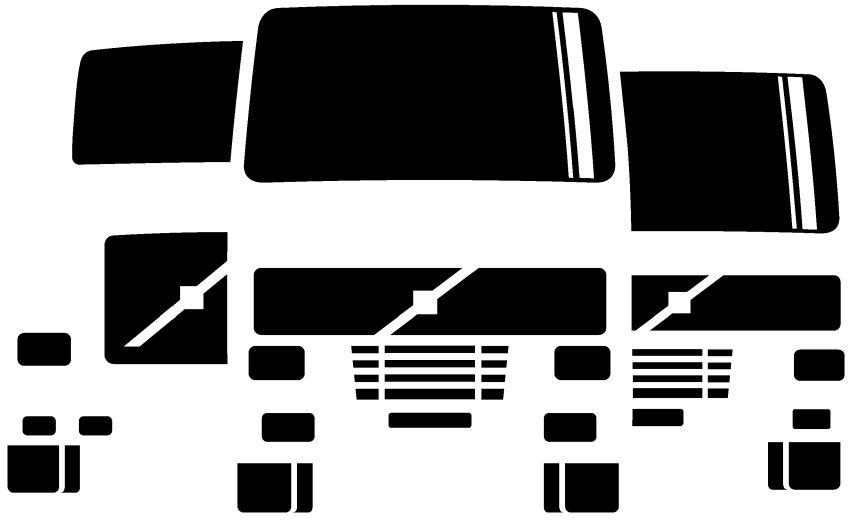
Service Manual
Trucks

Group **37**
Release **02**

Wiring diagram
FM9, FM12, FH12, FH16, NH12 VERSION2

FM, FH CHID A 591628-
FM, FH CHID B 381169-



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VOLVO

Foreword

The descriptions and service procedures contained in this manual are based on designs and methods studies carried out up to June 05.

The products are under continuous development. Vehicles and components produced after the above date may therefore have different specifications and repair methods. When this is judged to have a significant bearing on this manual, supplementary service bulletins will be issued to cover the changes.

The new edition of this manual will update the changes.

In service procedures where the title incorporates an operation number, this is a reference to V.S.T. (Volvo Standard Times).

Service procedures which do not include an operation number in the title are for general information and no reference is made to V.S.T.

The following levels of observations, cautions and warnings are used in this Service Documentation:

Note: Indicates a procedure, practice, or condition that must be followed in order to have the vehicle or component function in the manner intended.

Caution: Indicates an unsafe practice where damage to the product could occur.

Warning: Indicates an unsafe practice where personal injury or severe damage to the product could occur.

Danger: Indicates an unsafe practice where serious personal injury or death could occur.

Volvo Truck Corporation
Göteborg, Sweden

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ENG17555

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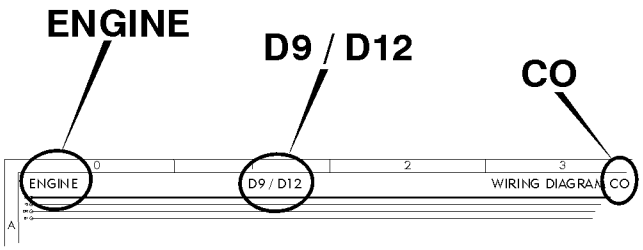
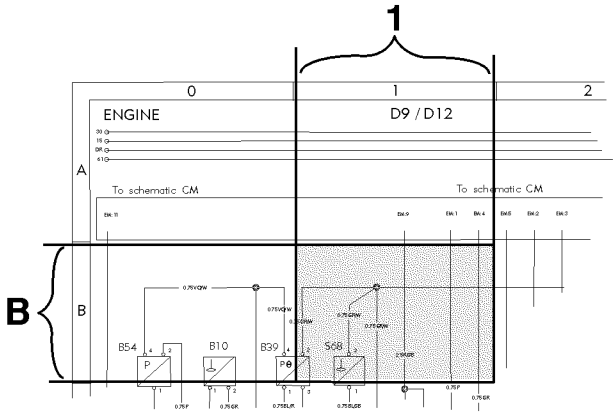
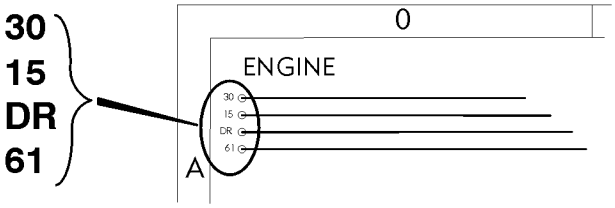
Example of wiring diagram



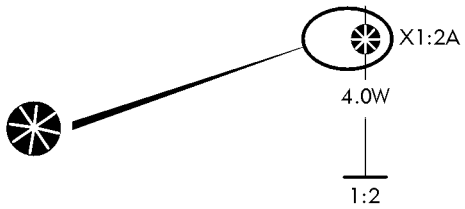
Component wiring diagram title, variant/subtitle and symbol.



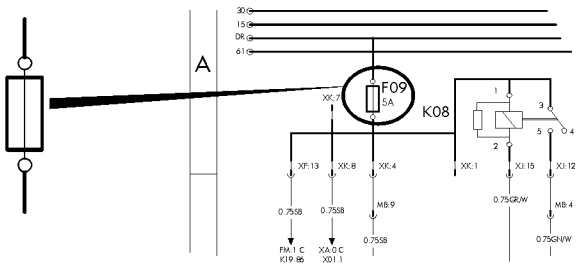
Coordinates (B 1).



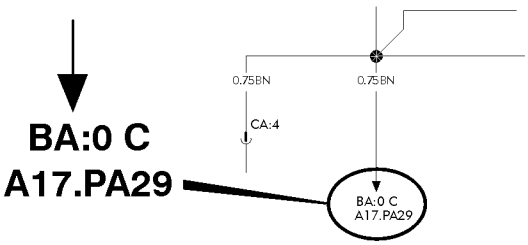
30 Voltage battery, kl.30.
15 Voltage with starter key in drive position, kl.15.
DR Voltage with starter key in drive position, preheat position and start position, kl.DR.
61 Voltage when alternator charges, kl.61.



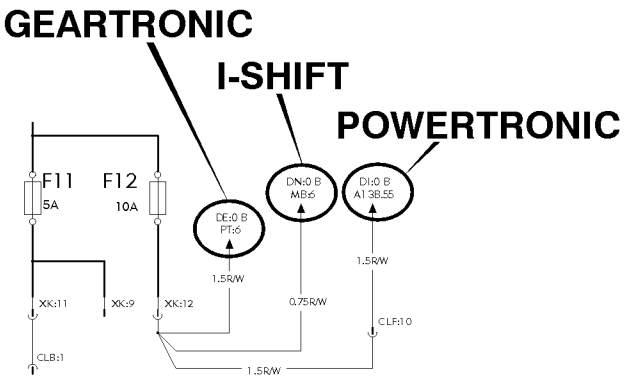
Splice.



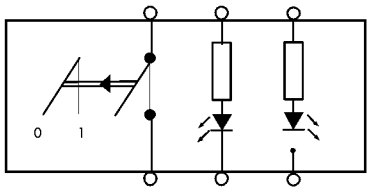
Fuse.



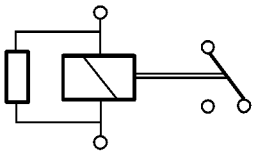
Reference arrow, for diagram BA, coordinates 0 C, component A17, connector PA pin 29.



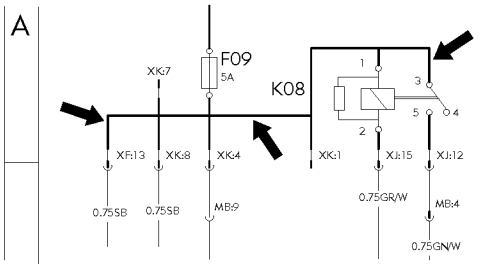
The maximum of variants are drawn, think about that all wires and components are not standard for all markets or vehicle models.



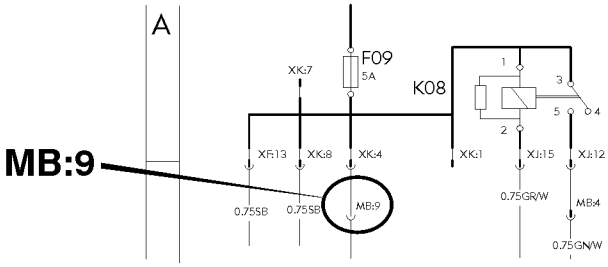
Switch.



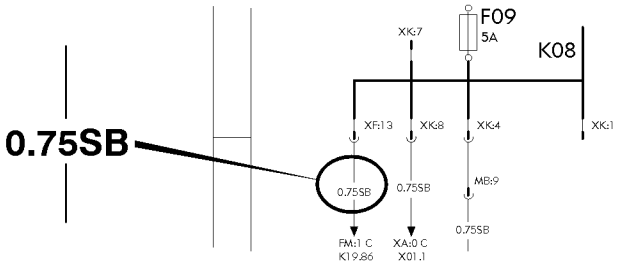
Relay.



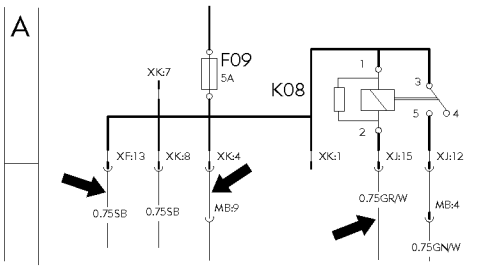
Conductor on circuit card.



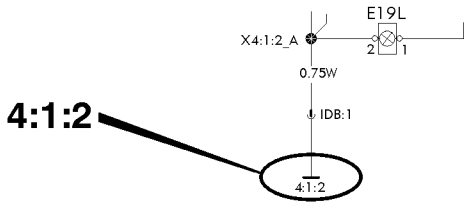
Connector MB terminal 9.



Wire area and colour.

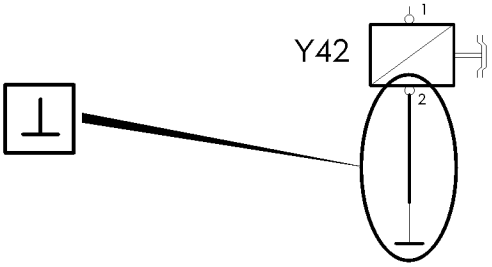


Thin lines, wires.

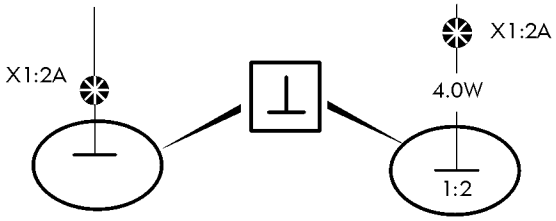


Earth connection point 4, earth connection 1 and wire 2.

Earth connection to circuit card.



Earth connection without wire.



Same splice can be drawn on several diagrams. The wire from the splice to the earth connection point will only be drawn and coded on one diagram. On the other diagrams will only the earth connection point be written besides the splice.

Component wiring diagram index

AA	Power supply, starting system	page 8
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BI	Instrument cluster	page 14
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CO	Engine D9	page 21
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DE	Geartronic automatic gearshift	page 28
DI	Powertronic	page 29
DM	Retarder manual gearshift	page 30
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GU	Headlights adjust	page 59
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HM	Water heater	page 62
HP	Short stop cab heater	page 63
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IE	El. heat/adj. mirrors, El. window winders	page 67
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XA Bus J1708/J1587 ..... page 88
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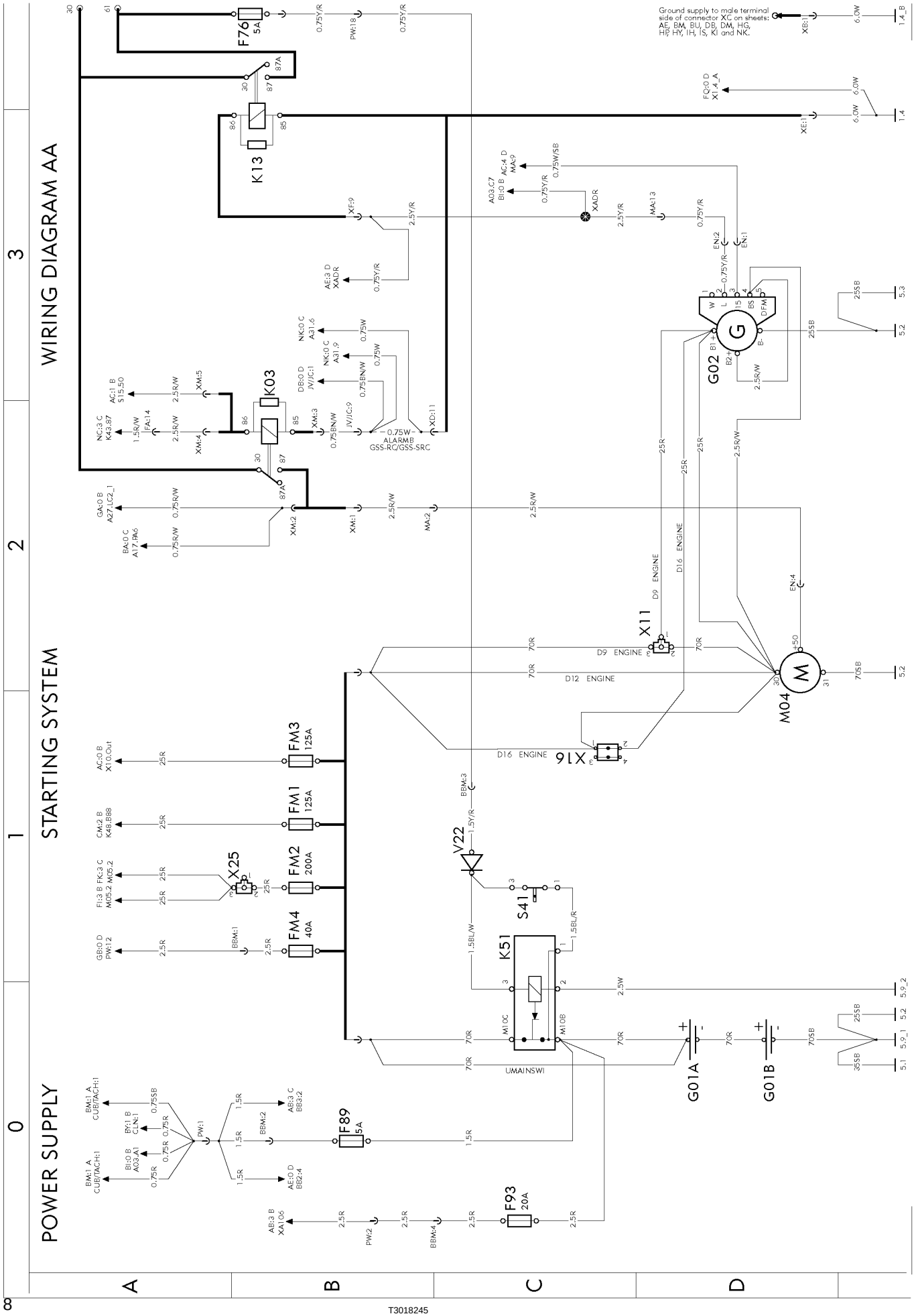
Component wiring diagrams



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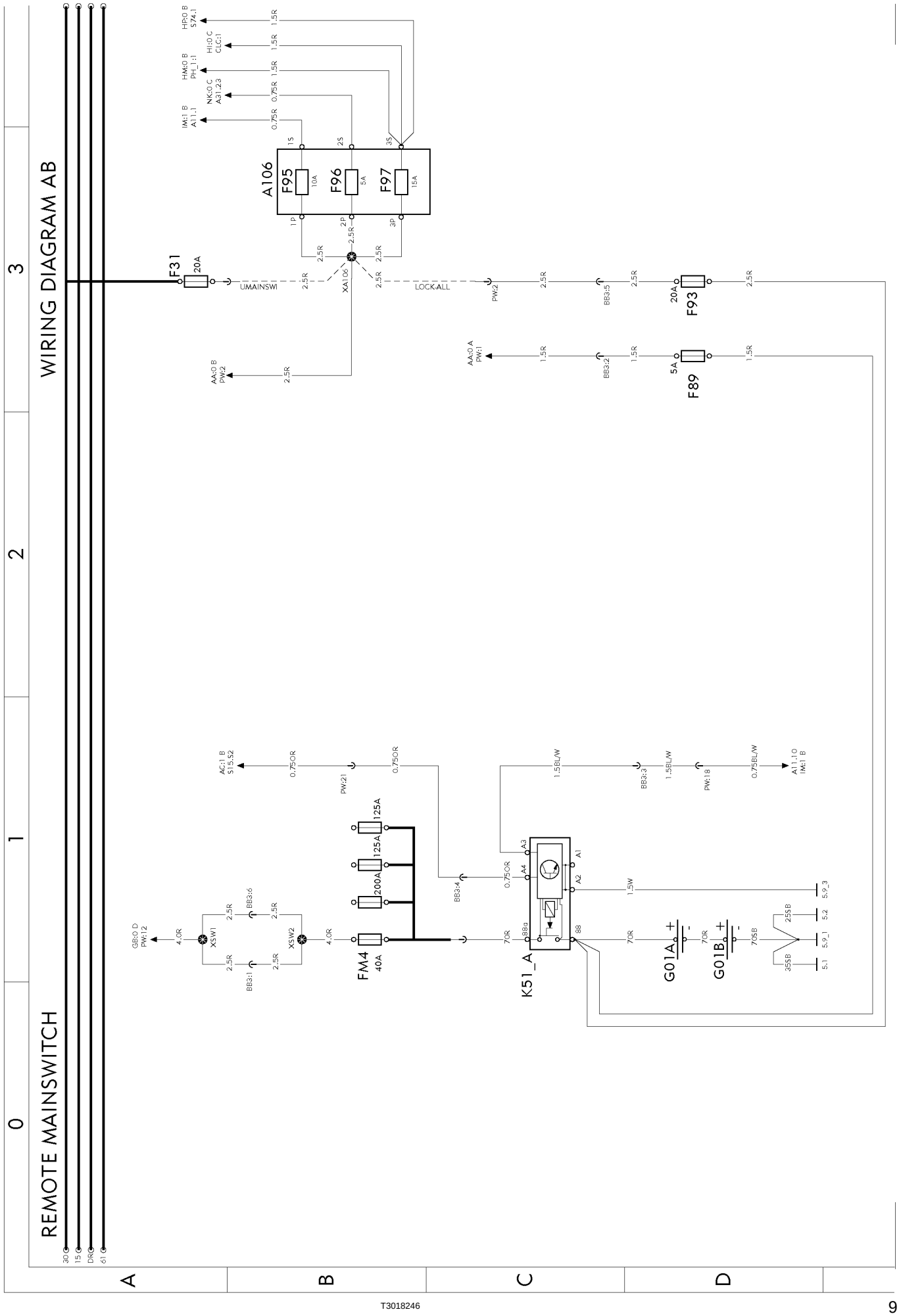
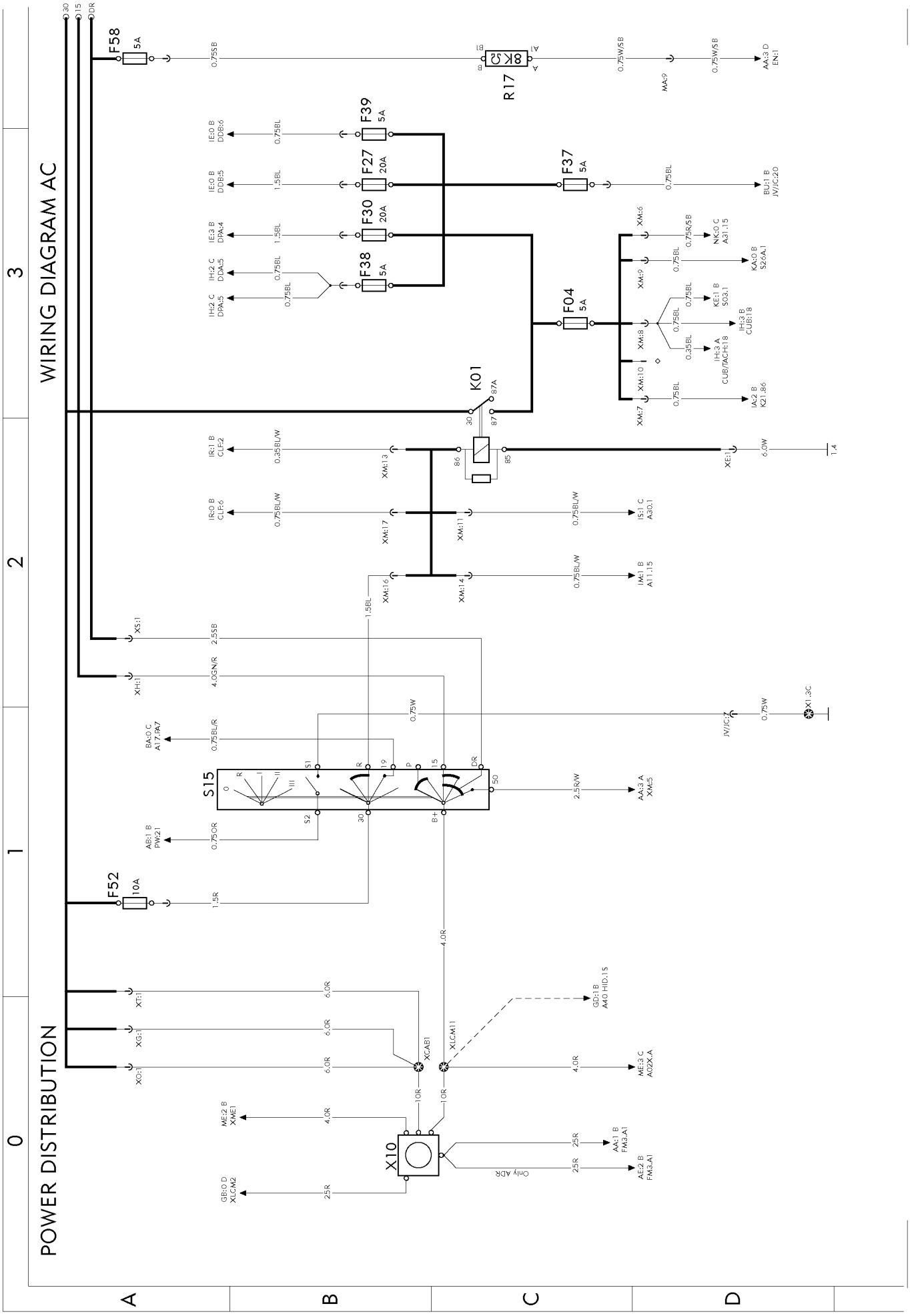
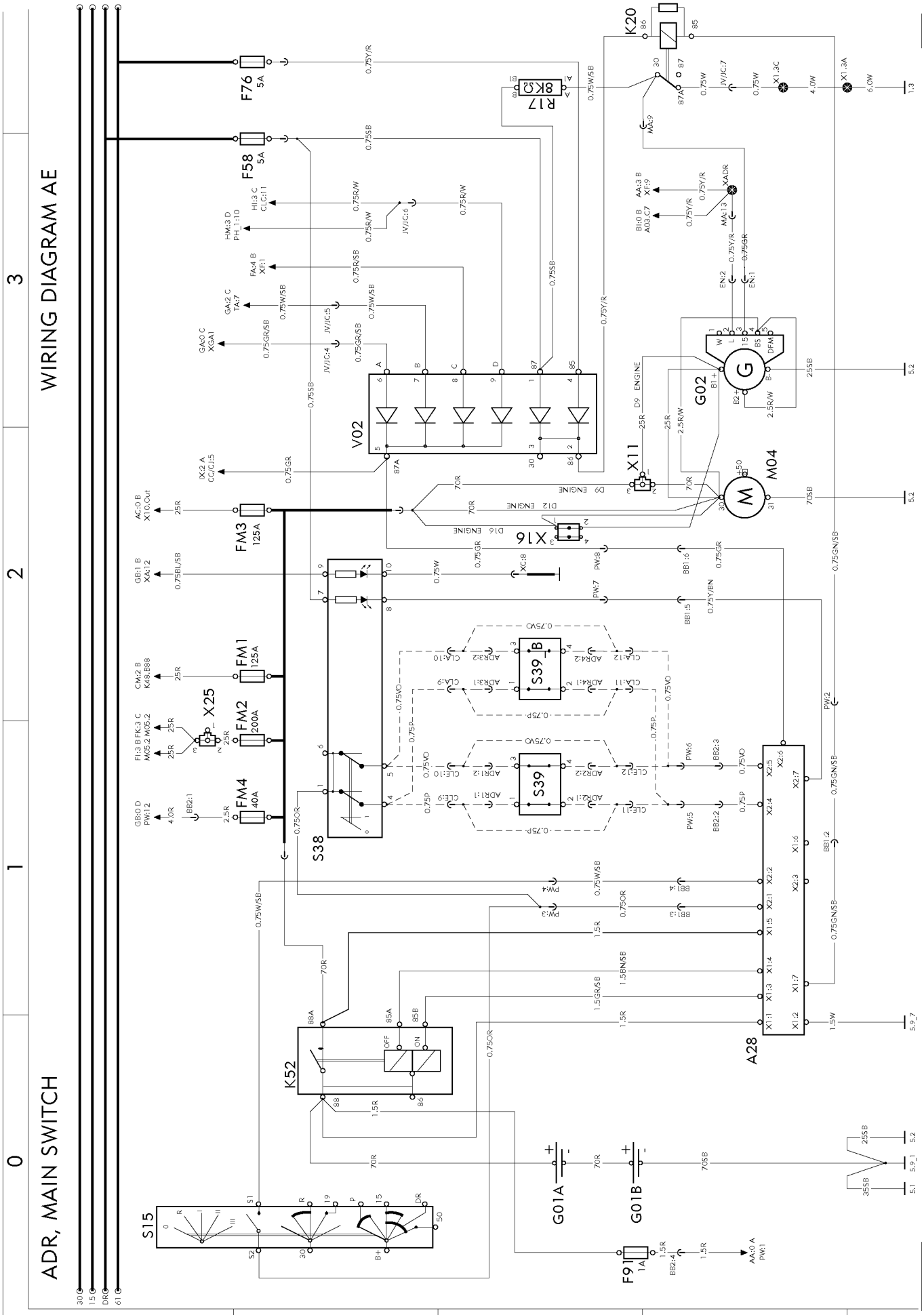
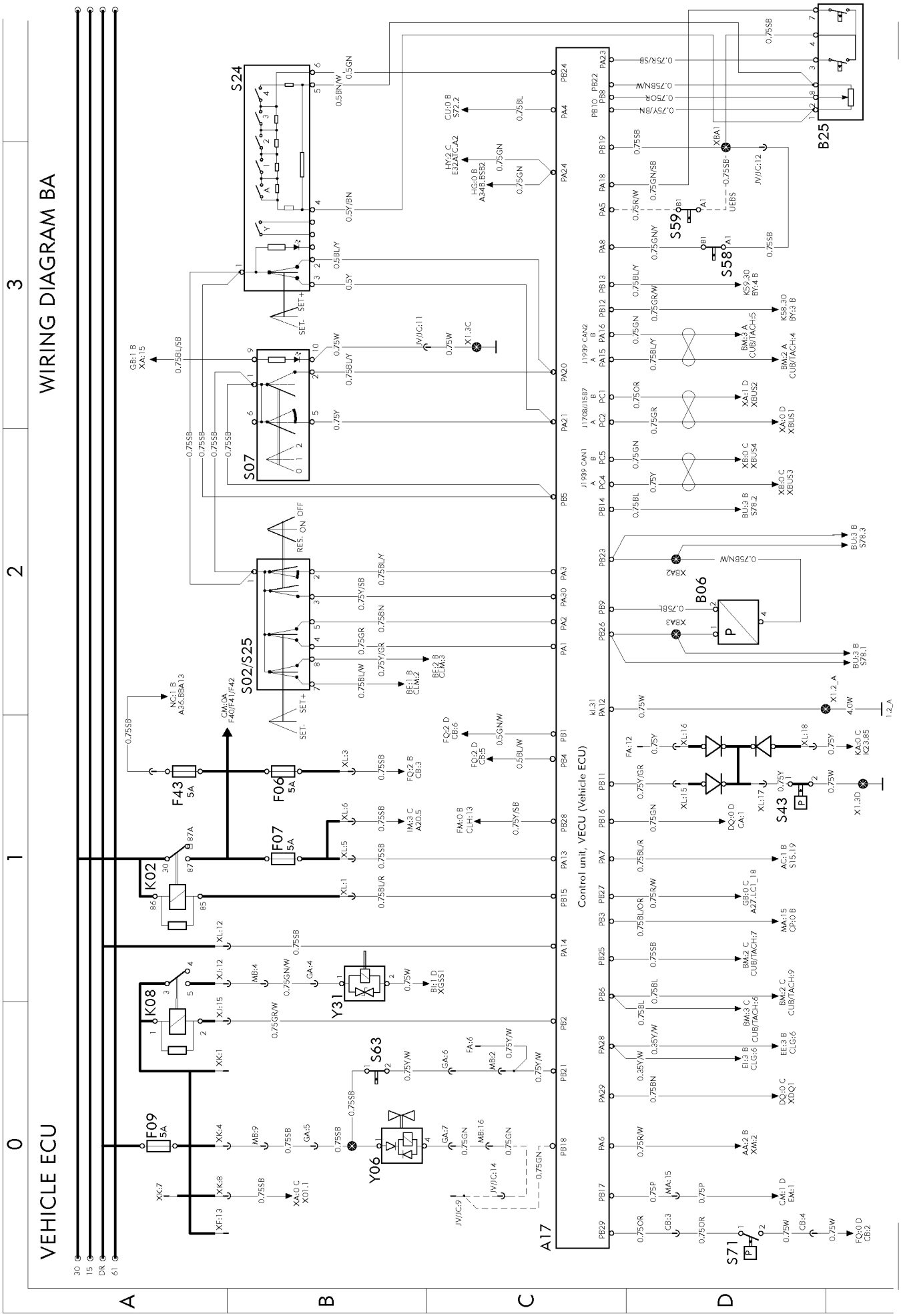
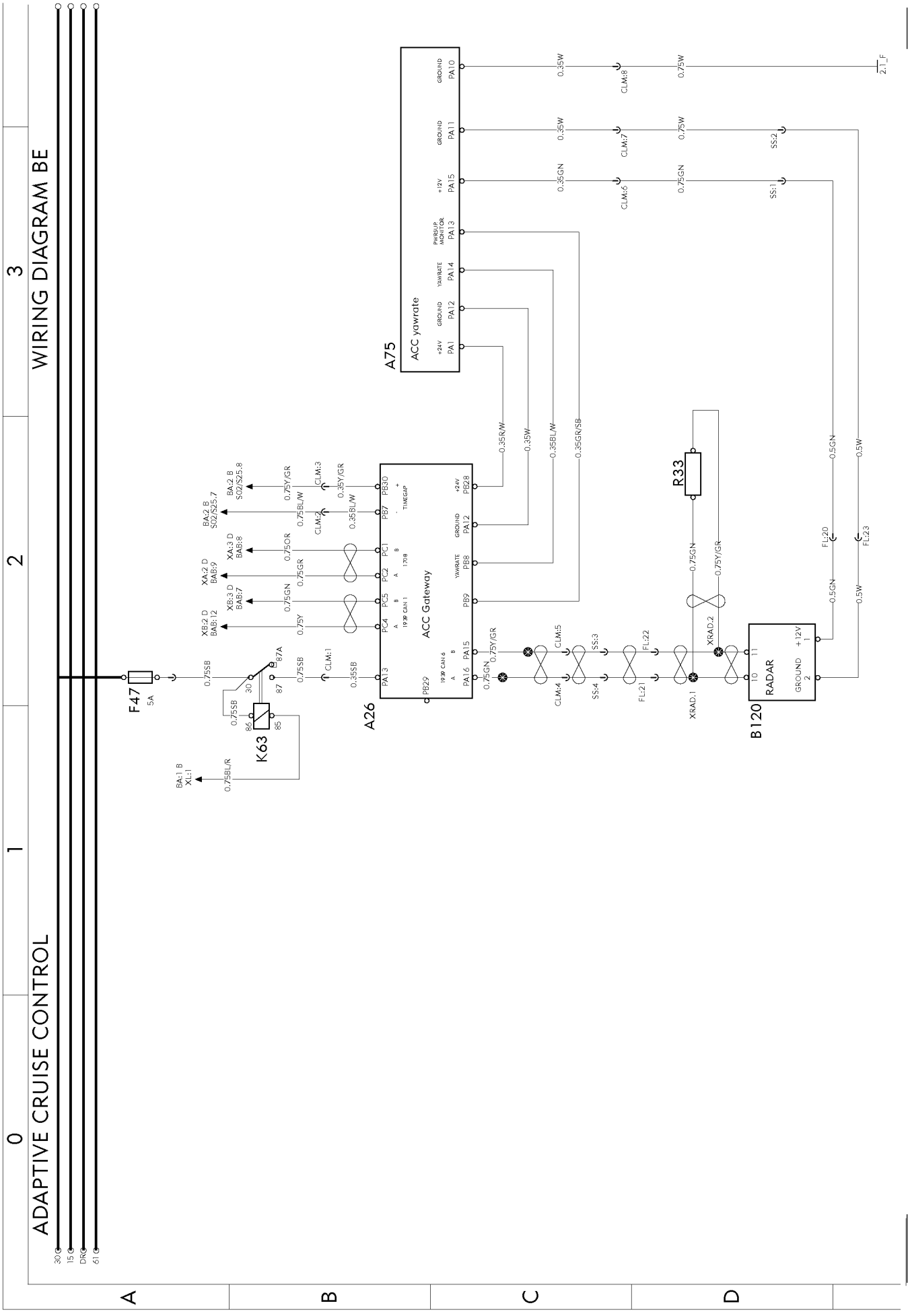

WIRING DIAGRAM AB
REMOTE MAINSWITCH
A106
F95
F96
F97
F31
F93
F89
FM4
K51_A
G01A
G01B
XSW1
XSW2
XA106
UMAINSWI
LOCK ALL

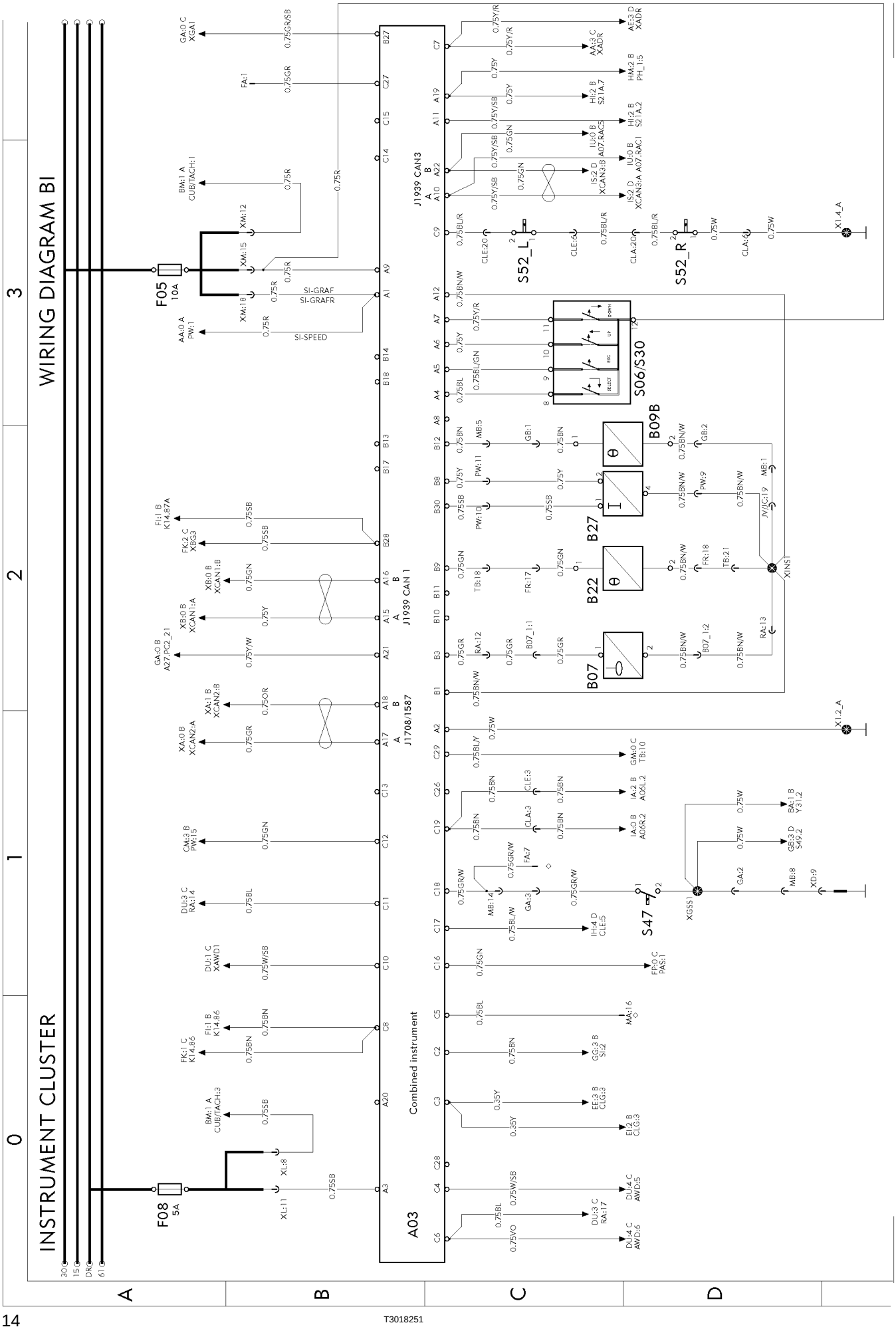

WIRING DIAGRAM AC
POWER DISTRIBUTION
30
15
DR
F58
5A
F39
5A
F27
20A
F30
20A
F38
5A
F37
5A
F04
5A
K01
87A
R17
S15
F52
10A
X10
XCAB1
XLCM11
Only ADR
0
1
2
3
A
B
C
D

T3018247

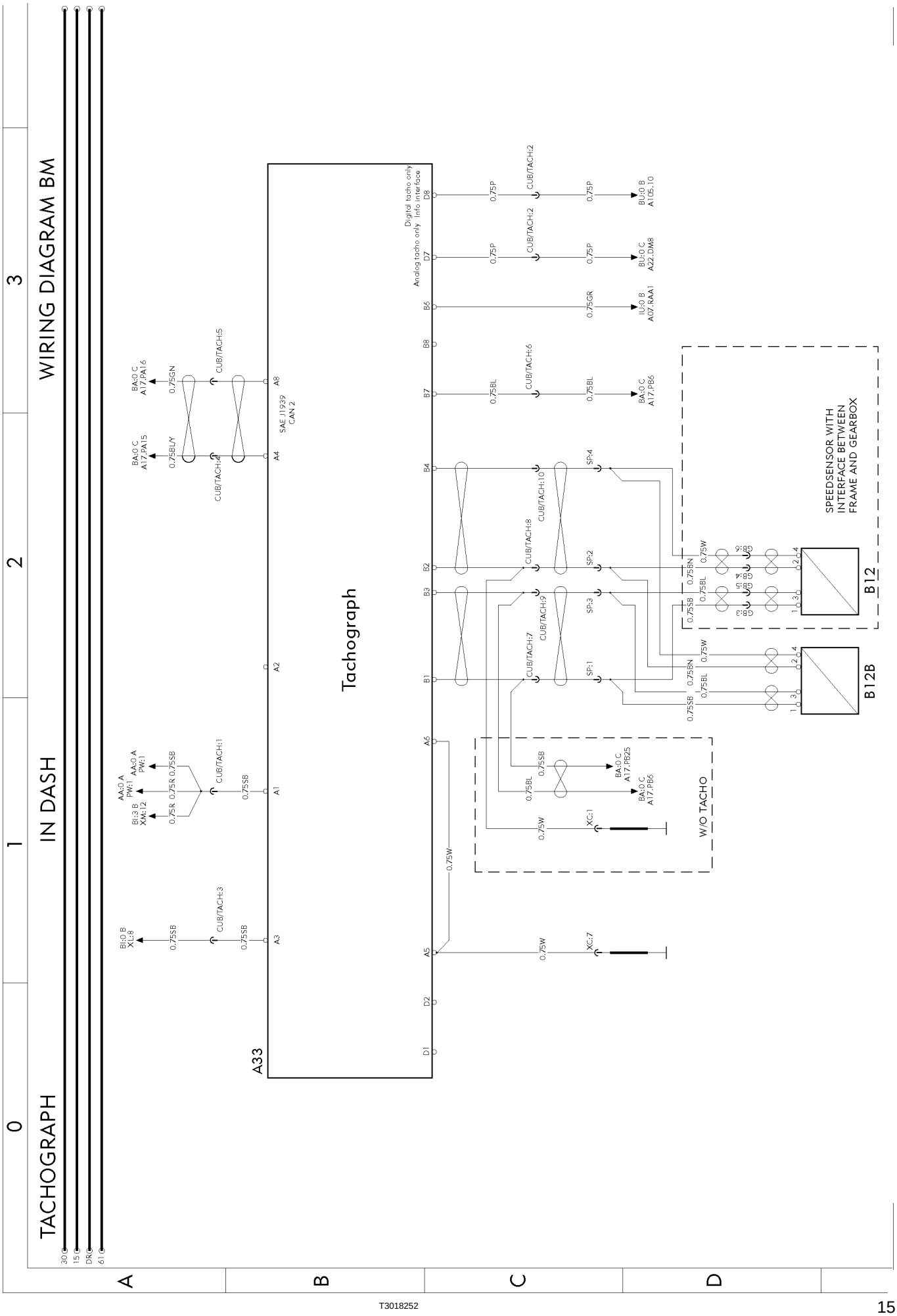

WIRING DIAGRAM AE
ADR, MAIN SWITCH
A
B
C
D
0
1
2
3
30
15
DR
61
F76 5A
F58 5A
FM3 125A
FM1 125A
FM2 200A
FM4 40A
X25
K20
R17
K52
S38
S39
S15
V02
X11
X16
G02
M04
A28
G01A
G01B
F91 1A
T3018248

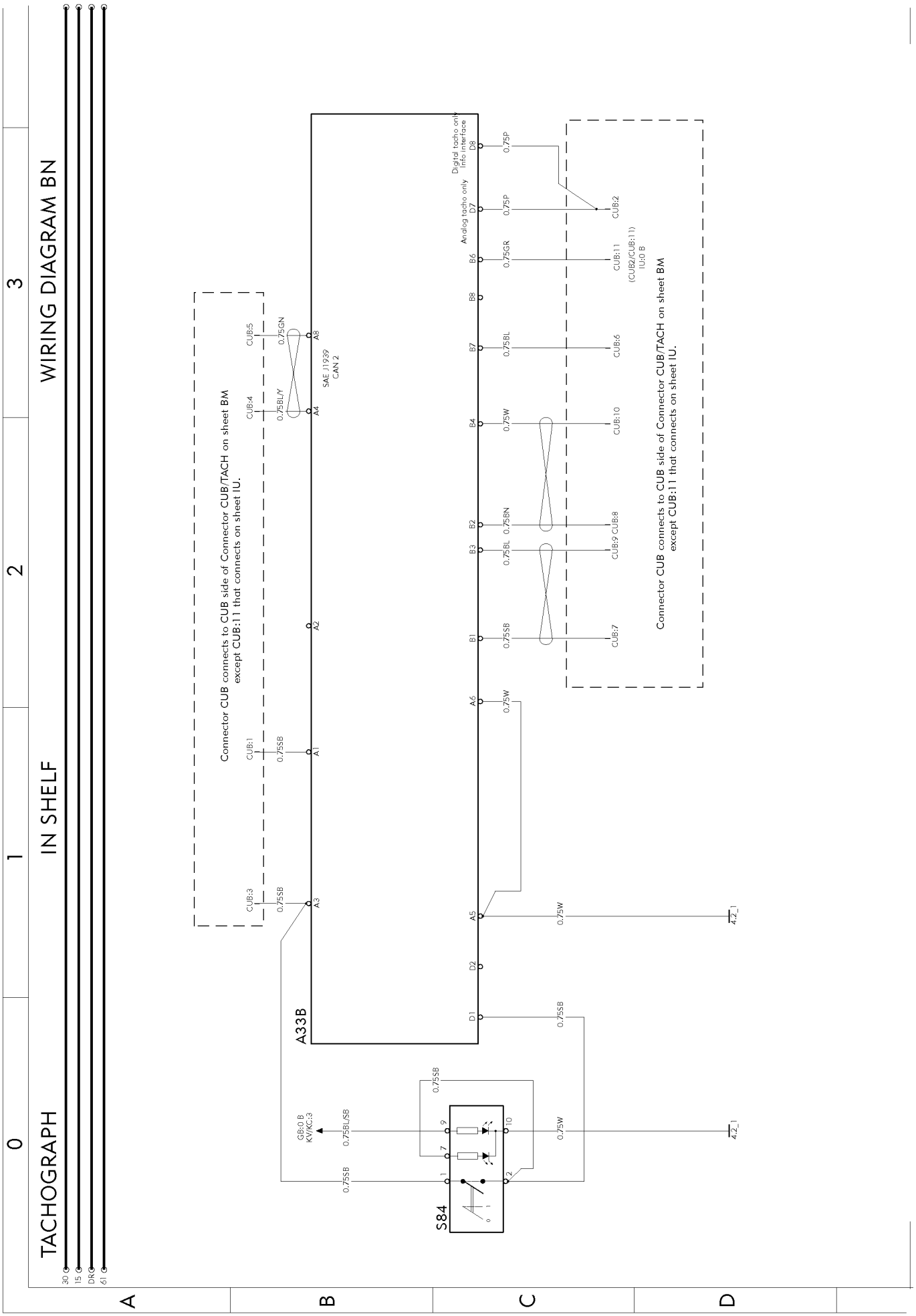

WIRING DIAGRAM BA
VEHICLE ECU
Control unit, VECU (Vehicle ECU)
A17
S24
S07
S02/S25
S58
S59
S63
S71
S43
B25
B06
K02
K08
F09
F43
F06
F07
Y06
Y31

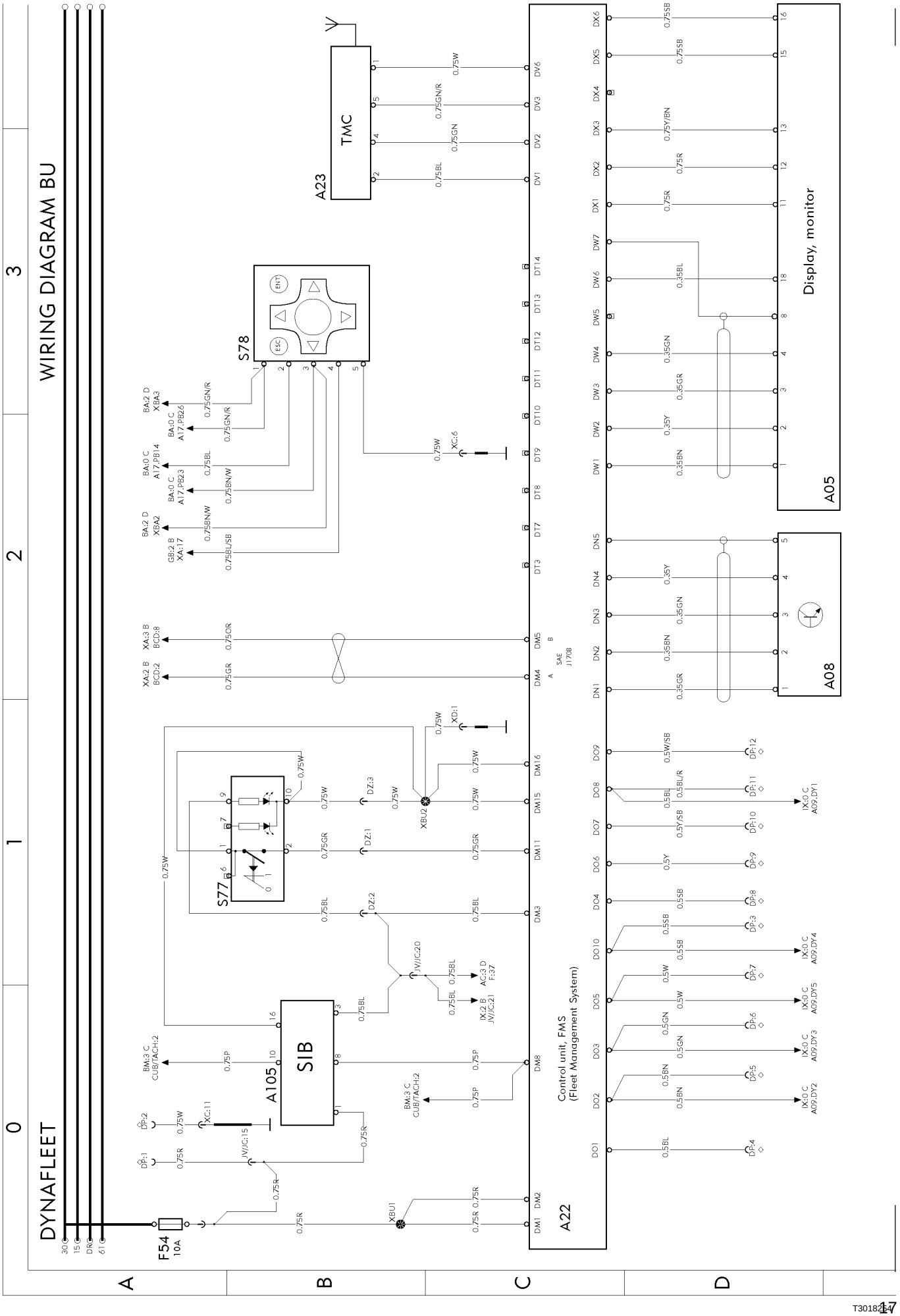

ADAPTIVE CRUISE CONTROL
WIRING DIAGRAM BE
0
1
2
3
A
B
C
D
30
15
DR
61
F47
5A
K63
87A
87
30
86
85
A26
ACC Gateway
A75
ACC yawrate
B120
RADAR
R33
CLM:1
CLM:2
CLM:3
CLM:4
CLM:5
CLM:6
CLM:7
CLM:8
SS:1
SS:2
SS:3
SS:4
FL:20
FL:21
FL:22
FL:23
XRAD:1
XRAD:2
2.1_F
0.75SB
0.75BL/W
0.75Y/GR
0.35Y/GR
0.35BL/W
0.75OR
0.75GR
0.75GN
0.75Y
0.35SB
0.35R/W
0.35W
0.35BL/W
0.35GR/SB
0.75GN
0.75Y/GR
0.35W
0.35GN
0.75W
0.75GN
0.5GN
0.5W
BA:1 B
XL:1
BA:2 B
S02/S25.7
BA:2 B
S02/S25.8
XA:3 D
BAB:8
XA:2 D
BAB:9
XB:3 D
BAB:7
XB:2 D
BAB:12
PWRSUP. MONITOR
YAWRATE
GROUND
+12V
+24V
TIMEGAP
1939 CAN 1
1939 CAN 6
1708

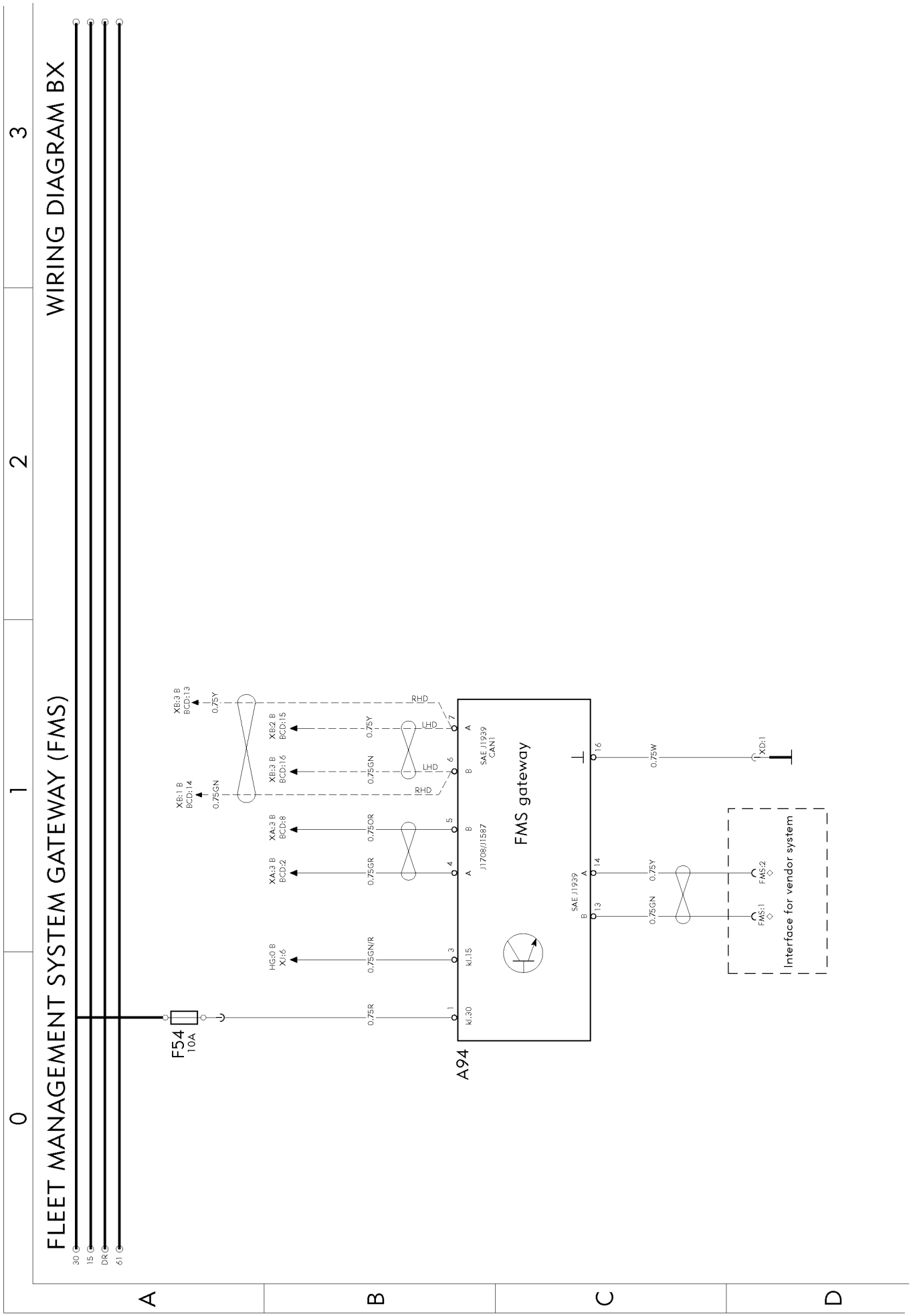

WIRING DIAGRAM BI
INSTRUMENT CLUSTER
Combined instrument
A03
J1939 CAN 1
J1939 CAN3
J1708/1587
F08 5A
F05 10A
S52_L
S52_R
S06/S30
S47
B07
B22
B27
B09B
SI-GRAF
SI-GRAFR
SI-SPEED

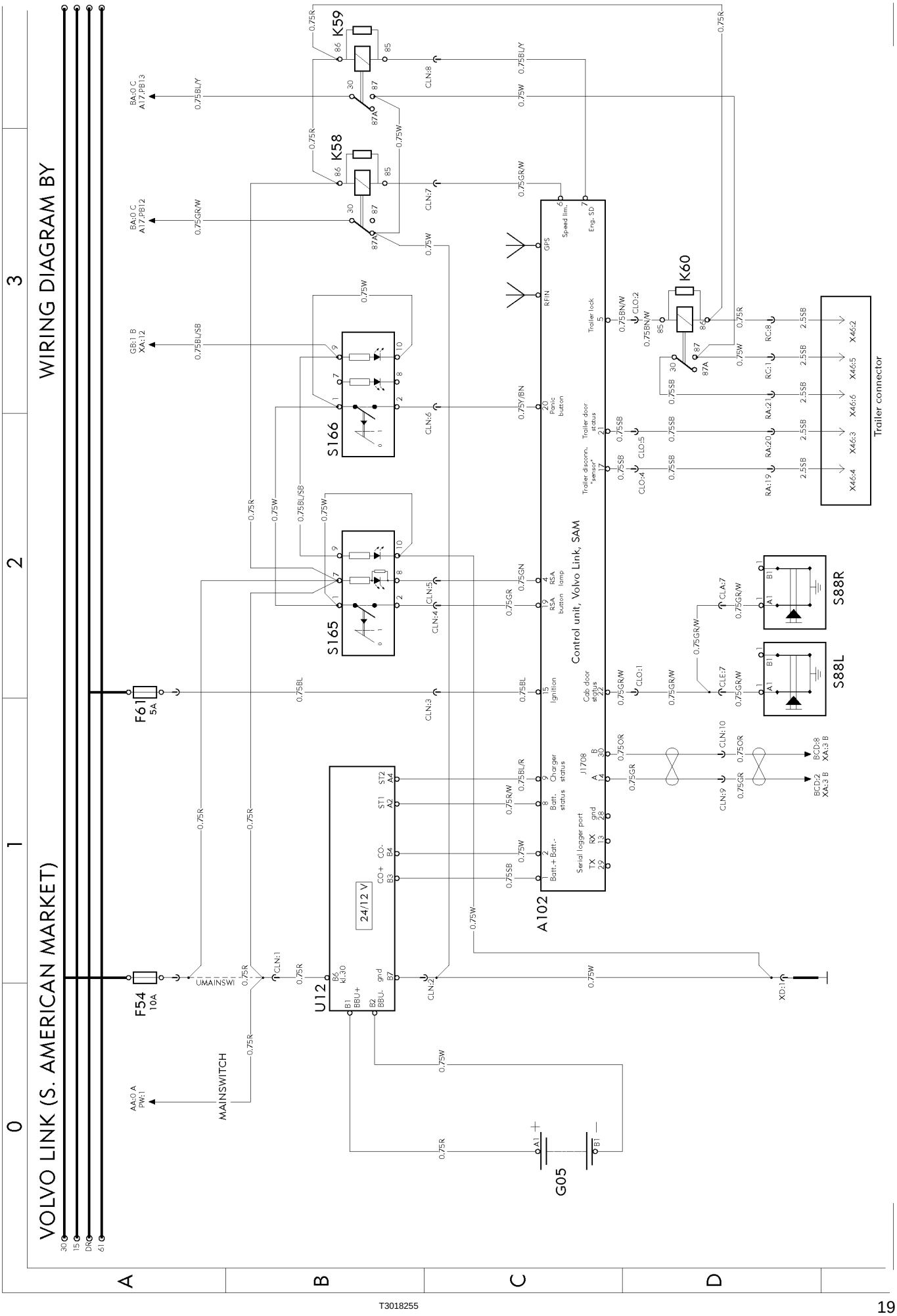
T3018251

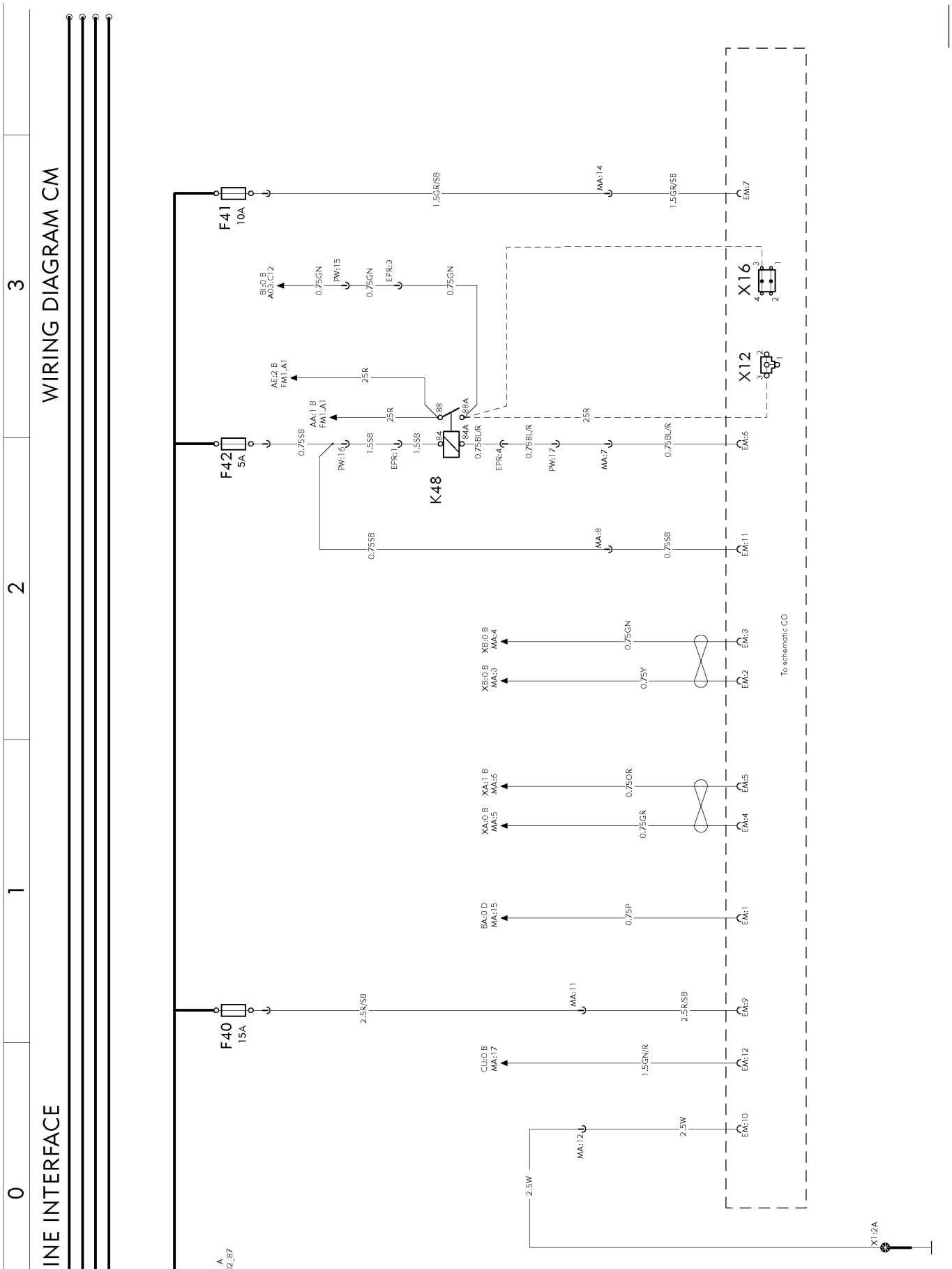

TACHOGRAPH
IN DASH
WIRING DIAGRAM BM
30
15
DR
61
A33
Tachograph
SAE J1939
CAN 2
Digital tacho only
Analog tacho only
Info interface
W/O TACHO
SPEEDSENSOR WITH
INTERFACE BETWEEN
FRAME AND GEARBOX
B12
B12B

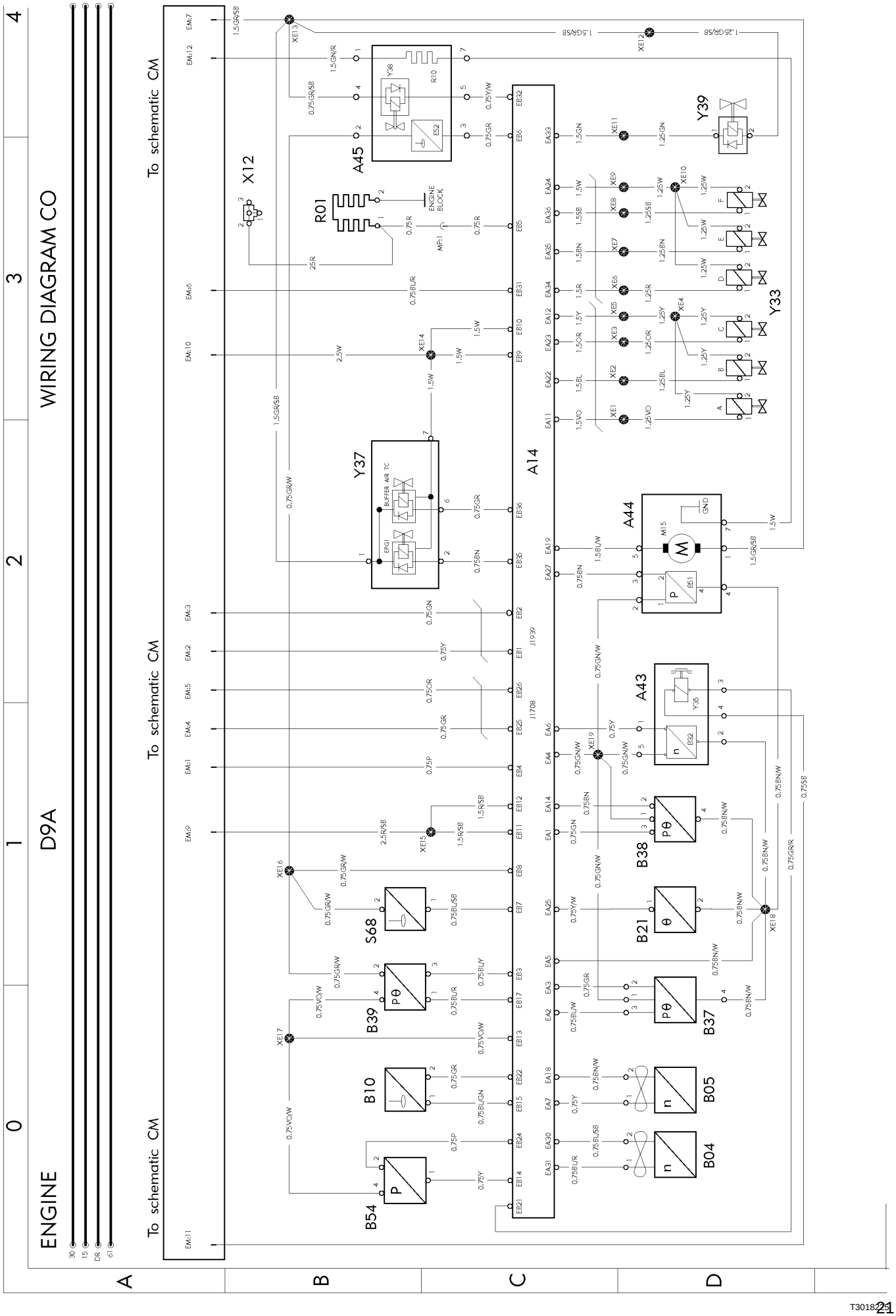

TACHOGRAPH
IN SHELF
WIRING DIAGRAM BN
0
1
2
3
A
B
C
D
30
15
DR
61
A33B
S84
Connector CUB connects to CUB side of Connector CUB/TACH on sheet BM
except CUB:11 that connects on sheet IU.
Connector CUB connects to CUB side of Connector CUB/TACH on sheet BM
except CUB:11 that connects on sheet IU.
SAE J1939
CAN 2
Digital tacho only
Info interface
Analog tacho only
(CUB2/CUB:11)
IU:0 B
GB:0 B
KV/KC:3
0.75SB
0.75BL/SB
0.75W
0.75BL/Y
0.75GN
0.75BN
0.75BL
0.75GR
0.75P

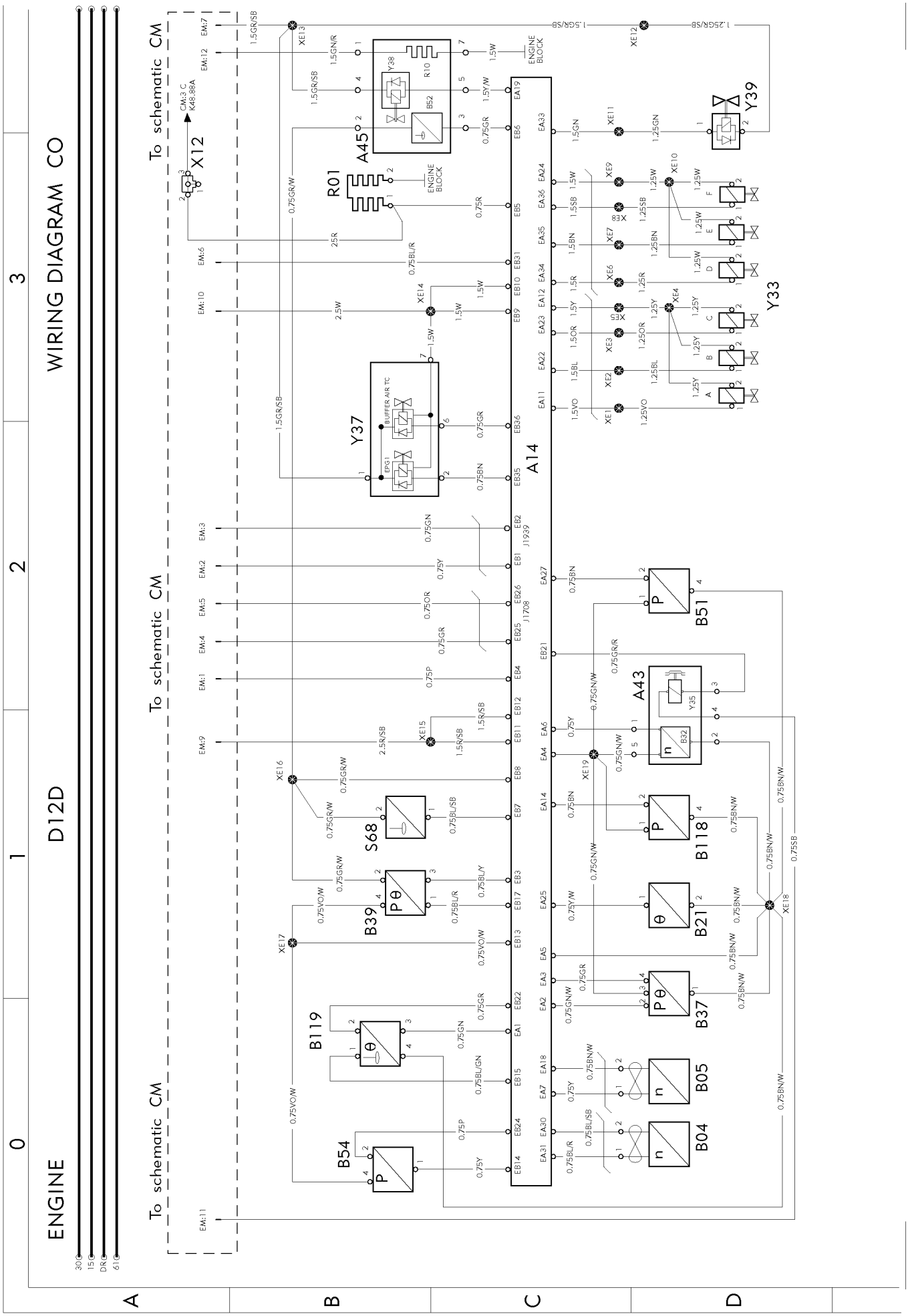

WIRING DIAGRAM BU
DYNAFLEET
A22
Control unit, FMS
(Fleet Management System)
A23
TMC
A05
Display, monitor
A08
A105
SIB
S78
S77
F54
10A

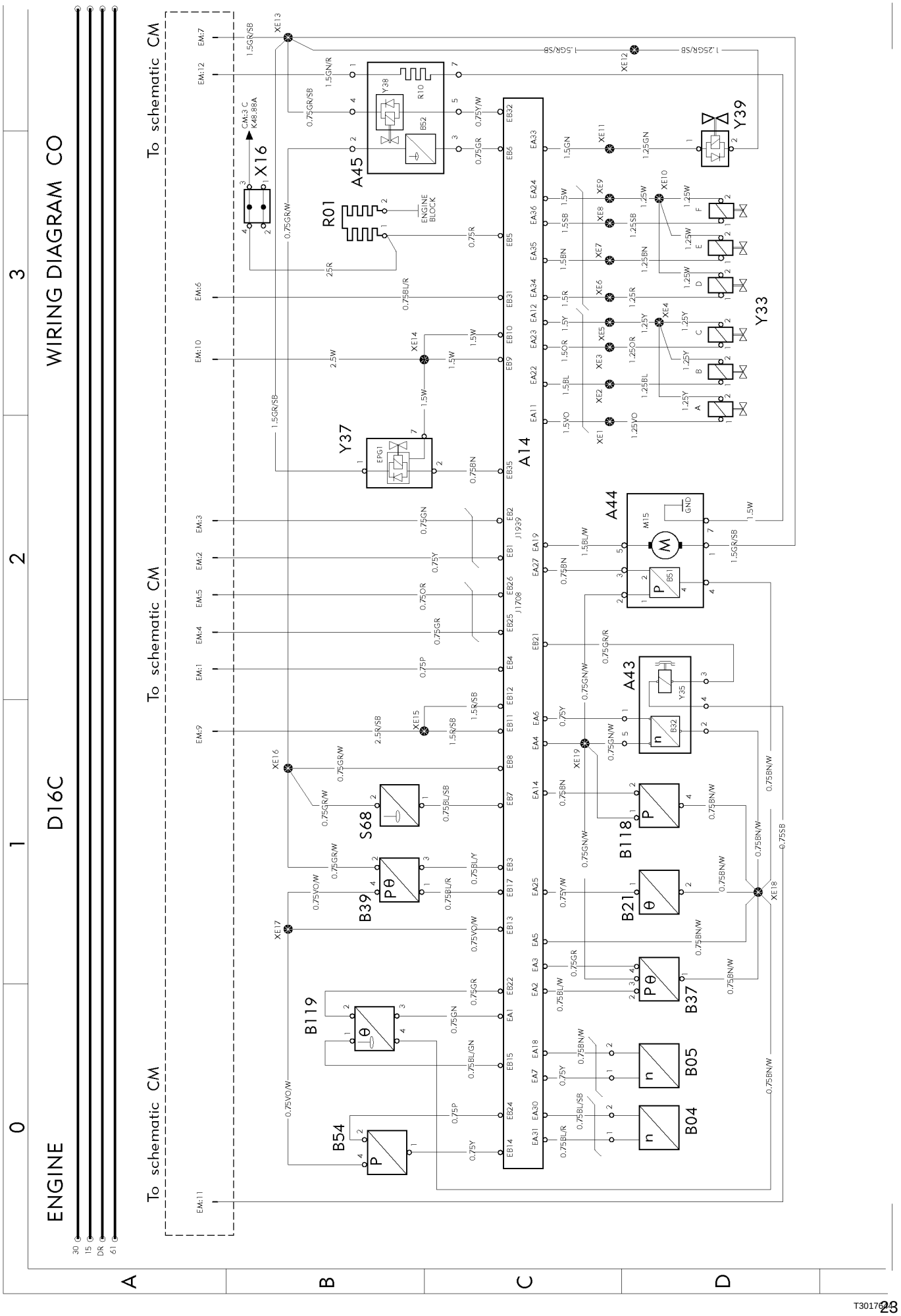

WIRING DIAGRAM BX
FLEET MANAGEMENT SYSTEM GATEWAY (FMS)
0
1
2
3
A
B
C
D
30
15
DR
61
F54
10A
A94
FMS gateway
SAE J1939
CAN1
J1708/J1587
kl.30
kl.15
kl.30
kl.15
SAE J1939
A
B
RHD
LHD
LHD
RHD
0.75R
0.75GN/R
0.75GR
0.75OR
0.75GN
0.75Y
0.75Y
0.75GN
0.75W
0.75Y
0.75GN
HG:0 B
XJ:6
XA:3 B
BCD:2
XA:3 B
BCD:8
XB:3 B
BCD:16
XB:2 B
BCD:15
XB:3 B
BCD:13
XB:1 B
BCD:14
XD:1
FMS:1
FMS:2
Interface for vendor system

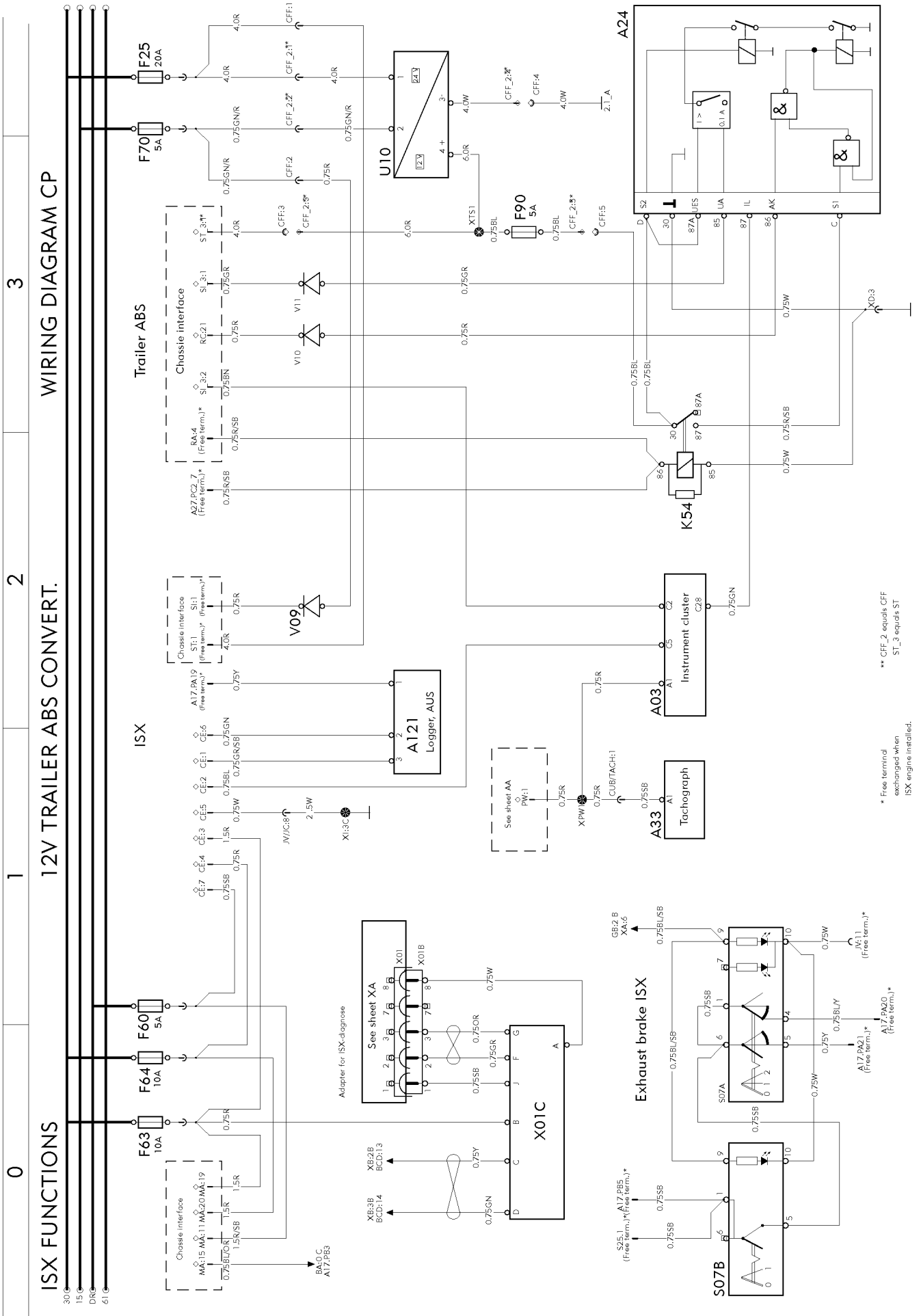

VOLVO LINK (S. AMERICAN MARKET)
WIRING DIAGRAM BY
Control unit, Volvo Link, SAM
A102
U12
24/12 V
MAINSWITCH
UMAINSWI
F54 10A
F61 5A
K58
K59
K60
S165
S166
S88L
S88R
G05
Trailer connector
Serial logger port
J1708
Ignition
Cab door status
Batt. status
Charger status
Panic button
RSA button
RSA lamp
Trailer door status
Trailer disconn. sensor
Trailer lock
Speed lim.
Eng. SD
GPS
RHIN

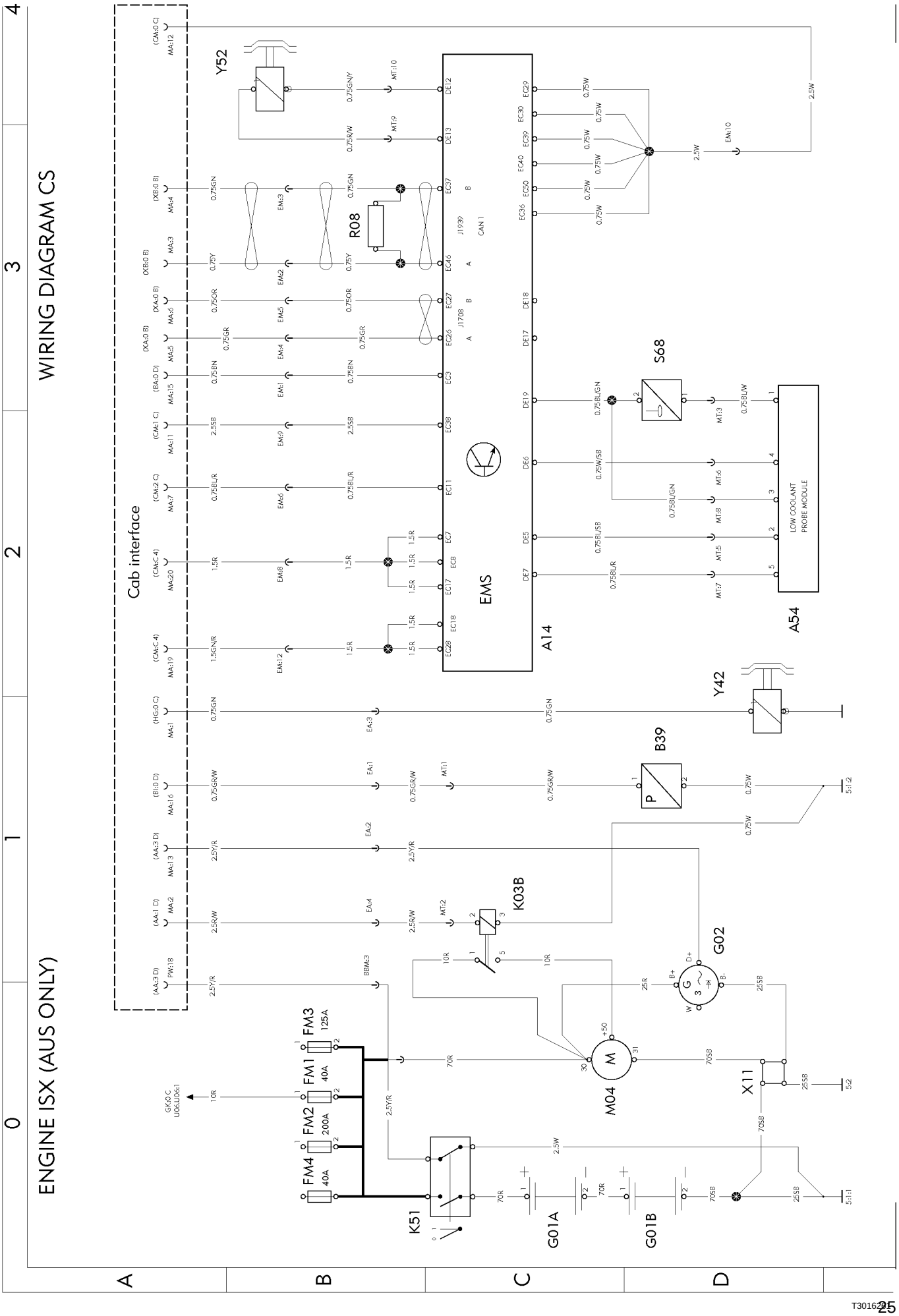

WIRING DIAGRAM CM
ENGINE INTERFACE
30
15
DR
61
F41
10A
F42
5A
F40
15A
K48
X16
X12
X1:2A
BA:1 A
30_K02_87
To schematic CO
0
1
2
3
A
B
C
D

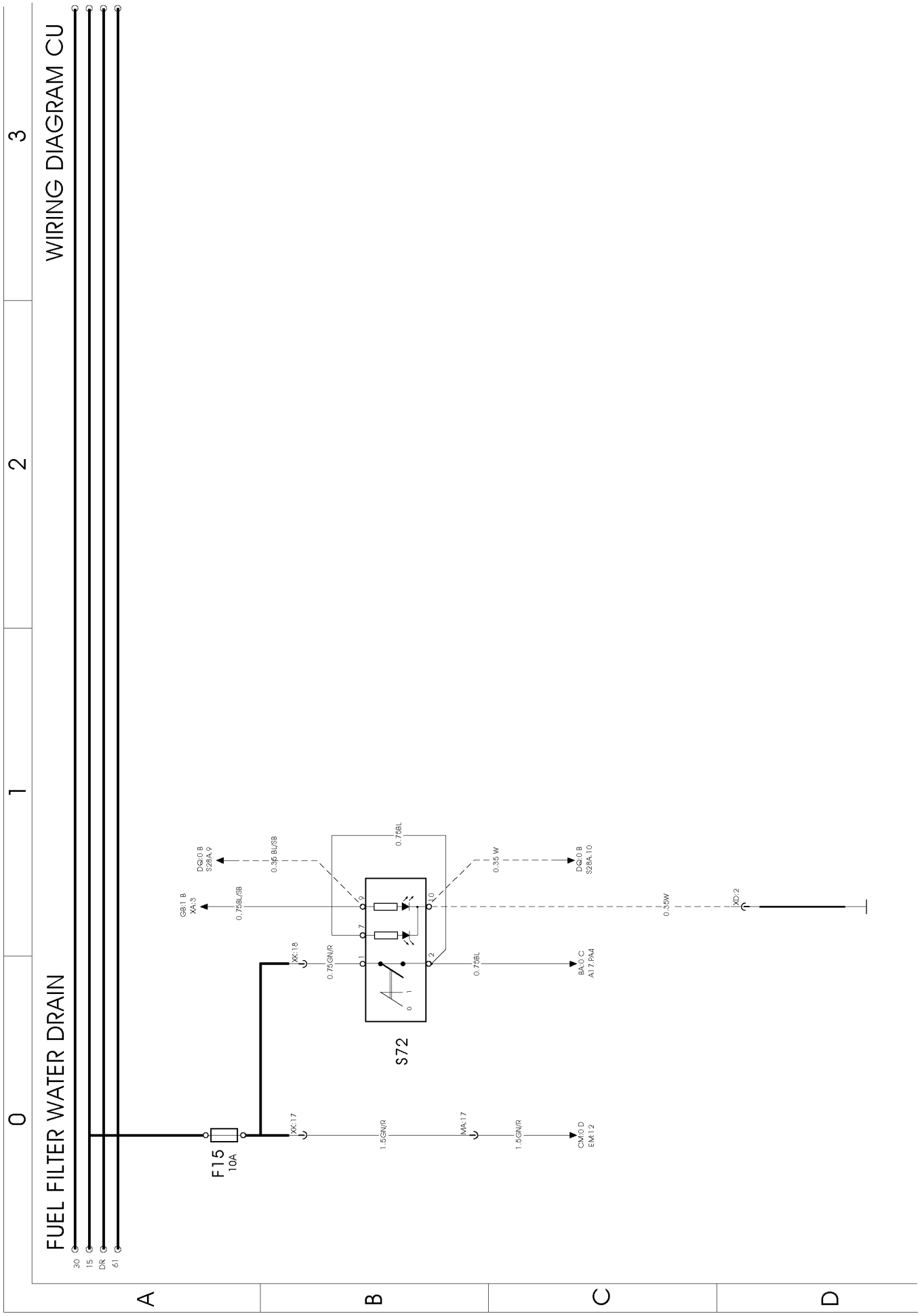

ENGINE
D9A
WIRING DIAGRAM CO
To schematic CM
X12
A45
R01
Y37
A14
A44
A43
Y39
Y33
B54
B10
B39
S68
B38
B21
B37
B04
B05
XE13
XE14
XE15
XE16
XE17
XE18
XE19
XE12
XE11
XE10
XE9
XE8
XE7
XE6
XE5
XE4
XE3
XE2
XE1
ENGINE BLOCK
BUFFER AIR TC
GND

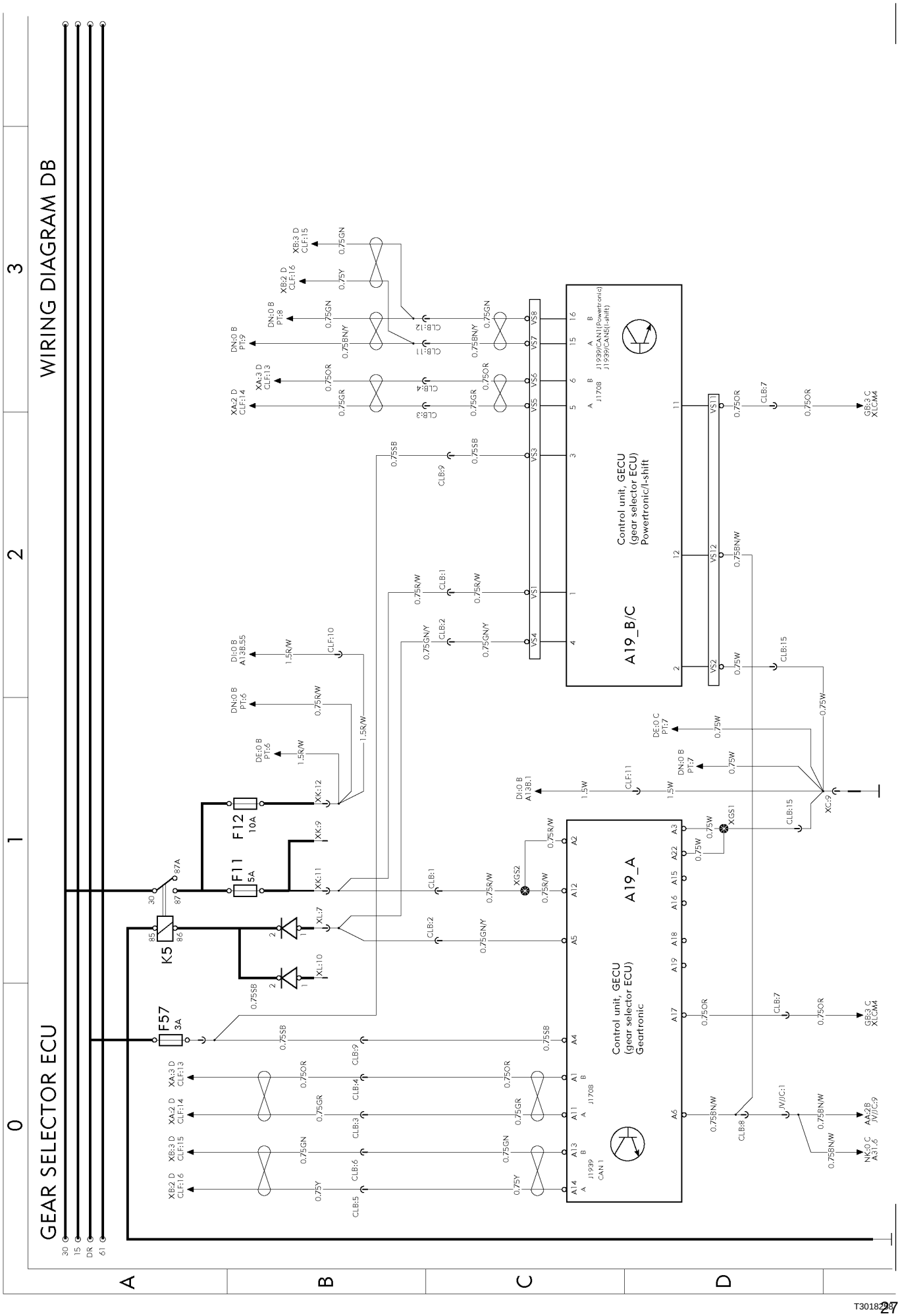

ENGINE
D12D
WIRING DIAGRAM CO
To schematic CM
X12
A14
A45
A43
Y33
Y37
Y39
R01
B119
B54
B39
S68
B37
B21
B118
B51
B04
B05
BUFFER AIR TC
ENGINE BLOCK

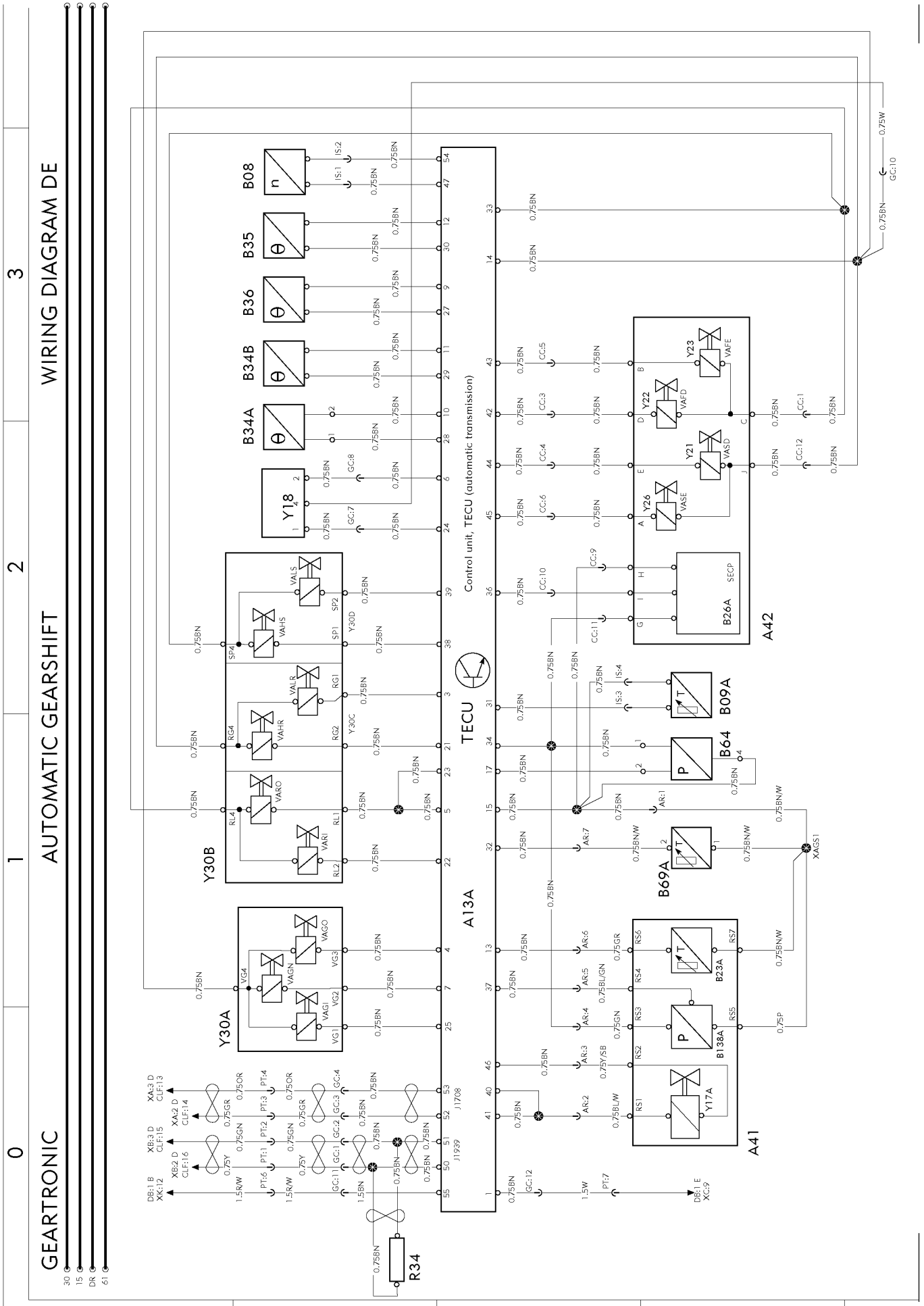

ENGINE
D16C
WIRING DIAGRAM CO
0
1
2
3
A
B
C
D
30
15
DR
61
To schematic CM
To schematic CM
To schematic CM
A14
A44
A43
A45
R01
Y37
Y33
Y39
X16
B54
B119
B39
S68
B37
B118
B21
B04
B05
XE13
XE14
XE15
XE16
XE17
XE18
XE19
XE12
XE11
XE10
XE9
XE8
XE7
XE6
XE5
XE4
XE3
XE2
XE1

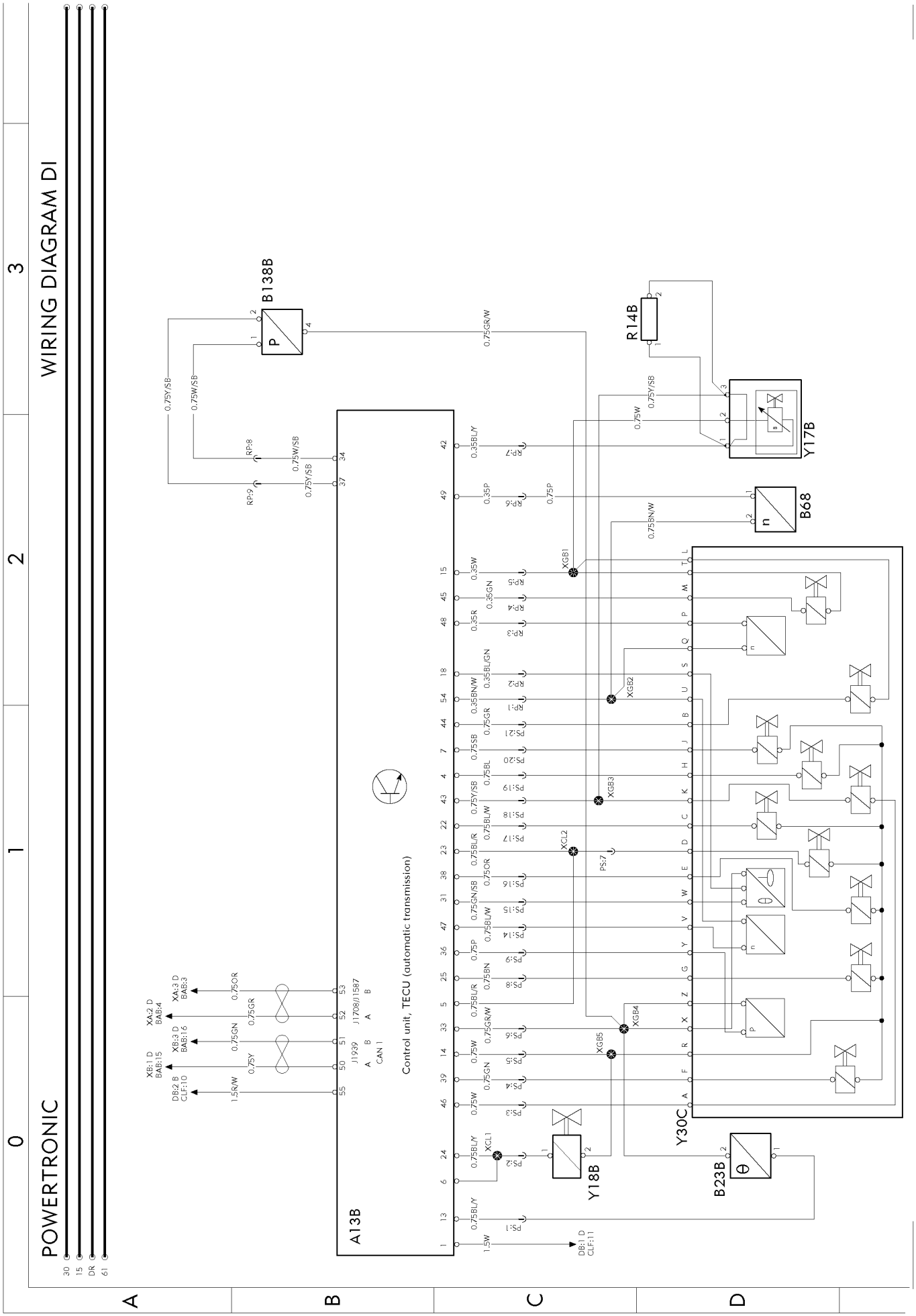

ISX FUNCTIONS
12V TRAILER ABS CONVERT.
WIRING DIAGRAM CP
Trailer ABS
ISX
Chassie interface
Instrument cluster
Logger, AUS
Tachograph
Exhaust brake ISX
Adapter for ISX-diagnose
See sheet XA
See sheet AA
* Free terminal exchanged when ISX engine installed.
** CFF_2 equals CFF ST_3 equals ST

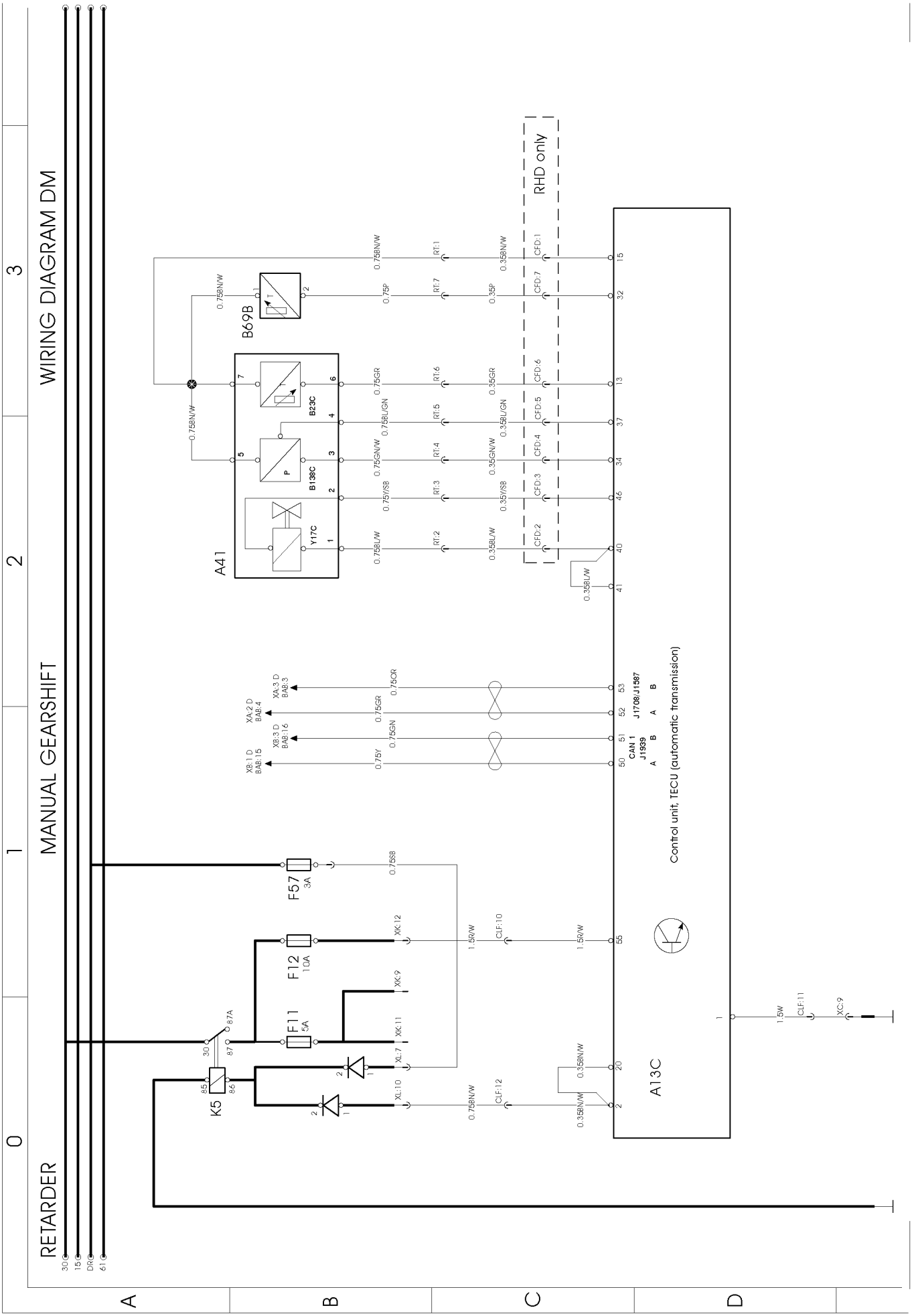

WIRING DIAGRAM CS
ENGINE ISX (AUS ONLY)
Cab interface
EMS
A14
Y52
R08
S68
A54
LOW COOLANT PROBE MODULE
Y42
B39
K03B
G02
M04
X11
K51
G01A
G01B
FM1 40A
FM2 200A
FM3 125A
FM4 40A
CAN 1
J1939
J1708

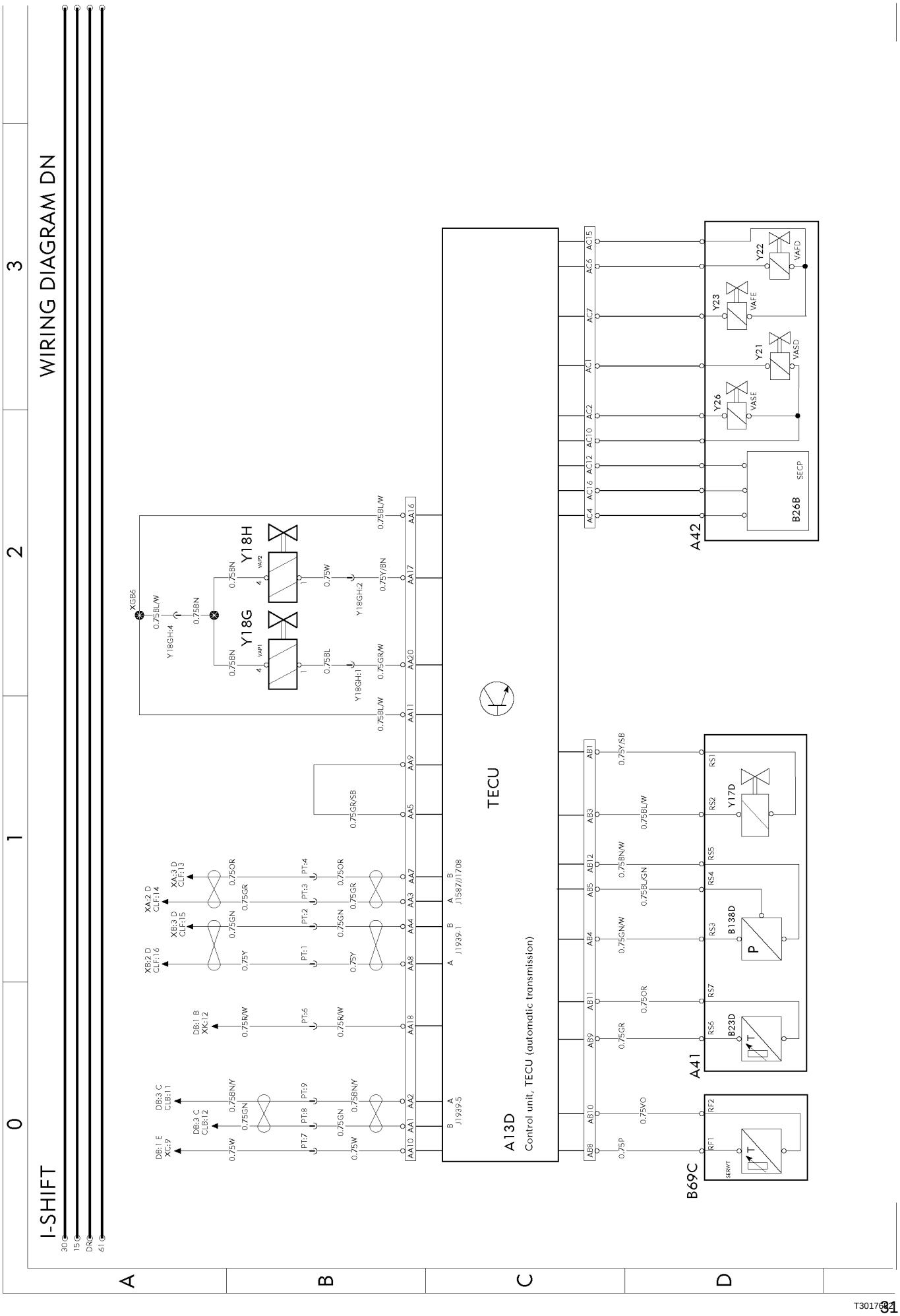

WIRING DIAGRAM CU
FUEL FILTER WATER DRAIN
0
1
2
3
A
B
C
D
30
15
DR
61
F15
10A
S72
XK:17
XK:18
1.5GN/R
0.75GN/R
0.75BL
0.75BL/SB
0.35 BL/SB
0.35 W
0.35W
XA:3
S28A:9
S28A:10
A17.PA4
EM:12
XD:2

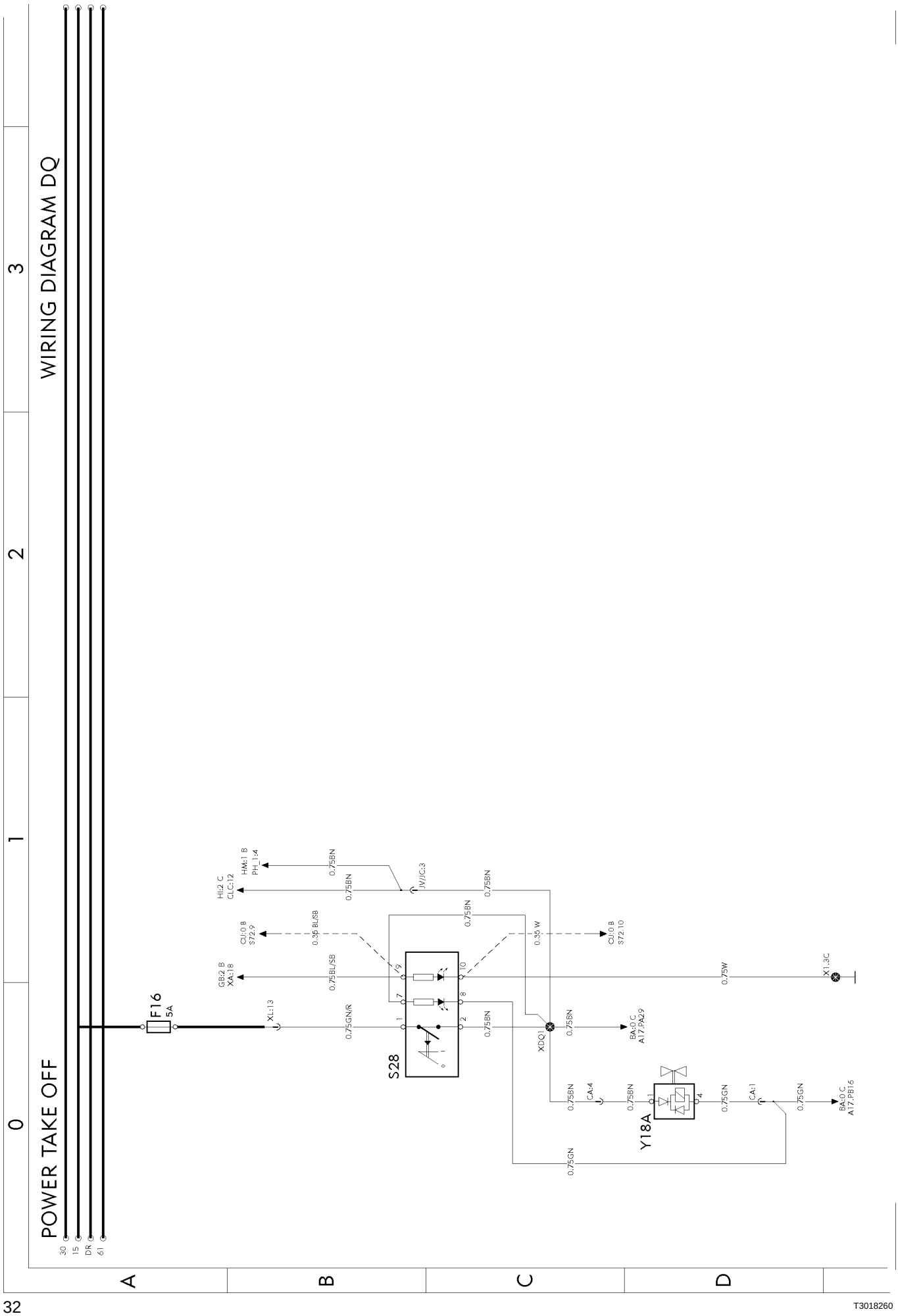

WIRING DIAGRAM DB
GEAR SELECTOR ECU
Control unit, GECU (gear selector ECU) Powertronic/I-shift
A19_B/C
Control unit, GECU (gear selector ECU) Geartronic
A19_A
F57 3A
F11 5A
F12 10A
K5


GEARTRONIC
AUTOMATIC GEARSHIFT
WIRING DIAGRAM DE
0
1
2
3
A
B
C
D
30
15
DR
61
TECU
Control unit, TECU (automatic transmission)
A13A
A41
A42
Y30A
Y30B
Y30C
Y30D
Y18
B34A
B34B
B36
B35
B08
B09A
B64
B69A
B138A
B23A
B26A
Y17A
Y21
Y22
Y23
Y26
R34
0.75BN
0.75W
0.75P
0.75BN/W
0.75BL/GN
0.75GR
0.75GN
0.75Y/SB
0.75BL/W
0.75Y
0.75GR
0.75OR
1.5R/W
1.5BN
1.5W

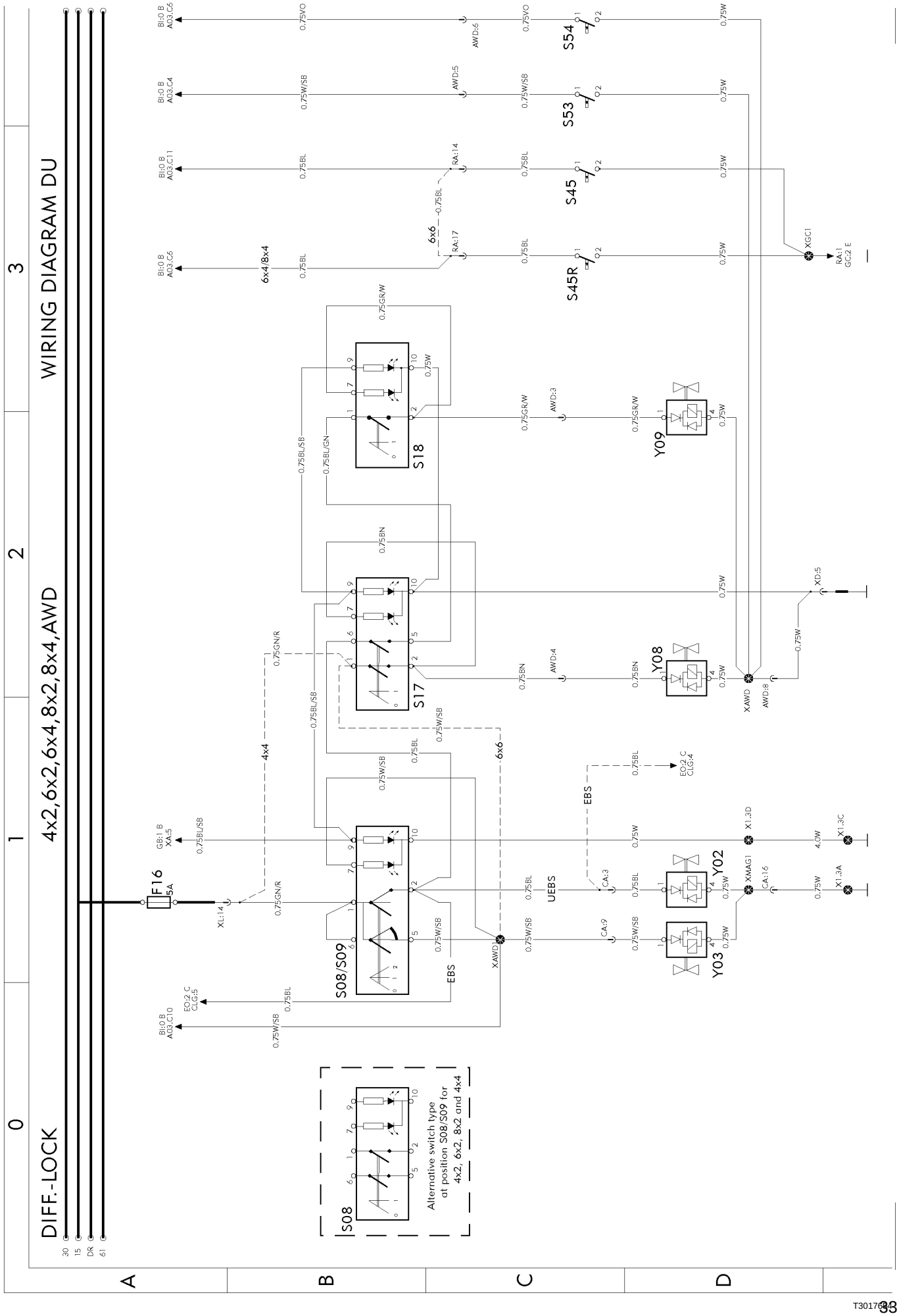

WIRING DIAGRAM DI
POWERTRONIC
30
15
DR
61
A13B
Control unit, TECU (automatic transmission)
J1939
J1708/J1587
CAN 1
B138B
R14B
Y17B
B68
Y30C
Y18B
B23B
XCL1
XCL2
XGB1
XGB2
XGB3
XGB4
XGB5
PS:7
RP:8
RP:9
XA:2 D BAB:4
XA:3 D BAB:3
XB:1 D BAB:15
XB:3 D BAB:16
DB:2 B CLF:10
DB:1 D CLF:11

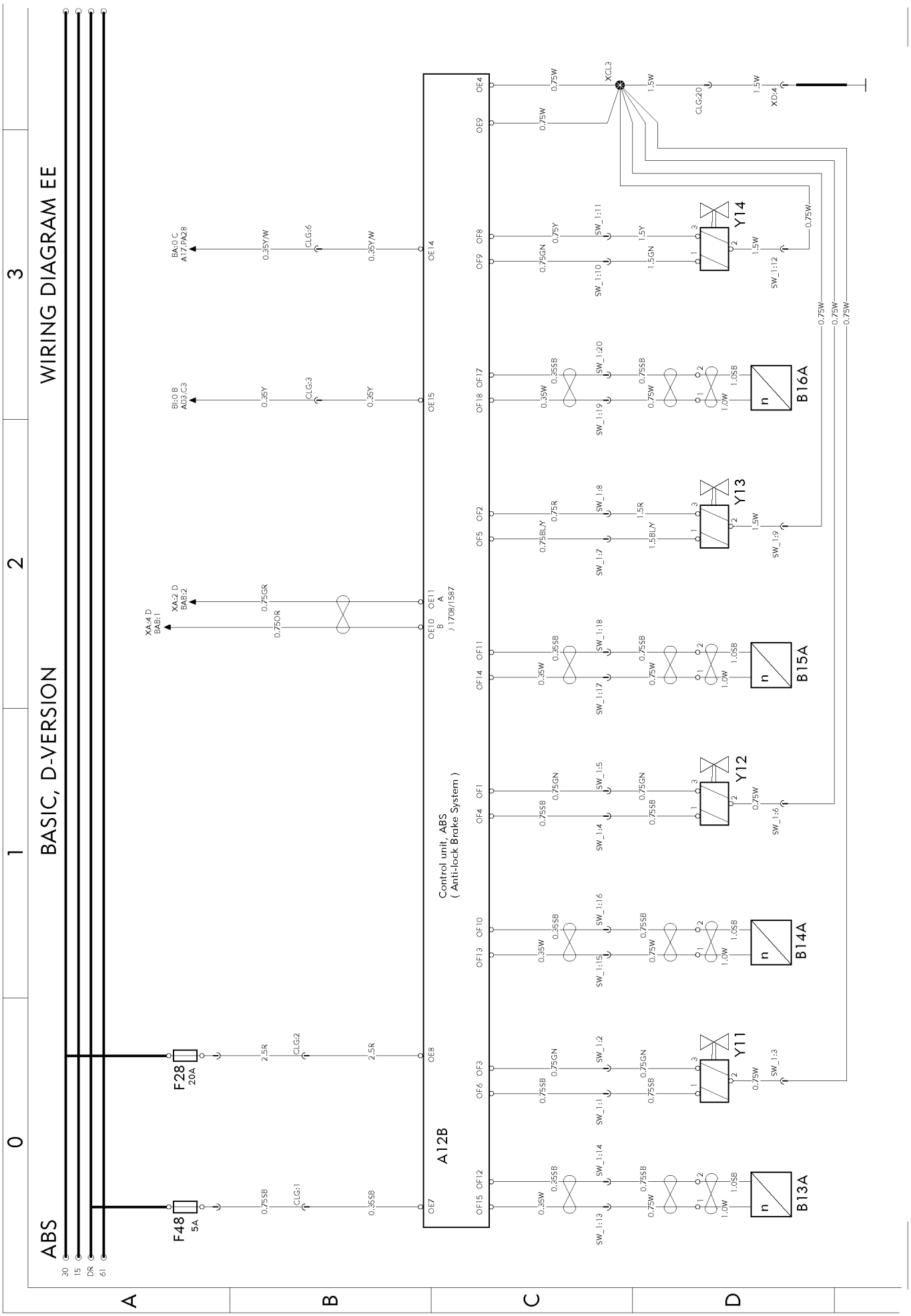

WIRING DIAGRAM DM
MANUAL GEARSHIFT
RETARDER
RHD only
Control unit, TECU (automatic transmission)
A13C
A41
B69B
B23C
B138C
Y17C
K5
F57
3A
F12
10A
F11
5A
CAN 1
J1939
J1708/J1587
30
15
DRL
61


WIRING DIAGRAM DN
I-SHIFT
30
15
DR
61
A13D
Control unit, TECU (automatic transmission)
TECU
A41
A42
B69C
B23D
B138D
B26B
SECP
Y17D
Y18G
Y18H
Y21
Y22
Y23
Y26
VASD
VAFD
VAFE
VASE
XGB6
T30176

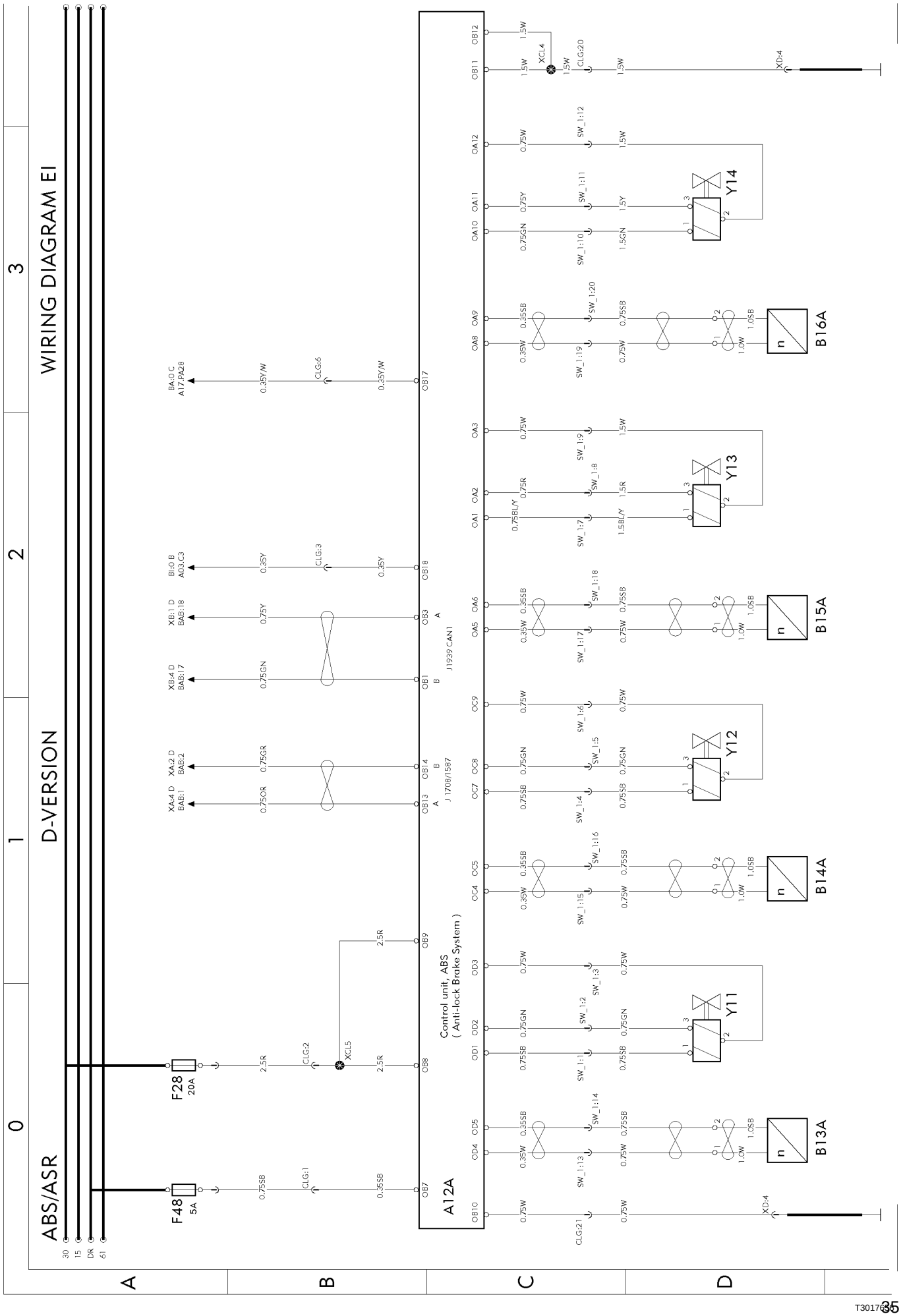

WIRING DIAGRAM DQ
POWER TAKE OFF
0
1
2
3
A
B
C
D
30
15
DR
61
F16
5A
S28
Y18A
XQ01
XL:13
0.75GN/R
0.75BL/SB
0.75BN
0.35 BL/SB
0.35 W
0.75W
0.75GN
HI:2 C
CLC:12
HM:1 B
PH_1:-4
JVJC:3
CU:0 B
S72.9
CU:0 B
S72.10
GB:2 B
XA:18
X1.3C
CA:4
CA:1
BA:0 C
A17.PA29
BA:0 C
A17.PB16

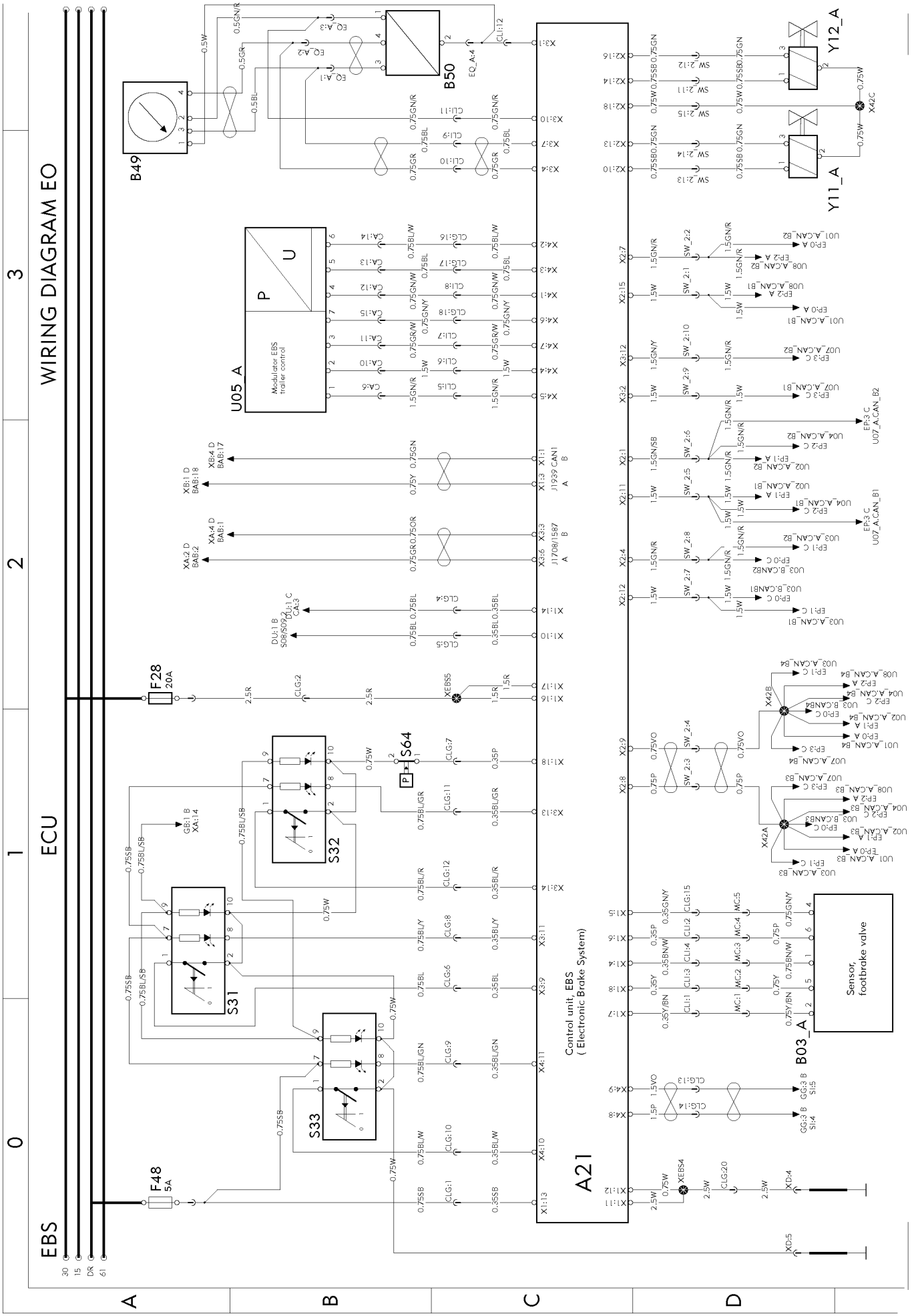
T3018260


DIFF.-LOCK
4x2,6x2,6x4,8x2,8x4,AWD
WIRING DIAGRAM DU
30
15
DR
61
F16
5A
S08/S09
S08
S17
S18
S45
S45R
S53
S54
Y02
Y03
Y08
Y09
UEBS
EBS
4x4
6x6
6x4/8x4
XAWD
XGC1
XMAG1
Alternative switch type
at position S08/S09 for
4x2, 6x2, 8x2 and 4x4

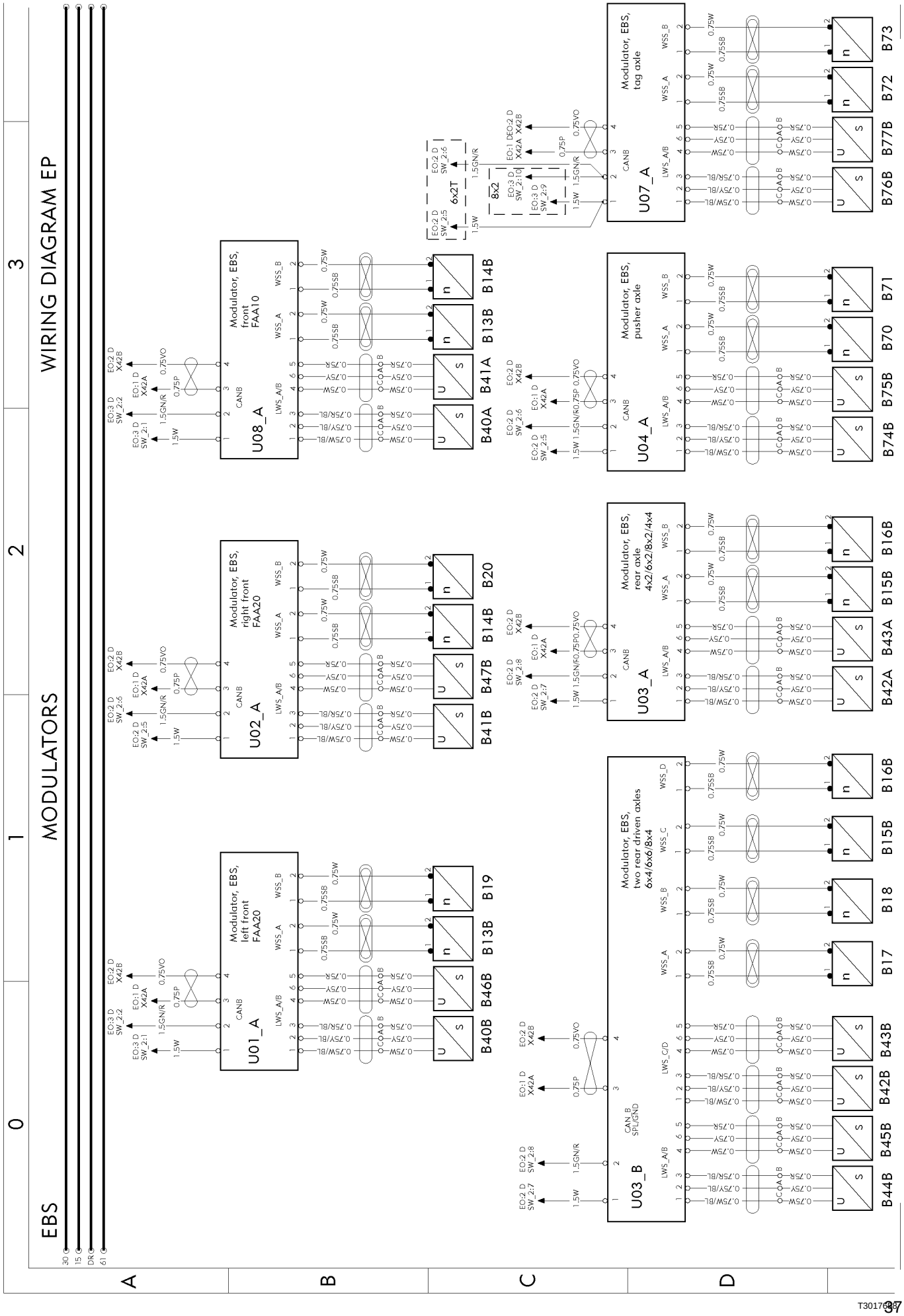

ABS
BASIC, D-VERSION
WIRING DIAGRAM EE
30
15
DR
61
F48
5A
F28
20A
A12B
Control unit, ABS
(Anti-lock Brake System)
XA:4 D
BAB:1
XA:2 D
BAB:2
J1708/J1587
BA:0 C
A17.PA28
BI:0 B
A03.C3
XCL3
CLG:20
XD:4
Y14
Y13
Y12
Y11
B16A
B15A
B14A
B13A

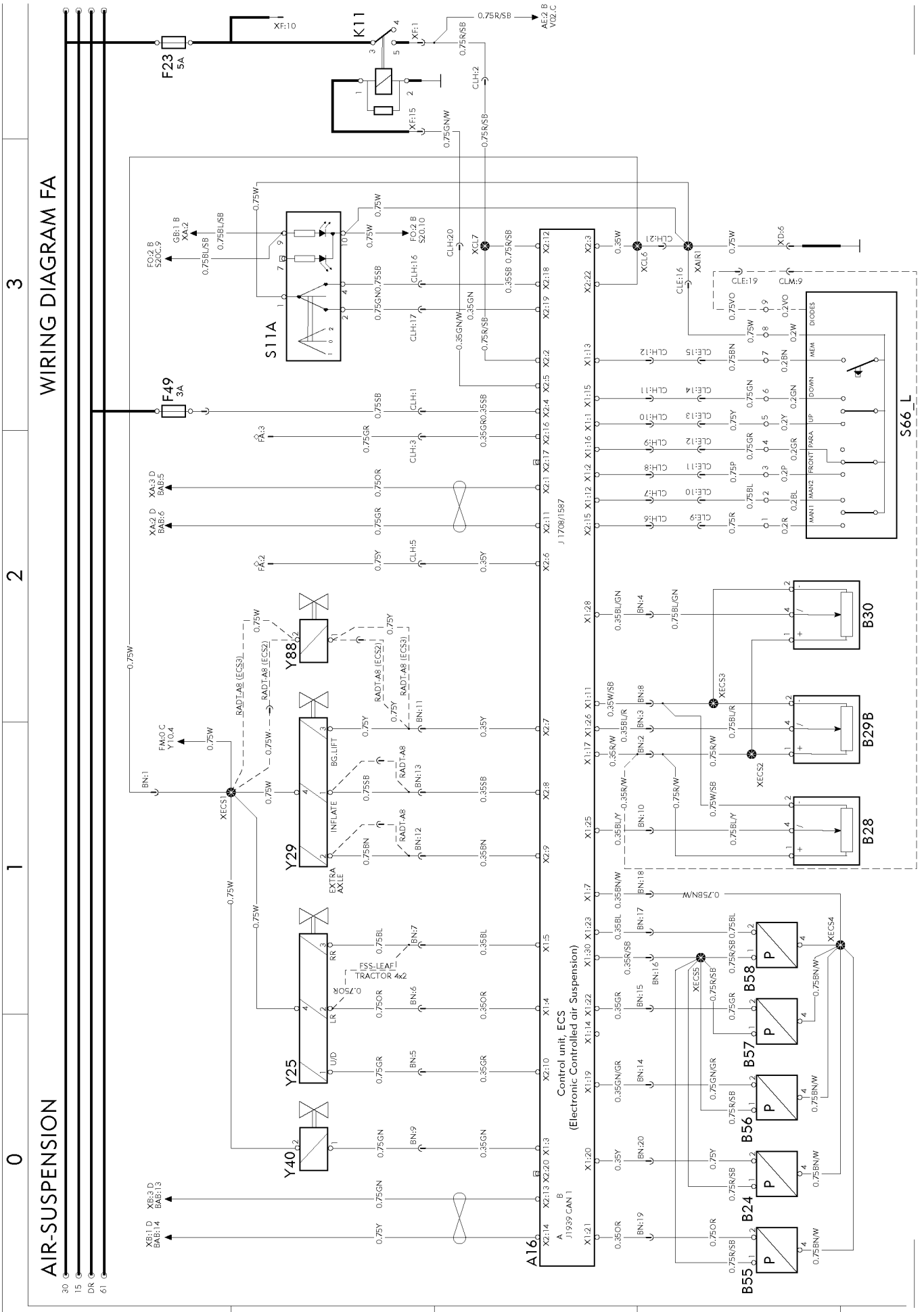
T3017655

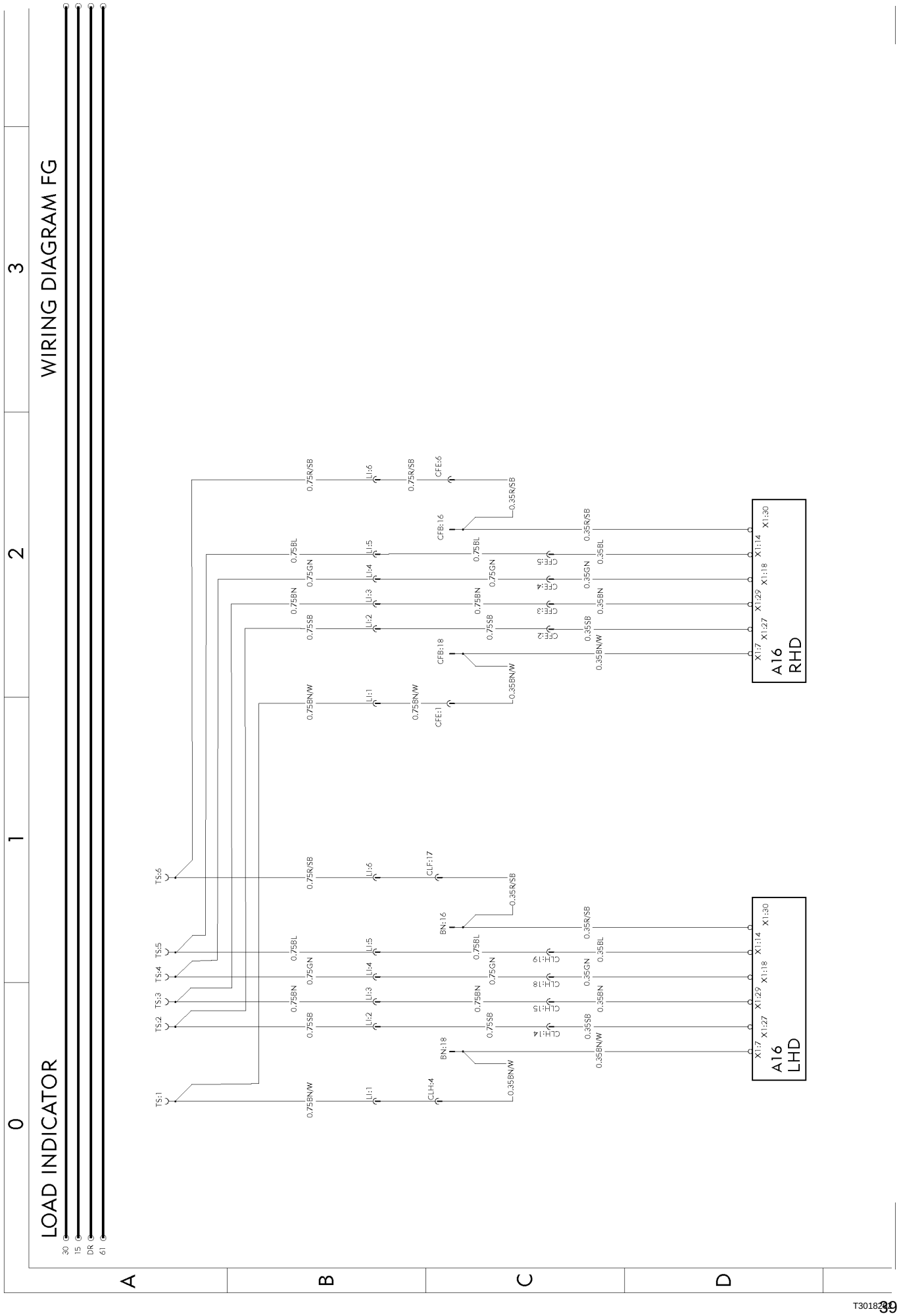

ABS/ASR
D-VERSION
WIRING DIAGRAM EI
0
1
2
3
A
B
C
D
30
15
DR
61
F48
5A
F28
20A
A12A
Control unit ABS
(Anti-lock Brake System)
J 1939 CAN1
J 1708/1587
XCL5
XCL4
Y11
Y12
Y13
Y14
B13A
B14A
B15A
B16A
XD:4
CLG:1
CLG:2
CLG:3
CLG:6
CLG:20
CLG:21
SW_1:1
SW_1:2
SW_1:3
SW_1:4
SW_1:5
SW_1:6
SW_1:7
SW_1:8
SW_1:9
SW_1:10
SW_1:11
SW_1:12
SW_1:13
SW_1:14
SW_1:15
SW_1:16
SW_1:17
SW_1:18
SW_1:19
SW_1:20

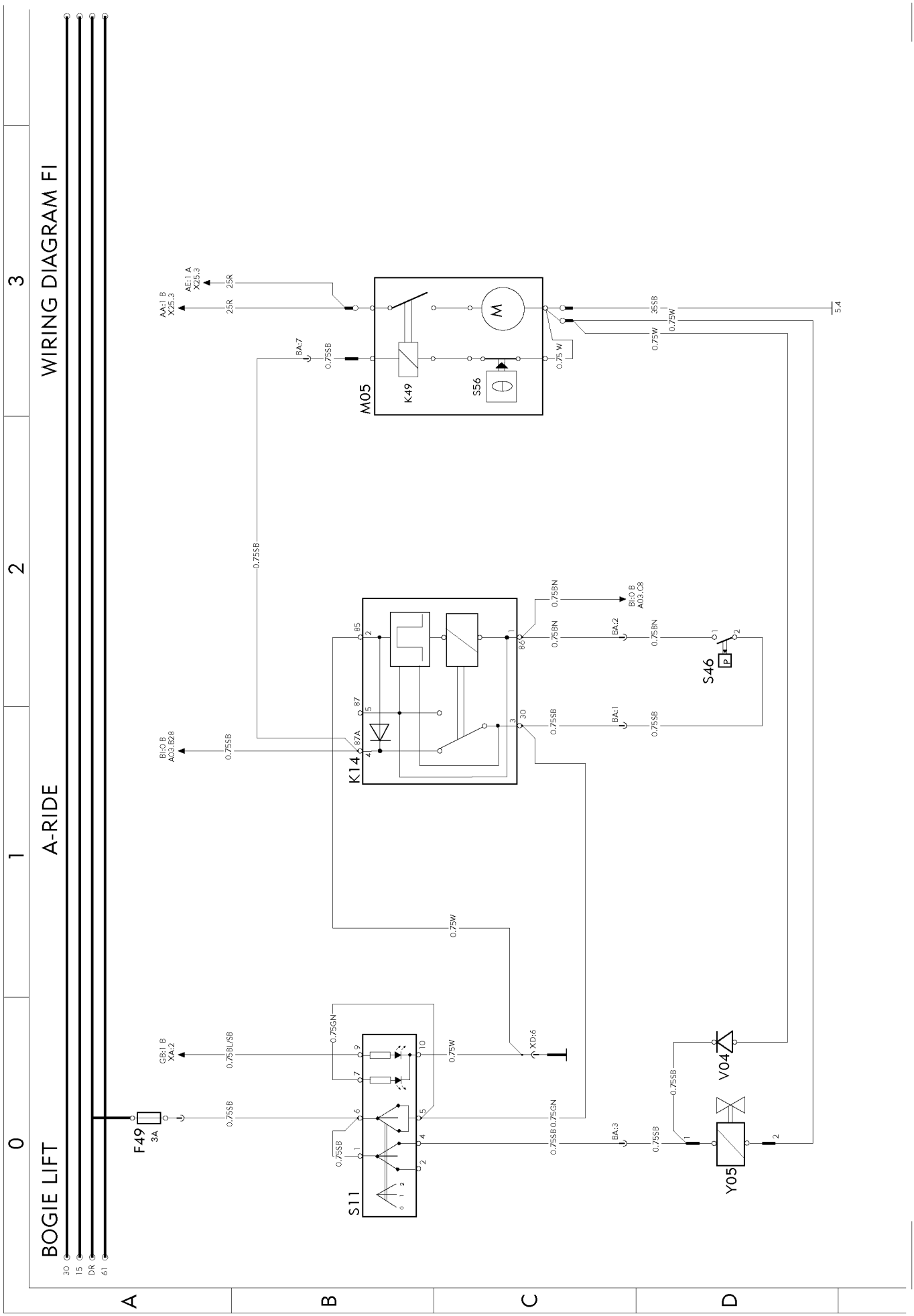

WIRING DIAGRAM EO
EBS
ECU
30
15
DR
61
F48
5A
F28
20A
A21
Control unit, EBS
(Electronic Brake System)
B49
B50
B03_A
Sensor,
footbrake valve
U05_A
Modulator EBS
trailer control
S31
S32
S33
S64
Y11_A
Y12_A
J1939 CAN1
J1708/1587
U01_A.CAN_B1
U01_A.CAN_B2
U01_A.CAN_B3
U01_A.CAN_B4
U02_A.CAN_B1
U02_A.CAN_B2
U02_A.CAN_B3
U02_A.CAN_B4
U03_A.CAN_B1
U03_A.CAN_B2
U03_A.CAN_B3
U03_A.CAN_B4
U04_A.CAN_B1
U04_A.CAN_B2
U04_A.CAN_B3
U04_A.CAN_B4
U07_A.CAN_B1
U07_A.CAN_B2
U07_A.CAN_B3
U07_A.CAN_B4
U08_A.CAN_B1
U08_A.CAN_B2
U08_A.CAN_B3
U08_A.CAN_B4
A
B
C
D
0
1
2
3

T3017657

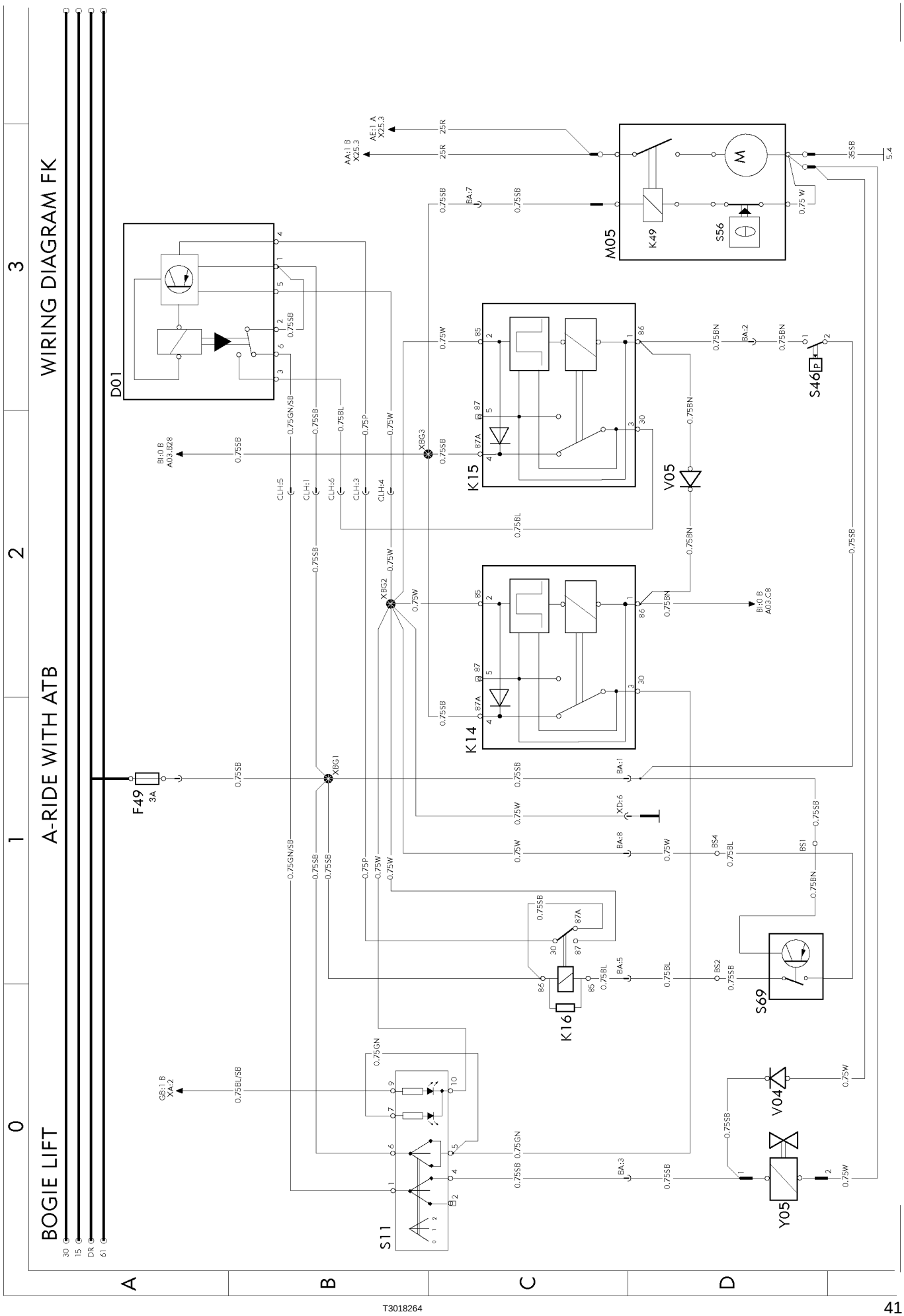

EBS
MODULATORS
WIRING DIAGRAM EP
0
1
2
3
A
B
C
D
30
15
DR
61
U01_A
Modulator, EBS, left front FAA20
U02_A
Modulator, EBS, right front FAA20
U03_A
Modulator, EBS, rear axle 4x2/6x2/8x2/4x4
U03_B
Modulator, EBS, two rear driven axles 6x4/6x6/8x4
U04_A
Modulator, EBS, pusher axle
U07_A
Modulator, EBS, tag axle
U08_A
Modulator, EBS, front FAA10
6x2T
8x2
B40B B46B B13B B19
B41B B47B B14B B20
B42A B43A B15B B16B
B74B B75B B70 B71
B76B B77B B72 B73
B40A B41A B13B B14B
B44B B45B B42B B43B
B17 B18 B15B B16B

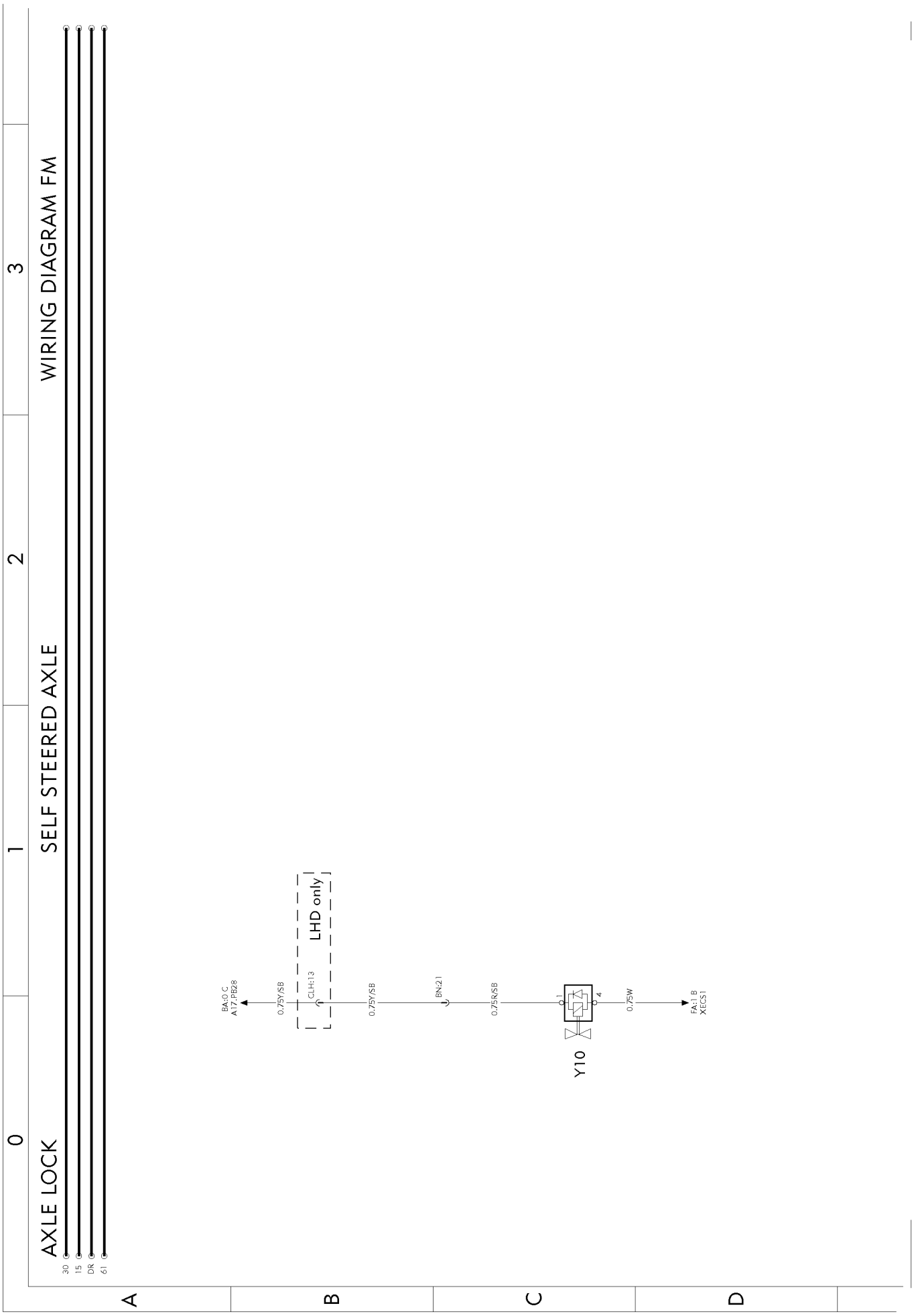

AIR-SUSPENSION
WIRING DIAGRAM FA
A16
Control unit, ECS
(Electronic Controlled air Suspension)
S11A
S66_L
K11
F23
5A
F49
3A
Y88
Y29
Y25
Y40
B30
B29B
B28
B58
B57
B56
B24
B55
XECS1
XECS2
XECS3
XECS4
XECS5
FSS-LEAF
TRACTOR 4x2
EXTRA AXLE
INFLATE
BG.LIFT
RADT-A8
RADT-A8 (ECS2)
RADT-A8 (ECS3)
J1939 CAN 1
J1708/1587


WIRING DIAGRAM FG
LOAD INDICATOR
30
15
DR
61
A16
LHD
A16
RHD
0.75R/SB
0.75BL
0.75GN
0.75BN
0.75SB
0.75BN/W
0.35R/SB
0.35BL
0.35GN
0.35BN
0.35SB
0.35BN/W

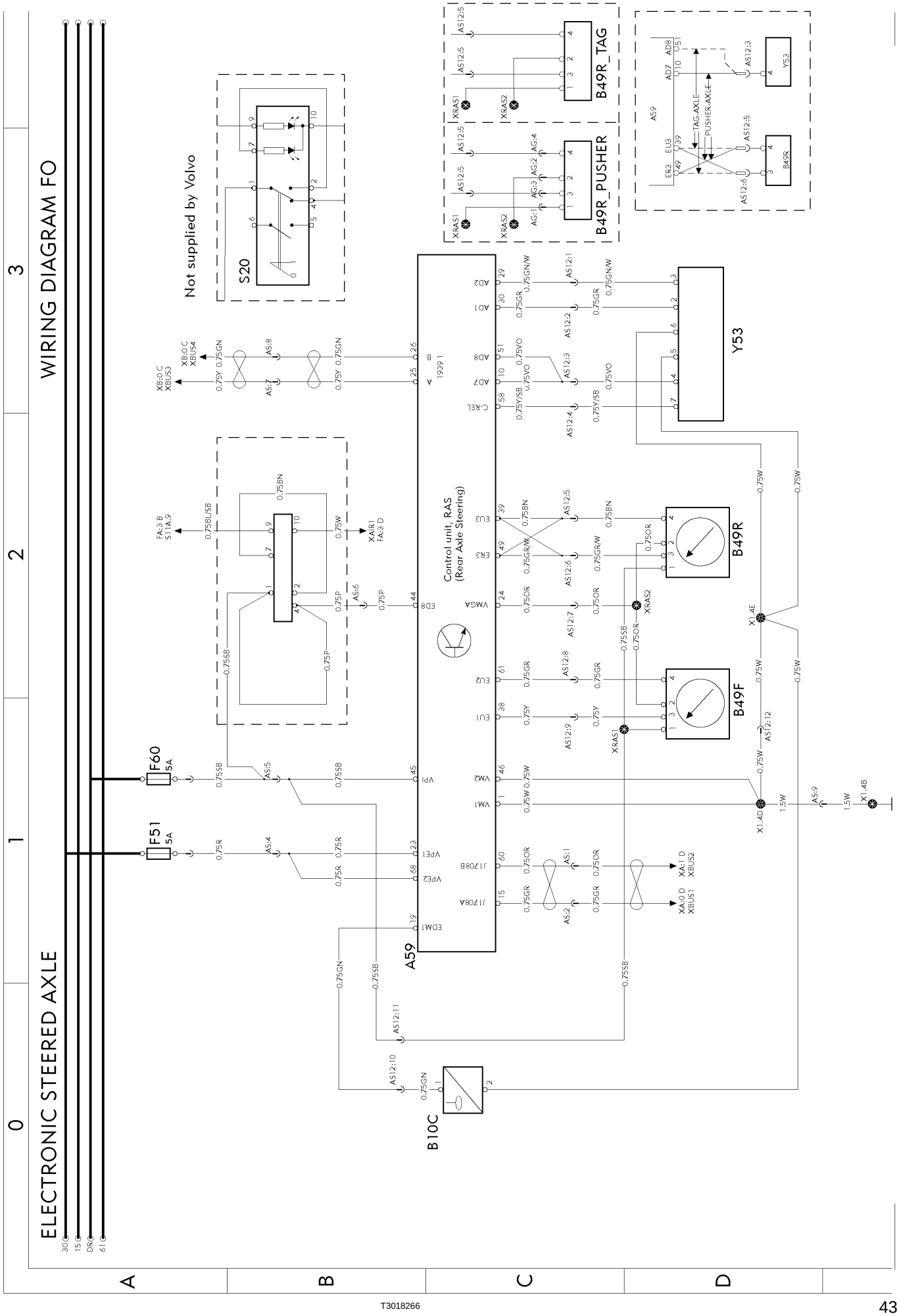

WIRING DIAGRAM FI
A-RIDE
BOGIE LIFT
0
1
2
3
A
B
C
D
30
15
DR
61
F49
3A
M05
K49
S56
M
K14
87A
S11
S46
V04
Y05
0.75SB
0.75BN
0.75W
0.75GN
0.75BL/SB
25R
35SB
BA:1
BA:2
BA:3
BA:7
XD:6
5.4

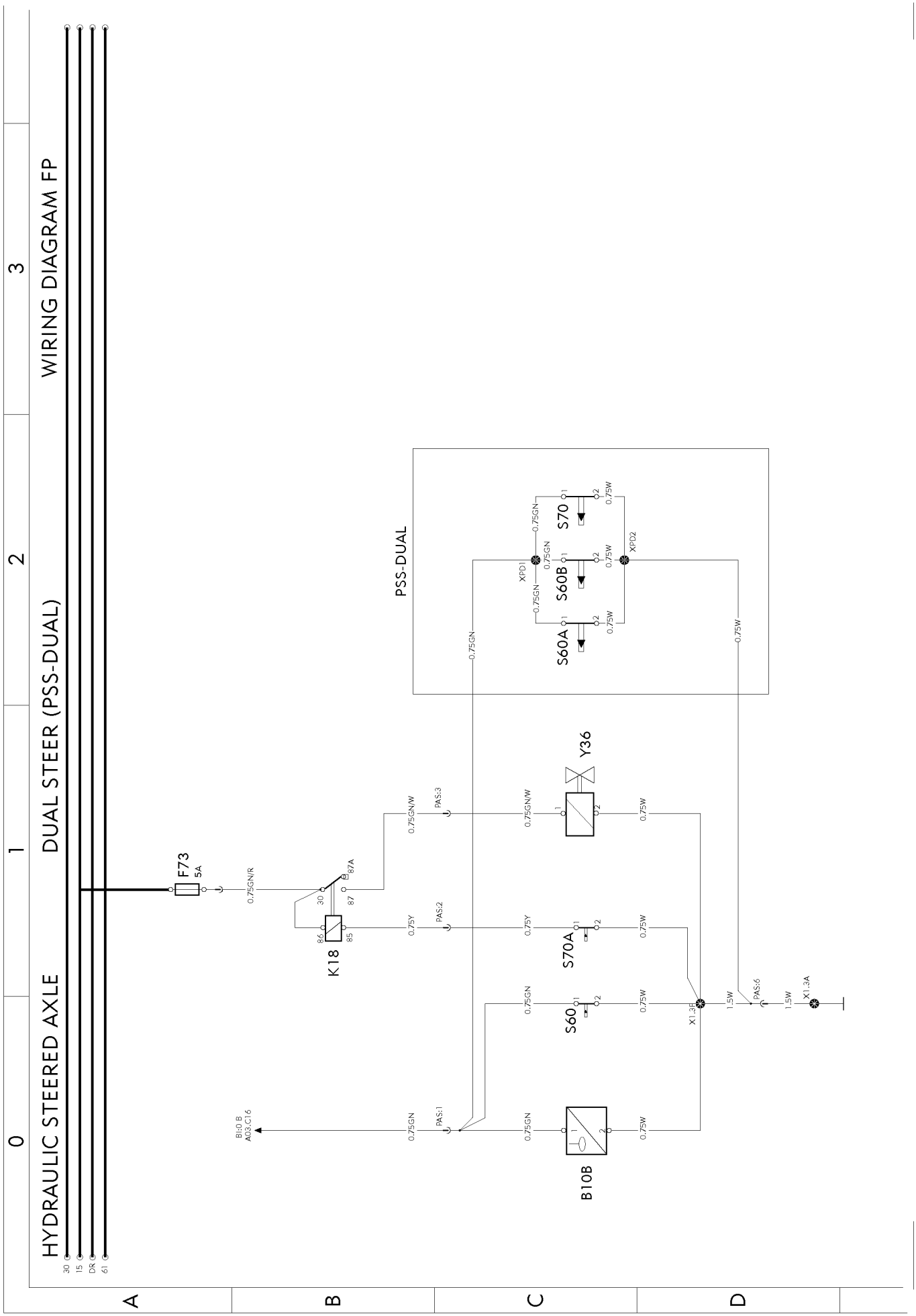
T3018263


WIRING DIAGRAM FK
A-RIDE WITH ATB
BOGIE LIFT
0
1
2
3
A
B
C
D
30
15
DR
61
D01
M05
K49
S56
K15
K14
K16
S46
S69
S11
V05
V04
Y05
F49
3A
XBG1
XBG2
XBG3
0.75SB
0.75W
0.75BN
0.75BL
0.75GN/SB
0.75GN
0.75P
0.75BL/SB
0.75R
0.75 W
3.5SB
CLH:1
CLH:2
CLH:3
CLH:4
CLH:5
CLH:6
BA:1
BA:2
BA:3
BA:4
BA:5
BA:7
BA:8
BS1
BS2
BS4
XD:6
AE:1 A X25:3
AA:1 B X25:3
BI:0 B A03:B28
BI:0 B A03:C8
GB:1 B XA:2
T3018264

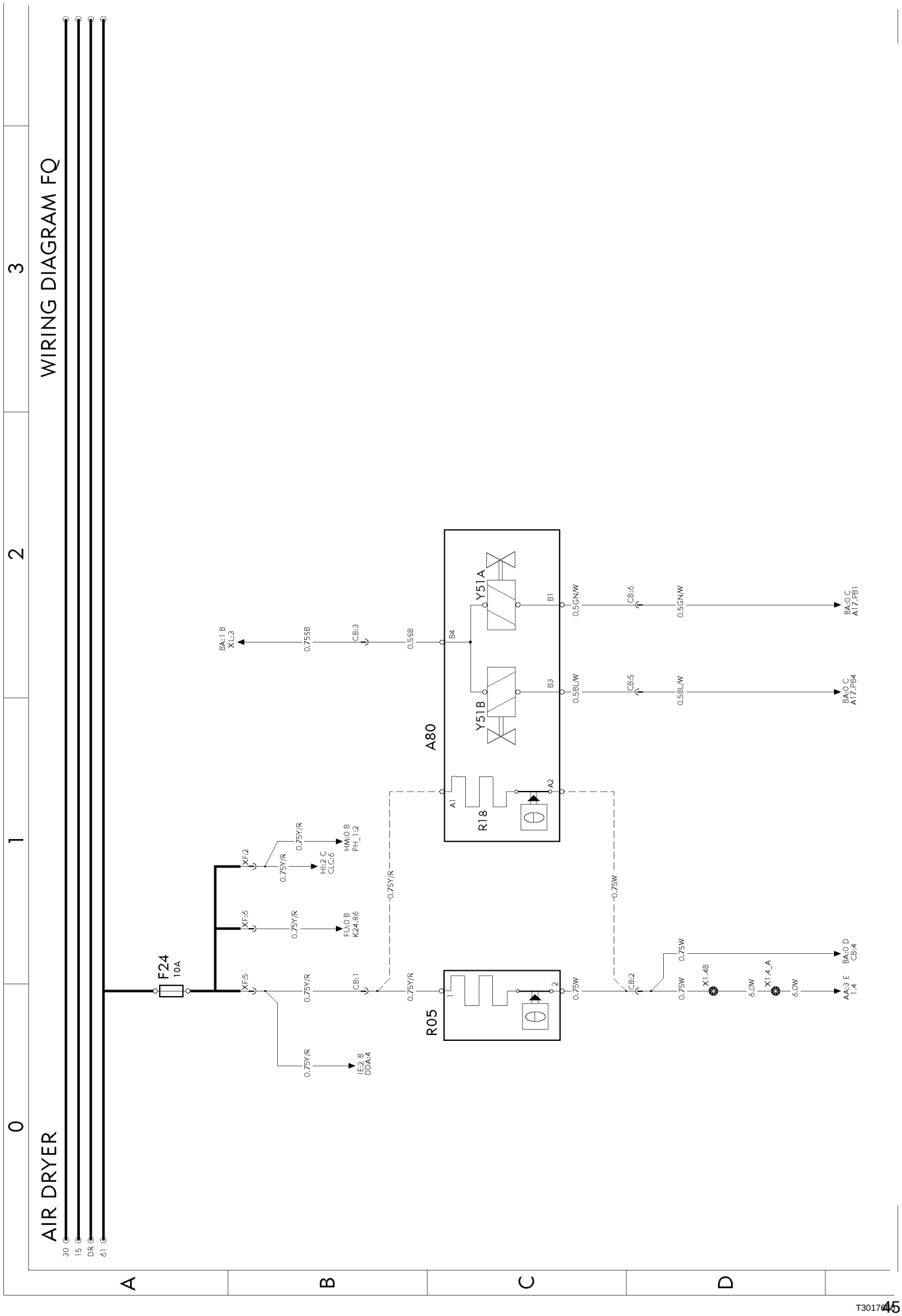

WIRING DIAGRAM FM
SELF STEERED AXLE
AXLE LOCK
0
1
2
3
A
B
C
D
30
15
DR
61
BA:10 C
A17.PB28
0.75Y/SB
CLH:13
LHD only
0.75Y/SB
BN:21
0.75RSB
0.1
4
0.75W
FA:1 B
XECS1
Y10

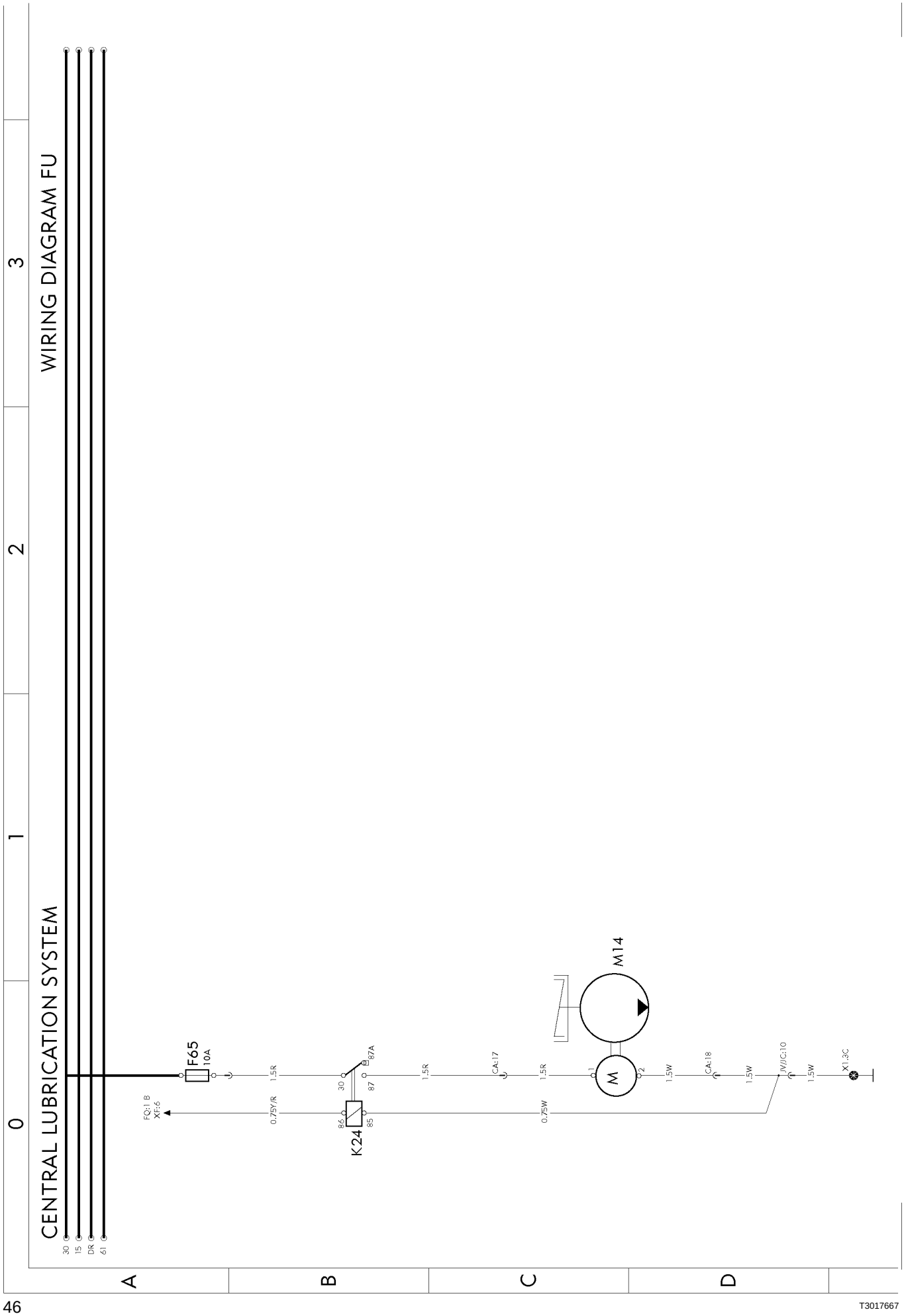
T3018265


ELECTRONIC STEERED AXLE
WIRING DIAGRAM FO
Not supplied by Volvo
S20
B49R_TAG
B49R_PUSHER
Y53
B49R
B49F
A59
Control unit, RAS
(Rear Axle Steering)
B10C
F60
5A
F51
5A
TAG-AXLE
PUSHER-AXLE

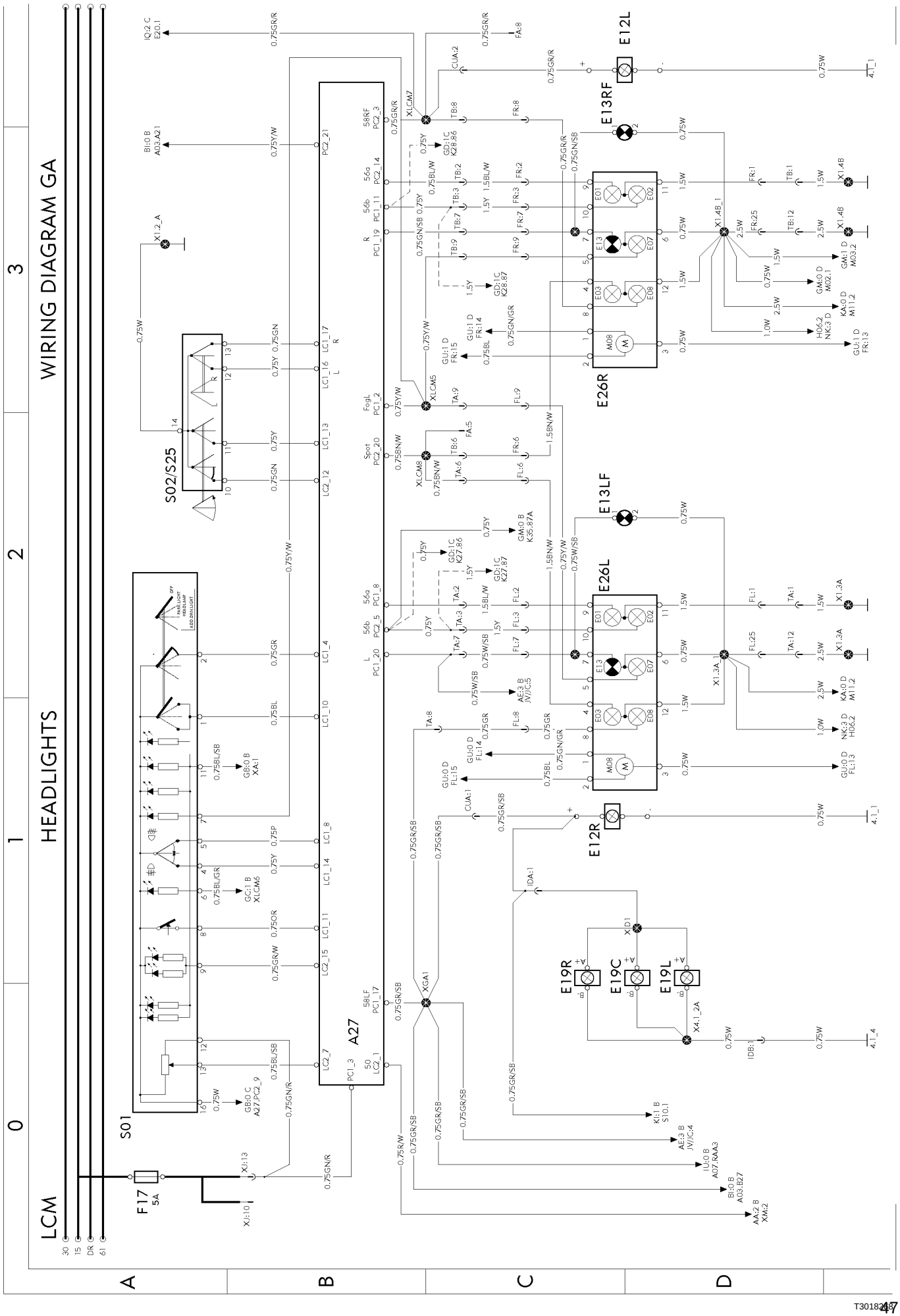

WIRING DIAGRAM FP
DUAL STEER (PSS-DUAL)
HYDRAULIC STEERED AXLE
0
1
2
3
A
B
C
D
30
15
DR
61
F73
5A
0.75GN/R
87A
30
87
86
85
K18
PAS:3
PAS:2
PAS:1
0.75GN/W
0.75Y
0.75GN
0.75W
Y36
S70A
S60
B10B
PSS-DUAL
S70
S60B
S60A
XPD1
XPD2
X1.3F
PAS:6
1.5W
X1.3A
Bl:0.B
A03.C16

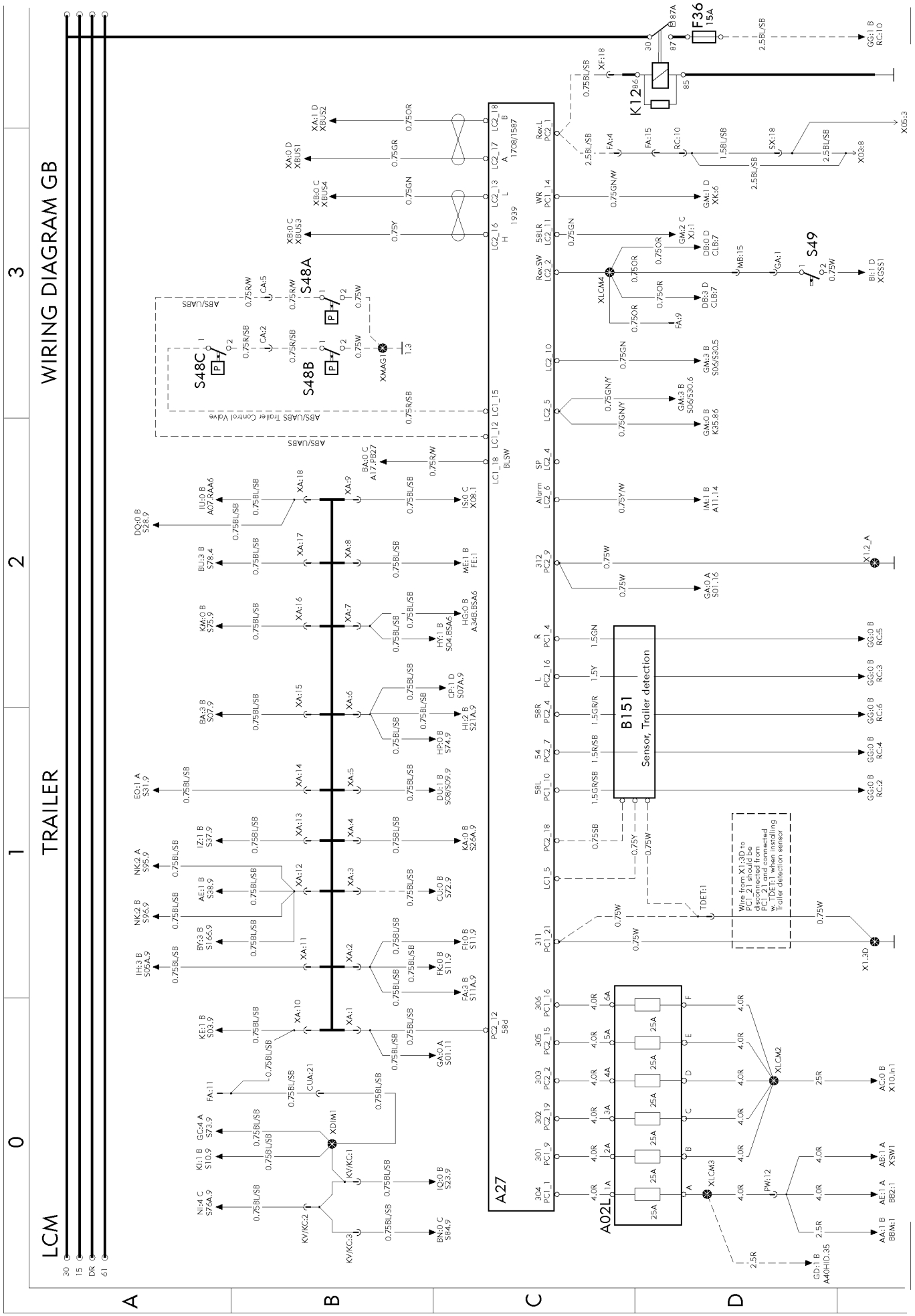
T3018267


WIRING DIAGRAM FQ
AIR DRYER
0
1
2
3
A
B
C
D
30
15
DR
61
F24
10A
XF:5
XF:6
XF:2
CB:1
0.75Y/R
0.75SB
0.5SB
CB:3
BA:1 B
XL:3
A80
Y51A
Y51B
R18
R05
A1
A2
B1
B3
B4
0.5GN/W
0.5BL/W
CB:6
CB:5
BA:0 C
A17:PB1
BA:0 C
A17:PB4
0.75W
CB:2
X1.4B
X1.4_A
6.0W
BA:0 D
CB:4
AA:3 E
1.4
HI:2 C
CLC:6
HM:0 B
PH_1:2
FU:0 B
K24:8.6
IE:2 B
DDA:4

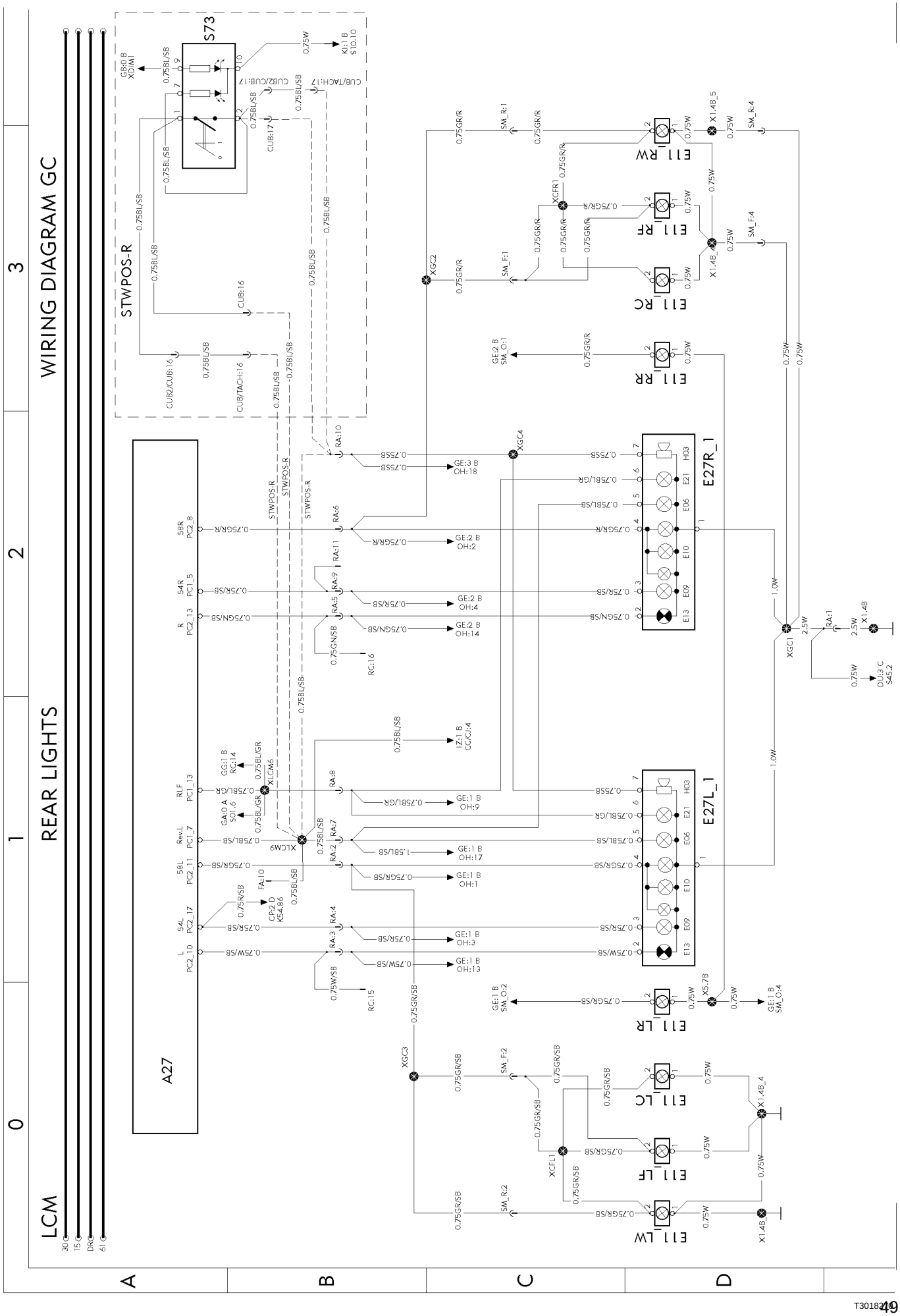

WIRING DIAGRAM FU
CENTRAL LUBRICATION SYSTEM
0
1
2
3
A
B
C
D
30
15
DR
61
F65
10A
1.5R
0.75Y/R
FC:1 B
XF:6
30
87
87A
86
85
K24
1.5R
CA:17
1.5R
0.75W
M14
M
1
2
1.5W
CA:18
1.5W
IV/IC:10
1.5W
X1.3C

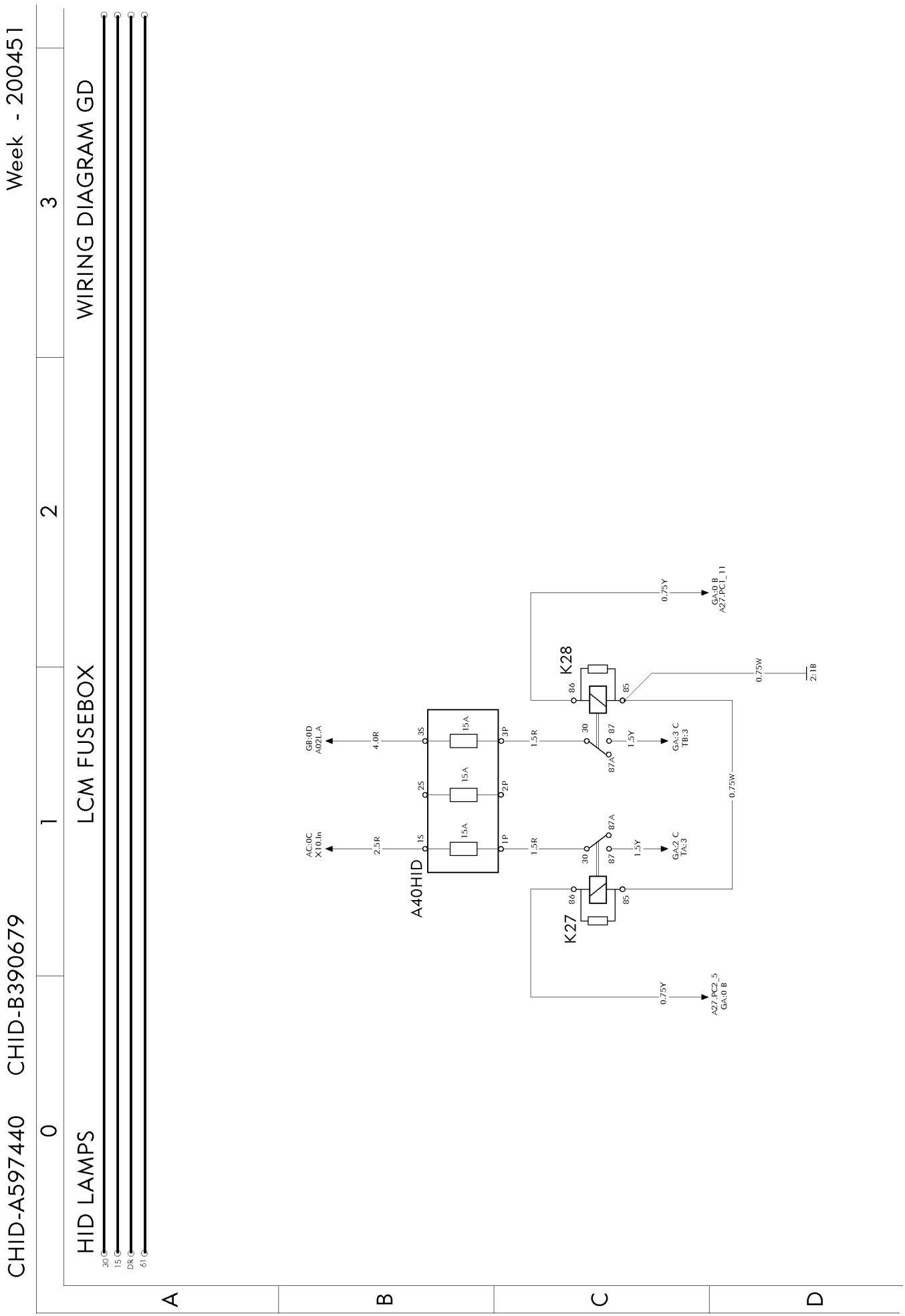
T3017667


LCM
HEADLIGHTS
WIRING DIAGRAM GA
F17
5A
S01
S02/S25
A27
E26R
E26L
E13LF
E13RF
E12L
E12R
E19R
E19C
E19L

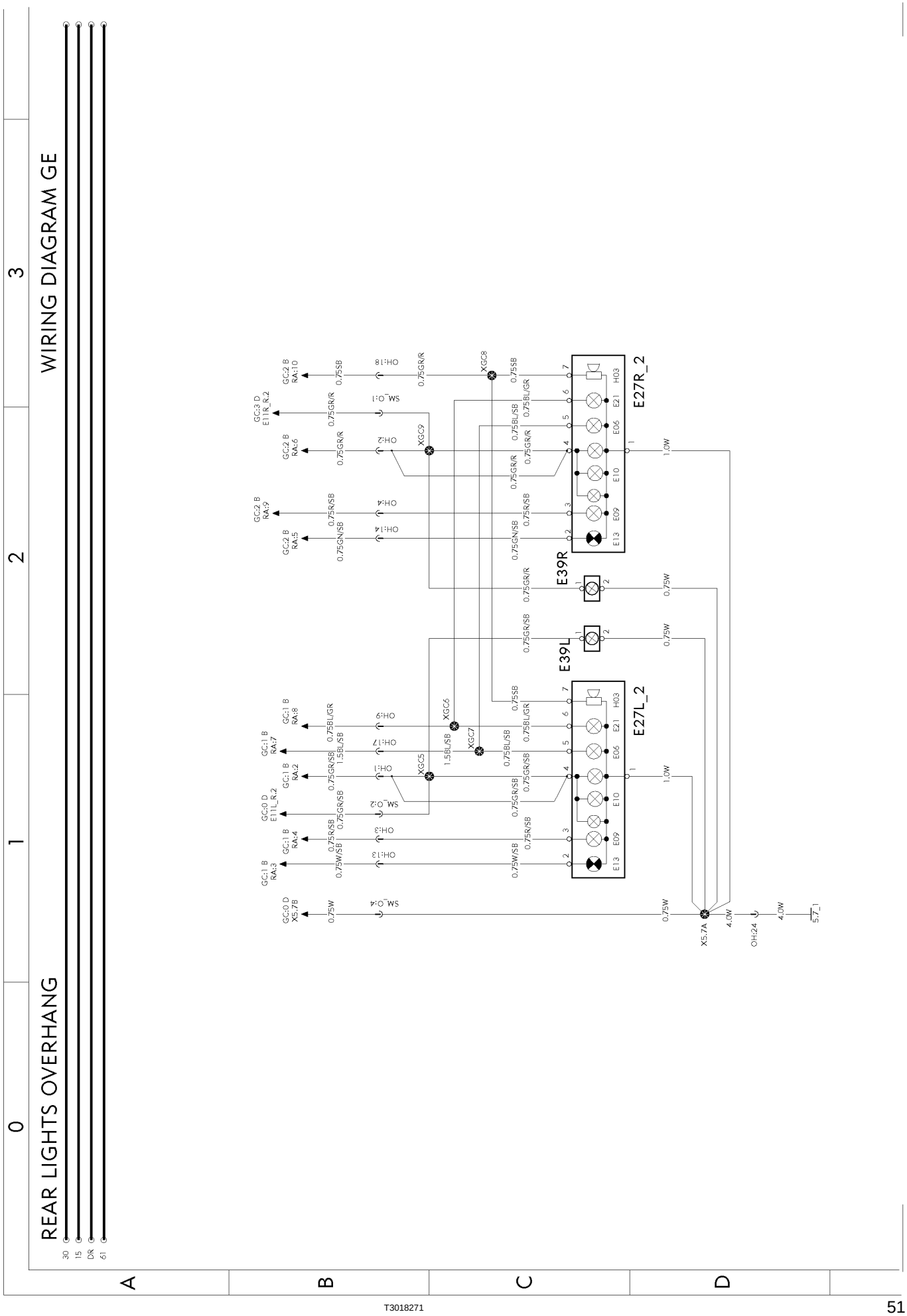

WIRING DIAGRAM GB
LCM
TRAILER
B151
Sensor, Trailer detection
A27
A02L
S48A
S48B
S48C
S49
K12
F36
15A
XLCM2
XLCM3
XLCM4
XDIM1
ABS/UABS Trailer Control Valve

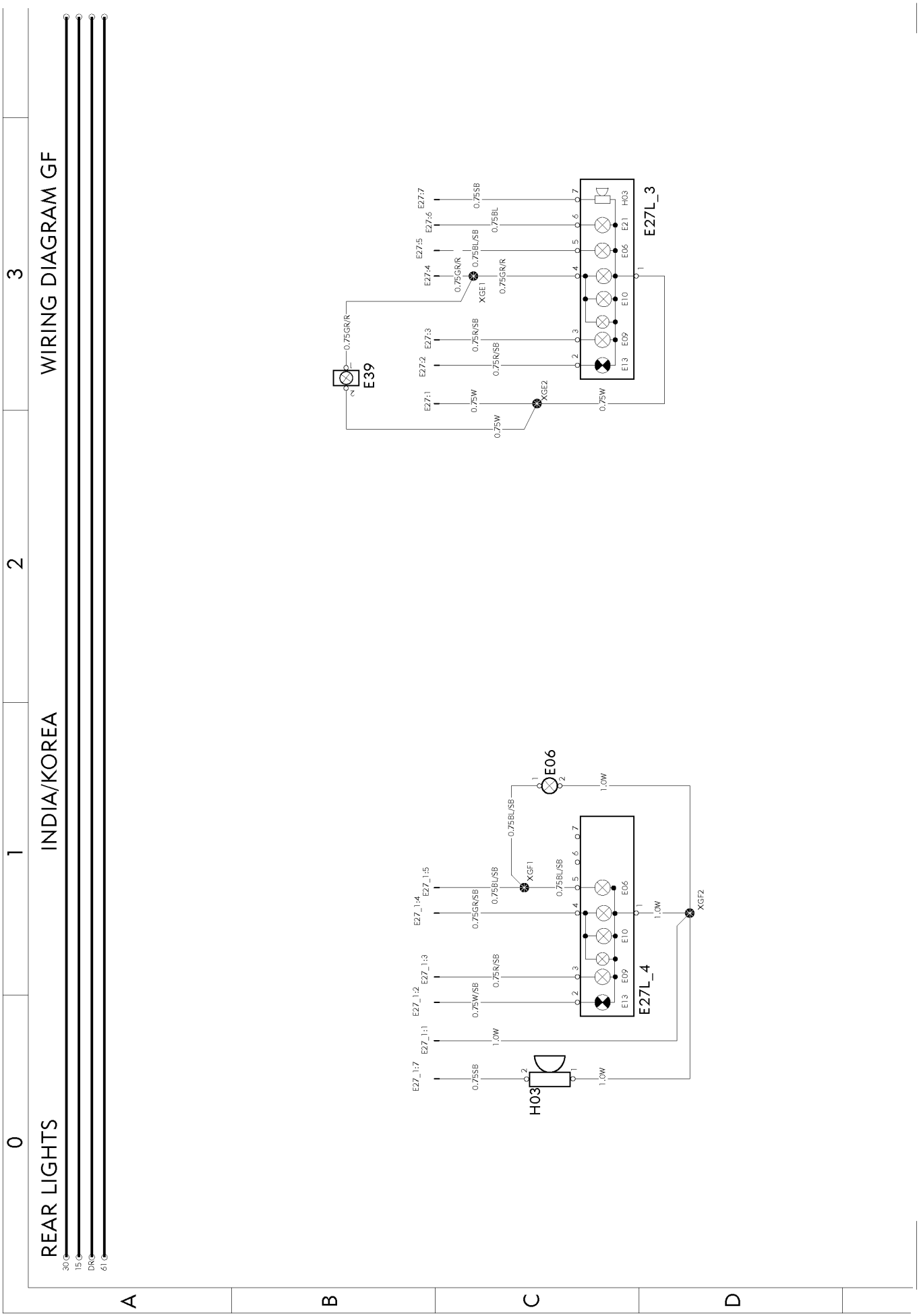
T3018269

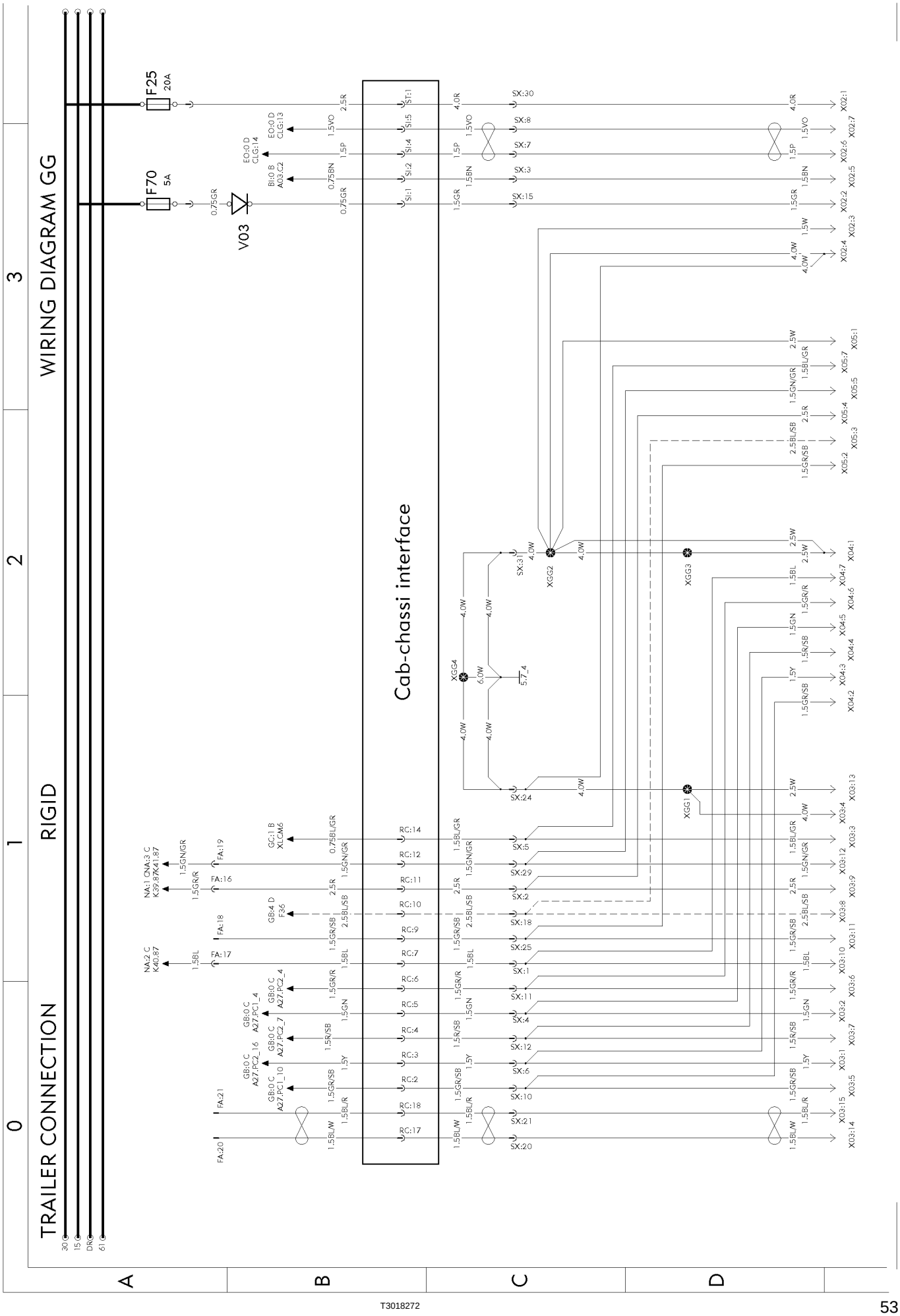

LCM
REAR LIGHTS
WIRING DIAGRAM GC
A27
STWPOS-R
S73
E27R_1
E27L_1
E11_RW
E11_RF
E11_RC
E11_RR
E11_LR
E11_LC
E11_LF
E11_LW
XGC1
XGC2
XGC3
XGC4
XCFR1
XCFL1
XCLCM9
XCLCM6
X1.4B_5
X1.4B_4
X1.4B_3
X1.4B_2
X1.4B
X5.7B

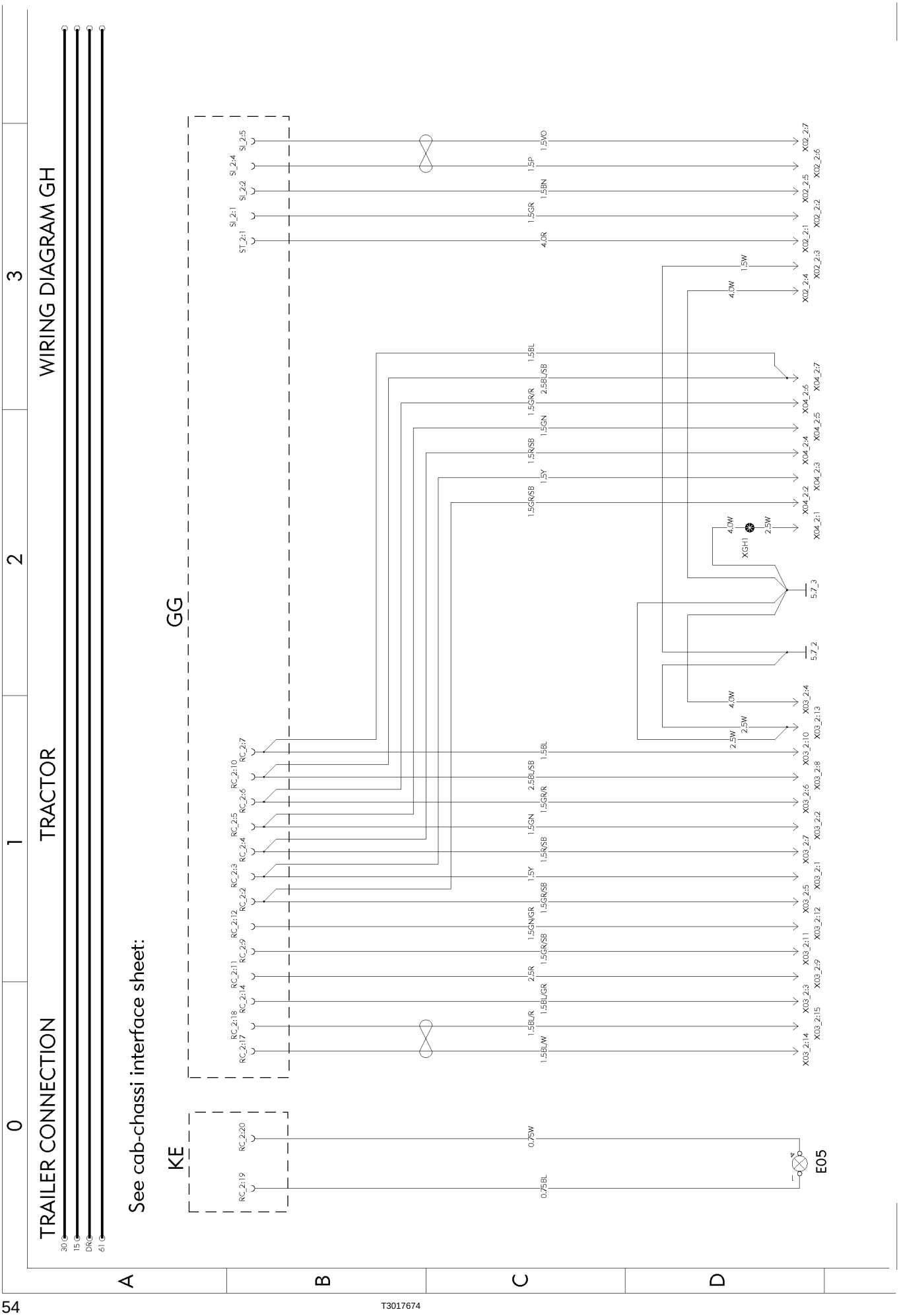

CHID-A597440
CHID-B390679
Week - 200451
HID LAMPS
LCM FUSEBOX
WIRING DIAGRAM GD
30
15
DR
61
A40HID
K27
K28
GB:0D A02L:A
AC:0C X10:In
GA:2 C TA:3
GA:3 C TB:3
GA:0 B A27:PC1_11
A27:PC2_5 GA:0 B
2:18

T3018227

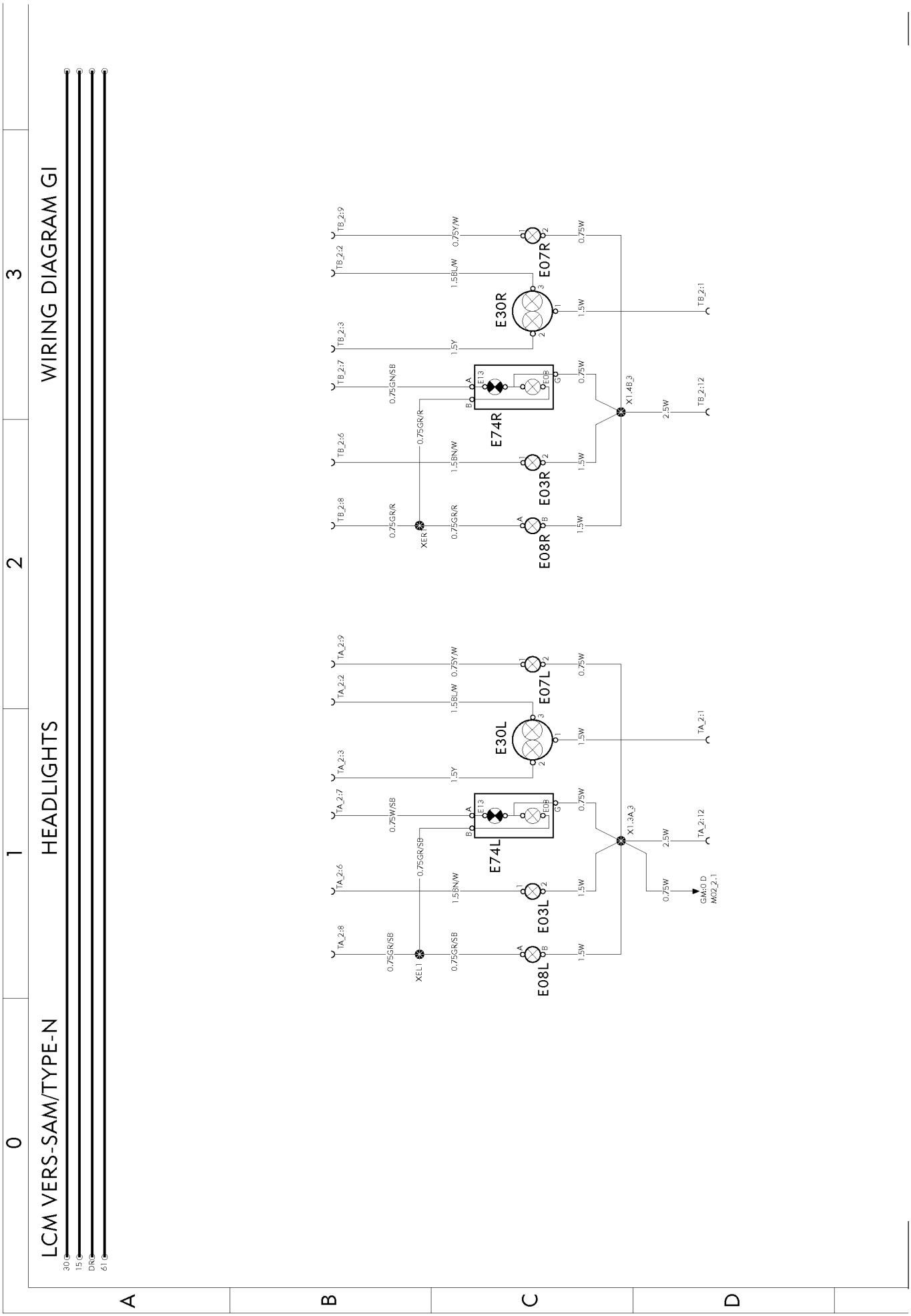

WIRING DIAGRAM GE
REAR LIGHTS OVERHANG
30
15
DR
61
E27R_2
E39R
E39L
E27L_2
XGC5
XGC6
XGC7
XGC8
XGC9
XS.7A
OH:24
5.7_1

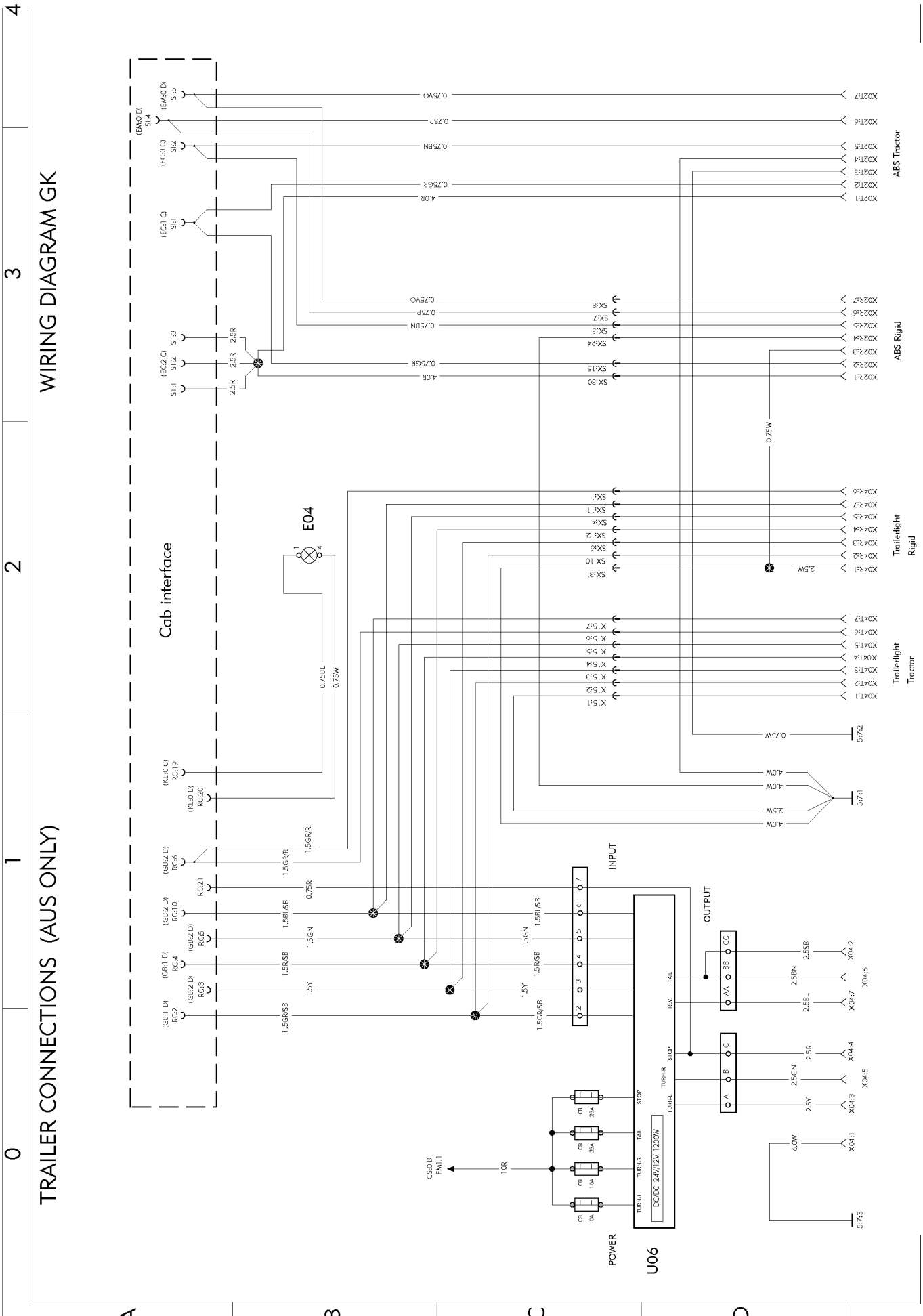

WIRING DIAGRAM GF
INDIA/KOREA
REAR LIGHTS
30
15
DR
61
0
1
2
3
A
B
C
D
E27L_3
E27L_4
E39
E06
H03
XGE1
XGE2
XGF1
XGF2
E27:1
E27:2
E27:3
E27:4
E27:5
E27:6
E27:7
E27_1:1
E27_1:2
E27_1:3
E27_1:4
E27_1:5
E27_1:7
0.75W
0.75R/SB
0.75GR/R
0.75BL/SB
0.75BL
0.75SB
0.75GR/SB
0.75W/SB
1.0W
E13
E09
E10
E21
H03

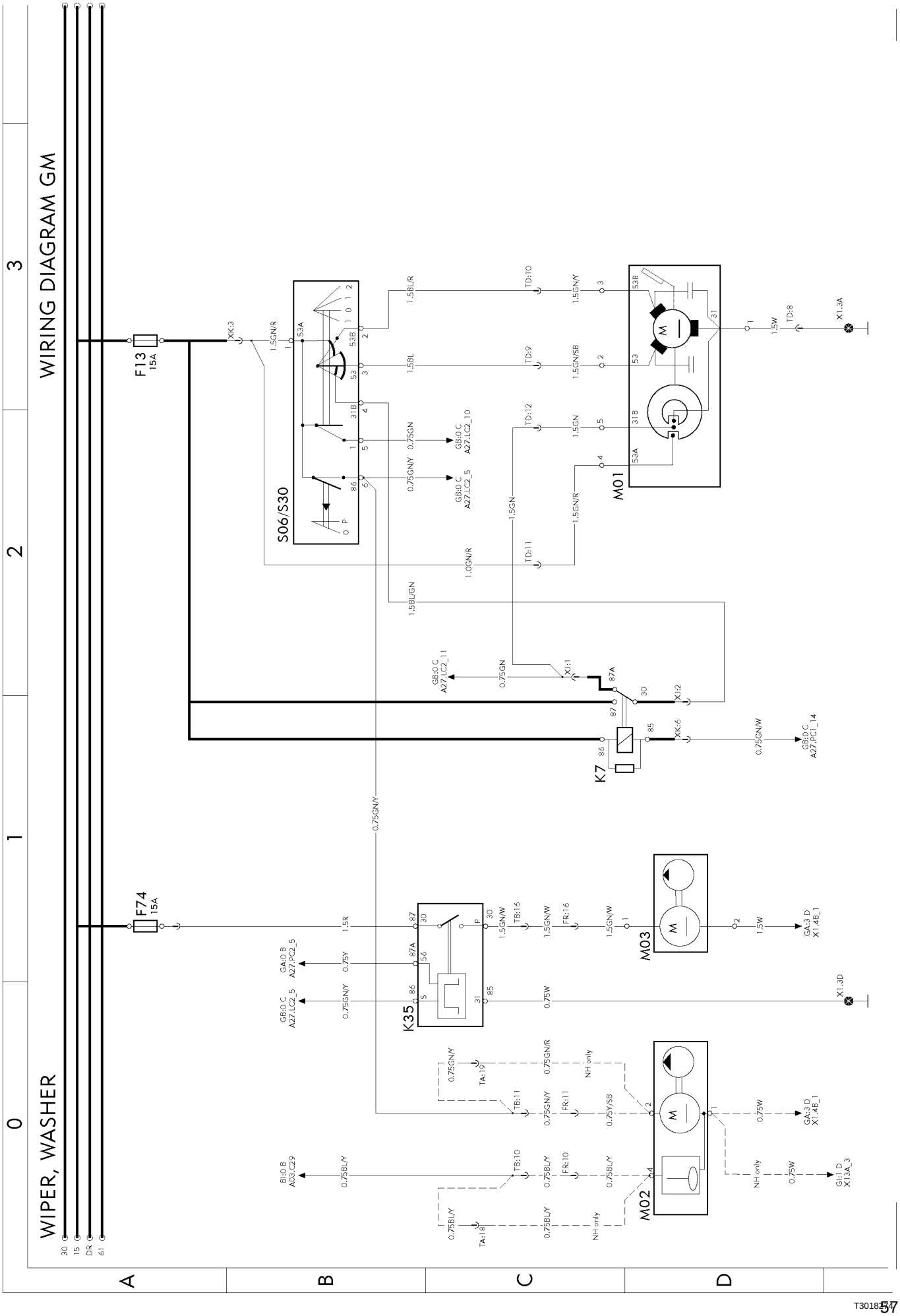

TRAILER CONNECTION RIGID
WIRING DIAGRAM GG
0
1
2
3
A
B
C
D
30
15
DR
61
F25
20A
F70
5A
V03
Cab-chassi interface
XGG1
XGG2
XGG3
XGG4
T3018272

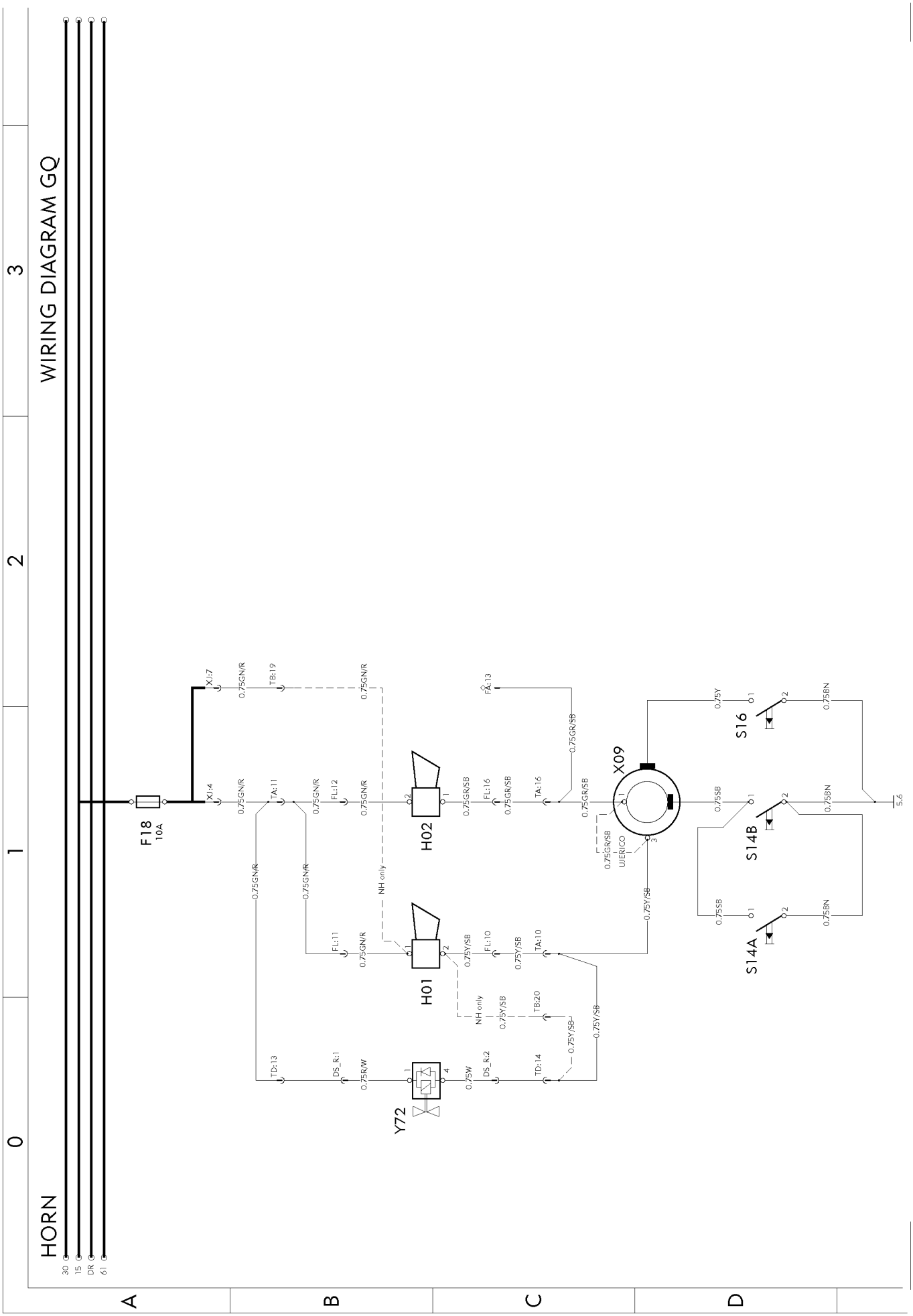

TRAILER CONNECTION
TRACTOR
WIRING DIAGRAM GH
0
1
2
3
A
B
C
D
30
15
DRL
61
See cab-chassi interface sheet:
KE
GG
RC_2:20
RC_2:19
0.75W
0.75BL
E05
SI_2:5
SI_2:4
SI_2:2
SI_2:1
ST_2:1
1.5VO
1.5P
1.5BN
1.5GR
4.0R
RC_2:17
RC_2:18
RC_2:14
RC_2:11
RC_2:9
RC_2:12
RC_2:2
RC_2:3
RC_2:4
RC_2:5
RC_2:6
RC_2:10
RC_2:7
1.5BL/W
1.5BL/R
1.5BL/GR
2.5R
1.5GR/SB
1.5GN/GR
1.5GY/SB
1.5Y
1.5N/SB
1.5GN
2.5BL/SB
1.5GN/R
1.5BL
X03_2:14
X03_2:15
X03_2:3
X03_2:9
X03_2:11
X03_2:12
X03_2:5
X03_2:1
X03_2:7
X03_2:2
X03_2:6
X03_2:8
X03_2:10
X03_2:13
X03_2:4
4.0W
2.5W
1.5W
XGH1
5.7_3
5.7_2
1.5BL
2.5BL/SB
1.5GN/R
1.5GN
1.5N/SB
1.5Y
1.5GR/SB
2.5BL/GR
1.5BL/R
1.5BL/W
X04_2:1
X04_2:2
X04_2:3
X04_2:4
X04_2:5
X04_2:6
X04_2:7
X02_2:4
X02_2:3
X02_2:1
X02_2:2
X02_2:5
X02_2:6
X02_2:7

T3017674

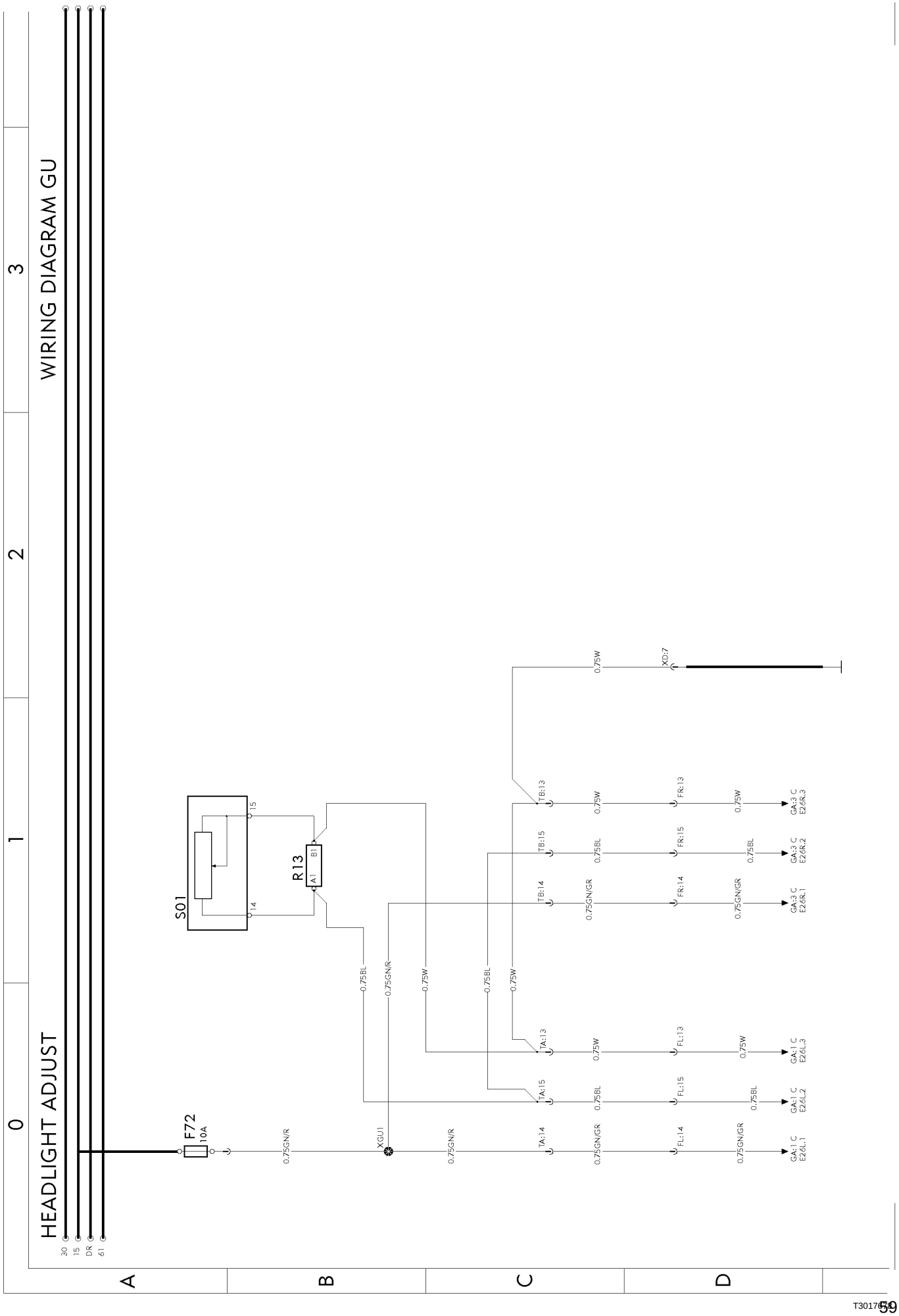

LCM VERS-SAM/TYPE-N
HEADLIGHTS
WIRING DIAGRAM GI
30
15
DRL
61
E74L
E74R
E30L
E30R
E08L
E03L
E07L
E08R
E03R
E07R
XEL1
XER1
X1.3A_3
X1.4B_3
GM0.D M02_2.1
0.75GR/SB
0.75GR/R
0.75W/SB
0.75GN/SB
1.5BN/W
1.5BL/W
0.75Y/W
1.5Y
0.75W
1.5W
2.5W
TA_2:1
TA_2:2
TA_2:3
TA_2:6
TA_2:7
TA_2:8
TA_2:9
TA_2:12
TB_2:1
TB_2:2
TB_2:3
TB_2:6
TB_2:7
TB_2:8
TB_2:9
TB_2:12

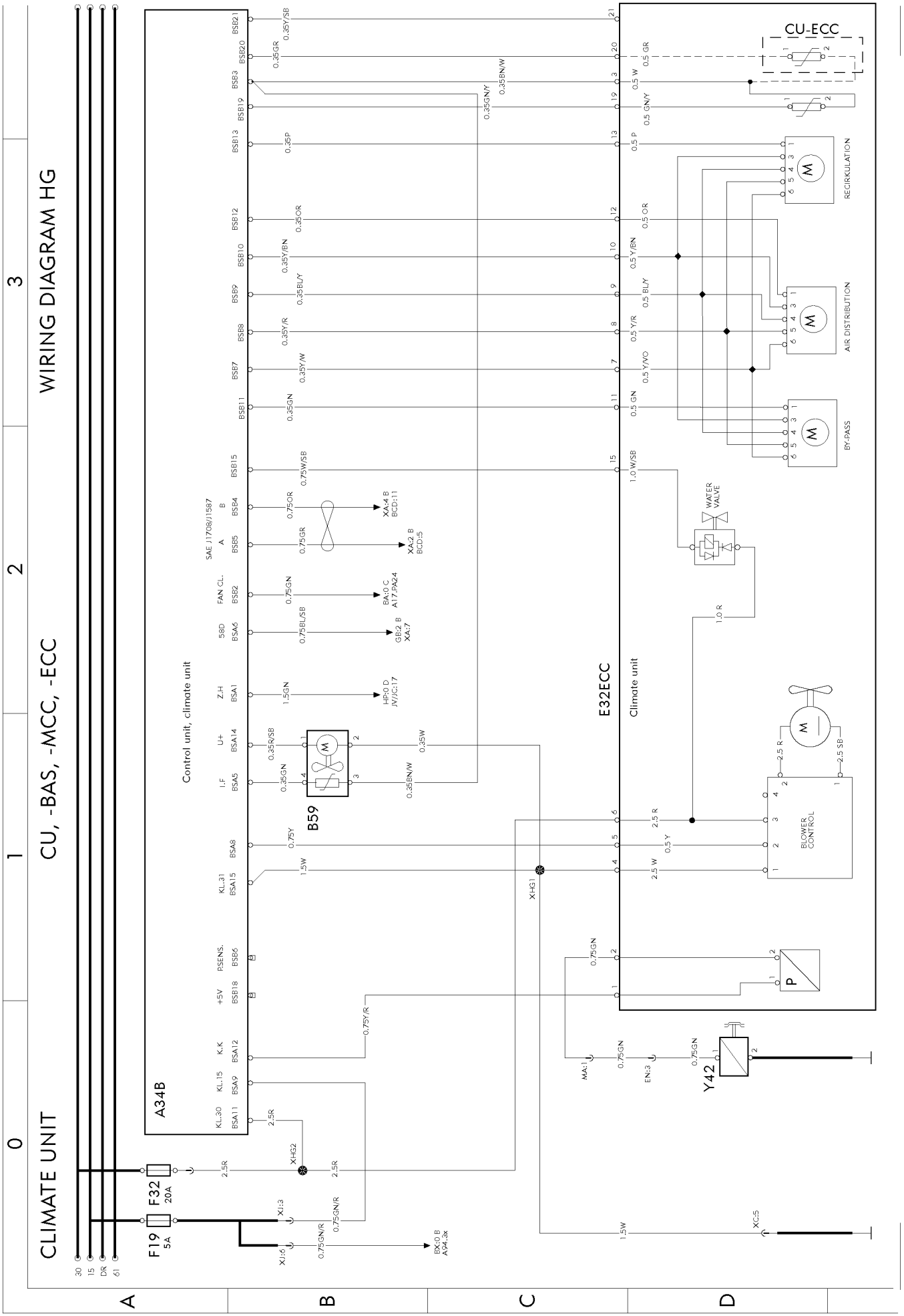

TRAILER CONNECTIONS (AUS ONLY)
WIRING DIAGRAM GK
Cab interface
E04
ABS Tractor
ABS Rigid
Trailerlight Rigid
Trailerlight Tractor
INPUT
OUTPUT
POWER
U06
DC/DC 24V/12V 1200W

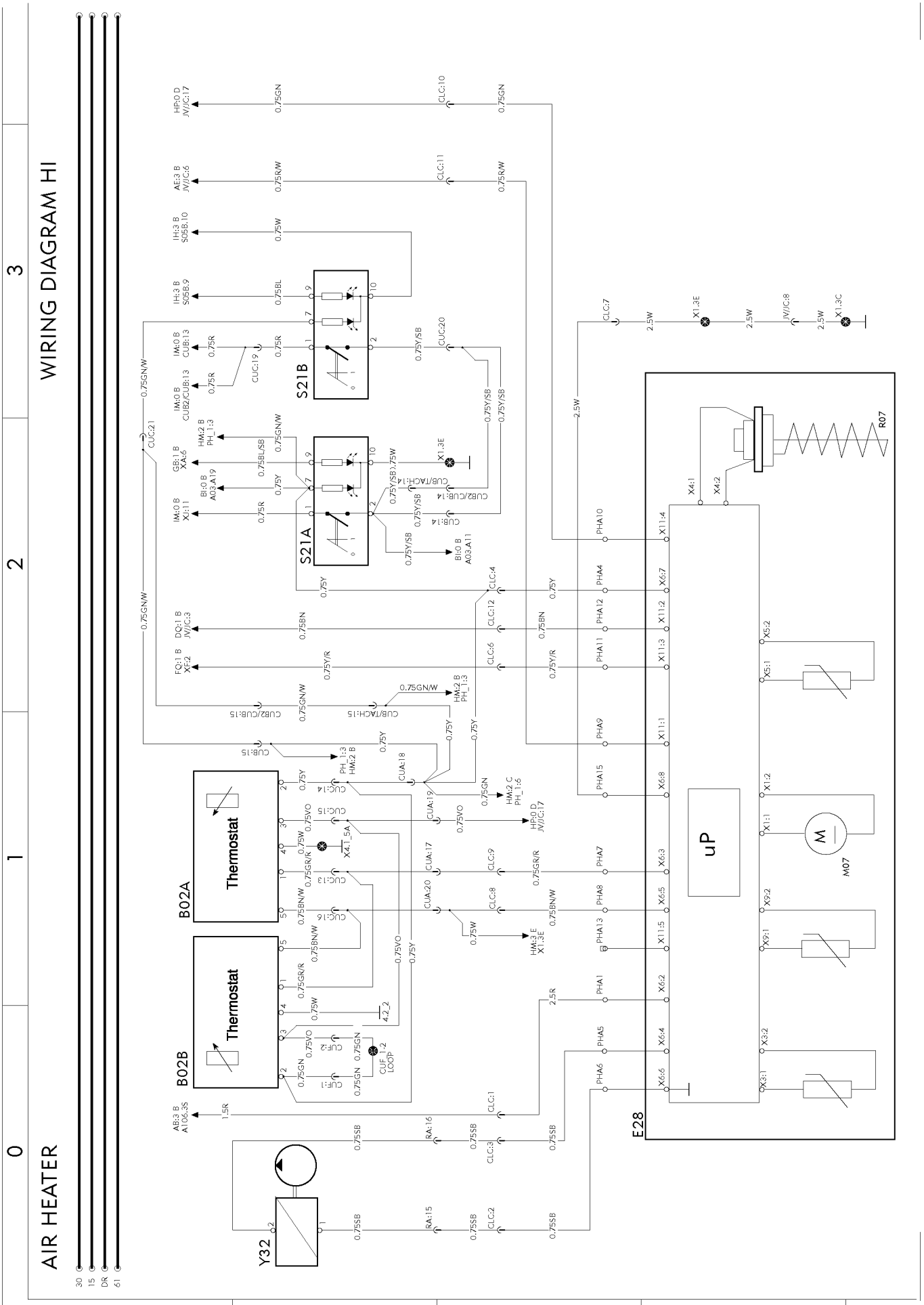

WIPER, WASHER
WIRING DIAGRAM GM
0
1
2
3
A
B
C
D
30
15
DR
61
F13
15A
F74
15A
S06/S30
M01
M02
M03
K7
K35
X1.3A
X1.3D
TD:8
TD:9
TD:10
TD:11
TD:12
TB:10
TB:11
TB:16
FR:10
FR:11
FR:16
TA:18
TA:19
NH only
GA:3 D X1.4B_1
GI:1 D X13A_3
GB:0 C A27.PC1_14
GB:0 C A27.LC2_10
GB:0 C A27.LC2_11
GB:0 C A27.LC2_5
GA:0 B A27.PC2_5
BI:0 B A03.C29
1.5GN/R
1.5BL/R
1.5BL
1.5GN/SB
1.5GN/Y
1.5GN
1.5GN/R
1.0GN/R
1.5BL/GN
0.75GN
0.75GN/Y
0.75GN/R
0.75Y/SB
0.75BL/Y
1.5R
0.75Y
0.75W
1.5W
0.75GN/W
1.5GN/W

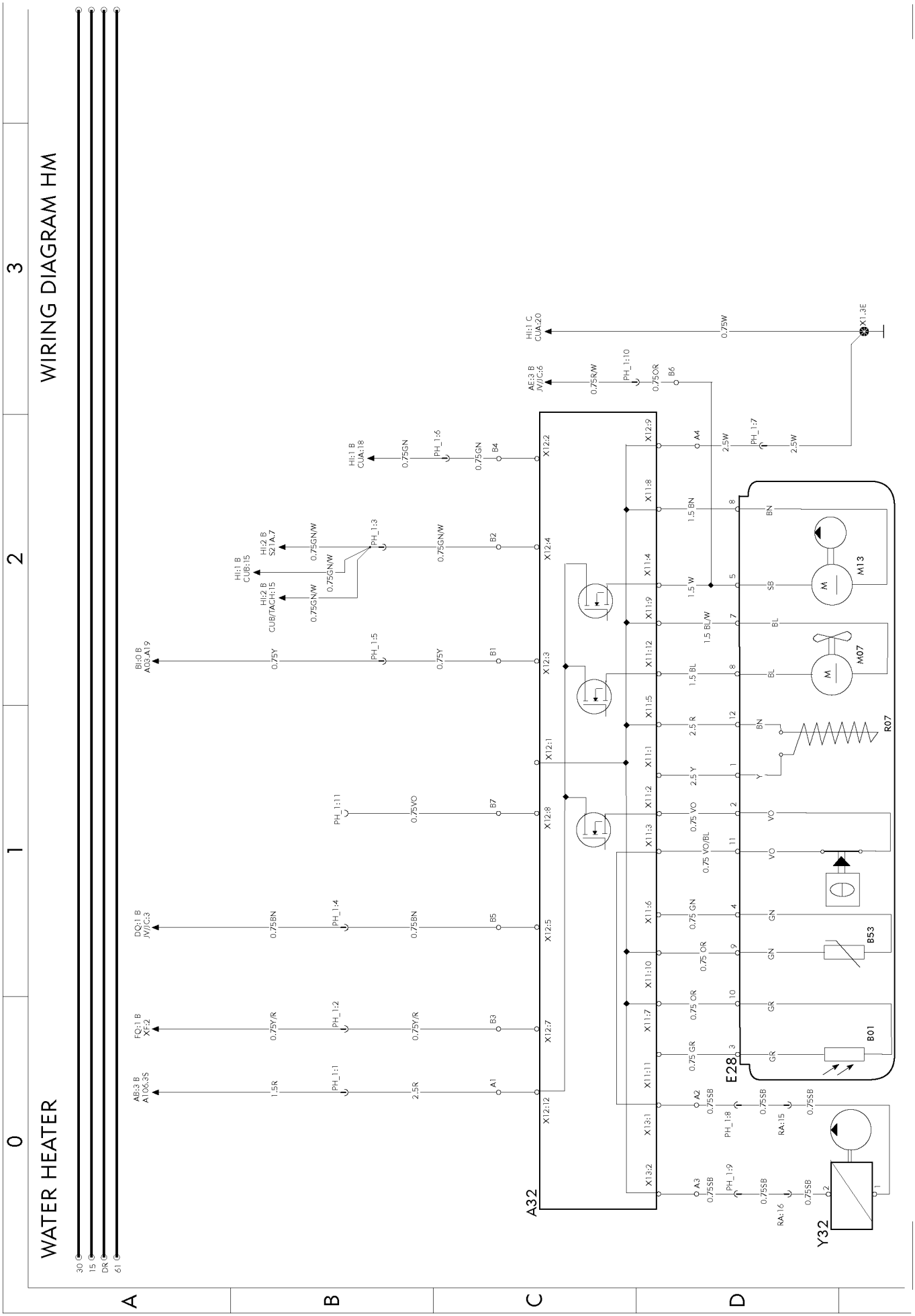

WIRING DIAGRAM GQ
HORN
30
15
DR
61
F18
10A
X1:4
X1:7
TA:11
TB:19
FL:12
FL:11
FL:10
FL:16
FA:13
TA:16
TA:10
TB:20
TD:13
TD:14
DS_R:1
DS_R:2
0.75GN/R
0.75GR/SB
0.75Y/SB
0.75SW
0.75W
0.75Y
0.75SB
0.75BN
NH only
H01
H02
Y72
X09
S16
S14B
S14A
UJERICO
5:6
A
B
C
D
0
1
2
3

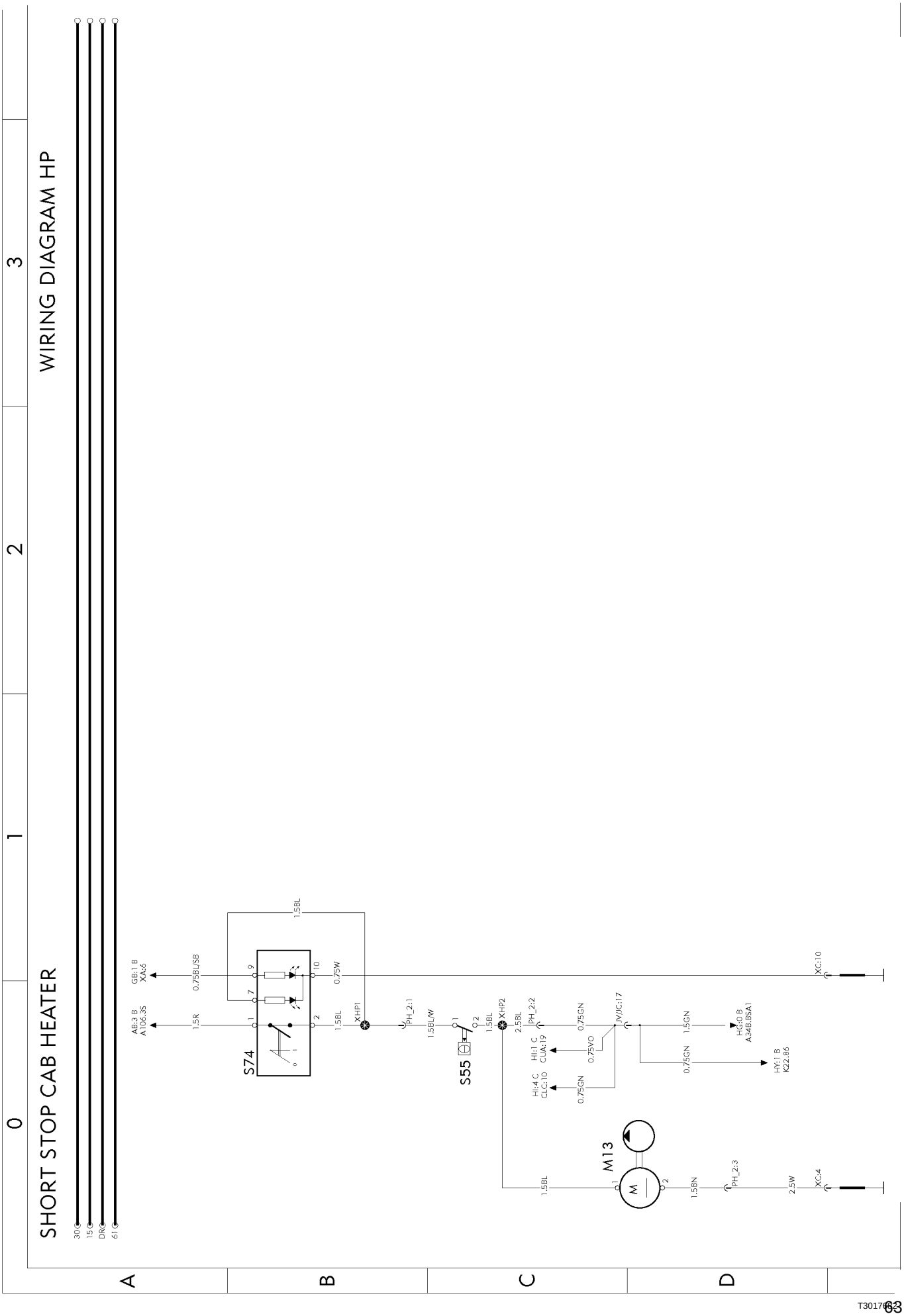
T3018275

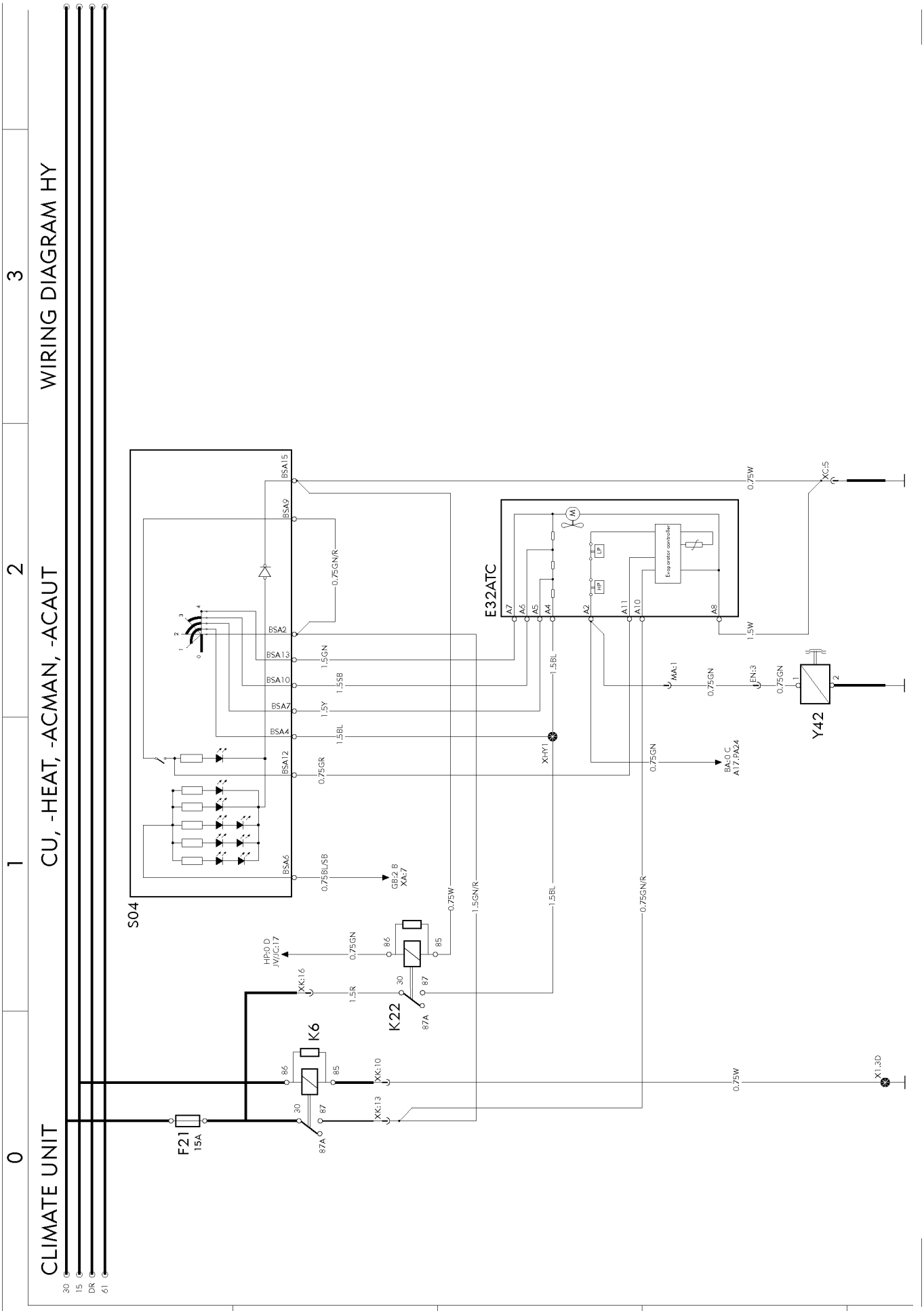

WIRING DIAGRAM GU
HEADLIGHT ADJUST
0
1
2
3
A
B
C
D
30
15
DR
61
F72
10A
S01
R13
A1
B1
15
14
XGU1
0.75GN/R
0.75BL
0.75W
0.75GN/GR
TA:13
TA:14
TA:15
TB:13
TB:14
TB:15
FL:13
FL:14
FL:15
FR:13
FR:14
FR:15
XD-7
GA:1 C
E26L.1
GA:1 C
E26L.2
GA:1 C
E26L.3
GA:3 C
E26R.1
GA:3 C
E26R.2
GA:3 C
E26R.3

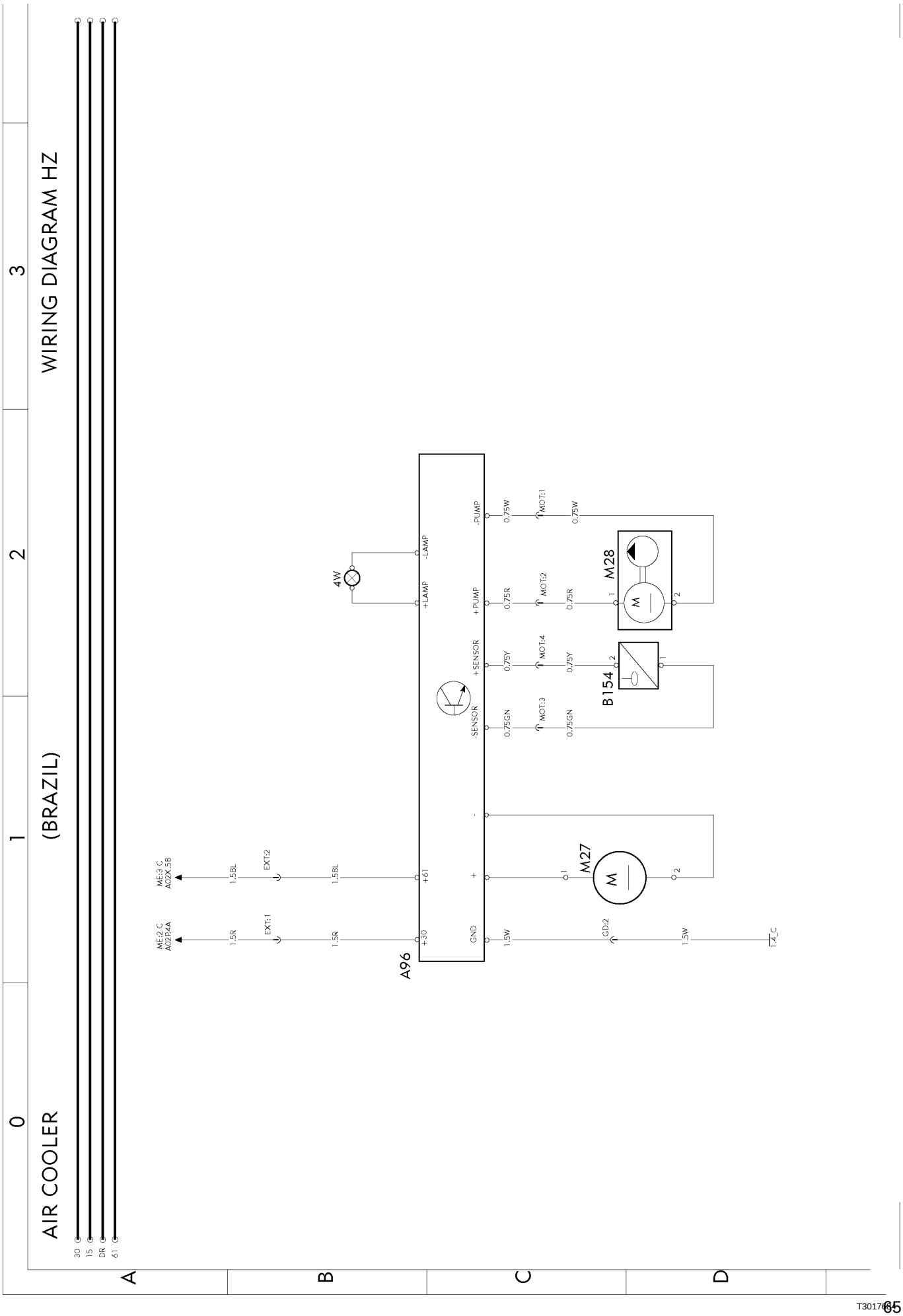

WIRING DIAGRAM HG
CU, -BAS, -MCC, -ECC
CLIMATE UNIT
A34B
Control unit, climate unit
E32ECC
Climate unit
CU-ECC
REGIRKULATION
AIR DISTRIBUTION
BY-PASS
WATER VALVE
BLOWER CONTROL
B59
Y42
F19 5A
F32 20A
XHG2
XHG1
XC:5
XJ:3
XJ:6
MA:1
EN:3
BX:0 B A94.3x
HP:0 D JV/JC:17
BA:0 C A17.PA24
GB:2 B XA:7
XA:4 B BCD:11
XA:2 B BCD:5
SAE J1708/J1587
FAN CL.
58D
Z.H
U+
I.F
K.K
KL.15
KL.30
+5V
PSENS.
KL.31
0 1 2 3
A B C D

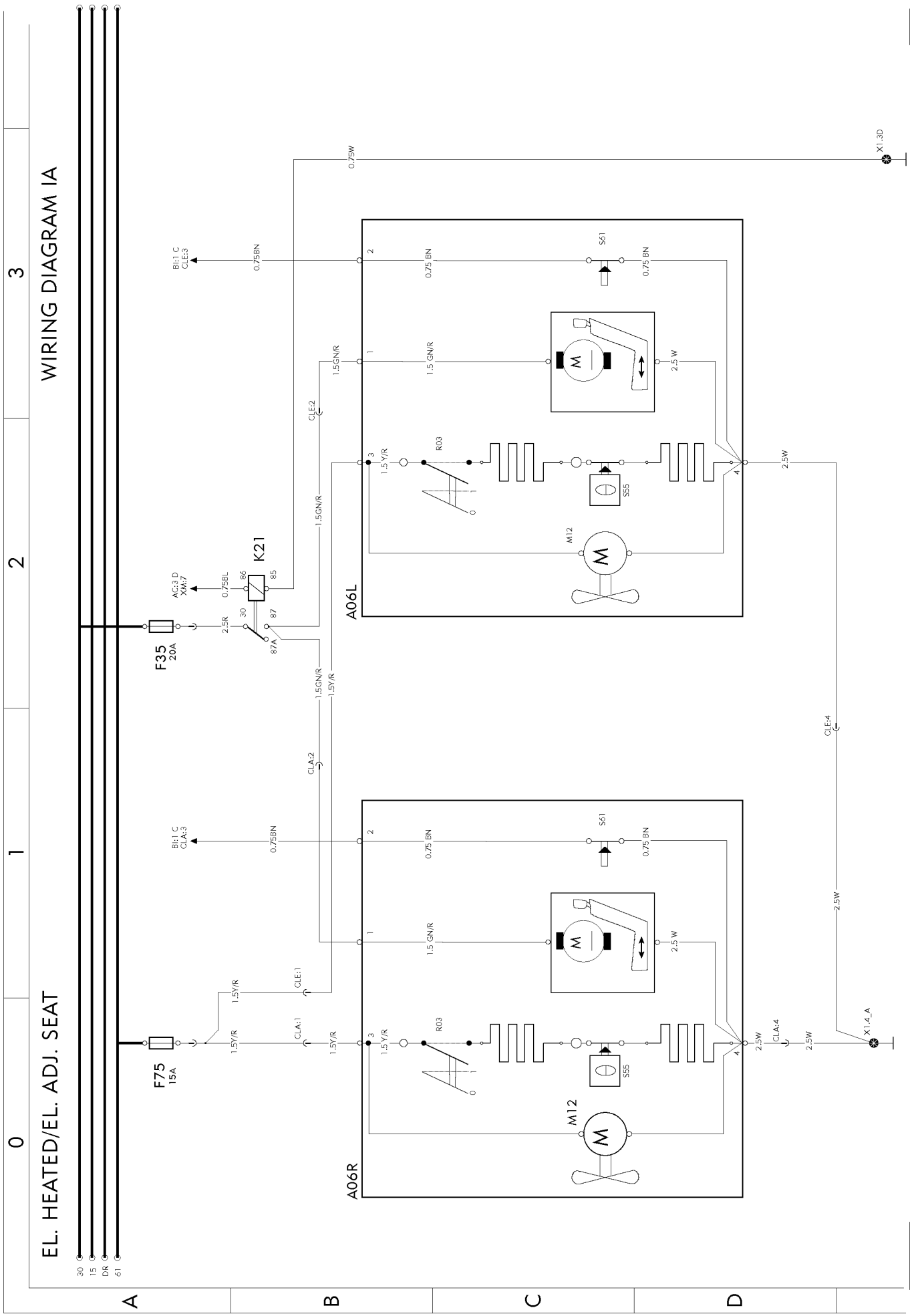

WIRING DIAGRAM HI
AIR HEATER
30
15
DR
61
B02A
Thermostat
B02B
Thermostat
S21A
S21B
Y32
E28
uP
M07
R07
X4.1_5A
4.2_2
CUF:2
LOOP

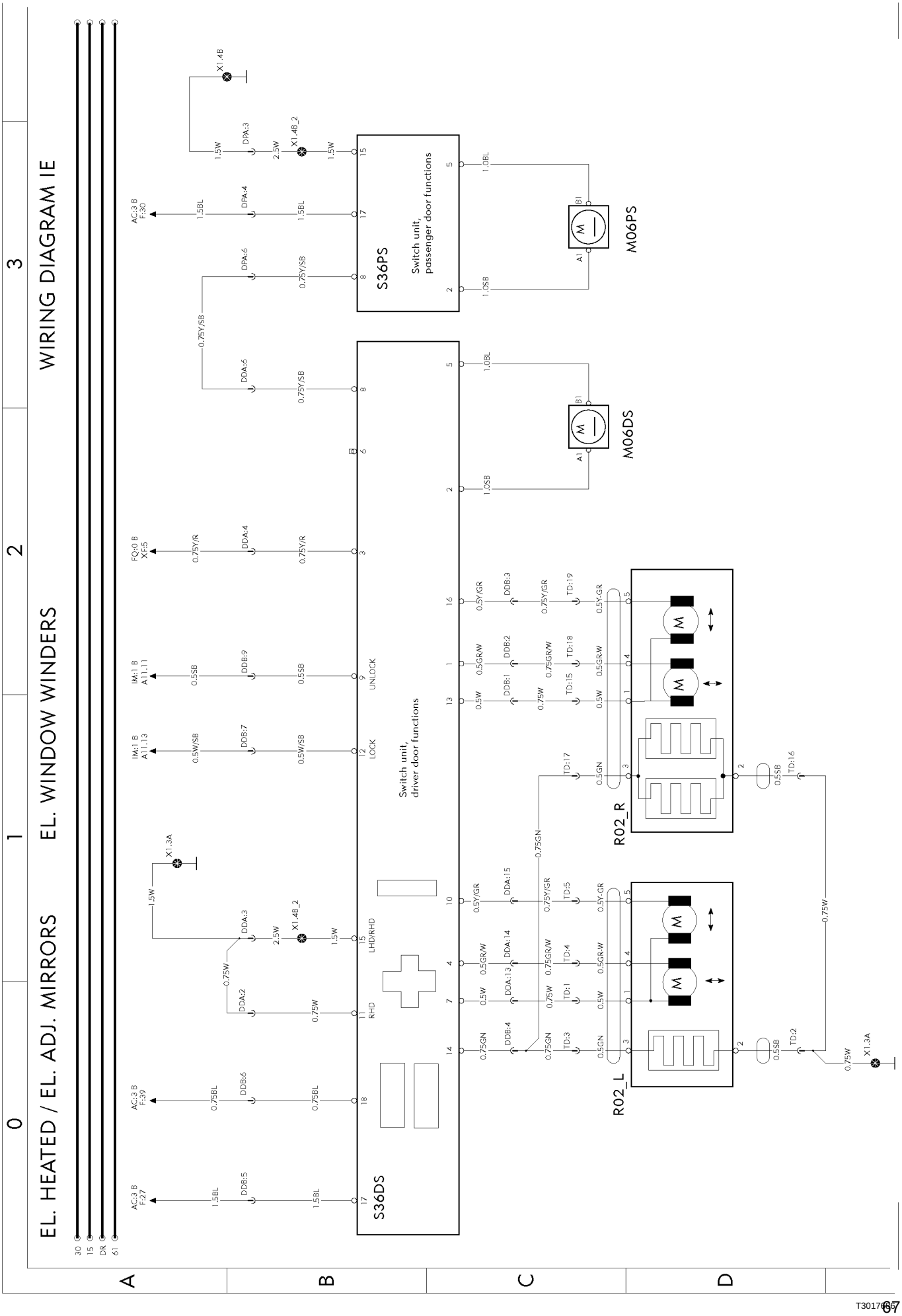

WATER HEATER
WIRING DIAGRAM HM
0
1
2
3
A
B
C
D
30
15
DR
61
A32
E28
Y32
M13
M07
R07
B53
B01
X1:3E
0.75W
2.5W
1.5 BN
1.5 W
1.5 BL/W
1.5 BL
2.5 R
2.5 Y
0.75 VO
0.75 VO/BL
0.75 GN
0.75 OR
0.75 GR
0.75SB
0.75GN
0.75GN/W
0.75SY
0.75VO
0.75BN
0.75Y/R
0.75OR
0.75RK/W
1.5R
2.5R

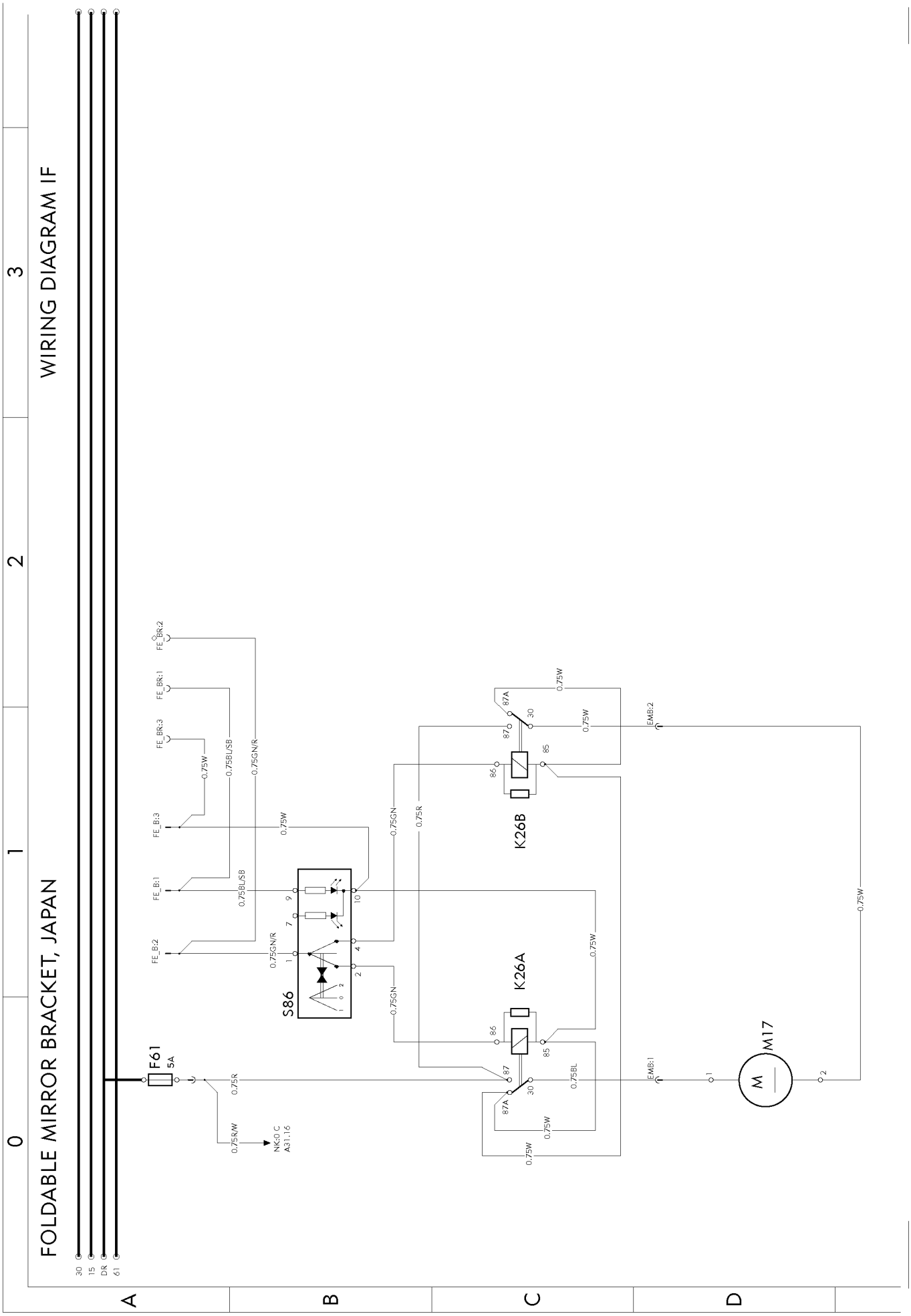

WIRING DIAGRAM HP
SHORT STOP CAB HEATER
0
1
2
3
A
B
C
D
30
15
DR
61
S74
S55
M13
XHP1
XHP2
XC:10
XC:4
1.5BL
0.75BL/SB
0.75W
1.5R
1.5BL/W
2.5BL
0.75GN
0.75VO
1.5GN
1.5BN
2.5W


WIRING DIAGRAM HY
CU, -HEAT, -ACMAN, -ACAUT
CLIMATE UNIT
0
1
2
3
A
B
C
D
30
15
DR
61
S04
BSA15
BSA9
BSA2
BSA13
BSA10
BSA7
BSA4
BSA12
BSA6
0.75GN/R
1.5GN
1.5SB
1.5Y
1.5BL
0.75GR
0.75BL/SB
GR:2 B
XA:7
E32ATC
A7
A6
A5
A4
A2
A11
A10
A8
LP
HP
Evaporator controller
0.75W
XC:5
1.5W
MA:1
EN:3
0.75GN
Y42
XHY1
BA:0 C
A17:PA24
HP:0 D
JV/JC:17
XK:16
XK:10
XK:13
K6
K22
86
85
30
87
87A
F21
15A
X1.3D

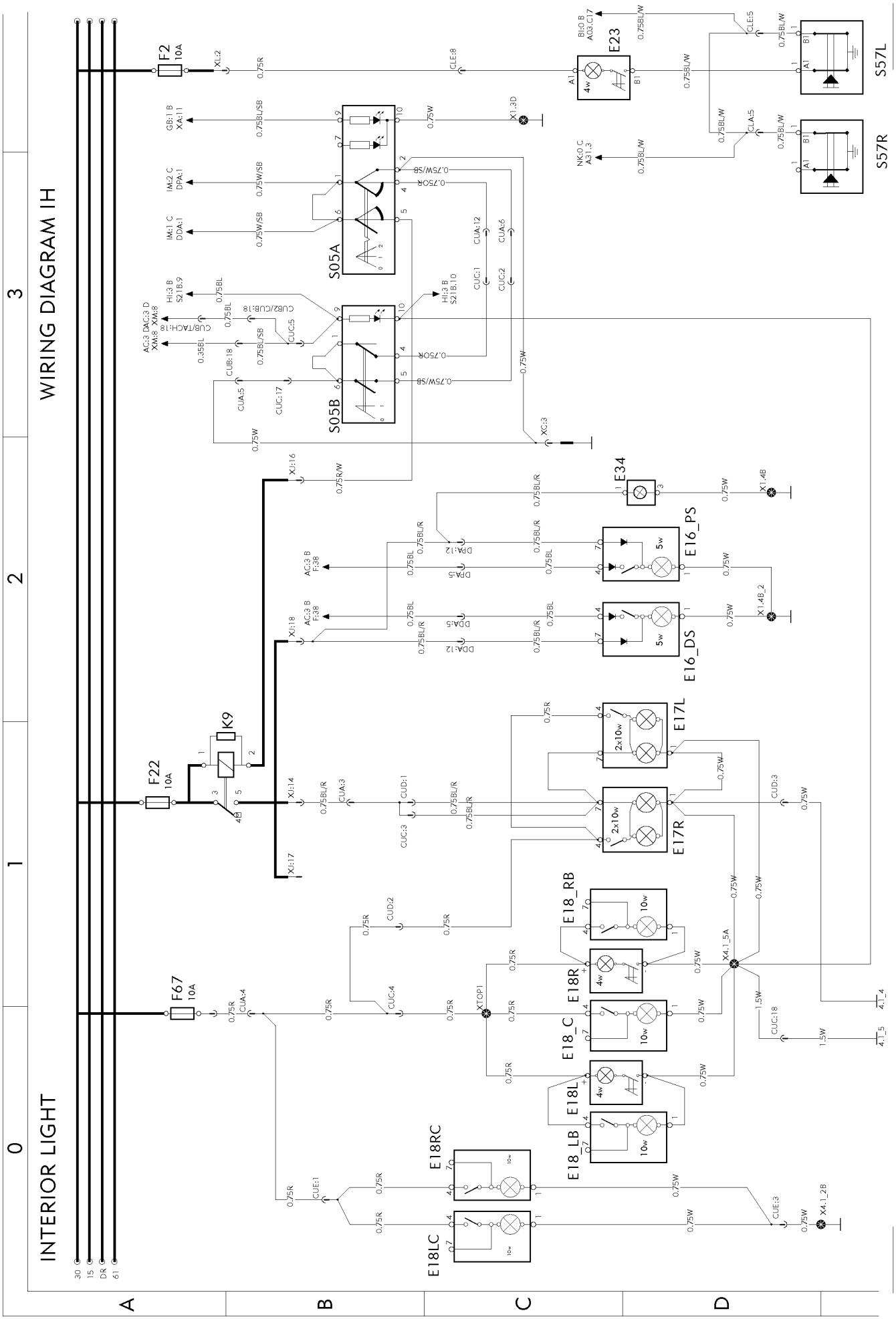

AIR COOLER
(BRAZIL)
WIRING DIAGRAM HZ
0
1
2
3
A
B
C
D
30
15
DR
61
A96
4W
M27
M28
B154
+30
GND
+61
-LAMP
+LAMP
+PUMP
-PUMP
+SENSOR
-SENSOR
1.5R
1.5W
1.5BL
0.75R
0.75W
0.75Y
0.75GN
EXT:1
EXT:2
MOT:1
MOT:2
MOT:3
MOT:4
GD:2
1.4_C
ME:2.C
A02.P.4A
ME:3.C
A02X.5.B

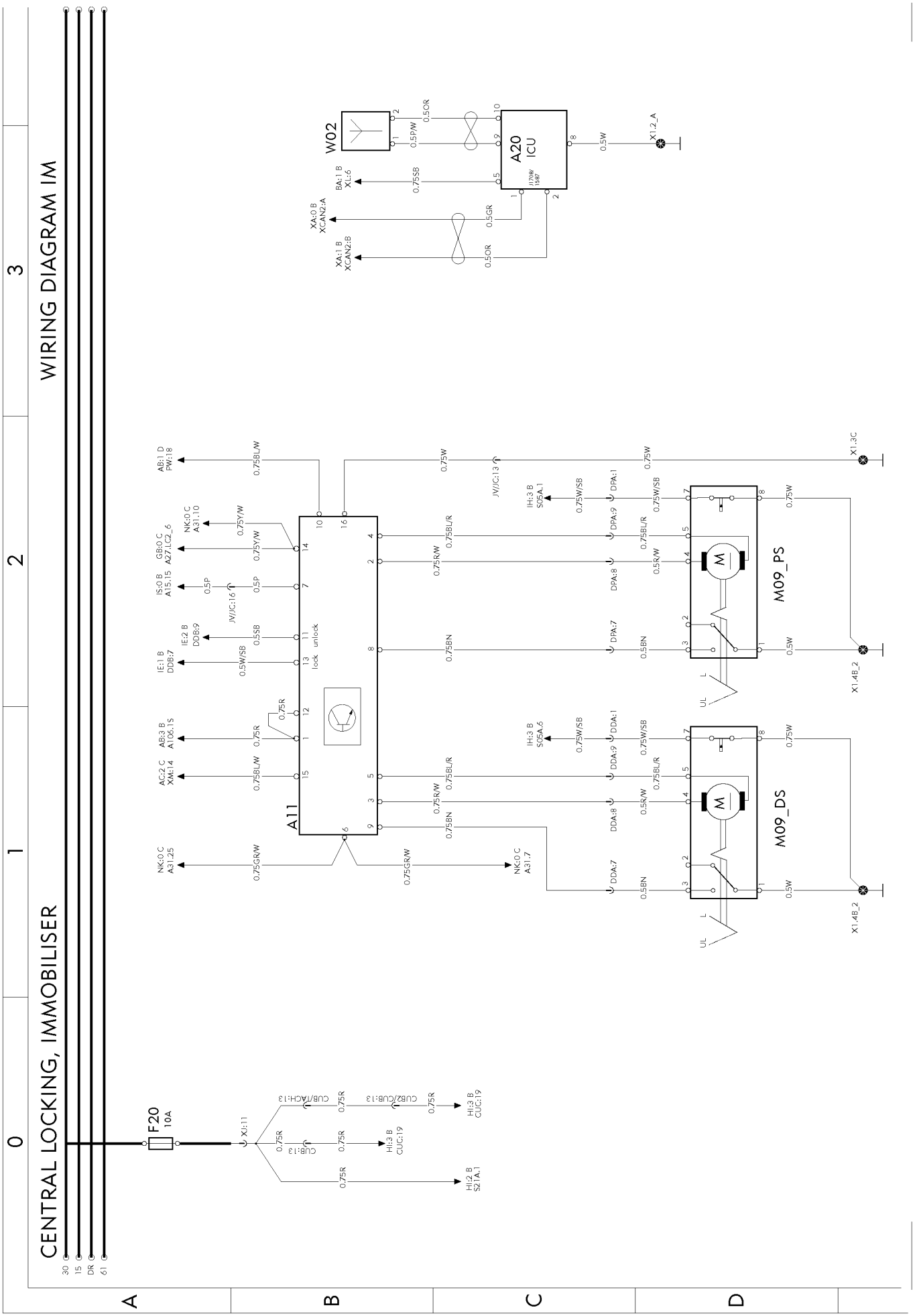

EL. HEATED/EL. ADJ. SEAT
WIRING DIAGRAM IA
0
1
2
3
A
B
C
D
30
15
DR
61
F75
15A
F35
20A
K21
A06R
A06L
M12
S55
S61
R03
CLA:1
CLA:2
CLA:4
CLE:1
CLE:2
CLE:4
X1.3D
X1.4_A
AC:3 D
XM:7
B|:1 C
CLA:3
B|:1 C
CLE:3
0.75SW
0.75BN
0.75BL
1.5GN/R
1.5Y/R
1.5 GN/R
0.75 BN
2.5 W
2.5R
2.5W

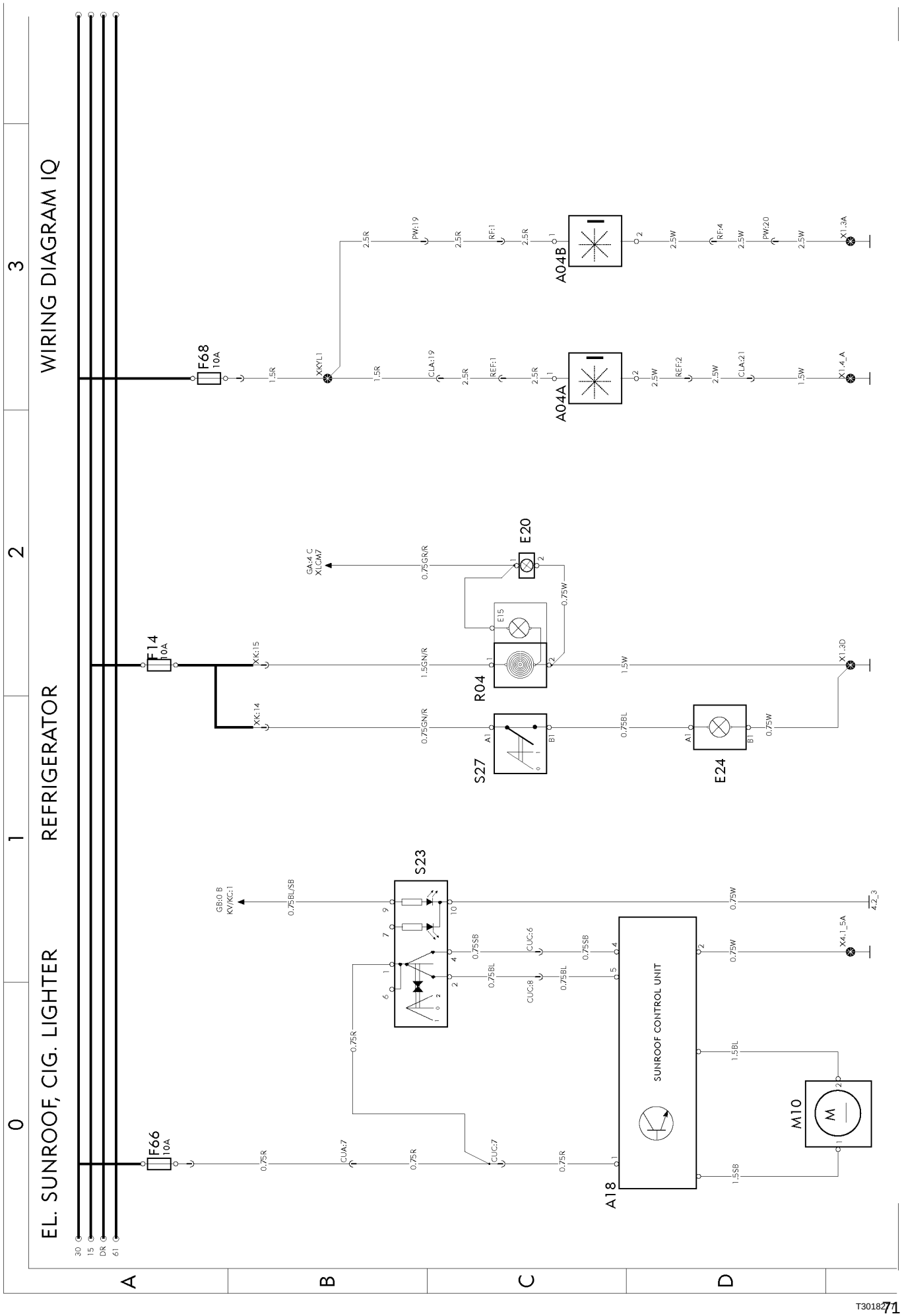

EL. HEATED / EL. ADJ. MIRRORS
EL. WINDOW WINDERS
WIRING DIAGRAM IE
0
1
2
3
A
B
C
D
30
15
DR
61
S36DS
Switch unit,
driver door functions
S36PS
Switch unit,
passenger door functions
M06DS
M06PS
R02_L
R02_R
LHD/RHD
LHD
RHD
LOCK
UNLOCK
X1.3A
X1.4B
X1.4B_2
AC:3 B F:27
AC:3 B F:39
AC:3 B F:30
FQ:0 B X:F5
IM:1 B A11.13
IM:1 B A11.11
DDA:2
DDA:3
DDA:4
DDA:6
DDA:13
DDA:14
DDA:15
DDB:1
DDB:2
DDB:3
DDB:4
DDB:5
DDB:6
DDB:7
DDB:9
DPA:3
DPA:4
DPA:6
TD:1
TD:2
TD:3
TD:4
TD:5
TD:15
TD:16
TD:17
TD:18
TD:19
0.75W
0.5W
0.5GR/W
0.75GR/W
0.5Y/GR
0.75Y/GR
0.5Y-GR
0.75GN
0.5GN
0.75Y/R
0.5W/SB
0.5SB
0.75Y/SB
0.75BL
0.5BL
1.5W
2.5W
1.0BL
1.0SB
1.5BL
1.5SB

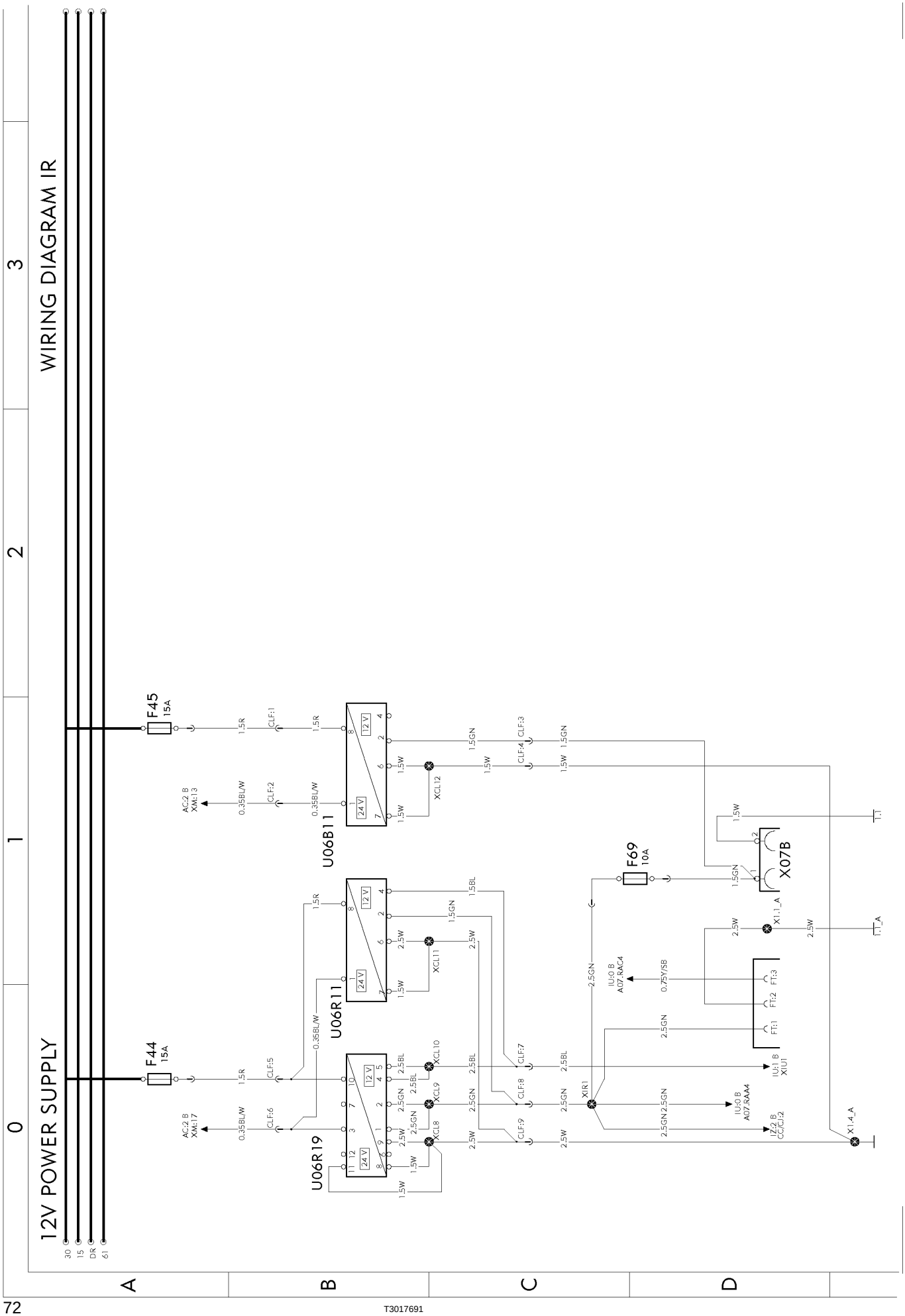

FOLDABLE MIRROR BRACKET, JAPAN
WIRING DIAGRAM IF
0
1
2
3
A
B
C
D
30
15
DR
61
F61
5A
0.75R
0.75R/W
NK:0 C
A31.16
FE_BR:2
FE_BR:1
FE_BR:3
FE_B:3
FE_B:1
FE_B:2
0.75W
0.75BU/SB
0.75GN/R
S86
0.75GN
0.75R
K26B
K26A
87A
87
30
85
86
EMB:2
EMB:1
M17
0.75BL

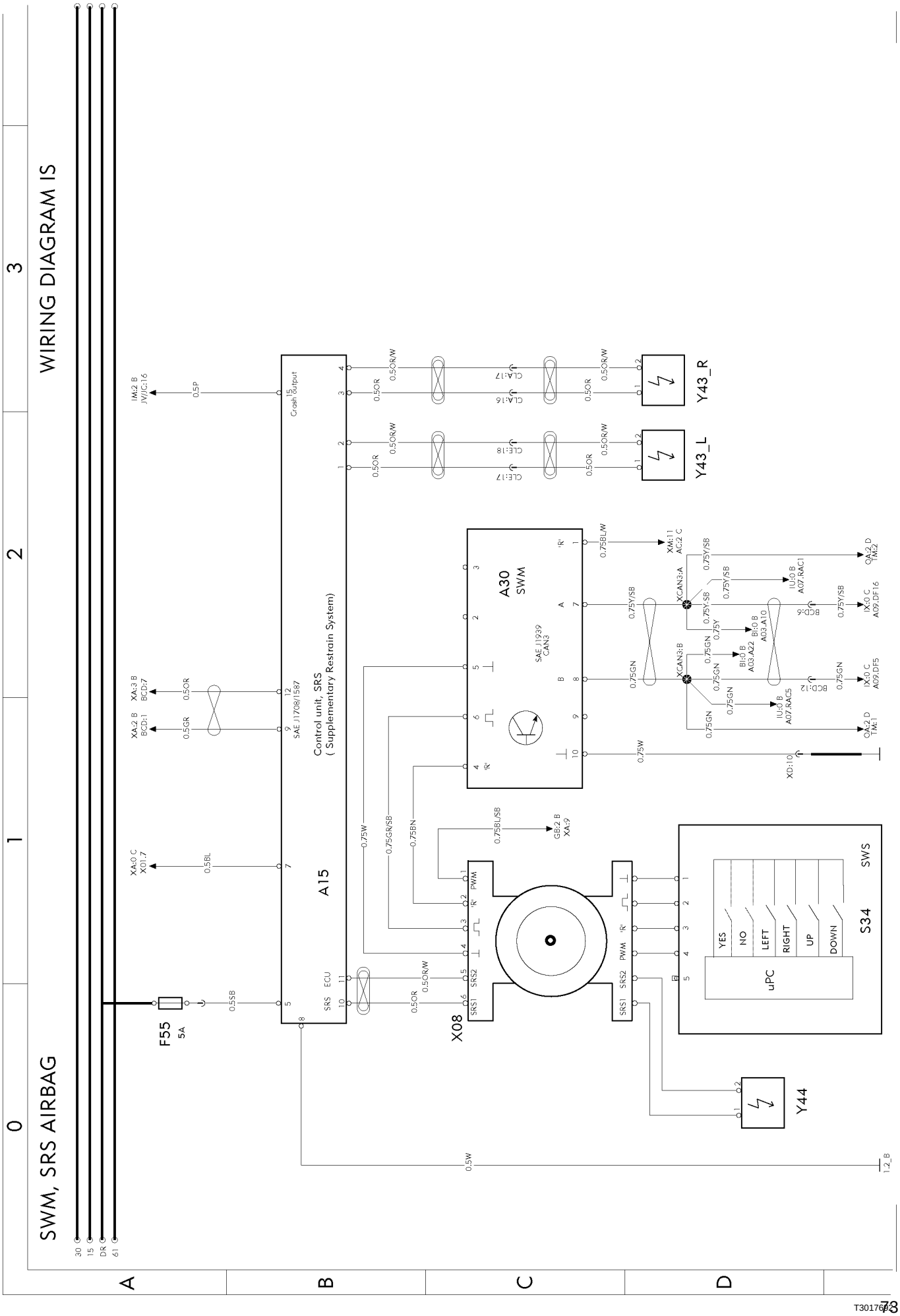
T3018276

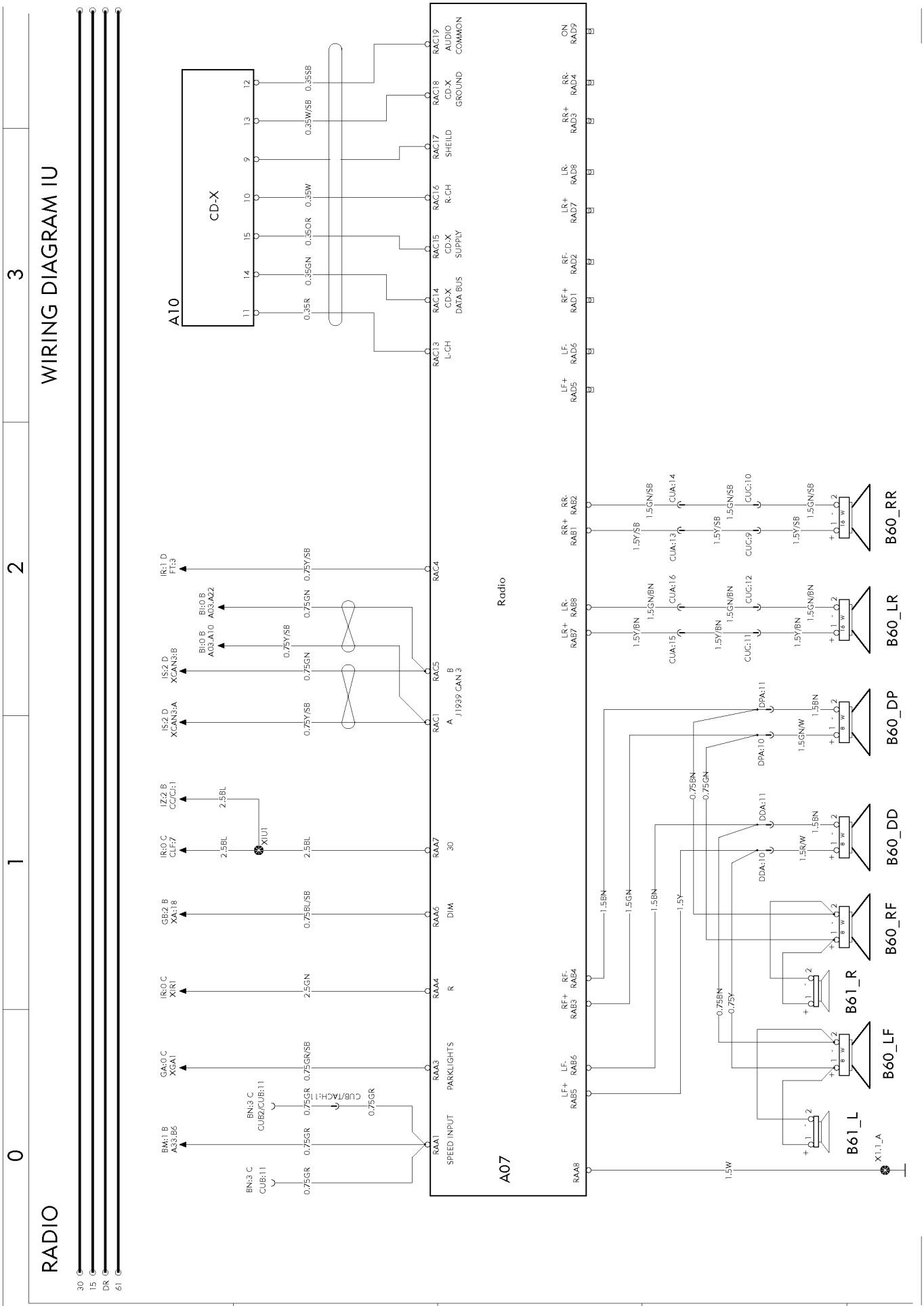

WIRING DIAGRAM IH
INTERIOR LIGHT
0
1
2
3
A
B
C
D
30
15
DR
61
F2
10A
F22
10A
F67
10A
K9
S05A
S05B
S57L
S57R
E23
E34
E16_PS
E16_DS
E17L
E17R
E18_RB
E18R
E18_C
E18L
E18_LB
E18RC
E18LC
XTOP1
T3017669


WIRING DIAGRAM IM
CENTRAL LOCKING, IMMOBILISER
30
15
DR
61
F20
10A
A11
lock
unlock
A20
ICU
W02
M09_PS
M09_DS
0.75R
0.75BL/W
0.75GR/W
0.75BN
0.75BL/R
0.75R/W
0.75W/SB
0.75Y/W
0.5P
0.5SB
0.5W/SB
0.5R/W
0.5BN
0.5W
0.5GR
0.5OR
0.5P/W
0.75SB
0.75W

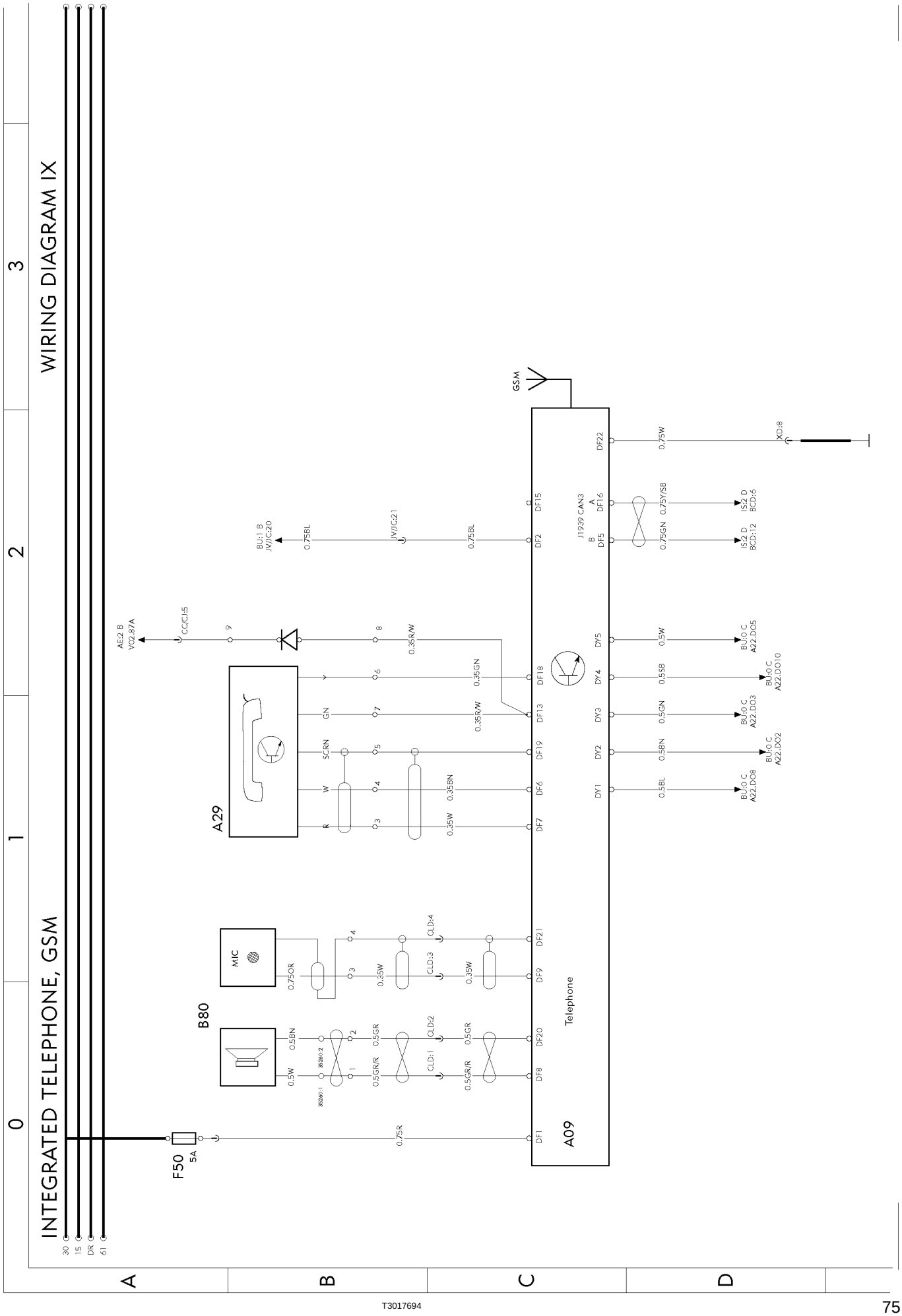

EL. SUNROOF, CIG. LIGHTER
REFRIGERATOR
WIRING DIAGRAM IQ
0
1
2
3
A
B
C
D
30
15
DR
61
F66
10A
F14
10A
F68
10A
A04A
A04B
A18
SUNROOF CONTROL UNIT
S23
S27
R04
E20
E24
M10
0.75R
0.75BL/SB
0.75GN/R
1.5GN/R
0.75GR/R
0.75BL
1.5R
2.5R
2.5W
1.5W
0.75W
1.5BL
1.5SB
CUA:7
CUC:7
CUC:6
CUC:8
XK:15
XK:14
XKYL1
CLA:19
REF:1
PW:19
RF:1
REF:2
CLA:21
RF:4
PW:20
X1.3A
X1.4_A
X1.3D
X4.1_5A
4.2_3
GB:0 B
KV/KC:1
GA:4 C
XLCM7

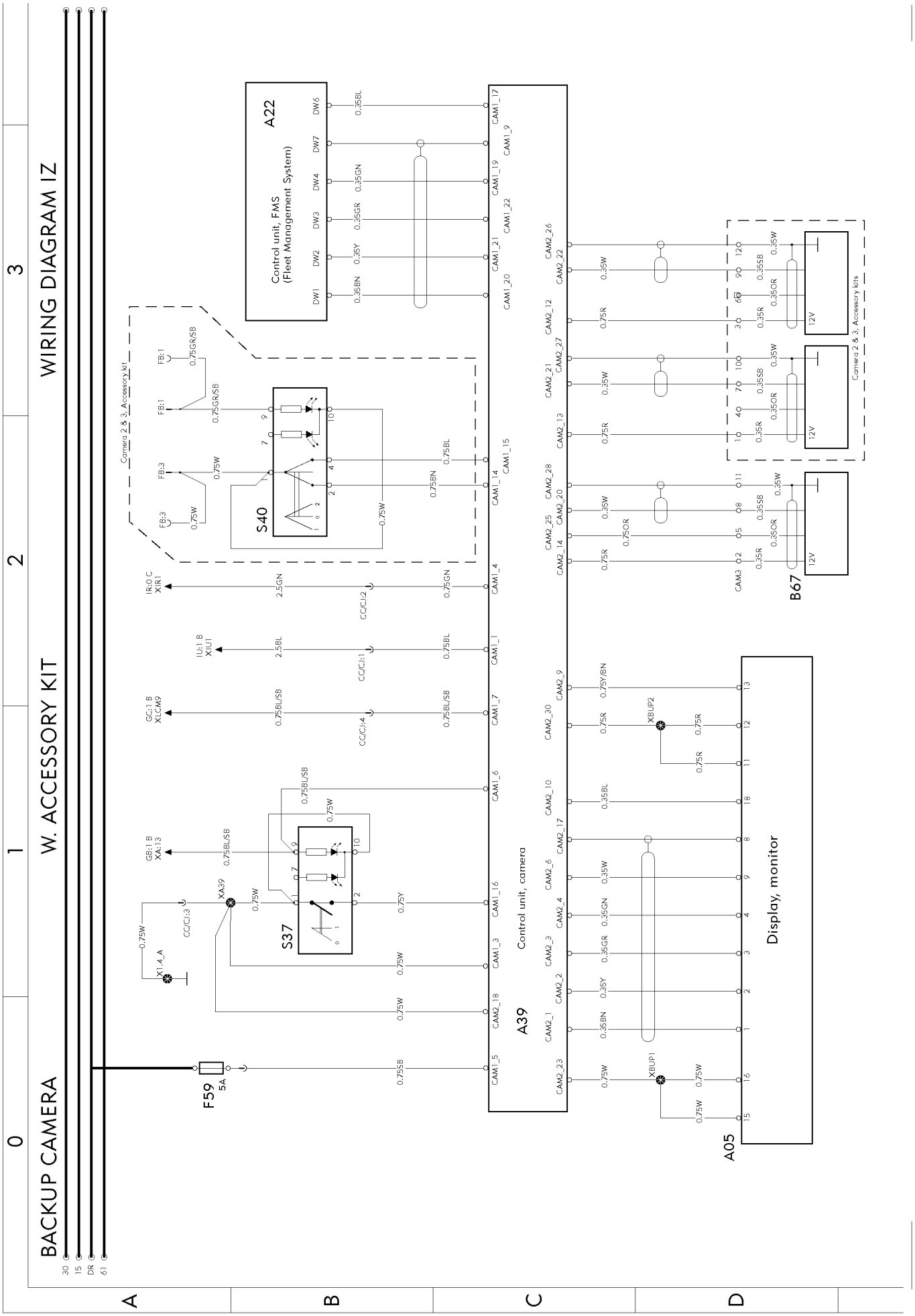

WIRING DIAGRAM IR
12V POWER SUPPLY
0
1
2
3
A
B
C
D
30
15
DR
61
F45
15A
F44
15A
F69
10A
U06B11
U06R11
U06R19
X07B
XCL12
XCL11
XCL10
XCL9
XCL8
XIR1
CLF:1
CLF:2
CLF:3
CLF:4
CLF:5
CLF:6
CLF:7
CLF:8
CLF:9
FT:1
FT:2
FT:3
12 V
24 V
1.5R
1.5GN
1.5BL
1.5W
2.5W
2.5GN
2.5BL
0.35BL/W
0.75Y/SB
AC:2 B
XM:13
AC:2 B
XM:17
IU:0 B
A07:RAC4
IU:0 B
A07:RAA4
IU:1 B
X1U1
IZ:2 B
CC/CI:2
X1.1_A
X1.4_A
1.1
1.1_A


WIRING DIAGRAM IS
SWM, SRS AIRBAG
A15
Control unit, SRS
(Supplementary Restrain System)
A30
SWM
S34
SWS
uPC
YES
NO
LEFT
RIGHT
UP
DOWN
F55
5A
X08
Y43_L
Y43_R
Y44
SAE J1939
CAN3
SAE J1708/J1587
Crash output
SRS ECU

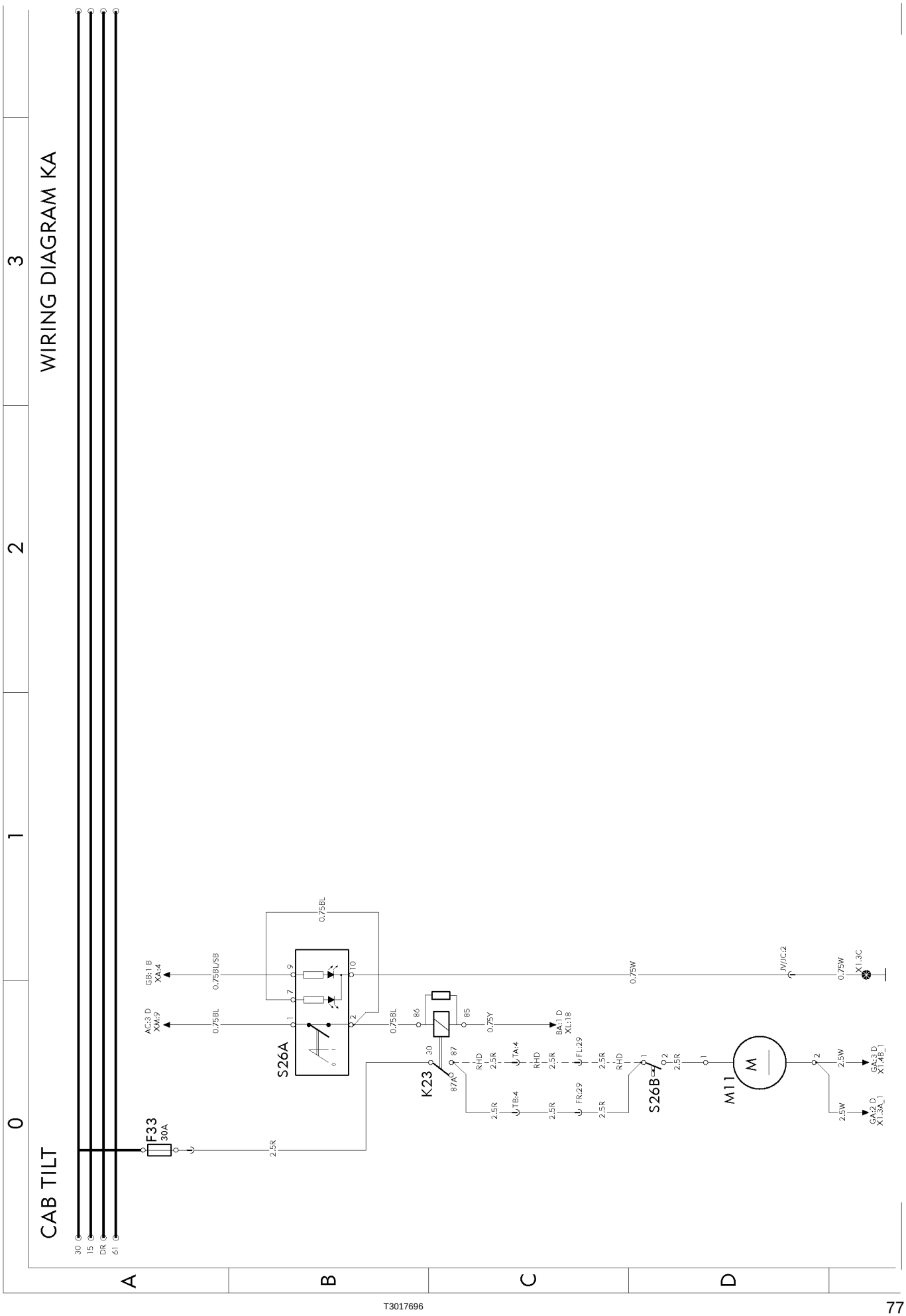

RADIO
WIRING DIAGRAM IU
0
1
2
3
A
B
C
D
30
15
DR
61
A10
CD-X
A07
Radio
SPEED INPUT
PARKLIGHTS
DIM
J1939 CAN 3
B60_LF
B60_RF
B60_DD
B60_DP
B60_LR
B60_RR
B61_L
B61_R
X1.1_A

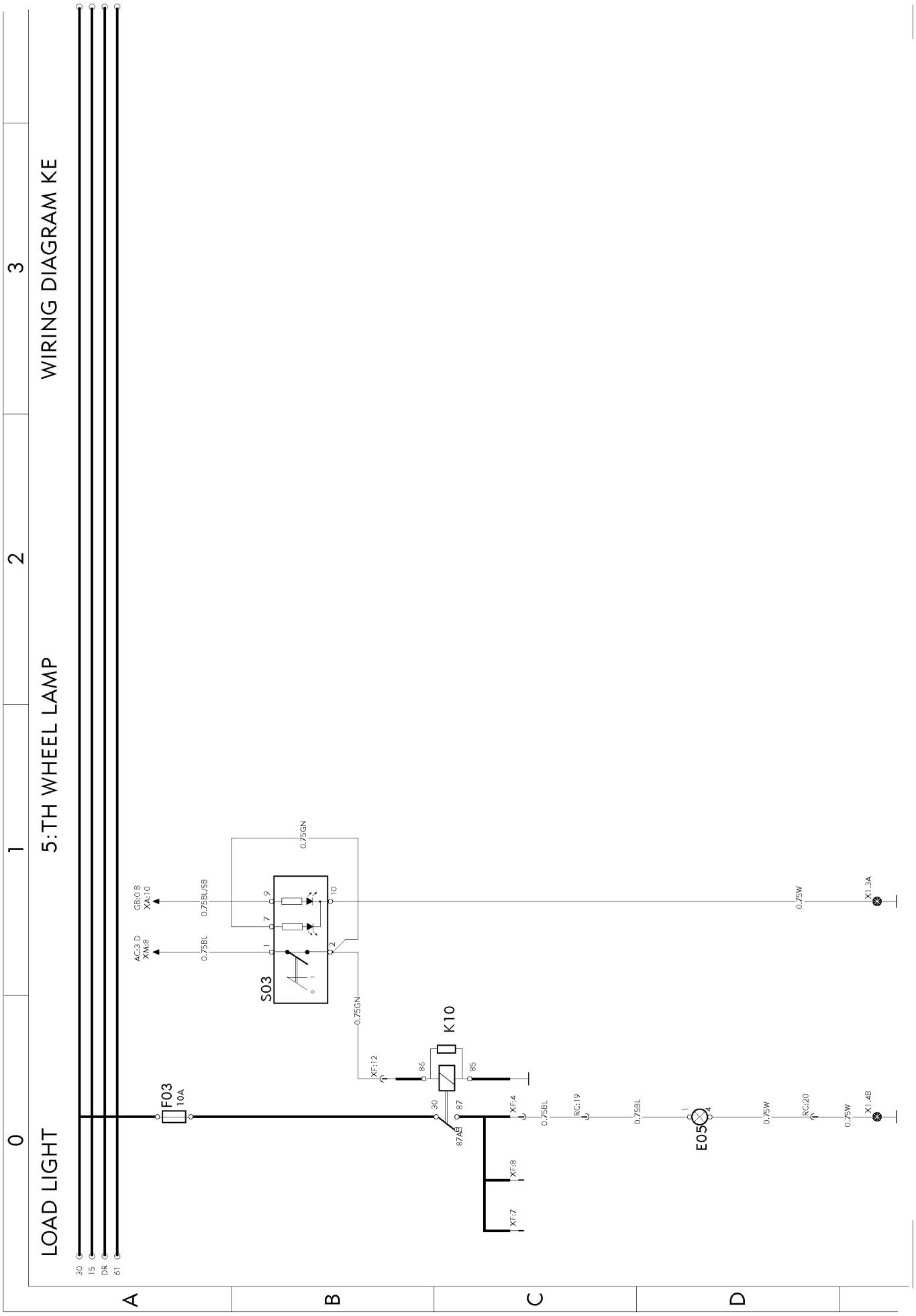
T3017693


INTEGRATED TELEPHONE, GSM
WIRING DIAGRAM IX
30
15
DR
61
F50
5A
A09
Telephone
A29
B80
MIC
GSM
J1939 CAN3
AE:2 B
V02.87A
BU:1 B
JV/IC:20
BU:0 C
A22.DO5
BU:0 C
A22.DO10
BU:0 C
A22.DO3
BU:0 C
A22.DO2
BU:0 C
A22.DO8
IS:2 D
BCD:6
IS:2 D
BCD:12
XD:8
0.75R
0.75BL
0.75W
0.75SB
0.75GN
0.5W
0.5SB
0.5GN
0.5BN
0.5BL
0.35R/W
0.35GN
0.35BN
0.35W
0.75OR
0.5GR
0.5GR/R
T3017694

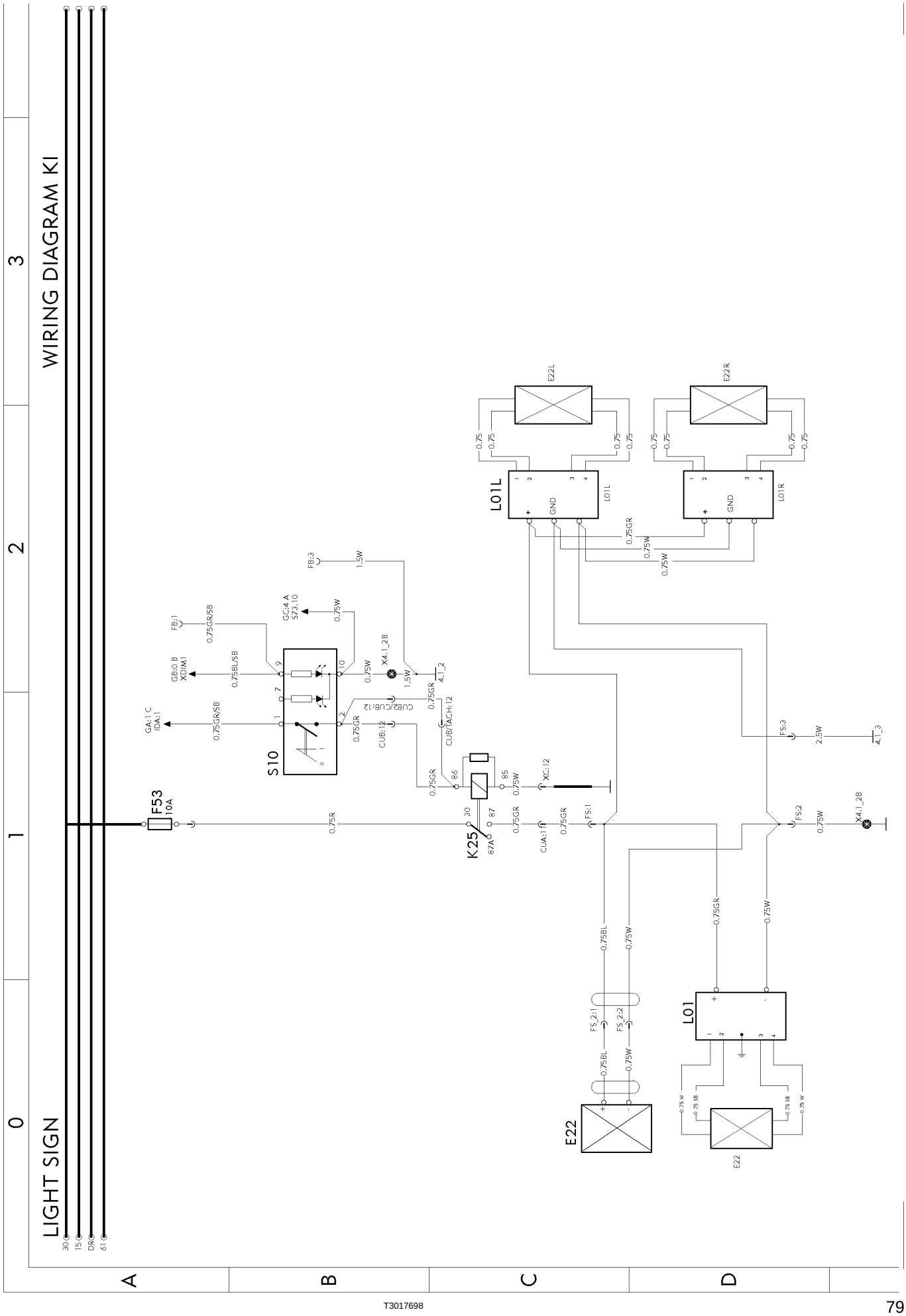

BACKUP CAMERA
W. ACCESSORY KIT
WIRING DIAGRAM IZ
A22
Control unit, FMS
(Fleet Management System)
A39
Control unit, camera
A05
Display, monitor
S40
S37
F59
5A
B67
Camera 2 & 3, Accessory kit
Camera 2 & 3, Accessory kits
XBUP1
XBUP2
30
15
DR
61

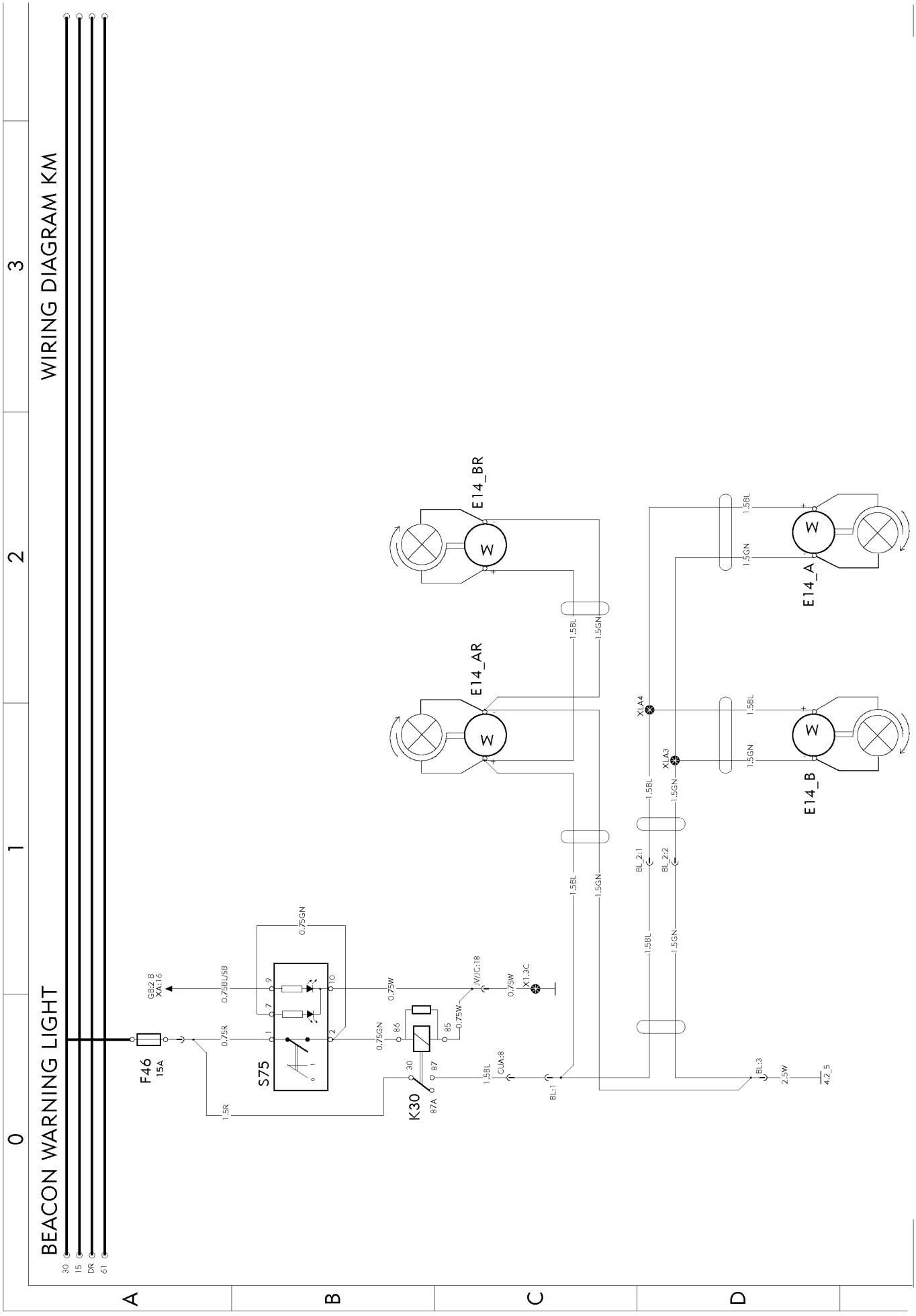
T3018278


WIRING DIAGRAM KA
CAB TILT
0
1
2
3
A
B
C
D
30
15
DR
61
F33
30A
2.5R
S26A
K23
S26B
M11
M
0.75BL
0.75BL/SB
0.75Y
0.75W
2.5R
2.5W
RHD
GB:1 B
XA:4
AC:3 D
XM:9
BA:1 D
XL:18
TA:4
TB:4
FI:29
FR:29
IV/IC:2
X1.3C
GA:3 D
X1.4B_1
GA:2 D
X1.3A_1

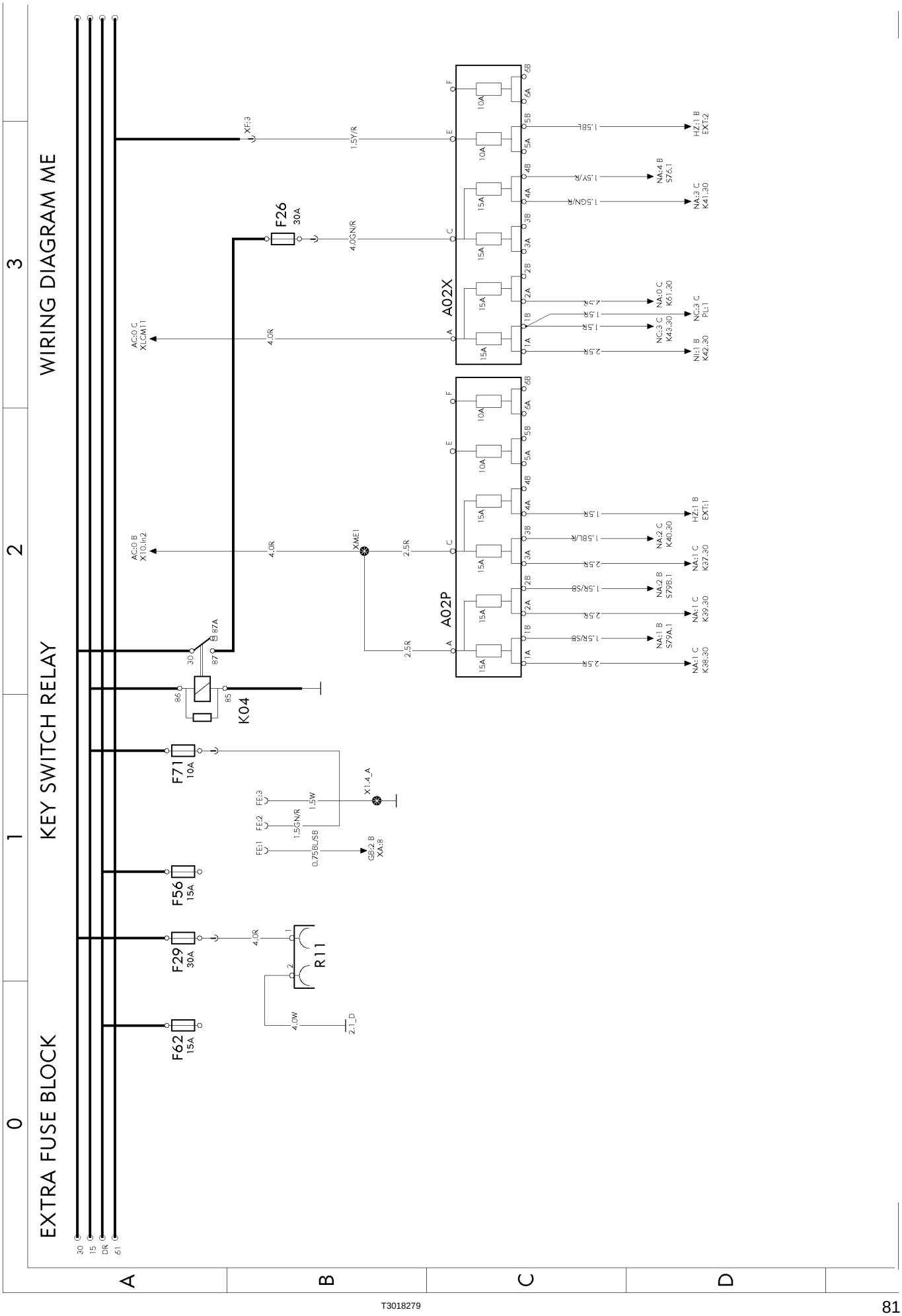

WIRING DIAGRAM KE
5:TH WHEEL LAMP
LOAD LIGHT
0
1
2
3
A
B
C
D
30
15
DR
61
F03
10A
S03
K10
E05
0.75GN
0.75BL/SB
0.75BL
0.75W
GB:0 B
XA:10
AC:3 D
XM:8
XF:12
XF:4
XF:8
XF:7
RC:19
RC:20
X1.3A
X1.4B

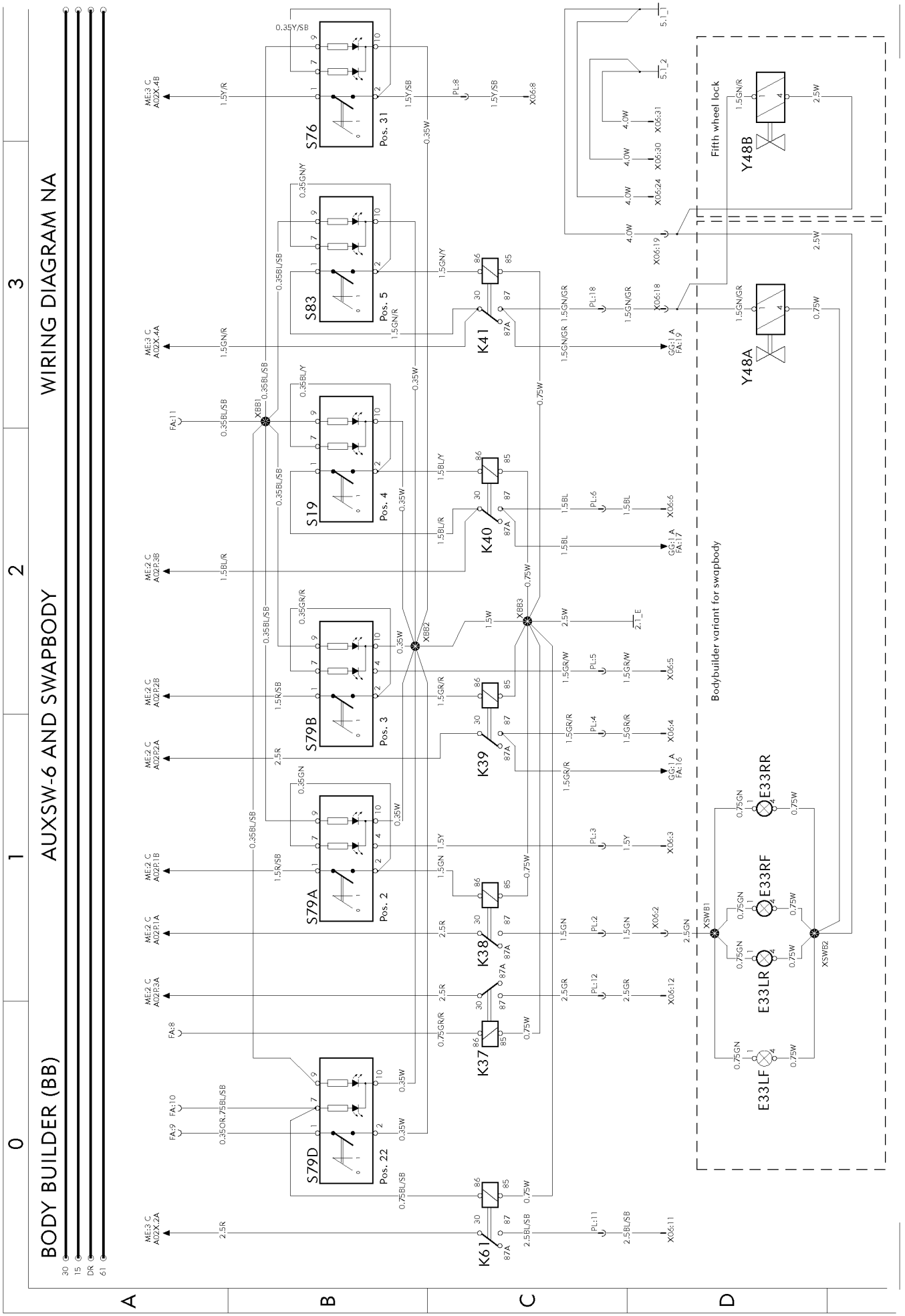
T3017697


WIRING DIAGRAM KI
LIGHT SIGN
30
15
DR
61
0
1
2
3
A
B
C
D
F53
10A
0.75R
S10
GA:1 C
IDA:1
0.75GR/SB
GB:0 B
XD:M1
0.75BL/SB
FB:1
0.75GR/SB
GC:4 A
S73.10
0.75W
FB:3
1.5W
X4:1_2B
1.5W
4:1_2
0.75GR
CUB:12
CUB2/CUB:12
CUB/TACH:12
K25
30
87
87A
85
86
0.75GR
0.75W
XC:12
CUA:1
0.75GR
FS:1
FS:3
2.5W
4:1_3
FS:2
0.75W
X4:1_2B
L01L
GND
L01R
E22L
E22R
0.75
0.75GR
0.75W
0.75W
FS_2:1
FS_2:2
0.75BL
0.75W
E22
L01
0.75GR
0.75W
0.75 W
0.75 SB
0.75 SB
0.75 W
E22

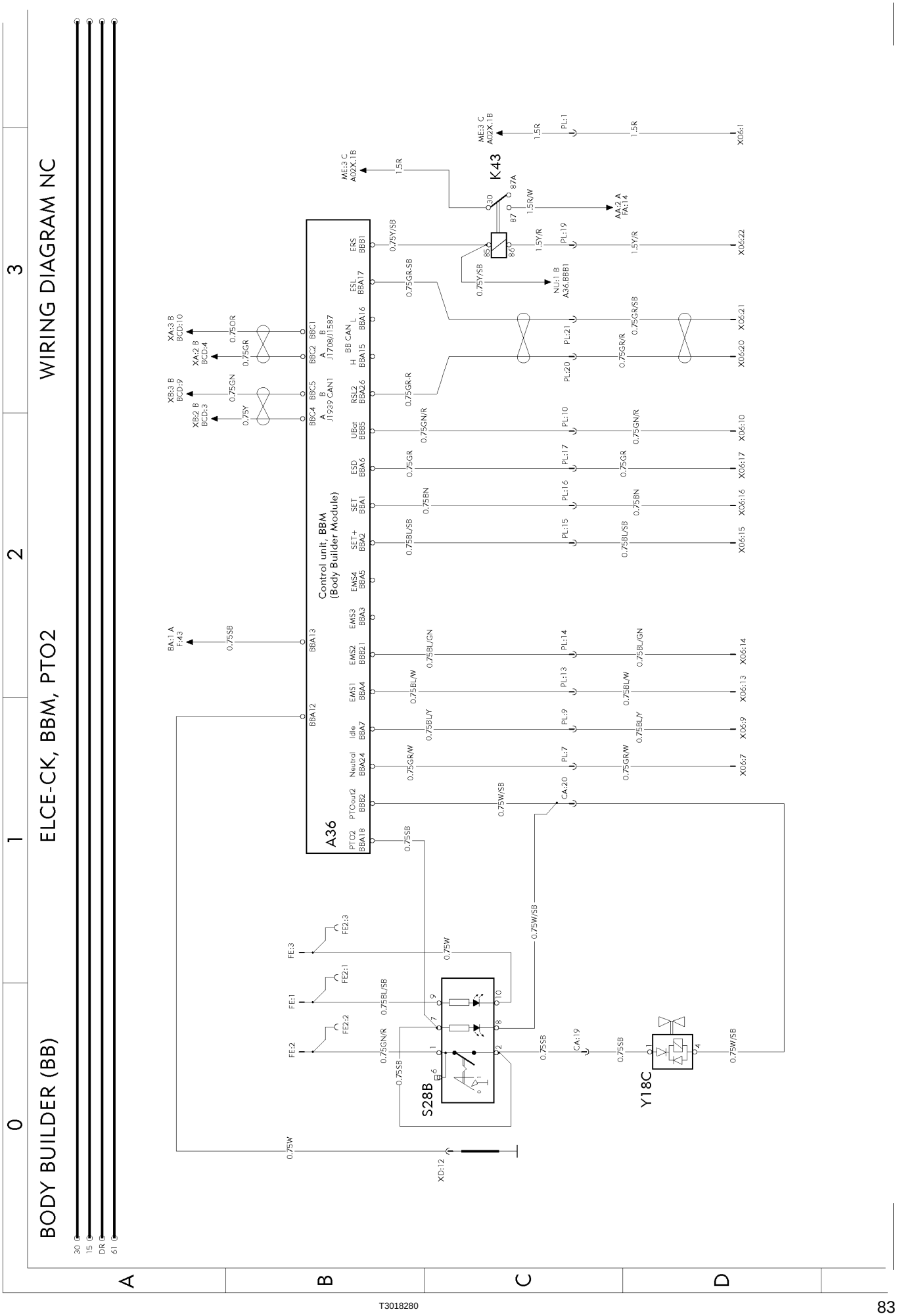

WIRING DIAGRAM KM
BEACON WARNING LIGHT
0
1
2
3
A
B
C
D
30
15
DR
61
F46
15A
S75
K30
87A
E14_BR
E14_AR
E14_A
E14_B
GB2_B
XA:16
IV/IC:18
X1.3C
CUA:8
BL:1
BL:3
X1A4
X1A3
BL_2:1
BL_2:2
4.2_5
0.75BL/SB
0.75R
0.75GN
0.75W
1.5R
1.5BL
1.5GN
2.5W

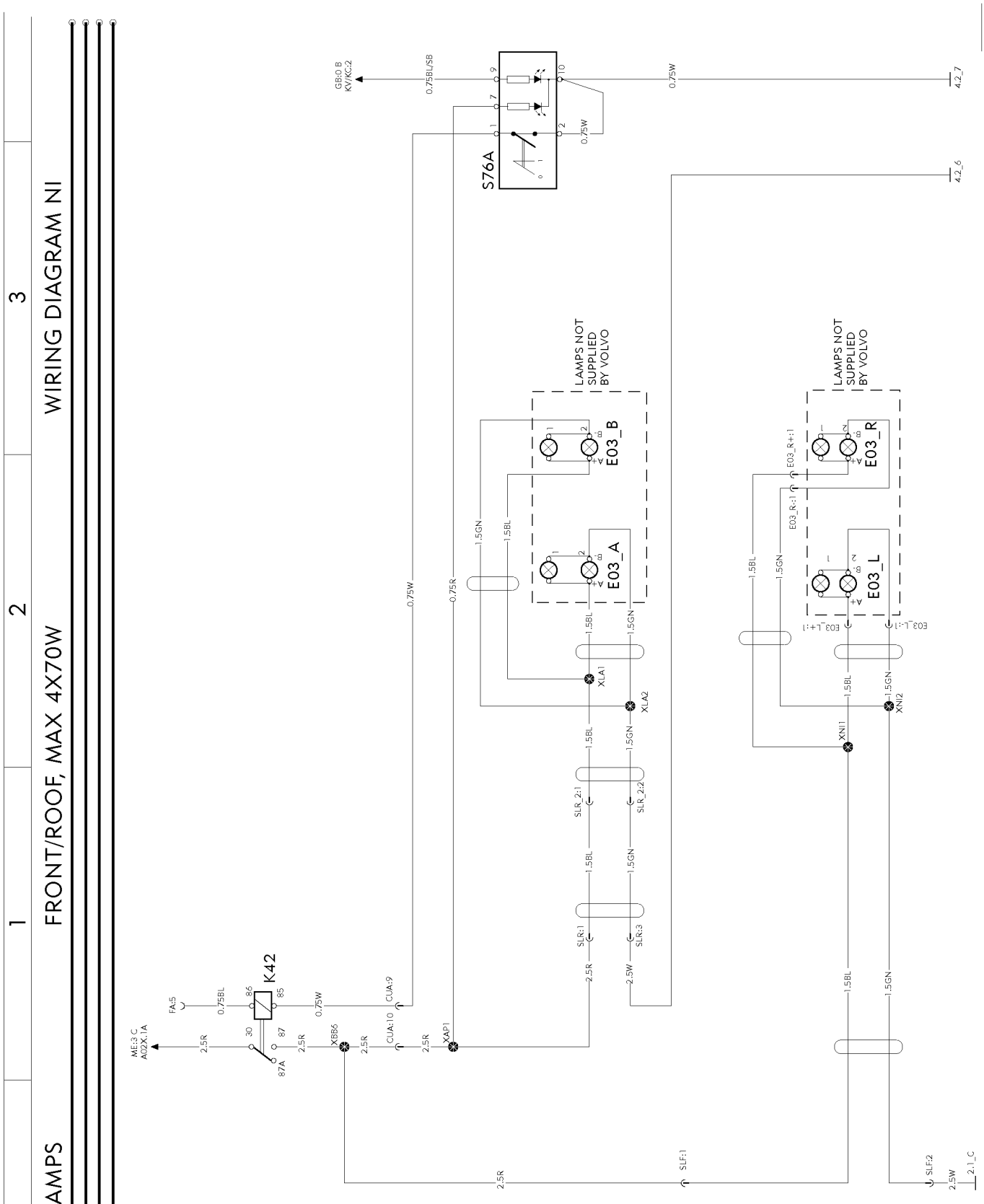
T3017699


EXTRA FUSE BLOCK
KEY SWITCH RELAY
WIRING DIAGRAM ME
0
1
2
3
A
B
C
D
30
15
DR
61
F62 15A
F29 30A
F56 15A
F71 10A
F26 30A
R11
K04
A02X
A02P
XF:3
XME1
X1.4_A
GB:2 B XA:8
AC:0 C X1.GM11
AC:0 B X10.In2
FE:1
FE:2
FE:3
1.5GN/R
0.75BL/SB
1.5W
4.0R
4.0W
2.1_D
1.5Y/R
4.0GN/R
2.5R
1.5BL/R
1.5R/SB
1.5SB
1.5Y/R
1.5GN/R
HZ:1 B EXT:2
NA:4 B S76.1
NA:3 C K41.30
NA:0 C K61.30
NC:3 C PL:1
NC:3 C K43.30
NH:1 B K42.30
HZ:1 B EXT:1
NA:2 C K40.30
NA:1 C K37.30
NA:2 B S79B.1
NA:1 C K39.30
NA:1 B S79A.1
NA:1 C K38.30

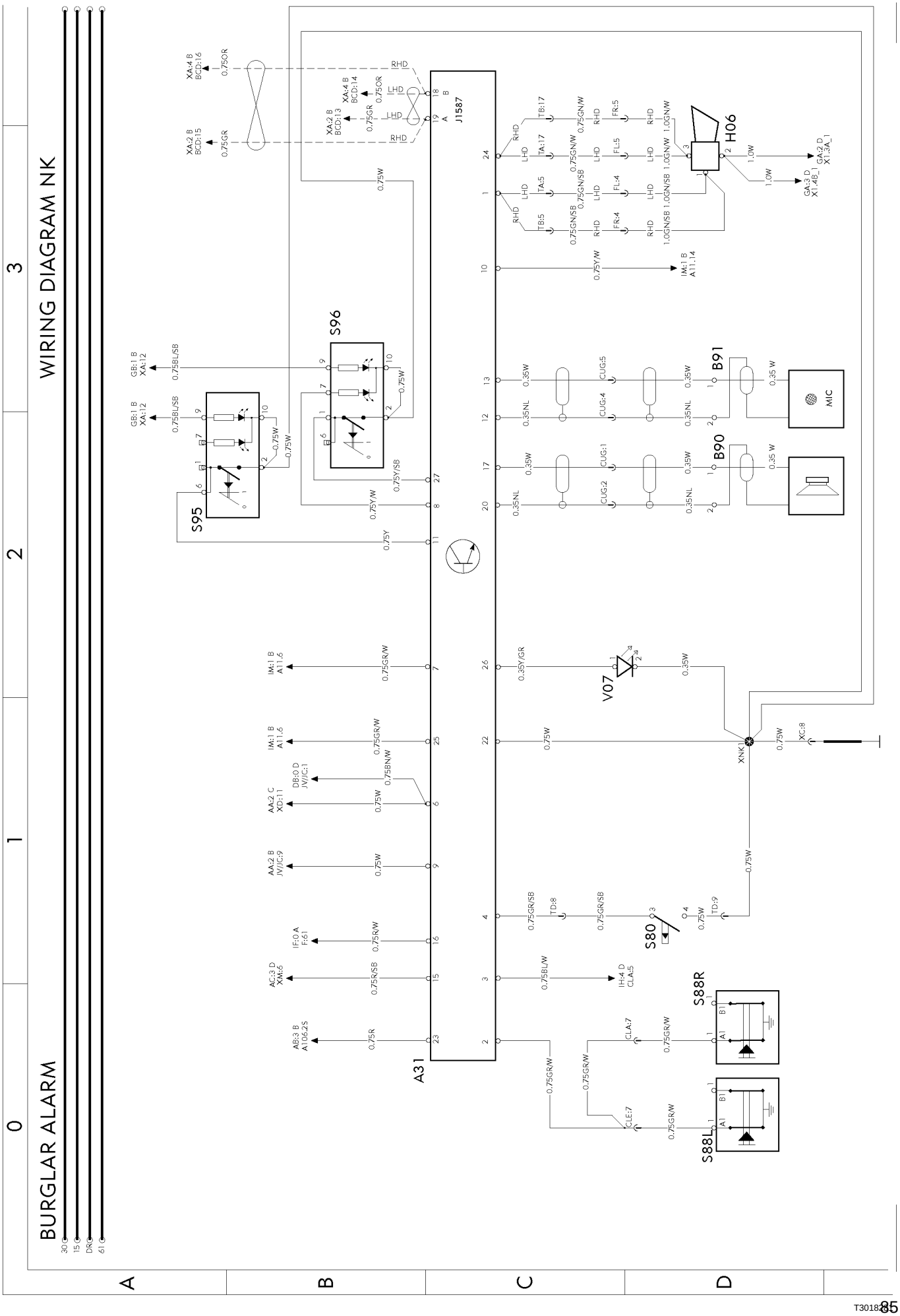

BODY BUILDER (BB)
AUXSW-6 AND SWAPBODY
WIRING DIAGRAM NA
Bodybuilder variant for swapbody
Fifth wheel lock
S79A
S79B
S79D
S19
S83
S76
K37
K38
K39
K40
K41
K61
Y48A
Y48B
E33LF
E33LR
E33RF
E33RR

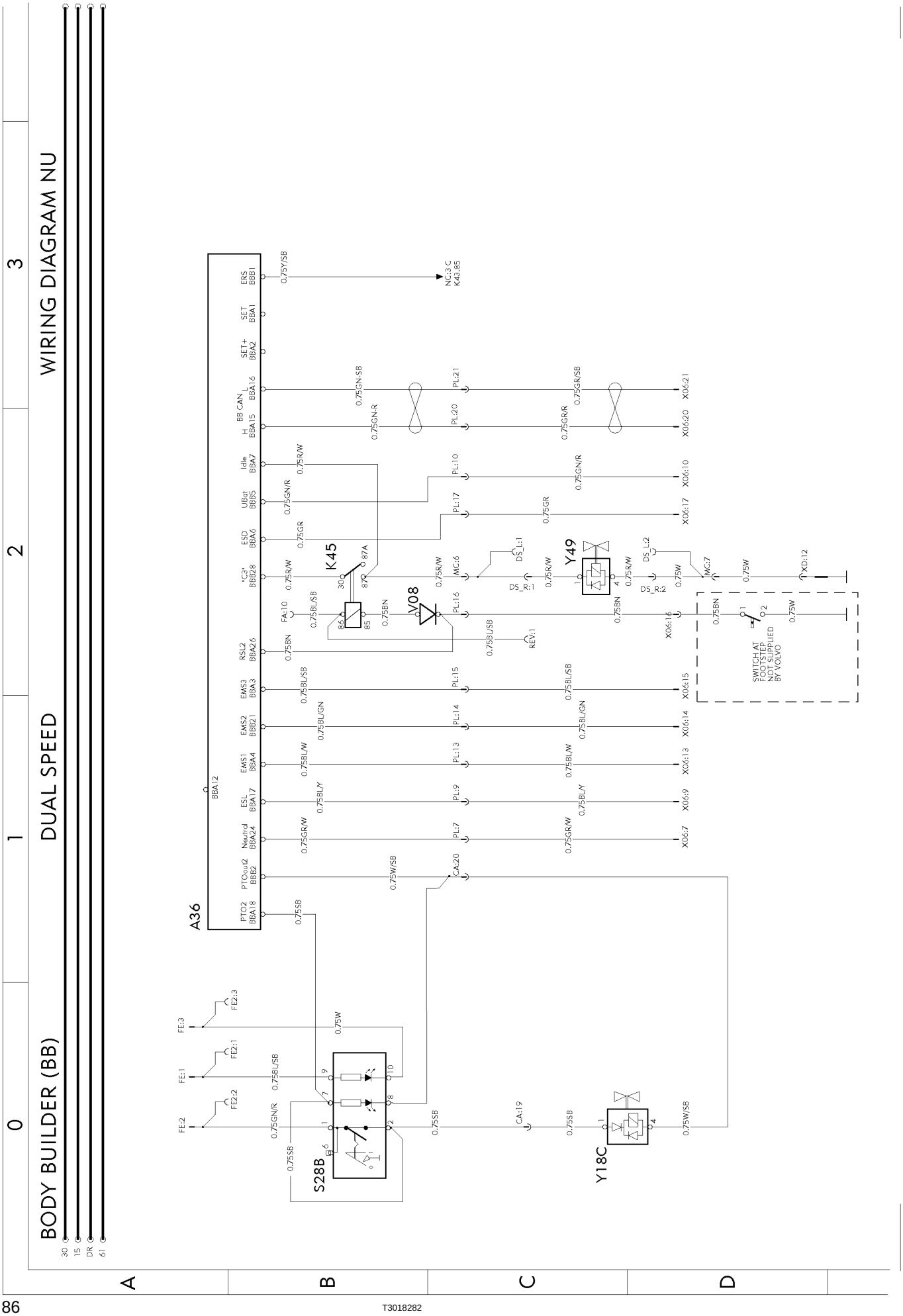
T3017701

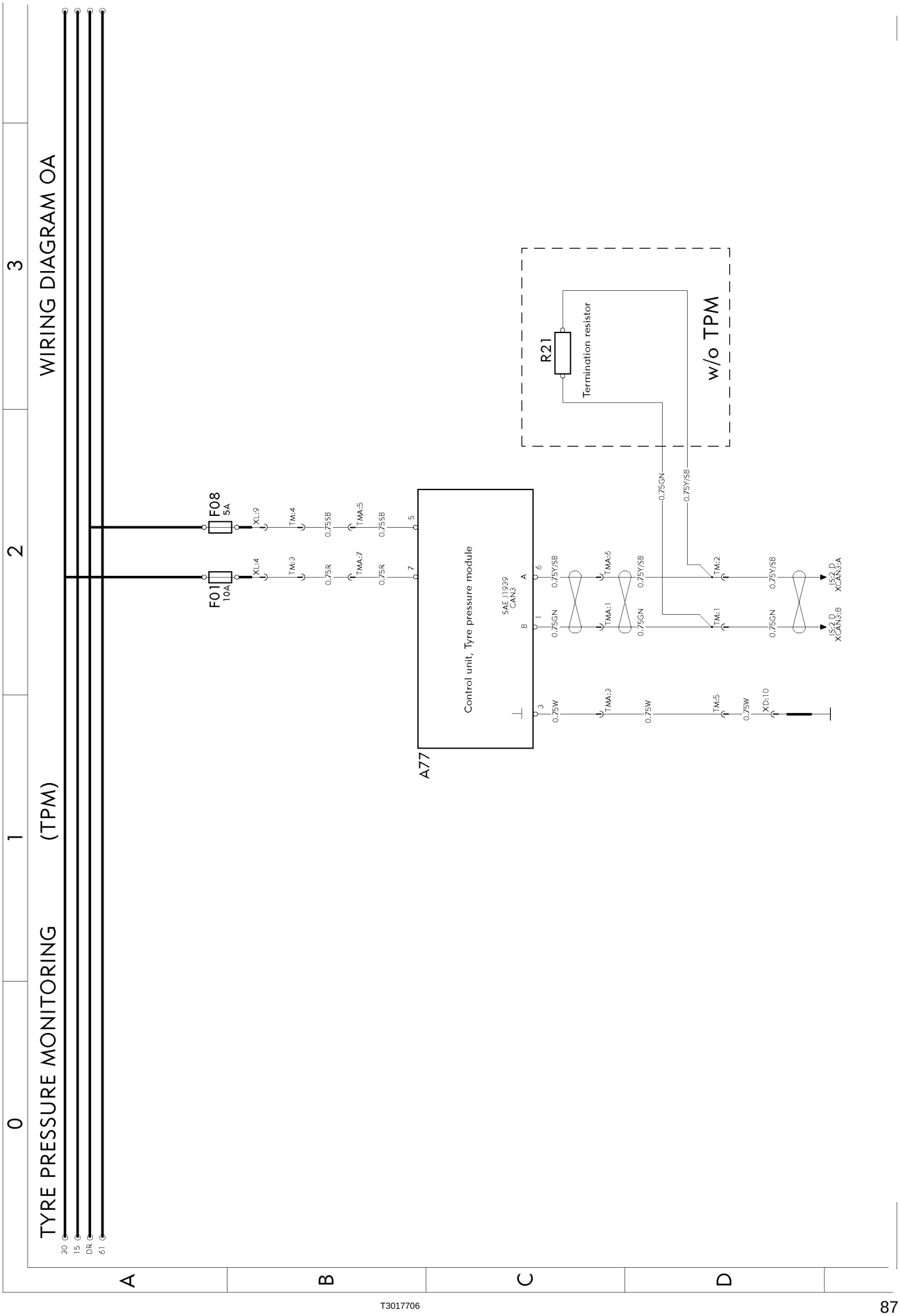

BODY BUILDER (BB)
ELCE-CK, BBM, PTO2
WIRING DIAGRAM NC
30
15
DR
61
A36
Control unit, BBM
(Body Builder Module)
K43
S28B
Y18C
T3018280

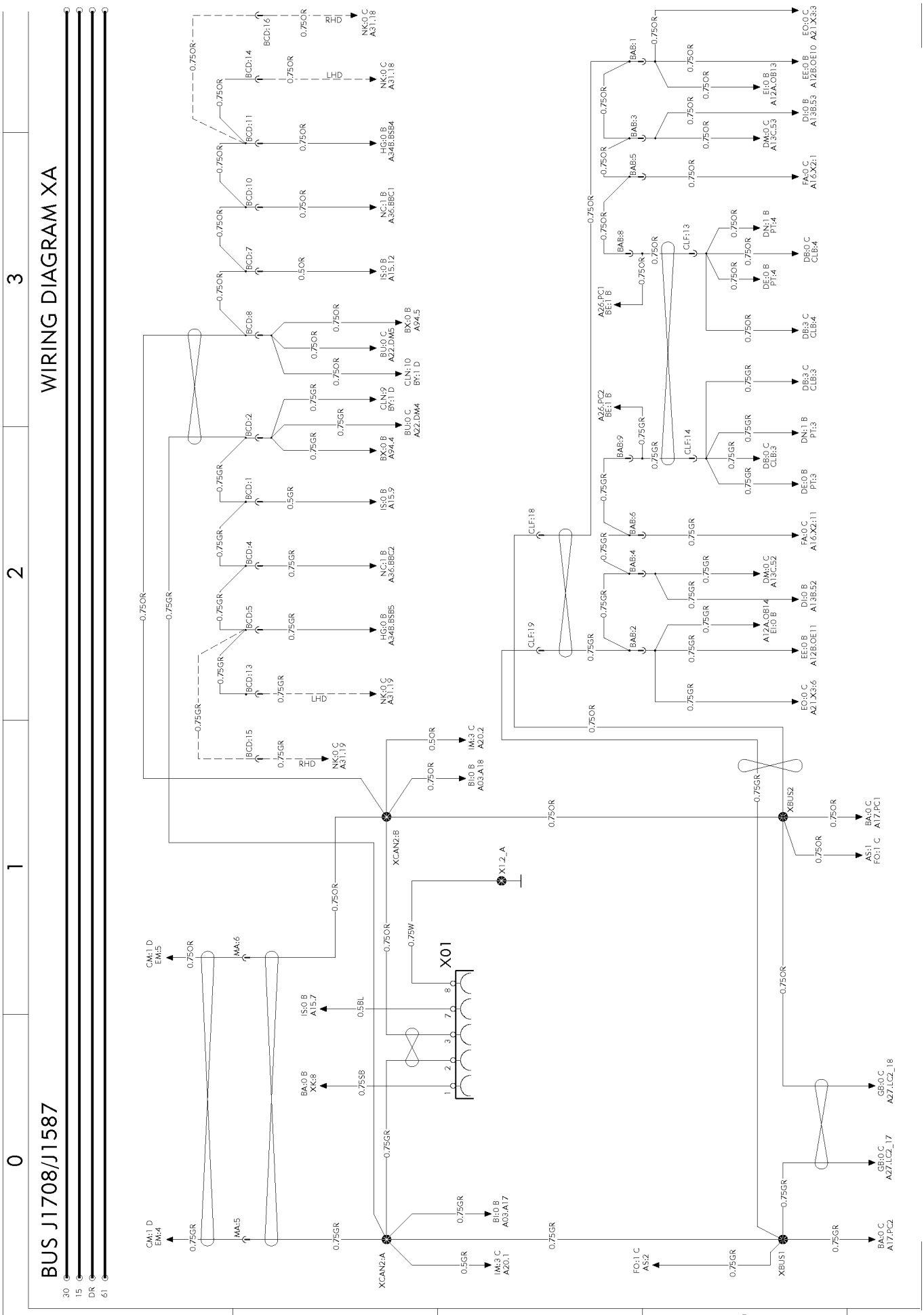

EXTRA SPOTLAMPS
FRONT/ROOF, MAX 4X70W
WIRING DIAGRAM NI
0
1
2
3
A
B
C
D
30
15
DR
61
S76A
K42
E03_A
E03_B
E03_L
E03_R
LAMPS NOT SUPPLIED BY VOLVO
XLA1
XLA2
XNI1
XNI2
XAP1
XB86
FA5
SLR:1
SLR:2
SLR:3
SLF:1
SLF:2
0.75BL/SB
0.75W
0.75R
1.5GN
1.5BL
2.5R
2.5W

T3017703

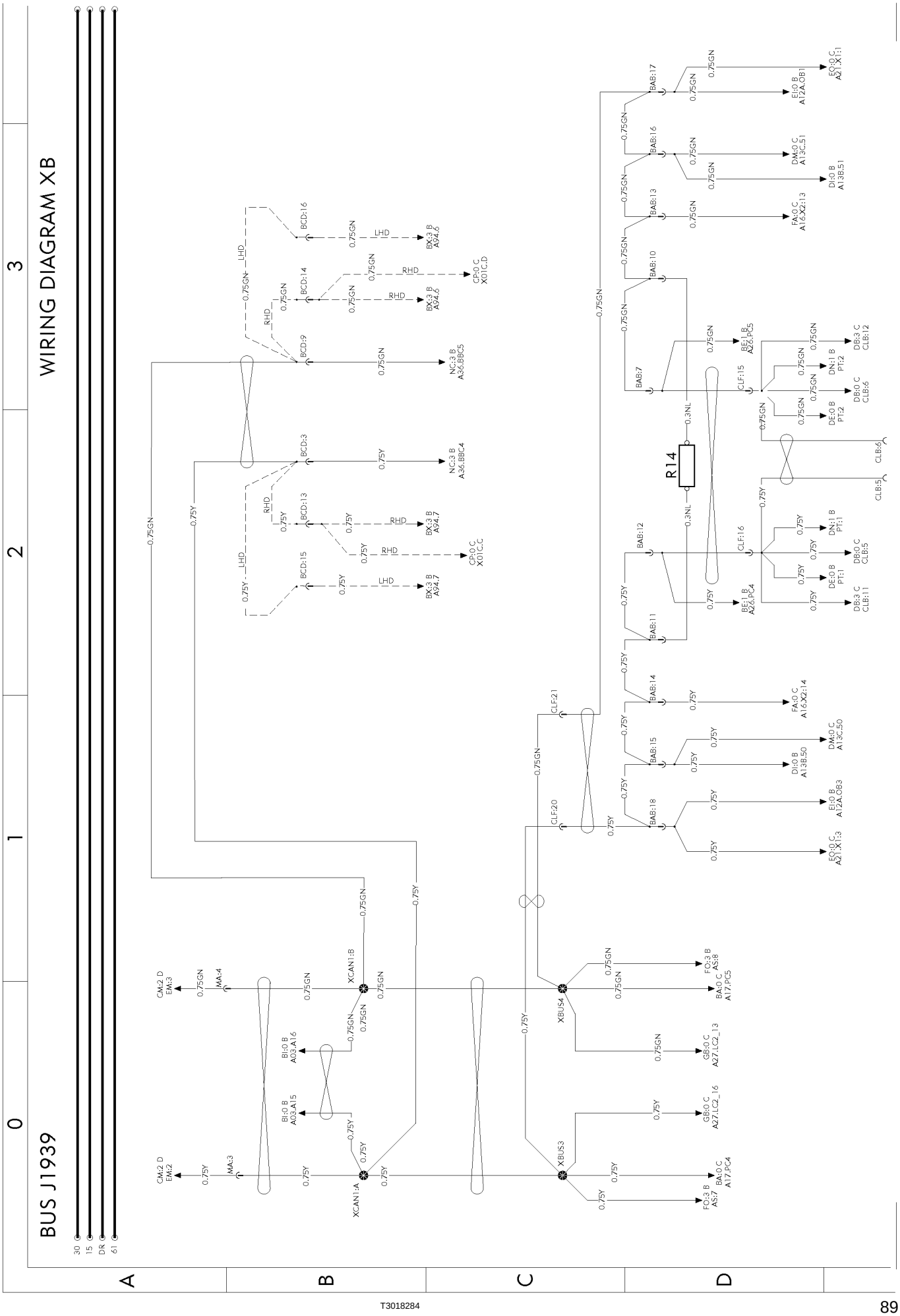

WIRING DIAGRAM NK
BURGLAR ALARM
A31
J1587
S95
S96
S80
S88R
S88L
V07
B91
B90
H06
MIC
XNK1
RHD
LHD


BODY BUILDER (BB)
DUAL SPEED
WIRING DIAGRAM NU
30
15
DR
61
A36
BBA12
PTO2 BBA18
PTOout2 BBB2
Neutral BBA24
ESL BBA17
EMS1 BBA4
EMS2 BBB21
EMS3 BBA3
RSL2 BBA26
"C3" BBB28
ESD BBA6
UBat BBB5
Idle BBA7
H BB CAN L BBA16
BBA15
SET+ BBA2
SET BBA1
ERS BBB1
K45
V08
Y49
Y18C
S28B
SWITCH AT FOOTSTEP NOT SUPPLIED BY VOLVO
NC:3 C K43.85
X06:21
X06:20
X06:10
X06:17
X06:15
X06:14
X06:13
X06:9
X06:7
X06:16
X0:12
PL:21
PL:20
PL:10
PL:17
PL:16
PL:15
PL:14
PL:13
PL:9
PL:7
CA:20
CA:19
FA:10
REV:1
DS_L:1
DS_R:1
DS_L:2
DS_R:2
MC:6
MC:7
FE:1
FE:2
FE:3
FE2:1
FE2:2
FE2:3
0.75SB
0.75W
0.75W/SB
0.75BL/SB
0.75BL/GN
0.75BL/W
0.75BL/Y
0.75GR/W
0.75BN
0.75R/W
0.75GN/R
0.75GR
0.75GN-SB
0.75GN-R
0.75GR/SB
0.75GR/R
0.75Y/SB
A
B
C
D


TYRE PRESSURE MONITORING (TPM)
WIRING DIAGRAM OA
30
15
DR
61
F01
10A
F08
5A
XL:4
XL:9
TM:3
TM:4
TMA:7
TMA:5
0.75R
0.75SB
7
5
A77
Control unit, Tyre pressure module
SAE J1939
CAN3
A
B
6
1
3
0.75Y/SB
0.75GN
0.75W
TMA:6
TMA:1
TMA:3
TM:2
TM:1
TM:5
XD:10
0.75GN
0.75Y/SB
w/o TPM
R21
Termination resistor
IS2 D
XCAN3:A
IS2 D
XCAN3:B


WIRING DIAGRAM XA
BUS J1708/J1587
0
1
2
3
A
B
C
D
30
15
DR
61
X01
XCAN2:A
XCAN2:B
XBUS1
XBUS2
X1.2_A
RHD
LHD

T3018283


WIRING DIAGRAM XB
BUS J1939
0
1
2
3
A
B
C
D
30
15
DR
61
XCAN1:A
XCAN1:B
XBUS3
XBUS4
R14
CLF:1
CLF:2
CLF:15
CLF:16
CLF:20
BCD:3
BCD:9
BCD:13
BCD:14
BCD:15
BCD:16
BAB:7
BAB:10
BAB:11
BAB:12
BAB:13
BAB:14
BAB:15
BAB:16
BAB:17
BAB:18
LHD
RHD
0.75GN
0.75Y
0.3NL

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1476	Wiring harness, cab-engine	page 124
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1502	Wiring harness, lower front left	page 164
1503	Wiring harness, lower front right	page 165
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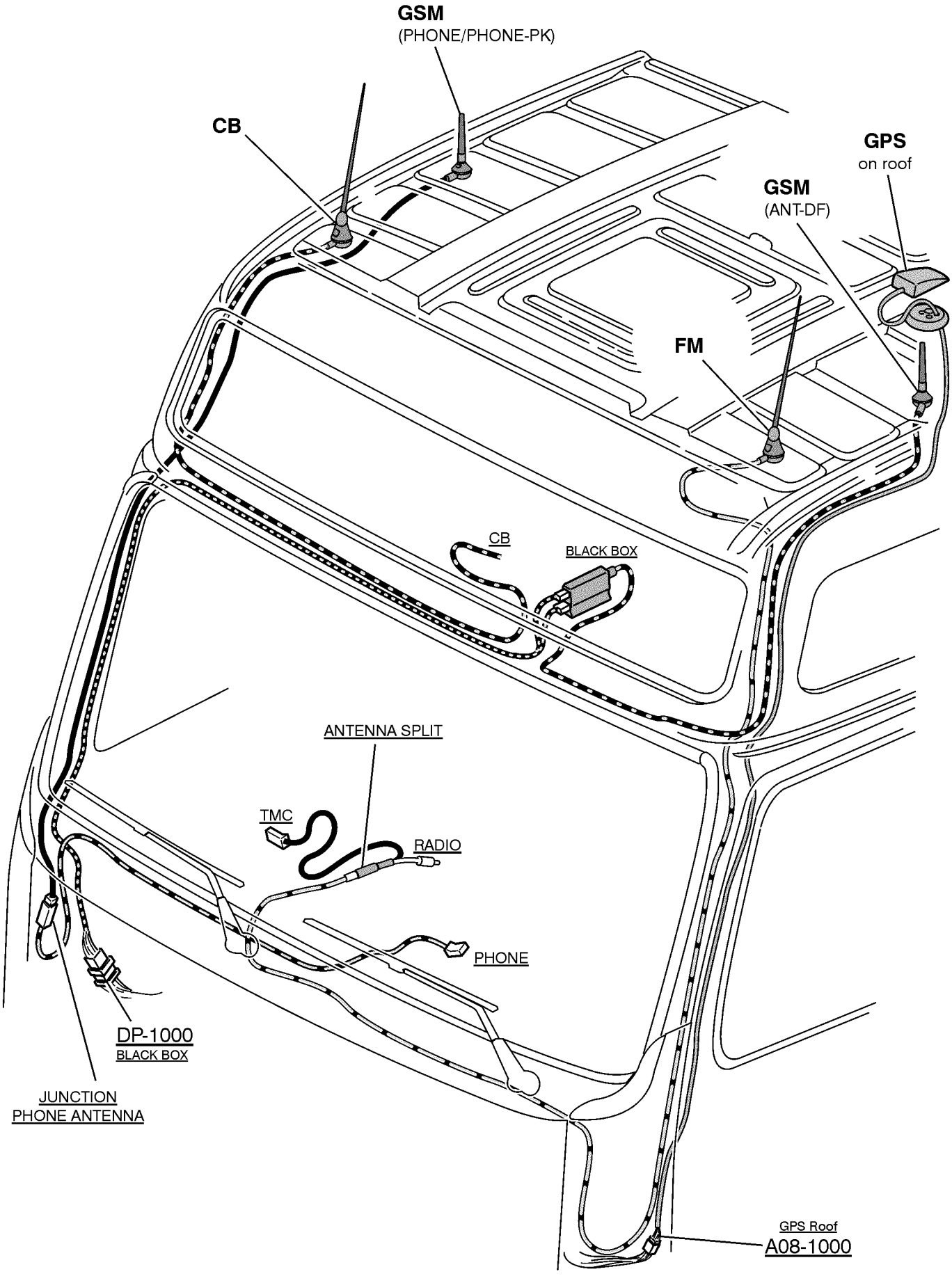
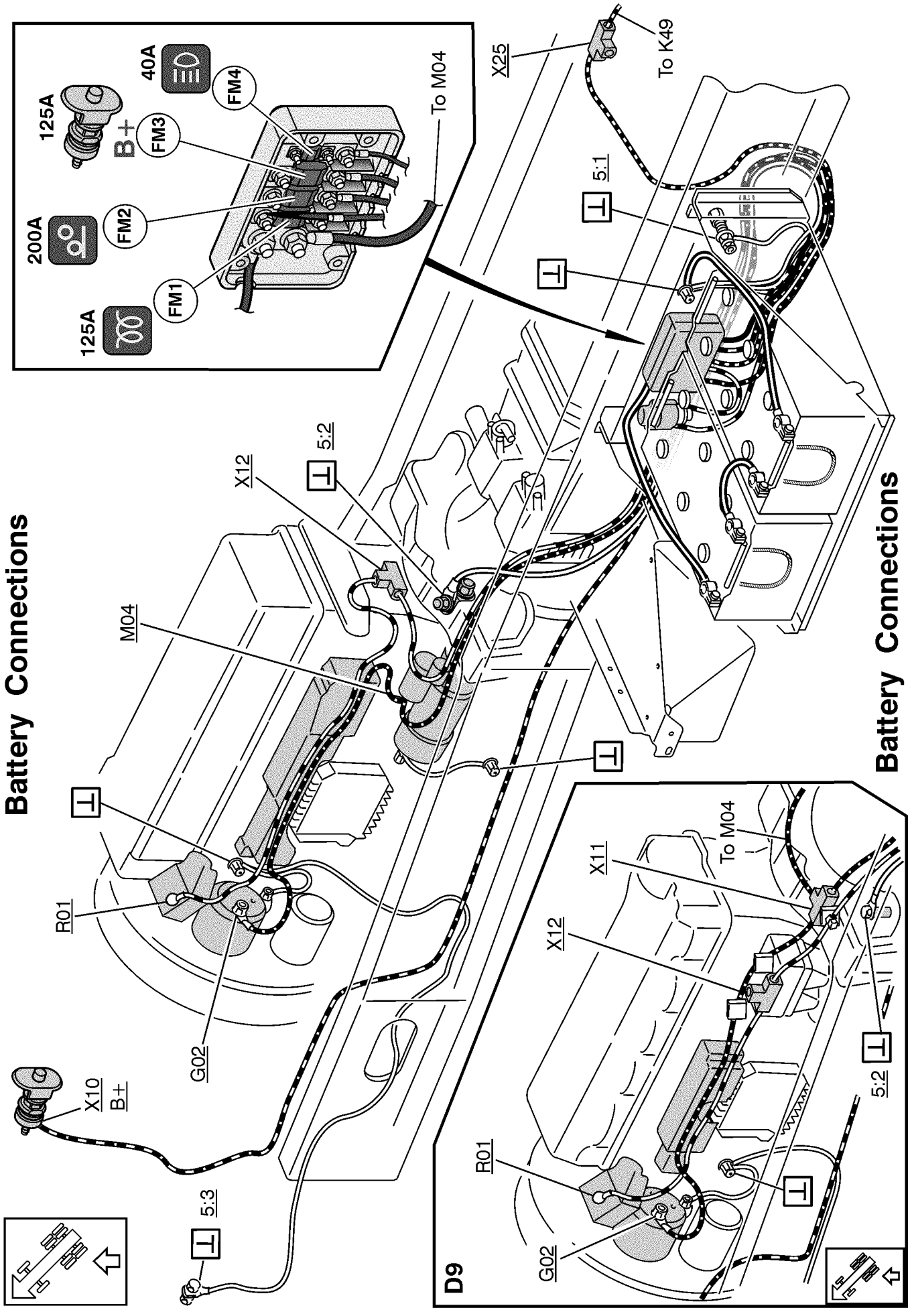
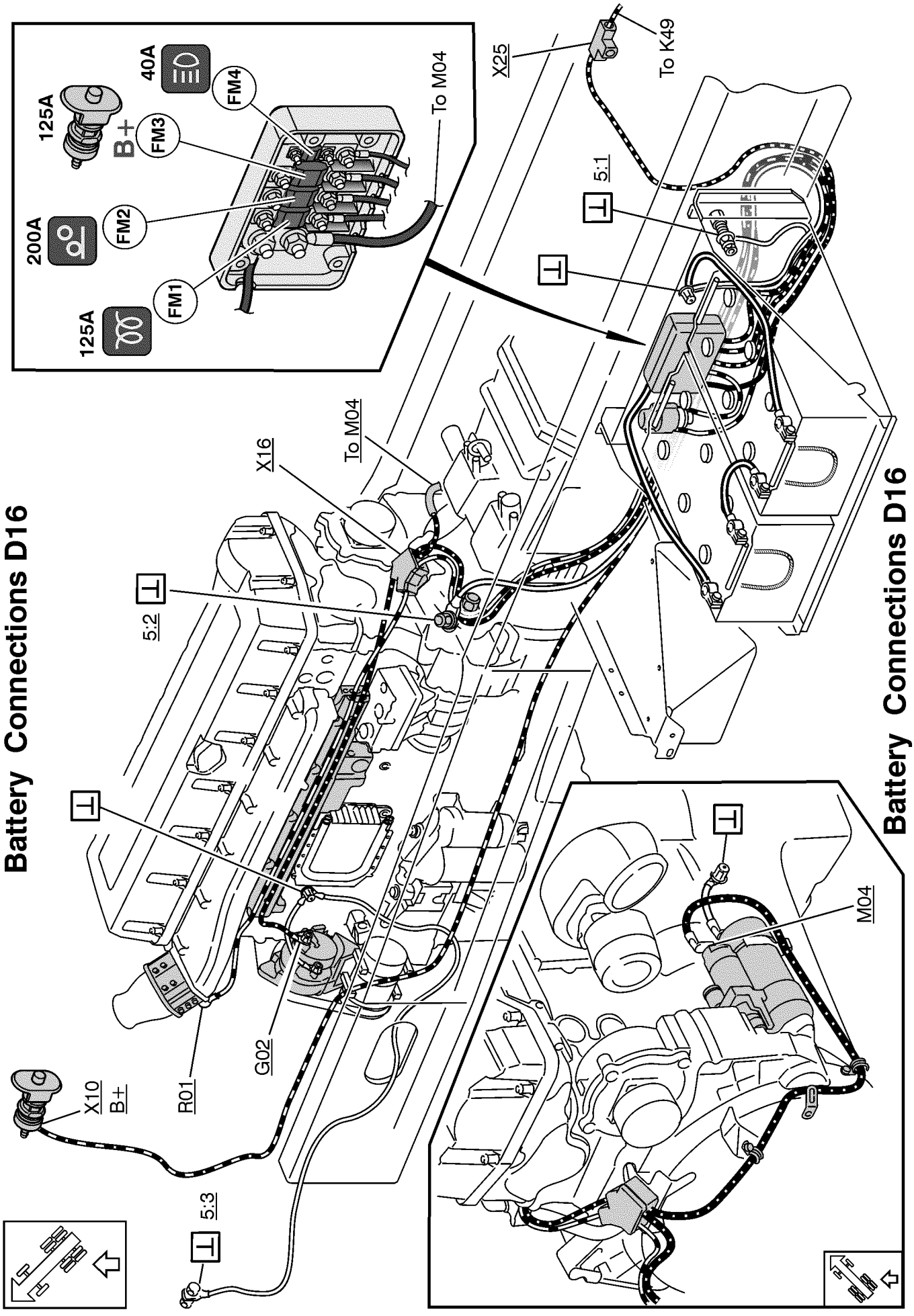
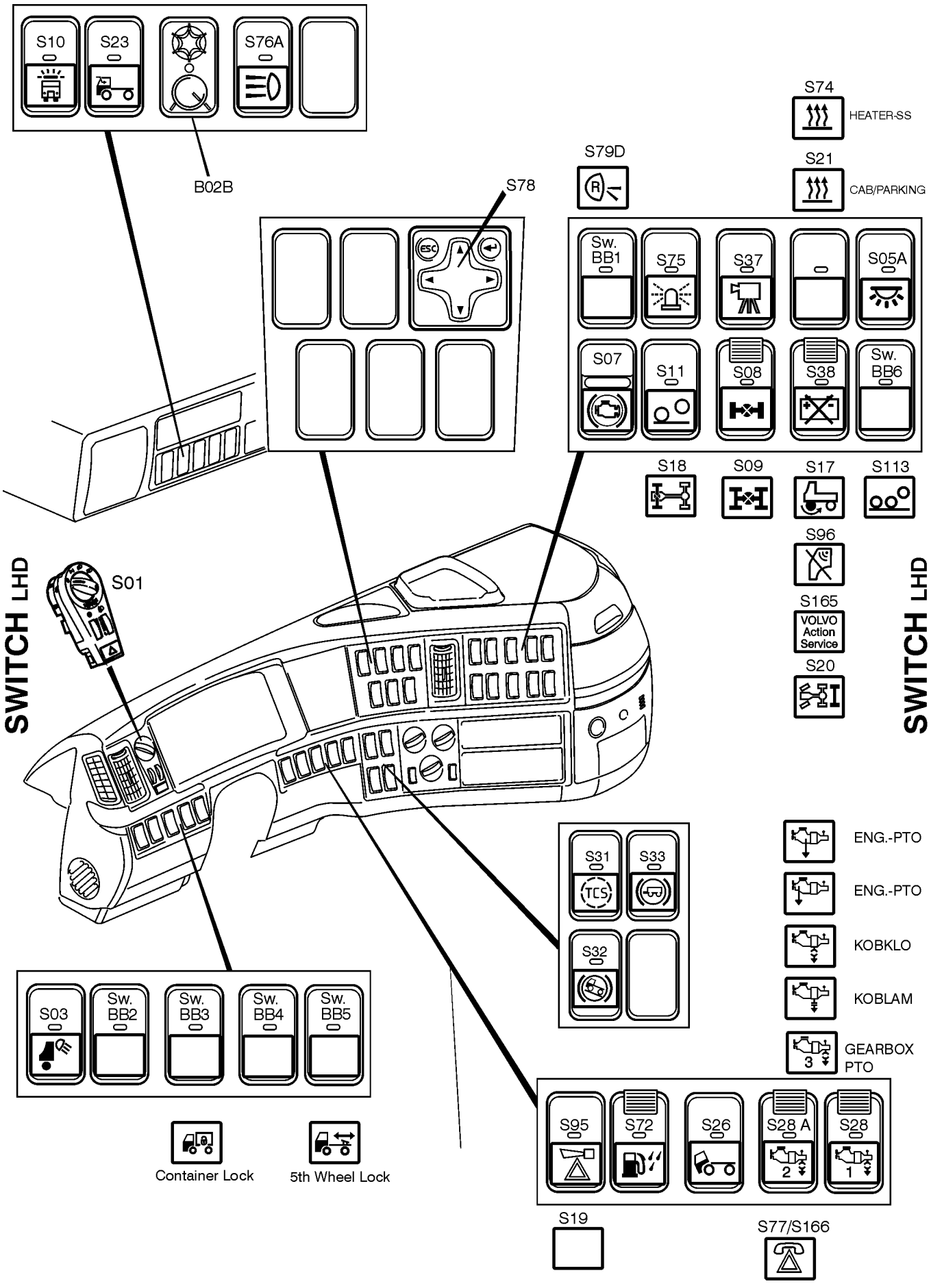
Illustrations

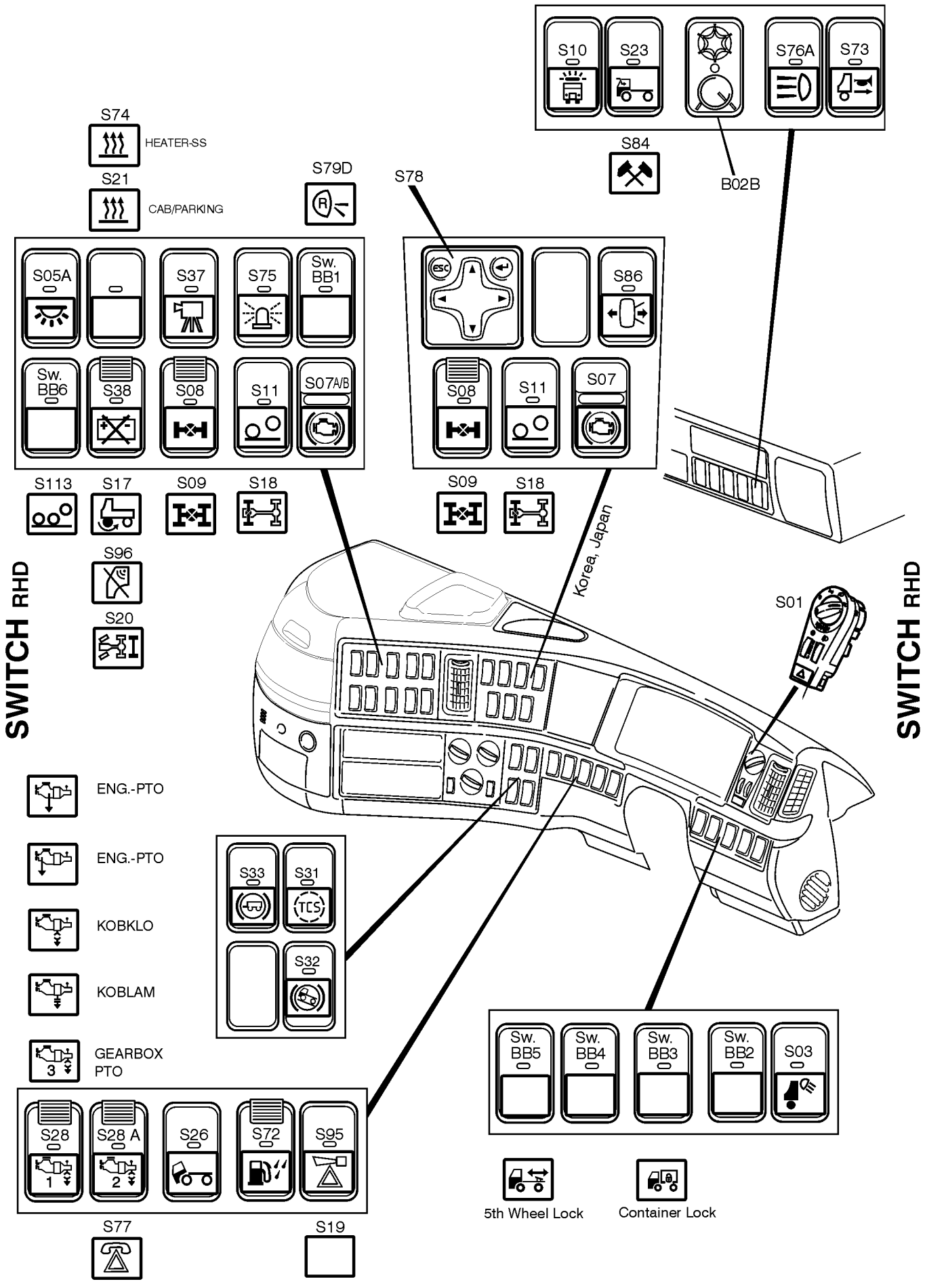



Battery Connections
125A
B+
FM3
40A
FM4
200A
FM2
125A
FM1
To M04
X25
To K49
5:1
X12
5:2
M04
R01
G02
X10
B+
5:3
D9
X11
To M04
X12
R01
G02
5:2
Battery Connections
T3017762

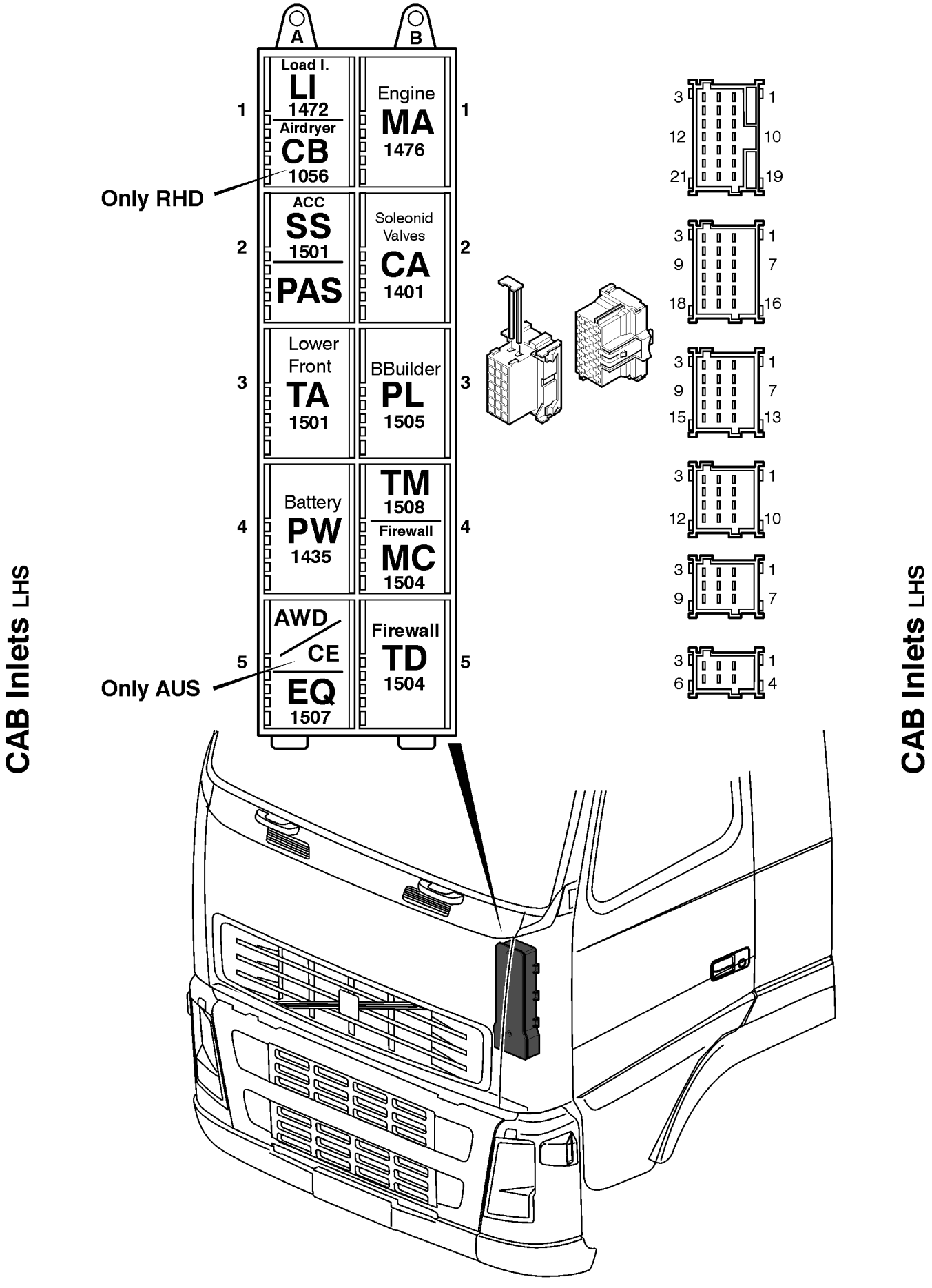

Battery Connections D16
125A
B+
FM3
40A
FM4
200A
FM2
125A
FM1
To M04
X25
To K49
5:1
X16
To M04
5:2
X10
B+
R01
G02
5:3
M04
Battery Connections D16


S10
S23
S76A
B02B
S78
S79D
S74
HEATER-SS
S21
CAB/PARKING
Sw. BB1
S75
S37
S05A
S07
S11
S08
S38
Sw. BB6
S18
S09
S17
S113
S96
S165
VOLVO Action Service
S20
SWITCH LHD
S01
SWITCH LHD
S31
S33
TCS
S32
ENG.-PTO
ENG.-PTO
KOBKLO
KOBLAM
GEARBOX PTO
S03
Sw. BB2
Sw. BB3
Sw. BB4
Sw. BB5
Container Lock
5th Wheel Lock
S95
S72
S26
S28 A
S28
2
1
S19
S77/S166

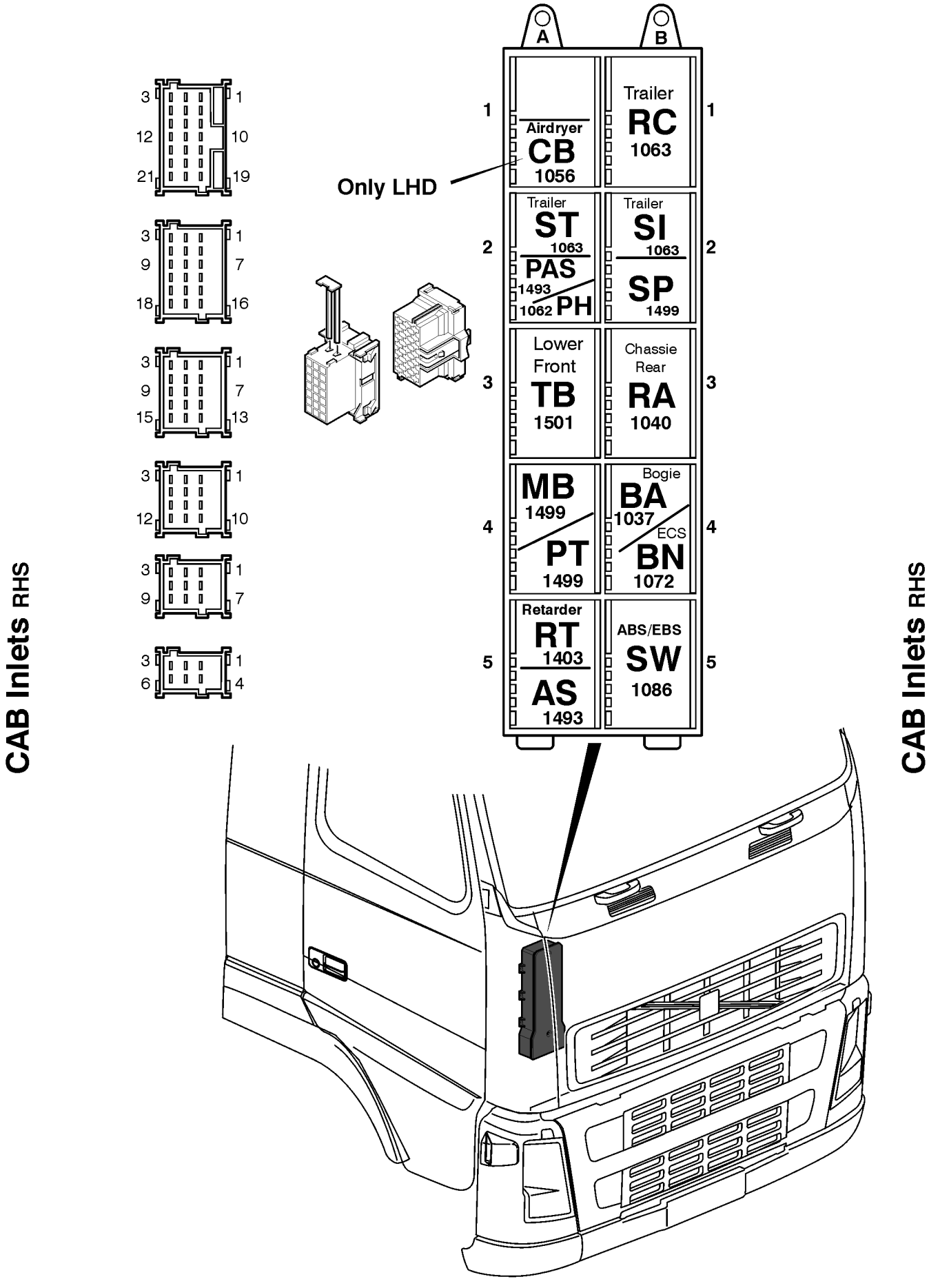
T3018300

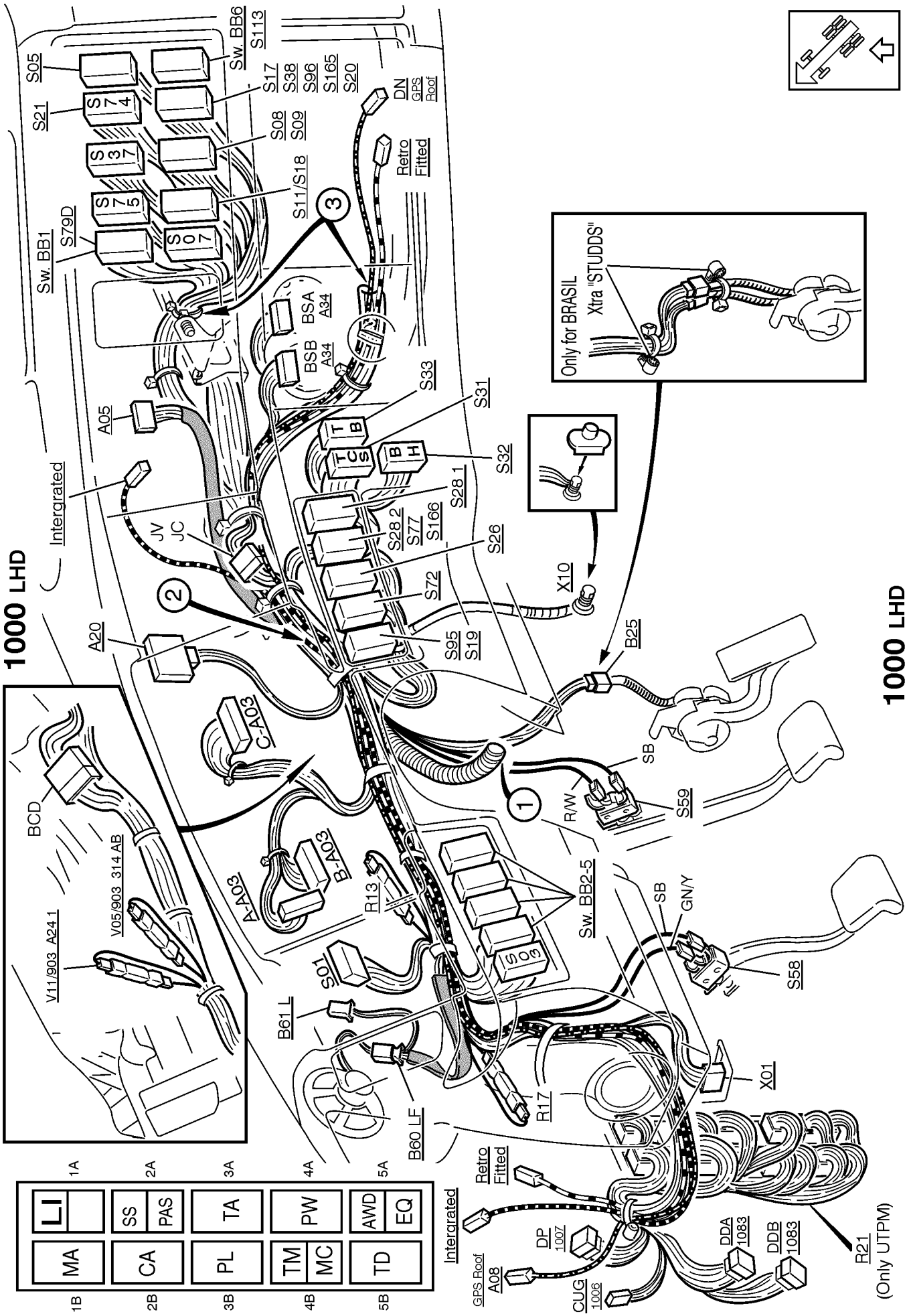

S10
S23
S76A
S73
S84
B02B
S74
HEATER-SS
S21
CAB/PARKING
S79D
S78
S05A
S37
S75
Sw. BB1
S86
Sw. BB6
S38
S08
S11
S07A/B
S07
S113
S17
S09
S18
S96
S20
SWITCH RHD
Korea, Japan
S01
ENG.-PTO
ENG.-PTO
KOBKLO
KOBLAM
GEARBOX PTO
S33
S31
S32
Sw. BB5
Sw. BB4
Sw. BB3
Sw. BB2
S03
S28
S28 A
S26
S72
S95
5th Wheel Lock
Container Lock
S77
S19

T3018301

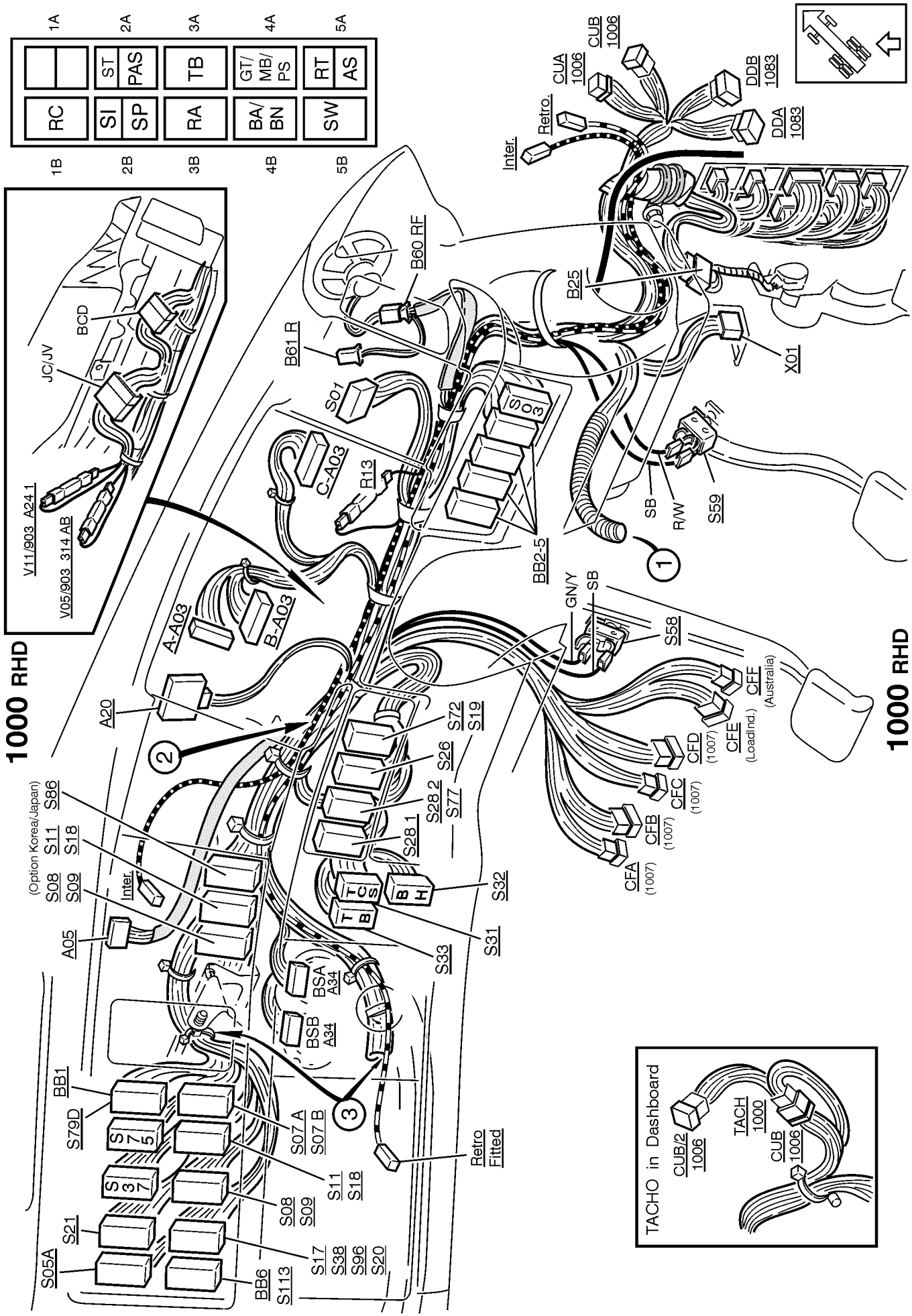

A
B
Load I.
LI
1472
Airdryer
CB
1056
Engine
MA
1476
ACC
SS
1501
PAS
Soleonid
Valves
CA
1401
Lower
Front
TA
1501
BBuilder
PL
1505
Battery
PW
1435
TM
1508
Firewall
MC
1504
AWD
CE
EQ
1507
Firewall
TD
1504
1
2
3
4
5
Only RHD
Only AUS
3 1 12 10 21 19
3 1 9 7 18 16
3 1 9 7 15 13
3 1 12 10
3 1 9 7
3 1 6 4
CAB Inlets LHS
CAB Inlets LHS

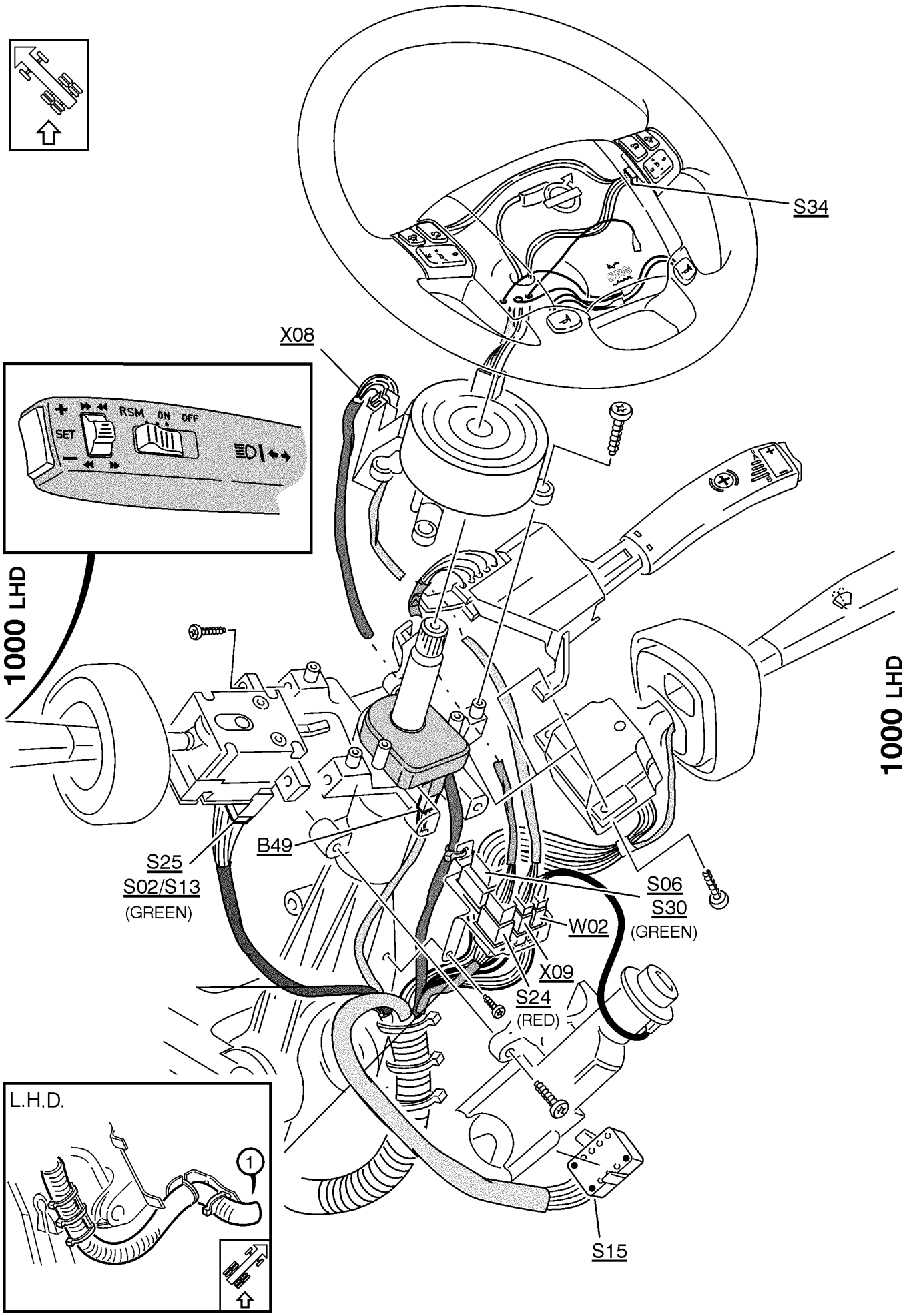
T3018314


CAB Inlets RHS
CAB Inlets RHS
A
B
1
2
3
4
5
Only LHD
Airdryer
CB
1056
Trailer
RC
1063
Trailer
ST
1063
PAS
1493
1062 PH
Trailer
SI
1063
SP
1499
Lower
Front
TB
1501
Chassie
Rear
RA
1040
MB
1499
PT
1499
Bogie
BA
1037
ECS
BN
1072
Retarder
RT
1403
AS
1493
ABS/EBS
SW
1086
3 1
12 10
21 19
3 1
9 7
18 16
3 1
9 7
15 13
3 1
12 10
3 1
9 7
3 1
6 4

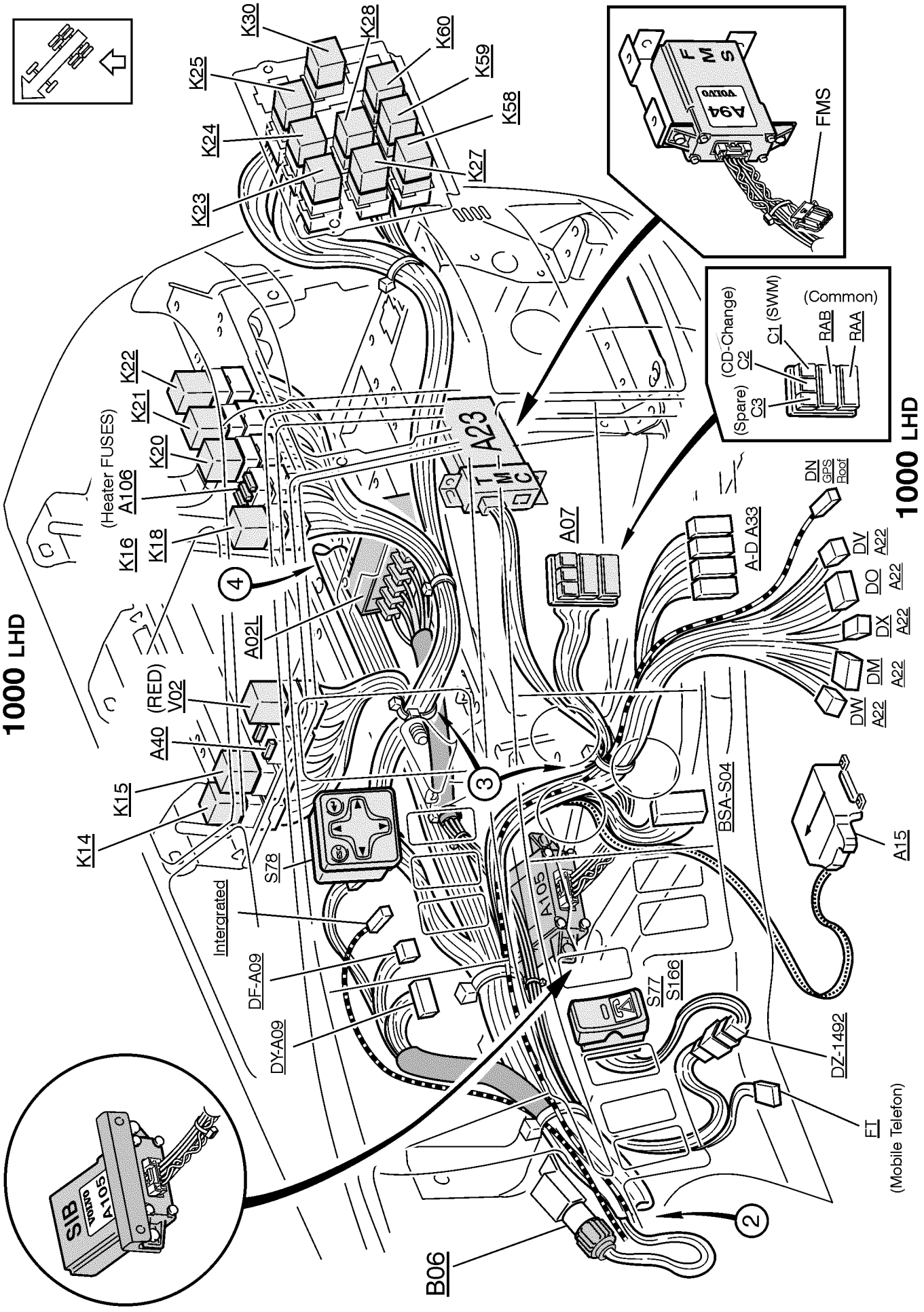

1000 LHD
1000 LHD
Only for BRASIL
Xtra "STUDDS"
Intergrated
Retro Fitted
GPS Roof
Sw. BB1
Sw. BB6
Sw. BB2-5
S05
S21
S79D
S11/S18
S08
S09
S17
S38
S96
S165
S20
S113
DN
A05
A20
A08
A34
BSA
BSB
S33
S31
S32
S28 1
S28 2
S77
S166
S26
S72
S95
S19
X10
B25
S59
S58
X01
R17
R13
S01
B61 L
B60 LF
C-A03
B-A03
A-A03
BCD
V11/903 A24 1
V05/903 314 AB
JV
JC
R/W
SB
GN/Y
DP
1007
CUG
1006
DDA
1083
DDB
1083
R21
(Only UTPM)
MA
LI
CA
SS
PAS
PL
TA
TM
MC
PW
TD
AWD
EQ
1A
2A
3A
4A
5A
1B
2B
3B
4B
5B

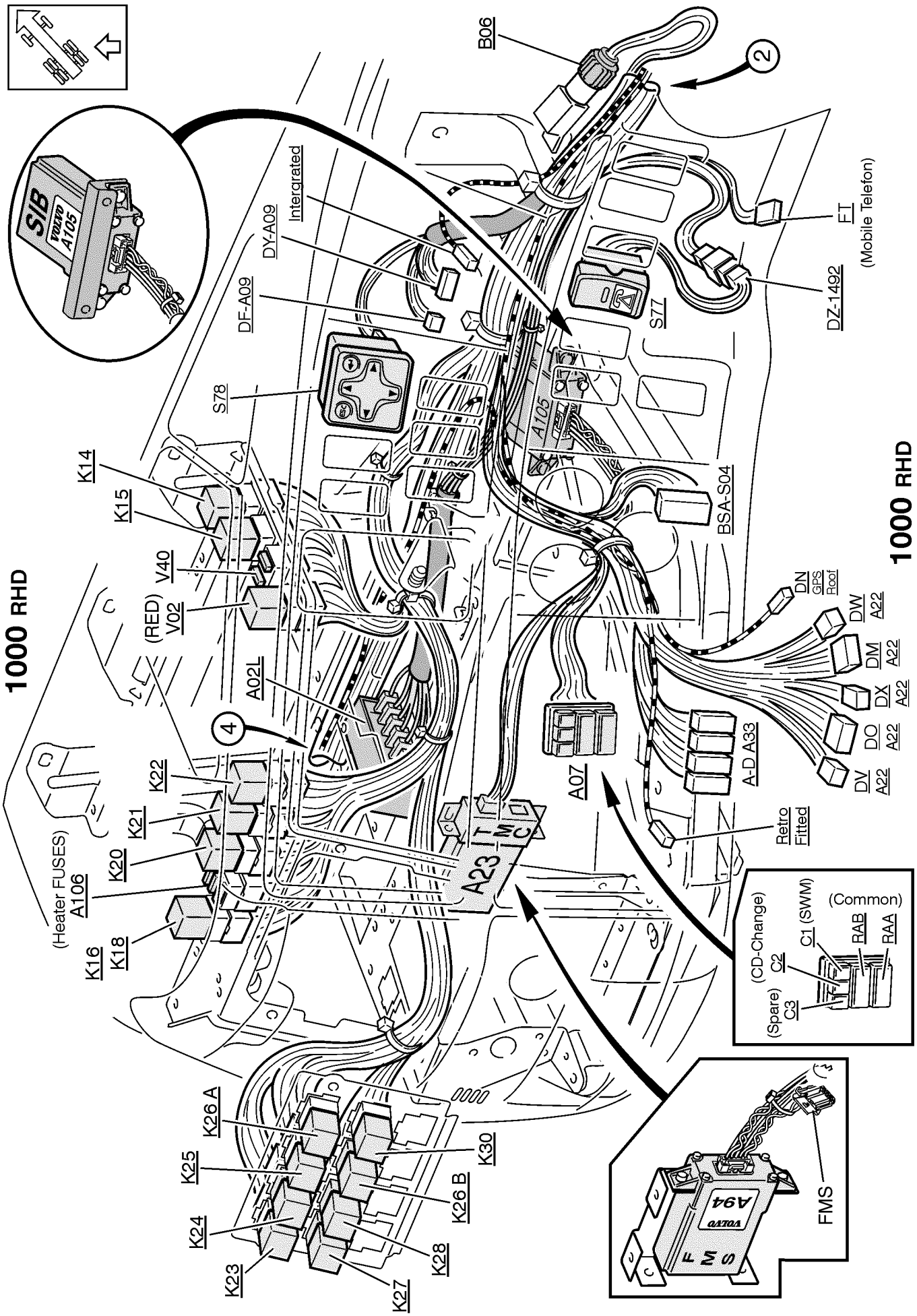
T3018302


1000 RHD
1000 RHD
1A
2A
3A
4A
5A
1B
2B
3B
4B
5B
RC
SI
SP
ST
PAS
RA
TB
BA/
BN
GT/
MB/
PS
SW
RT
AS
V11/903 A24 1
V05/903 314 AB
JC/JV
BCD
A-A03
B-A03
C-A03
R13
S01
S03
B61 R
B60 RF
B25
X01
Inter.
Retro.
CUA 1006
CUB 1006
DDB 1083
DDA 1083
SB
R/W
S59
BB2-5
GN/Y
SB
S58
CFA (1007)
CFB (1007)
CFC (1007)
CFD (1007)
CFE (LoadInd.)
CFF (Australia)
A20
S72
S19
S26
S77
S28 2
S28 1
S32
S31
S33
A05
(Option Korea/Japan)
S86
S11
S18
S08
S09
Inter.
BSA A34
BSB A34
BB1
S79D
S07 A
S07 B
S11
S18
S08
S09
S21
S17
S38
S96
S20
S05A
BB6
S113
Retro Fitted
TACHO in Dashboard
CUB/2 1006
TACH 1000
CUB 1006

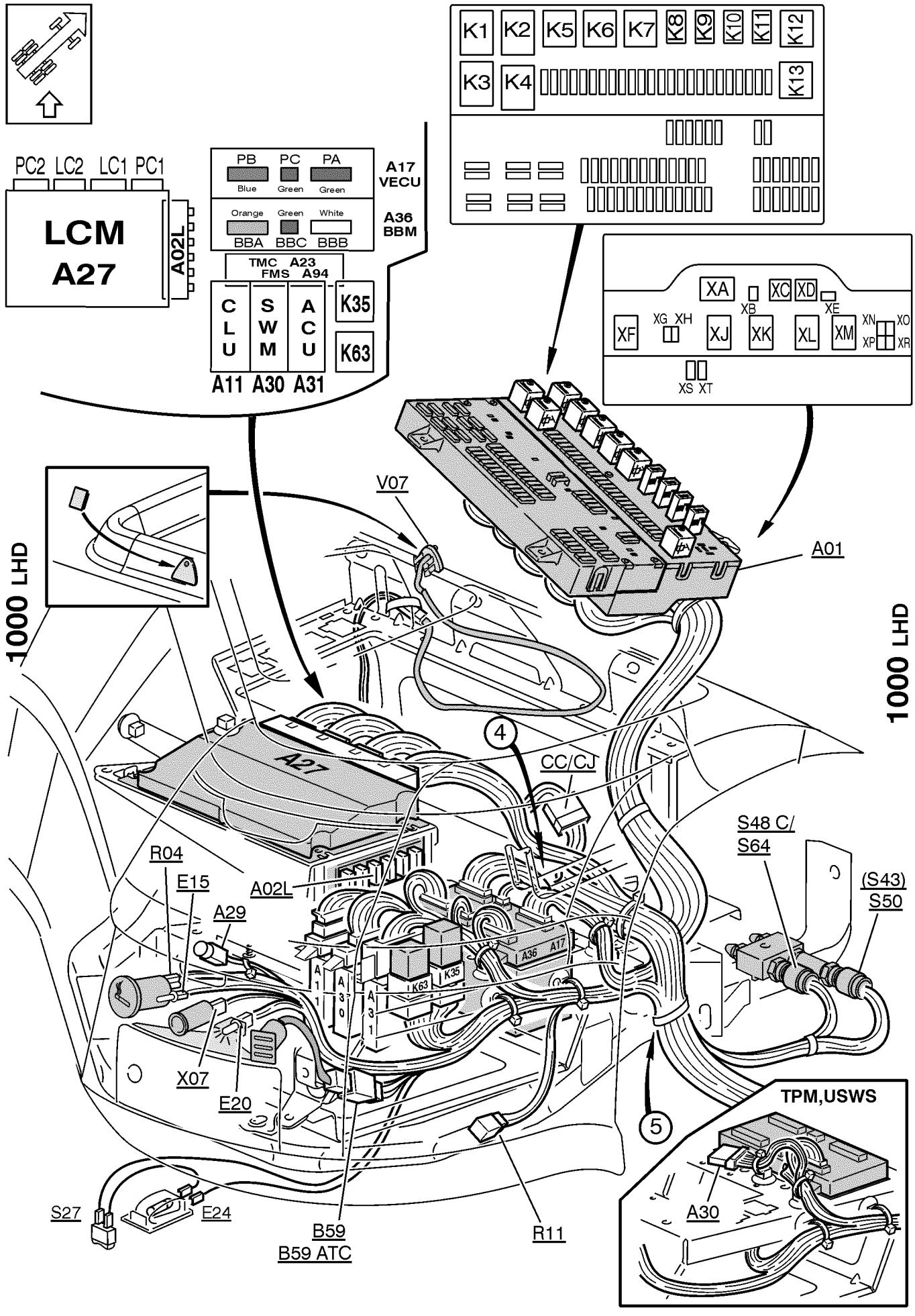

S34
X08
SET
RSM
ON
OFF
1000 LHD
1000 LHD
B49
S25
S02/S13
(GREEN)
S06
S30
(GREEN)
W02
X09
S24
(RED)
S15
L.H.D.
1

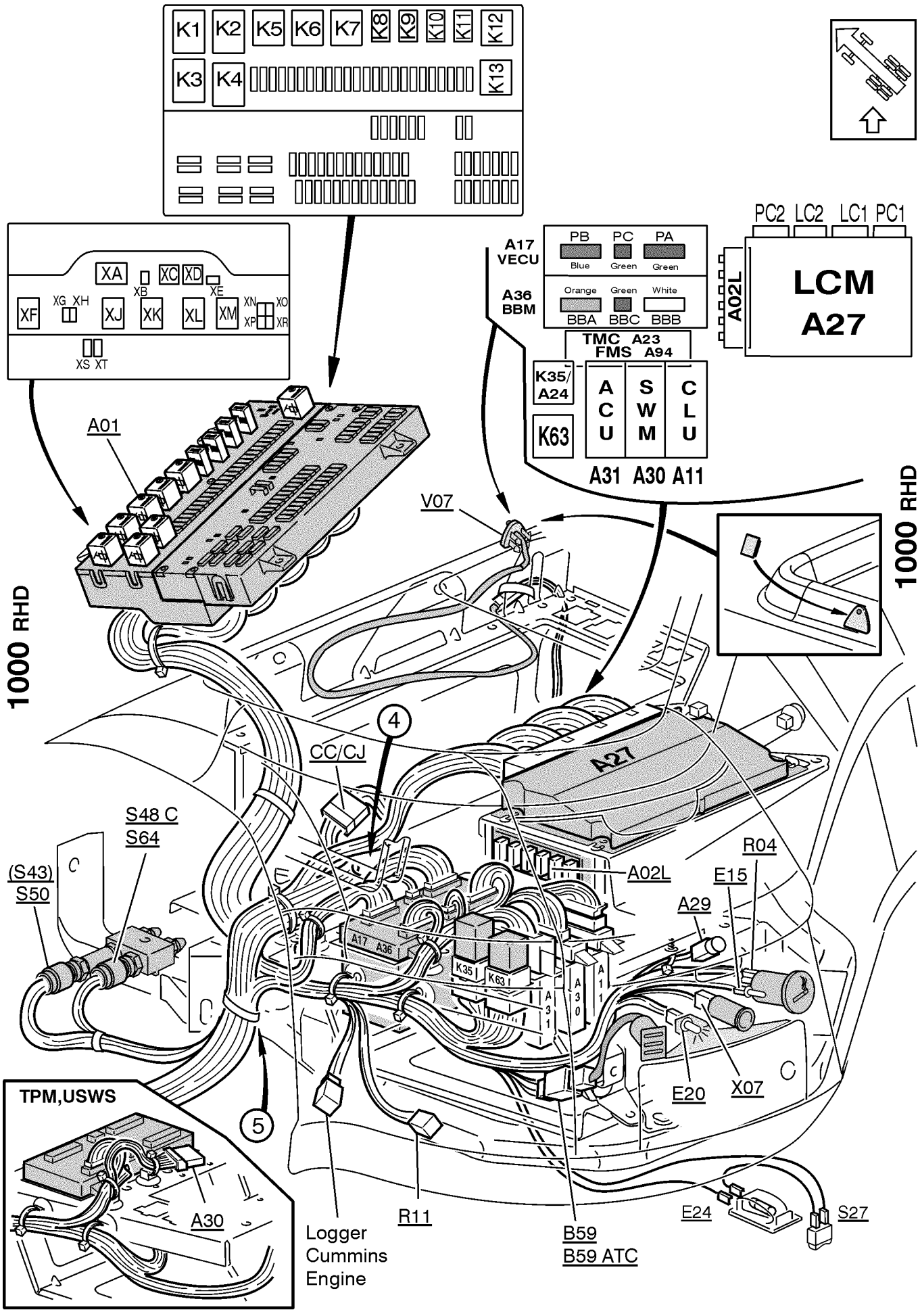
T3017748


1000 LHD
1000 LHD
K30
K28
K60
K25
K59
K24
K58
K27
K23
K22
K21
K20
K16
K18
A106
(Heater FUSES)
A23
A07
A02L
(RED)
V02
A40
K15
K14
S78
Intergrated
DF-A09
DY-A09
A105
BSA-S04
S77
S166
B06
A15
DZ-1492
FI
(Mobile Telefon)
A-D A33
DN
GPS
Roof
DV
DO
DX
DM
DW
A22
FMS
A94
(CD-Changer
C2
(Spare)
C3
C1 (SWM)
(Common)
RAB
RAA
SIB
A105
1
2
3
4

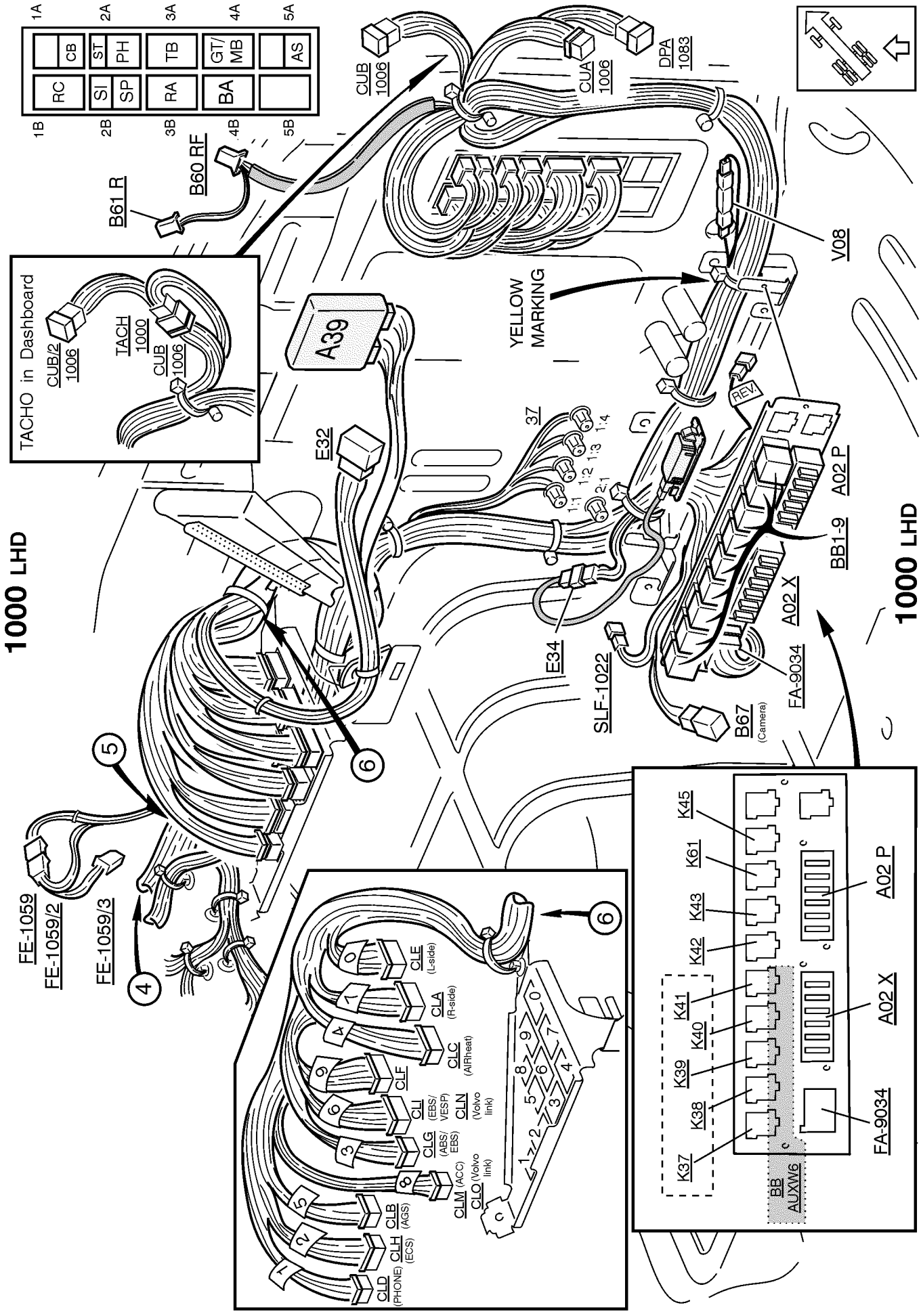

1000 RHD
1000 RHD
SJB
VOLVO
A105
B06
2
FT
(Mobile Telefon)
DZ-1492
S77
DF-A09
DY-A09
Intergrated
S78
A105
K14
K15
V40
(RED)
V02
A02L
4
BSA-S04
DN
GPS
Roof
DW
A22
DM
A22
DX
A22
DO
A22
DV
A22
A-D A33
A07
Retro
Fitted
K22
K21
K20
K16
K18
(Heater FUSES)
A106
A23
K26 A
K25
K24
K23
K27
K28
K26 B
K30
FMS
A94
VOLVO
(CD-Change)
C2
(Spare)
C3
C1 (SWM)
(Common)
RAB
RAA

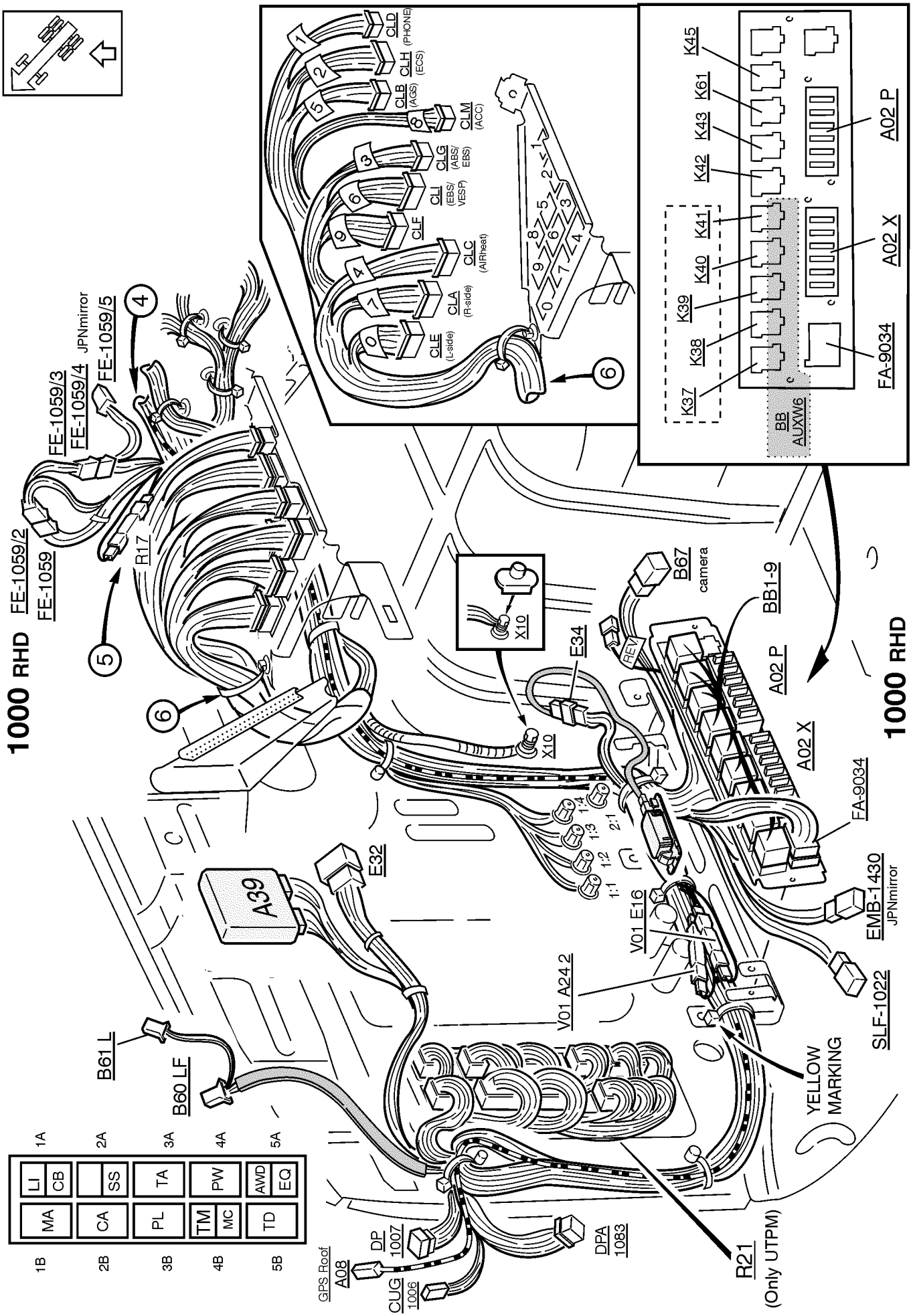
T3018313


K1 K2 K5 K6 K7 K8 K9 K10 K11 K12
K3 K4 K13
PC2 LC2 LC1 PC1
LCM
A27
A02L
PB PC PA
Blue Green Green
A17
VECU
Orange Green White
BBA BBC BBB
A36
BBM
TMC A23
FMS A94
C L U
S W M
A C U
K35
K63
A11 A30 A31
XA XB XC XD XE
XF XG XH XJ XK XL XM XN XO XP XR
XS XT
1000 LHD
V07
A01
A27
4
CC/CJ
S48 C/
S64
(S43)
S50
R04
E15
A02L
A29
X07
E20
S27
E24
B59
B59 ATC
R11
5
TPM,USWS
A30
T301163

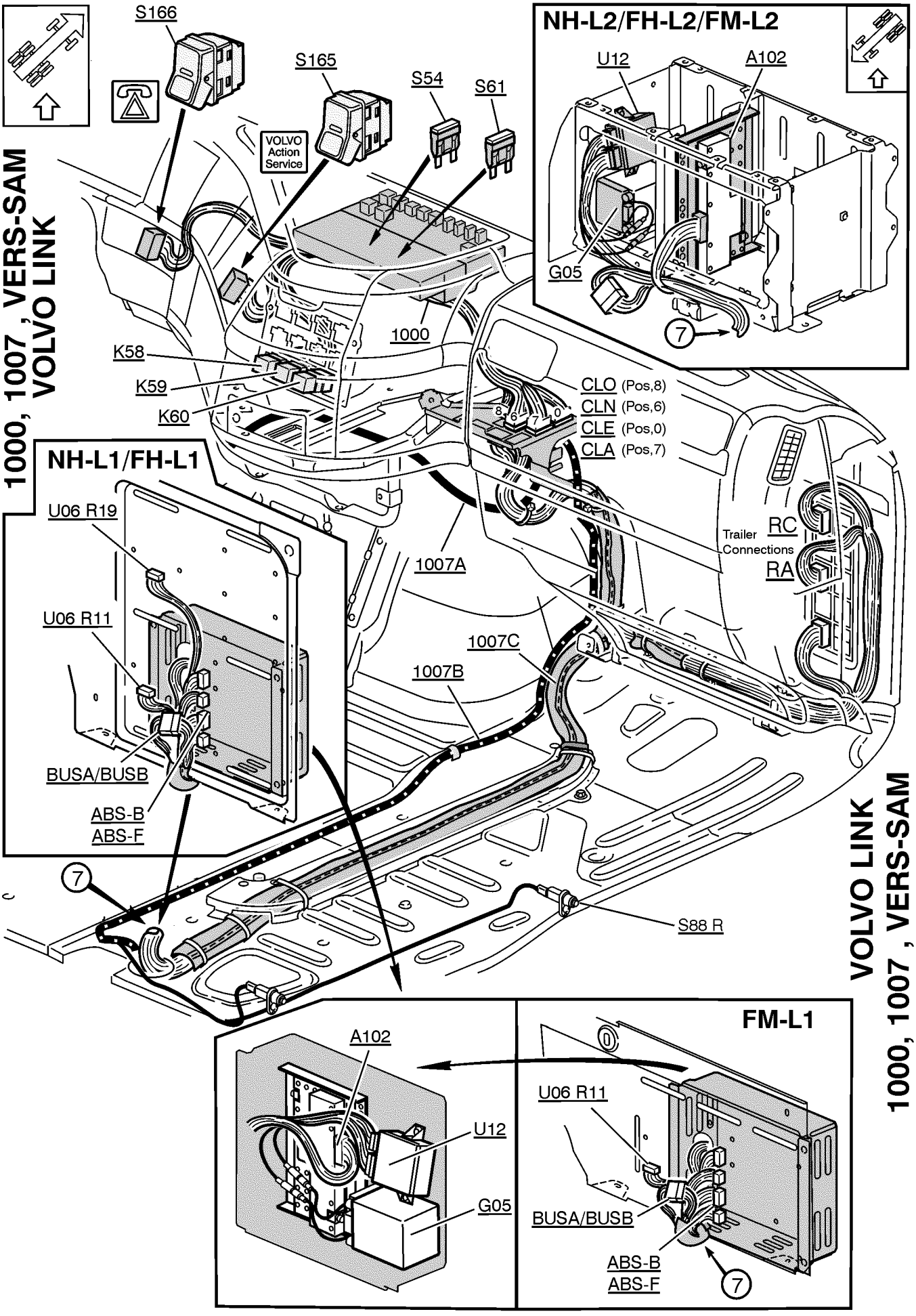

K1
K2
K5
K6
K7
K8
K9
K10
K11
K12
K3
K4
K13
XA
XB
XC
XD
XE
XF
XG XH
XJ
XK
XL
XM
XN
XP
XO
XR
XS XT
A17
VECU
PB
PC
PA
Blue
Green
Green
A36
BBM
Orange
Green
White
BBA
BBC
BBB
TMC A23
FMS A94
K35/
A24
K63
A
C
U
S
W
M
C
L
U
A31 A30 A11
PC2 LC2 LC1 PC1
A02L
LCM
A27
A01
V07
1000 RHD
1000 RHD
4
CC/CJ
A27
S48 C
S64
(S43)
S50
A02L
R04
E15
A29
A17 A36
K35
K63
A30
A31
A11
E20
X07
TPM,USWS
A30
5
Logger
Cummins
Engine
R11
B59
B59 ATC
E24
S27

T3018363

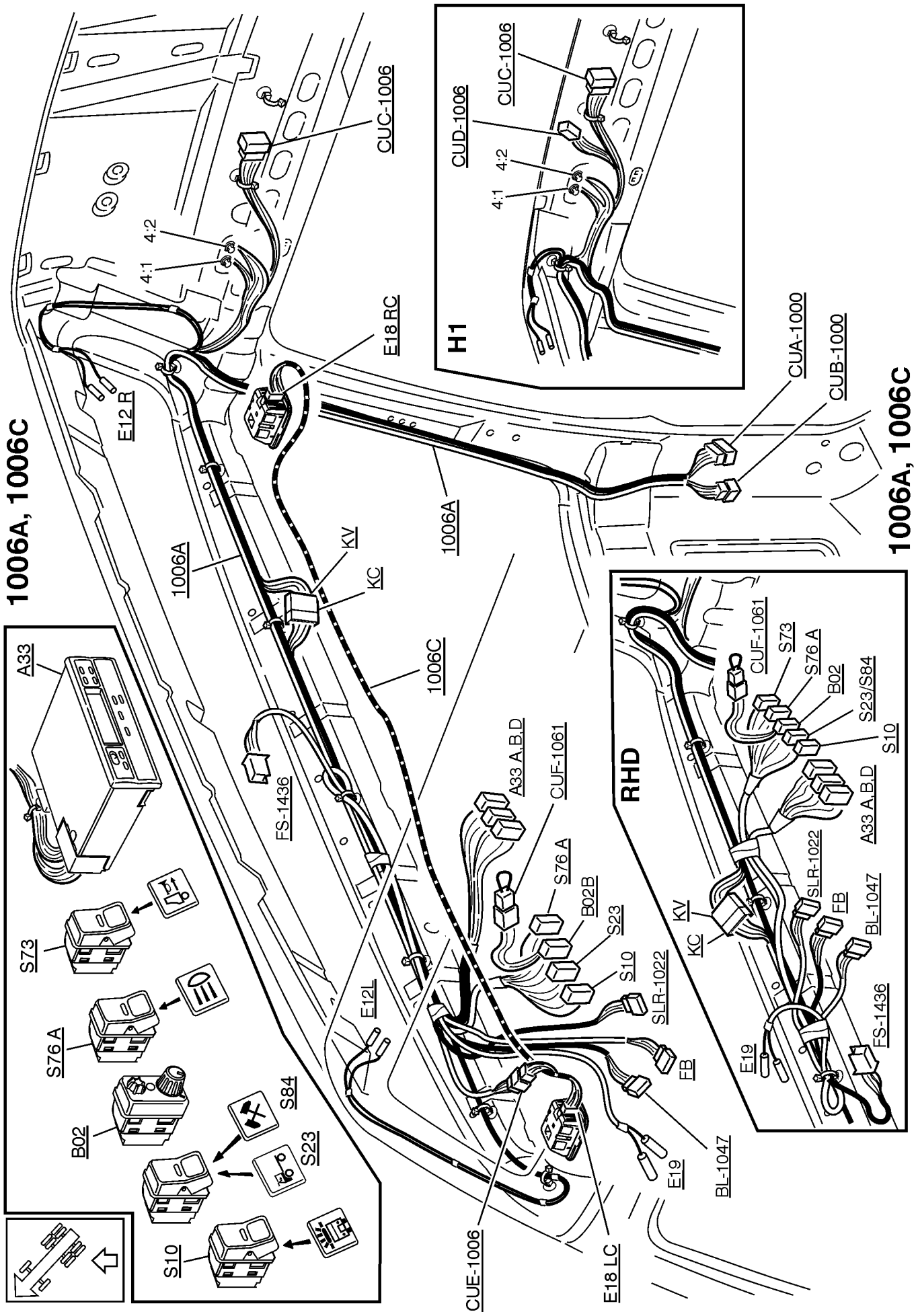

1000 LHD
1000 LHD
1A
2A
3A
4A
5A
RC
CB
SI
SP
ST
PH
RA
TB
BA
GT/
MB
AS
1B
2B
3B
4B
5B
B61 R
B60 RF
CUB
1006
CUA
1006
DPA
1083
TACHO in Dashboard
CUB/2
1006
TACH
1000
CUB
1006
A39
E32
37
YELLOW
MARKING
V08
REV.
A02 P
BB1-9
A02 X
E34
SLF-1022
B67
(Camera)
FA-9034
FE-1059
FE-1059/2
FE-1059/3
CLD
(PHONE)
CLH
(ECS)
CLB
(AGS)
CLM
(ACC)
CLO
(Volvo link)
CLG
(ABS/EBS)
CLI
(EBS/VESP)
CLN
(Volvo link)
CLF
CLC
(AIRheat)
CLA
(R-side)
CLE
(L-side)
K45
K61
K43
K42
K41
K40
K39
K38
K37
BB
AUXW6


1000 RHD
FE-1059/2
FE-1059
FE-1059/3
FE-1059/4
JPNmirror
FE-1059/5
R17
CLD (PHONE)
CLH (ECS)
CLB (AGS)
CLM (ACC)
CLG (ABS/ EBS)
CLI (EBS/ VESP)
CLF
CLC (AIRheat)
CLA (R-side)
CLE (L-side)
K45
K61
K43
K42
K41
K40
K39
K38
K37
A02 P
A02 X
FA-9034
BB AUXW6
X10
E34
B67 camera
REV
BB1-9
E32
A39
V01 E16
V01 A24 2
EMB-1430 JPNmirror
SLF-1022
YELLOW MARKING
B61 L
B60 LF
LI CB
MA
CA
SS
PL
TA
TM MC
PW
AWD EQ
TD
1A 2A 3A 4A 5A
1B 2B 3B 4B 5B
GPS Roof
A08
DP 1007
CUG 1006
DPA 1083
R21 (Only UTPM)

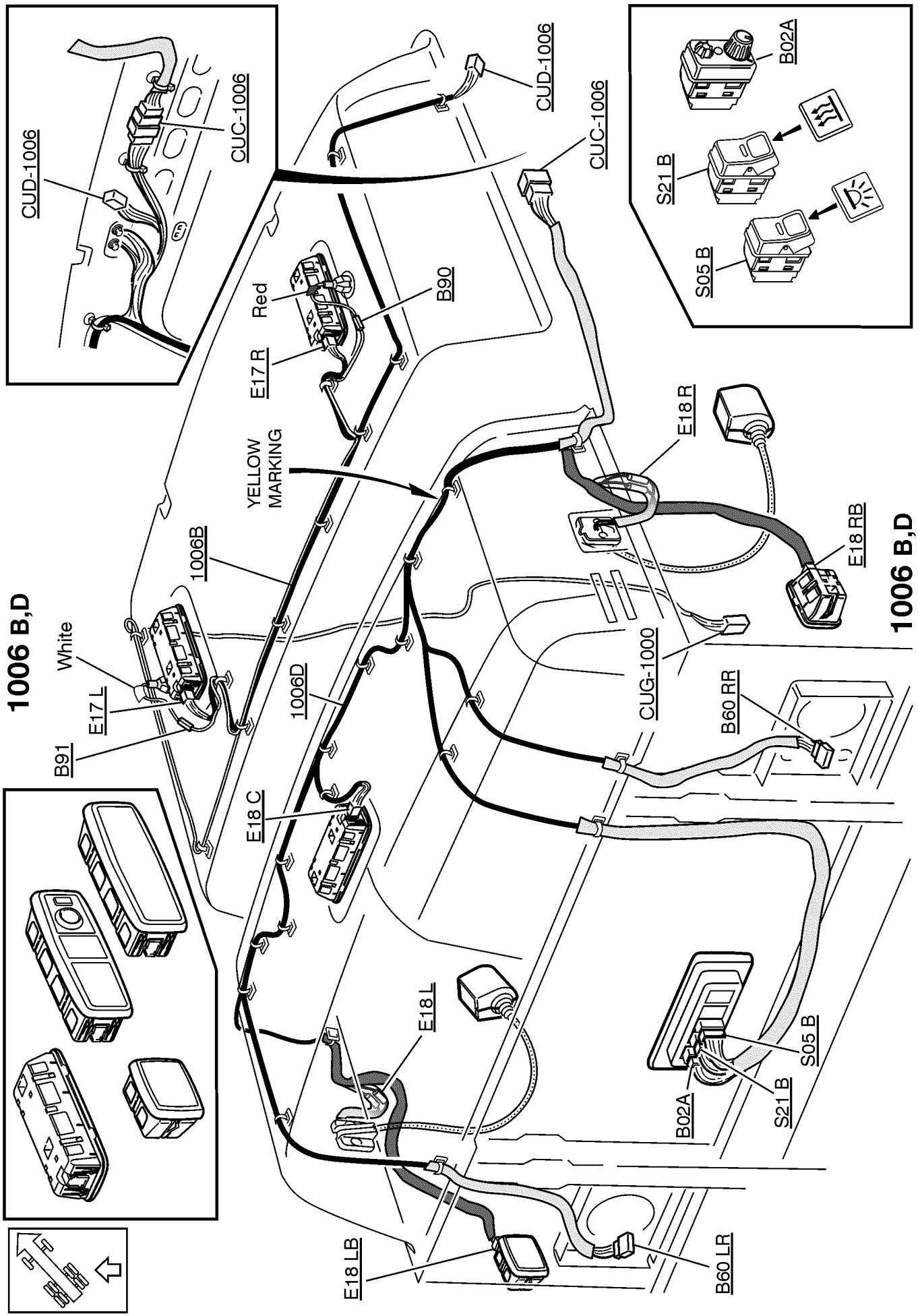
T3017717

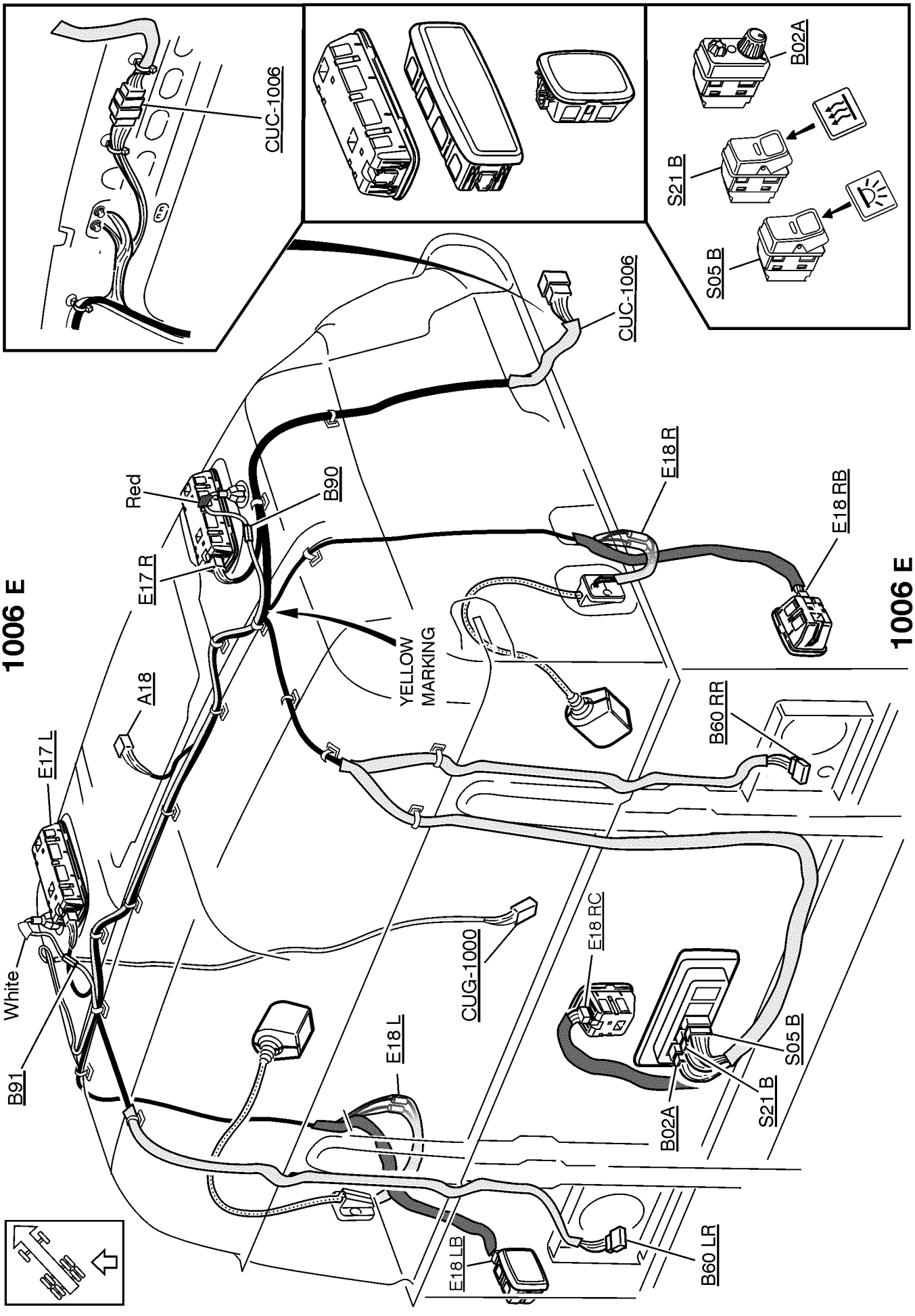

1000, 1007 , VERS-SAM
VOLVO LINK
S166
S165
S54
S61
VOLVO
Action
Service
NH-L2/FH-L2/FM-L2
U12
A102
G05
7
1000
K58
K59
K60
CLO (Pos,8)
CLN (Pos,6)
CLE (Pos,0)
CLA (Pos,7)
NH-L1/FH-L1
U06 R19
U06 R11
BUSA/BUSB
ABS-B
ABS-F
1007A
1007C
1007B
Trailer
Connections
RC
RA
S88 R
VOLVO LINK
1000, 1007 , VERS-SAM
FM-L1
A102
U12
G05
U06 R11
BUSA/BUSB
ABS-B
ABS-F

T3017718

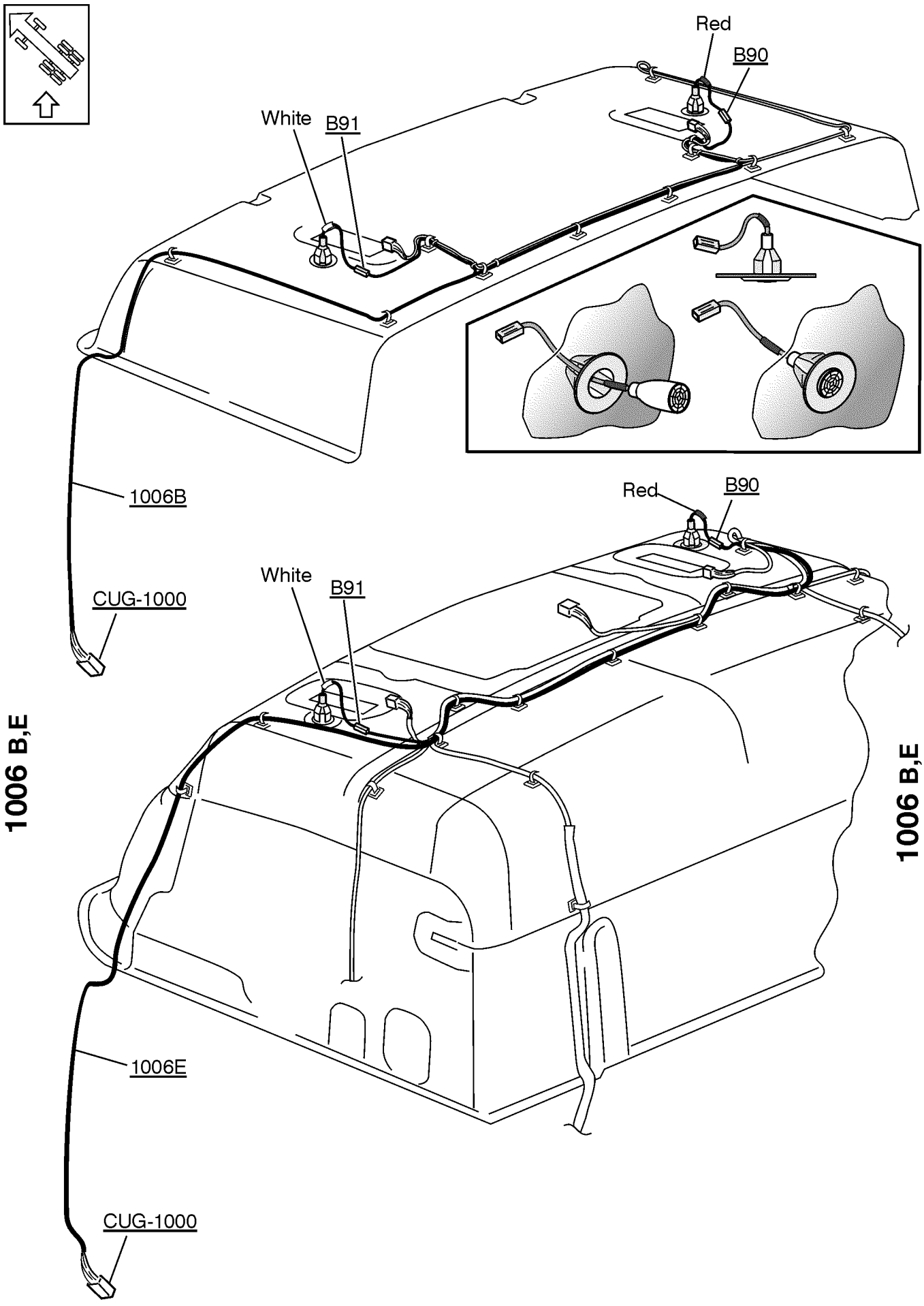

1006A, 1006C
1006A, 1006C
H1
RHD
CUC-1006
CUD-1006
4:1
4:2
E12 R
E18 RC
CUA-1000
CUB-1000
1006A
1006C
KV
KC
A33
S73
S76 A
B02
S84
S23
S10
FS-1436
A33 A,B,D
CUF-1061
B02B
SLR-1022
FB
E12L
E19
BL-1047
CUE-1006
E18 LC
S23/S84

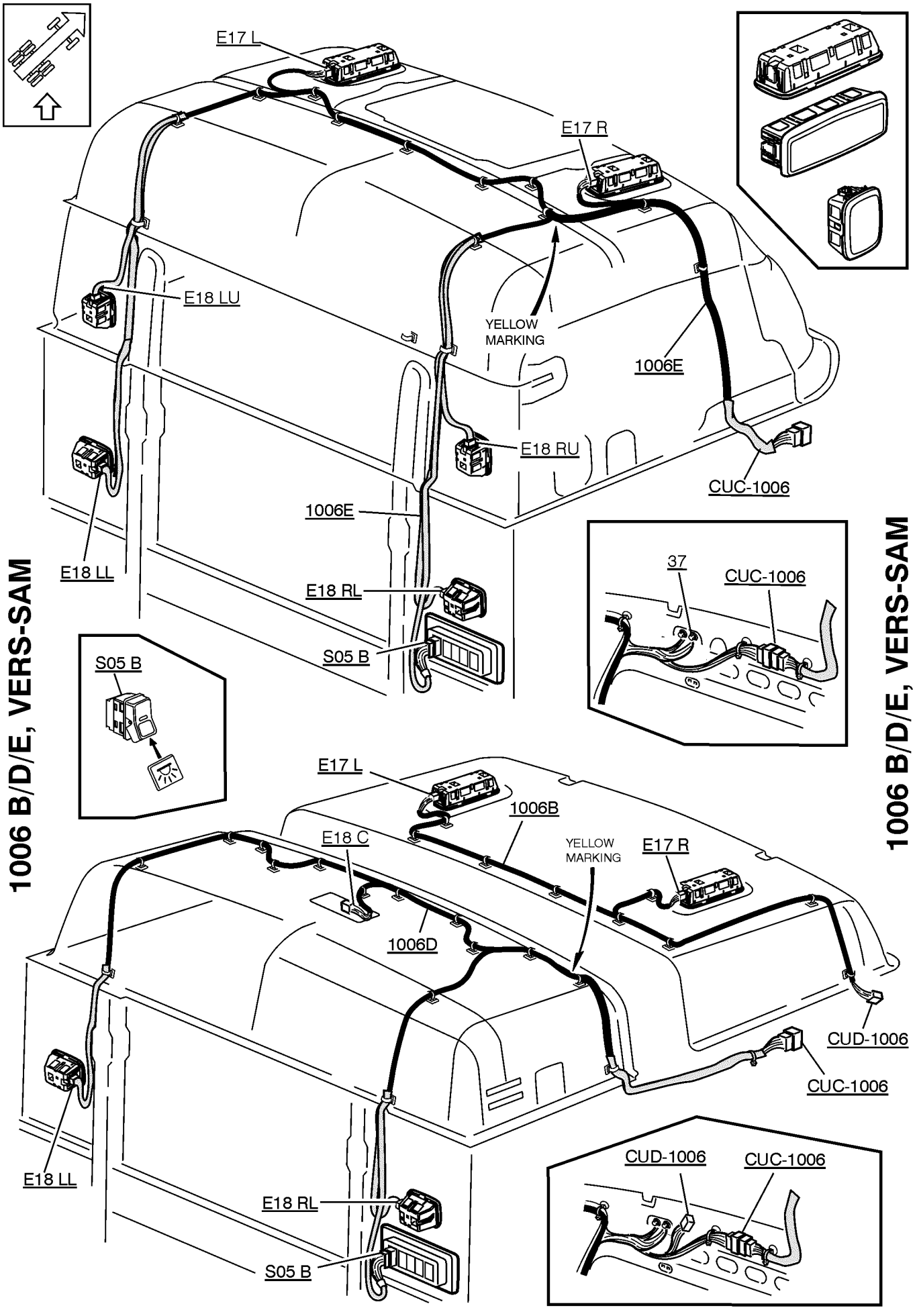
T3016391


CUD-1006
CUC-1006
CUD-1006
CUC-1006
B02A
S21 B
S05 B
Red
E17 R
B90
YELLOW MARKING
E18 R
E18 RB
1006 B,D
1006B
White
E17 L
B91
1006D
E18 C
CUG-1000
B60 RR
1006 B,D
E18 L
B02A
S21 B
S05 B
E18 LB
B60 LR

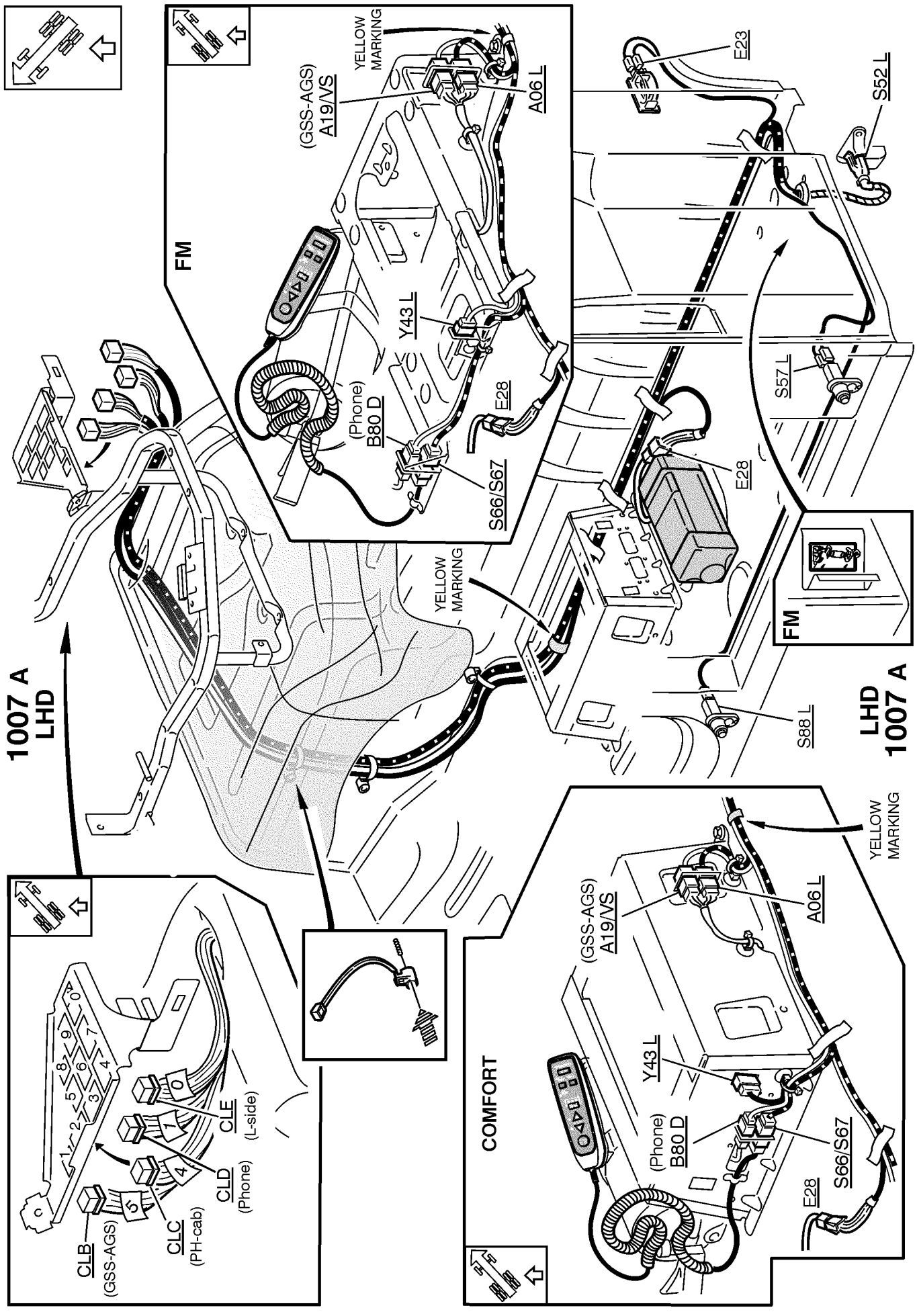

CUC-1006
B02A
S21 B
S05 B
CUC-1006
1006 E
Red
B90
E17 R
E18 R
E18 RB
A18
YELLOW MARKING
E17 L
B60 RR
1006 E
White
B91
CUG-1000
E18 RC
E18 L
S05 B
S21 B
B02A
E18 LB
B60 LR

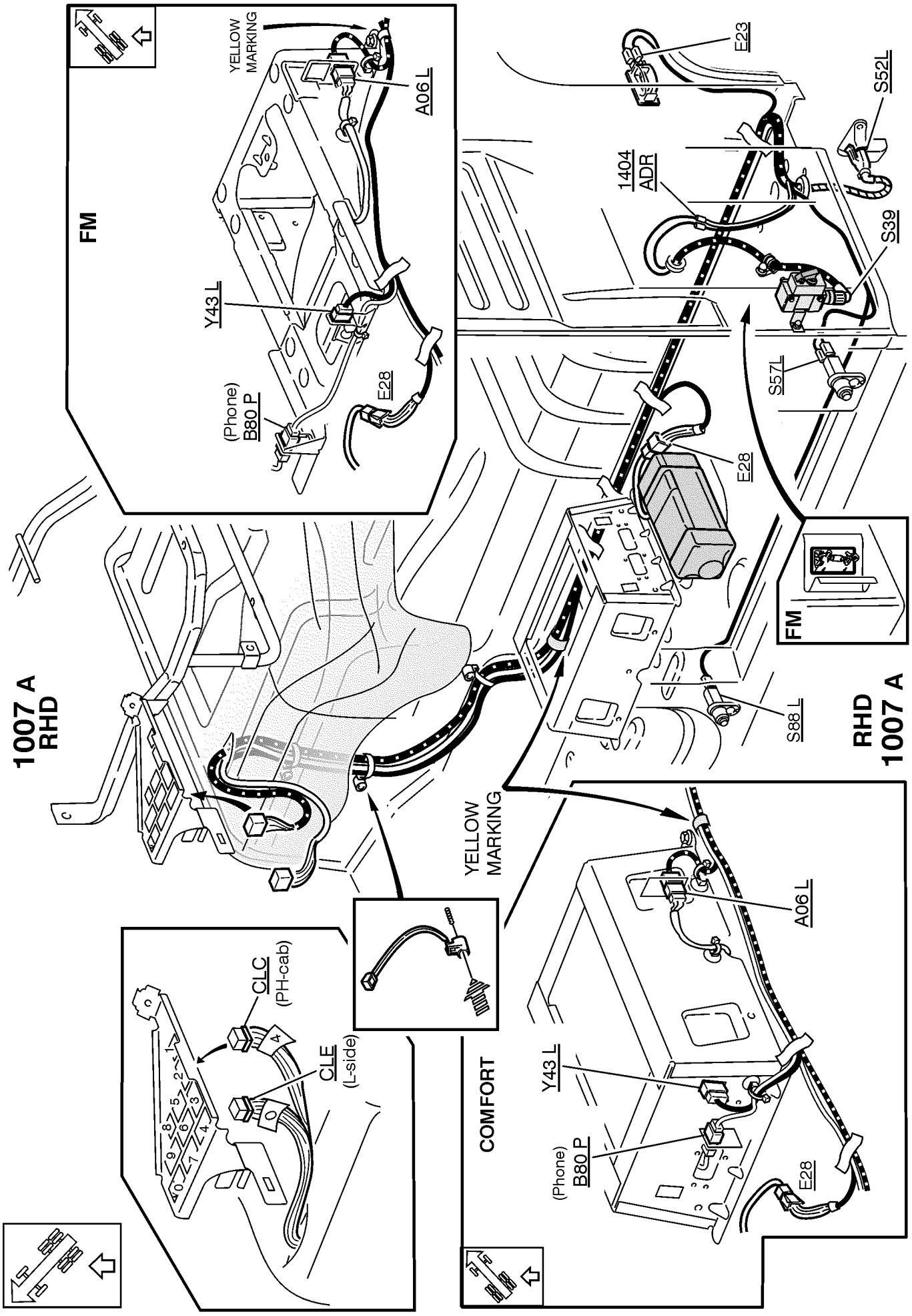
T3016393


Red
B90
White
B91
1006B
CUG-1000
Red
B90
White
B91
1006 B,E
1006 B,E
1006E
CUG-1000

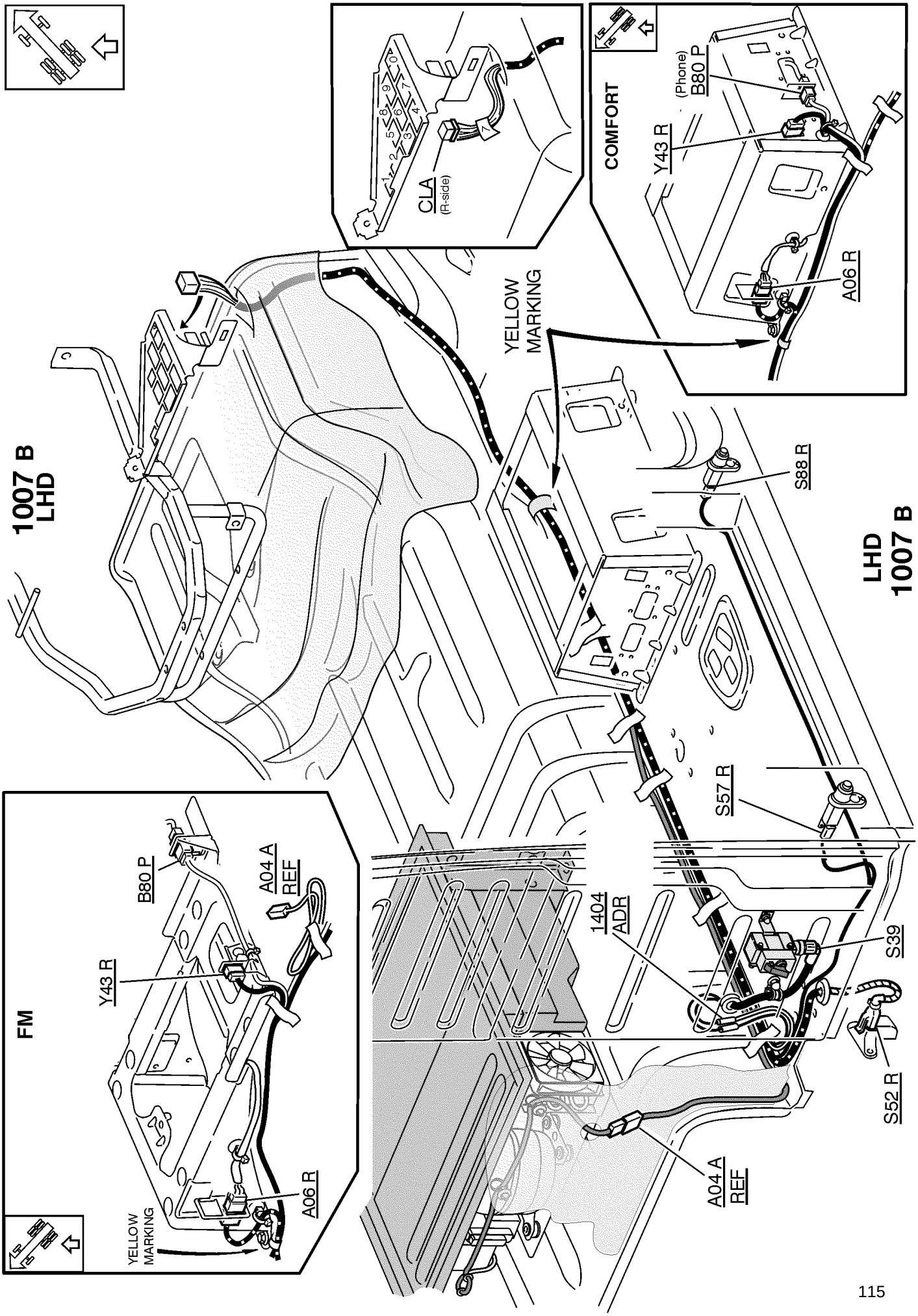

1006 B/D/E, VERS-SAM
E17 L
E17 R
E18 LU
YELLOW MARKING
1006E
E18 RU
CUC-1006
E18 LL
1006E
E18 RL
S05 B
37
CUC-1006
S05 B
1006 B/D/E, VERS-SAM
E17 L
1006B
E18 C
YELLOW MARKING
E17 R
1006D
CUD-1006
CUC-1006
E18 LL
E18 RL
S05 B
CUD-1006
CUC-1006

T3016950

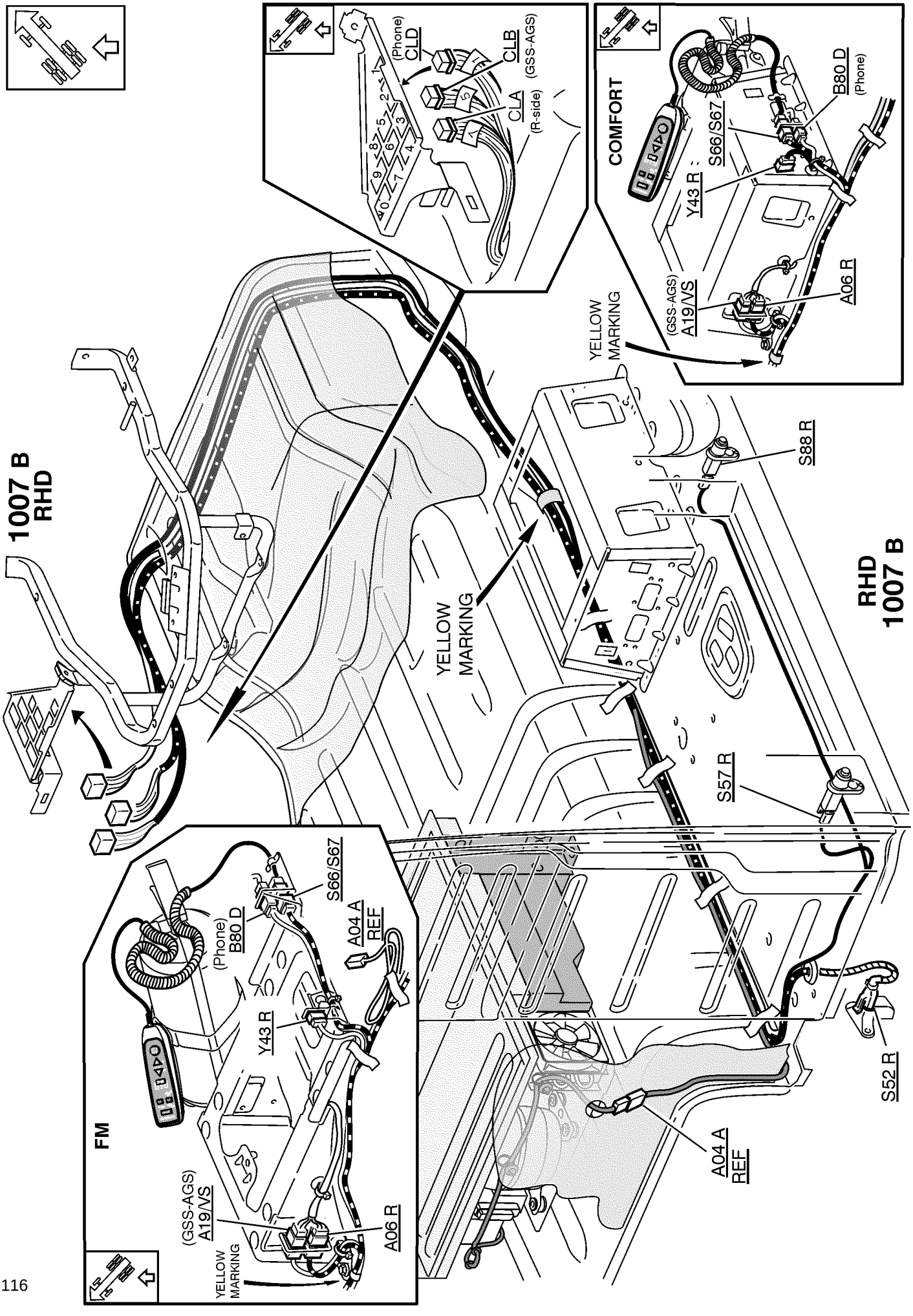

1007 A
LHD
FM
(GSS-AGS)
A19/VS
YELLOW
MARKING
A06 L
Y43 L
(Phone)
B80 D
E28
S66/S67
E23
S52 L
S57 L
S88 L
YELLOW
MARKING
LHD
1007 A
FM
COMFORT
(GSS-AGS)
A19/VS
A06 L
YELLOW
MARKING
Y43 L
(Phone)
B80 D
E28
S66/S67
CLB
(GSS-AGS)
CLC
(PH-cab)
CLD
(Phone)
CLE
(L-side)


1007 A
RHD
FM
YELLOW
MARKING
A06 L
Y43 L
(Phone)
B80 P
E28
E23
S52L
1404
ADR
S39
S57L
S88 L
FM
RHD
1007 A
YELLOW
MARKING
CLC
(PH-cab)
CLE
(L-side)
COMFORT
A06 L
Y43 L
(Phone)
B80 P
E28

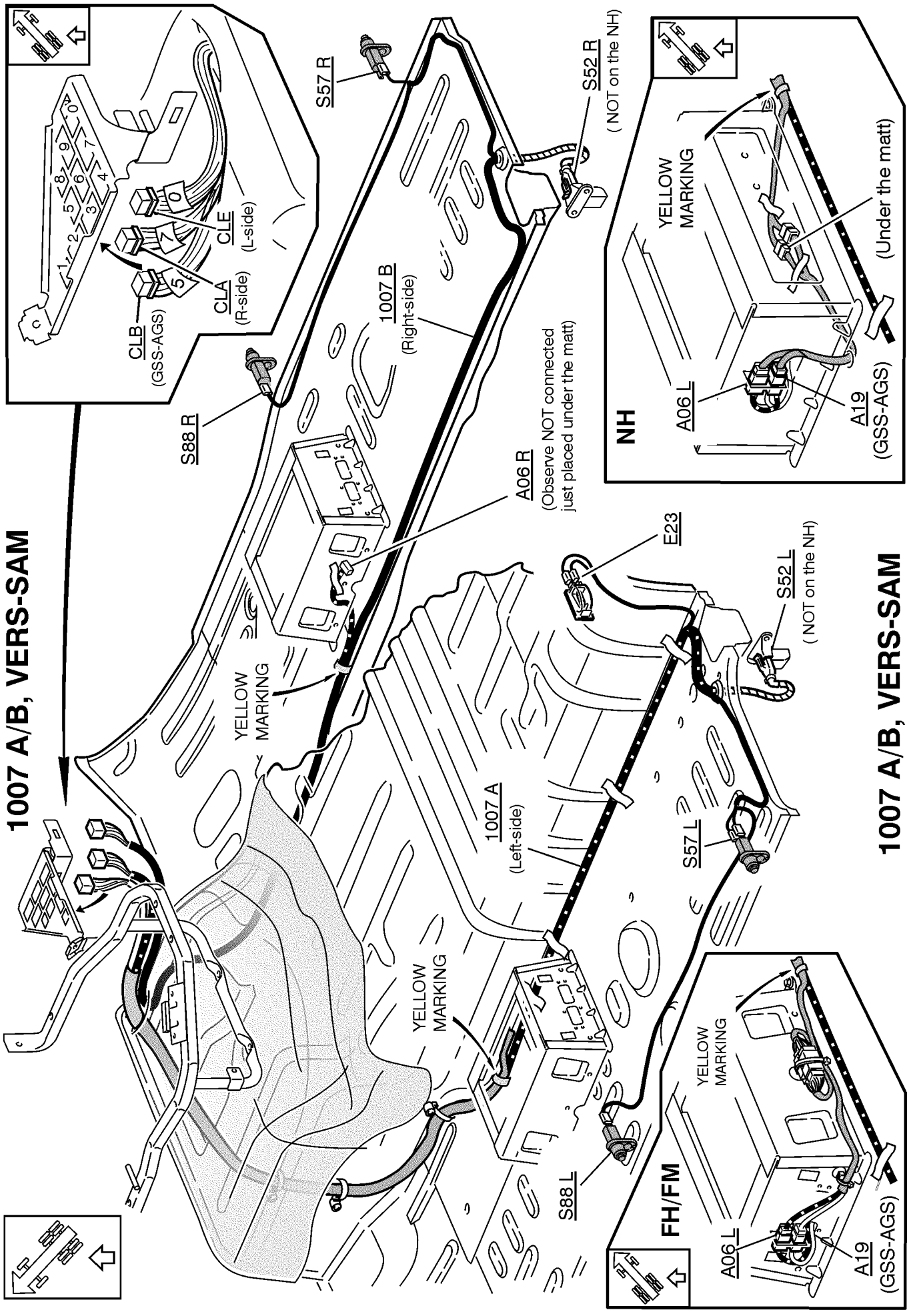
T3016396

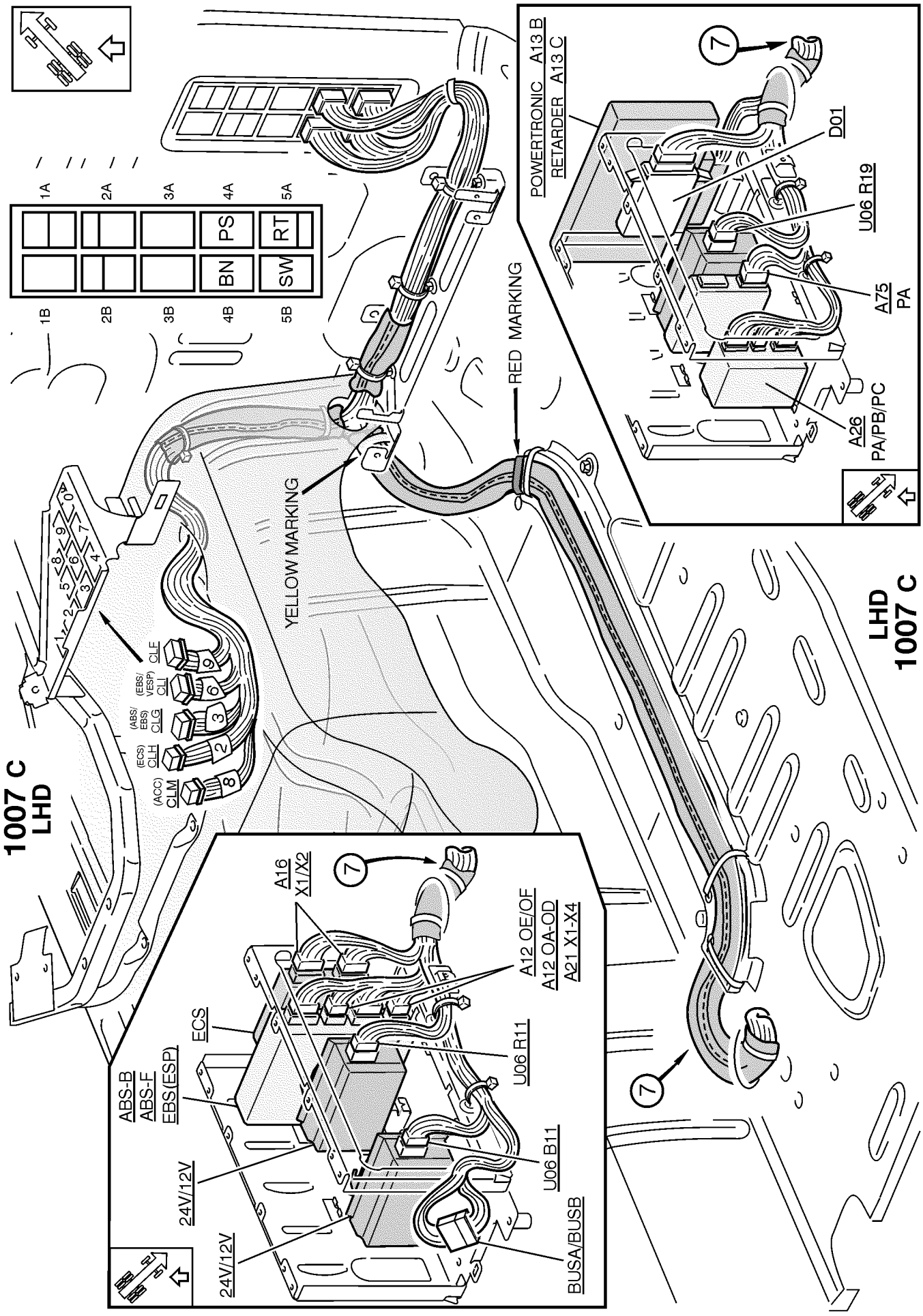

1007 B
LHD
FM
B80 P
A04 A
REF
Y43 R
A06 R
YELLOW
MARKING
CLA
(R-side)
COMFORT
(Phone)
B80 P
Y43 R
A06 R
YELLOW
MARKING
S88 R
S57 R
1404
ADR
S39
S52 R
A04 A
REF
LHD
1007 B

T3016397

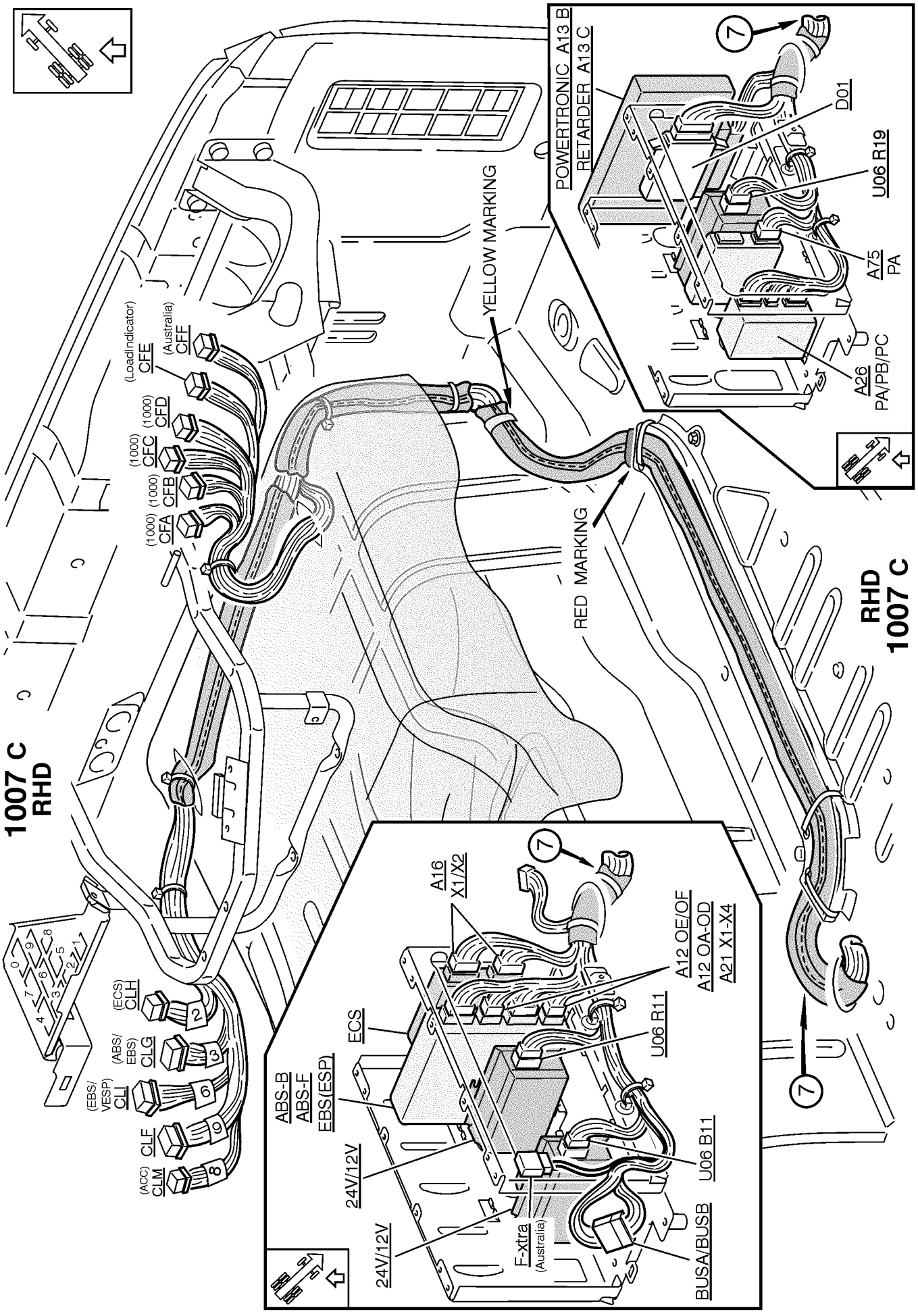

1007 B
RHD
FM
(Phone)
B80 D
S66/S67
A04 A
REF
Y43 R
(GSS-AGS)
A19/VS
A06 R
YELLOW
MARKING
(Phone)
CLD
CLB
(GSS-AGS)
CLA
(R-side)
COMFORT
B80 D
(Phone)
S66/S67
Y43 R
(GSS-AGS)
A19/VS
A06 R
YELLOW
MARKING
S88 R
YELLOW
MARKING
S57 R
S52 R
A04 A
REF
RHD
1007 B

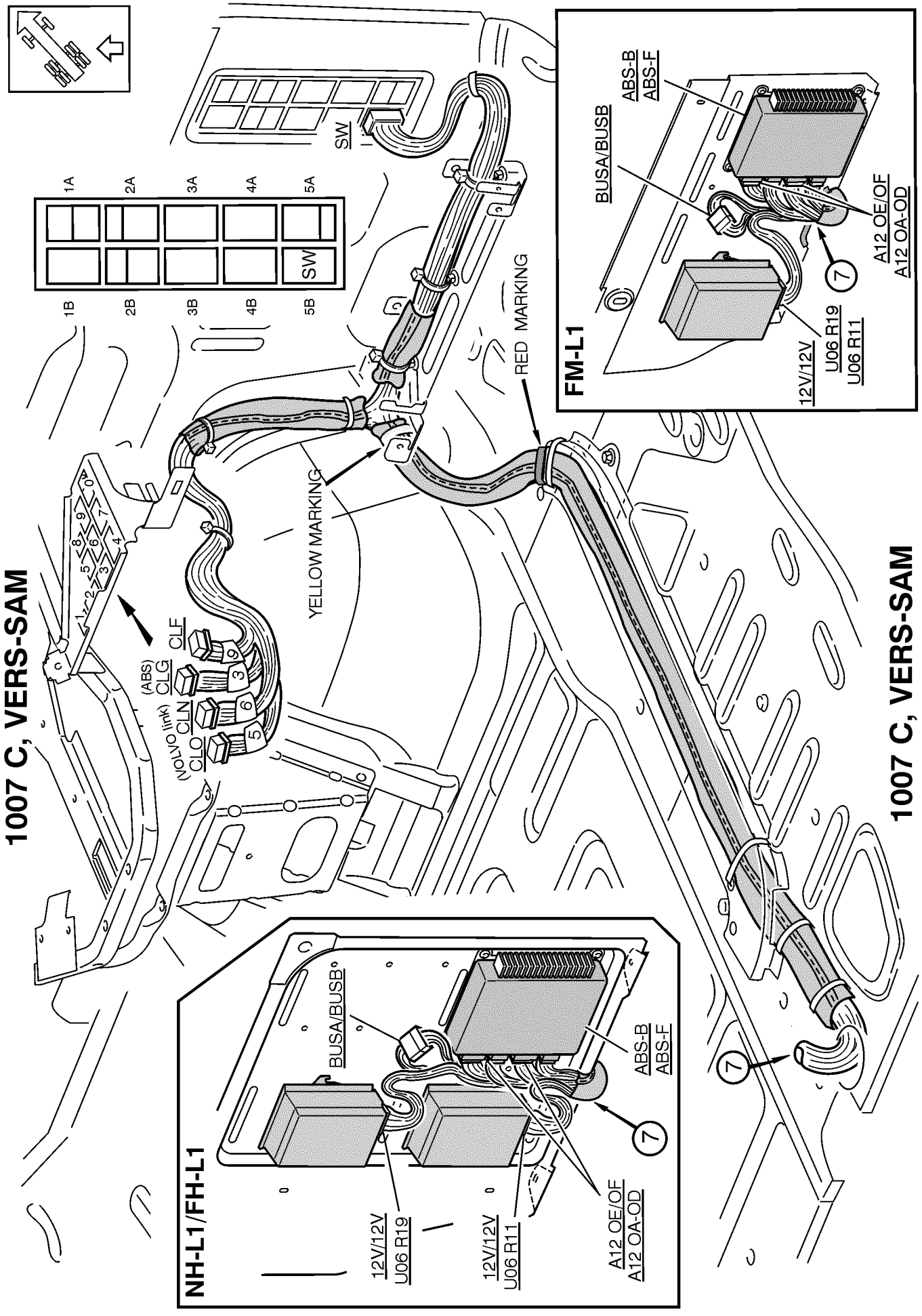
T3018305

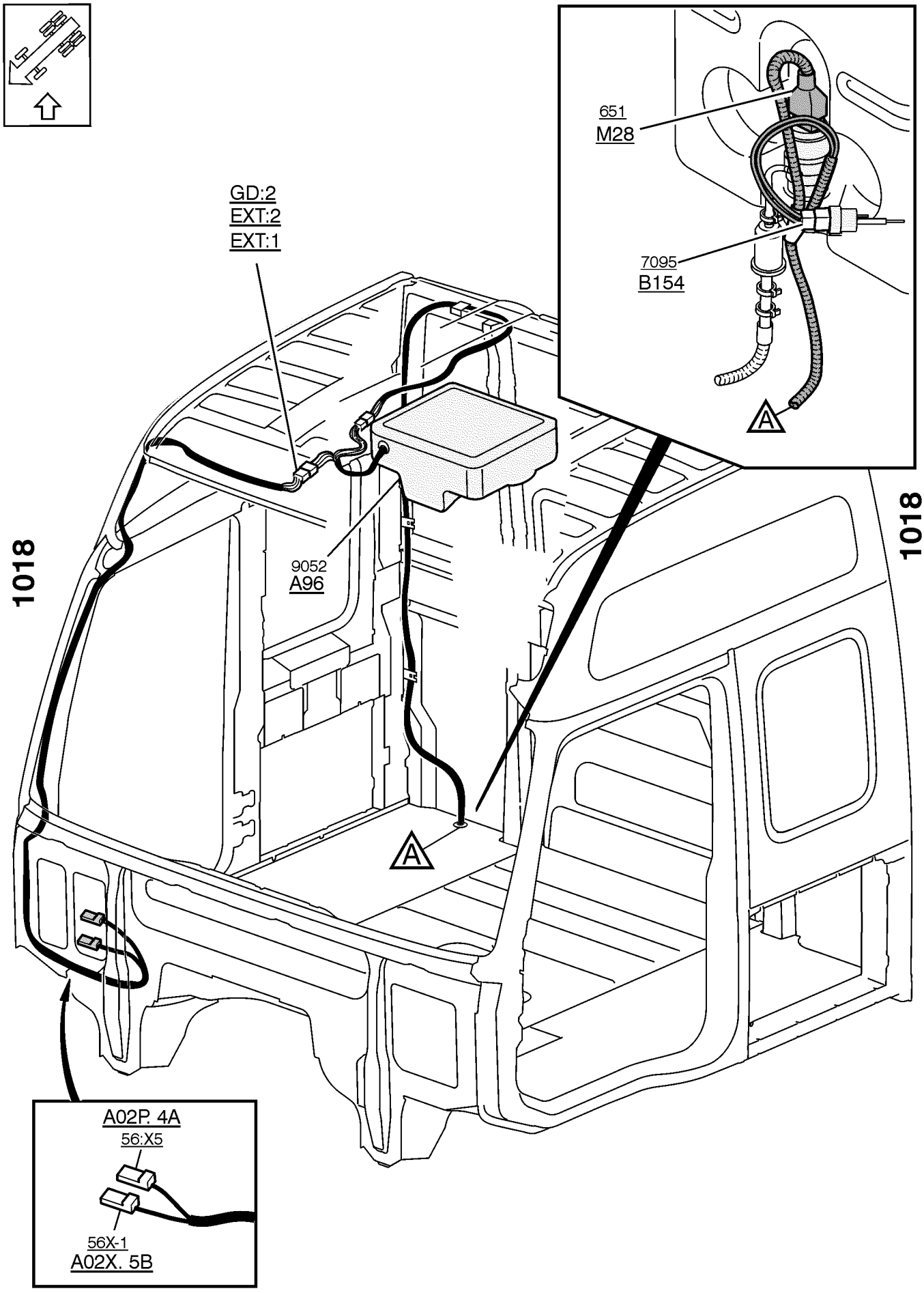

1007 A/B, VERS-SAM
CLB (GSS-AGS)
CLA (R-side)
CLE (L-side)
S57 R
S52 R (NOT on the NH)
S88 R
1007 B (Right-side)
A06 R (Observe NOT connected just placed under the matt)
YELLOW MARKING
E23
S52 L (NOT on the NH)
1007 A (Left-side)
S57 L
S88 L
NH
A06 L
A19 (GSS-AGS)
(Under the matt)
FH/FM
1007 A/B, VERS-SAM

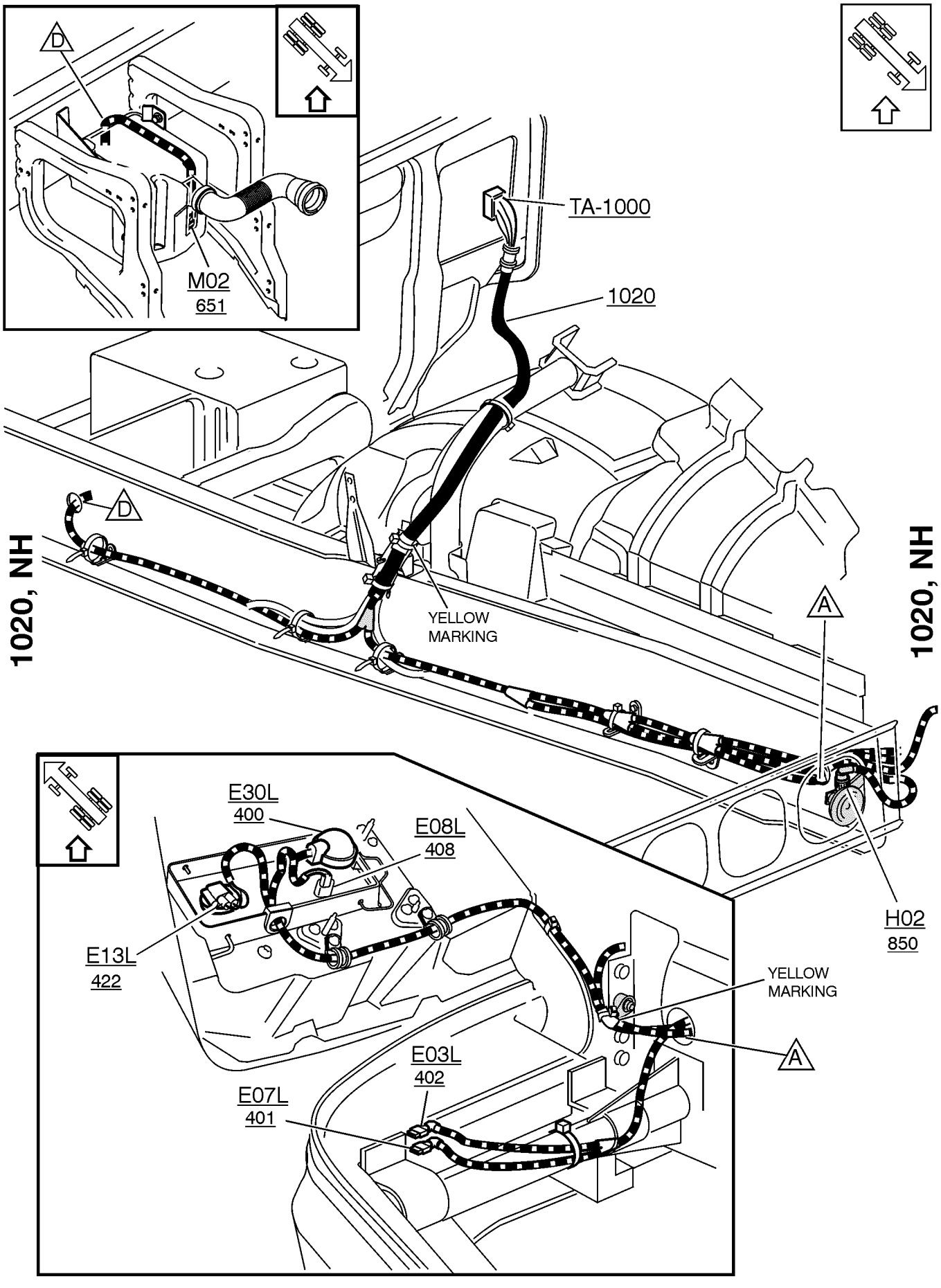

1007 C
LHD
LHD
1007 C
YELLOW MARKING
RED MARKING
1A
2A
3A
4A
5A
1B
2B
3B
4B
5B
PS
RT
BN
SW
POWERTRONIC A13 B
RETARDER A13 C
D01
U06 R19
A75
PA
A26
PA/PB/PC
(ACC) CLM
(ECS) CLH
(ABS/ EBS) CLG
(EBS/ VESP) CLI
CLE
A16
X1/X2
A12 OE/OF
A12 OA-OD
A21 X1-X4
ECS
ABS-B
ABS-F
EBS(ESP)
U06 R11
U06 B11
24V/12V
24V/12V
BUSA/BUSB

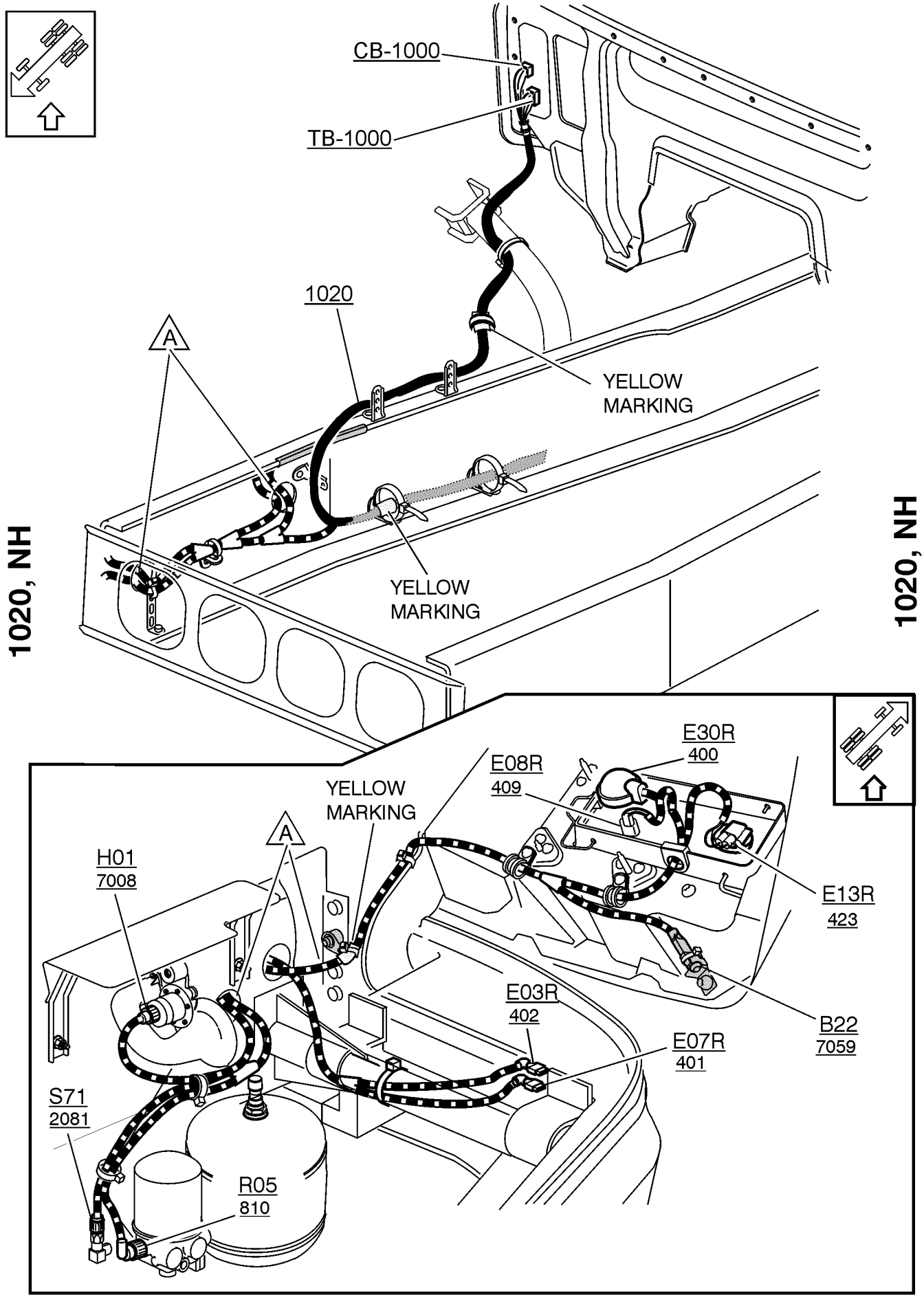
T3017719


1007 C
RHD
RHD
1007 C
YELLOW MARKING
RED MARKING
POWERTRONIC A13 B
RETARDER A13 C
D01
U06 R19
A75
PA
A26
PA/PB/PC
(LoadIndicator)
CFE
(Australia)
CFF
(1000)
CFC
(1000)
CFD
(1000)
CFB
(1000)
CFA
(ECS)
CLH
(ABS/
EBS)
CLG
(EBS/
VESP)
CLI
CLF
(ACC)
CLM
A16
X1/X2
A12 OE/OF
A12 OA-OD
A21 X1-X4
U06 R11
ECS
ABS-B
ABS-F
EBS(ESP)
24V/12V
24V/12V
F-xtra
(Australia)
U06 B11
BUSA/BUSB

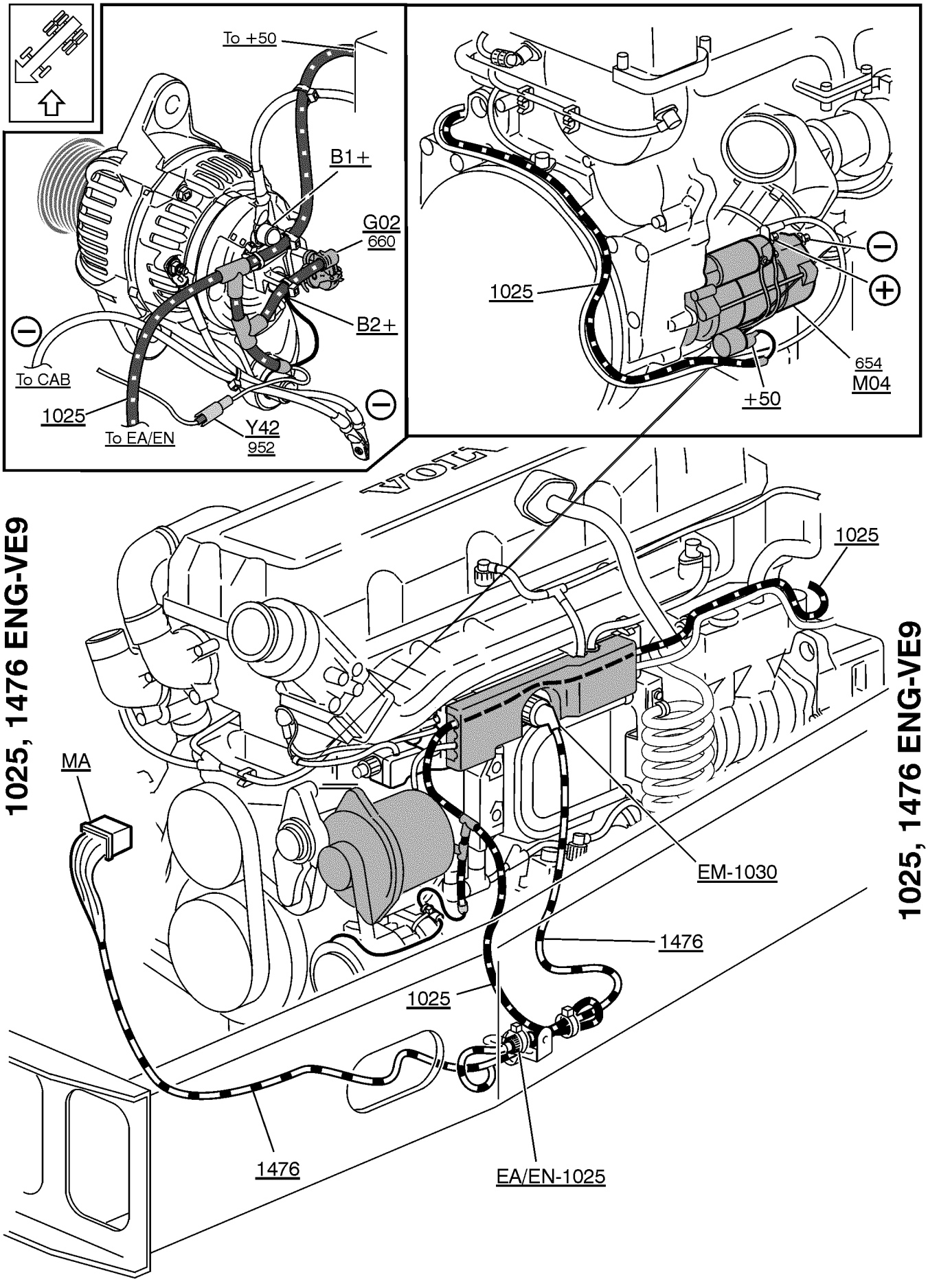

1007 C, VERS-SAM
1007 C, VERS-SAM
1A
2A
3A
4A
5A
SW
1B
2B
3B
4B
5B
SW
RED MARKING
YELLOW MARKING
(ABS) CLG
CLF
(VOLVO link) CLN
CLO
FM-L1
BUSA/BUSB
ABS-B
ABS-F
12V/12V
U06 R19
U06 R11
A12 OE/OF
A12 OA-OD
NH-L1/FH-L1
BUSA/BUSB
ABS-B
ABS-F
12V/12V
U06 R19
12V/12V
U06 R11
A12 OE/OF
A12 OA-OD
T3017721


651
M28
7095
B154
A
GD:2
EXT:2
EXT:1
9052
A96
1018
1018
A
A02P. 4A
56:X5
56X-1
A02X. 5B

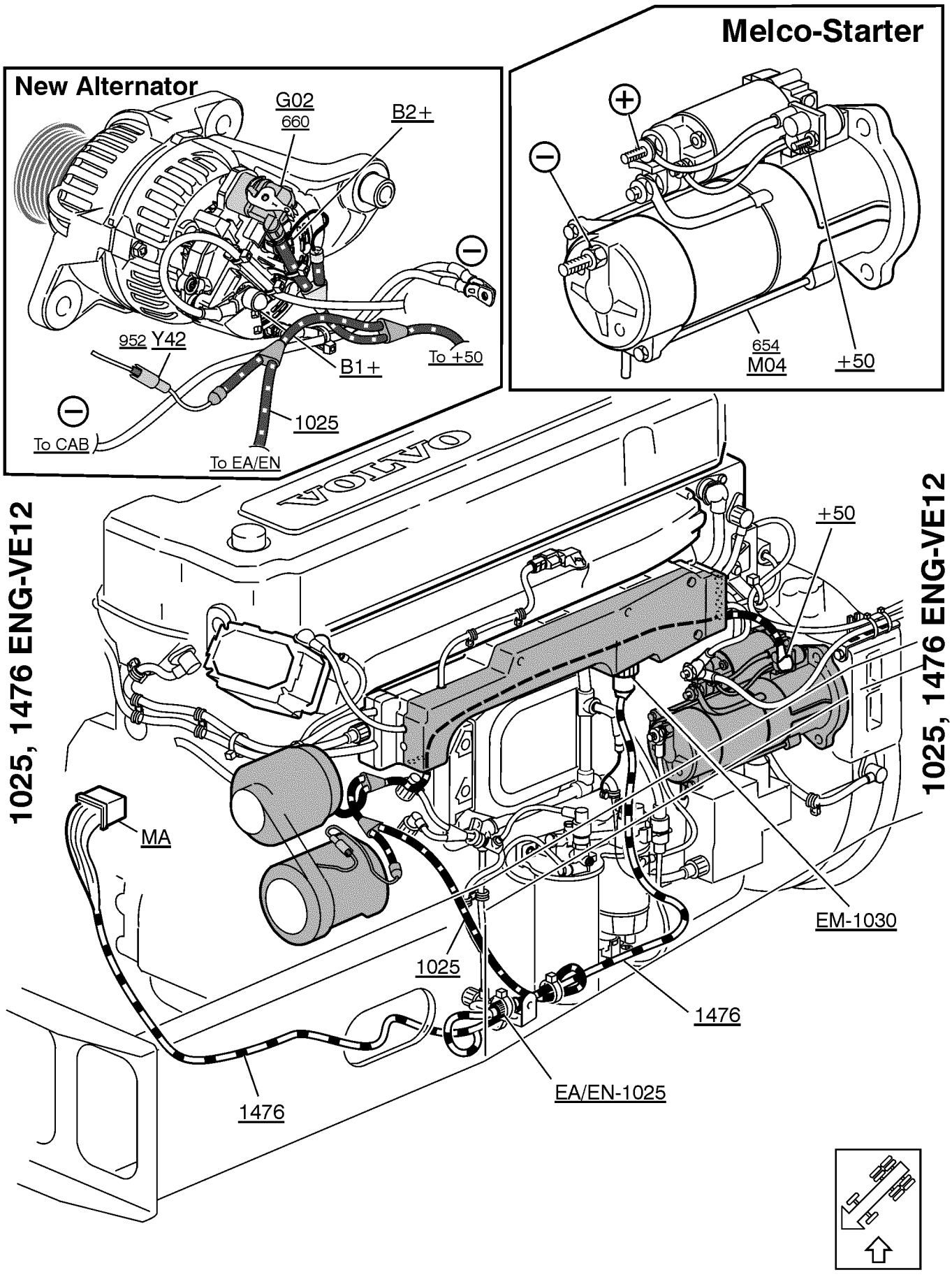

D
M02
651
TA-1000
1020
1020, NH
D
YELLOW
MARKING
A
1020, NH
H02
850
E30L
400
E08L
408
E13L
422
YELLOW
MARKING
A
E03L
402
E07L
401
T3016978

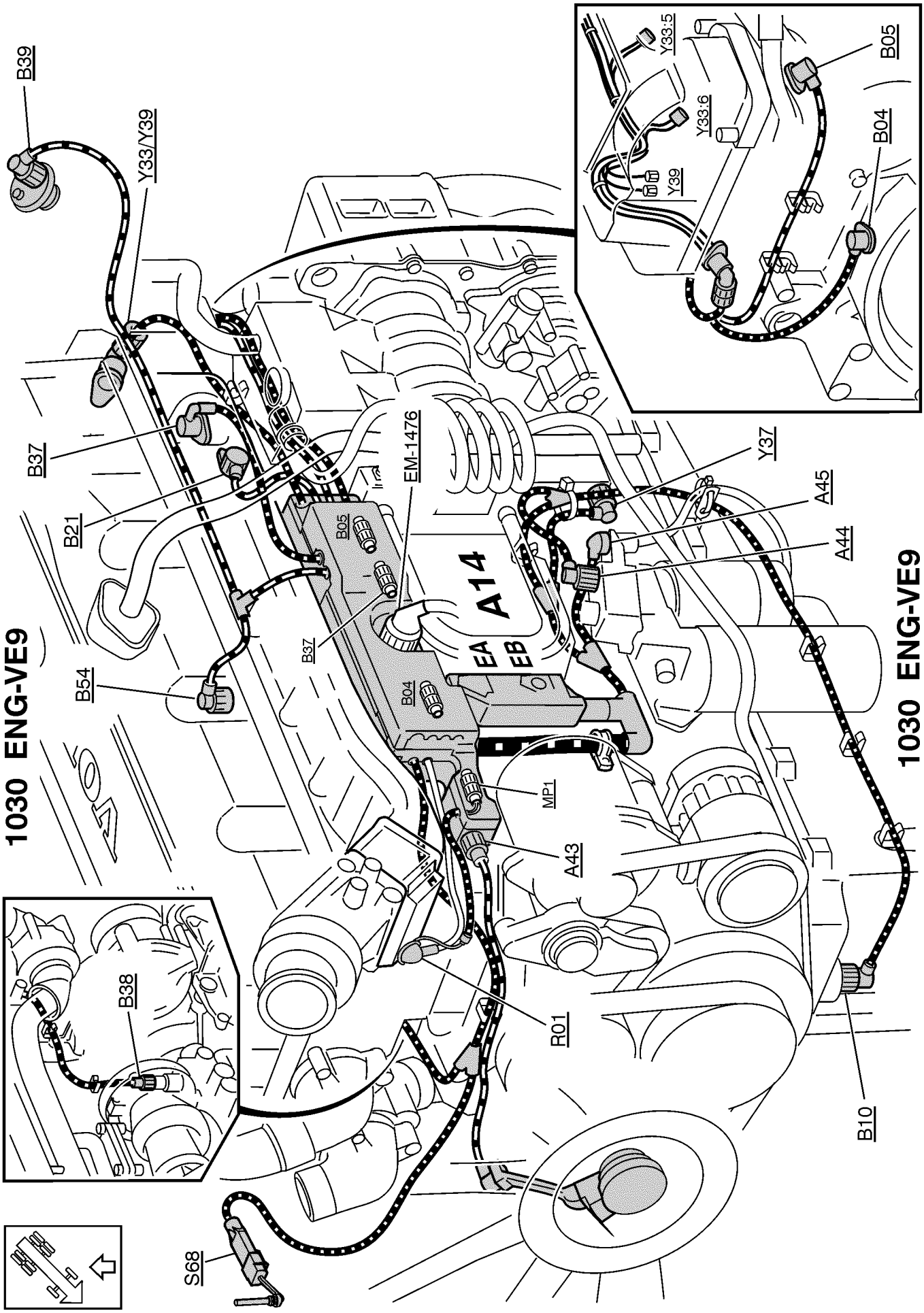

CB-1000
TB-1000
1020
A
YELLOW
MARKING
YELLOW
MARKING
1020, NH
1020, NH
E30R
400
E08R
409
YELLOW
MARKING
A
H01
7008
E13R
423
E03R
402
B22
7059
E07R
401
S71
2081
R05
810

T3016979

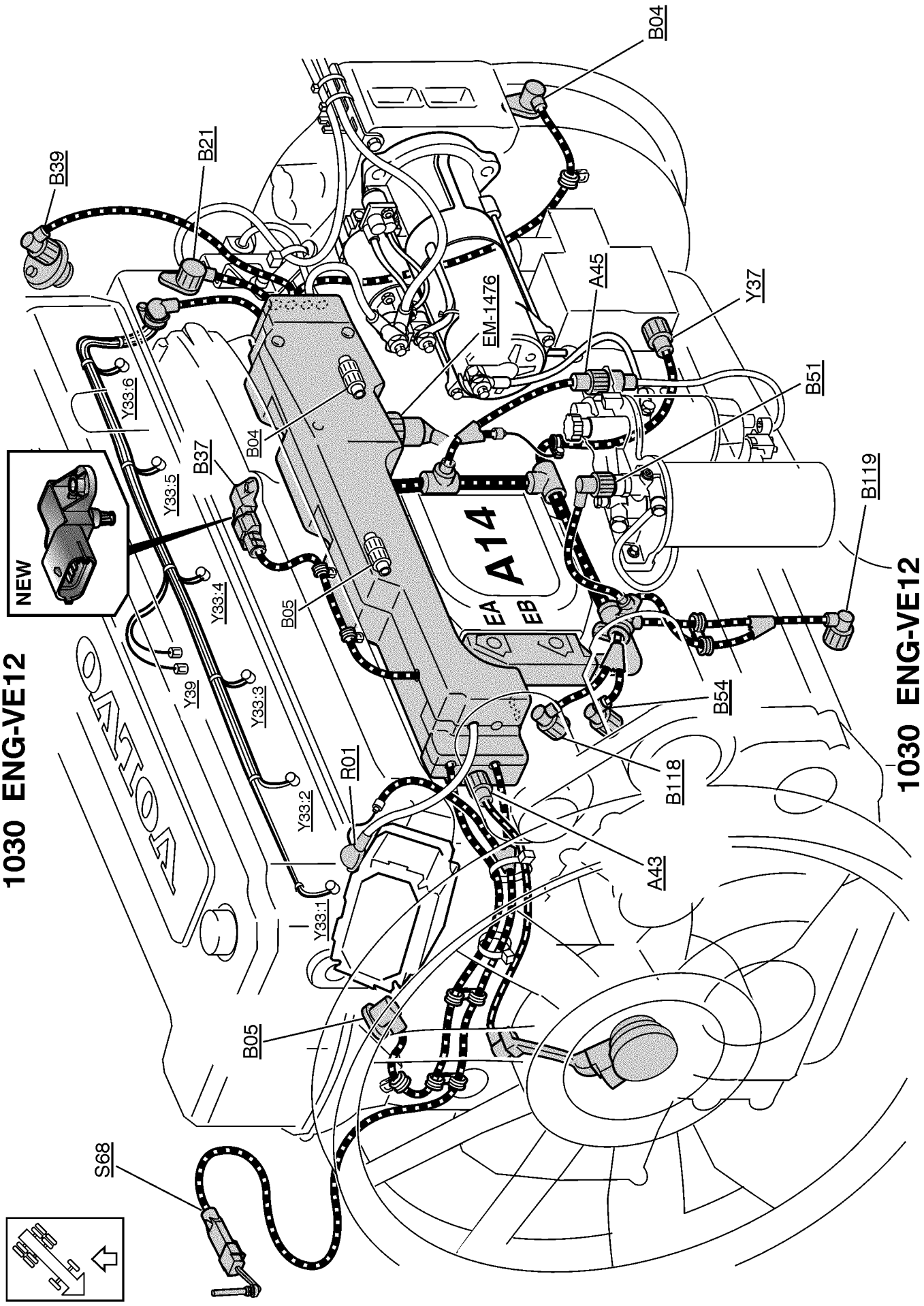

To +50
B1+
G02
660
B2+
To CAB
1025
To EA/EN
Y42
952
1025
654
M04
+50
1025, 1476 ENG-VE9
1025
MA
EM-1030
1476
1025
1476
EA/EN-1025
1025, 1476 ENG-VE9

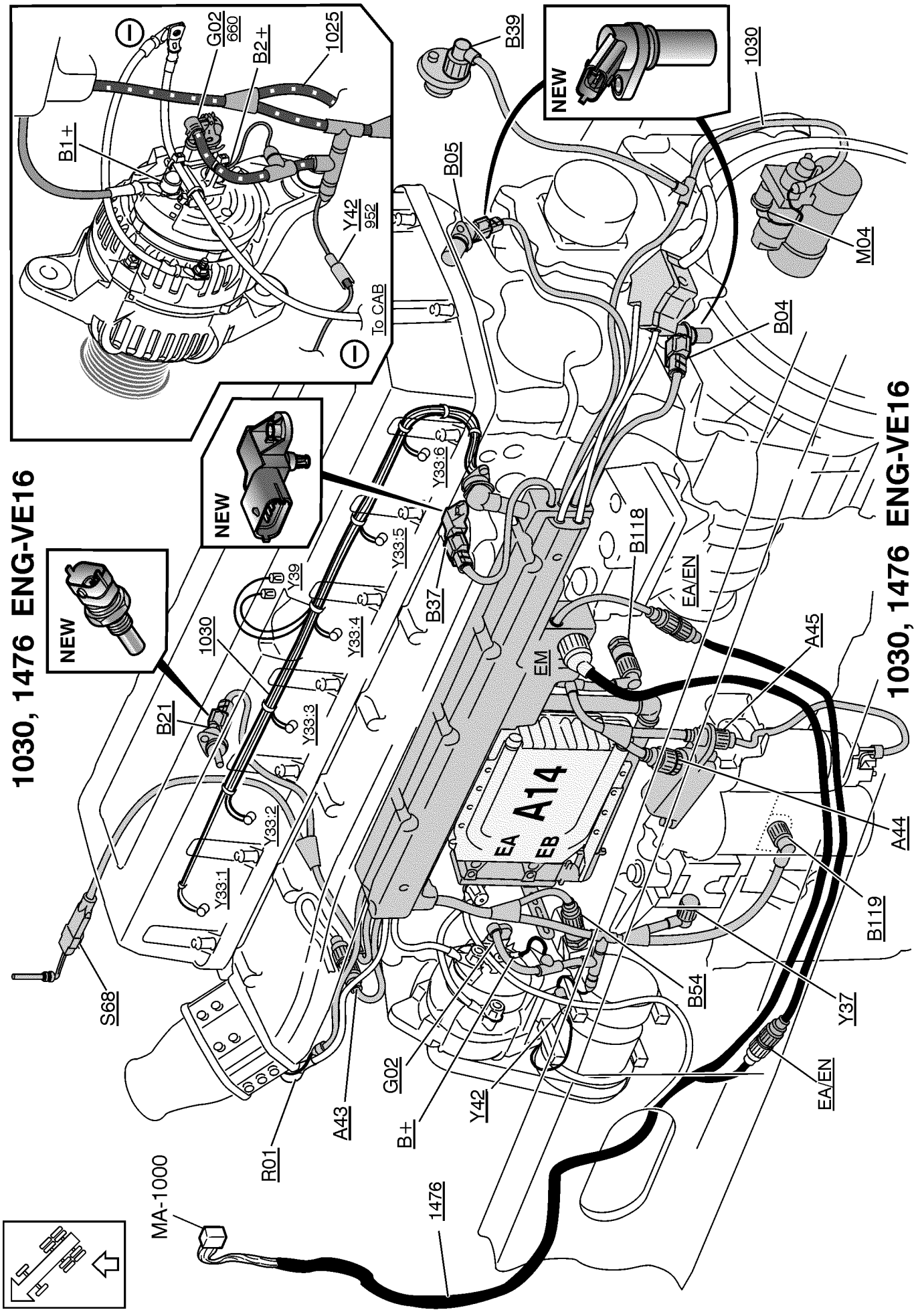
T3016956

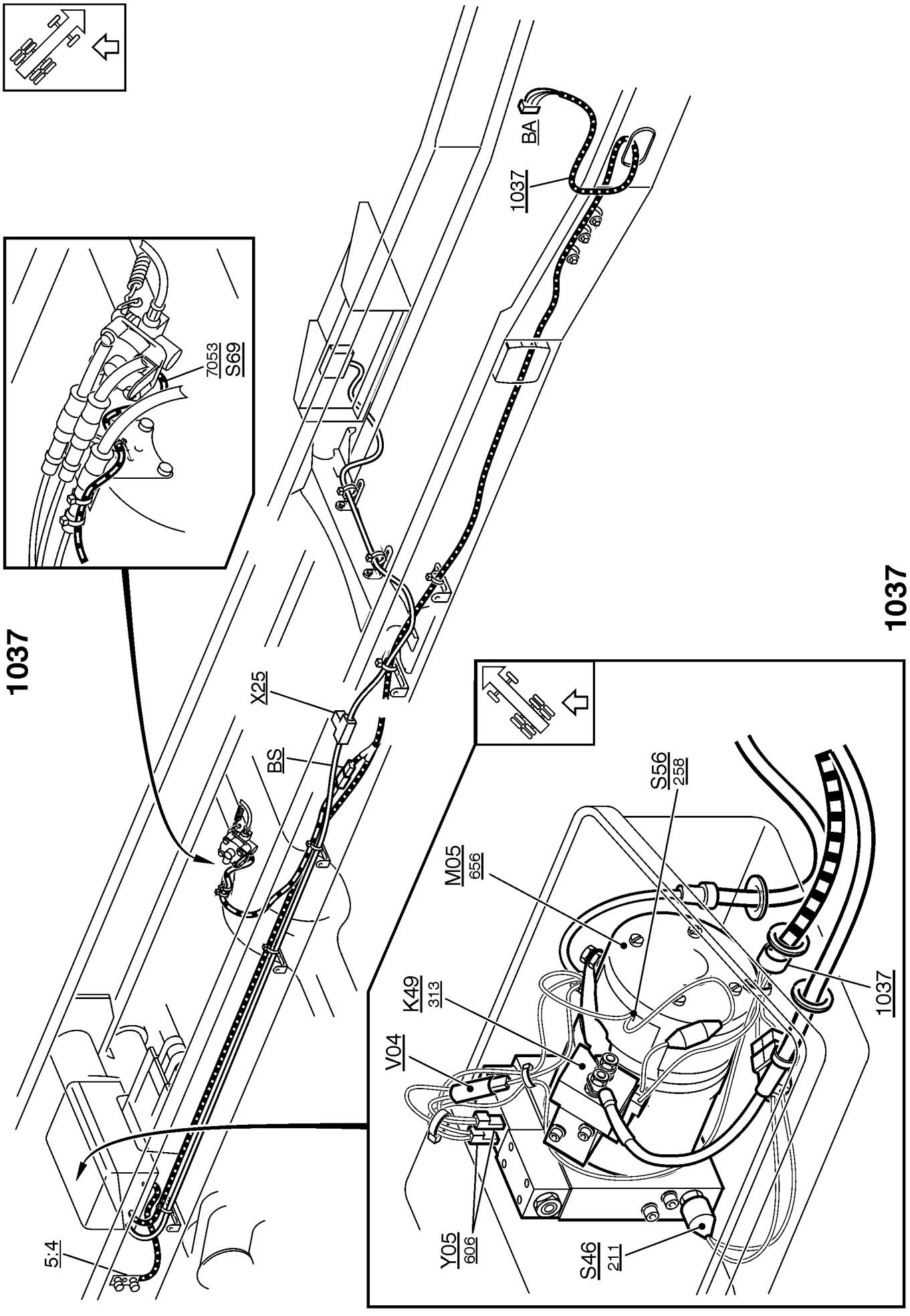

Melco-Starter
New Alternator
G02
660
B2+
952 Y42
B1+
To +50
1025
To CAB
To EA/EN
654
M04
+50
1025, 1476 ENG-VE12
1025, 1476 ENG-VE12
+50
MA
EM-1030
1025
1476
EA/EN-1025
1476
T3017723

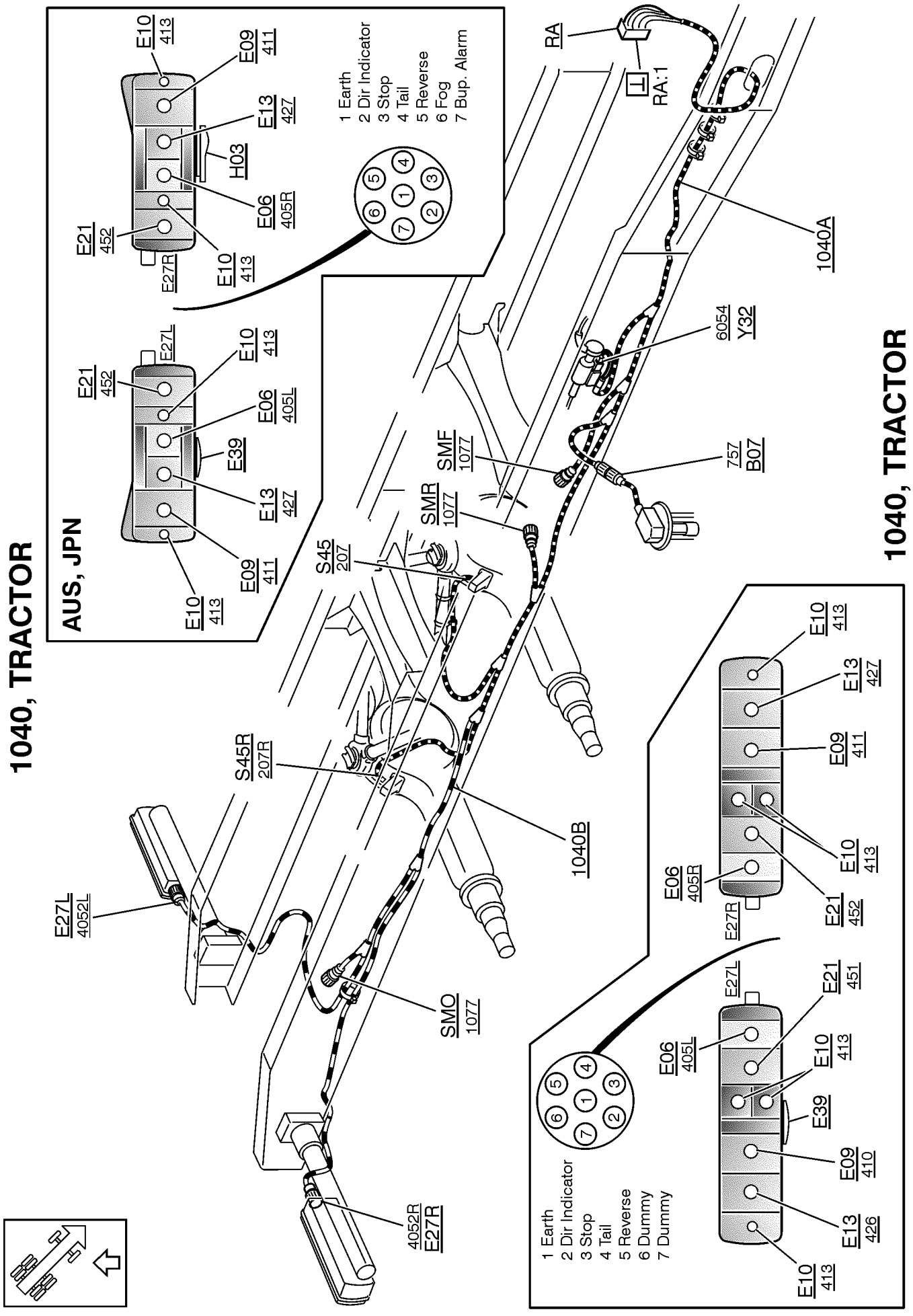

1030 ENG-VE9
1030 ENG-VE9
B39
Y33/Y39
B37
B21
B54
EM-1476
B05
B37
B04
EA
EB
A14
Y37
A45
A44
MP1
A43
R01
B10
S68
B38
Y33:5
Y33:6
Y39
B05
B04

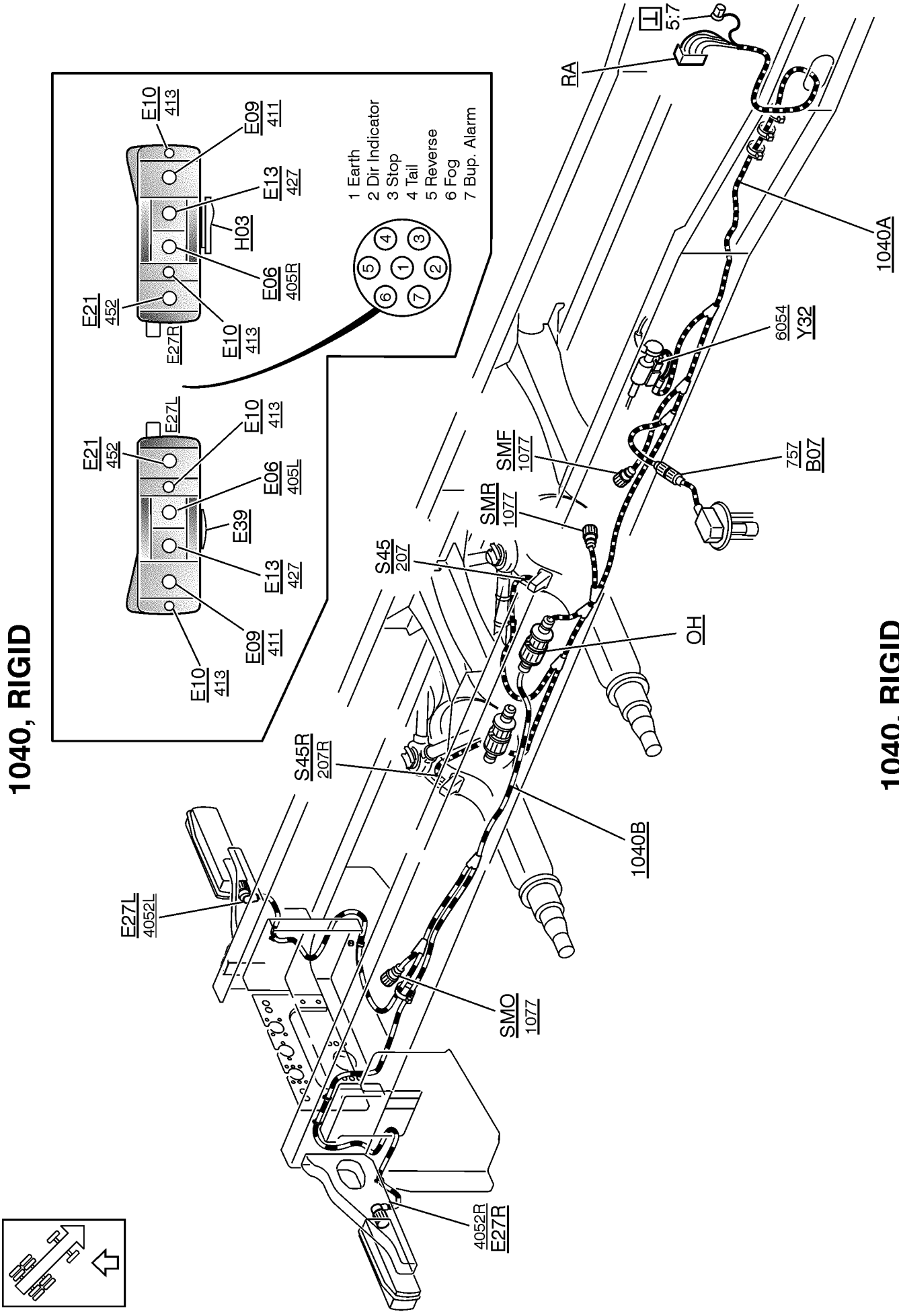
T3016959

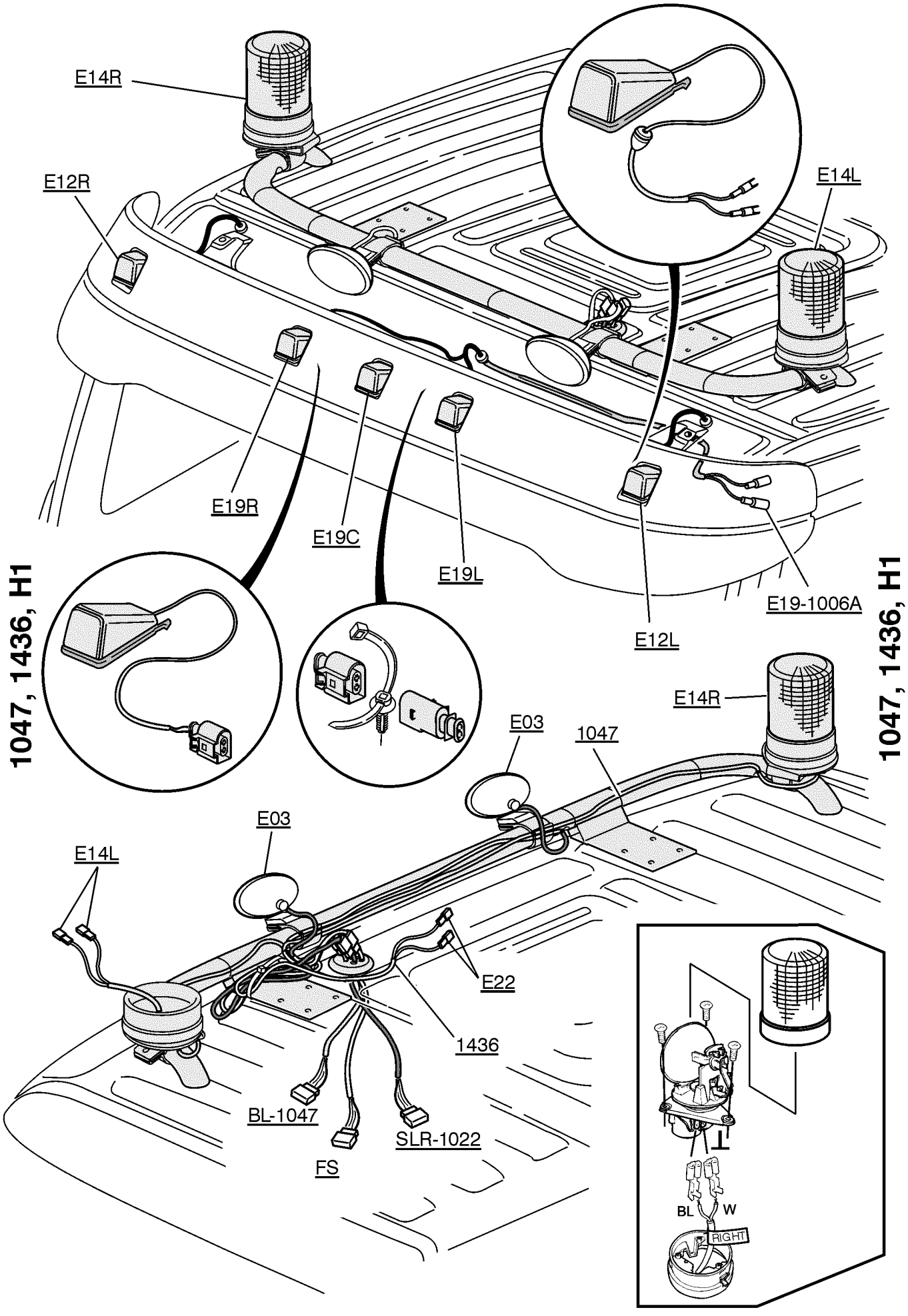

1030 ENG-VE12
1030 ENG-VE12
NEW
B39
B21
B04
B37
B05
B04
EM-1476
A45
Y37
B51
B119
Y33:6
Y33:5
Y33:4
Y33:3
Y33:2
Y33:1
Y39
R01
B54
B118
A43
B05
S68
EA
EB
A14


1030, 1476 ENG-VE16
1030, 1476 ENG-VE16
NEW
NEW
NEW
B1+
B2+
G02
660
1025
Y42
952
To CAB
B39
1030
B05
M04
B04
Y33:6
Y33:5
Y33:4
Y33:3
Y33:2
Y33:1
Y39
B37
B118
EA/EN
A45
1030
B21
EM
A14
EA
EB
A44
B119
B54
Y37
EA/EN
S68
A43
G02
B+
Y42
R01
MA-1000
1476
T3017726

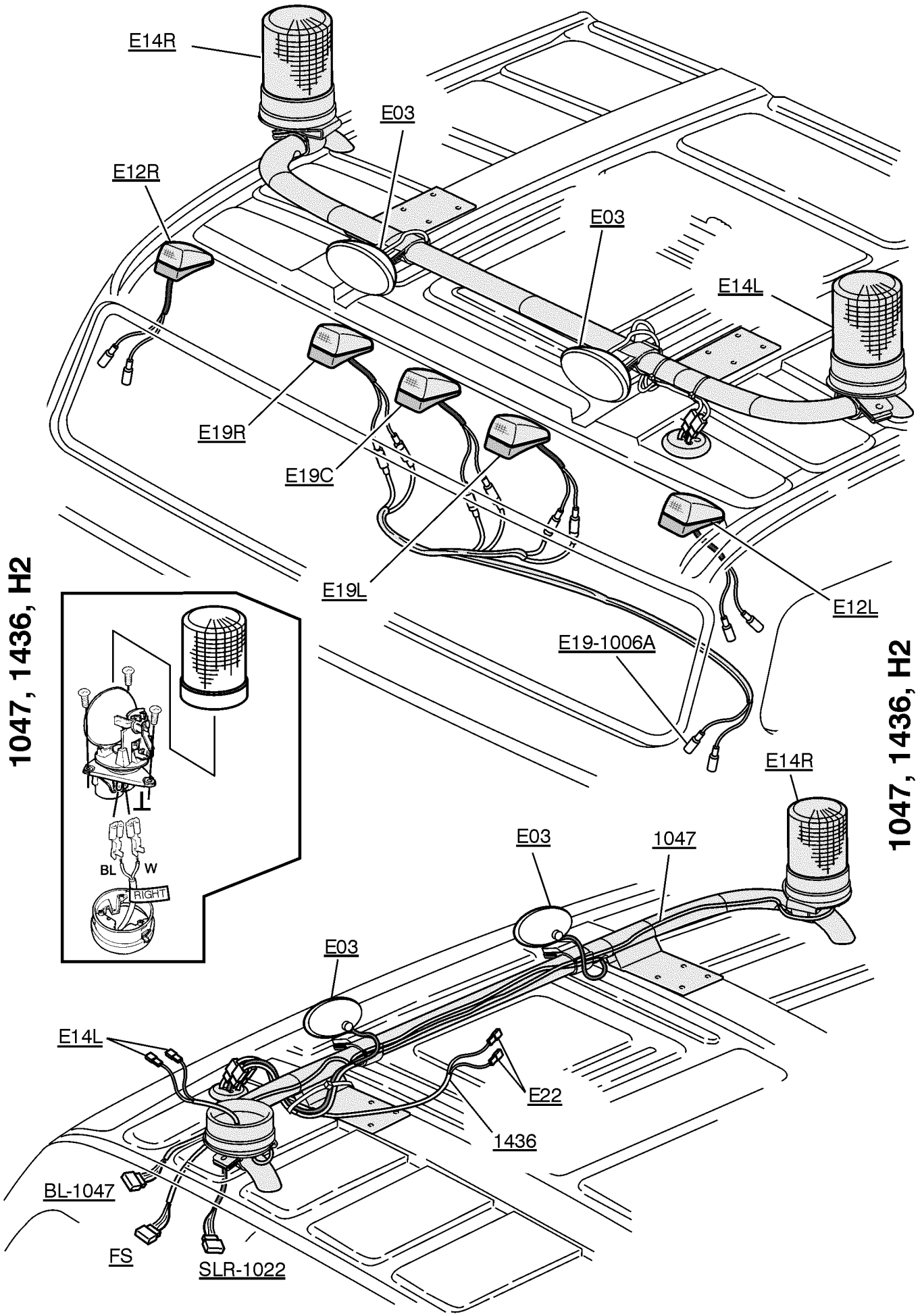

1037
7053
S69
1037
BA
X25
BS
5:4
1037
S56
258
M05
656
K49
313
V04
Y05
606
S46
211
1037

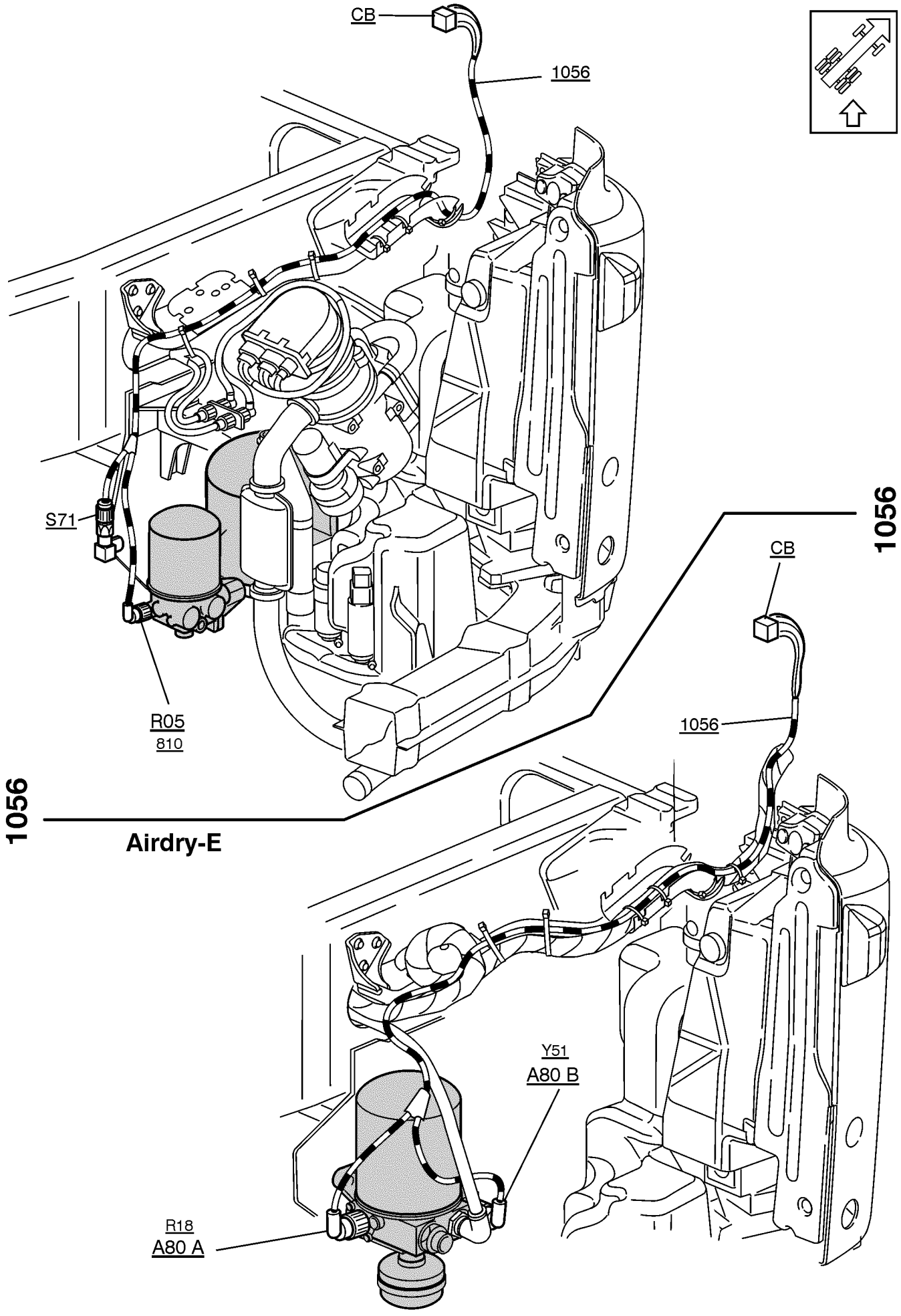

1040, TRACTOR
AUS, JPN
1 Earth
2 Dir Indicator
3 Stop
4 Tail
5 Reverse
6 Fog
7 Bup. Alarm
E10 413
E09 411
E13 427
H03
E06 405R
E21 452
E27R
E27L
E39
E06 405L
RA
RA:1
1040A
6054 Y32
757 B07
SMF 1077
SMR 1077
S45 207
S45R 207R
1040B
E27L 4052L
SMO 1077
4052R E27R
1040, TRACTOR
E21 451
E13 426
E09 410
1 Earth
2 Dir Indicator
3 Stop
4 Tail
5 Reverse
6 Dummy
7 Dummy
T3017727


1040, RIGID
1040, RIGID
1 Earth
2 Dir Indicator
3 Stop
4 Tail
5 Reverse
6 Fog
7 Bup. Alarm
E10 413
E09 411
E13 427
H03
E06 405R
E21 452
E27R
E10 413
E27L
E10 413
E21 452
E06 405L
E39
E13 427
E09 411
E10 413
RA
5:7
1040A
6054 Y32
SMF 1077
757 B07
SMR 1077
S45 207
OH
S45R 207R
1040B
E27L 4052L
SMO 1077
4052R E27R

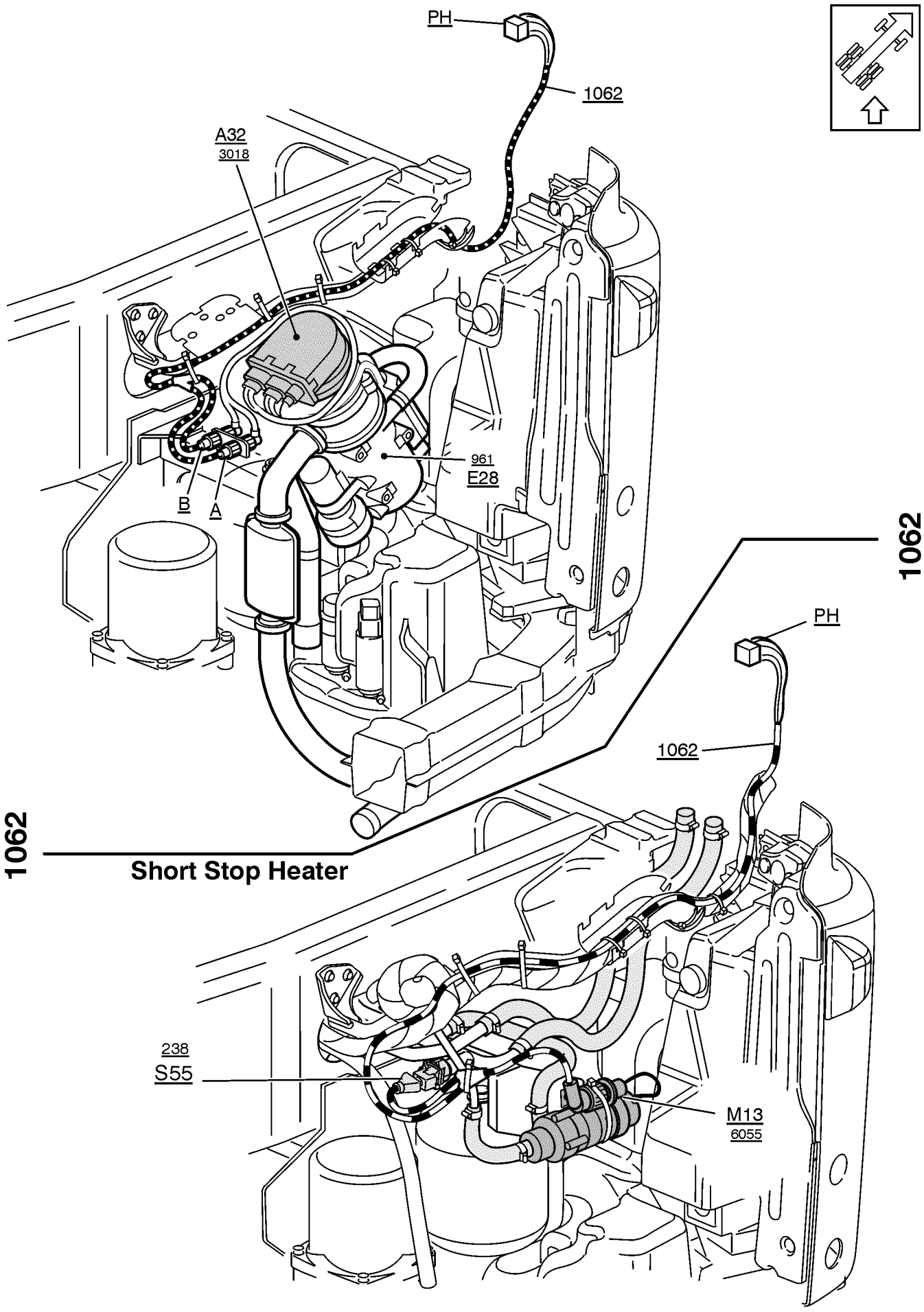

E14R
E12R
E14L
E19R
E19C
E19L
E19-1006A
E12L
1047, 1436, H1
1047, 1436, H1
E14R
E03
1047
E03
E14L
E22
1436
BL-1047
SLR-1022
FS
BL
W
RIGHT

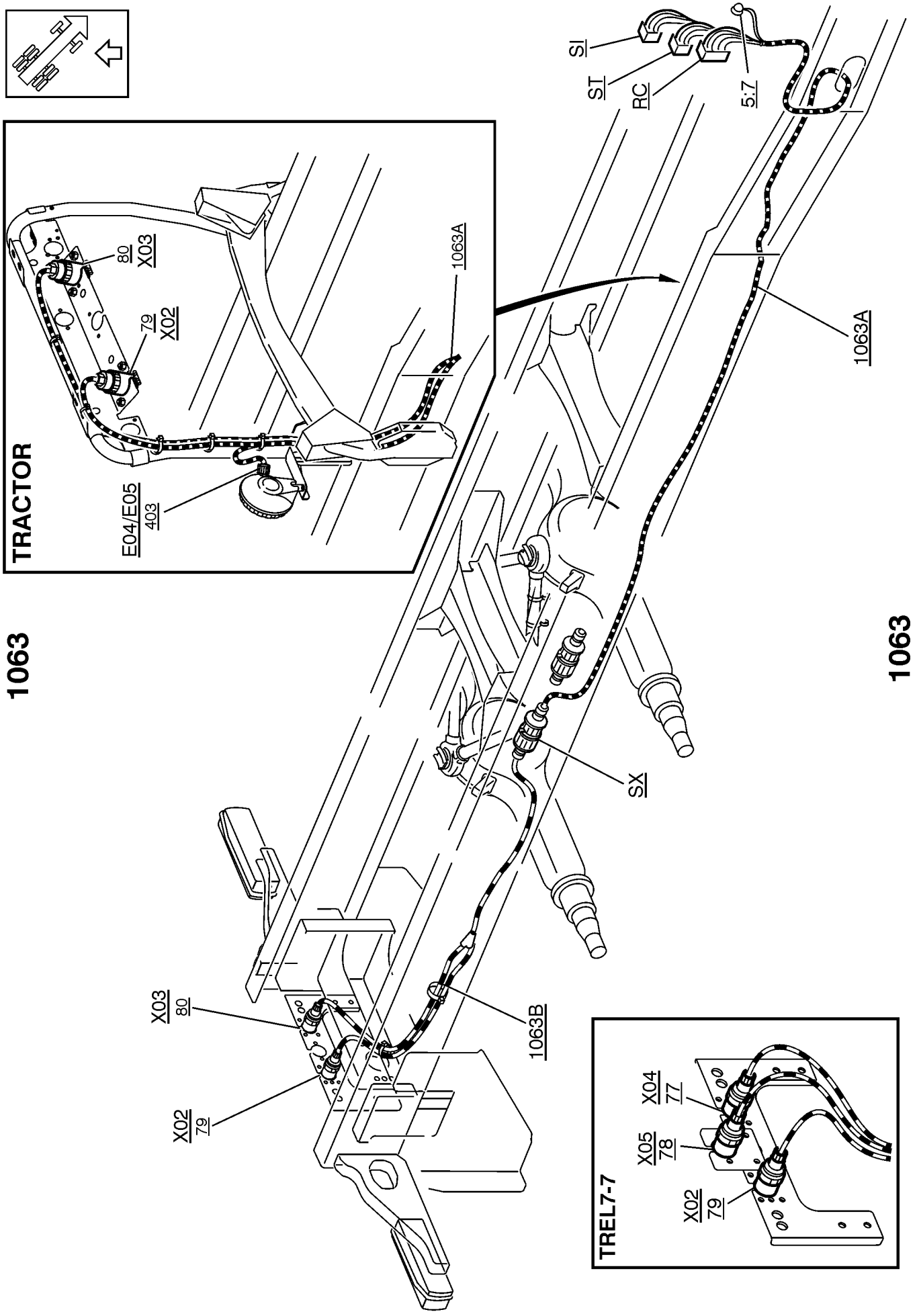
T3016405


E14R
E03
E12R
E03
E14L
E19R
E19C
E19L
E12L
E19-1006A
1047, 1436, H2
1047, 1436, H2
BL
W
RIGHT
E14R
E03
1047
E03
E14L
E22
1436
BL-1047
FS
SLR-1022

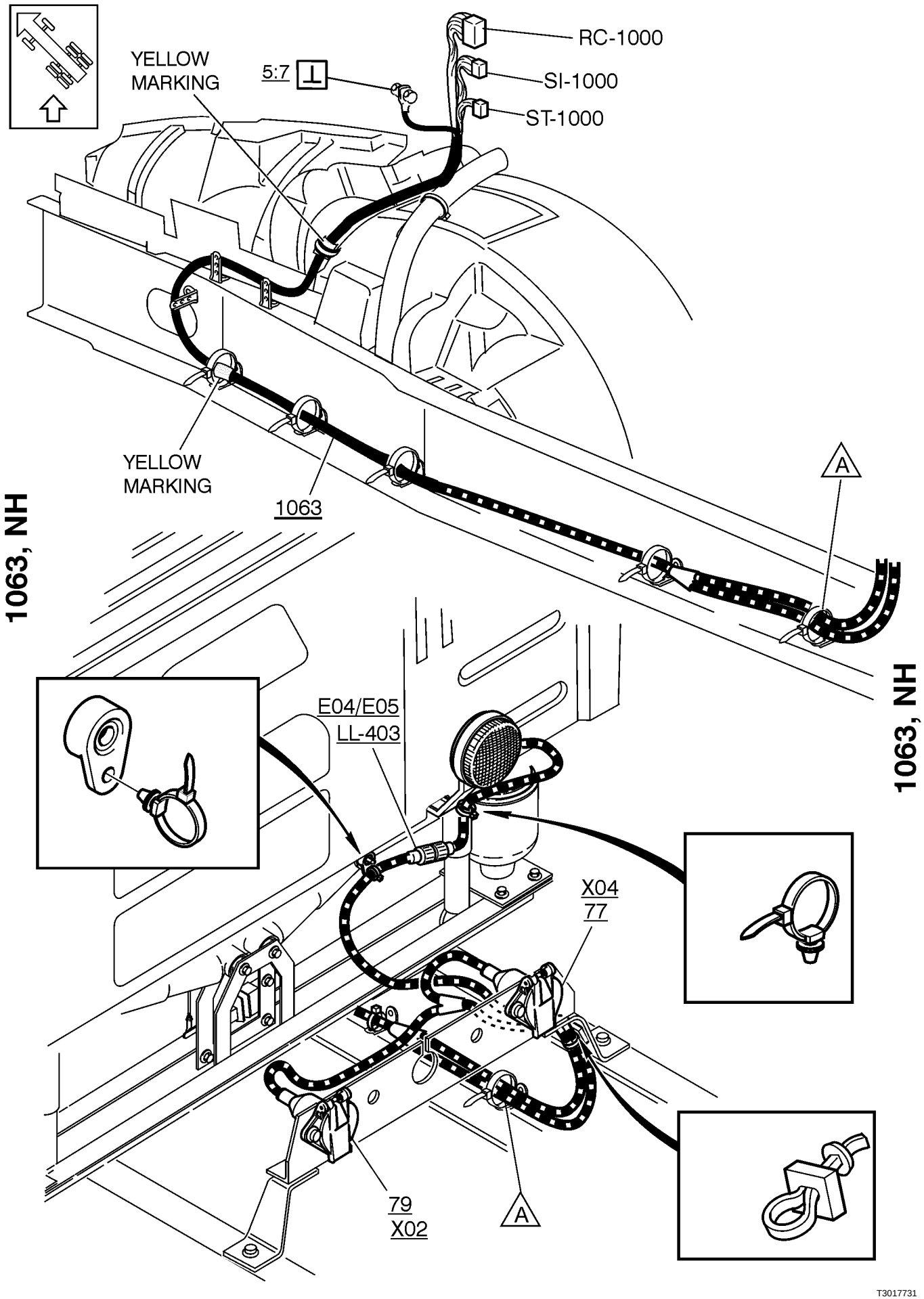

CB
1056
S71
R05
810
1056
1056
CB
1056
Airdry-E
Y51
A80 B
R18
A80 A

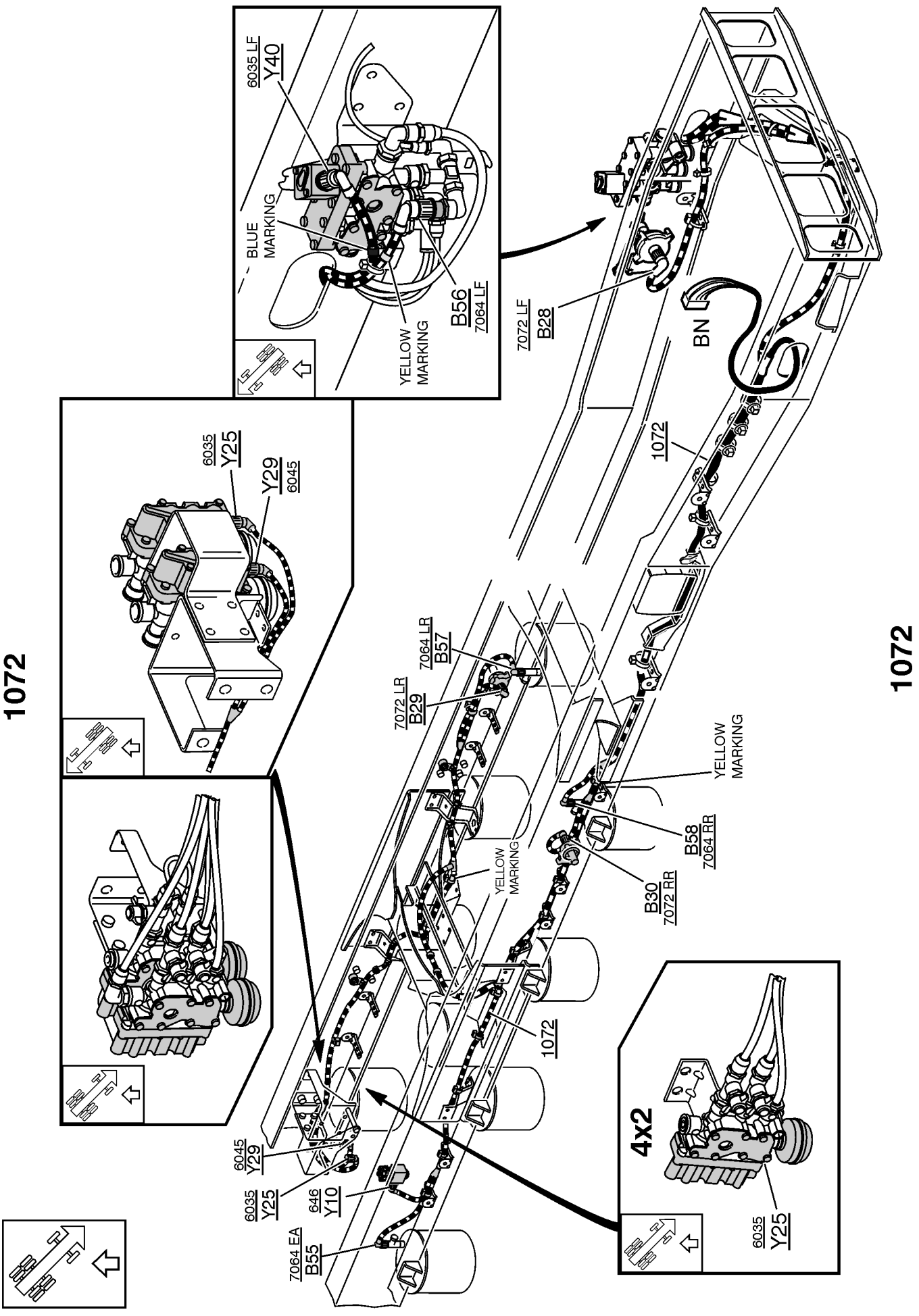
T3016962

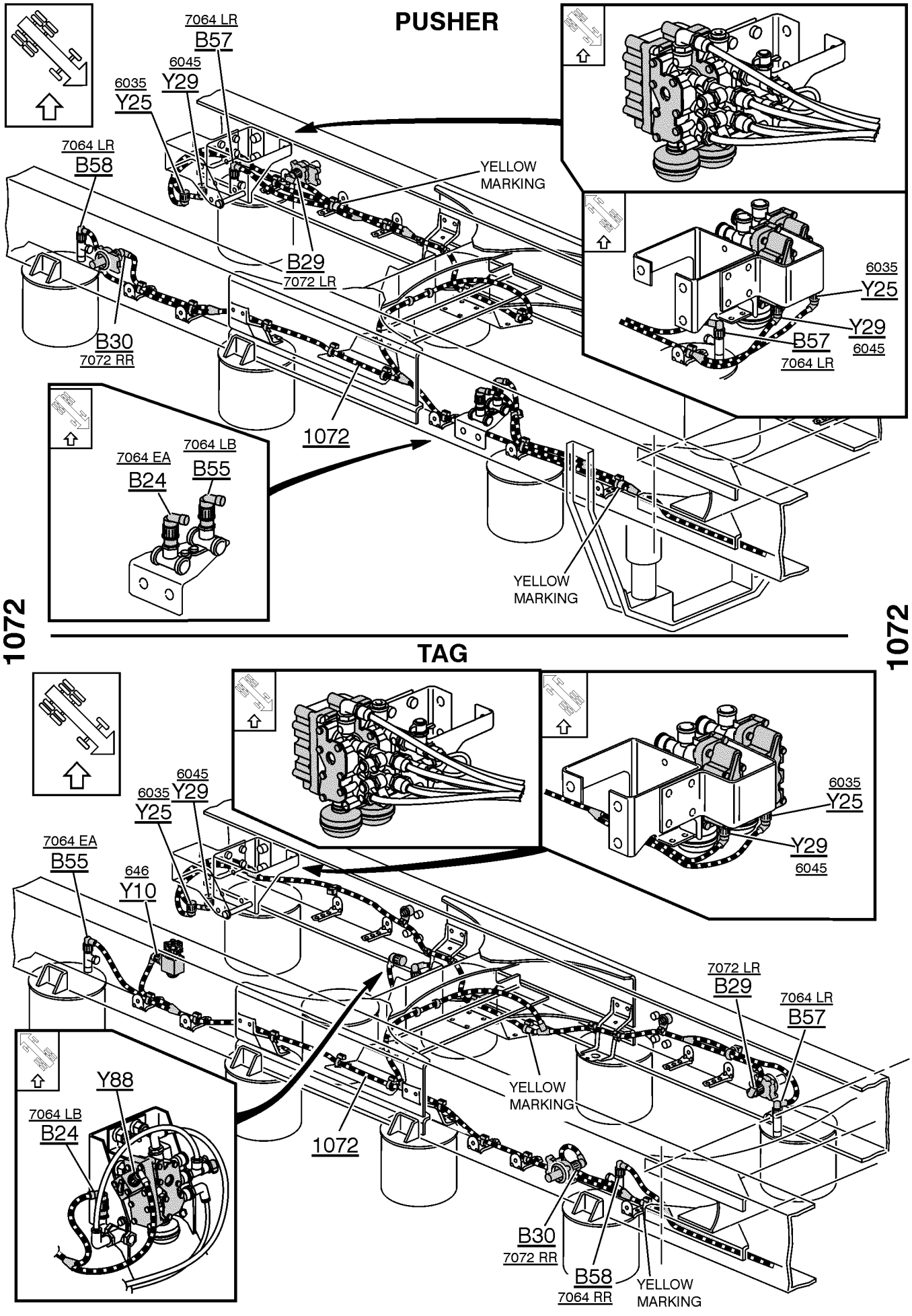

PH
1062
A32
3018
961
E28
B
A
1062
PH
1062
1062
Short Stop Heater
238
S55
M13
6055

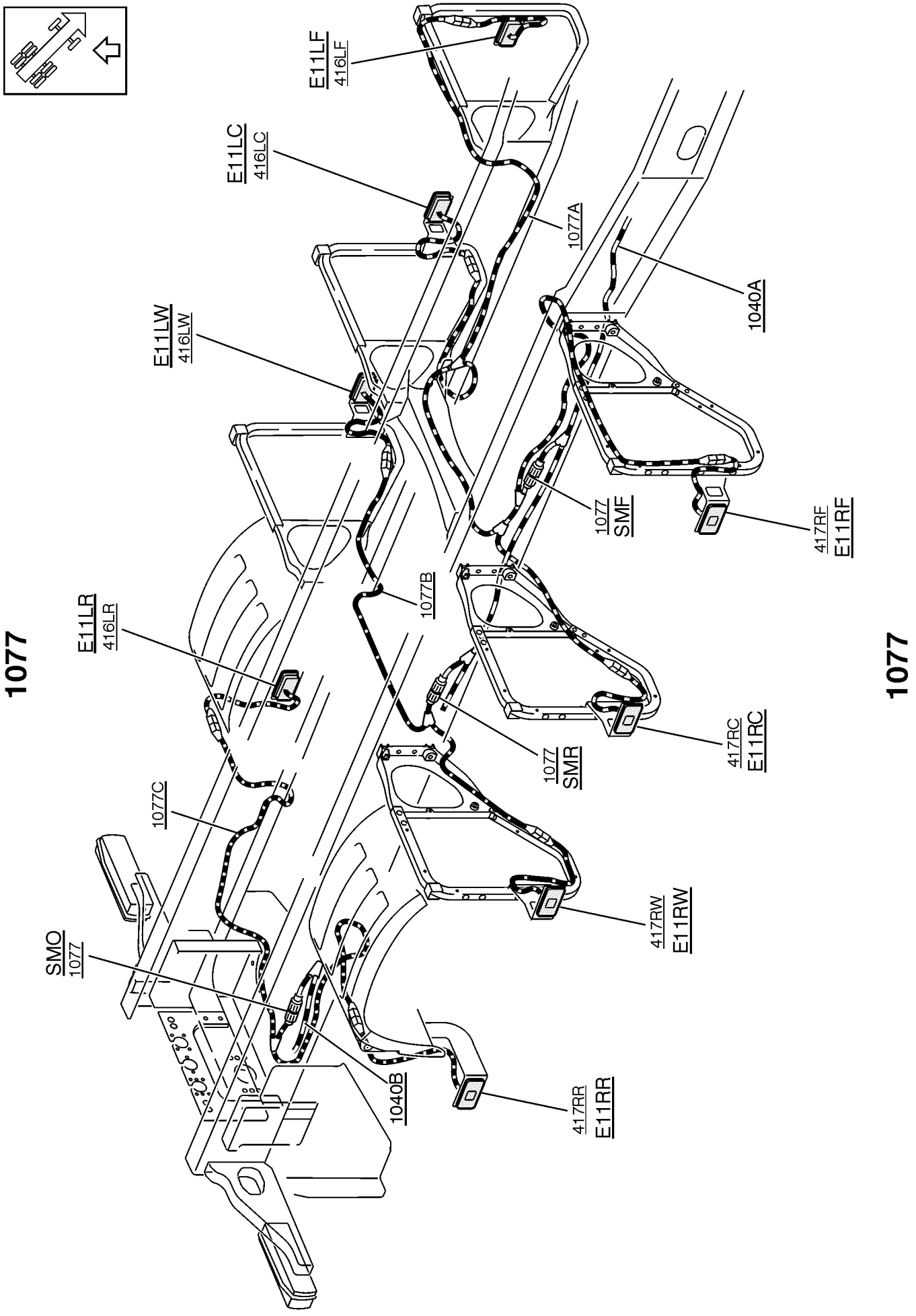

1063
TRACTOR
80
X03
79
X02
E04/E05
403
1063A
SI
ST
RC
5:7
1063A
SX
1063
X03
80
X02
79
1063B
TREL7-7
X04
77
X05
78
X02
79

T3018306

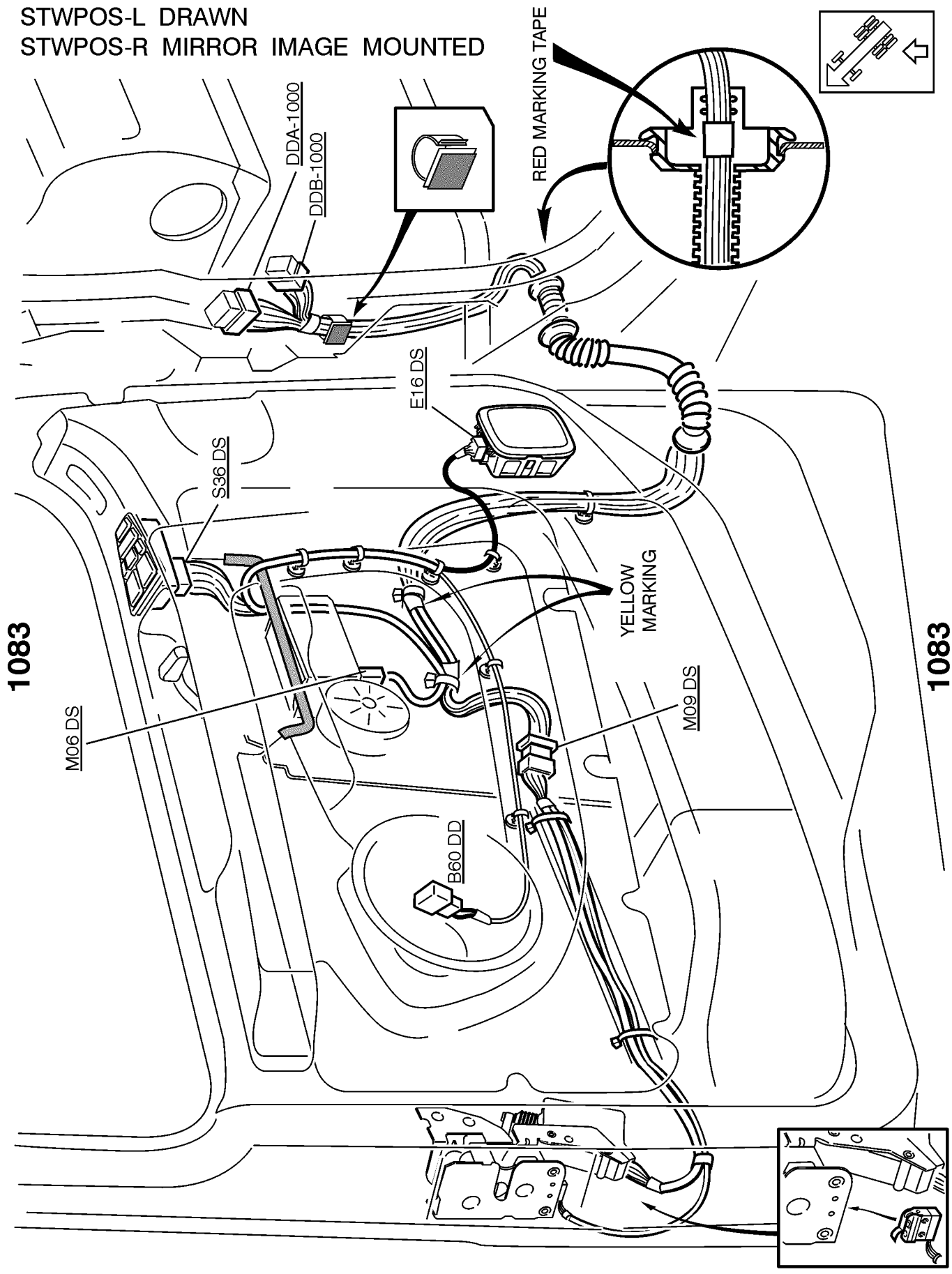

RC-1000
SI-1000
ST-1000
YELLOW MARKING
5:7
YELLOW MARKING
1063
A
1063, NH
1063, NH
E04/E05
LL-403
X04
77
79
X02
A
T3017731


1072
6035 LF
Y40
BLUE
MARKING
YELLOW
MARKING
B56
7064 LF
7072 LF
B28
BN
1072
6035
Y25
6045
Y29
7064 LR
B57
7072 LR
B29
YELLOW
MARKING
B58
7064 RR
B30
7072 RR
YELLOW
MARKING
1072
4x2
6035
Y25
6045
Y29
6035
Y25
646
Y10
7064 EA
B55
1072
T3018307

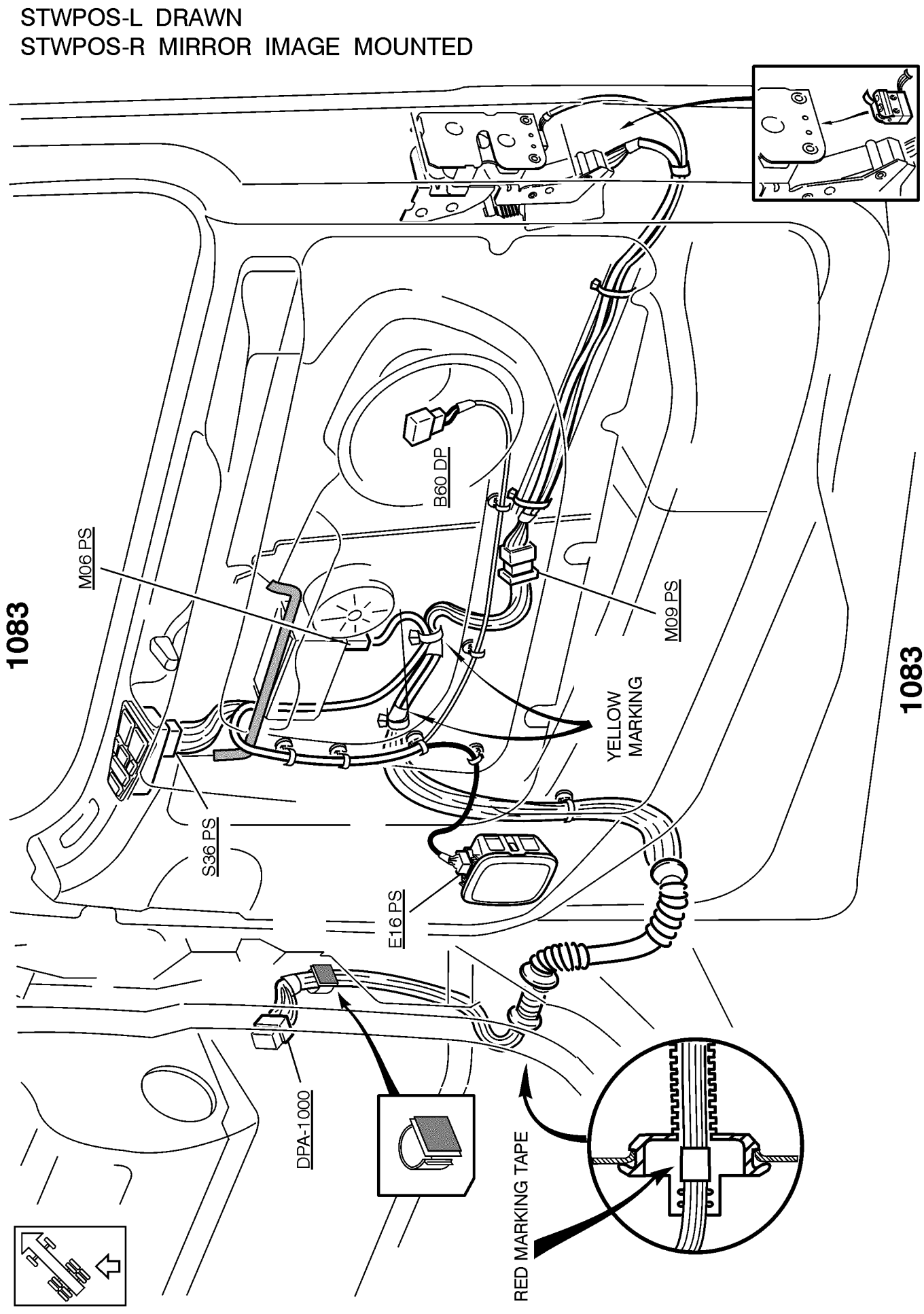

PUSHER
7064 LR
B57
6045
Y29
6035
Y25
7064 LR
B58
YELLOW
MARKING
B29
7072 LR
B30
7072 RR
1072
6035
Y25
Y29
6045
B57
7064 LR
7064 EA
B24
7064 LB
B55
YELLOW
MARKING
1072
1072
TAG
6045
6035
Y29
Y25
7064 EA
B55
646
Y10
6035
Y25
Y29
6045
7072 LR
B29
7064 LR
B57
Y88
7064 LB
B24
YELLOW
MARKING
1072
B30
7072 RR
B58
7064 RR
YELLOW
MARKING

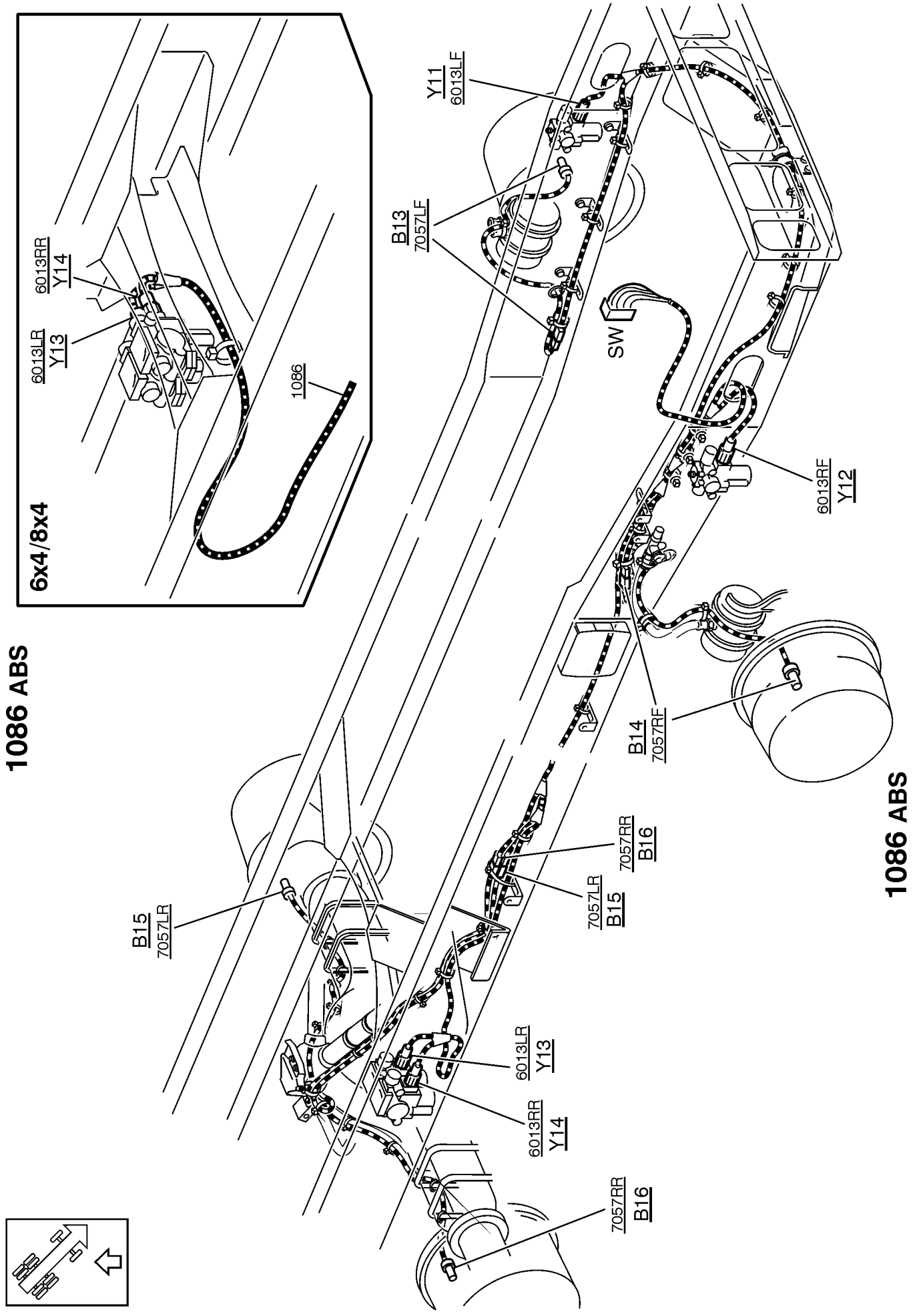

1077
E11LF
416LF
E11LC
416LC
1077A
1040A
E11LW
416LW
1077
SMF
417RF
E11RF
1077B
E11LR
416LR
417RC
E11RC
1077
SMR
1077C
417RW
E11RW
SMO
1077
1040B
417RR
E11RR
1077

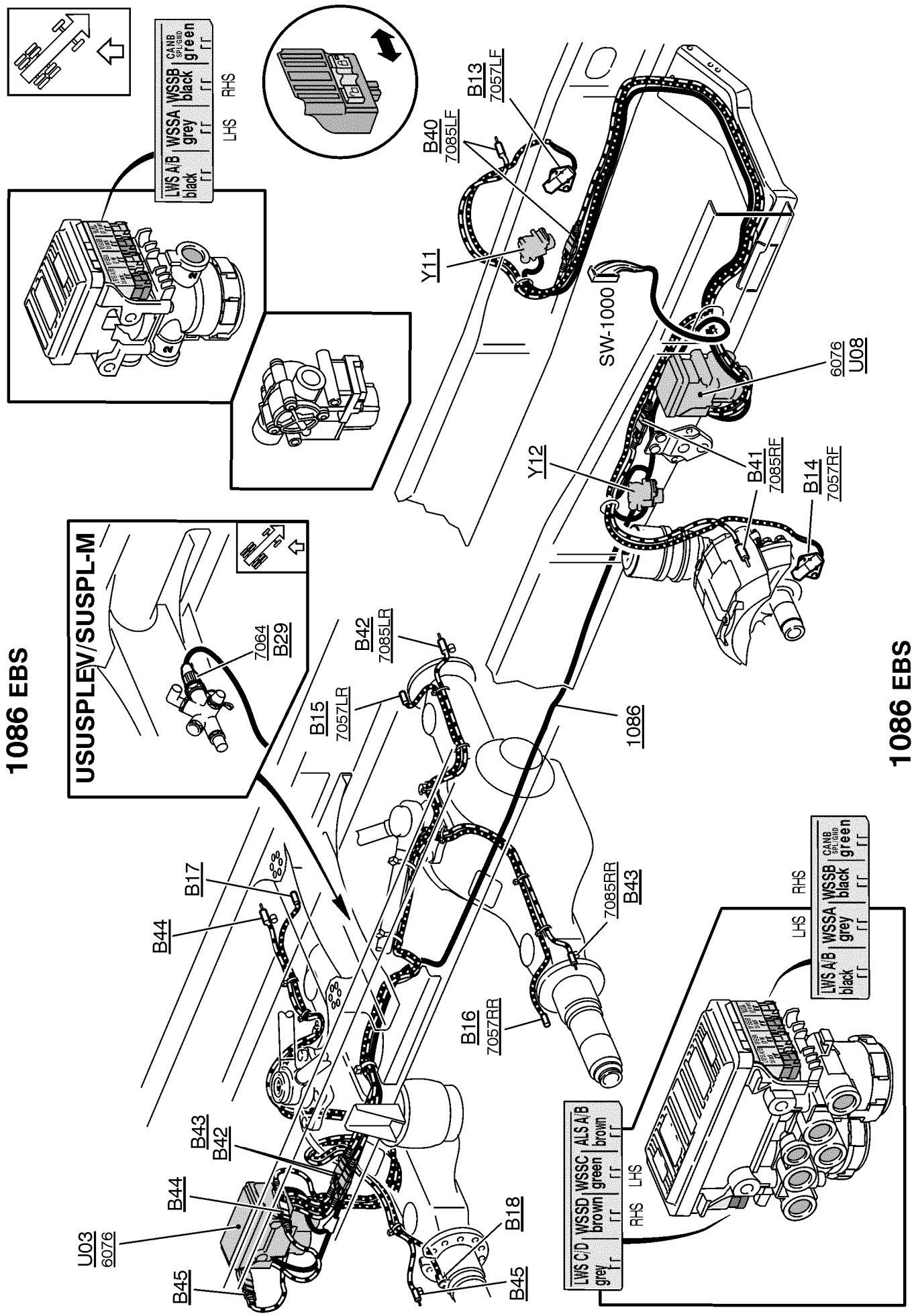
T3016409


STWPOS-L DRAWN
STWPOS-R MIRROR IMAGE MOUNTED
RED MARKING TAPE
DDA-1000
DDB-1000
E16 DS
S36 DS
YELLOW MARKING
M09 DS
M06 DS
B60 DD
1083
1083

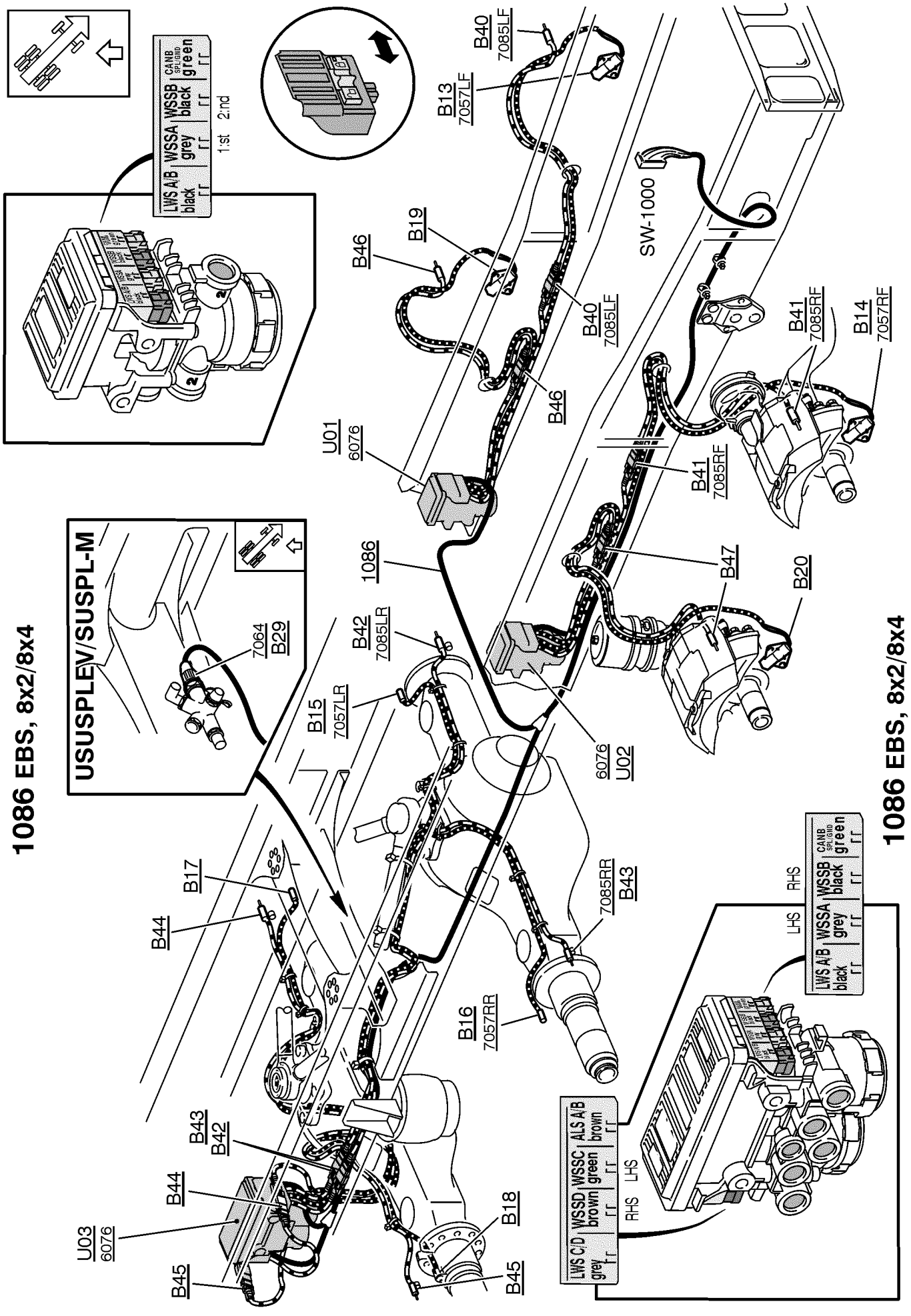
T3017732

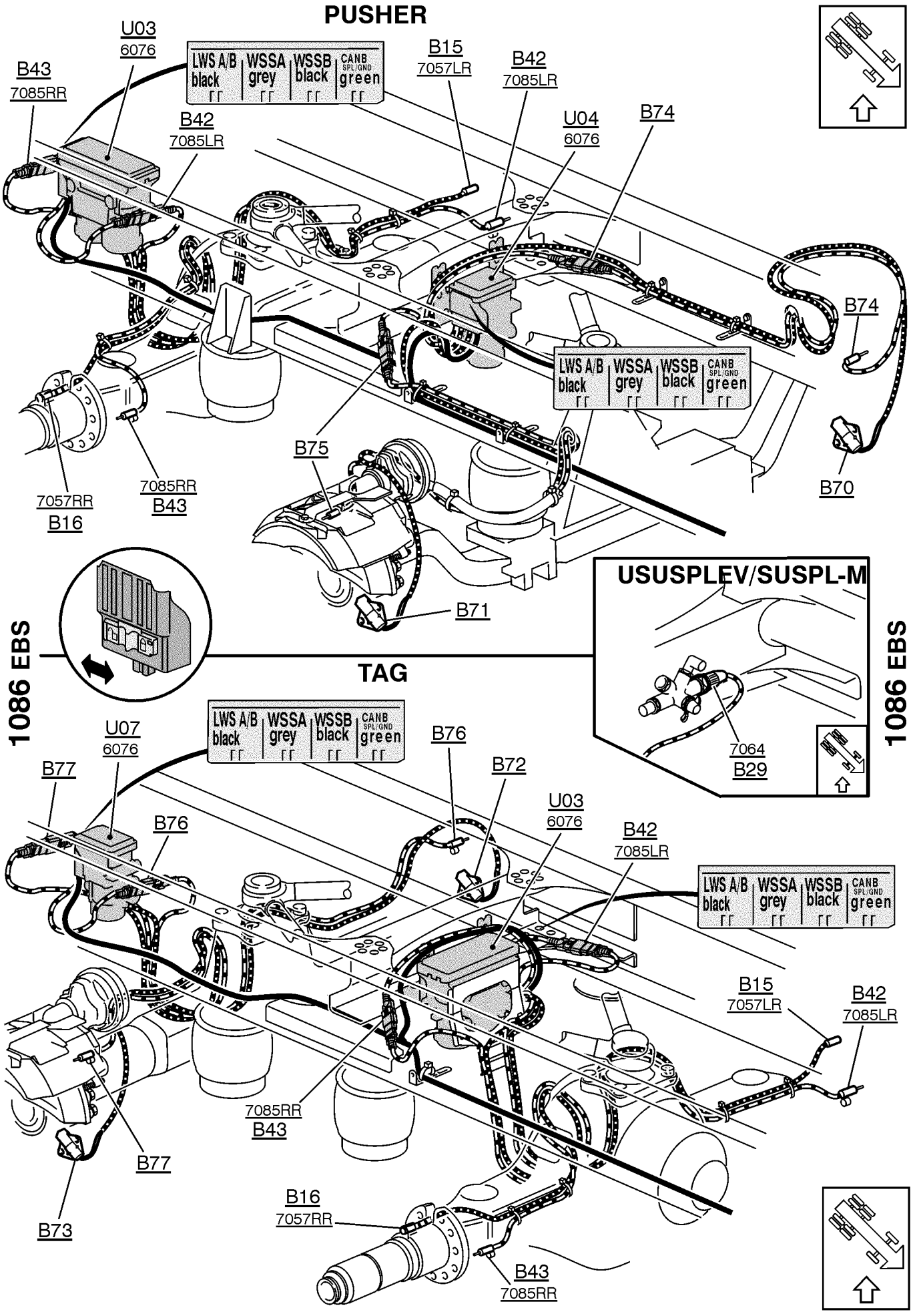

STWPOS-L DRAWN
STWPOS-R MIRROR IMAGE MOUNTED
1083
1083
M06 PS
B60 DP
M09 PS
YELLOW MARKING
S36 PS
E16 PS
DPA-1000
RED MARKING TAPE
T3017733


1086 ABS
6x4/8x4
6013RR Y14
6013LR Y13
1086
Y11 6013LF
B13 7057LF
SW
6013RF Y12
B14 7057RF
B15 7057LR
7057RR B16
7057LR B15
7057RR B16
6013LR Y13
6013RR Y14
1086 ABS

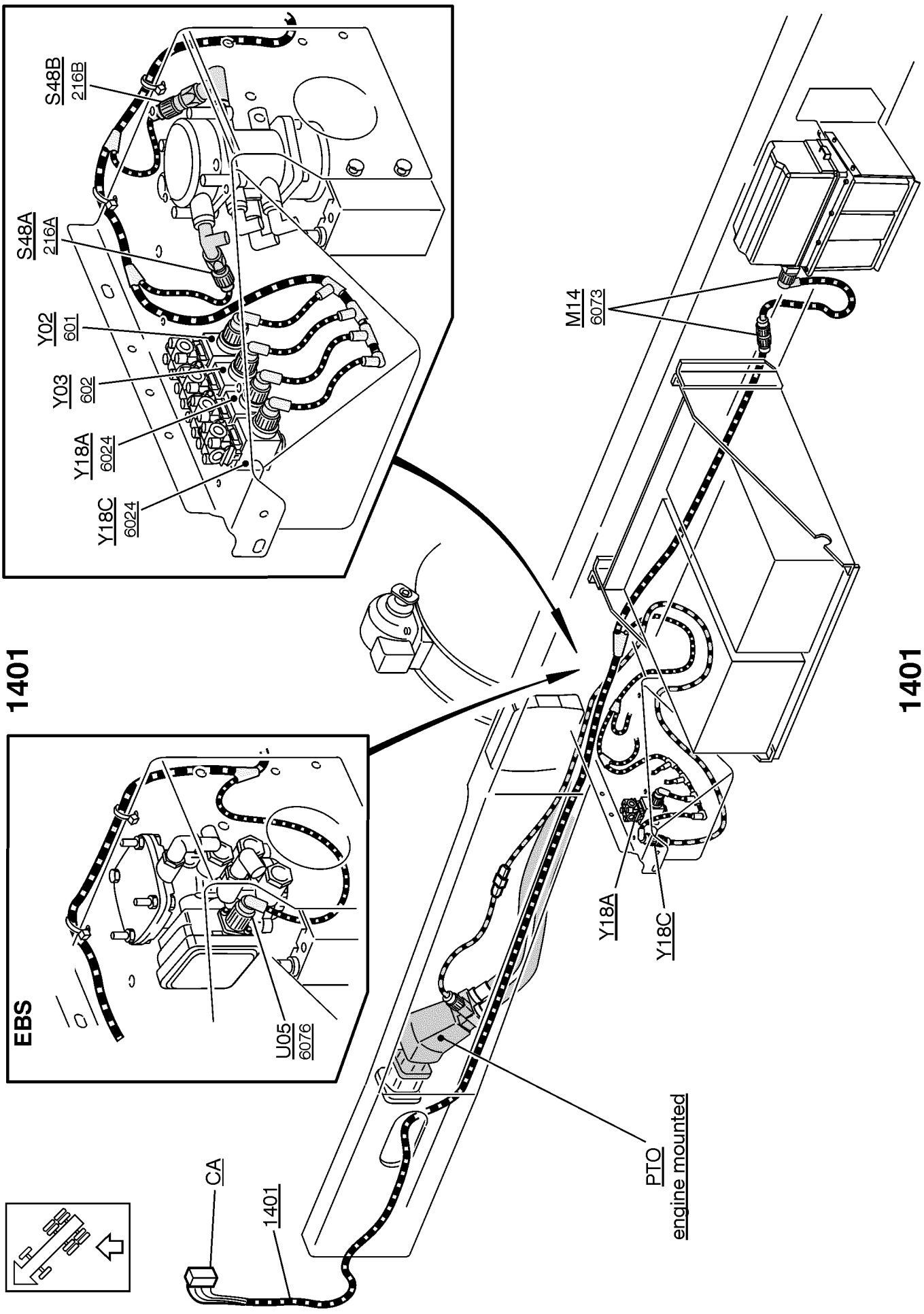

1086 EBS
USUSPLEV/SUSPL-M
7064
B29
B42
7085LR
B15
7057LR
B17
B44
B43
B42
B44
U03
6076
B45
B18
B45
B16
7057RR
7085RR
B43
1086
B40
7085LF
B13
7057LF
Y11
SW-1000
Y12
B41
7085RF
B14
7057RF
6076
U08
LWS A/B
black
WSSA
grey
WSSB
black
CAN B
green
LHS
RHS
LWS C/D
grey
WSSD
brown
WSSC
green
ALS A/B
brown
1086 EBS

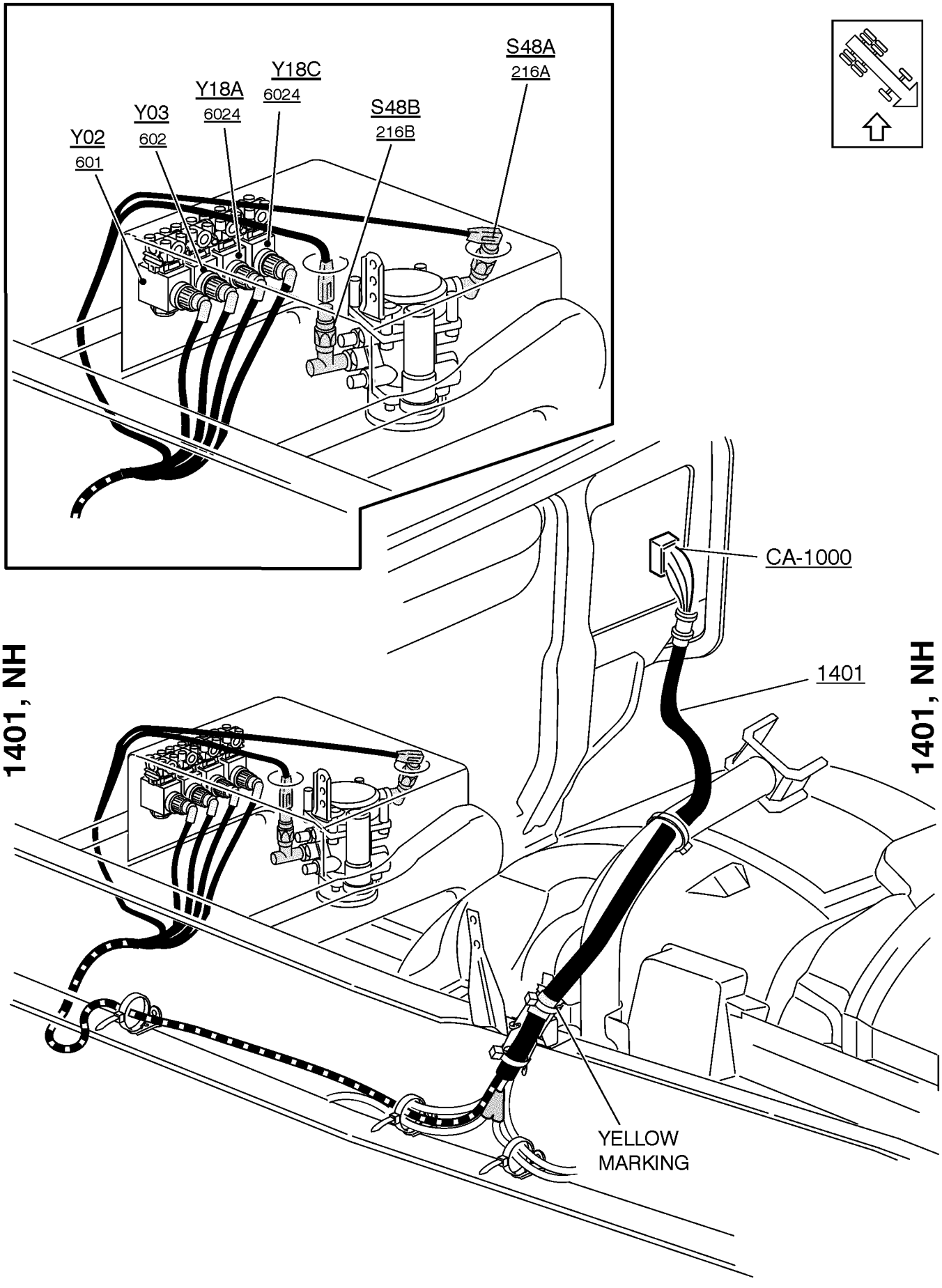
T3017734

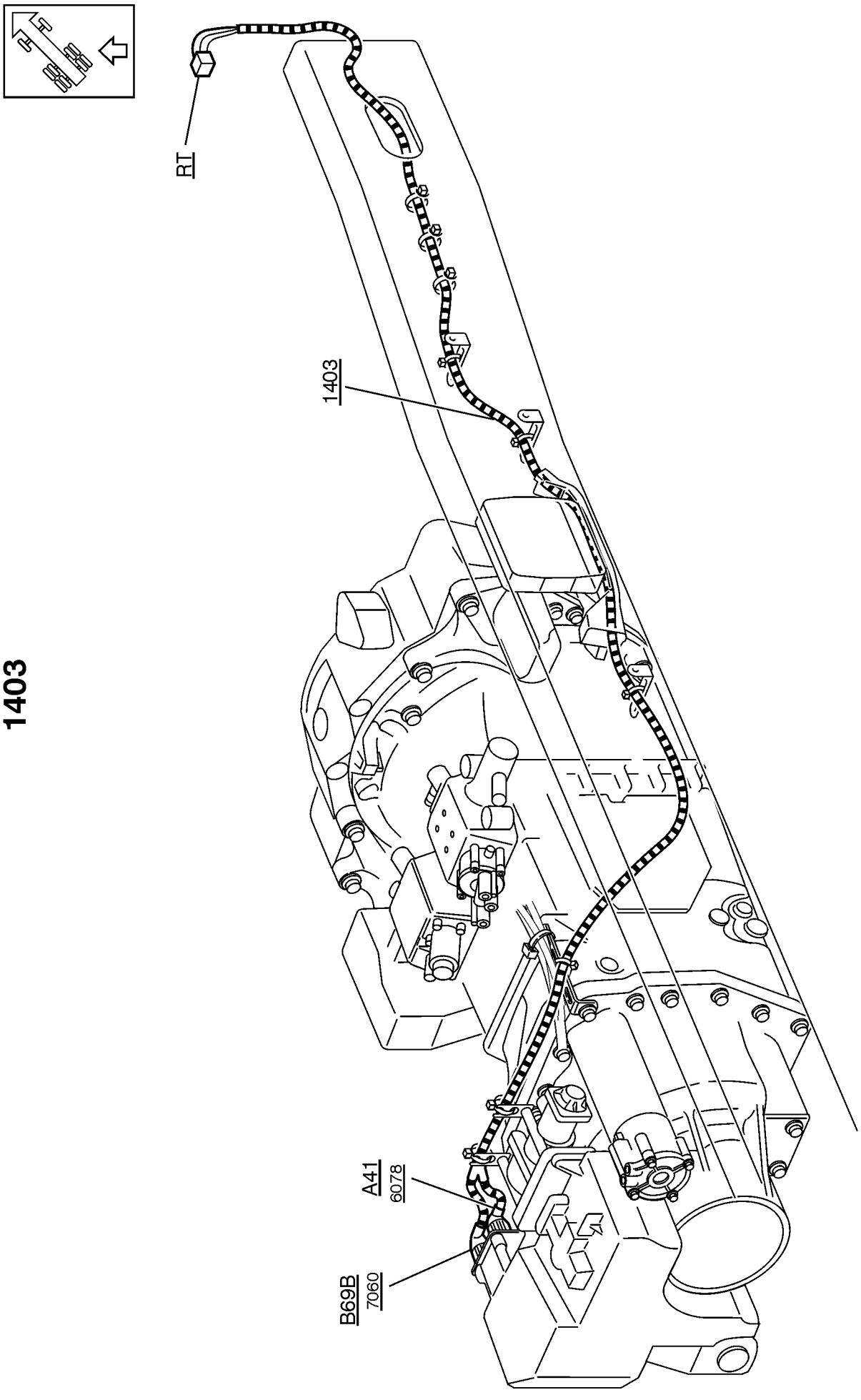

1086 EBS, 8x2/8x4
USUSPLEV/SUSPL-M
7064 B29
LWS A/B black rr
WSSA grey rr
WSSB black rr
CAN B SPL/GND green rr
1:st 2:nd
B40 7085LF
B13 7057LF
B19
B46
SW-1000
B41 7085RF
B14 7057RF
U01 6076
1086
B42 7085LR
B15 7057LR
B47
B20
6076 U02
B17
B44
B43
B42
U03 6076
B45
B18
B16 7057RR
7085RR B43
LWS C/D grey rr
WSSD brown rr
WSSC green rr
ALS A/B brown rr
RHS LHS
1086 EBS, 8x2/8x4

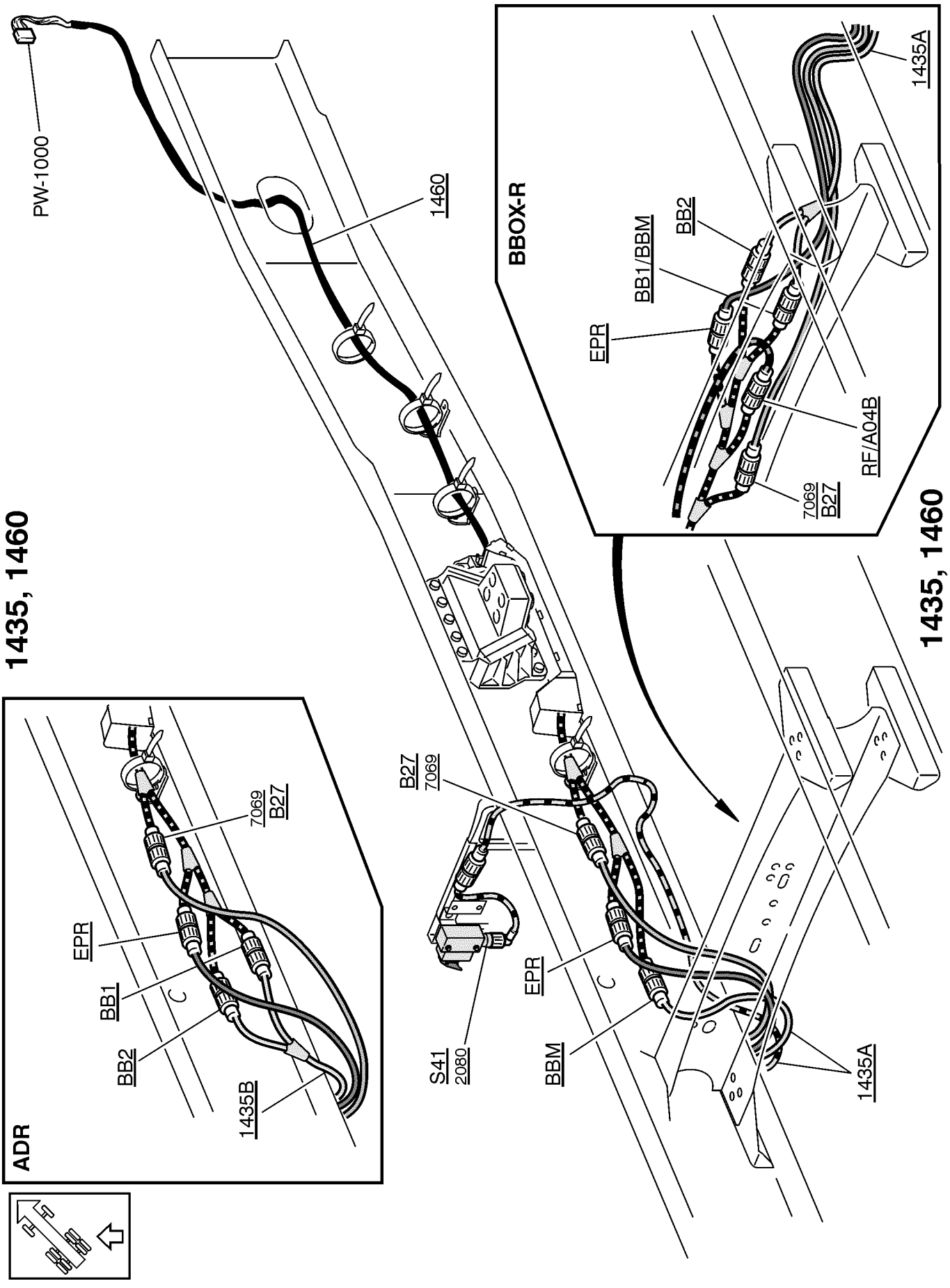

PUSHER
U03
6076
B43
7085RR
LWS A/B black
WSSA grey
WSSB black
CANB SPL/GND green
B15
7057LR
B42
7085LR
B42
7085LR
U04
6076
B74
B74
B75
7057RR
B16
7085RR
B43
B70
B71
1086 EBS
TAG
USUSPLEV/SUSPL-M
7064
B29
1086 EBS
U07
6076
B77
LWS A/B black
WSSA grey
WSSB black
CANB SPL/GND green
B76
B72
U03
6076
B76
B42
7085LR
B15
7057LR
B42
7085LR
7085RR
B43
B77
B73
B16
7057RR
B43
7085RR

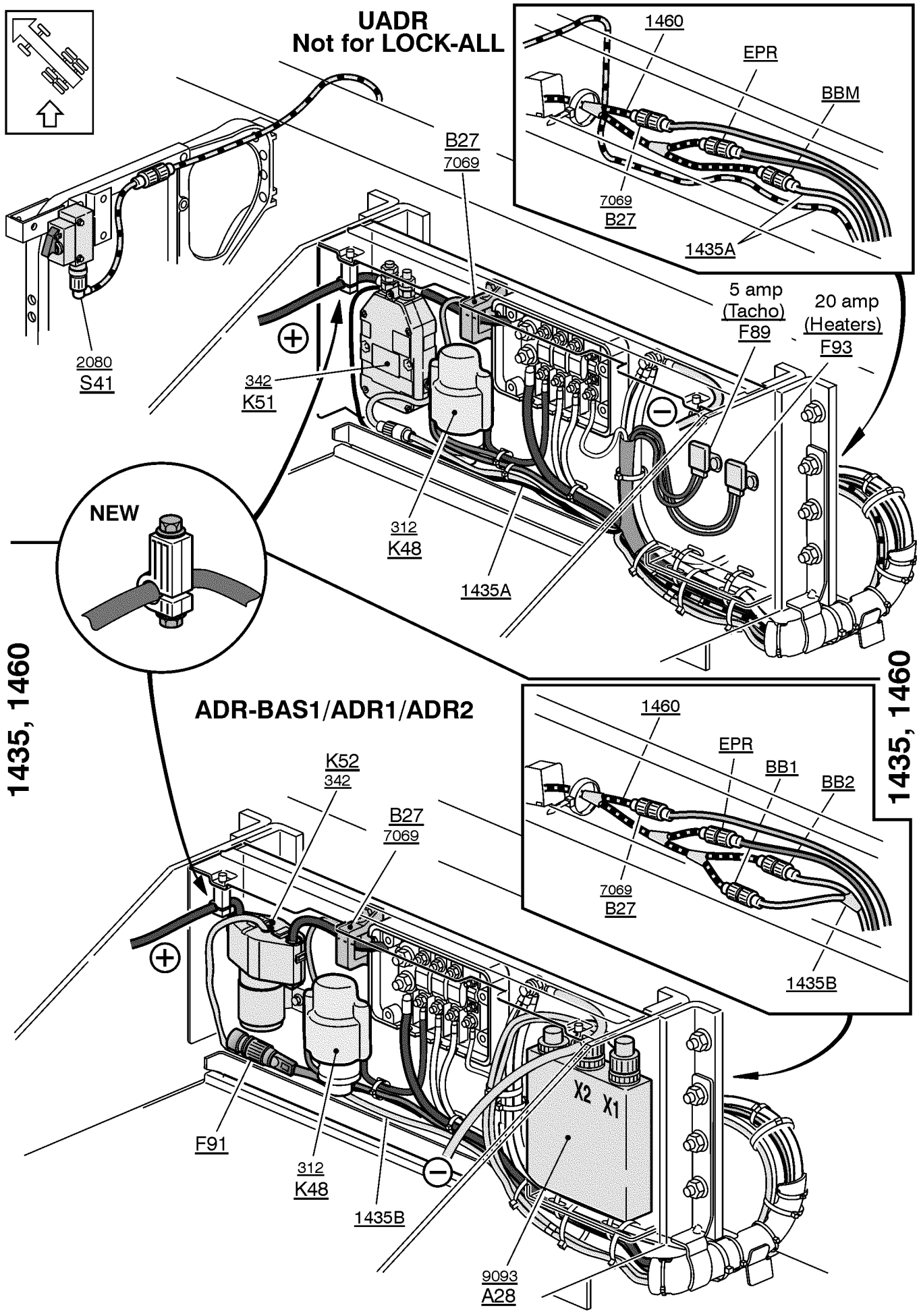
T3016968


S48B 216B
S48A 216A
Y02 601
Y03 602
Y18A 6024
Y18C 6024
EBS
U05 6076
1401
1401
M14 6073
Y18A
Y18C
CA
1401
PTO engine mounted


Y02
601
Y03
602
Y18A
6024
Y18C
6024
S48B
216B
S48A
216A
CA-1000
1401
1401, NH
1401, NH
YELLOW
MARKING
T3016970

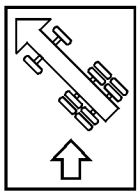

RT
1403
A41
6078
B69B
7060
1403
1403

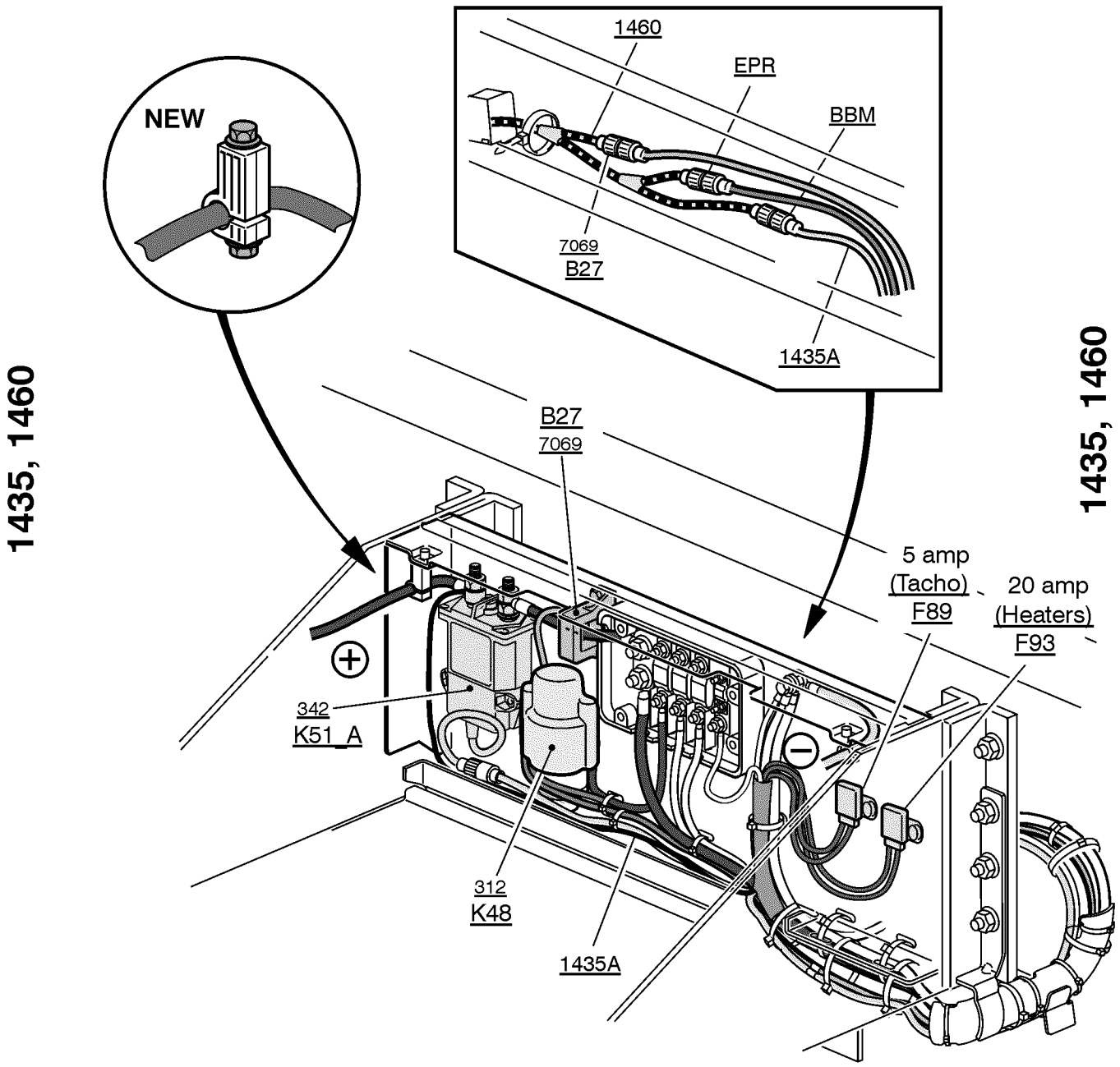

1435, 1460
PW-1000
1460
BBOX-R
1435A
BB2
BB1/BBM
EPR
RF/A04B
7069
B27
1435, 1460
ADR
EPR
BB1
BB2
1435B
7069
B27
B27
7069
S41
2080
EPR
BBM
1435A
T3018317


UADR
Not for LOCK-ALL
1460
EPR
BBM
7069
B27
1435A
B27
7069
2080
S41
342
K51
5 amp
(Tacho)
F89
20 amp
(Heaters)
F93
312
K48
1435A
NEW
1435, 1460
ADR-BAS1/ADR1/ADR2
1460
EPR
BB1
BB2
7069
B27
1435B
1435, 1460
K52
342
B27
7069
F91
312
K48
1435B
X2
X1
9093
A28

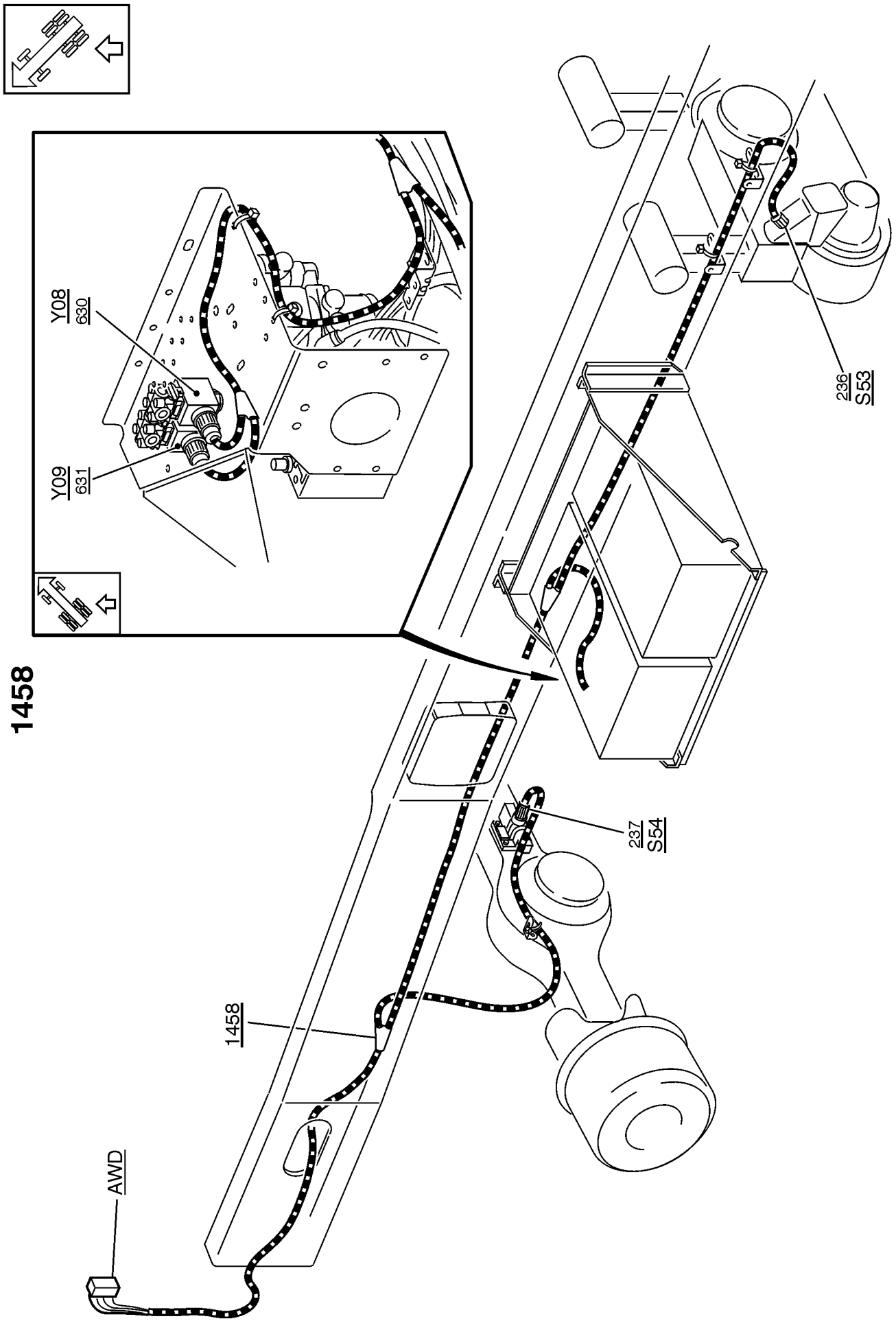
T3017738

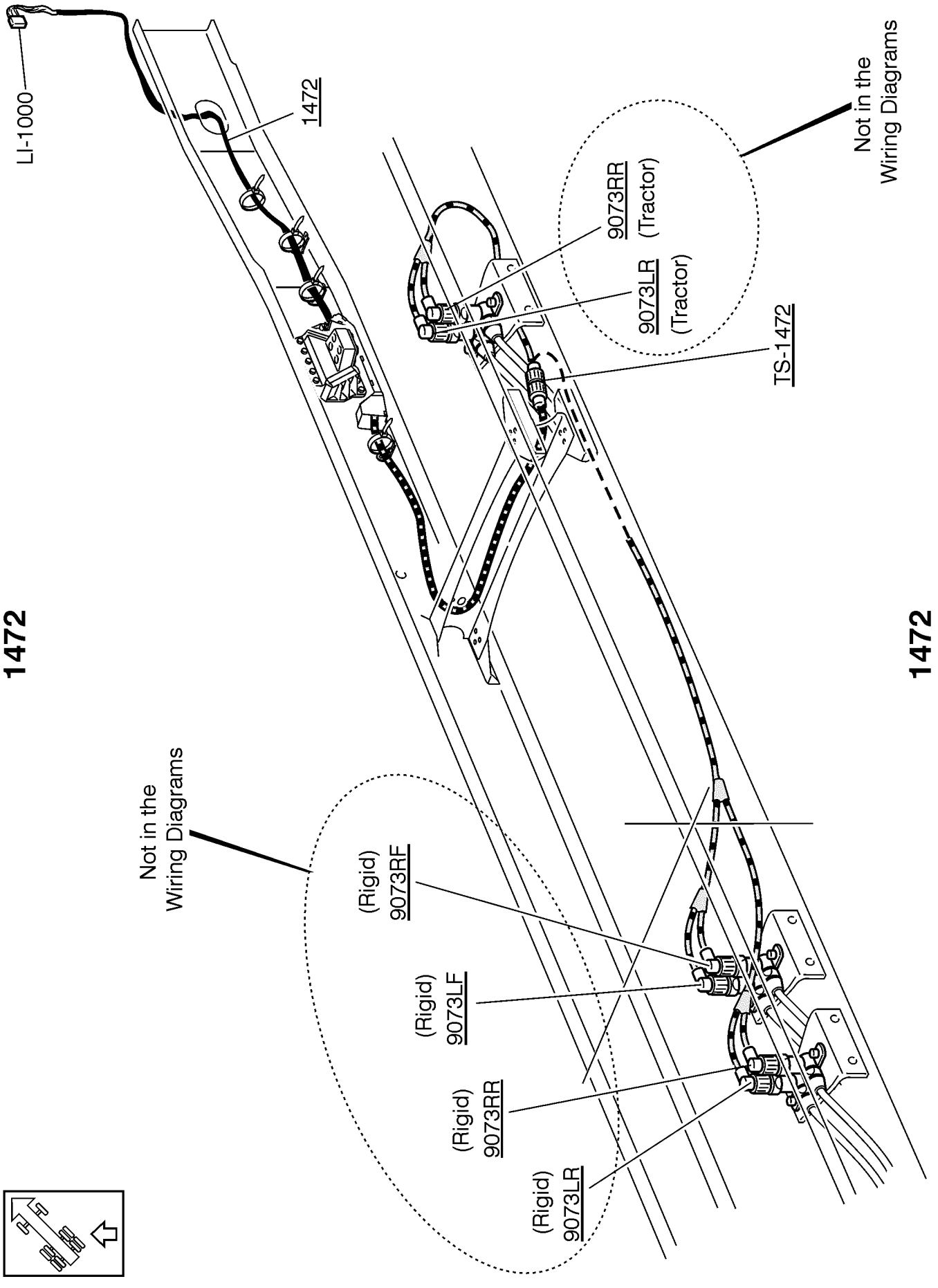
MAINSWI, LOCK-ALL

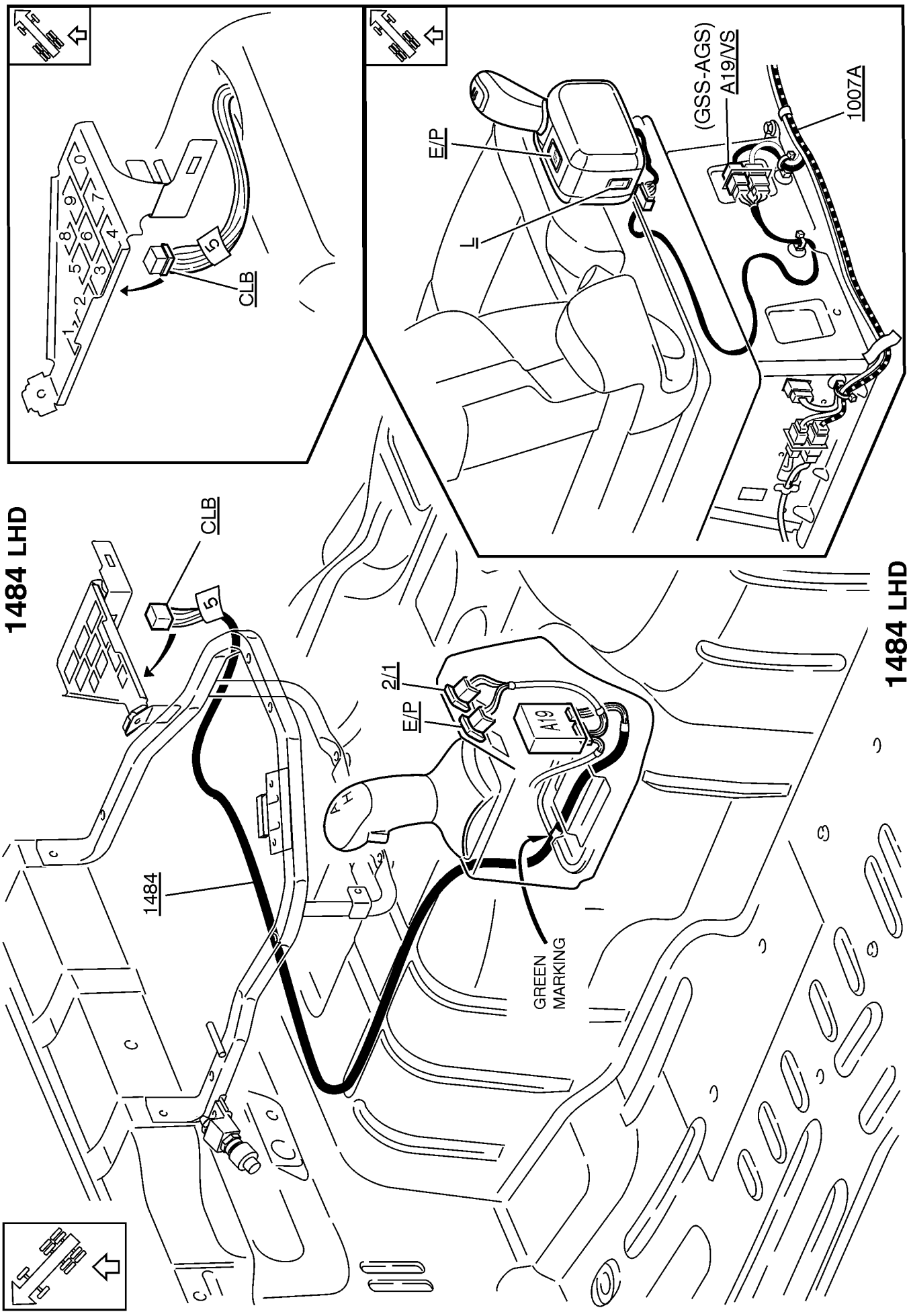


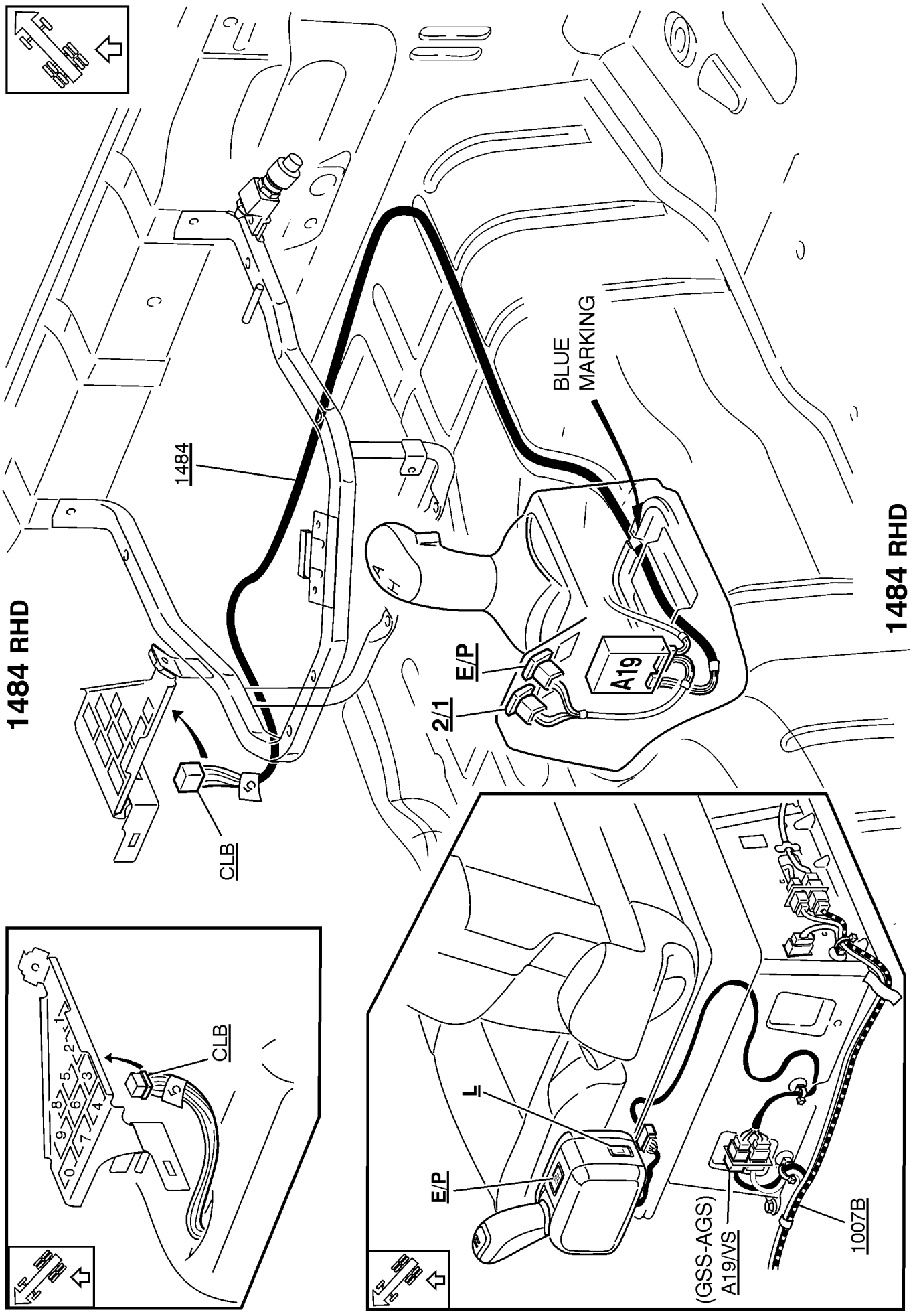


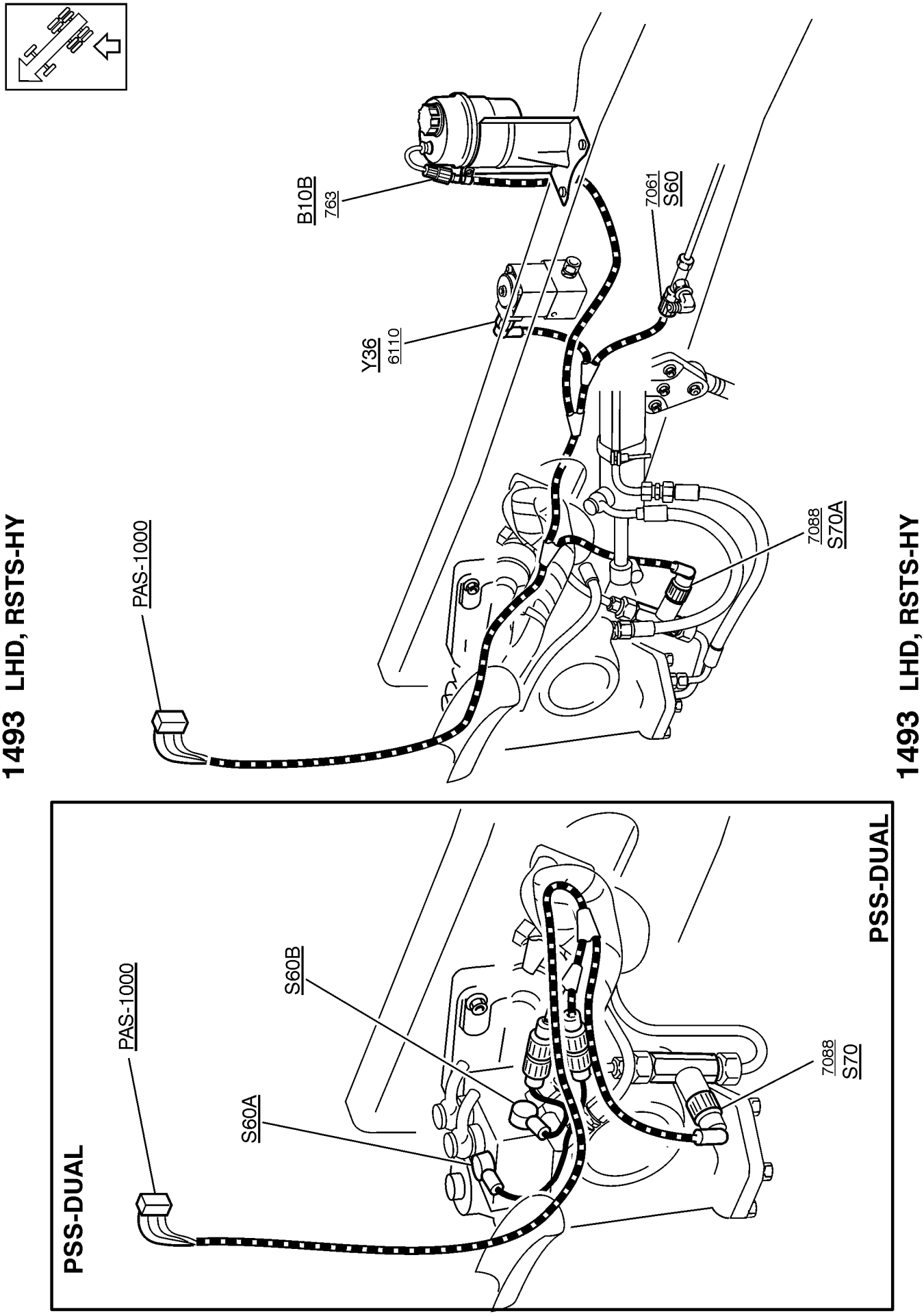
T3017754

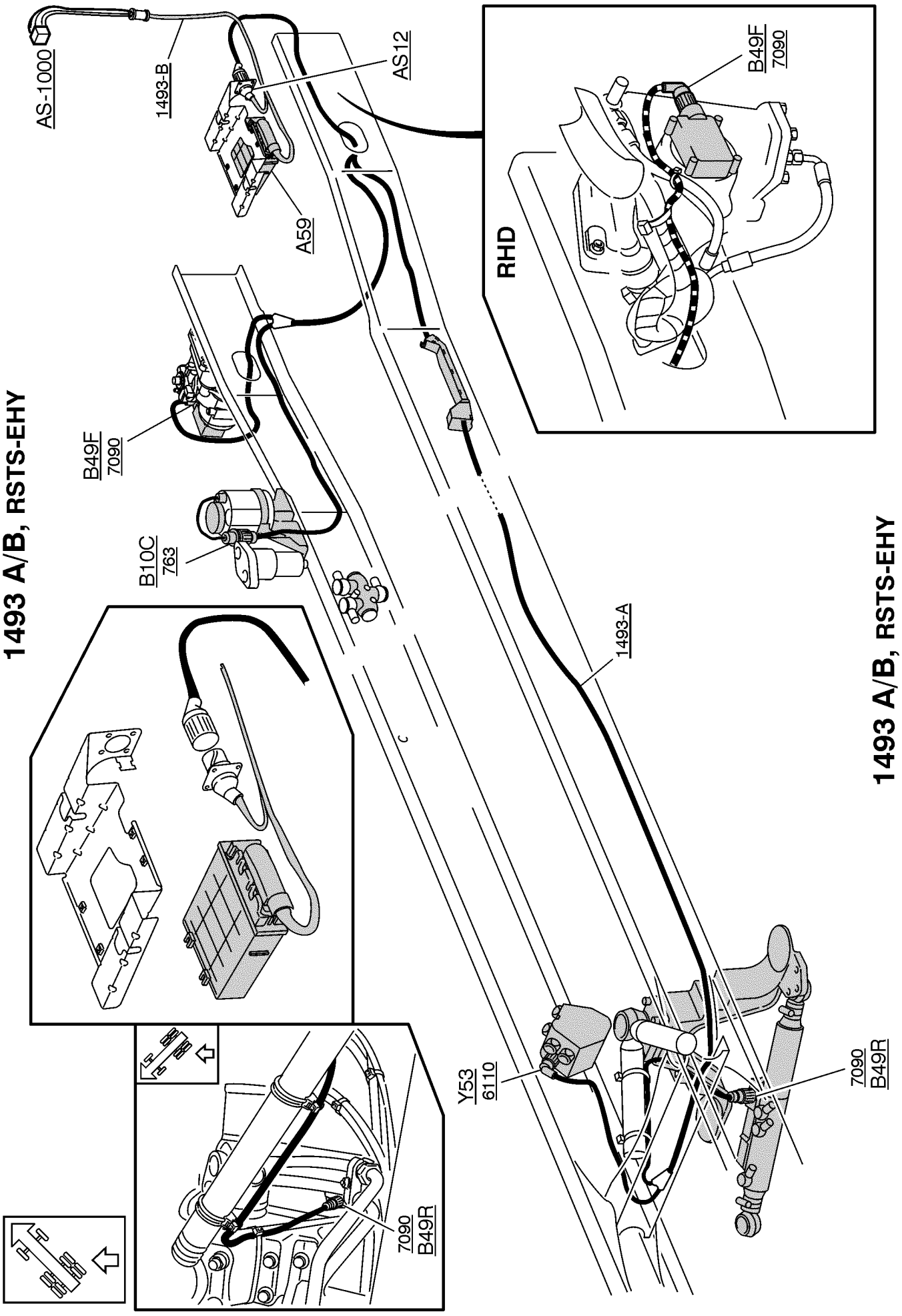

1458
Y08
630
Y09
631
236
S53
237
S54
1458
AWD
1458


LI-1000
1472
9073RR (Tractor)
9073LR (Tractor)
Not in the Wiring Diagrams
TS-1472
1472
1472
Not in the Wiring Diagrams
(Rigid) 9073RF
(Rigid) 9073LF
(Rigid) 9073RR
(Rigid) 9073LR
T3016441

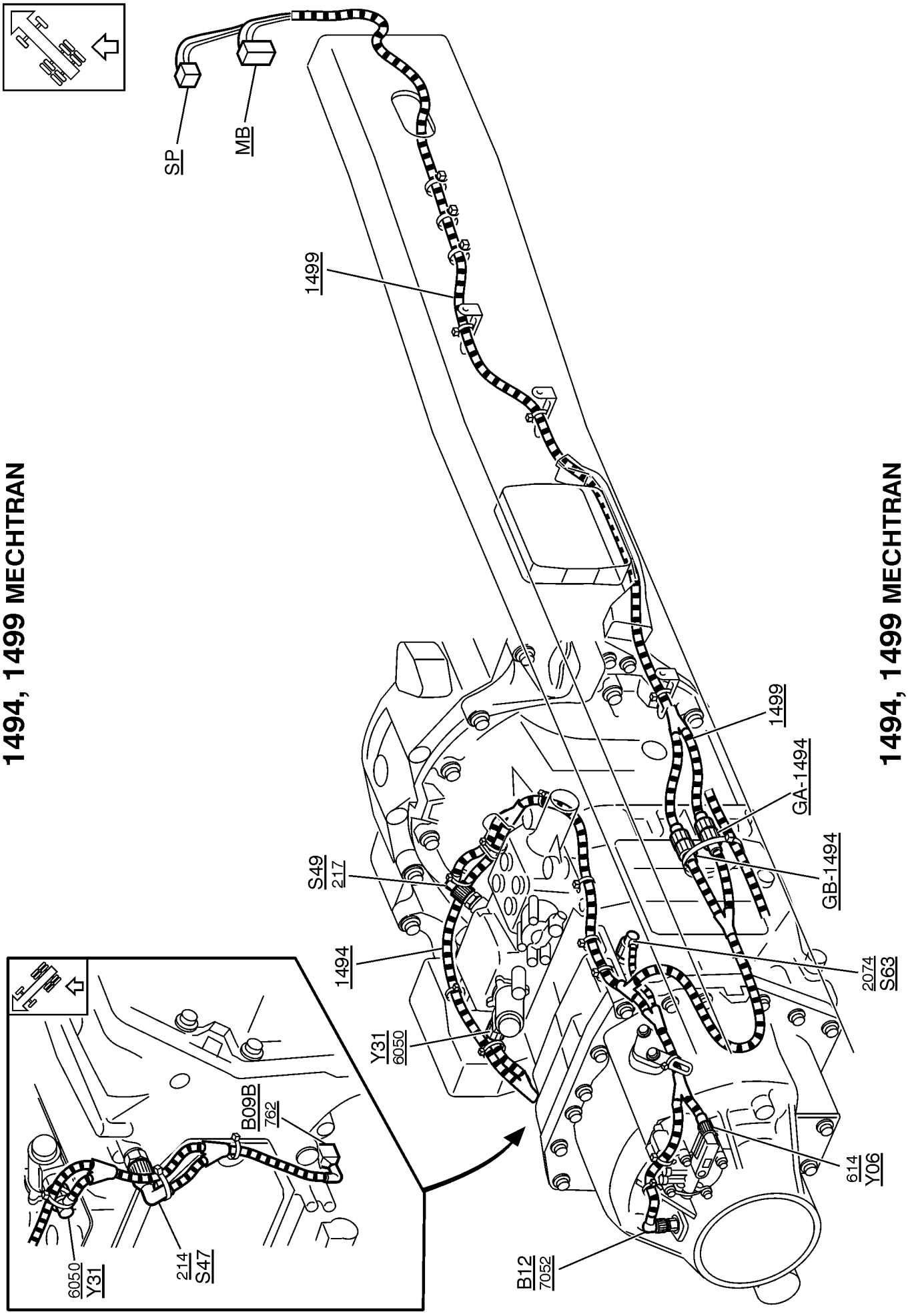

1484 LHD
CLB
5
1484
2/1
E/P
A19
GREEN MARKING
1484 LHD
CLB
1 2 3 4 5 6 7 8 9 0
C
E/P
L
(GSS-AGS) A19/VS
1007A
C

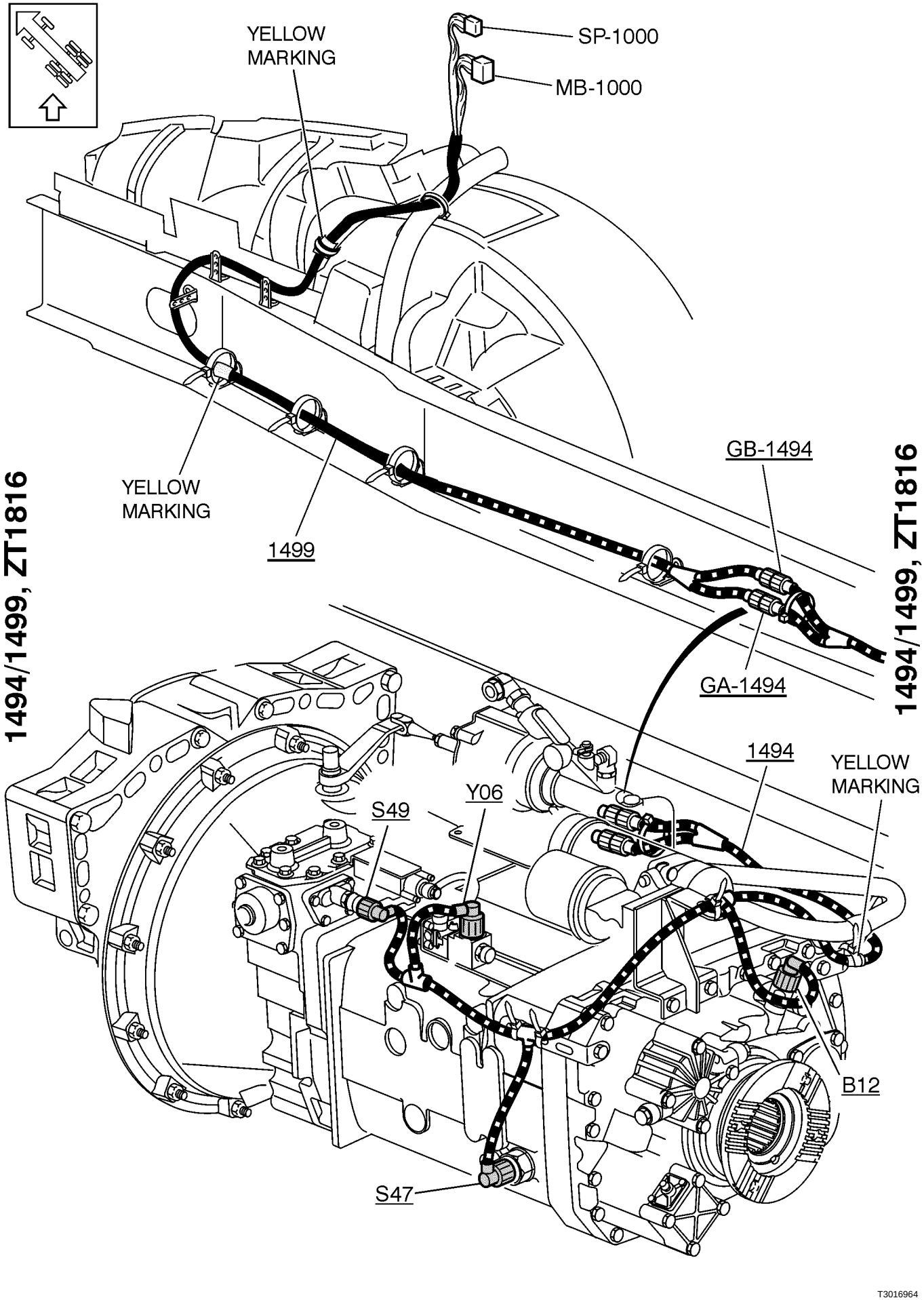

1484 RHD
1484
BLUE MARKING
A19
E/P
2/1
CLB
1484 RHD
CLB
E/P
L
(GSS-AGS) A19/VS
1007B
T3017755

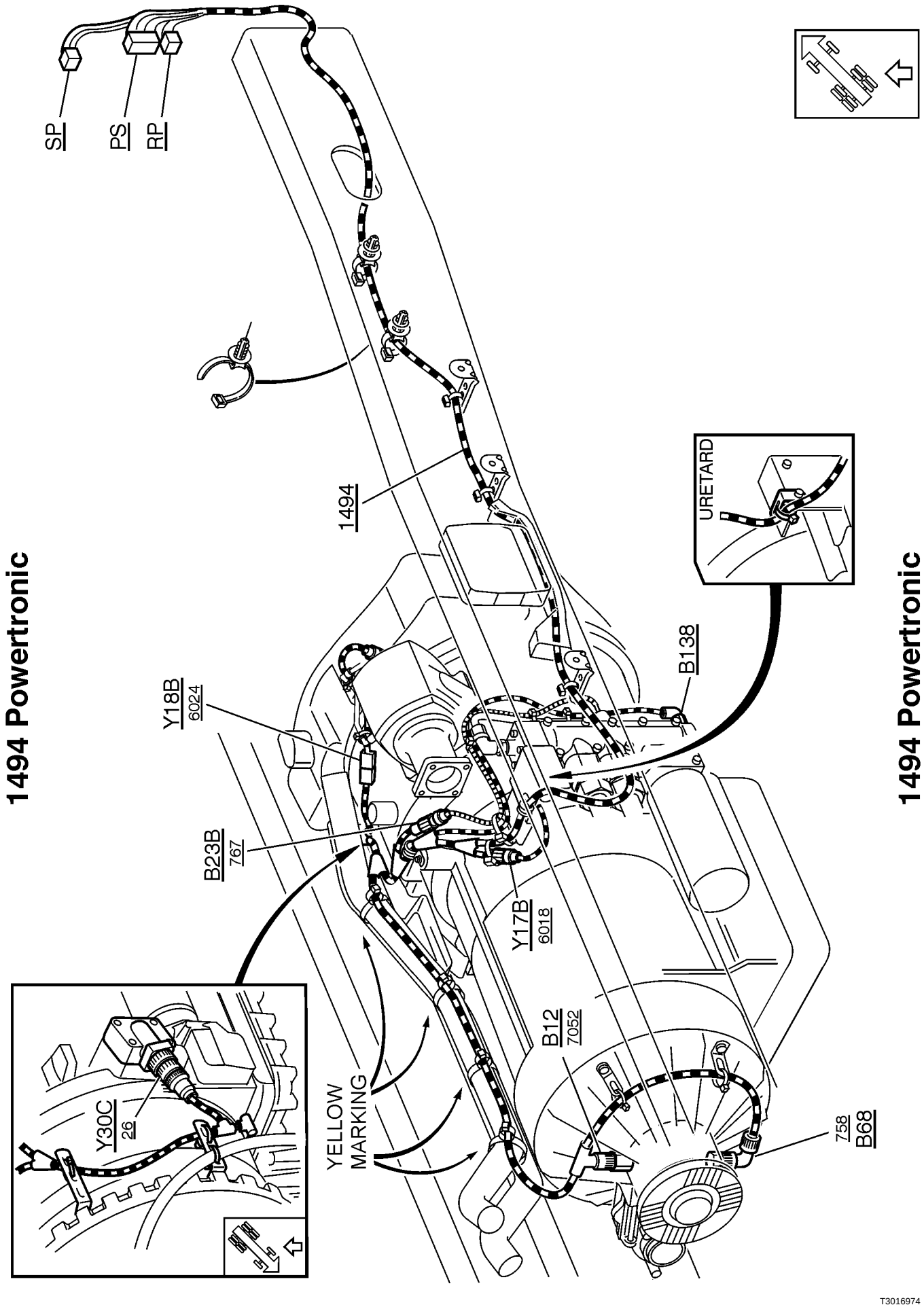

1493 LHD, RSTS-HY
PAS-1000
B10B
763
Y36
6110
7061
S60
7088
S70A
PSS-DUAL
PAS-1000
S60B
S60A
7088
S70
PSS-DUAL
1493 LHD, RSTS-HY

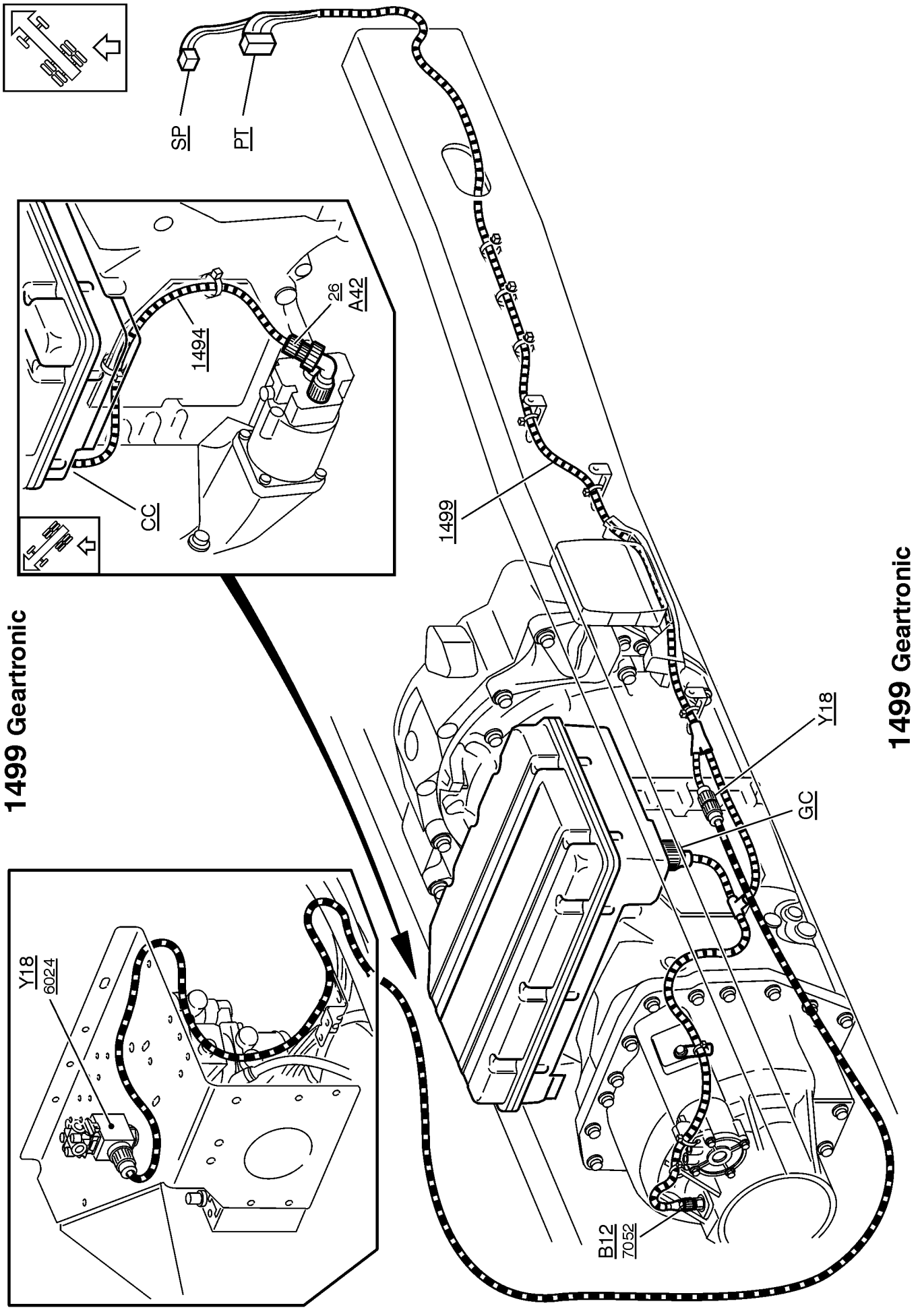

1493 A/B, RSTS-EHY
AS-1000
1493-B
AS12
A59
B49F
7090
B10C
763
RHD
B49F
7090
1493-A
Y53
6110
7090
B49R
7090
B49R
1493 A/B, RSTS-EHY

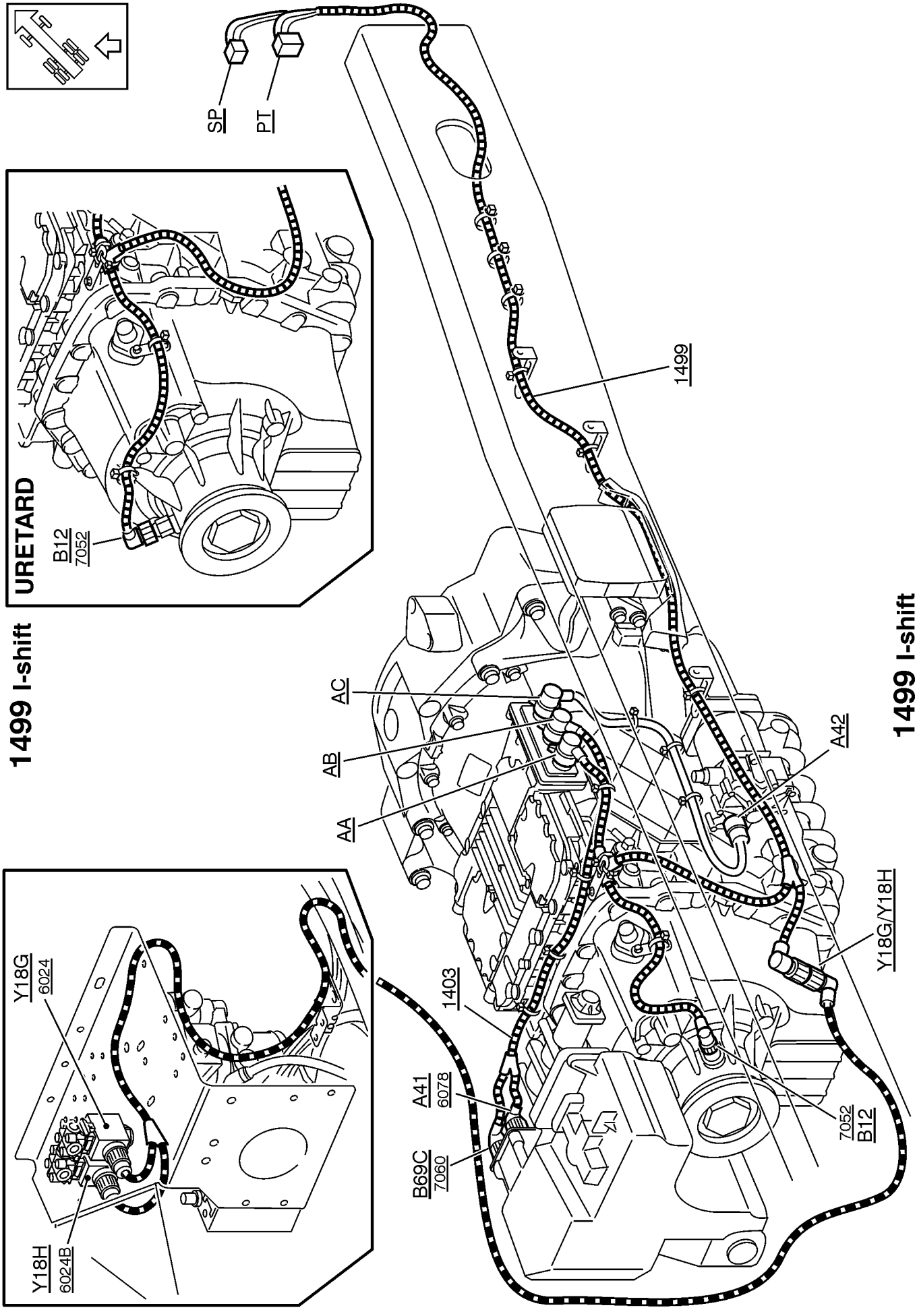
T3017761

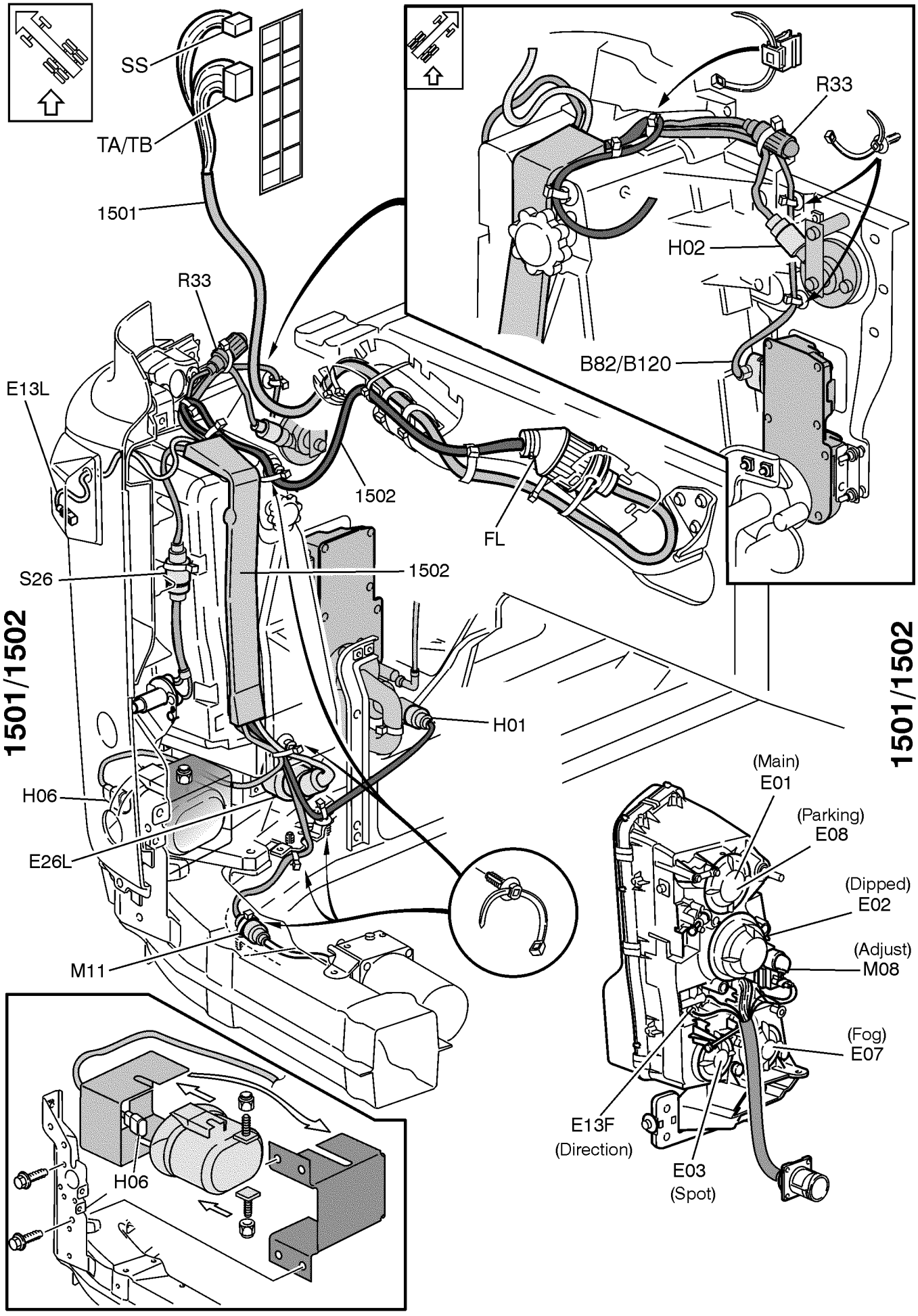

1494, 1499 MECHTRAN
SP
MB
1499
S49
217
1494
Y31
6050
B09B
762
214
S47
6050
Y31
B12
7052
1499
GA-1494
GB-1494
2074
S63
614
Y06
1494, 1499 MECHTRAN


YELLOW
MARKING
SP-1000
MB-1000
YELLOW
MARKING
1499
GB-1494
GA-1494
1494/1499, ZT1816
1494/1499, ZT1816
1494
YELLOW
MARKING
Y06
S49
B12
S47
T3016964

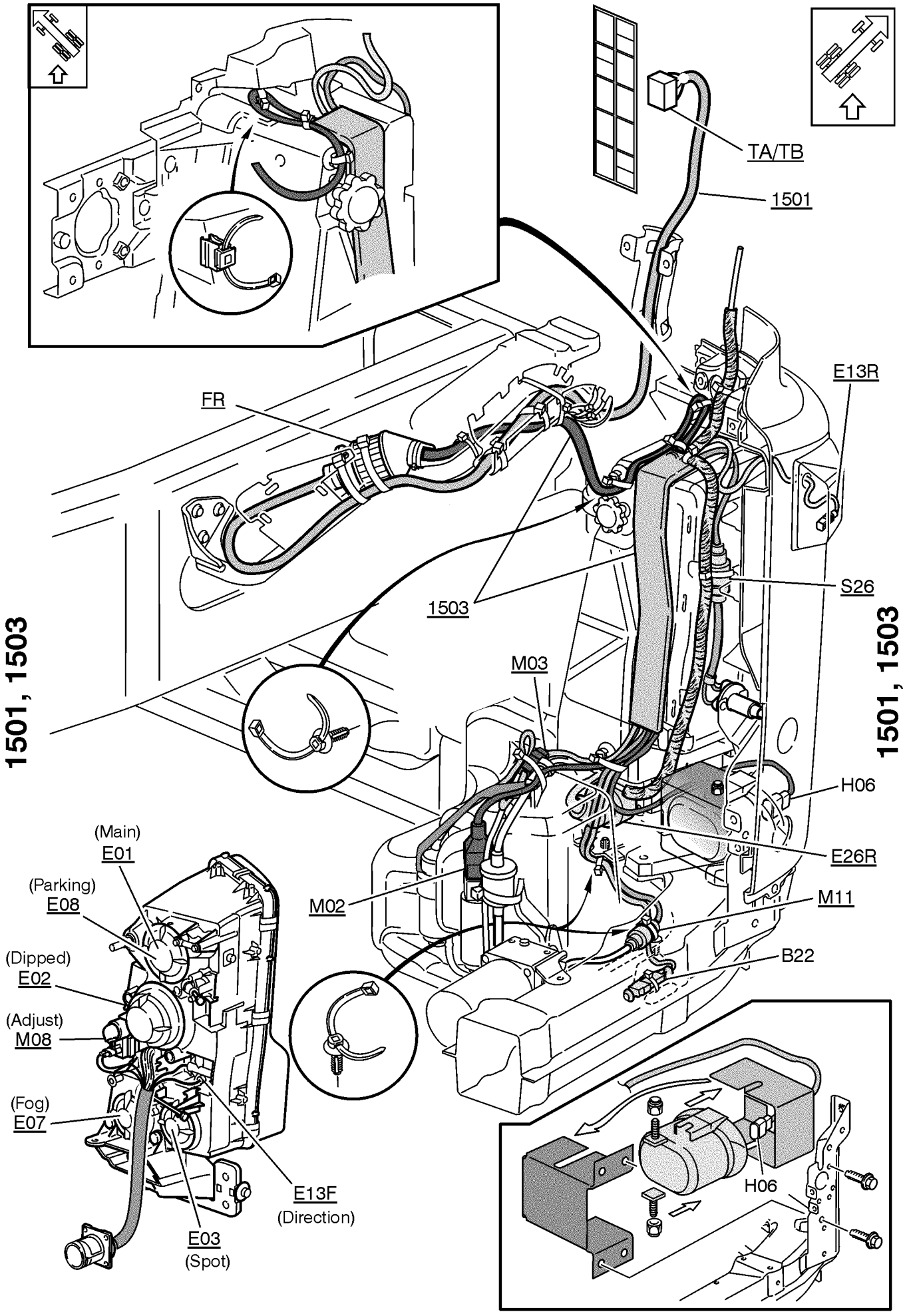

1494 Powertronic
SP
PS
RP
1494
URETARD
B138
Y18B
6024
B23B
767
Y17B
6018
B12
7052
YELLOW
MARKING
758
B68
Y30C
26
1494 Powertronic
T3016974

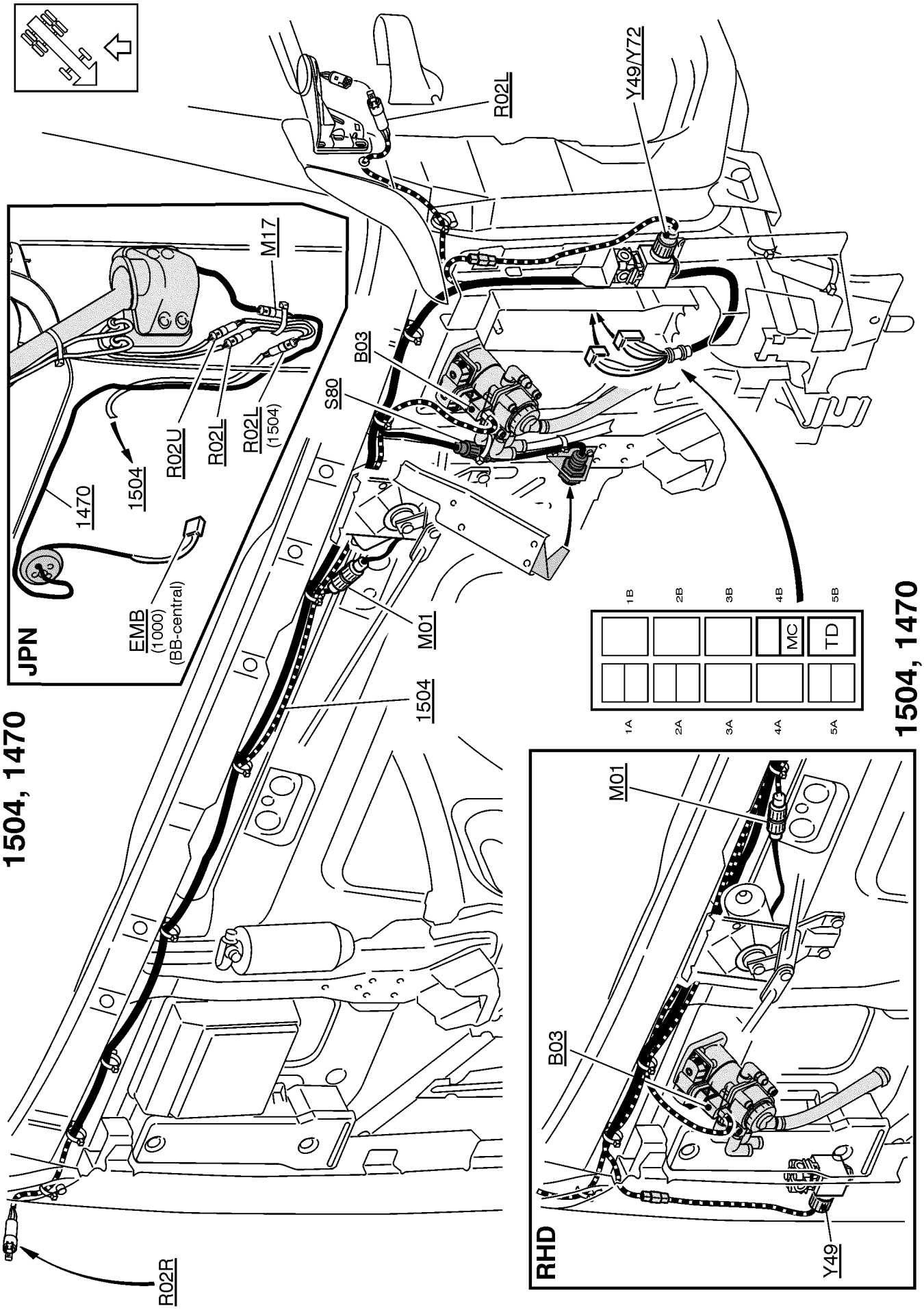

1499 Geartronic
SP
PT
1494
26
A42
CC
1499
Y18
GC
B12
7052
Y18
6024
1499 Geartronic
T3015896


1499 I-shift
URETARD
B12
7052
SP
PT
1499
AC
AB
AA
A42
1499 I-shift
Y18G/Y18H
1403
A41
6078
B69C
7060
7052
B12
Y18G
6024
Y18H
6024B

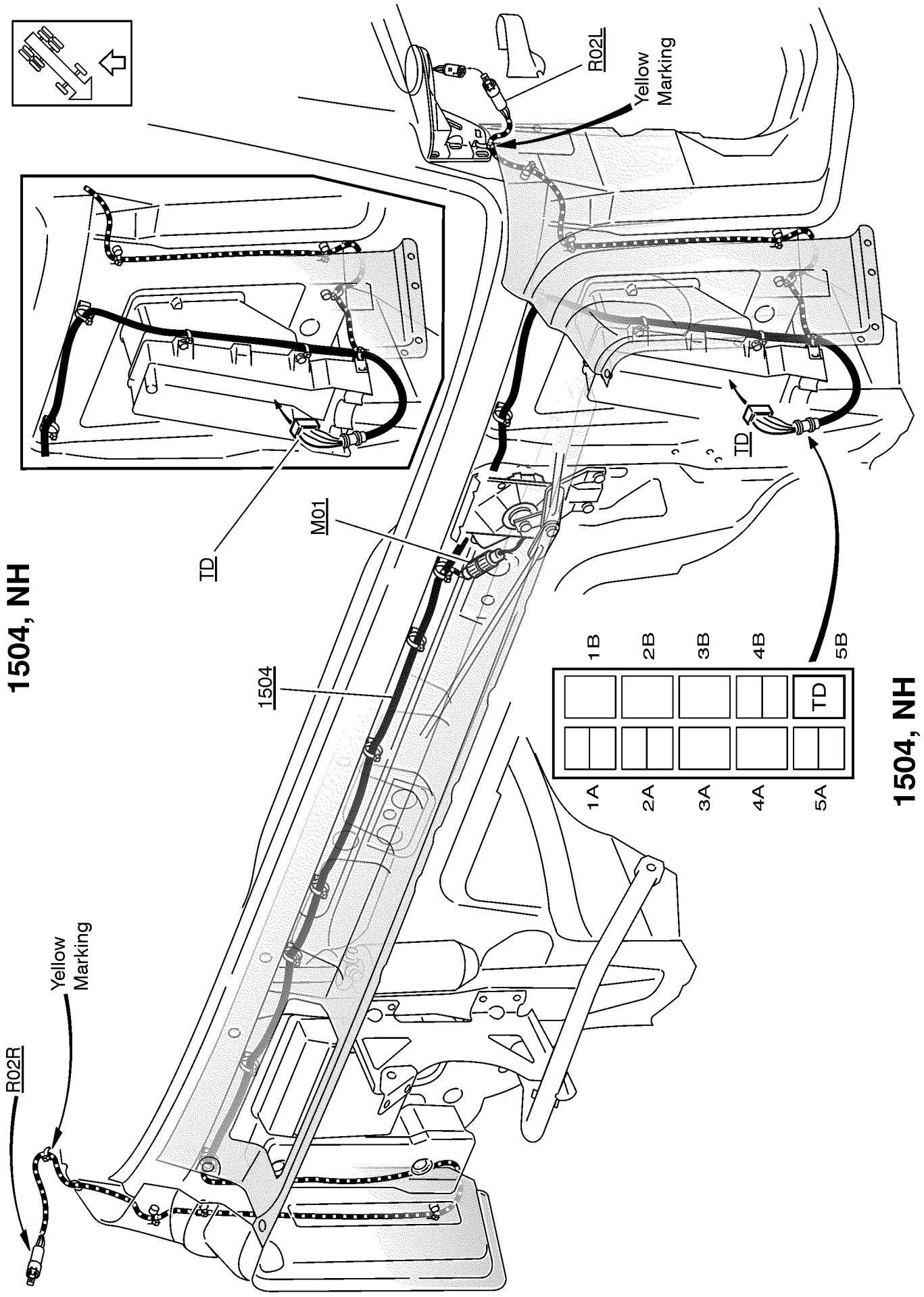

SS
TA/TB
1501
R33
H02
B82/B120
R33
E13L
1502
FL
S26
1502
1501/1502
1501/1502
H01
H06
E26L
M11
(Main)
E01
(Parking)
E08
(Dipped)
E02
(Adjust)
M08
(Fog)
E07
E13F
(Direction)
E03
(Spot)
H06

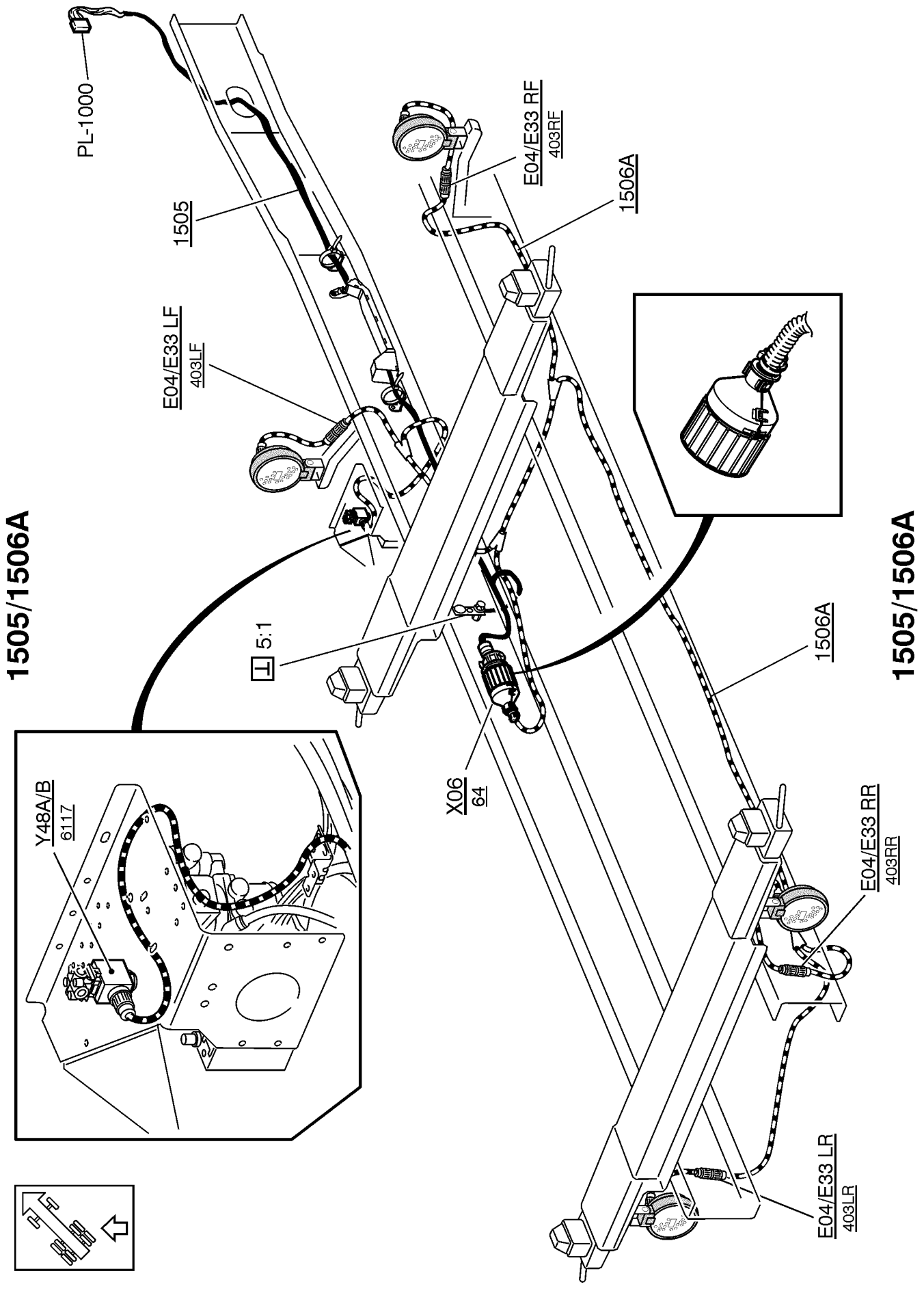
T3017739


TA/TB
1501
E13R
FR
S26
1503
1501, 1503
M03
1501, 1503
H06
E26R
M02
M11
B22
(Main)
E01
(Parking)
E08
(Dipped)
E02
(Adjust)
M08
(Fog)
E07
E13F
(Direction)
E03
(Spot)
H06

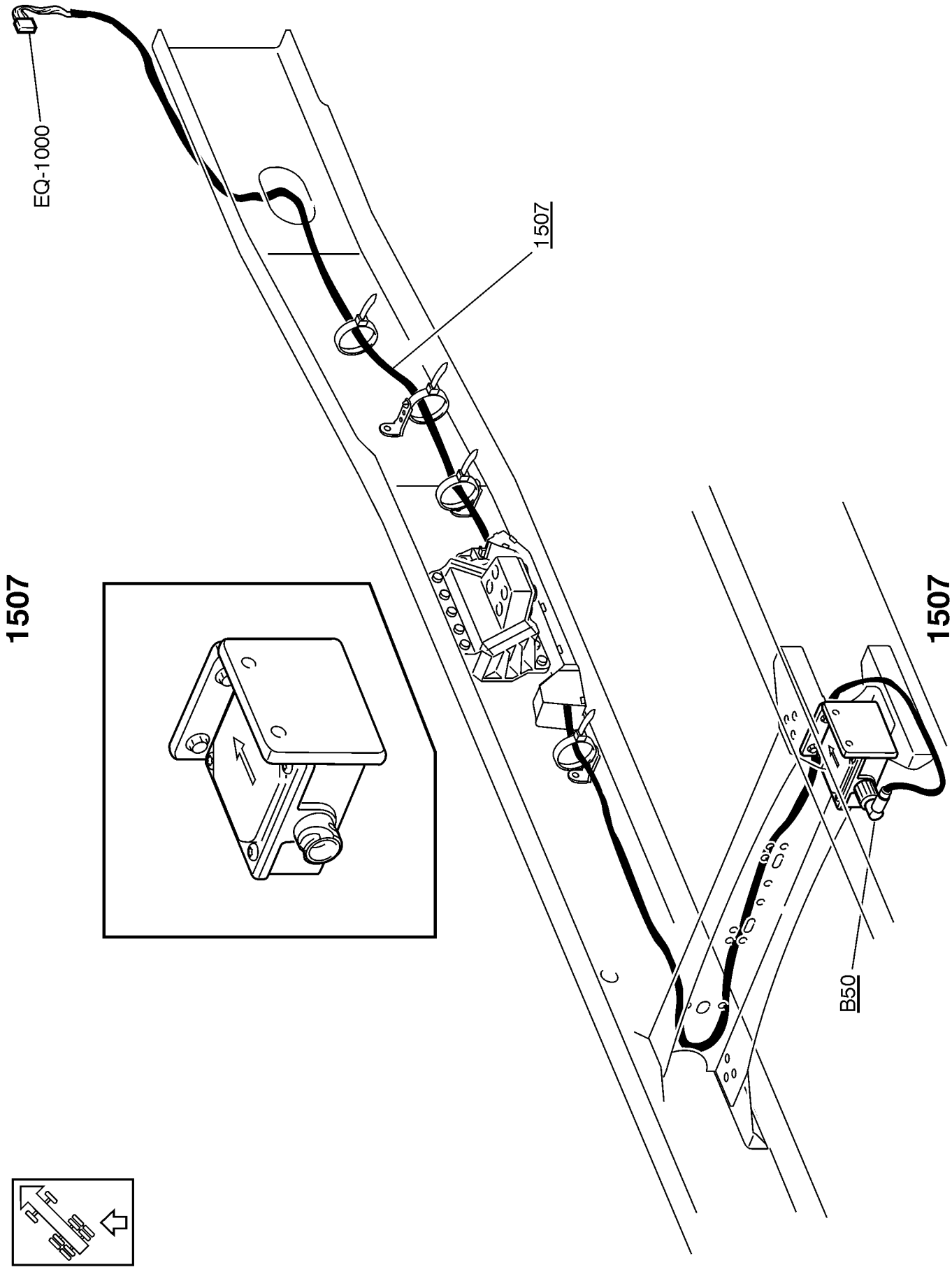

1504, 1470
JPN
M17
1470
1504
R02U
R02L
R02L (1504)
EMB (1000) (BB-central)
R02R
B03
S80
M01
1504
R02L
Y49/Y72
1B
2B
3B
4B
5B
MC
TD
1A
2A
3A
4A
5A
1504, 1470
RHD
M01
B03
Y49

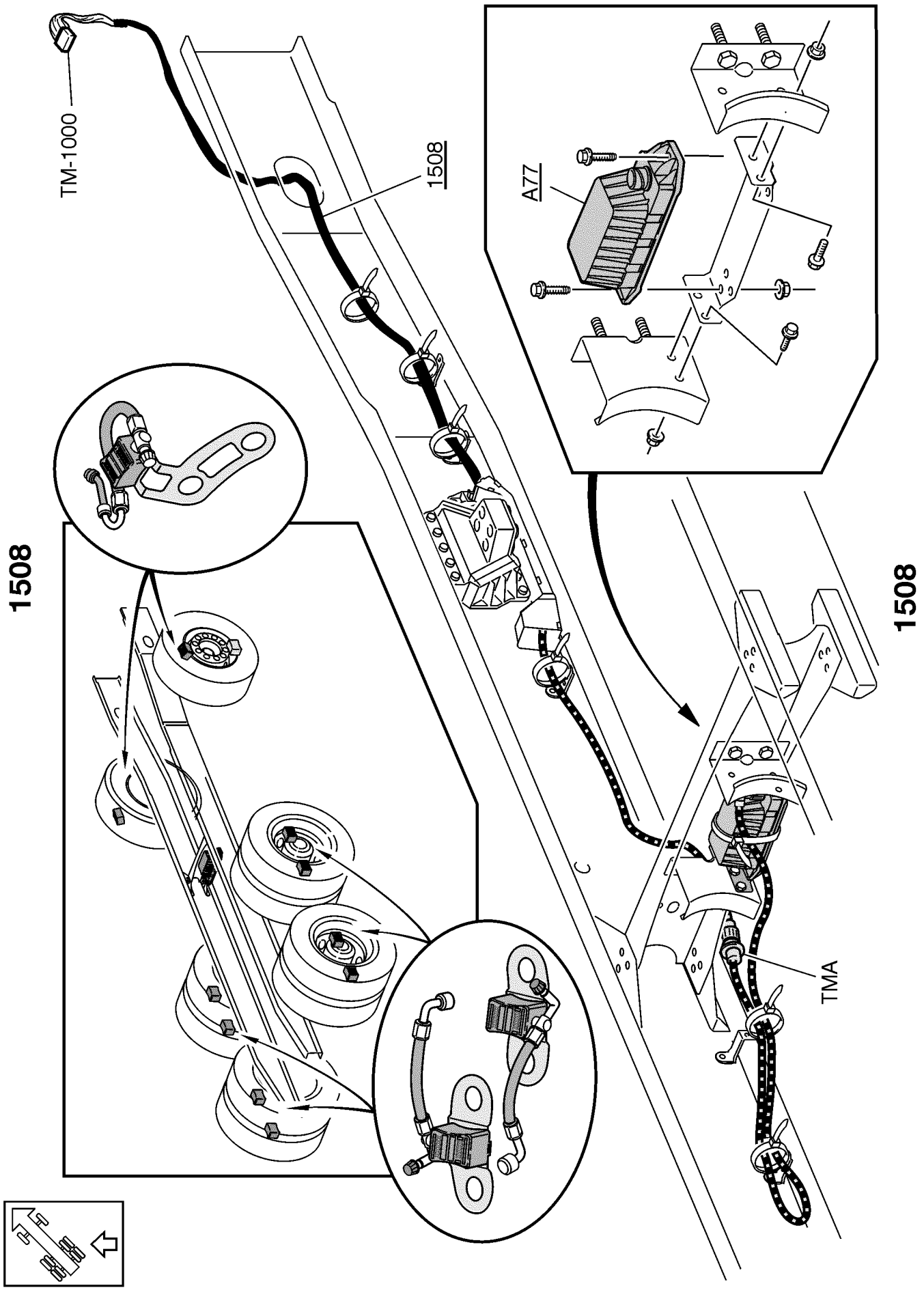
T3016903


1504, NH
R02L
Yellow Marking
TD
M01
TD
1504
1B
2B
3B
4B
5B
TD
1A
2A
3A
4A
5A
1504, NH
Yellow Marking
R02R


PL-1000
1505
E04/E33 LF
403LF
E04/E33 RF
403RF
1506A
1505/1506A
5:1
Y48A/B
6117
X06
64
1506A
E04/E33 RR
403RR
E04/E33 LR
403LR
1505/1506A

T3017741


EQ-1000
1507
1507
1507
B50
T3015902



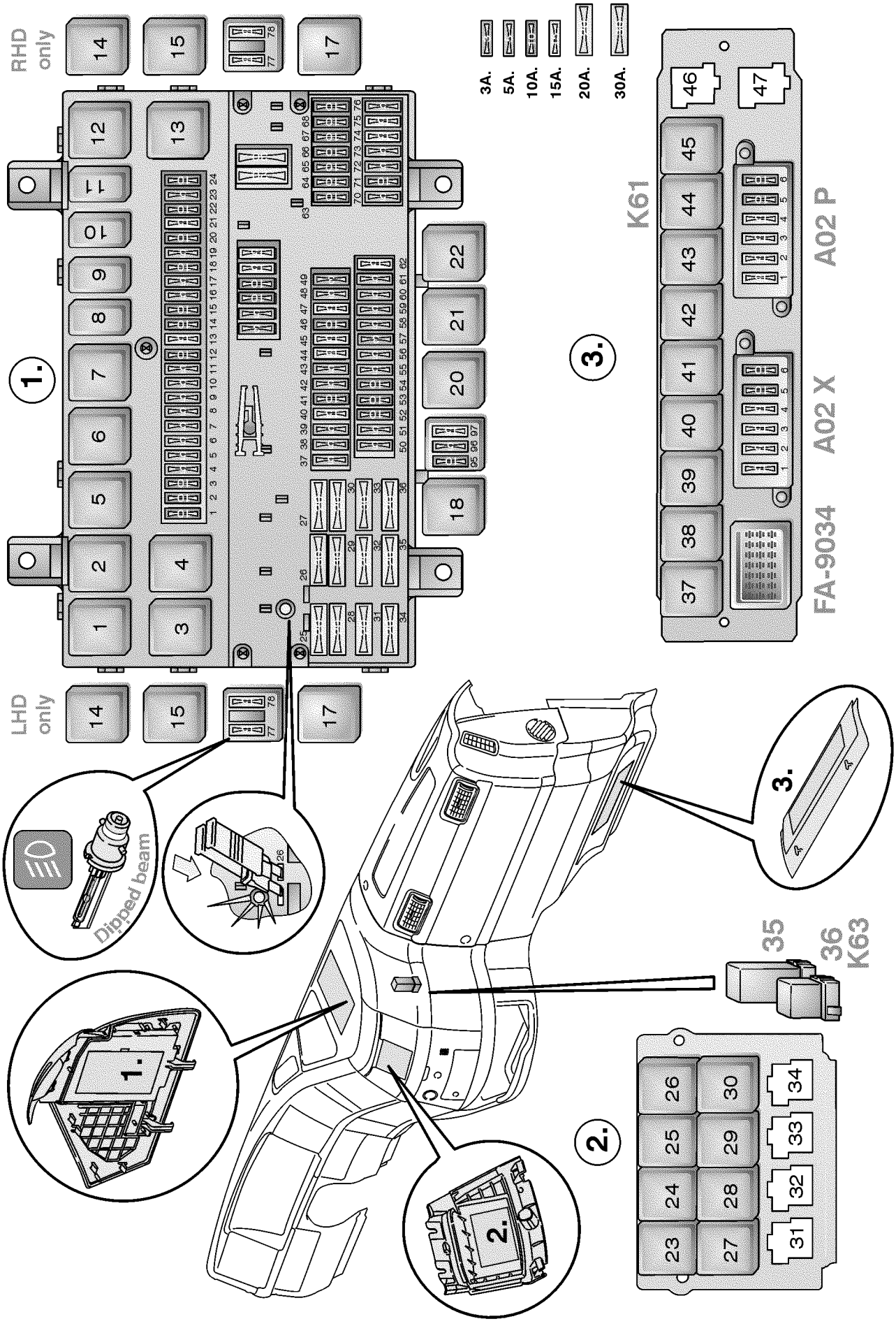
T3017742

Fuses

F1	TPM (Tyre pressure Monitoring)	(OA:2 A)
F2	Luggage compartment illumination	(IH:4 A)
F3	Loadlight, 5:th wheel lamp	(KE:0 A)
F4	Key switch, radiopos.	(AA:3 C)
F5	Instrumentation, (kl.30)	(BI:3 A)
F6	Air dryer	(BA:1 B)
F7	Vehicle ECU, immobiliser	(BA:1 B)
F8	Instrumentation, TPM (Tyre Pressure Monitoring)	(BI:0 A/ OA:2 A)
F9	Range-, area-inhibitors	(BA:0 A)
F10	Electronic controlled air dryer	(FQ:1 A)
F11	Gear selector ECU	(DB:1 B/ DM:0 B)
F12	Transmission ECU/retarder	(DB:1 B/ DM:1 B)
F13	Windscreen wiper	(GM:3 A)
F14	Cigarette lighter, centre section storage lamp	(IQ:2 A)
F15	Water separator, heater and water drain	(CU:0 A)
F16	Differential lock, power take off	(DQ:0 A/ DU:1 A)
F17	LCM control	(GA:0 A)
F18	Horn, solenoid valve for air horn	(GQ:1 A)
F19	Climate unit, FMS gateway	(HG:0 A)
F20	Central locking, parking heater control	(IM:0 A)
F21	Fan, climate unit	(HY:0 A)
F22	Interior lamps	(IH:1 A)
F23	Air suspension	(FA:4 A)
F24	El. heated air dryer, parking heater ADR/TRS, el. heated mirrors	(FQ:0 A)
F25	Supply ABS/EBS trailer	(GG:4 A/ CP:4 A)
F26	Body builder fuse box	(ME:3 B)
F27	El. window winder lhs, el. heated mirrors	(AA:3 B)
F28	Supply ABS/EBS truck	(EE:0 A/ EI:0 A/ EO:2 A)
F29	Coffee maker	(ME:1 A)
F30	El. window winder, rhs	(AC:3 B)
F31	Main fuse for fuses 95–97	(AB:3 A)
F32	ECC climate unit	(HG:0 A)
F33	El. cab tilt	(KA:0 A)
F35	El. adjustable seat	(IA:2 A)
F36	Reverse lamp circuit trailer	(GB:4 D)
F37	Dynafleet	(AC:3 C)
F38	Instep lamps	(AC:3 B)
F39	El. adjustable rear view mirrors	(AC:3 B)
F40	Engine ECU	(CM:1 A)
F41	Engine solenoid valves, el. fuel pump	(CM:3 A)
F42	Engine preheating relay, cooling fan clutch	(CM:2 A)
F43	BBM (body builder module)	(BA:1 A)
F44	Voltage converter for radio, 12V outlet	(IR:0 A)
F45	Supplementary voltage converter, 12V outlet	(IR:1 A)
F46	Beacon warning light	(KM:0 A)
F47	ACC	(BE:2 A)
F48	ABS/EBS, EBS switches	(EE:0 A/ EI:0 A/ EO:0 A)
F49	Air suspension/A-ride/tag axle	(FA:3 A/ FK:1 A/ FI:0 A)
F50	Telephone	(IX:0 A)
F50	Telephone	(IX:0 A)
F51	Hydraulic steered axle	(FO:1 A)
F52	Control circuit engine preheating, radio position relay	(AC:1 A)
F53	Light sign	(KI:1 A)
F54	Dynafleet, FMS gateway	(BU:0 A/ BX:0 A/ BY:1 A)
F55	SRS airbag, safety belt tensioner	(IS:0 A)
F56	Free	(ME:1 A)
F57	Gear selector ECU/retarder	(DB:0 A/ DM:1 B)
F58	ADR/TRS, D+ short circuit relay	(AC:4 A/ AE:3 B)
F59	Rear view camera	(IZ:0 A)
F60	Hydraulic steered axle, ISX-functions (AUS only)	(CP:1 A/ FO:1 A)
F61	Foldable rear view mirror arm, Japan, burglar alarm, Volvo link	(BY:2 A/ IF:0 A)
F62	Free	(ME:0 A)
F63	Free/ISX-functions (AUS only)	(CP:0 A)

F64	Free/ISX-functions (AUS only)	(CP:0 A)
F65	Central lubrication system	(FU:0 A)
F66	Roof hatch	(IQ:0 A)
F67	Reading lamps, bedlamps	(IH:0 A)
F68	Refrigerator	(IQ:3 A)
F69	12-volt outlet	(IR:1 C)
F70	Trailer ABS/EBS, (kl.15)	(CP:4 A/ GG:3 A)
F71	Extra equipment	(ME:1 A)
F72	Headlamp level regulation system	(GU:0 A)
F73	Hydraulic steered axle	(FP:1 A)
F74	Headlamp high-pressure washer	(GM:1 A)
F75	El. heated seat	(IA:0 A)
F76	ADR/TRS, D+ short circuit relay .	(AA:4 B/ (AE:4 B)
F89	Tachograph	(AA:0 B/ AB:3 D) (1435)
F90	12V converter, ABS trailer/info-module	(CP:4 C)
F91	Tachograph, ADR	(AE:0 C)
F93	Main (not main switch dependent)	(AB:3 D)
FM1	Fuse, main, preheating	(AA:1 B/ AE:2 B)
FM2	Fuse, main, bogie lift/extra equipment	(AA:1 B/ AE:1 B)
FM3	Fuse, main, cab and chassis	(AA:1 B/ AE:2 B)
FM4	Fuse, main, light, back-up	(AA:1 B/ AB:1 B/ AE:1 B)

Relays


RHD only
LHD only
1.
2.
3.
3A.
5A.
10A.
15A.
20A.
30A.
K61
A02 P
A02 X
FA-9034
Dipped beam
K63
T3018310

K1	Relay, starting switch, radio position	(AC:3 C)
K2	Relay, EMS (Engine Management System)	(BA:1 A)
K3	Relay, starter motor	(AA:2 B)
K3B	Relay, starter motor, Cummins	(CS:1 C)
K4	Relay, body builder fuse box (kl.15)	(ME:2 A)
K5	Relay, automatic transmission	(DB:1 A/ DM:0 A)
K6	Relay, fan climate unit	(HY:0 B)
K7	Relay, intermittent wiper	(GM:1 C)
K8	Relay, gearbox area inhibitor	(BA:1 A)
K9	Relay, interior lamps	(IH:1 A)
K10	Relay, fifth wheel-, working-light	(KE:0 C)
K11	Relay, air suspension	(FA:4 B)
K12	Relay, reverse light, trailer	(GB:4 D)
K13	Relay, alternator controlled	(AA:4 B)
K14	Time delay relay, bogie lift, A-ride	(FI:1 B/ FK:1 C)
K15	Time delay relay, bogie lift, A-ride, with axle load limiter	(FK:2 C)
K16	Relay, bogie lift, A-ride, with axle load limiter	(FK:1 C)
K18	Relay, hydraulic steered axle	(FP:1 B)
K20	Relay, D+ short-circuit, (ADR-trucks only)	(AE:4 D)
K21	Relay, el. adjustable seat	(IA:2 B)
K22	Relay, climate fan, 1:st speed (by parking heater)	(HY:1 B)
K23	Relay, cab tilt	(KA:0 C)
K24	Relay, central lubrication	(FU:0 B)
K25	Relay, light sign	(KI:1 C)
K26A	Relay, foldable rear view mirror arm, Japan	(IF:0 C)
K26B	Relay, foldable rear view mirror arm, Japan	(IF:1 C)
K27	Relay, gas discharge lamp, dipped beam, lhs	(GD:1 C)
K28	Relay, gas discharge lamp, dipped beam, rhs	(GD:1 C)
K30	Relay, beacon warning light	(KM:0 B)
K35	Relay, headlamp high pressure wash	(GM:0 B)
K37	Relay, parking light	(NA:1 C)
K38	Relay, body builder preparation, pressure sel./switch 2/free	(NA:1 C)
K39	Relay, body builder preparation, plough light, spotlights	(NA:1 C)
K40	Relay, body builder preparation	(NA:2 C)
K41	Relay, body builder preparation, swapbody	(NA:3 C)
K42	Relay, body builder preparation, spotlights/free	(NI:1 B)
K43	Relay, body builder preparation, external start/free	(NC:3 C)
K45	Relay, free reserved for body-builder	(NU:2 B)
K48	Power relay, engine preheating	(CM:2 B)
K49	Power relay, bogie lift motor	(FI:3 B/ FK:3 D)
K51	Power relay, battery main switch	(AA:0 C)
K51A	Power relay, battery main switch	(AB:1 C)
K52	Power relay, ADR battery main switch	(AE:0 B)
K54	Relay, 12V ABS Trailer	(CP:2 D)
K58	Relay, speed limiter, Volvo link	(BY:3 B)
K59	Relay, engine shut off, Volvo link	(BY:4 B)
K60	Relay, trailer lock, Volvo link	(BY:3 D)
K61	Relay, auxiliary reverse light, truck	(NA:0 C)
K63	Relay, ACC Adaptive cruise control	(BE:2 B)

Wiring harness illustration index

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1007	Wiring harness, floor	page 113
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1025	Wiring harness, engine-chassi	page 124
1030	Wiring harness, engine	page 126
1037	Wiring harness, bogie lift	page 129
1040	Wiring harness, frame	page 130
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1056	Wiring harness, air dryer	page 134
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1063	Wiring harness, trailer connections	page 136
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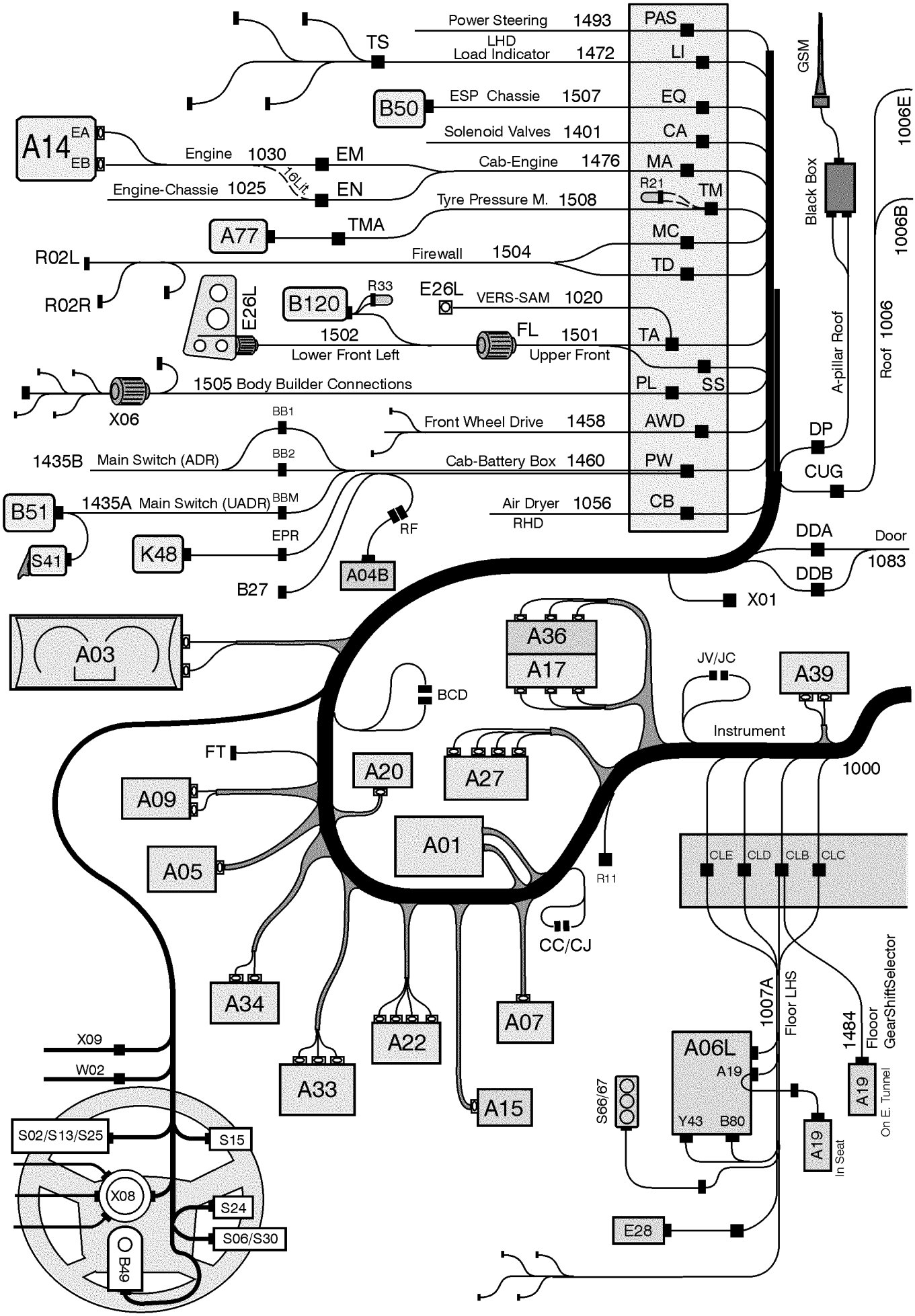
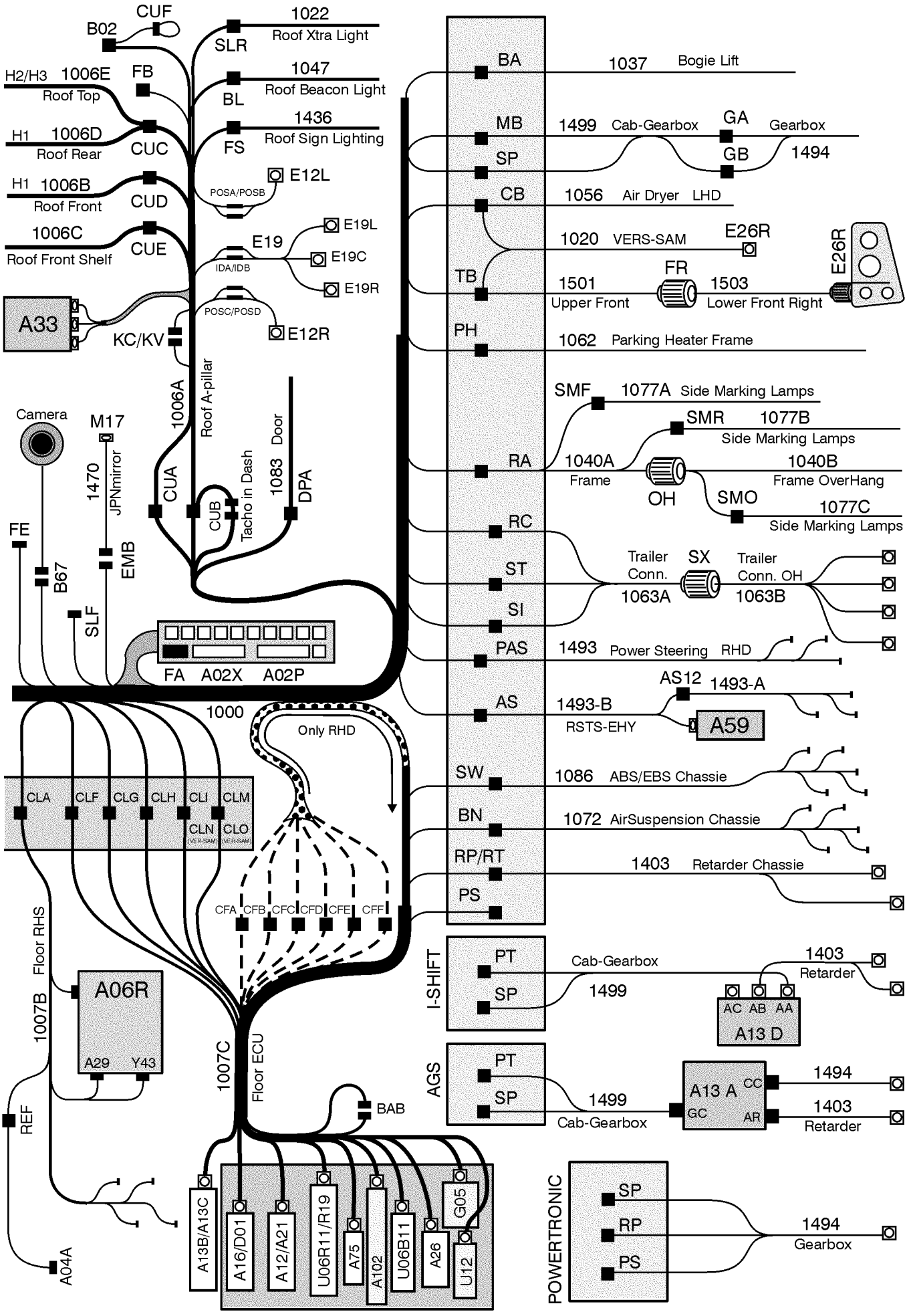
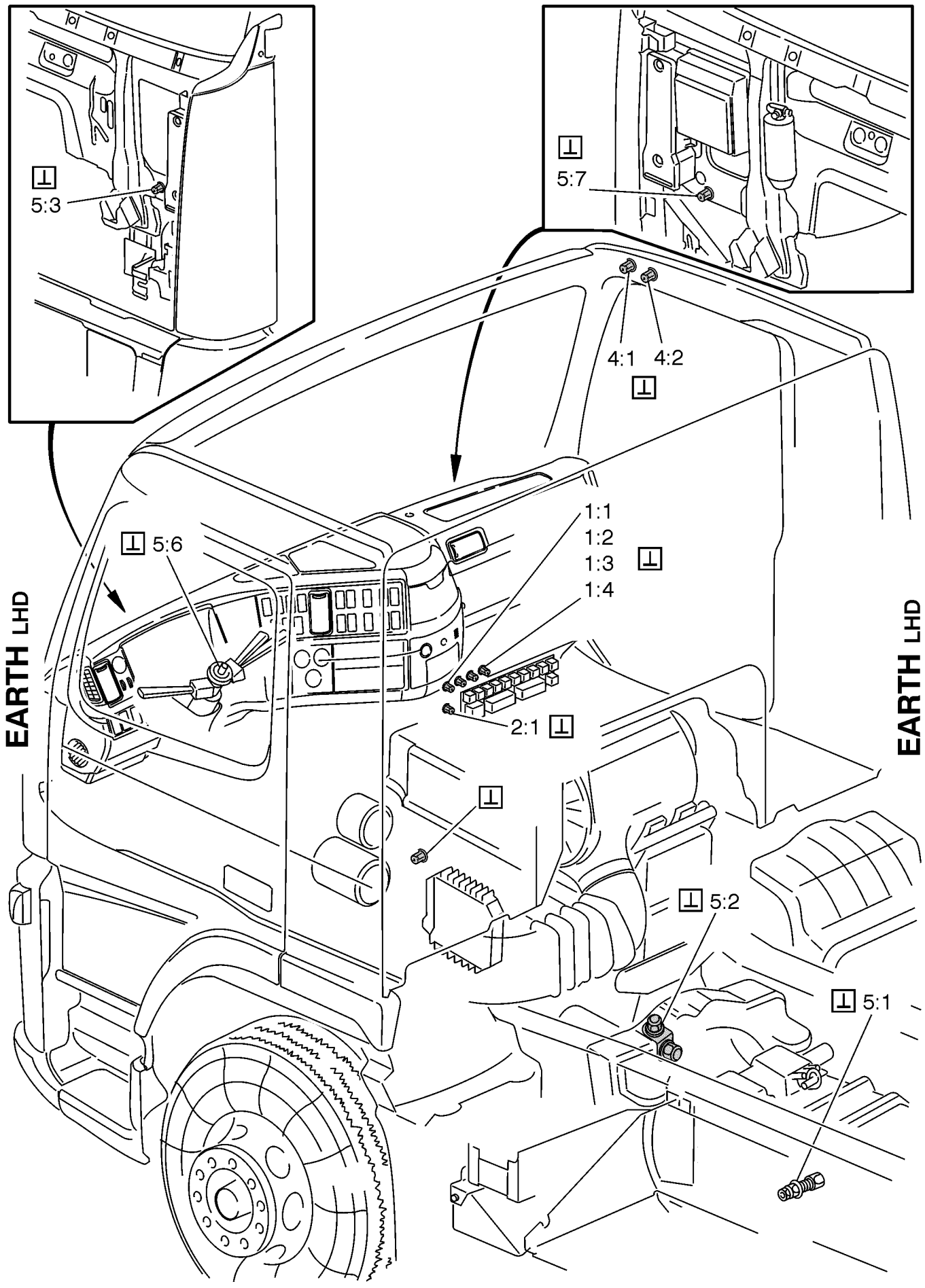
1083	Wiring harness, door	page 141
1086	Wiring harness, ABS chassis	page 143
1401	Wiring harness, solenoid valves	page 147
1403	Wiring harness, retarder	page 149
1435	Wiring harness, main switch	page 150
1436	Wiring harness, roof sign lighting	page 132
1458	Wiring harness, front wheel drive	page 153
1460	Wiring harness, cab-battery box	page 150
1470	Wiring harness, el.operated mirror arch	page 166
1472	Wiring harness, load indicator	page 154
1476	Wiring harness, cab-engine	page 124
1484	Wiring harness, floor gear shift selector	page 155
1493	Wiring harness, power steering	page 157
1494	Wiring harness, gearbox	page 159
1499	Wiring harness, cab-gearbox	page 159
1501	Wiring harness, upper front	page 164
1502	Wiring harness, lower front left	page 164
1503	Wiring harness, lower front right	page 165
1504	Wiring harness, firewall	page 166
1505	Wiring harness, body builder connections	page 168
1506	Wiring harness, demountable (swap-body)	page 168
1507	Wiring harness, ESP chassis	page 169
1508	Wiring harness, TPM	page 170


Power Steering 1493
LHD
Load Indicator 1472
ESP Chassie 1507
Solenoid Valves 1401
Cab-Engine 1476
Tyre Pressure M. 1508
Firewall 1504
VERS-SAM 1020
1502
Lower Front Left
FL 1501
Upper Front
1505 Body Builder Connections
Front Wheel Drive 1458
Cab-Battery Box 1460
Air Dryer 1056
RHD
1435B Main Switch (ADR)
1435A Main Switch (UADR)
Engine 1030
Engine-Chassie 1025
16Lit.
TS
B50
A14
EA
EB
EM
EN
A77
TMA
R02L
R02R
E26L
B120
R33
X06
BB1
BB2
BBM
EPR
RF
B51
S41
K48
B27
A04B
PAS
LI
EQ
CA
MA
TM
R21
MC
TD
TA
SS
PL
AWD
PW
CB
DP
CUG
DDA
DDB
Door
1083
X01
GSM
Black Box
A-pillar Roof
Roof 1006
1006E
1006B
A03
A36
A17
BCD
JV/JC
A39
Instrument
1000
FT
A09
A20
A27
A05
A01
R11
CC/CJ
CLE
CLD
CLB
CLC
A34
A22
A07
A33
A15
X09
W02
S02/S13/S25
S15
X08
S24
S06/S30
B49
S66/67
A06L
A19
Y43
B80
1007A
Floor LHS
1484
Flooor GearShiftSelector
On E. Tunnel
In Seat
E28

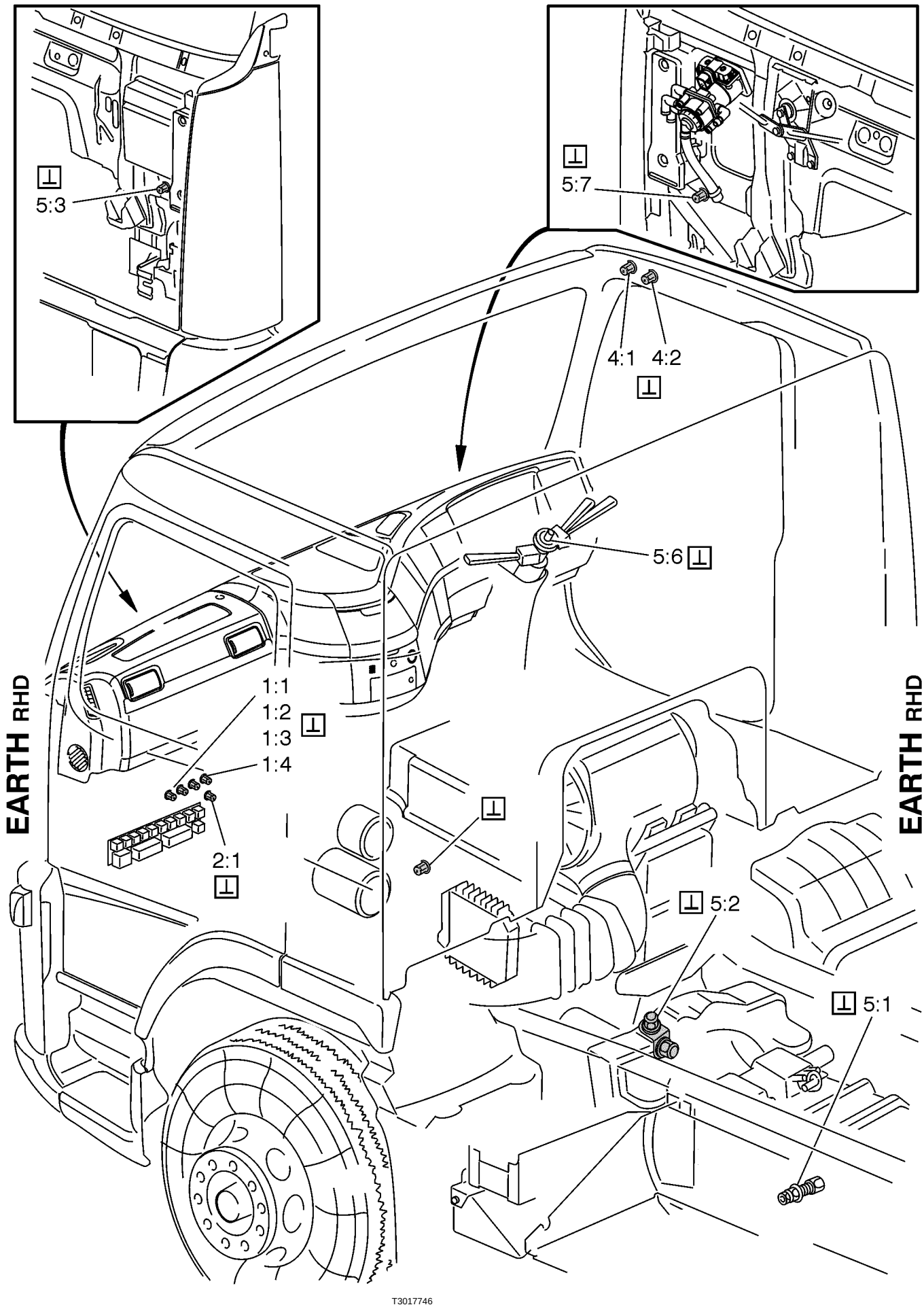
T3018316


CUF
B02
SLR
1022
Roof Xtra Light
H2/H3 1006E
Roof Top
FB
BL
1047
Roof Beacon Light
H1 1006D
Roof Rear
CUC
FS
1436
Roof Sign Lighting
H1 1006B
Roof Front
CUD
E12L
POSA/POSB
1006C
Roof Front Shelf
CUE
E19
E19L
E19C
E19R
IDA/IDB
A33
KC/KV
POSC/POSD
E12R
1006A
Roof A-pillar
Camera
M17
1470
JPNmirror
CUA
CUB
Tacho in Dash
1083
Door
DPA
FE
B67
EMB
SLF
FA A02X A02P
1000
Only RHD
BA
1037
Bogie Lift
MB
1499
Cab-Gearbox
GA
Gearbox
SP
GB
1494
CB
1056
Air Dryer LHD
1020
VERS-SAM
E26R
TB
1501
Upper Front
FR
1503
Lower Front Right
PH
1062
Parking Heater Frame
SMF
1077A
Side Marking Lamps
SMR
1077B
Side Marking Lamps
RA
1040A
Frame
1040B
Frame OverHang
OH
SMO
1077C
Side Marking Lamps
RC
ST
Trailer Conn.
SX
Trailer Conn. OH
1063A
1063B
SI
PAS
1493
Power Steering RHD
AS12
1493-A
AS
1493-B
RSTS-EHY
A59
SW
1086
ABS/EBS Chassie
BN
1072
AirSuspension Chassie
RP/RT
1403
Retarder Chassie
PS
CLA CLF CLG CLH CLI CLM
CLN (VER-SAM) CLO (VER-SAM)
CFA CFB CFC CFD CFE CFF
Floor RHS
1007B
A06R
A29 Y43
1007C
Floor ECU
BAB
REF
A04A
I-SHIFT
PT
SP
Cab-Gearbox
1499
1403
Retarder
AC AB AA
A13 D
AGS
PT
SP
1499
Cab-Gearbox
A13 A
CC
GC
AR
1494
1403
Retarder
A13B/A13C
A16/D01
A12/A21
U06R11/R19
A75
A102
U06B11
A26
G05
U12
POWERTRONIC
SP
RP
PS
1494
Gearbox

Earth connections



T3017745


5:3
5:7
4:1
4:2
5:6
1:1
1:2
1:3
1:4
2:1
5:2
5:1
EARTH RHD
EARTH RHD
T3017746

List of earth connections

1:1	(IR:1 E)	4:1_4	(GA:0 E)	5:2	(AB:1 D)
1:1_A	(IR:1 E)	4:1_4	(IH:1 E)	5:2	(AE:2 E)
1:2_A	(BA:2 E)	4:1_5	(IH:0 E)	5:2	(AE:3 E)
1:2_B	(IS:0 E)	4:2_1	(BN:0 D)	5:3	(AA:3 E)
1:3	(AE:4 E)	4:2_1	(BN:1 D)	5:4	(FI:3 D)
1:4	(AA:3 E)	4:2_2	(HI:0 B)	5:4	(FK:3 E)
1:4	(AC:2 D)	4:2_3	(IQ:1 E)	5:6	(GQ:1 E)
1:4_B	(AA:4 E)	4:2_5	(KM:0 D)	5:7_1	(GE:1 D)
1:4_C	(HZ:1 D)	4:2_6	(NI:3 E)	5:7_2	(GH:2 D)
2:1_A	(CP:4 C)	4:2_7	(NI:4 E)	5:7_3	(GH:2 D)
2:1_C	(NI:0 E)	5:1	(AA:0 E)	5:7_4	(GG:2 C)
2:1_D	(ME:0 B)	5:1	(AB:1 D)	5:9_1	(AA:0 E)
2:1_E	(NA:2 D)	5:1	(AE:0 E)	5:9_1	(AB:1 D)
2:1_F	(BE:4 E)	5:1_1	(NA:4 D)	5:9_1	(AE:0 E)
4:1_1	(GA:1 E)	5:1_2	(NA:4 D)	5:9_2	(AA:0 E)
4:1_1	(GA:4 E)	5:2	(AA:0 E)	5:9_3	(AB:1 D)
4:1_2	(KI:2 B)	5:2	(AA:2 E)	5:9_7	(AE:0 E)
4:1_3	(KI:1 E)	5:2	(AA:3 E)		

List of connectors

ADR1:1	(AE:1 C)	BAB:15	(XB:1 D)	CA:1	(DQ:0 D)
ADR1:2	(AE:1 C)	BAB:16	(XB:3 D)	CA:2	(GB:3 B)
ADR2:1	(AE:1 C)	BAB:17	(XB:4 D)	CA:3	(DU:1 C)
ADR2:2	(AE:1 C)	BAB:18	(XB:1 D)	CA:4	(DQ:0 C)
ADR3:1	(AE:2 C)	BB1:2	(AE:1 D)	CA:5	(GB:3 B)
ADR3:2	(AE:2 C)	BB1:3	(AE:1 D)	CA:6	(EO:3 B)
ADR4:1	(AE:2 C)	BB1:4	(AE:1 D)	CA:9	(DU:1 C)
ADR4:2	(AE:2 C)	BB1:5	(AE:2 D)	CA:10	(EO:3 B)
AR:1	(DE:1 D)	BB1:6	(AE:2 D)	CA:11	(EO:3 B)
AR:2	(DE:0 C)	BB2:1	(AE:1 A)	CA:12	(EO:3 B)
AR:3	(DE:0 C)	BB2:2	(AE:1 D)	CA:13	(EO:3 B)
AR:4	(DE:0 C)	BB2:3	(AE:1 D)	CA:14	(EO:3 B)
AR:5	(DE:1 C)	BB2:4	(AE:0 D)	CA:15	(EO:3 B)
AR:6	(DE:1 C)	BB3:1	(AB:1 B)	CA:16	(DU:1 D)
AR:7	(DE:1 C)	BB3:2	(AB:3 C)	CA:17	(FU:0 C)
AS:1	(FO:1 C)	BB3:3	(AB:1 D)	CA:18	(FU:0 D)
AS:2	(FO:1 C)	BB3:4	(AB:0 B)	CA:19	(NC:0 C)
AS:4	(FO:1 B)	BB3:5	(AB:3 C)	CA:19	(NU:0 C)
AS:5	(FO:1 B)	BB3:6	(AB:1 B)	CA:20	(NC:1 C)
AS:6	(FO:2 B)	BBM:1	(AA:1 B)	CA:20	(NU:1 C)
AS:7	(FO:3 B)	BBM:2	(AA:0 B)	CB:1	(FQ:0 B)
AS:8	(FO:3 B)	BBM:3	(AA:1 C)	CB:2	(FQ:0 D)
AS:9	(FO:1 E)	BCD:1	(XA:2 B)	CB:3	(BA:0 D)
AS12:1	(FO:3 C)	BCD:2	(XA:3 B)	CB:3	(FQ:2 B)
AS12:2	(FO:3 C)	BCD:3	(XB:0 B)	CB:4	(BA:0 D)
AS12:3	(FO:3 C)	BCD:4	(XA:2 B)	CB:5	(FQ:2 D)
AS12:4	(FO:3 C)	BCD:5	(XA:2 B)	CB:6	(FQ:2 D)
AS12:5	(FO:2 C)	BCD:6	(IS:2 D)	CC/CJ:1	(IZ:2 B)
AS12:6	(FO:2 C)	BCD:7	(XA:3 B)	CC/CJ:2	(IZ:2 B)
AS12:7	(FO:2 C)	BCD:8	(XA:3 B)	CC/CJ:3	(IZ:1 A)
AS12:8	(FO:2 C)	BCD:9	(XB:0 B)	CC/CJ:4	(IZ:1 B)
AS12:9	(FO:1 C)	BCD:10	(XA:3 B)	CC/CJ:5	(IX:2 A)
AS12:10	(FO:0 B)	BCD:11	(XA:4 B)	CC:1	(DE:3 D)
AS12:11	(FO:0 B)	BCD:12	(IS:2 D)	CC:3	(DE:3 C)
AS12:12	(FO:1 D)	BCD:13	(XA:2 B)	CC:4	(DE:2 C)
AWD:3	(DU:2 C)	BCD:14	(XA:4 B)	CC:5	(DE:3 C)
AWD:4	(DU:2 C)	BCD:15	(XB:0 C)	CC:6	(DE:2 C)
AWD:5	(DU:4 C)	BCD:16	(XB:0 C)	CC:9	(DE:2 C)
AWD:6	(DU:4 C)	BL:1	(KM:0 C)	CC:10	(DE:2 C)
AWD:8	(DU:2 D)	BL:3	(KM:0 D)	CC:11	(DE:2 C)
B07_1:1	(BI:2 C)	BL_2:1	(KM:1 D)	CC:12	(DE:2 D)
B07_1:2	(BI:2 D)	BL_2:2	(KM:1 D)	CE:1	(CP:1 A)
BA:1	(FI:1 C)	BL:3:1	(KM:0 C)	CE:2	(CP:1 A)
BA:1	(FK:1 D)	BN:1	(FA:1 A)	CE:3	(CP:1 A)
BA:2	(FI:2 C)	BN:2	(FA:1 D)	CE:4	(CP:1 A)
BA:2	(FK:3 D)	BN:3	(FA:1 D)	CE:5	(CP:1 A)
BA:3	(FI:0 C)	BN:4	(FA:2 D)	CE:6	(CP:1 A)
BA:3	(FK:0 D)	BN:5	(FA:0 B)	CE:7	(CP:1 A)
BA:5	(FK:1 D)	BN:6	(FA:1 B)	CFB:16	(FG:2 C)
BA:7	(FI:3 B)	BN:7	(FA:1 B)	CFB:18	(FG:2 C)
BA:7	(FK:3 C)	BN:8	(FA:2 D)	CFD:1	(DM:3 C)
BA:8	(FK:1 D)	BN:9	(FA:0 B)	CFD:2	(DM:2 C)
BAB:1	(XA:4 D)	BN:10	(FA:1 D)	CFD:3	(DM:2 C)
BAB:2	(XA:2 D)	BN:11	(FA:1 B)	CFD:4	(DM:2 C)
BAB:3	(XA:3 D)	BN:12	(FA:1 B)	CFD:5	(DM:2 C)
BAB:4	(XA:2 D)	BN:13	(FA:1 B)	CFD:6	(DM:3 C)
BAB:5	(XA:3 D)	BN:14	(FA:0 D)	CFD:7	(DM:3 C)
BAB:6	(XA:2 D)	BN:15	(FA:1 D)	CFE:1	(FG:1 C)
BAB:7	(XB:3 D)	BN:16	(FA:1 D)	CFE:2	(FG:2 C)
BAB:8	(XA:3 C)	BN:16	(FG:1 C)	CFE:3	(FG:2 C)
BAB:9	(XA:2 C)	BN:17	(FA:1 D)	CFE:4	(FG:2 C)
BAB:10	(XB:3 D)	BN:18	(FA:1 D)	CFE:5	(FG:2 C)
BAB:11	(XB:2 D)	BN:18	(FG:0 C)	CFE:6	(FG:2 C)
BAB:12	(XB:2 D)	BN:19	(FA:0 D)	CFF:1	(CP:4 B)
BAB:13	(XB:3 D)	BN:20	(FA:0 D)	CFF:2	(CP:3 B)
BAB:14	(XB:1 D)	BN:21	(FM:0 C)	CFF:3	(CP:3 B)

CFF:4 (CP:4 C)
CFF:5 (CP:3 C)
CFF_2:1 (CP:4 B)
CFF_2:2 (CP:4 B)
CFF_2:3 (CP:3 B)
CFF_2:4 (CP:4 C)
CFF_2:5 (CP:3 C)
CLA:1 (IA:0 B)
CLA:2 (IA:1 B)
CLA:3 (BI:1 C)
CLA:4 (IA:0 D)
CLA:5 (IH:4 D)
CLA:6 (BI:3 D)
CLA:7 (BY:2 D)
CLA:7 (NK:0 D)
CLA:9 (AE:2 C)
CLA:10 (AE:2 C)
CLA:11 (AE:2 C)
CLA:12 (AE:2 C)
CLA:16 (IS:3 C)
CLA:17 (IS:3 C)
CLA:19 (IQ:3 C)
CLA:20 (BI:3 D)
CLA:21 (IQ:3 D)
CLB:1 (DB:1 C)
CLB:1 (DB:2 C)
CLB:2 (DB:1 C)
CLB:2 (DB:2 C)
CLB:3 (DB:0 C)
CLB:3 (DB:3 C)
CLB:4 (DB:0 C)
CLB:4 (DB:3 C)
CLB:5 (DB:0 B)
CLB:5 (XB:2 E)
CLB:6 (DB:0 B)
CLB:6 (XB:2 E)
CLB:7 (DB:0 D)
CLB:7 (DB:3 D)
CLB:8 (DB:0 D)
CLB:9 (DB:0 C)
CLB:9 (DB:2 C)
CLB:11 (DB:3 C)
CLB:12 (DB:3 C)
CLB:15 (DB:1 D)
CLB:15 (DB:2 D)
CLC:1 (HI:0 C)
CLC:2 (HI:0 C)
CLC:3 (HI:0 C)
CLC:4 (HI:2 C)
CLC:6 (HI:2 C)
CLC:7 (HI:3 C)
CLC:8 (HI:1 C)
CLC:9 (HI:1 C)
CLC:10 (HI:4 C)
CLC:11 (HI:3 C)
CLC:12 (HI:2 C)
CLD:1 (IX:0 C)
CLD:2 (IX:0 C)
CLD:3 (IX:1 C)
CLD:4 (IX:1 C)
CLE:1 (IA:1 B)
CLE:2 (IA:3 B)
CLE:3 (BI:1 C)
CLE:4 (IA:1 E)
CLE:5 (IH:4 D)
CLE:6 (BI:3 C)
CLE:7 (BY:2 D)
CLE:7 (NK:0 D)
CLE:8 (IH:4 C)
CLE:9 (AE:1 C)
CLE:9 (FA:2 D)
CLE:10 (AE:1 C)
CLE:10 (FA:2 D)
CLE:11 (AE:1 C)
CLE:11 (FA:2 D)
CLE:12 (AE:1 C)
CLE:12 (FA:2 D)
CLE:13 (FA:3 D)
CLE:14 (FA:3 D)
CLE:15 (FA:3 D)
CLE:16 (FA:3 D)
CLE:17 (IS:2 C)
CLE:18 (IS:2 C)
CLE:19 (FA:3 D)
CLE:20 (BI:3 C)
CLF:1 (IR:1 B)
CLF:2 (IR:1 B)
CLF:3 (IR:1 C)
CLF:4 (IR:1 C)
CLF:5 (IR:0 B)
CLF:6 (IR:0 B)
CLF:7 (IR:0 C)
CLF:8 (IR:0 C)
CLF:9 (IR:0 C)
CLF:10 (DB:2 B)
CLF:10 (DM:1 C)
CLF:11 (DB:1 D)
CLF:11 (DM:0 D)
CLF:12 (DM:0 C)
CLF:13 (XA:3 D)
CLF:14 (XA:2 D)
CLF:15 (XB:3 D)
CLF:16 (XB:2 D)
CLF:17 (FG:1 C)
CLF:18 (XA:2 C)
CLF:19 (XA:2 C)
CLF:20 (XB:1 C)
CLF:21 (XB:1 C)
CLG:1 (EE:0 B)
CLG:1 (EI:0 B)
CLG:1 (EO:0 C)
CLG:2 (EE:0 B)
CLG:2 (EI:0 B)
CLG:2 (EO:2 B)
CLG:3 (EE:3 B)
CLG:3 (EI:2 B)
CLG:4 (EO:2 C)
CLG:5 (EO:2 C)
CLG:6 (EE:3 B)
CLG:6 (EI:3 B)
CLG:6 (EO:1 C)
CLG:7 (EO:1 C)
CLG:8 (EO:1 C)
CLG:9 (EO:0 C)
CLG:10 (EO:0 C)
CLG:11 (EO:1 C)
CLG:12 (EO:1 C)
CLG:13 (EO:0 D)
CLG:14 (EO:0 D)
CLG:15 (EO:1 D)
CLG:16 (EO:3 C)
CLG:17 (EO:3 C)
CLG:18 (EO:3 C)
CLG:20 (EE:4 D)
CLG:20 (EI:4 C)
CLG:20 (EO:0 D)
CLG:21 (EI:0 C)
CLH:1 (FA:3 B)
CLH:1 (FK:2 B)
CLH:2 (FA:4 C)
CLH:3 (FA:2 B)
CLH:3 (FK:2 B)
CLH:4 (FG:0 C)
CLH:4 (FK:2 B)
CLH:5 (FA:2 B)
CLH:5 (FK:2 B)
CLH:6 (FA:2 D)
CLH:6 (FK:2 B)
CLH:7 (FA:2 D)
CLH:8 (FA:2 D)
CLH:9 (FA:2 D)
CLH:10 (FA:3 D)
CLH:11 (FA:3 D)
CLH:12 (FA:3 D)
CLH:13 (FM:0 B)
CLH:14 (FG:0 C)
CLH:15 (FG:0 C)
CLH:16 (FA:3 B)
CLH:17 (FA:3 B)
CLH:18 (FG:1 C)
CLH:19 (FG:1 C)
CLH:20 (FA:3 C)
CLH:21 (FA:3 D)
CLI:1 (EO:0 D)
CLI:2 (EO:1 D)
CLI:3 (EO:1 D)
CLI:4 (EO:1 D)
CLI:5 (EO:3 C)
CLI:6 (EO:3 C)
CLI:7 (EO:3.C)
CLI:8 (EO:3 C)
CLI:9 (EO:3 C)
CLI:10 (EO:3 C)
CLI:11 (EO:4 C)
CLI:12 (EO:4 C)
CLM:1 (BE:1 B)
CLM:2 (BE:1 B)
CLM:3 (BE:2 B)
CLM:4 (BE:1 C)
CLM:5 (BE:1 C)
CLM:6 (BE:3 C)
CLM:7 (BE:3 C)
CLM:8 (BE:3 C)
CLM:9 (FA:3 D)
CLN:1 (BY:1 B)
CLN:2 (BY:1 C)
CLN:3 (BY:2 C)
CLN:4 (BY:2 C)
CLN:5 (BY:2 C)
CLN:6 (BY:3 C)
CLN:7 (BY:3 C)
CLN:8 (BY:4 C)
CLN:9 (BY:1 D)
CLO:1 (BY:2 D)
CLO:2 (BY:3 D)
CLO:4 (BY:2 D)
CLO:5 (BY:2 D)
CUA:1 (GA:1 C)
CUA:2 (GA:4 C)
CUA:3 (IH:1 B)
CUA:4 (IH:0 B)
CUA:5 (IH:3 B)
CUA:6 (IH:3 C)
CUA:7 (IQ:0 B)

CUA:8	(KM:0 C)	CUC:14	(HI:1 B)	DS_R:1	(NU:2 C)
CUA:9	(NI:1 B)	CUC:15	(HI:1 B)	DS_R:2	(GQ:0 C)
CUA:10	(NI:1 B)	CUC:16	(HI:1 B)	DS_R:2	(NU:2 D)
CUA:11	(KI:1 C)	CUC:17	(IH:3 B)	DZ:1	(BU:0 B)
CUA:12	(IH:3 C)	CUC:18	(IH:0 D)	DZ:2	(BU:1 B)
CUA:13	(IU:2 D)	CUC:19	(HI:3 B)	DZ:3	(BU:1 B)
CUA:14	(IU:2 D)	CUC:20	(HI:3 C)	E03_L-:1	(NI:2 D)
CUA:15	(IU:2 D)	CUC:21	(HI:2 A)	E03_L+:1	(NI:2 D)
CUA:16	(IU:2 D)	CUD:1	(IH:1 B)	E03_R-:1	(NI:2 D)
CUA:17	(HI:1 C)	CUD:2	(IH:1 B)	E03_R+:1	(NI:2 D)
CUA:18	(HI:1 B)	CUD:3	(IH:1 D)	E27:1	(GF:3 C)
CUA:19	(HI:1 C)	CUE:1	(IH:0 B)	E27:2	(GF:3 C)
CUA:20	(HI:1 C)	CUE:3	(IH:0 D)	E27:3	(GF:3 C)
CUA:21	(GB:0 B)	CUF:1	(HI:0 B)	E27:4	(GF:3 C)
CUB/TACH:1	(BM:1 A)	CUF:2	(HI:0 B)	E27:5	(GF:3 C)
CUB/TACH:2	(BM:3 C)	CUG:1	(NK:2 C)	E27:6	(GF:3 C)
CUB/TACH:3	(BM:1 A)	CUG:2	(NK:2 C)	E27:7	(GF:3 C)
CUB/TACH:4	(BM:2 A)	CUG:4	(NK:2 C)	E27_1:1	(GF:0 C)
CUB/TACH:5	(BM:3 A)	CUG:5	(NK:3 C)	E27_1:2	(GF:0 C)
CUB/TACH:6	(BM:3 C)	DDA:1	(IM:1 C)	E27_1:3	(GF:1 C)
CUB/TACH:7	(BM:2 C)	DDA:2	(IE:0 B)	E27_1:4	(GF:1 C)
CUB/TACH:8	(BM:2 C)	DDA:3	(IE:1 B)	E27_1:5	(GF:1 C)
CUB/TACH:9	(BM:2 C)	DDA:4	(IE:2 B)	E27_1:7	(GF:0 C)
CUB/TACH:10	(BM:2 C)	DDA:5	(IH:2 C)	EA:1	(CS:1 B)
CUB/TACH:11	(IU:0 B)	DDA:6	(IE:3 B)	EA:2	(CS:1 B)
CUB/TACH:12	(KI:1 C)	DDA:7	(IM:1 C)	EA:3	(CS:2 B)
CUB/TACH:13	(IM:0 B)	DDA:8	(IM:1 C)	EA:4	(CS:1 B)
CUB/TACH:14	(HI:2 B)	DDA:9	(IM:1 C)	EM:1	(CM:1 D)
CUB/TACH:15	(HI:2 B)	DDA:10	(IU:1 D)	EM:1	(CO:1 B)
CUB/TACH:18	(IH:3 A)	DDA:11	(IU:1 D)	EM:1	(CS:3 B)
CUB:1	(BN:1 B)	DDA:12	(IH:2 C)	EM:2	(CM:2 D)
CUB:2	(BN:3 C)	DDA:13	(IE:0 C)	EM:2	(CO:2 B)
CUB:3	(BN:1 B)	DDA:14	(IE:1 C)	EM:2	(CS:3 B)
CUB:4	(BN:3 B)	DDA:15	(IE:1 C)	EM:3	(CM:2 D)
CUB:5	(BN:3 B)	DDB:1	(IE:1 C)	EM:3	(CO:2 B)
CUB:6	(BN:3 C)	DDB:2	(IE:2 C)	EM:3	(CS:3 B)
CUB:7	(BN:2 C)	DDB:3	(IE:2 C)	EM:4	(CM:1 D)
CUB:8	(BN:2 C)	DDB:4	(IE:0 C)	EM:4	(CO:1 B)
CUB:9	(BN:2 C)	DDB:5	(IE:0 B)	EM:4	(CS:3 B)
CUB:10	(BN:2 C)	DDB:6	(IE:0 B)	EM:5	(CM:1 D)
CUB:11	(BN:3 C)	DDB:7	(IE:1 B)	EM:5	(CO:2 B)
CUB:11	(IU:0 B)	DDB:9	(IE:2 B)	EM:5	(CS:3 B)
CUB:12	(KI:1 B)	DP:1	(BU:0 A)	EM:6	(CM:2 D)
CUB:13	(IM:0 B)	DP:2	(BU:0 A)	EM:6	(CO:3 B)
CUB:14	(HI:2 C)	DP:3	(BU:1 D)	EM:6	(CS:2 B)
CUB:15	(HI:1 B)	DP:4	(BU:0 D)	EM:7	(CM:3 D)
CUB:16	(GC:3 A)	DP:5	(BU:0 D)	EM:7	(CO:4 B)
CUB:17	(GC:3 B)	DP:6	(BU:0 D)	EM:8	(CS:2 B)
CUB:18	(IH:3 B)	DP:7	(BU:1 D)	EM:9	(CM:1 D)
CUB2/CUB:11	(IU:0 B)	DP:8	(BU:1 D)	EM:9	(CO:1 B)
CUB2/CUB:12	(KI:1 B)	DP:9	(BU:1 D)	EM:9	(CS:3 B)
CUB2/CUB:13	(IM:0 B)	DP:10	(BU:1 D)	EM:10	(CM:0 D)
CUB2/CUB:14	(HI:2 C)	DP:11	(BU:1 D)	EM:10	(CO:3 B)
CUB2/CUB:15	(HI:2 B)	DP:12	(BU:1 D)	EM:10	(CS:3 D)
CUB2/CUB:18	(IH:3 B)	DPA:1	(IM:2 C)	EM:11	(CM:2 D)
CUC:1	(IH:3 C)	DPA:3	(IE:3 B)	EM:11	(CO:0 B)
CUC:2	(IH:3 C)	DPA:4	(IE:3 B)	EM:12	(CM:0 D)
CUC:3	(IH:1 B)	DPA:5	(IH:2 C)	EM:12	(CO:4 B)
CUC:4	(IH:0 B)	DPA:6	(IE:3 B)	EM:12	(CS:2 B)
CUC:5	(IH:3 B)	DPA:7	(IM:2 C)	EMB:1	(IF:0 D)
CUC:6	(IQ:1 C)	DPA:8	(IM:2 C)	EMB:2	(IF:1 D)
CUC:7	(IQ:0 C)	DPA:9	(IM:2 C)	EN:1	(AA:3 D)
CUC:8	(IQ:1 C)	DPA:10	(IU:1 D)	EN:1	(AE:3 D)
CUC:9	(IU:2 D)	DPA:11	(IU:2 D)	EN:2	(AA:3 D)
CUC:10	(IU:2 D)	DPA:12	(IH:2 C)	EN:2	(AE:3 D)
CUC:11	(IU:2 D)	DS_L:1	(NU:2 C)	EN:3	(HG:0 D)
CUC:12	(IU:2 D)	DS_L:2	(NU:2 D)	EN:3	(HY:2 D)
CUC:13	(HI:1 B)	DS_R:1	(GQ:0 B)	EN:4	(AA:2 D)

EPR:1 (CM:2 B)
EPR:3 (CM:3 B)
EPR:4 (CM:2 C)
EQ_A:1 (EO:4 B)
EQ_A:2 (EO:4 B)
EQ_A:3 (EO:4 B)
EQ_A:4 (EO:4 C)
EXT:1 (HZ:1 B)
EXT:2 (HZ:1 B)
FA:1 (BI:4 B)
FA:2 (FA:2 B)
FA:3 (FA:2 B)
FA:5 (GA:2 C)
FA:5 (NI:1 A)
FA:6 (BA:0 C)
FA:7 (BI:1 C)
FA:8 (GA:4 C)
FA:8 (NA:0 A)
FA:9 (GB:3 D)
FA:9 (NA:0 A)
FA:10 (GC:3 B)
FA:10 (NA:0 A)
FA:10 (NU:2 B)
FA:11 (GB:0 A)
FA:11 (NA:3 A)
FA:12 (BA:1 D)
FA:13 (GQ:2 C)
FA:14 (AA:2 A)
FA:16 (GG:1 A)
FA:17 (GG:1 A)
FA:18 (GG:1 A)
FA:19 (GG:1 A)
FA:20 (GG:0 A)
FA:21 (GG:0 A)
FB:1 (KI:2 A)
FB:3 (KI:2 B)
FE:1 (ME:1 B)
FE:1 (NC:0 B)
FE:1 (NU:0 A)
FE:2 (ME:1 B)
FE:2 (NC:0 B)
FE:2 (NU:0 A)
FE:3 (ME:1 B)
FE:3 (NC:1 B)
FE:3 (NU:0 A)
FE_B:1 (IF:1 A)
FE_B:2 (IF:1 A)
FE_B:3 (IF:1 A)
FE_BR:1 (IF:2 A)
FE_BR:2 (IF:2 A)
FE_BR:3 (IF:1 A)
FE2:1 (NC:1 B)
FE2:1 (NU:0 B)
FE2:2 (NC:0 B)
FE2:2 (NU:0 B)
FE2:3 (NC:1 B)
FE2:3 (NU:0 B)
FL:1 (GA:2 D)
FL:2 (GA:2 C)
FL:3 (GA:2 C)
FL:4 (NK:3 D)
FL:5 (NK:3 D)
FL:6 (GA:2 C)
FL:7 (GA:2 C)
FL:8 (GA:1 C)
FL:9 (GA:3 C)
FL:10 (GQ:1 C)
FL:11 (GQ:1 B)
FL:12 (GQ:1 B)
FL:13 (GU:0 D)
FL:14 (GU:0 D)
FL:15 (GU:0 D)
FL:16 (GQ:1 C)
FL:20 (BE:1 D)
FL:21 (BE:1 D)
FL:22 (BE:1 D)
FL:23 (BE:1 E)
FL:25 (GA:2 D)
FL:29 (KA:0 C)
FMS:1 (BX:1 D)
FMS:2 (BX:1 D)
FR:1 (GA:3 D)
FR:2 (GA:3 C)
FR:3 (GA:3 C)
FR:4 (NK:3 D)
FR:5 (NK:4 D)
FR:6 (GA:2 C)
FR:7 (GA:3 C)
FR:8 (GA:4 C)
FR:9 (GA:3 C)
FR:10 (GM:0 C)
FR:11 (GM:0 C)
FR:13 (GU:1 D)
FR:14 (GU:1 D)
FR:15 (GU:1 D)
FR:16 (GM:1 C)
FR:17 (BI:2 C)
FR:18 (BI:2 D)
FR:25 (GA:3 D)
FR:29 (KA:0 C)
FS:1 (KI:1 C)
FS:2 (KI:1 D)
FS:3 (KI:1 D)
FS_2:1 (KI:0 C)
FS_2:2 (KI:0 D)
FT:1 (IR:0 D)
FT:2 (IR:0 D)
FT:3 (IR:1 D)
GA:1 (GB:3 D)
GA:2 (BI:1 D)
GA:3 (BI:1 C)
GA:4 (BA:1 B)
GA:5 (BA:0 B)
GA:6 (BA:0 C)
GA:7 (BA:0 C)
GB:1 (BI:2 C)
GB:2 (BI:2 D)
GB:3 (BM:2 D)
GB:4 (BM:2 D)
GB:5 (BM:2 D)
GB:6 (BM:2 D)
GC:1 (DE:0 B)
GC:2 (DE:0 B)
GC:3 (DE:0 B)
GC:4 (DE:0 B)
GC:7 (DE:2 B)
GC:8 (DE:2 B)
GC:10 (DE:3 E)
GC:11 (DE:0 B)
GC:12 (DE:0 C)
GD:2 (HZ:1 C)
IDA:1 (GA:1 C)
IDB:1 (GA:0 D)
IS:1 (DE:3 B)
IS:2 (DE:3 B)
IS:3 (DE:2 C)
IS:4 (DE:2 C)
JV/JC:1 (DB:0 D)
JV/JC:2 (KA:1 D)
JV/JC:3 (DQ:1 B)
JV/JC:4 (AE:3 B)
JV/JC:5 (AE:3 B)
JV/JC:6 (AE:3 B)
JV/JC:7 (AC:1 D)
JV/JC:7 (AE:4 D)
JV/JC:8 (CP:1 B)
JV/JC:8 (HI:3 D)
JV/JC:9 (AA:3 B)
JV/JC:9 (BA:0 C)
JV/JC:10 (FU:0 D)
JV/JC:11 (BA:3 C)
JV/JC:12 (BA:3 D)
JV/JC:13 (IM:2 C)
JV/JC:14 (BA:0 C)
JV/JC:15 (BU:0 B)
JV/JC:16 (IM:2 A)
JV/JC:17 (HP:0 D)
JV/JC:18 (KM:1 C)
JV/JC:19 (BI:2 D)
JV/JC:20 (BU:1 B)
JV/JC:21 (IX:2 B)
KV/KC:1 (GB:0 B)
KV/KC:2 (GB:0 B)
KV/KC:3 (GB:0 B)
LI:1 (FG:0 B)
LI:2 (FG:0 B)
LI:3 (FG:0 B)
LI:4 (FG:1 B)
LI:5 (FG:1 B)
LI:6 (FG:1 B)
MA:1 (CS:2 A)
MA:1 (HG:0 C)
MA:1 (HY:2 D)
MA:2 (AA:2 C)
MA:2 (CS:1 A)
MA:3 (CS:3 A)
MA:3 (XB:0 B)
MA:4 (CS:3 A)
MA:4 (XB:0 B)
MA:5 (CS:3 A)
MA:5 (XA:0 B)
MA:6 (CS:3 A)
MA:6 (XA:1 B)
MA:7 (CM:2 C)
MA:7 (CS:2 A)
MA:8 (CM:2 C)
MA:9 (AC:4 D)
MA:9 (AE:4 D)
MA:11 (CM:1 C)
MA:11 (CP:0 A)
MA:11 (CS:3 A)
MA:12 (CM:0 C)
MA:12 (CS:4 A)
MA:13 (AA:3 D)
MA:13 (AE:3 D)
MA:13 (CS:1 A)
MA:14 (CM:3 C)
MA:15 (BA:0 D)
MA:15 (CP:0 A)
MA:15 (CS:3 A)
MA:16 (BI:0 D)
MA:16 (CS:1 A)
MA:17 (CU:0 C)
MA:19 (CP:0 A)

MA:19 (CS:2 B)
MA:20 (CP:0 A)
MA:20 (CS:2 A)
MB:1 (BI:2 D)
MB:2 (BA:0 C)
MB:4 (BA:1 B)
MB:5 (BI:2 C)
MB:8 (BI:1 D)
MB:9 (BA:0 B)
MB:14 (BI:1 C)
MB:15 (GB:3 D)
MB:16 (BA:0 C)
MC:1 (EO:0 D)
MC:2 (EO:1 D)
MC:3 (EO:1 D)
MC:4 (EO:1 D)
MC:5 (EO:1 D)
MC:6 (NU:2 C)
MC:7 (NU:2 D)
MOT:1 (HZ:2 C)
MOT:2 (HZ:2 C)
MOT:3 (HZ:1 C)
MOT:4 (HZ:2 C)
MP:1 (CO:3 C)
MT:1 (CS:1 C)
MT:2 (CS:1 C)
MT:3 (CS:3 D)
MT:5 (CS:2 D)
MT:6 (CS:2 D)
MT:7 (CS:2 D)
MT:8 (CS:2 D)
MT:9 (CS:4 B)
MT:10 (CS:4 B)
OH:1 (GE:1 B)
OH:2 (GE:2 B)
OH:3 (GE:1 B)
OH:4 (GE:2 B)
OH:9 (GE:1 B)
OH:13 (GE:1 B)
OH:14 (GE:2 B)
OH:17 (GE:1 B)
OH:18 (GE:3 B)
OH:24 (GE:1 D)
PAS:1 (FP:0 C)
PAS:2 (FP:1 C)
PAS:3 (FP:1 C)
PAS:6 (FP:0 D)
PH_1:1 (HM:0 B)
PH_1:2 (HM:0 B)
PH_1:3 (HM:2 B)
PH_1:4 (HM:1 B)
PH_1:5 (HM:2 B)
PH_1:6 (HM:2 C)
PH_1:7 (HM:2 D)
PH_1:8 (HM:0 D)
PH_1:9 (HM:0 D)
PH_1:10 (HM:3 D)
PH_1:11 (HM:1 B)
PH_2:1 (HP:0 B)
PH_2:2 (HP:0 C)
PH_2:3 (HP:0 D)
PL:1 (NC:3 C)
PL:2 (NA:1 C)
PL:3 (NA:1 C)
PL:4 (NA:1 C)
PL:5 (NA:2 C)
PL:6 (NA:2 C)
PL:7 (NC:1 C)
PL:7 (NU:1 C)
PL:8 (NA:4 C)
PL:9 (NC:1 C)
PL:9 (NU:1 C)
PL:10 (NC:2 C)
PL:10 (NU:2 C)
PL:11 (NA:0 C)
PL:12 (NA:1 C)
PL:13 (NC:2 C)
PL:13 (NU:1 C)
PL:14 (NC:2 C)
PL:14 (NU:1 C)
PL:15 (NC:2 C)
PL:15 (NU:2 C)
PL:16 (NC:2 C)
PL:16 (NU:2 C)
PL:17 (NC:2 C)
PL:17 (NU:2 C)
PL:18 (NA:3 C)
PL:19 (NC:3 C)
PL:20 (NC:3 C)
PL:20 (NU:2 C)
PL:21 (NC:3 C)
PL:21 (NU:3 C)
PS:1 (DI:0 C)
PS:2 (DI:0 C)
PS:3 (DI:0 C)
PS:4 (DI:0 C)
PS:5 (DI:0 C)
PS:6 (DI:0 C)
PS:7 (DI:1 C)
PS:8 (DI:1 C)
PS:9 (DI:1 C)
PS:14 (DI:1 C)
PS:15 (DI:1 C)
PS:16 (DI:1 C)
PS:17 (DI:1 C)
PS:18 (DI:1 C)
PS:19 (DI:1 C)
PS:20 (DI:1 C)
PS:21 (DI:1 C)
PT:1 (DE:0 B)
PT:1 (DN:1 B)
PT:2 (DE:0 B)
PT:2 (DN:1 B)
PT:3 (DE:0 B)
PT:3 (DN:1 B)
PT:4 (DE:0 B)
PT:4 (DN:1 B)
PT:6 (DE:0 B)
PT:6 (DN:0 B)
PT:7 (DE:0 D)
PT:7 (DN:0 B)
PT:8 (DN:0 B)
PT:9 (DN:0 B)
PW:1 (AA:0 B)
PW:2 (AB:3 C)
PW:2 (AE:2 D)
PW:3 (AE:1 C)
PW:4 (AE:1 C)
PW:5 (AE:1 D)
PW:6 (AE:1 D)
PW:7 (AE:2 C)
PW:8 (AE:2 C)
PW:9 (BI:2 D)
PW:10 (BI:2 C)
PW:11 (BI:2 C)
PW:12 (GB:0 D)
PW:15 (CM:3 B)
PW:16 (CM:2 B)
PW:17 (CM:2 C)
PW:18 (AA:4 B)
PW:18 (AB:1 D)
PW:19 (IQ:3 C)
PW:20 (IQ:3 D)
PW:21 (AB:1 B)
RA:1 (GC:2 E)
RA:2 (GC:1 B)
RA:3 (GC:1 B)
RA:4 (GC:1 B)
RA:5 (GC:2 B)
RA:6 (GC:2 B)
RA:7 (GC:1 B)
RA:8 (GC:1 B)
RA:9 (GC:2 B)
RA:10 (GC:2 B)
RA:11 (GC:2 B)
RA:12 (BI:2 C)
RA:13 (BI:2 D)
RA:14 (DU:3 C)
RA:15 (HI:0 C)
RA:15 (HM:0 D)
RA:16 (HI:0 C)
RA:16 (HM:0 D)
RA:17 (DU:3 C)
RA:19 (BY:2 D)
RC:1 (BY:3 D)
RC:2 (GG:0 B)
RC:2 (GK:0 A)
RC:3 (GG:0 B)
RC:3 (GK:1 A)
RC:4 (GG:0 B)
RC:4 (GK:1 A)
RC:5 (GG:0 B)
RC:5 (GK:1 A)
RC:6 (GG:0 B)
RC:6 (GK:1 A)
RC:7 (GG:1 B)
RC:8 (BY:3 D)
RC:9 (GG:1 B)
RC:10 (GG:1 B)
RC:10 (GK:1 A)
RC:11 (GG:1 B)
RC:12 (GG:1 B)
RC:14 (GG:1 B)
RC:15 (GC:0 B)
RC:16 (GC:2 B)
RC:17 (GG:0 B)
RC:18 (GG:0 B)
RC:19 (GK:1 A)
RC:19 (KE:0 C)
RC:20 (GK:1 A)
RC:20 (KE:0 D)
RC:21 (CP:3 A)
RC:21 (GK:1 A)
RC_2:2 (GH:1 B)
RC_2:3 (GH:1 B)
RC_2:4 (GH:1 B)
RC_2:5 (GH:1 B)
RC_2:6 (GH:1 B)
RC_2:7 (GH:1 B)
RC_2:9 (GH:1 B)
RC_2:10 (GH:1 B)
RC_2:11 (GH:1 B)
RC_2:12 (GH:1 B)
RC_2:14 (GH:0 B)

RC_2:17	(GH:0 B)	SW_1:2	(EE:0 C)	SX:10	(GK:2 C)
RC_2:18	(GH:0 B)	SW_1:2	(EI:0 C)	SX:11	(GG:0 C)
RC_2:19	(GH:0 B)	SW_1:3	(EE:0 D)	SX:11	(GK:2 C)
RC_2:20	(GH:0 B)	SW_1:3	(EI:1 C)	SX:12	(GG:0 C)
REF:1	(IQ:3 C)	SW_1:4	(EE:1 C)	SX:12	(GK:2 C)
REF:2	(IQ:3 D)	SW_1:4	(EI:1 C)	SX:15	(GG:3 C)
REV:1	(NU:2 C)	SW_1:5	(EE:1 C)	SX:15	(GK:3 C)
RF:1	(IQ:3 C)	SW_1:5	(Ei:1 C)	SX:18	(GG:1 C)
RF:4	(IQ:3 D)	SW_1:6	(EE:1 D)	SX:20	(GG:0 C)
RP:1	(DI:2 C)	SW_1:6	(EI:1 C)	SX:21	(GG:0 C)
RP:2	(DI:2 C)	SW_1:7	(EE:2 C)	SX:24	(GG:1 C)
RP:3	(DI:2 C)	SW_1:7	(EI:2 C)	SX:24	(GK:3 C)
RP:4	(DI:2 C)	SW_1:8	(EE:2 C)	SX:25	(GG:1 C)
RP:5	(DI:2 C)	SW_1:8	(EI:2 C)	SX:29	(GG:1 C)
RP:6	(DI:2 C)	SW_1:9	(EE:2 D)	SX:30	(GG:4 C)
RP:7	(DI:2 C)	SW_1:9	(EI:2 C)	SX:30	(GK:3 C)
RP:8	(DI:2 B)	SW_1:10	(EE:3 C)	SX:31	(GG:2 C)
RP:9	(DI:2 B)	SW_1:10	(EI:3 C)	SX:31	(GK:2 C)
RT:1	(DM:3 C)	SW_1:11	(EE:3 C)	TA:1	(GA:2 D)
RT:2	(DM:2 C)	SW_1:11	(EI:3 C)	TA:2	(GA:2 C)
RT:3	(DM:2 C)	SW_1:12	(EE:3 D)	TA:3	(GA:2 C)
RT:4	(DM:2 C)	SW_1:12	(EI:3 C)	TA:4	(KA:0 C)
RT:5	(DM:2 C)	SW_1:13	(EE:0 C)	TA:5	(NK:3 C)
RT:6	(DM:3 C)	SW_1:13	(EI:0 C)	TA:6	(GA:2 C)
RT:7	(DM:3 C)	SW_1:14	(EE:0 C)	TA:7	(GA:2 C)
SI:1	(GG:3 B)	SW_1:14	(EI:0 C)	TA:8	(GA:1 C)
SI:1	(GK:3 A)	SW_1:15	(EE:1 C)	TA:9	(GA:3 C)
SI:2	(GG:3 B)	SW_1:15	(EI:1 C)	TA:10	(GQ:1 C)
SI:2	(GK:3 A)	SW_1:16	(EE:1 C)	TA:11	(GQ:1 B)
SI:4	(GG:3 B)	SW_1:16	(EI:1 C)	TA:12	(GA:2 D)
SI:4	(GK:4 A)	SW_1:17	(EE:2 C)	TA:13	(GU:0 C)
SI:5	(GG:3 B)	SW_1:17	(EI:2 C)	TA:14	(GU:0 C)
SI:5	(GK:4 A)	SW_1:18	(EE:2 C)	TA:15	(GU:0 C)
SI_2:1	(GH:3 B)	SW_1:18	(EI:2 C)	TA:16	(GQ:1 C)
SI_2:2	(GH:3 B)	SW_1:19	(EE:3 C)	TA:17	(NK:3 C)
SI_2:4	(GH:3 B)	SW_1:19	(EI:3 C)	TA:18	(GM:0 C)
SI_2:5	(GH:3 B)	SW_1:20	(EE:3 C)	TA:19	(GM:0 C)
SI_3:1	(CP:3 A)	SW_1:20	(EI:3 C)	TA_2:1	(GI:1 D)
SI_3:2	(CP:3 A)	SW_2:1	(EO:3 D)	TA_2:2	(GI:2 B)
SLF:1	(NI:0 D)	SW_2:10	(EO:3 D)	TA_2:3	(GI:1 B)
SLF:2	(NI:0 E)	SW_2:11	(EO:4 D)	TA_2:6	(GI:1 B)
SLR:1	(NI:1 C)	SW_2:12	(EO:4 D)	TA_2:7	(GI:1 B)
SLR:2	(NI:1 C)	SW_2:13	(EO:3 D)	TA_2:8	(GI:1 B)
SLR_2:1	(NI:1 C)	SW_2:14	(EO:3 D)	TA_2:9	(GI:2 B)
SLR_2:2	(NI:1 C)	SW_2:15	(EO:4 D)	TA_2:12	(GI:1 D)
SM_F:1	(GC:3 C)	SW_2:2	(EO:3 D)	TB:1	(GA:3 D)
SM_F:2	(GC:0 C)	SW_2:3	(EO:1 D)	TB:2	(GA:3 C)
SM_F:4	(GC:3 D)	SW_2:4	(EO:1 D)	TB:3	(GA:3 C)
SM_O:1	(GE:2 B)	SW_2:5	(EO:2 D)	TB:4	(KA:0 C)
SM_O:2	(GE:1 B)	SW_2:6	(EO:2 D)	TB:5	(NK:3 C)
SM_O:4	(GE:1 B)	SW_2:7	(EO:2 D)	TB:6	(GA:2 C)
SM_R:1	(GC:3 C)	SW_2:8	(EO:2 D)	TB:7	(GA:3 C)
SM_R:2	(GC:0 C)	SW_2:9	(EO:3 D)	TB:8	(GA:4 C)
SM_R:4	(GC:3 D)	SX:1	(GG:1 C)	TB:9	(GA:3 C)
SP:1	(BM:2 C)	SX:1	(GK:2 C)	TB:10	(GM:0 C)
SP:2	(BM:2 C)	SX:2	(GG:1 C)	TB:11	(GM:0 C)
SP:3	(BM:2 C)	SX:3	(GG:3 C)	TB:12	(GA:3 D)
SP:4	(BM:2 C)	SX:3	(GK:3 C)	TB:13	(GU:1 C)
SS:1	(BE:3 D)	SX:4	(GG:0 C)	TB:14	(GU:1 C)
SS:2	(BE:3 D)	SX:4	(GK:2 C)	TB:15	(GU:1 C)
SS:3	(BE:1 C)	SX:5	(GG:1 C)	TB:16	(GM:1 C)
SS:4	(BE:1 C)	SX:6	(GG:0 C)	TB:17	(NK:4 C)
ST:1	(GG:4 B)	SX:6	(GK:2 C)	TB:18	(BI:2 D)
ST:1	(GK:3 A)	SX:7	(GG:3 C)	TB:19	(GQ:2 B)
ST_2:1	(GH:3 B)	SX:7	(GK:3 C)	TB:20	(GQ:0 C)
ST_3:1	(CP:3 A)	SX:8	(GG:3 C)	TB:21	(BI:2 D)
SW_1:1	(EE:0 C)	SX:8	(GK:3 C)	TB_2:1	(GI:3 D)
SW_1:1	(EI:0 C)	SX:10	(GG:0 C)	TB_2:2	(GI:3 B)

TB_2:3	(GI:3 B)	X03:7	(GG:0 E)	X06:5	(NA:2 D)
TB_2:6	(GI:2 B)	X03:8	(GG:1 E)	X06:6	(NA:2 D)
TB_2:7	(GI:3 B)	X03:9	(GG:1 E)	X06:7	(NC:1 D)
TB_2:8	(GI:2 B)	X03:10	(GG:1 E)	X06:7	(NU:1 D)
TB_2:9	(GI:3 B)	X03:11	(GG:1 E)	X06:8	(NC:4 C)
TB_2:12	(GI:3 D)	X03:12	(GG:1 E)	X06:9	(NC:1 D)
TD:1	(IE:0 C)	X03:13	(GG:1 E)	X06:9	(NU:1 D)
TD:2	(IE:0 D)	X03:14	(GG:0 E)	X06:10	(NC:2 D)
TD:3	(IE:0 C)	X03:15	(GG:0 E)	X06:10	(NU:2 D)
TD:4	(IE:1 C)	X03:2	(GG:0 E)	X06:11	(NA:0 D)
TD:5	(IE:1 C)	X03:3	(GG:1 E)	X06:12	(NA:1 D)
TD:8	(GM:3 D)	X03:4	(GG:1 E)	X06:13	(NC:2 D)
TD:9	(GM:3 C)	X03:5	(GG:0 E)	X06:13	(NU:1 D)
TD:10	(GM:3 C)	X03:6	(GG:0 E)	X06:14	(NC:2 D)
TD:11	(GM:2 C)	X03:7	(GG:0 E)	X06:14	(NU:1 D)
TD:12	(GM:2 C)	X03:8	(GG:1 E)	X06:15	(NC:2 D)
TD:13	(GQ:0 B)	X03:9	(GG:1 E)	X06:15	(NU:2 D)
TD:15	(IE:1 C)	X03:10	(GG:1 E)	X06:16	(NC:2 D)
TD:16	(IE:1 D)	X03:11	(GG:1 E)	X06:16	(NU:2 D)
TD:17	(IE:1 C)	X03:12	(GG:1 E)	X06:17	(NC:2 D)
TD:18	(IE:2 C)	X03:13	(GG:1 E)	X06:17	(NU:2 D)
TD:19	(IE:2 C)	X03:15	(GG:0 E)	X06:18	(NA:3 D)
TD:20	(NK:1 C)	X03_2:1	(GH:1 D)	X06:19	(NA:3 D)
TD:21	(NK:1 D)	X03_2:2	(GH:1 D)	X06:20	(NC:3 D)
TDET:1	(GB:1 D)	X03_2:3	(GH:0 D)	X06:20	(NU:2 D)
TM:1	(OA:2 D)	X03_2:4	(GH:1 D)	X06:21	(NC:3 D)
TM:2	(OA:2 D)	X03_2:5	(GH:1 D)	X06:21	(NU:3 D)
TM:3	(OA:2 B)	X03_2:6	(GH:1 D)	X06:22	(NC:3 D)
TM:4	(OA:2 B)	X03_2:7	(GH:1 D)	X06:24	(NA:3 D)
TM:5	(OA:1 D)	X03_2:8	(GH:1 D)	X06:30	(NA:3 D)
TMA:1	(OA:2 C)	X03_2:9	(GH:1 D)	X06:31	(NA:4 D)
TMA:3	(OA:1 C)	X03_2:10	(GH:1 D)	X46:2	(BY:3 E)
TMA:5	(OA:2 B)	X03_2:11	(GH:1 D)	X46:3	(BY:2 E)
TMA:6	(OA:2 C)	X03_2:12	(GH:1 D)	X46:4	(BY:2 E)
TMA:7	(OA:2 B)	X03_2:13	(GH:1 D)	X46:5	(BY:3 E)
TS:1	(FG:0 A)	X03_2:14	(GH:0 D)	X46:6	(BY:3 E)
TS:2	(FG:0 A)	X03_2:15	(GH:0 D)	XA:1	(GB:0 B)
TS:3	(FG:0 A)	X04:1	(GG:2 E)	XA:2	(GB:1 B)
TS:4	(FG:1 A)	X04:1	(GK:2 E)	XA:3	(GB:1 B)
TS:5	(FG:1 A)	X04:2	(GG:1 E)	XA:4	(GB:1 B)
TS:6	(FG:1 A)	X04:2	(GK:2 E)	XA:5	(GB:1 B)
X02:1	(GG:4 E)	X04:3	(GG:2 E)	XA:6	(GB:1 B)
X02:1	(GK:3 E)	X04:3	(GK:2 E)	XA:7	(GB:2 B)
X02:2	(GG:3 E)	X04:4	(GG:2 E)	XA:8	(GB:2 B)
X02:2	(GK:3 E)	X04:4	(GK:2 E)	XA:9	(GB:2 B)
X02:3	(GG:3 E)	X04:5	(GG:2 E)	XA:10	(GB:0 B)
X02:3	(GK:3 E)	X04:5	(GK:2 E)	XA:11	(GB:1 B)
X02:4	(GG:3 E)	X04:6	(GG:2 E)	XA:12	(GB:1 B)
X02:4	(GK:3 E)	X04:6	(GK:2 E)	XA:13	(GB:1 B)
X02:5	(GG:3 E)	X04:6	(GG:2 E)	XA:14	(GB:1 B)
X02:5	(GK:3 E)	X04:7	(GK:2 E)	XA:15	(GB:1 B)
X02:6	(GG:3 E)	X04_2:1	(GH:2 D)	XA:16	(GB:2 B)
X02:6	(GK:3 E)	X04_2:2	(GH:2 D)	XA:17	(GB:2 B)
X02:7	(GG:3 E)	X04_2:3	(GH:2 D)	XA:18	(GB:2 B)
X02:7	(GK:3 E)	X04_2:4	(GH:2 D)	XB:1	(AA:4 D)
X02_2:1	(GH:3 D)	X04_2:5	(GH:2 D)	XC:1	(BM:1 C)
X02_2:2	(GH:3 D)	X04_2:6	(GH:3 D)	XC:3	(IH:2 C)
X02_2:3	(GH:3 D)	X04_2:7	(GH:3 D)	XC:4	(HP:0 E)
X02_2:4	(GH:3 D)	X05:1	(GG:3 E)	XC:5	(HG:0 D)
X02_2:5	(GH:3 D)	X05:2	(GG:2 E)	XC:5	(HY:2 D)
X02_2:6	(GH:3 D)	X05:3	(GG:2 E)	XC:6	(BU:2 C)
X02_2:7	(GH:3 D)	X05:4	(GG:2 E)	XC:7	(BM:1 C)
X03:1	(GG:0 E)	X05:5	(GG:3 E)	XC:8	(AE:2 C)
X03:2	(GG:0 E)	X05:7	(GG:3 E)	XC:8	(NK:1 D)
X03:3	(GG:1 E)	X06:1	(NC:3 D)	XC:9	(DB:1 E)
X03:4	(GG:1 E)	X06:2	(NA:1 D)	XC:9	(DM:0 E)
X03:5	(GG:0 E)	X06:3	(NA:1 D)	XC:10	(HP:1 E)
X03:6	(GG:0 E)	X06:4	(NA:1 D)	XC:11	(BU:0 A)

XC:12	(KI:1 C)	XJ:1	(GM:2 C)	XL:7	(DM:0 B)
XD:1	(BU:1 C)	XJ:2	(GM:1 D)	XL:8	(BI:0 B)
XD:1	(BX:1 D)	XJ:3	(HG:0 B)	XL:9	(BI:0 B)
XD:1	(BY:1 D)	XJ:4	(GQ:1 A)	XL:9	(OA:2 B)
XD:2	(CU:1 C)	XJ:6	(HG:0 B)	XL:10	(DB:1 B)
XD:3	(CP:2 D)	XJ:7	(GQ:2 A)	XL:10	(DM:0 B)
XD:4	(EE:4 D)	XJ:10	(GA:0 B)	XL:11	(BI:0 B)
XD:4	(EI:0 D)	XJ:11	(IM:0 B)	XL:12	(BA:1 B)
XD:4	(EI:4 D)	XJ:12	(BA:1 B)	XL:13	(DQ:0 B)
XD:4	(EO:0 D)	XJ:13	(GA:0 B)	XL:14	(DU:1 B)
XD:5	(DU:2 E)	XJ:14	(IH:1 B)	XL:15	(BA:1 D)
XD:5	(EO:0 D)	XJ:15	(BA:0 B)	XL:16	(BA:1 D)
XD:6	(FA:3 D)	XJ:16	(IH:2 B)	XL:17	(BA:1 D)
XD:6	(FI:0 C)	XJ:17	(IH:1 B)	XL:18	(BA:1 D)
XD:6	(FK:1 D)	XJ:18	(IH:2 B)	XM:1	(AA:2 B)
XD:7	(GU:2 D)	XK:1	(BA:0 B)	XM:2	(AA:2 B)
XD:8	(IX:2 D)	XK:3	(GM:3 B)	XM:3	(AA:2 B)
XD:9	(BI:1 E)	XK:4	(BA:0 B)	XM:4	(AA:2 A)
XD:10	(IS:1 D)	XK:6	(GM:1 D)	XM:5	(AA:3 A)
XD:10	(OA:1 D)	XK:7	(BA:0 A)	XM:6	(AC:3 D)
XD:11	(AA:2 C)	XK:8	(BA:0 B)	XM:7	(AC:3 D)
XD:12	(NC:0 C)	XK:9	(DB:1 B)	XM:8	(AC:3 D)
XD:12	(NU:2 D)	XK:9	(DM:1 B)	XM:9	(AC:3 D)
XE:1	(AA:3 D)	XK:10	(HY:0 B)	XM:10	(AC:3 D)
XE:1	(AC:2 D)	XK:11	(DB:1 B)	XM:11	(AC:2 C)
XF:1	(FA:4 B)	XK:11	(DM:0 B)	XM:12	(BI:3 B)
XF:2	(FQ:1 B)	XK:12	(DB:1 B)	XM:13	(AC:2 B)
XF:3	(ME:3 B)	XK:12	(DM:1 B)	XM:14	(AC:2 C)
XF:4	(KE:0 C)	XK:13	(HY:0 B)	XM:15	(BI:3 B)
XF:5	(FQ:0 B)	XK:14	(IQ:1 B)	XM:16	(AC:2 B)
XF:6	(FQ:1 B)	XK:15	(IQ:2 B)	XM:17	(AC:2 B)
XF:7	(KE:0 C)	XK:16	(HY:1 B)	XM:18	(BI:3 B)
XF:8	(KE:0 C)	XK:17	(CU:0 B)	XO:1	(AC:0 A)
XF:9	(AA:3 C)	XK:18	(CU:0 B)	XS:1	(AC:2 A)
XF:10	(FA:4 B)	XL:1	(BA:1 B)	XT:1	(AC:1 A)
XF:12	(KE:0 B)	XL:2	(IH:4 B)	Y18GH:1	(DN:2 B)
XF:13	(BA:0 B)	XL:3	(BA:1 B)	Y18GH:2	(DN:2 B)
XF:15	(FA:4 B)	XL:4	(OA:2 B)	Y18GH:4	(DN:2 A)
XF:18	(GB:3 C)	XL:5	(BA:1 B)		
XG:1	(AC:0 A)	XL:6	(BA:1 B)		
XH:1	(AC:2 A)	XL:7	(DB:1 B)		

List of components

A01	Fuse and Relay Centre (1000)
A02L	Fuse holder, 6–fuses (GB:0 D) (1000)
A02P	Fuse holder, 6–fuses (ME:2 C) (1000)
A02X	Fuse holder, 6–fuses (ME:3 C) (1000)
A03	Instrument cluster (BI:0 B) (CP:2 D) (1000)
A04A	Refrigerator (IQ:3 C) (1007B)
A04B	Refrigerator (IQ:3 C) (1460)
A05	Display, FMS (Fleet Management System) (BU:2 D/IZ:0 D) (1000)
A06L	El. adjustable seat (IA:2 B) (1007A)
A06R	El. adjustable seat (IA:0 B) (1007B)
A07	Radio (IU:0 B) (1000)
A08	Control unit, GPS receiver (Global Positioning System) (BU:2 D) (1000)
A09	Telephone (IX:0 C) (1000)
A10	CD player (IU:3 B)
A11	Control unit, door lock (IM:1 B) (1000)
A12A	Control unit, ABS (Anti-lock Brake System) (EI:0 B) (1007C)
A12B	Control unit, ABS (Anti-lock Brake System) (EE:0 B) (1007C)
A13A	Control unit, TECU (automatic transmission) (DE:0 C)
A13B	Control unit, TECU (automatic transmission) (DI:0 B) (1007C)
A13C	Control unit, TECU (automatic transmission) (DM:0 C) (1007C)
A13D	Control unit, TECU (automatic transmission) (DN:0 B)
A14	Control unit, EMS (Engine Management System) (CO:2 C/CS:2 C) (1030)
A15	Control unit, SRS (Supplementary Restrain System) (IS:0 B) (1000)
A16	Control unit, ECS (Electronic Controlled air Suspension) (FA:0 C/FG:0 D/FG:2 D) (1007C)
A17	Control unit, VECU (Vehicle ECU) (BA:0 C) (1000)
A18	Control unit, roof hatch (IQ:0 C) (1006E)
A19A	Control unit, GECU (gear selector ECU) (Geartronic) (DB:1 C) (1007A/1007B/1484)
A19B	Control unit, GECU (gear selector ECU) (DB:2 C) (Powertronic) (1007A/1007B/1484)
A19C	Control unit, GECU (gear selector ECU) (DB:2 C) (I-shift) (1007A/1007B/1484)
A20	Control unit, Immobiliser (IM:3 C) (1000)
A21	Control unit, EBS (Electronic Brake System) (EO:0 C) (1007C)
A22	Control unit, FMS (Fleet Management System) (BU:0 C/IZ:3 B) (1000)
A23	Control unit, FMS, TMC (Traffic Message Channel) (BU:3 B) (1000)
A24	Control unit, information module trailer without ABS (CP:3 C)
A26	Control unit, ACC (Adaptive Cruise Control) (BE:1 B) (1007C)
A27	Control unit, LCM (Light Control Module) (GB:0 C/GC:0 A/GA:0 B) (1000)
A28	Control unit, ADR/TRS battery main switch (AE:0 D) (1435B)
A29	Telephone handset, secrecy receiver (IX:1 B) (1000)
A30	Control unit, SWM (Steering Wheel Module) (IS:1 C) (1000)
A31	Control unit, burglar alarm (NK:0 C) (1000)
A32	Control unit, parking heater (HM:0 C) (1062)
A33	Tachograph (BM:1 B) (CP:1 D) (1000)
A33B	Tachograph (/BN:1 B) (1006)
A34B	Control unit, climate unit (HG:0 B) (1000)
A36	Control unit, BBM (Body Builder Module) (NC:1 B/NU:1 B) (1000)
A39	Control unit, camera (IZ:0 C) (1000)
A40 HID	Fuse holder, 3-fuses (GD:1 C) (1000)
A41	Component group transmission. Contains B23, B138 and Y17 (DN:0 D/DE:0 C/DM:2 B) (1403/1499)
A42	Component group transmission. Contains B26, Y21, Y22, Y23 and Y26 (DN:2 D/DE:2 C) (1494/1499)
A43	Electric fan control (B32 fan speed sensor, Y35 visco clutch) (CO:1 D) (1030)
A45	Fuel pre filter (B52 water level sensor, R10 heater, Y38 water drain solenoid (CO:3 B) (1030)
A44	Fuel filter bracket (B51 fuel pressure sensor, M15 priming pump) (CO:2 D) (1030)
A54	Control unit, Coolant level (CS:2 D)
A59	Control unit, RAS (Rear Axle Steering) (FO:1 B) (1493)
A75	Yawrate sensor and power supply unit, ACC (BE:2 C) (1007C)
A77	Control unit, Tyre pressure monitoring (OA:1 B) (1508)
A80	Airdryer, electronical controlled (FQ:1 C) (1056)
A94	FMS Gateway, Fleet Management System (BX:0 B) (1000)
A96	Control unit, Roof cooler (HZ:1 B) (1018)
A102	Control unit, Volvo Link (VERS-SAM) (BY:1 C) (1000)
A105	Serial Interface Box (BU:0 B) (1000)
A106	Fuse holder, 3–fuses, not mainswitch dependent (AB:3 B) (1000)
A121	Logger, AUS (CP:1 B)
B02A	Thermostat, parking heater (HI:1 B) (1006A/1006E)
B02B	Thermostat, parking heater (HI:0 B) (1006A/1006E)
B03_A	Sensor, footbrake valve (EO:0 D) (1504)
B04	Sensor, engine speed, crankshaft (CO:0 D) (1030)
B05	Sensor, engine speed, camshaft (CO:0 D) (1030)
B06	Sensor, air pressure, air tank (BA:2 D) (1000)
B07	Sensor, fuel level (BI:2 C) (1040)
B08	Sensor, input shaft speed, gearbox (DE:3 B)
B09A	Sensor, oil temperature, gearbox (DE:2 D)
B09B	Sensor, oil temperature, gearbox (BI:2 C) (1494)
B10	Sensor, oil level (CO:0 B) (1030)
B10B	Sensor, oil level (FP:0 C) (1493)
B10C	Sensor, oil level (FO:0 C) (1493)
B12	Sensor, tachograph/speedometer (BM:2 D) (1494)
B12B	Sensor, tachograph/speedometer (BM:1 D) (1494)
B13A	Sensor, wheel speed, lhs. 1:st front axle (EI:0 D/EE:0 D) (1086)
B13B	Sensor, wheel speed, lhs. 1:st front axle (EP:1 B/EP:3 B) (1086)
B14A	Sensor, wheel speed, rhs. 1:st front axle (EI:1 D/EE:1 D) (1086)
B14B	Sensor, wheel speed, rhs. 1:st front axle (EP:2 B/EP:3 B) (1086)
B15A	Sensor, wheel speed, lhs. 1:st driven rear axle (EI:2 D/EE:2 D) (1086)
B15B	Sensor, wheel speed, lhs. 1:st driven rear axle (EP:1 D/EP:2 D) (1086)
B16A	Sensor, wheel speed, rhs. 1:st driven rear axle (EI:3 D/EE:3 D) (1086)
B16B	Sensor, wheel speed, rhs. 1:st driven rear axle (EP:1 D/EP:2 D) (1086)

B17	Sensor, wheel speed, lhs. 2:nd driven rear axle (EP:1 D) (1086)
B18	Sensor, wheel speed, rhs. 2:nd driven rear axle (EP:1 D) (1086)
B19	Sensor, wheel speed, lhs. 2:nd front axle (EP:1 B) (1086)
B20	Sensor, wheel speed, rhs. 2:nd front axle (EP:2 B) (1086)
B21	Sensor, coolant temperature, engine (CO:1 D) (1030)
B22	Sensor, outdoor temperature (BI:2 C) (1503)
B23A	Sensor, oil temperature, retarder (DE:1 D)
B23B	Sensor, oil temperature, retarder (DI:0 D) (1494)
B24	Sensor, air pressure, bogie lift bellow (FA:0 D) (1072)
B25	Sensor, accelerator pedal (BA:4 D) (1000)
B26A	Sensor, clutch position (DE:2 D)
B27	Sensor, battery charging (BI:2 C) (1435A/1435B)
B28	Sensor, chassi level, front axle (FA:1 D) (1072)
B29B	Sensor, chassis level, lhs. rear axle (FA:1 D) (1072)
B30	Sensor, chassis level, rhs. rear axle (FA:2 D) (1072)
B34A	Sensor, gear position (DE:2 B)
B34B	Sensor, gear position (DE:3 B)
B35	Sensor, range gear position (DE:3 B)
B36	Sensor, split gear position (DE:3 B)
B37	Sensor, boost pressure and boost temperature (CO:0 D) (1030)
B38	Sensor, oil pressure and oil temperature (CO:1 D) (1030)
B39	Sensor, air filter pressure and air filter temperature (CO:1 B/CS:1 D) (1030)
B40A	Sensor, brake lining wear indicator, lhs. 1:st front axle (EP:2 B) (1086)
B40B	Sensor, brake lining wear indicator, lhs. 1:st front axle (EP:0 B) (1086)
B41A	Sensor, brake lining wear indicator, rhs. 1:st front axle (EP:3 B) (1086)
B41B	Sensor, brake lining wear indicator, rhs. 1:st front axle (EP:1 B) (1086)
B42A	Sensor, brake lining wear indicator, lhs. 1:st driven rear axle (EP:1 D) (1086)
B42B	Sensor, brake lining wear indicator, lhs. 1:st driven rear axle (EP:0 D) (1086)
B42A	Sensor, brake lining wear indicator, lhs. 1:st driven rear axle (EP:1 D) (1086)
B42B	Sensor, brake lining wear indicator, rhs. 1:st driven rear axle (EP:0 D) (1086)
B43A	Sensor, brake lining wear indicator, lhs. 1:st driven rear axle (EP:2 D) (1086)
B43B	Sensor, brake lining wear indicator, lhs. 1:st driven rear axle (EP:2 D) (1086)
B44B	Sensor, brake lining wear indicator, lhs. 2:nd driven rear axle (EP:0 D) (1086)
B45B	Sensor, brake lining wear indicator, rhs. 2:nd driven rear axle (EP:0 D) (1086)
B46B	Sensor, brake lining wear indicator, lhs. 2:nd front axle (EP:0 B) (1086)
B47B	Sensor, brake lining wear indicator, rhs. 2:nd front axle (EP:2 B) (1086)
B49	Sensor, steering angle (EO:3 A) (1000)
B49F	Sensor, steering angle (FO:1 D) (1493)
B49R	Sensor, steering angle (FO:2 D) (1493)
B50	Sensor, yaw-rate (EO:4 B) (1507)
B51	Sensor, fuel pressure (CO:2 D) (1030)
B54	Sensor, crank case pressure (CO:0 B) (1030)
B55	Sensor, air pressure, suspension bellows, 3:th axle (FA:0 D) (1072)
B56	Sensor, air pressure, suspension bellows, front axle (FA:0 D) (1072)
B57	Sensor, air pressure, suspension bellows, lhs. rear (FA:0 D) (1072)
B58	Sensor, air pressure, suspension bellows, rhs. rear (FA:1 D) (1072)
B59	Sensor, indoor temperature (HG:1 B) (1000)
B60_DD	Loudspeaker (IU:1 D) (1083)
B60_DP	Loudspeaker (IU:1 D) (1083)
B60_LF	Loudspeaker (IU:0 D) (1000)
B60_LR	Loudspeaker (IU:2 D) (1006D/1006E)
B60_RF	Loudspeaker (IU:1 D) (1000)
B60_RR	Loudspeaker (IU:2 D) (1006D/1006E)
B61_L	Loudspeaker, treble (IU:0 D) (1000)
B61_R	Loudspeaker, treble (IU:1 D) (1000)
B64	Sensor, air pressure, valve unit gearbox (DE:1 D)
B67	Rear view camera (IZ:2 D) (1000)
B68	Sensor, output shaft speed, gearbox (DI:2 D) (1494)
B69A	Sensor, coolant temperature, retarder (DE:1 D)
B69B	Sensor, coolant temperature, retarder (DM:3 B) (1403)
B69C	Sensor, coolant temperature, retarder (DN:0 D) (1403)
B70	Sensor, wheel speed, lhs., pusher axle (EP:3 D) (1086)
B71	Sensor, wheel speed, rhs., pusher axle (EP:3 D) (1086)
B72	Sensor, wheel speed, lhs., tag axle (EP:4 D) 1086)
B73	Sensor, wheel speed, rhs., tag axle (EP:4 D) (1086)
B74B	Sensor, brake lining wear indicator, lhs., pusher axle (EP:2 D) (1086)
B75B	Sensor, brake lining wear indicator, rhs., pusher axle (EP:3 D) (1086)
B76B	Sensor, brake lining wear indicator, lhs., tag axle (EP:3 D) (1086)
B77B	Sensor, brake lining wear indicator, rhs., tag axle (EP:3 D) (1086)
B80	Handsfree, Loudspeaker, Microphone (IX:0 B) (1007A/1007B)
B90	Transmitter, movement sensor (NK:2 D) (1006B/1006E)
B91	Receiver, movement sensor (NK:3 D) (1006B/1006E)
B118	Sensor, oil pressure (CO:1 D) (1030)
B119	Sensor, oil level and oil temp (CO:0 B) (1030)
B120	Radar ACC, Adaptive Cruise Control (BE:1 D) (1502)
B138A	Sensor, Control pressure retarder (DE:0 D) (1494)
B138B	Sensor, Control pressure retarder (DI:3 B) (1494)
B151	Sensor, trailer detection (GB:1 C)
B154	Sensor, water level roof cooler (HZ:2 C) (1018)
D01	Time delay relay, bogie lift, axle load limiter (FK:3 B) (1007C)
E01	Lamp, full beams (GA:2 C/GA:3 C) (1502/1503)
E02	Lamp, dipped beams (GA:2 D/GA:3 D) (1502/1503)
E03	Lamp, spot light (GA:1 C/GA:3 C) (1502/1503)
E03A	Lamp, spot light (NI:2 C)
E03B	Lamp, spot light (NI:2 C)
E03L	Lamp, spot light (GI:1 C) (NI:2 D)
E03R	Lamp, spot light (GI:2 C) (NI:2 D)
E05	Lamp, 5:th wheel light (KE:0 D/GH:0 D/GF:1 C) (1063)
E06	Lamp, reversing light (GC:1 D/GC:2 D/GF:1 C) (1040)
E07	Lamp, fog light (GA:1 C/GA:3 C) (1502/1503)
E07L	Lamp, fog light (GI:1 C)
E07R	Lamp, fog light (GI:3 C)

E08	Lamp, parking light, front (GA:1 D/GA:3 D) (1502/1503)
E08L	Lamp, parking light, front (GI:1 C)
E08R	Lamp, parking light, front (GI:1 C)
E09	Lamp, brake light (GC:1 D/GC:2 D) (1040)
E10	Lamp, tail light (GC:1 D/GC:2 D) (1040)
E11_LC	Lamp, side marker light (GC:0 D) (1077)
E11_LF	Lamp, side marker light (GC:0 D) (1077)
E11_LR	Lamp, side marker light (GC:0 D) (1077)
E11_LW	Lamp, side marker light (GC:0 D) (1077)
E11_RC	Lamp, side marker light (GC:3 D) (1077)
E11_RF	Lamp, side marker light (GC:3 D) (1077)
E11_RR	Lamp, side marker light (GC:3 D) (1077)
E11_RW	Lamp, side marker light (GC:3 D) (1077)
E12L	Lamp, roof position light (GA:4 C) (1006A)
E12R	Lamp, roof position light (GA:1 C) (1006A)
E13	Lamp, direction indicator (GC:1 D/GC:2 D) (1040)
E13LF	Lamp, direction indicator (GA:2 C) (1502)
E13RF	Lamp, direction indicator (GA:3 C) (1503)
E14_A	Lamp, beacon warning lamp (KM:2 D) (1047)
E14_AR	Lamp, beacon warning lamp (KM:1 C) (1047)
E14_B	Lamp, beacon warning lamp (KM:1 D) (1047)
E14_BR	Lamp, beacon warning lamp (KM:2 C) (1047)
E15	Lamp, cigarette lighter illumination (IQ:2 C) (1000)
E16_DS	Lamp, instep light (IH:2 C) (1083)
E16_PS	Lamp, instep light (IH:2 C) (1083)
E17L	Lamp, interior light (IH:1 C) (1006B/1006E)
E17R	Lamp, interior light (IH:1 C) (1006B/1006E)
E18_C	Lamp, reading light (IH:0 C) (1006D)
E18_LB	Lamp, reading light (IH:0 C) (1006D/1006E)
E18_RB	Lamp, reading light (IH:1 C) (1006D/1006E)
E18L	Lamp, reading light (IH:0 C) (1006D/1006E)
E18LC	Lamp, reading light (IH:0 C) (1006C/1006E)
E18R	Lamp, reading light (IH:1 C) (1006D/1006E)
E18RC	Lamp, reading light (IH:0 C) (1006C)
E19C	Lamp, identification light, roof (GA:0 C) (1006A/1436)
E19L	Lamp, identification light, roof (GA:0 D) (1006A/1436)
E19R	Lamp, identification light, roof (GA:0 C) (1006A/1436)
E20	Lamp, ashtray illumination (IQ:2 C) (1000)
E21	Lamp, rear fog light (GC:1 D/GC:2 D) (1040)
E22	Lamp, roof sign illumination (KI:0 C) (1436)
E23	Lamp, luggage compartment illumination (IH:4 C) (1007A)
E24	Lamp, storage tray illumination (IQ:1 D) (1000)
E26L	Headlight module (GA:1 C) (1502)
E26R	Headlight module (GA:3 C) (1503)
E27L_1	Tail lamp module (GC:1 D) (1040)
E27L_2	Tail lamp module (GE:1 C) (1040)
E27L_3	Tail lamp module (GF:3 C) (1040)
E27L_4	Tail lamp module (GF:0 C) (1040)
E27R_1	Tail lamp module (GC:2 D) (1040)
E27R_2	Tail lamp module (GE:2 C) (1040)
E28	Parking heater (HI:0 C/HM:0 D) (1007A/1062)
E30L	Lamp, full- and dipped beams (GI:1 C)
E30R	Lamp, full- and dipped beams (GI:3 C)
E32ATC	Climate unit (HY:2 C) (1000)
E32ECC	Climate unit (HG:1 C) (1000)
E33LF	Lamp, additional load lamps (revers lamps) (NA:0 D) (1506A)
E33LR	Lamp, additional load lamps (revers lamps) (NA:1 D) (1506A)
E33RF	Lamp, additional load lamps (revers lamps) (NA:1 D) (1506A)
E33RR	Lamp, additional load lamps (revers lamps) (NA:1 D) (1506A)
E34	Lamp, body builder centre light (IH:2 D) (1000)
E39	Licence Plate Illumination (GF:3 B)
E39L	Licence Plate Illumination (GE:2 C) (1040)
E39R	Licence Plate Illumination (GE:2 C) (1040)
E74L	Lamp, parking light front direction indicator (GI:1 C)
E74R	Lamp, parking light front direction indicator (GI:3 C)
G01A	Battery (AA:0 D/AB:1 D/AE:0 C/CS:0 C)
G01B	Battery (AA:0 D/AB:1 D/AE:0 D/CS:0 D)
G02	Alternator (AA:3 D/AE:3 D/CS:1 D) (1025)
G05	Battery, backup Volvo Link (VERS-SAM) (BY:0 C) (1000)
H01	Horn, air-operated (GQ:1 B) (1502)
H02	Horn (GQ:1 B) (1502)
H03	Reverse warner, acoustic (GF:0 C) (1040)
H06	Siren (NK:3 D) (1502/1503)
K1	Relay, starting switch, radio position (AC:3 C) (1000)
K2	Relay, EMS (Engine Management System) (BA:1 A) (1000)
K3	Relay, starter motor (AA:2 B) (1000)
K3B	Relay, starter motor, Cummins (CS:1 C)
K4	Relay, body builder fuse box (kl.15) (ME:2 A) (1000)
K5	Relay, automatic transmission (DB:1 A/DM:0 A) (1000)
K6	Relay, fan climate unit (HY:0 B) (1000)
K7	Relay, intermittent wiper (GM:1 C) (1000)
K8	Relay, gearbox area inhibitor (BA:1 A) (1000)
K9	Relay, interior lamps (IH:1 A) (1000)
K10	Relay, fifth wheel-, working-light (KE:0 C) (1000)
K11	Relay, air suspension (FA:4 B) (1000)
K12	Relay, reverse light, trailer (GB:4 D) (1000)
K13	Relay, alternator controlled (AA:4 B) (1000)
K14	Time delay relay, bogie lift, A-ride (FI:1 B/FK:1 C) (1000)
K15	Time delay relay, bogie lift, A-ride, with axle load limiter (FK:2 C) (1000)
K16	Relay, bogie lift, A-ride, with axle load limiter (FK:1 C) (1000)
K18	Relay, hydraulic steered axle (FP:1 B) (1000)
K20	Relay, D+ short-circuit, (ADR-trucks only) (AE:4 D) (1000)
K21	Relay, el. adjustable seat (IA:2 B) (1000)
K22	Relay, climate fan, 1:st speed (by parking heater) (HY:1 B) (1000)
K23	Relay, cab tilt (KA:0 C) (1000)
K24	Relay, central lubrication (FU:0 B) (1000)
K25	Relay, light sign (KI:1 C) (1000)
K26A	Relay, foldable rear view mirror arm, Japan (IF:0 C) (1000)
K26B	Relay, foldable rear view mirror arm, Japan (IF:1 C) (1000)
K27	Relay, gas discharge lamp, dipped beam, lhs (GD:1 C) (1000)
K28	Relay, gas discharge lamp, dipped beam, rhs (GD:1 C) (1000)
K30	Relay, beacon warning light (KM:0 B) (1000)
K35	Relay, headlamp high pressure wash (GM:0 B) (1000)
K37	Relay, parking light (NA:1 C) (1000)
K38	Relay, body builder preparation, pressure sel./switch 2/free (NA:1 C) (1000)
K39	Relay, body builder preparation, plough light, spotlights (NA:1 C) (1000)
K40	Relay, body builder preparation (NA:2 C) (1000)
K41	Relay, body builder preparation, swapbody (NA:3 C) (1000)
K42	Relay, body builder preparation, spotlights/free (NI:1 B) (1000)

K43	Relay, body builder preparation, external start/free (NC:3 C) (1000)
K45	Relay, free reserved for body-builder (NU:2 B) (1000)
K48	Power relay, engine preheating (CM:2 B) (1435A/1435B)
K49	Power relay, bogie lift motor (FI:3 B/FK:3 D) (1037)
K51	Power relay, battery main switch (AA:0 C/CS:0 C) (1435A)
K51_A	Power relay, battery main switch (AB:1 C) (1435A)
K52	Power relay, ADR battery main switch (AE:0 B) (1435B)
K54	Relay, 12V ABS Trailer (CP:2 D)
K58	Relay, speed limiter, Volvo link (BY:3 B) (1000)
K59	Relay, engine shut off, Volvo link (BY:4 B) (1000)
K60	Relay, trailer lock, Volvo link (BY:3 D) (1000)
K61	Relay, auxiliary revers light, truck (NA:0 C) (1000)
K63	Relay, ACC Adaptive cruise control (BE:1 B)
L01	Reactor, light sign illumination (KI:0 D)
L01L	Reactor, light sign illumination (KI:2 C)
L01R	Reactor, light sign illumination (KI:2 D)
M01	Motor, windscreen wiper (GM:2 C) (1504)
M02	Motor, windscreen washer pump (GM:0 D) (1503)
M03	Motor, headlamp high pressure washer pump (GM:1 D) (1503)
M04	Motor, starter motor (AA:2 D/AE:2 D/CS:0 C) (1025)
M05	Motor, hydraulic bogie lift pump unit (FI:3 B/FK:3 C) (1037)
M06DS	Motor, window winder (IE:2 C) (1083)
M06PS	Motor, window winder (IE:3 C) (1083)
M08	Motor, levelling control, headlights (GA:1 C/GA:3 C) (1502/1503)
M09DS	Motor, door lock (IM:1 D) (1083)
M09PS	Motor, door lock (IM:2 D) (1083)
M10	Motor, roof hatch (IQ:0 E)
M11	Motor, cab tilt pump (KA:0 D) (1502/1503)
M13	Motor, coolant pump, parking heater (HP:0 C) (1062)
M14	Motor, central lubrication pump (FU:0 C) (1401)
M17	Motor, foldable rear view mirror arm, Japan (IF:0 D) (1470)
M27	Motor, roof cooler fan (HZ:1 C)
M28	Motor, washer, roof cooler (HZ:2 C) (1018)
R01	Heater, engine preheat (CO:3 B) (1030)
R02_L	Heater, rear-view mirror (IE:0 D) (1504)
R02_R	Heater, rear-view mirror (IE:1 D) (1504)
R04	Cigarette lighter (IQ:2 C) (1000)
R05	Heater, air dryer (FQ:0 C) (1056)
R08	Termination resistor, CAN-bus (CS:3 B)
R11	Heater, coffee maker (ME:1 B) (1000)
R13	Resistor, LCP headlight adjust (GU:1 B) (1000)
R14	Termination resistor (XB:2 D)
R14B	Termination resistor (DI:3 D)
R17	Resistor (AC:4 C/AE:4 C) (1000)
R18	Heater, electronic controlled air dryer (FQ:1 C) (1056)
R21	Termination resistor (OA:3 C) (1000)
R33	Termination resistor (BE:2 D) (1502)
R34	Termination resistor (DE:0 B)
S01	Switch, main lighting, selector type (GA:0 A/GU:1 B) (1000)
S02	Stalk switch, full-/dipped beam, direction indicator (GA:2 B) (1000)
S03	Switch, loading lamps/working lamps (KE:1 B) (1000)
S04	Switch unit, climate fan (HY:1 B)
S05A	Switch, interior light, selector type (IH:3 B) (1000)
S05B	Switch, interior light, selector type (IH:3 B) (1006D/1006E)
S06	Stalk switch, windscreen wiper, selector type (GM:3 B) (1000)
S07	Switch, engine brake, selector type (BA:3 B) (1000)
S07A	Switch, engine brake, selector type (CP:0 D)
S07B	Switch, engine brake, selector type (CP:0 D)
S08	Switch, differential gear lock, rear wheels (DU:1 B) (1000)
S09	Switch, differential gear locks, inter axles and rear wheels, selector type (DU:1 B) (1000)
S10	Switch, sign light, roof (KI:1 B) (1006A)
S11	Switch, bogie lift, selector type (FI:0 B/FK:0 B) (1000)
S11A	Switch, bogie lift, selector type (FA:3 B) (1000)
S14A	Switch, push button, horn (GQ:1 D)
S14B	Switch, push button, horn (GQ:1 D)
S15	Switch, starting (AC:1 B/AE:0 B) (1000)
S16	Switch, push button, air horn (GQ:2 D)
S17	Switch, front wheel drive (DU:2 B) (1000)
S18	Switch, differential gear lock, front (DU:2 B) (1000)
S19	Switch, extra (NA:2 B)
S20	Switch, 3:rd axle lock (FO:2 B) (1000)
S21A	Switch, parking heater (HI:2 B) (1000)
S21B	Switch, parking heater (HI:3 B) (1006D/1006E)
S23	Switch, roof hatch, selector type (IQ:0 B) (1006A)
S24	Stalk switch, retarder, selector type (BA:3 B) (1000)
S25	Switch unit, cruise control (BA:2 B) (1000)
S26A	Switch, cab tilt pump (KA:0 B) (1000)
S26B	Switch, cab tilt pump (KA:0 D) (1502/1503)
S27	Switch, storage tray illumination (IQ:1 C) (1000)
S28	Switch, power take off (DQ:0 B) (1000)
S28B	Switch, power take off (NC:0 C/NU:0 B) (1000)
S30	Switch unit, multi-function display (BI:2 C) (1000)
S31	Switch, TCS (Traction Control System) (EO:1 A) (1000)
S32	Switch, brake hold (EO:1 B) (1000)
S33	Switch, trailer brake (EO:0 B) (1000)
S34	Switch unit, steering wheel push buttons (IS:1 D) (1000)
S36DS	Switch unit, door functions (IE:0 B) (1083)
S36PS	Switch unit, door functions (IE:3 B) (1083)
S37	Switch, rear view camera, camera activation (IZ:1 B) (1000)
S38	Switch, ADR, emergency switch, cab (AE:1 B) (1000)
S39	Switch, ADR, emergency switch, exterior (AE:1 C) (1007A)
S39_B	Switch, ADR, emergency switch, exterior (AE:2 C) (1007B)
S40	Switch, rear view camera, camera selection (IZ:2 B)
S41	Switch, battery main switch control (AA:1 C) (1435A)
S43	Pressure switch, parking brake indicator, NC. (BA:1 D) (1000)
S45	Position switch, differential gear lock indicator, rear wheels, NC. or NO. (DU:3 C) (1040)
S45R	Position switch, differential gear lock indicator, rear wheels, NC. or NO. (DU:3 C) (1040)
S46	Pressure switch, bogie lift indicator, NO. (FI:2 D/FK:3 E) (1037)
S47	Position switch, low split indicator, NO. (BI:1 D) (1494)
S48A	Pressure switch, brake light, NO. (ABS/UABS) (GB:3 B) (1401)
S48B	Pressure switch, brake light, NO. (ABS/UABS trailer control valve) (GB:3 B) (1401)

S48C	Pressure switch, brake light, NO. (ABS/UABS trailer control valve) (GB:3 A) (1000)
S49	Position switch, reverse lamps, NO (GB:3 D) (1494)
S52_L	Proximity switch, cab lock, NO. (BI:3 C) (1007A)
S52_R	Proximity switch, cab lock, NO. (BI:3 D) (1007B)
S53	Position switch, front-wheel drive indication, NO. (DU:4 C) (1458)
S54	Position switch, differential gear lock, front-wheels, NO. (DU:4 C) (1458)
S55	Thermal switch (HP:0 C) (1062)
S56	Thermal switch, bogie lift, NC (FI:3 C/FK:3 D) (1037)
S57L	Position switch, luggage compartment lighting, NC. (IH:4 D) (1007A)
S57R	Position switch, luggage compartment lighting, NC. (IH:3 D) (1007B)
S58	Position switch, clutch pedal, NO. (BA:3 D) (1000)
S59	Position switch, brake pedal, NO. (BA:3 D) (1000)
S60	Pressure switch, oil, power steering, NC. (FP:0 C) (1493)
S60A	Pressure switch, oil, power steering, NC. (FP:2 C) (1493)
S60B	Pressure switch, oil, power steering, NC. (FP:2 C) (1493)
S63	Position switch, low range gear (BA:0 B) (1494)
S64	Pressure switch, air pressure, parking brake tank, NC. (EO:1 B) (1000)
S66_L	Switch unit, ECS (electronic controlled susp.), full air suspension (FA:2 D) (1007A/1007B)
S68	Sensor, coolant level (CO:1 C/CS:3 D) (1030)
S69	Proximity switch, bogie lift position, NO. (FK:1 D) (1037)
S70	Position switch, flow sensor, power-steering, NC. (FP:2 C) (1493)
S70A	Position switch, flow sensor, power-steering, NC. (FP:1 C) (1493)
S71	Pressure switch, compressor charging, NO. (BA:0 D) (1056)
S72	Switch, water separator draining (CU:0 B) (1000)
S73	Switch, acoustic reverse warning (GC:4 A) (1006A)
S74	Switch, short stop cab heater (HP:0 B) (1000)
S75	Switch, beacon warning light (KM:0 B) (1000)
S76	Switch, spotlights (NA:4 B)
S76A	Switch, spotlights (NI:4 C) (1006A)
S77	Switch, emergency call (BU:1 B) (1000)
S78	Switch unit, TIS (Traffic Information System) (BU:3 B) (1000)
S79A	Switch, additional work lamps (revers lamps), manual turn on (NA:1 B)
S79B	Switch, additional work lamps (revers lamps), manual turn on (NA:2 B)
S79D	Switch, additional work lamps (revers lamps), manual turn on (NA:0 B)
S80	Position switch, front hatch (NK:1 D) (1504)
S83	Switch, container lock (NA:3 B)
S84	Switch, tachograph mode (BN:0 C) (1006)
S86	Switch, foldable rear view mirror arm, Japan (IF:1 B) (1000)
S88L	Position switch, door, NC (BY:2 D/NK:0 D) (1007A)
S88R	Position switch, door, NC (BY:2 D/NK:0 D) (1007B)
S95	Switch, Panic alarm (NK:2 A) (1000)
S96	Switch, Reduced set, Alarm (NK:2 B) (1000)
S165	Switch, Volvo Action Service, (VERS-SAM) (BY:2 B) (1000)
S166	Switch, panic alarm, Volvo link, (VERS-SAM) (BY:3 B) (1000)
U01_A	Modulator, EBS, left front (EP:0 A) (1086)
U02_A	Modulator, EBS, right front (EP:1 A) (1086)
U03_A	Modulator, EBS, rear axle (EP:1 C) (1086)
U03_B	Modulator, EBS, rear axle (EP:0 C) (1086)
U04_A	Modulator, EBS, pusher axle (EP:2 C) (1086)
U05_A	Modulator, EBS, trailer (EO:3 B) (1401)
U06B11	Voltage converter (IR:1 B) (1007C)
U06R11	Voltage converter (IR:1 B) (1007C)
U06R19	Voltage converter (IR:0 B) (1007C)
U07_A	Modulator, EBS, tag axle (EP:3 C) (1086)
U08_A	Modulator, EBS, front (EP:2 A) (1086)
U10	Voltage converter, 12V ABS Trailer (CP:4 B)
U12	Voltage converter, Volvo link, (VERS-SAM) (BY:1 B) (1000)
V02	Diode module (AE:2 B) (1000)
V03	Diode (GG:3 B)
V04	Diode (FI:0 D/FK:0 D) (1037)
V05	Diode (FK:2 D)
V07	LED, indicator, Alarm (NK:2 C) (1000)
V08	Diode (NU:2 B) (1000)
V09	Diode (CP:2 B)
V10	Diode (CP:2 C)
V11	Diode (CP:3 C)
V22	Diode (AA:1 C)
W02	Antenna, immobiliser (IM:3 B) (1000)
X01	Connector, vehicle diagnostics (XA:0 C) (1000)
X01B	Connector, vehicle diagnostics (CP:1 B)
X01C	Connector, vehicle diagnostics (CP:0 C)
X02	Trailer connection, ABS/EBS (1063)
X03	Trailer connection, 15–pole unit (1063)
X04	Trailer connection, 7–pole unit, 24 N (1063)
X05	Trailer connection, 7–pole unit, 24 S (1063)
X06	Connector, 31–pole, in lhs. frame side, for body builder preparations (1505)
X07B	Socket, 12V (IR:1 D) (1000)
X08	Contact reel, air bag (IS:0 C) (1000)
X09	Slip contact, horn (GQ:1 C) (1000)
X10	B+ pass through, cab (AC:0 B) (1000)
X11	Power connector, engine (AA:2 D/AE:2 C/CS:0 D)
X12	Power connector (CO:3 B/CM:3 D)
X16	Power connector, engine (CO:3 B/CM:3 D)
X25	Power connector, bogie lift/extra equipment (AA:1 B/AE:1 A)
Y02	Solenoid valve, differential lock, rear wheels (DU:1 D) (1401)
Y03	Solenoid valve, differential lock, inter axles, rear (DU:1 D) (1401)
Y05	Solenoid valve, bogie lift (FI:0 D/FK:0 D) (1037)
Y06	Solenoid valve, range inhibitor (BA:0 B) (1494)
Y08	Solenoid valve, front-wheel drive (DU:2 D) (1458)
Y09	Solenoid valve, differential lock, front axle (DU:2 D) (1458)
Y10	Solenoid valve, 3:rd axle lock (FM:0 C) (1072)
Y11	Solenoid valve unit, ABS, lhs. front (EE:0 D/EI:0 D) (1086)
Y11_A	Solenoid valve unit, ABS, lhs. front (EO:3 D) (1086)
Y12	Solenoid valve unit, ABS, rhs. front (EE:1 D/EI:1 D) (1086)
Y12_A	Solenoid valve unit, ABS, rhs. front (EO:4 D) (1086)
Y13	Solenoid valve unit, ABS, lhs. rear (EE:2 D/EI:2 D) (1086)
Y14	Solenoid valve unit, ABS, rhs. rear (EE:3 D/EI:3 D) (1086)
Y17A	Solenoid valve, retarder (DE:0 D)
Y17B	Solenoid valve, retarder (DI:2 D) (1494)
Y18	Solenoid valve, PTO (Power Take Off) (DE:2 B) (1499)
Y18A	Solenoid valve, PTO (Power Take Off) (DQ:0 D) (1401)

Y18B	Solenoid valve, PTO (Power Take Off) (DI:0 C) (1494)
Y18C	Solenoid valve, PTO (Power Take Off) (NC:0 D/NU:0 C)
Y18G	Solenoid valve, PTO (Power Take Off) (DN:2 B) (1499)
Y18H	Solenoid valve, PTO (Power Take Off) (DN:2 B) (1499)
Y21	Solenoid valve, slow clutch disengage (DE:2 D)
Y22	Solenoid valve, fast clutch disengage (DE:3 D)
Y23	Solenoid valve, fast clutch engage (DE:3 D)
Y25	Solenoid valve unit, level control, air suspension (FA:1 B) (1072)
Y26	Solenoid valve, slow clutch control (DE:2 D)
Y29	Solenoid valve unit, trailing axle (FA:1 B) (1072)
Y30A	Solenoid valve unit, gearbox (DE:0 B)
Y30B	Solenoid valve unit, gearbox (DE:1 B)
Y30C	Solenoid valve unit, gearbox (DI:0 D) (1494)
Y31	Solenoid valve, area inhibitor (BA:1 B) (1494)
Y32	Fuel dosing pump, parking heater (HI:0 B/HM:0 D) (1040)
Y33	Solenoid valve, UI (Unit Injectors) (CO:3 D) (1030)
Y36	Solenoid valve, steerable axle (FP:1 C) (1493)
Y37	Solenoid valve unit, AVU (CO:2 C) (1030)
Y39	Solenoid valve, VCB (CO:3 D) (1030)
Y40	Solenoid valve unit, front axle, air suspension (FA:0 B) (1072)
Y42	Clutch, magnetic, air conditioning compressor (HG:0 D/HY:2 D/CS:2 D) (1025)
Y43L	Seat belt tensioner, pyrotechnical (IS:2 D) (1007A)
Y43R	Seat belt tensioner, pyrotechnical (IS:3 D) (1007B)
Y44	Air-bag, pyrotechnical (IS:0 D)
Y48A	Solenoid valve, container lock (NA:3 D) (1506A)
Y48B	Solenoid valve, fifth wheel lock (NA:4 D) (1506A)
Y49	Solenoid valve, parking brake (NU:2 C) (1504)
Y51A	Solenoid valve, regeneration (FQ:2 C) (1056)
Y51B	Solenoid valve, compressor control (FQ:2 C) (1056)
Y52	Clutch, magnetic, engine fan (CS:4 B)
Y53	Control valve block , RAS (FO:3 D) (1493)
Y72	Solenoid valve, Airhorn (GQ:0 B) (1504)
Y88	Solenoid valve, trailing axle, air suspension, bogie lift (FA:2 B) (1072)

Abbreviations

ABS	Antilock brake system
ACC	Adaptive cruise control
ACU	Alarm control unit
ADR-BAS1/ ADR1	ADR adaptation, 1 switch
ADR2	ADR adaptation, 2 switches
AIRDRY-E	Electric airdryer
ATB	Axle load limiter
ATC	Automatic temperature control
AUS	Australia
AUXSW-6	Wiring for six auxiliary switches for body building
AWD	All wheel drive
BBM	Body builder module
BBOX-R	Battery box right hand side
CLU	Central locking unit
CU-ACAUT	Air condition, automatic
CU-ACMAN	Air condition, manual
CU-BAS	Basic version with stepper motor without air condition
CU-ECC	Electronic controlled climate control air condition
CU-HEAT	Heater unit
CU-MCC	Manual controlled climate control air condition
DS	Driver side
EBS	Electronic brake system
ECS	Electronic controlled air suspension
ELCE-CK	Electrical complete kit for body builder
ENG-VE9	Volvo engine 9 litre
ENG-VE12	Volvo engine 12 litre
ENG-VE16	Volvo engine 16 litre
EPG	Exhaust pressure governor
ESP	Electronic stability program
FAA10	1 front axle, non driven
FAA20	2 front axle, non driven
FMS	Fleet management system
FSS-LEAF	Leaf suspension, front
GECU	Gear selector electronic control unit
GSS-AGS	Automatic gear shifting system
GSS-RC	Range gear shifting, cable manoeuvred
GSS-SRC	Split and range gear shifting, cable manoeuvred
ISX	Engine variant (Australia only)
JPN	Japan
L	Left
LCM	Light control module
L1H1	Short cab
L2H1	Long cab
L2H2	Long high cab (Globetrotter)
LF	Left front
LHD	Left hand drive
LHS	Left hand side
LOCK-ALL	Central door lock and cut off electricity of truck
LR	Left rear
MAINSWI	Main switch
MECHTRAN	Mechanical transmission
PH-CAB	Cab parking heater
PH-ENGCA	Engine and cab parking heater
PS	Passenger side
PSS-DUAL	Power steering system dual
PTO	Power take off
R	Right
RADT-A8	6x2, air spring, 8 bellows, tag axle
RADT-AR	6x2, leaf spring (A-ride)
RF	Right front
RHD	Right hand drive
RHS	Right hand side
RIGID	Platform or tipper truck
RR	Right rear
RSTS-EHY	Rear steering system, electrical controlled, hydraulic
RSTS-HY	Rear steering system, hydraulic
SI-GRAF	Tachograph
SI-GRAFR	Tachograph
SI-SPEED	Speedometer
SPEED-DU	Dual speed limiter
SRS	Supplementary restrain system
STWPOS-L	Steering wheel position left hand side
STWPOS-R	Steering wheel position right hand side
SUSPL-EC	Air suspension, electronic control system levelling device

SUSPL-M	Air suspension, manual regulation levelling device
SWAPBODY	Swap body
SWM	Steering wheel module
TECU	Transmission electronic control unit
TMC	Traffic message channel
TPM	Tyre pressure monitoring
TRACTOR	Semi-trailer tractor
TREL7-7	Trailer connectors 2x7-unit
UADR	Without ADR adaptation
UALARMB	Without alarm
UJERICO	Without Jerico horn
UMAINSWI	Without main switch
URETARD	Without retarder
USUSPLEV	Without air suspension levelling device
USWS	Without steering wheel switches
UTPM	Without tyre pressure monitoring
VECU	Vehicle electronic control unit
VERS-SAM	South American Version
ZT1816	Gearbox variant (South America only)

Cable colour code

BL	Blue
BN	Brown
GN	Green
GR	Grey
OR	Orange
P	Pink
R	Red
SB	Black
VO	Violet
W	White
Y	Yellow

Note: If a wire have two colours, this is written out like the following example: Y/R = Yellow/Red.

Feedback

One of our objectives is that workshop personnel should have access to correct and appropriate service manuals where it concerns fault tracing, repairs and maintenance of Volvo vehicles.
In order to maintain the high standards of our literature, your opinions and experience when using this manual would be greatly appreciated.
If you have any comments or suggestions, make a copy of this page, write down your comments and send them to us, either via telefax or mailing directly to the address listed below.

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Comments/proposals

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Concerns Service Manual: .....

VOLVO

Volvo Truck Corporation

Göteborg, Sweden

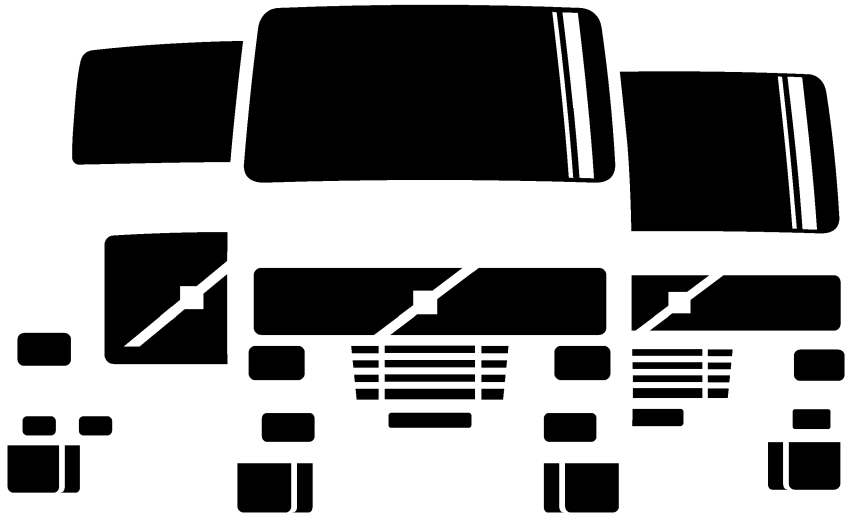
20 031778 English 2500.6.2005 Printed in Sweden

Service Manual
Trucks

Group **37**
Release **01**

Wiring diagram
FM9, FM12, FH12, FH16, NH12 VERSION2

FM, FH CHID A610059–
FM, FH CHID B411901–



20 037631

VOLVO

Foreword

The descriptions and service procedures contained in this manual are based on designs and methods studies carried out up to September 05.

The products are under continuous development. Vehicles and components produced after the above date may therefore have different specifications and repair methods. When this is judged to have a significant bearing on this manual, supplementary service bulletins will be issued to cover the changes.

The new edition of this manual will update the changes.

In service procedures where the title incorporates an operation number, this is a reference to V.S.T. (Volvo Standard Times).

Service procedures which do not include an operation number in the title are for general information and no reference is made to V.S.T.

The following levels of observations, cautions and warnings are used in this Service Documentation:

Note: Indicates a procedure, practice, or condition that must be followed in order to have the vehicle or component function in the manner intended.

Caution: Indicates an unsafe practice where damage to the product could occur.

Warning: Indicates an unsafe practice where personal injury or severe damage to the product could occur.

Danger: Indicates an unsafe practice where serious personal injury or death could occur.

Volvo Truck Corporation
Göteborg, Sweden

Order number: 20 037631

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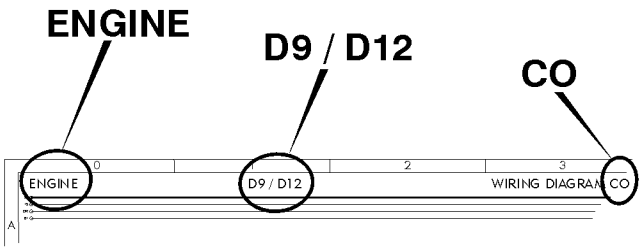
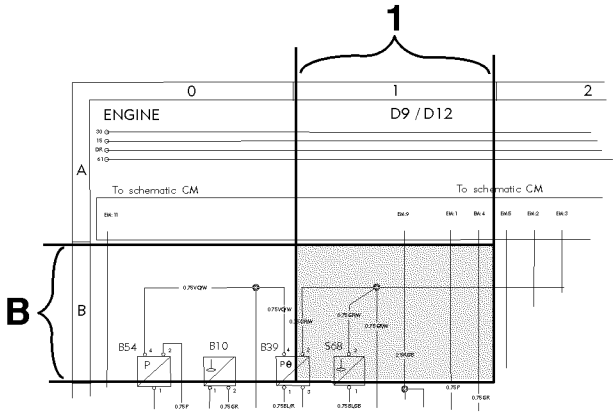
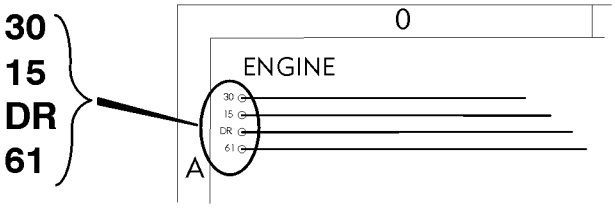
Example of wiring diagram



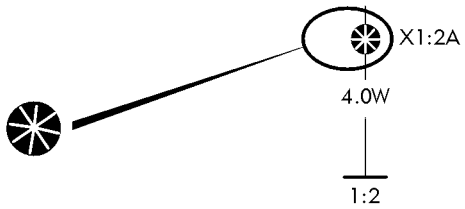
Component wiring diagram title, variant/subtitle and symbol.



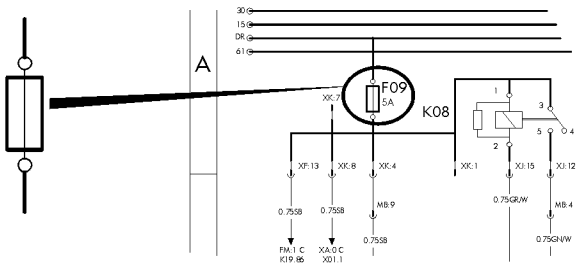
Coordinates (B 1).



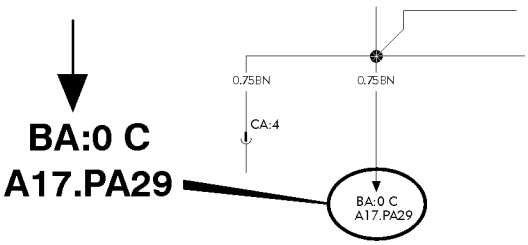
30 Voltage battery, kl.30.
15 Voltage with starter key in drive position, kl.15.
DR Voltage with starter key in drive position, preheat position and start position, kl.DR.
61 Voltage when alternator charges, kl.61.



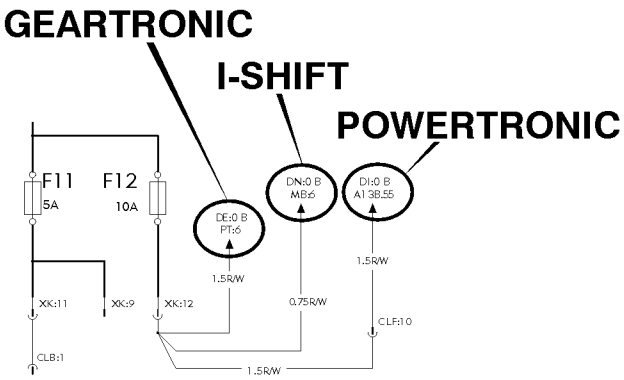
Splice.



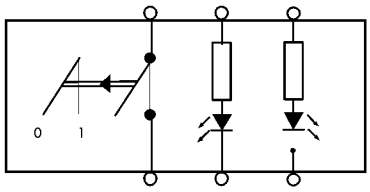
Fuse.



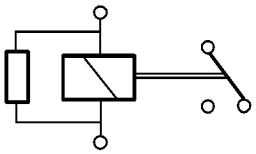
Reference arrow, for diagram BA, coordinates 0 C, component A17, connector PA pin 29.



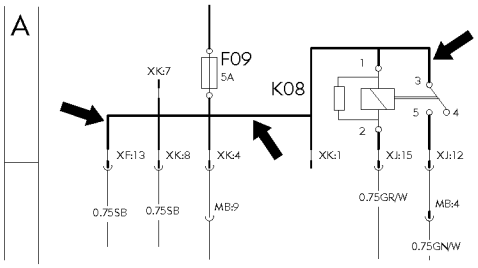
The maximum of variants are drawn, think about that all wires and components are not standard for all markets or vehicle models.



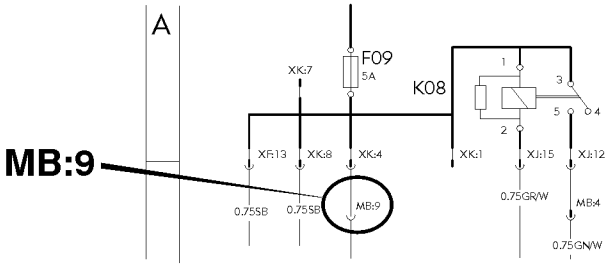
Switch.



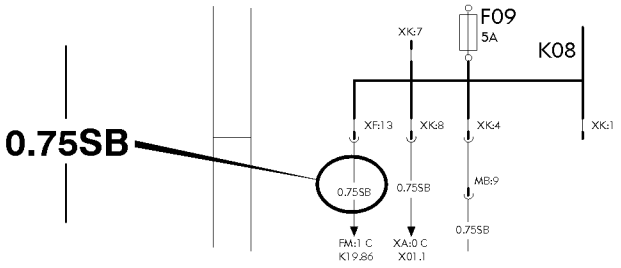
Relay.



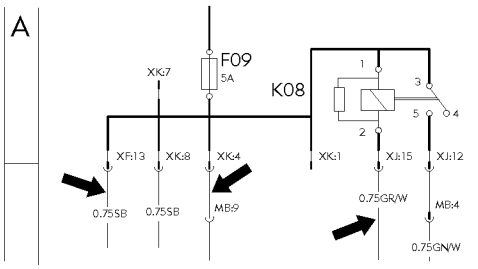
Conductor on circuit card.



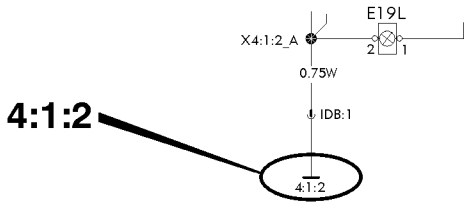
Connector MB terminal 9.



Wire area and colour.

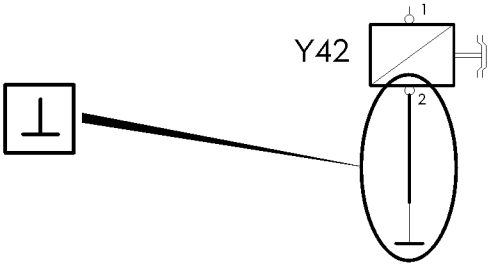


Thin lines, wires.

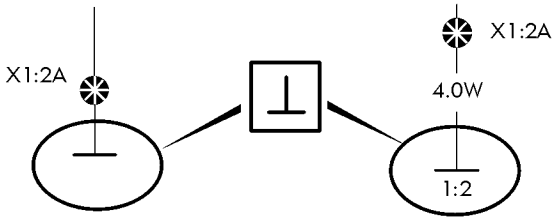


Earth connection point 4, earth connection 1 and wire 2.

Earth connection to circuit card.



Earth connection without wire.



Same splice can be drawn on several diagrams. The wire from the splice to the earth connection point will only be drawn and coded on one diagram. On the other diagrams will only the earth connection point be written besides the splice.

Component wiring diagram index

AA	Power supply, starting system	page 8
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BA	Vehicle ECU	page 12
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BI	Instrument cluster	page 14
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BU	Dynafleet	page 17
BX	FMS Gateway	page 18
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CO	Engine D9	page 21
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CS	Engine ISX (AUS only)	page 25
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DC	Gear selector ECU (I-SHIFT/POWERTRONIC)	page 27
DE	Geartronic automatic gearshift	page 28
DI	Powertronic	page 29
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EO	EBS ECU	page 36
EP	EBS modulators	page 37
FA	Air-suspension	page 38
FG	Load indikator	page 39
FI	Bogie lift A-ride	page 40
FK	Bogie lift A-ride with axle load limiter	page 41
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GG	Trailer connections, RIGID	page 53
GH	Trailer connections, TRACTOR	page 54
GI	LCM head lights (VERS-SAM TYPE-N)	page 55
GK	Trailer connections (AUS only)	page 56
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GQ	Horn	page 58
GU	Headlights adjust	page 59
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HM	Water heater	page 62
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OA Tyre pressure monitoring (TPM) ..... page 87
XA Bus J1708/J1587 ..... page 88
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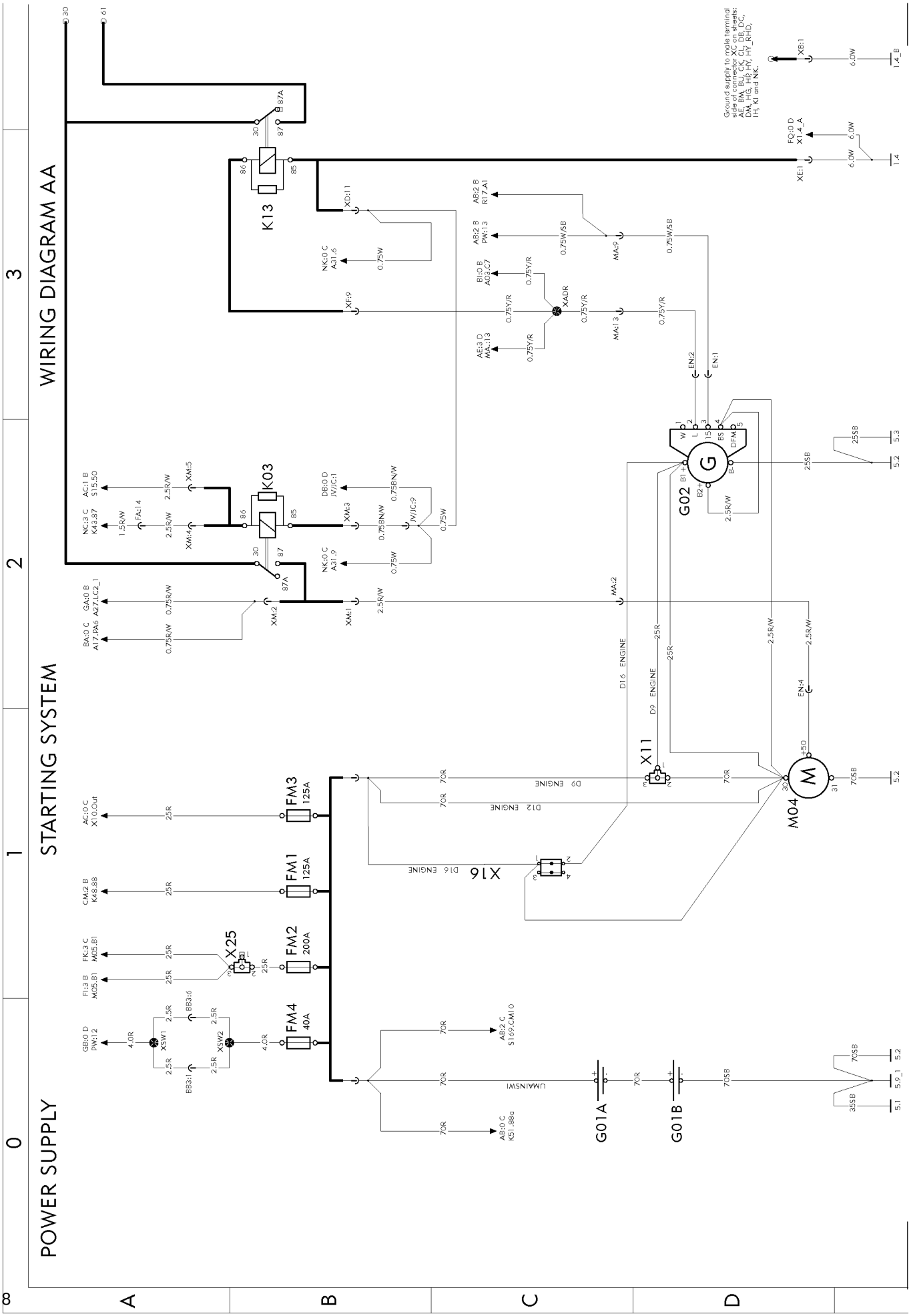
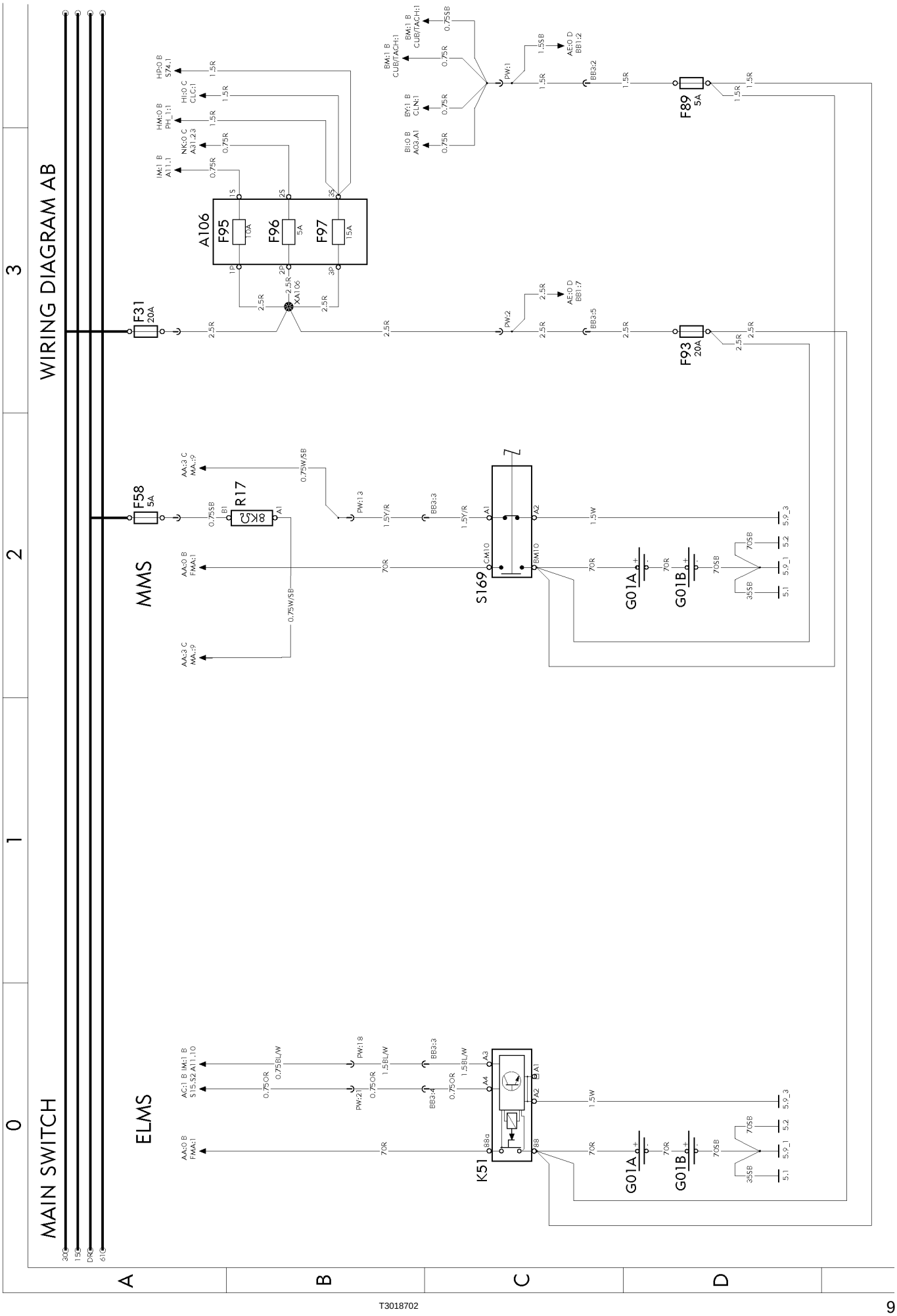
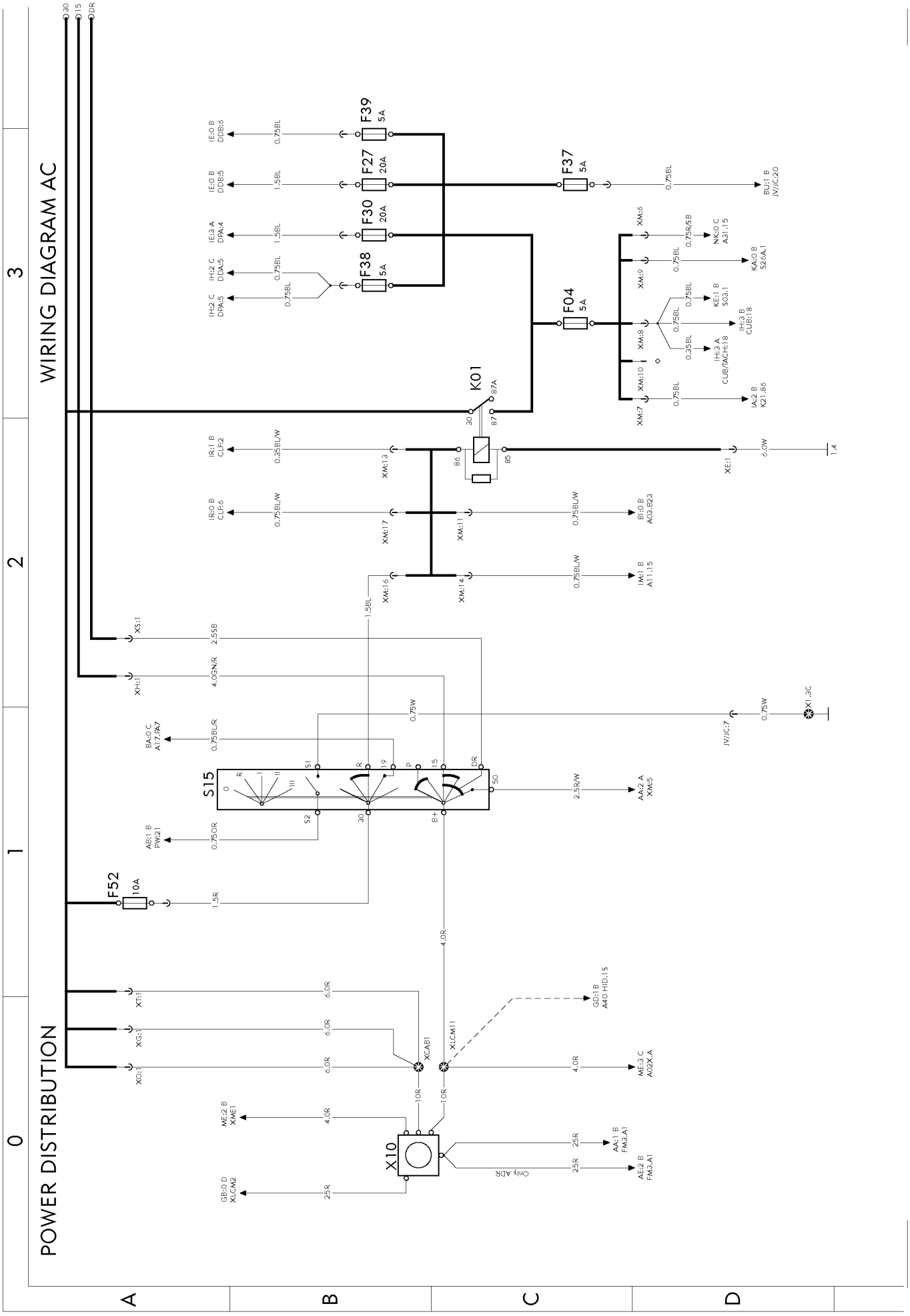
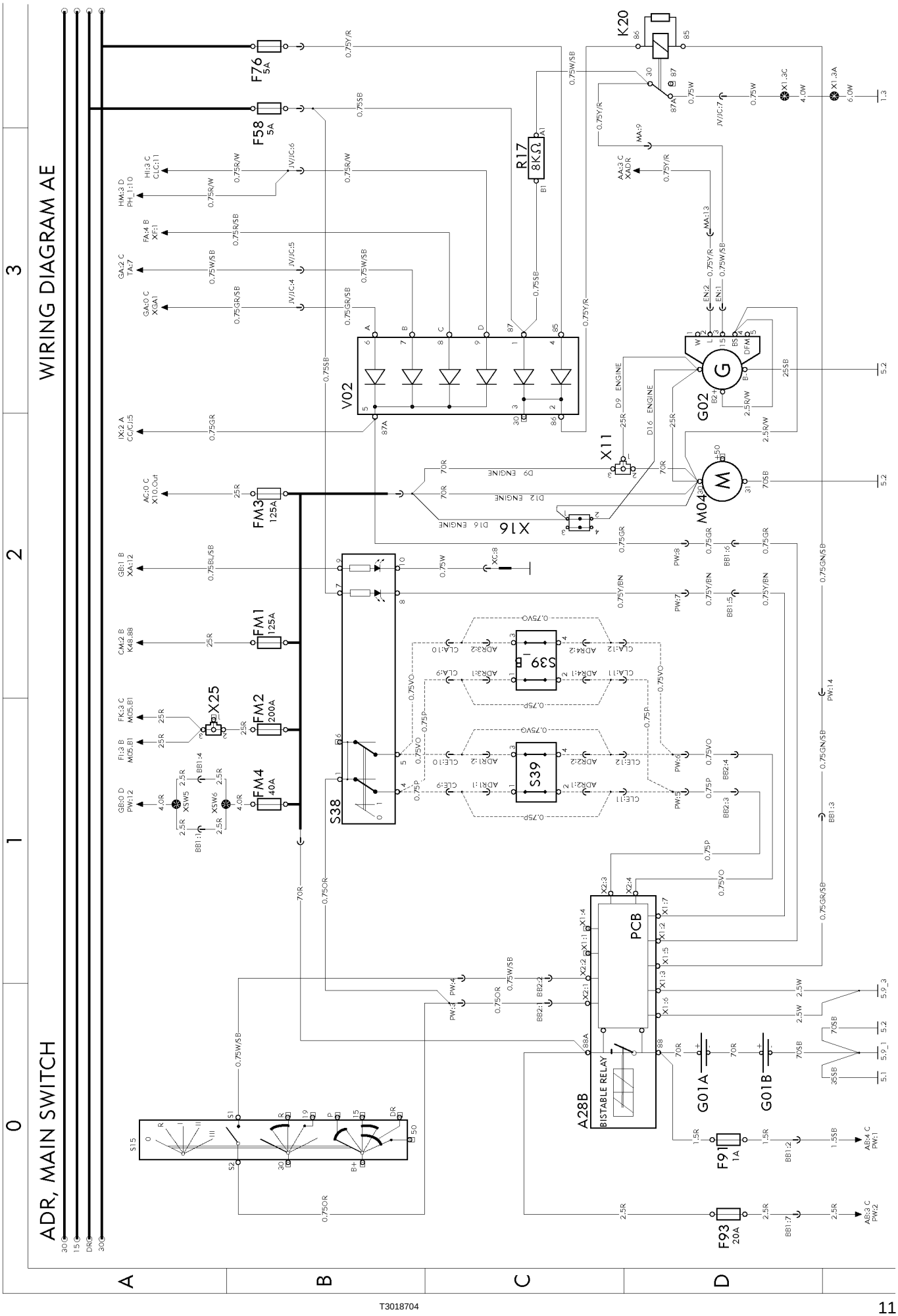
Component wiring diagrams

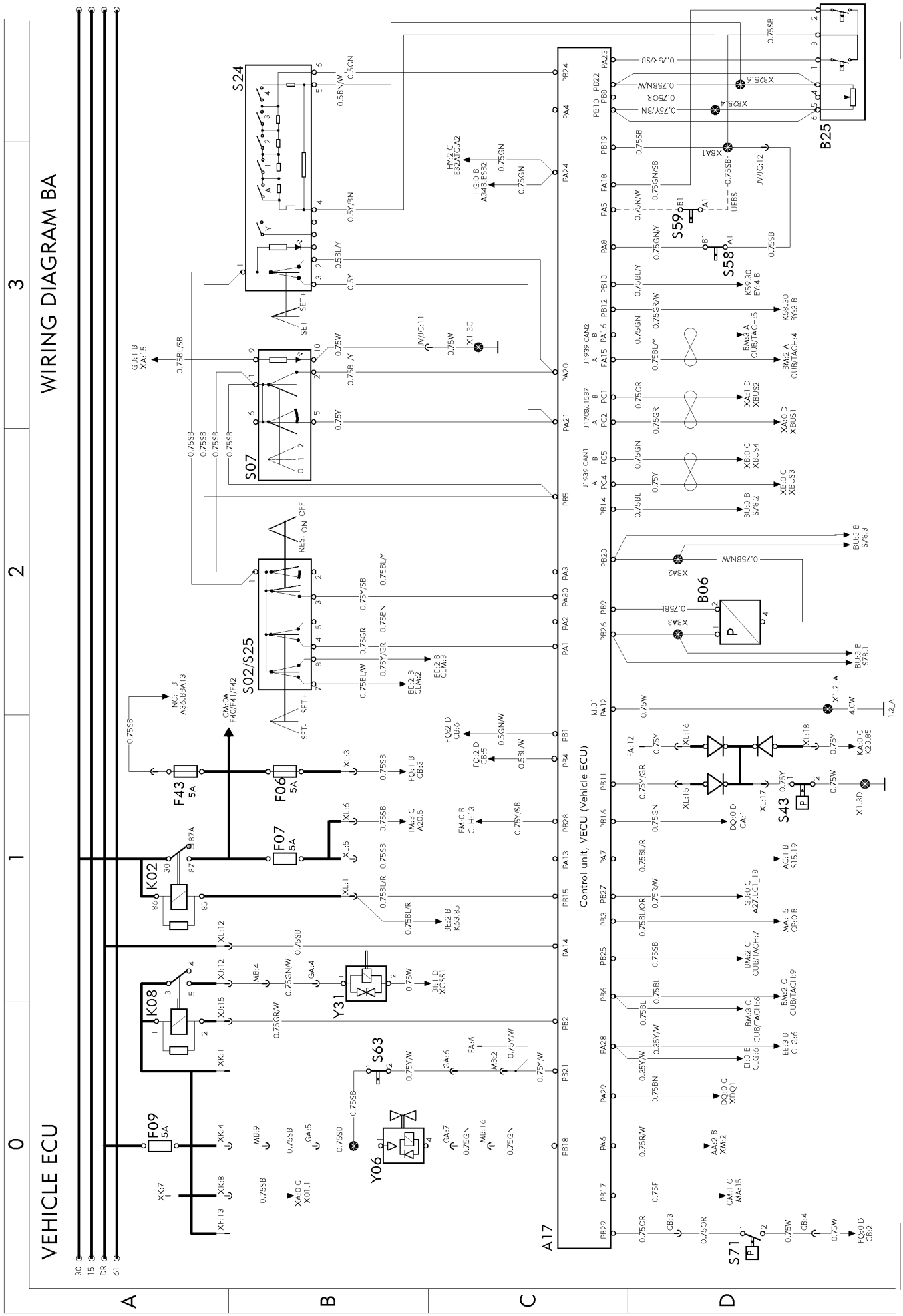



WIRING DIAGRAM AB
MAIN SWITCH
MMS
ELMS
A106
F95
F96
F97
F31
F58
F89
F93
R17
S169
K51
G01A
G01B
0
1
2
3
A
B
C
D

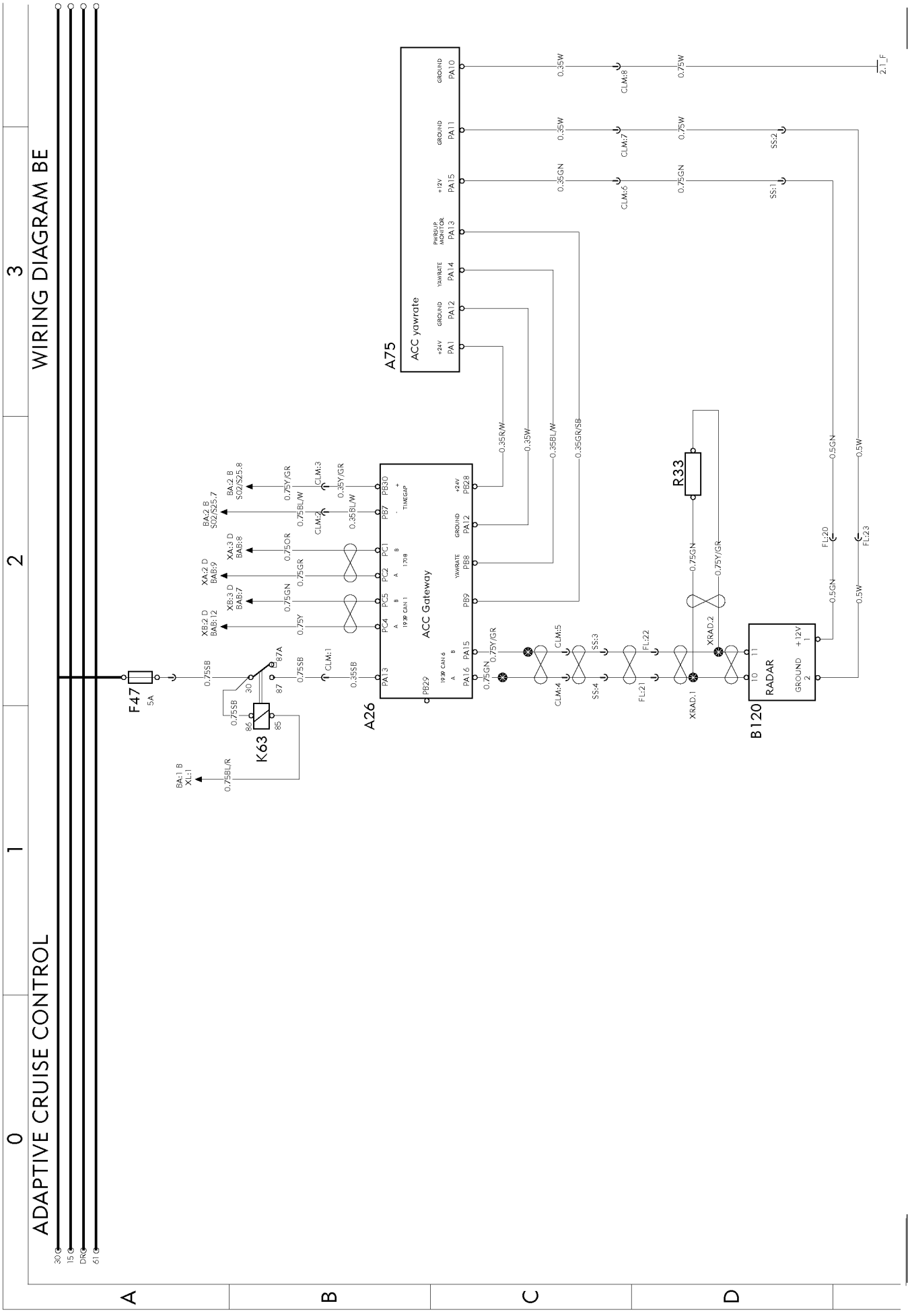

WIRING DIAGRAM AC
POWER DISTRIBUTION
30
15
DR
F39 5A
F27 20A
F30 20A
F38 5A
F37 5A
F04 5A
F52 10A
K01
87A
S15
X10
XCAB1
XLCM11
Only ADR
0
1
2
3
A
B
C
D

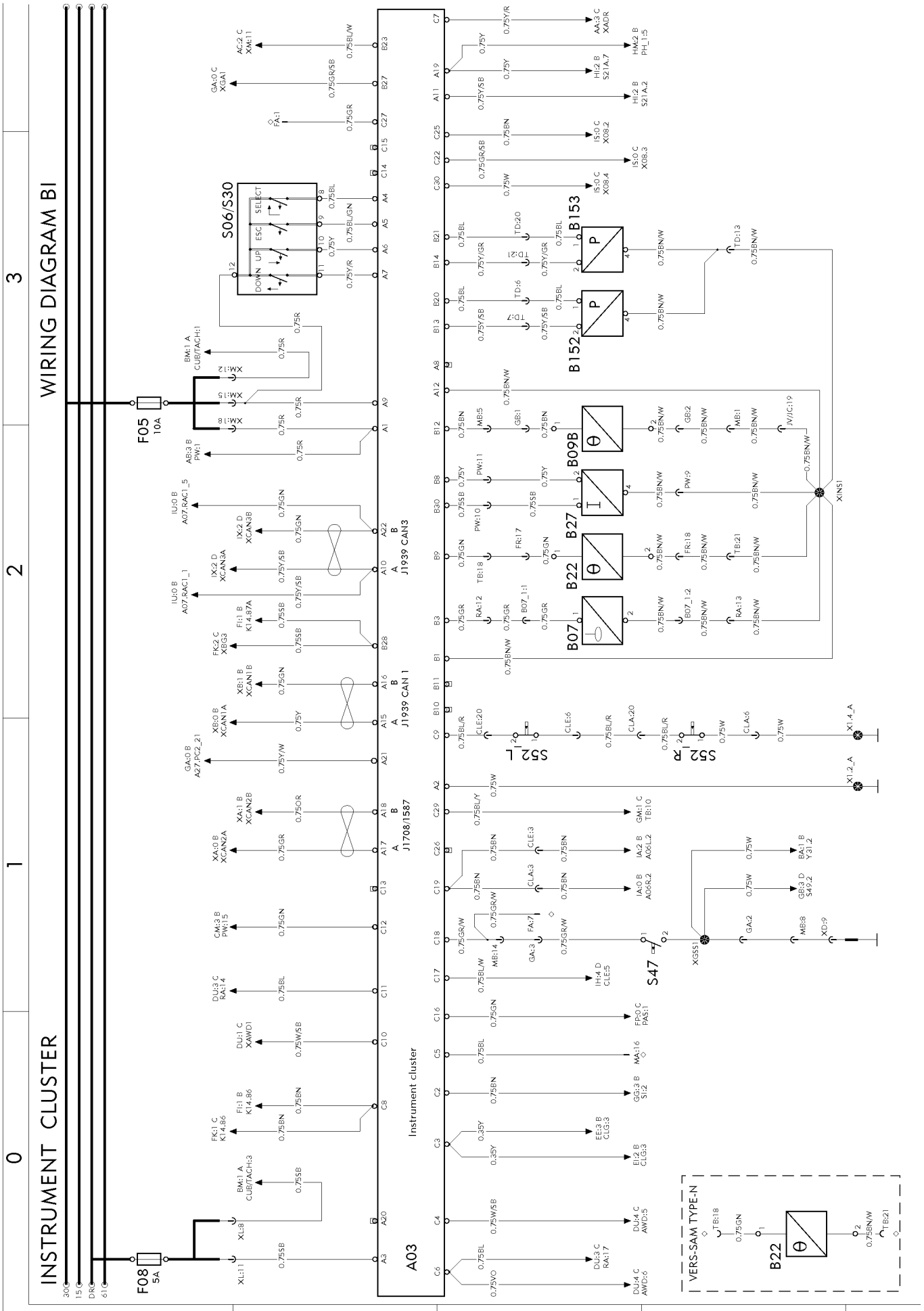
T3018703


WIRING DIAGRAM AE
ADR, MAIN SWITCH
F76 5A
F58 5A
R17 8KΩ
K20
V02
G02
M04
X11
X16
X25
FM1 125A
FM2 200A
FM3 125A
FM4 40A
S38
S39
PCB
A28B
BISTABLE RELAY
G01A
G01B
F91 1A
F93 20A

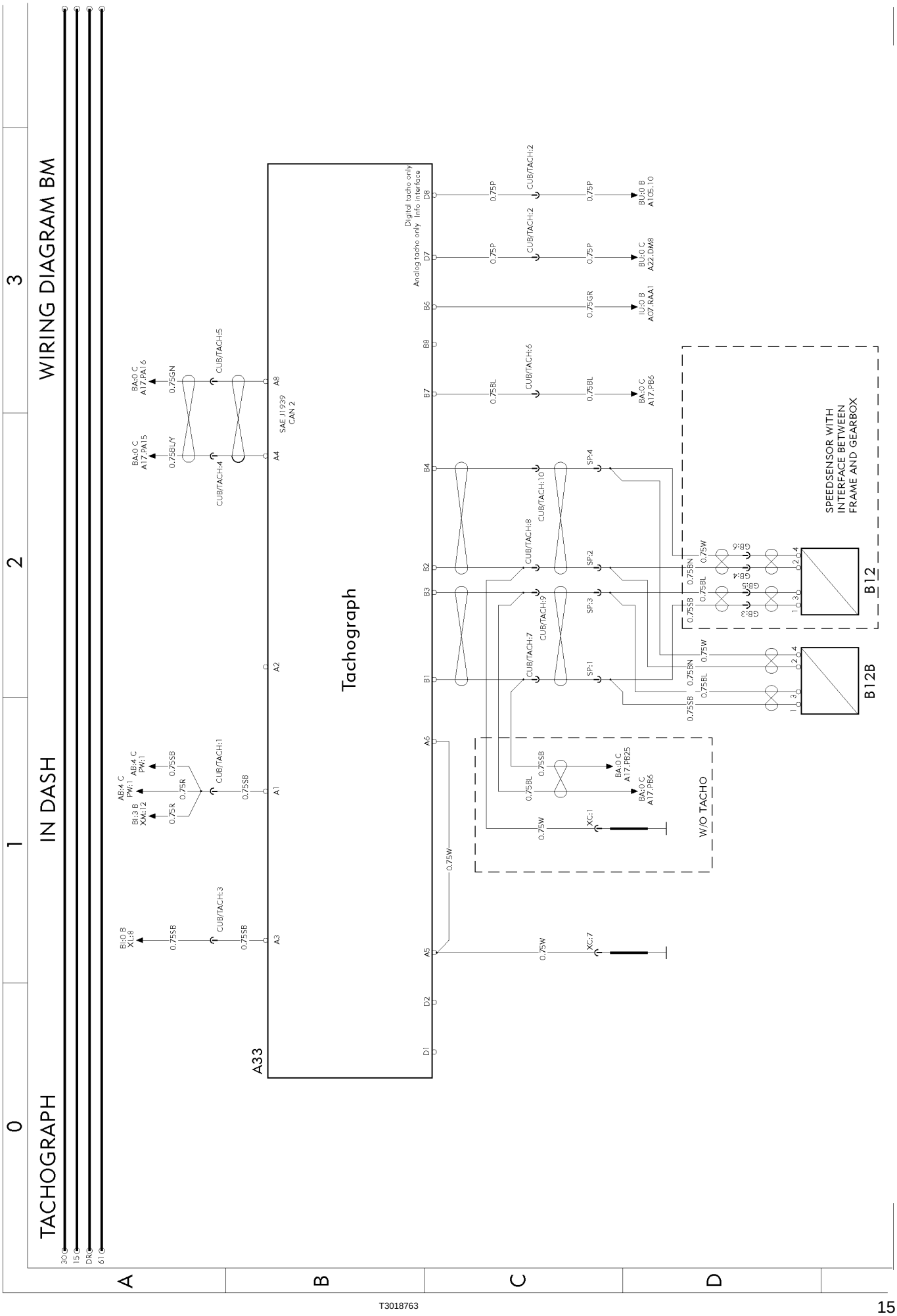

WIRING DIAGRAM BA
VEHICLE ECU
Control unit, VECU (Vehicle ECU)
A17
S24
S07
S02/S25
S59
S58
B25
B06
K02
K08
Y31
Y06
S63
S43
S71
F43 5A
F06 5A
F07 5A
F09 5A
0.75SB
0.75BL/SB
0.75BL/Y
0.75Y
0.75Y/SB
0.75BL/W
0.75Y/GR
0.75BL/R
0.75R/W
0.75GN/W
0.75Y/W
0.75GR/W
0.75BL/OR
0.75GN
0.75BN
0.75P
0.75OR
0.75W
0.75SB
0.75BL
0.75GN/SB
0.75GN/Y
0.75GR/W
0.75SB-
0.75R/SB
0.75SB/W
0.75OR
0.75Y/BN
0.5GN
0.5BN/W
0.5Y/BN
0.5BL/Y
0.5Y
0.5GN/W
0.5BL/W
0.75GR
0.75BN
0.35Y/W
4.0W
30
15
DR
61
A
B
C
D
0
1
2
3

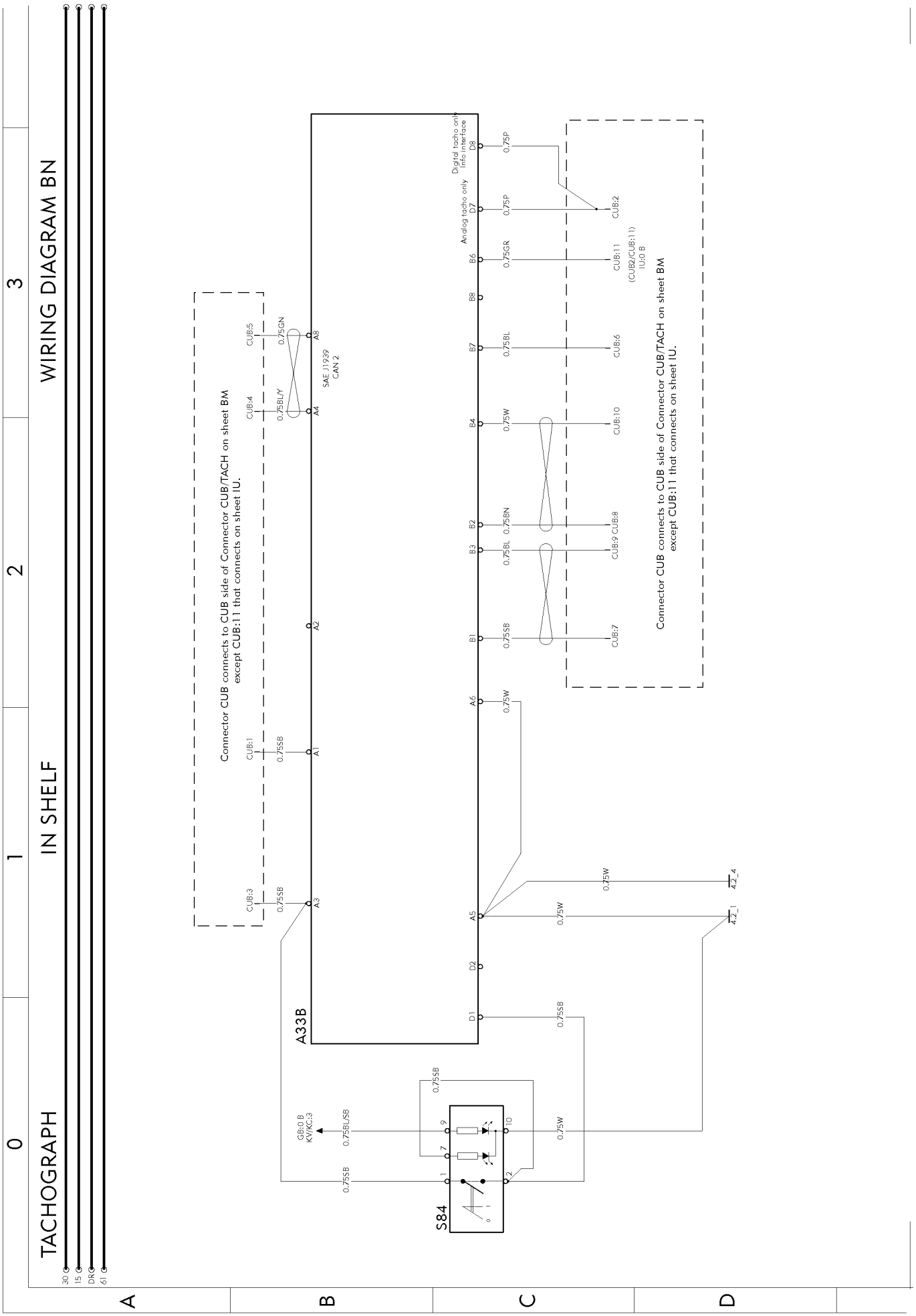
T3018705


ADAPTIVE CRUISE CONTROL
WIRING DIAGRAM BE
0
1
2
3
A
B
C
D
30
15
DR
61
F47
5A
K63
87A
87
30
86
85
A26
ACC Gateway
A75
ACC yawrate
B120
RADAR
R33
CLM:1
CLM:2
CLM:3
CLM:4
CLM:5
CLM:6
CLM:7
CLM:8
SS:1
SS:2
SS:3
SS:4
FL:20
FL:21
FL:22
FL:23
XRAD:1
XRAD:2
2.1_F
0.75SB
0.75BL/W
0.75Y/GR
0.35Y/GR
0.35BL/W
0.75OR
0.75GR
0.75GN
0.75Y
0.35SB
0.35R/W
0.35W
0.35BL/W
0.35GR/SB
0.75GN
0.75Y/GR
0.35W
0.35GN
0.75W
0.75GN
0.5GN
0.5W
BA:1 B
XL:1
BA:2 B
S02/S25.7
BA:2 B
S02/S25.8
XA:3 D
BAB:8
XA:2 D
BAB:9
XB:3 D
BAB:7
XB:2 D
BAB:12
PWRSUP. MONITOR
YAWRATE
GROUND
+12V
+24V
TIMEGAP
1939 CAN 1
1939 CAN 6
1708

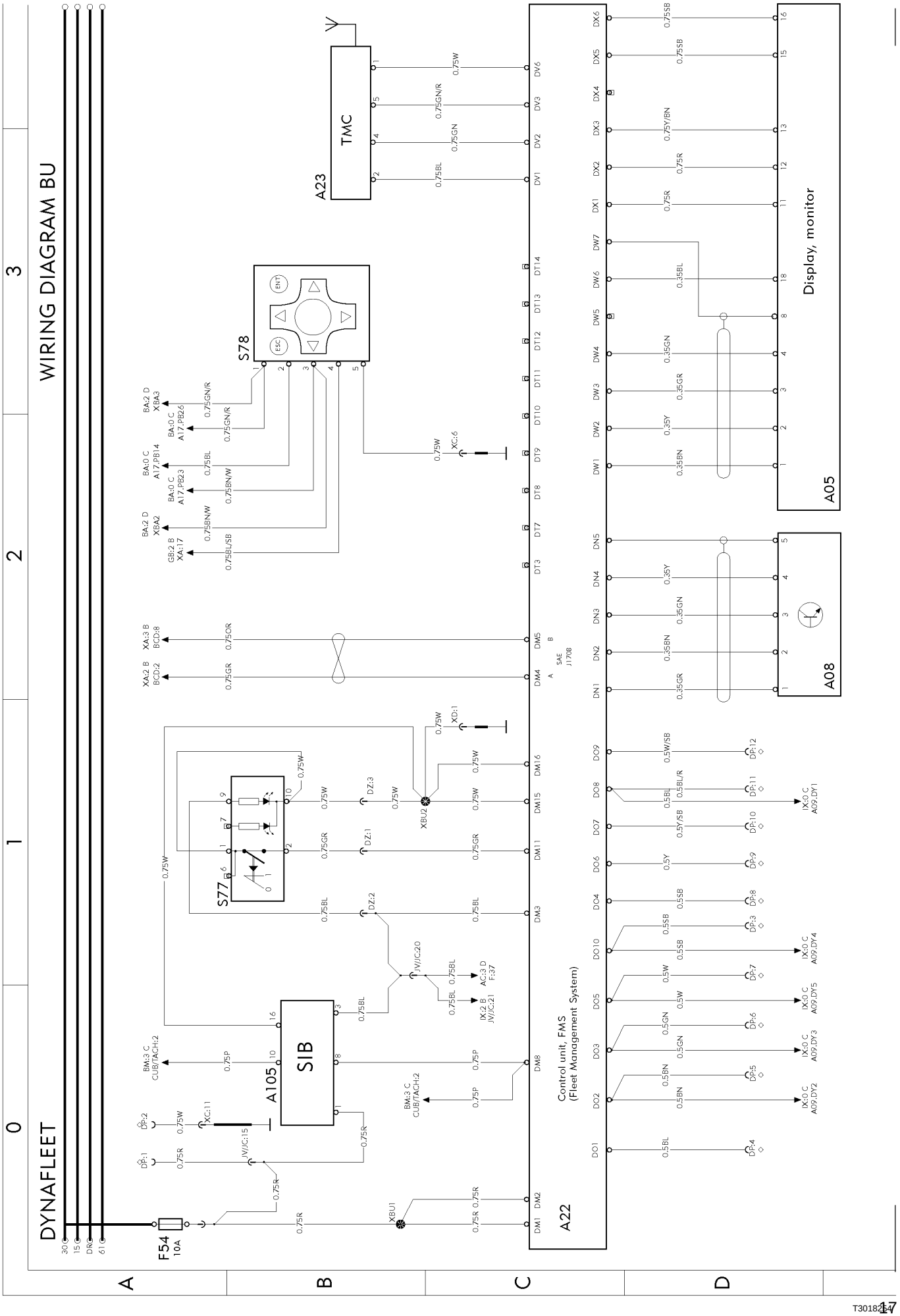

INSTRUMENT CLUSTER
WIRING DIAGRAM BI
0
1
2
3
A
B
C
D
30
15
DRL
61
F08
5A
F05
10A
A03
Instrument cluster
J1939 CAN 3
J1939 CAN 1
J1708/1587
S06/S30
SELECT
ESC
UP
DOWN
S47
S52_L
S52_R
B22
B07
B27
B09B
B152
B153
VERS-SAM TYPE-N
XINS1
XGSS1

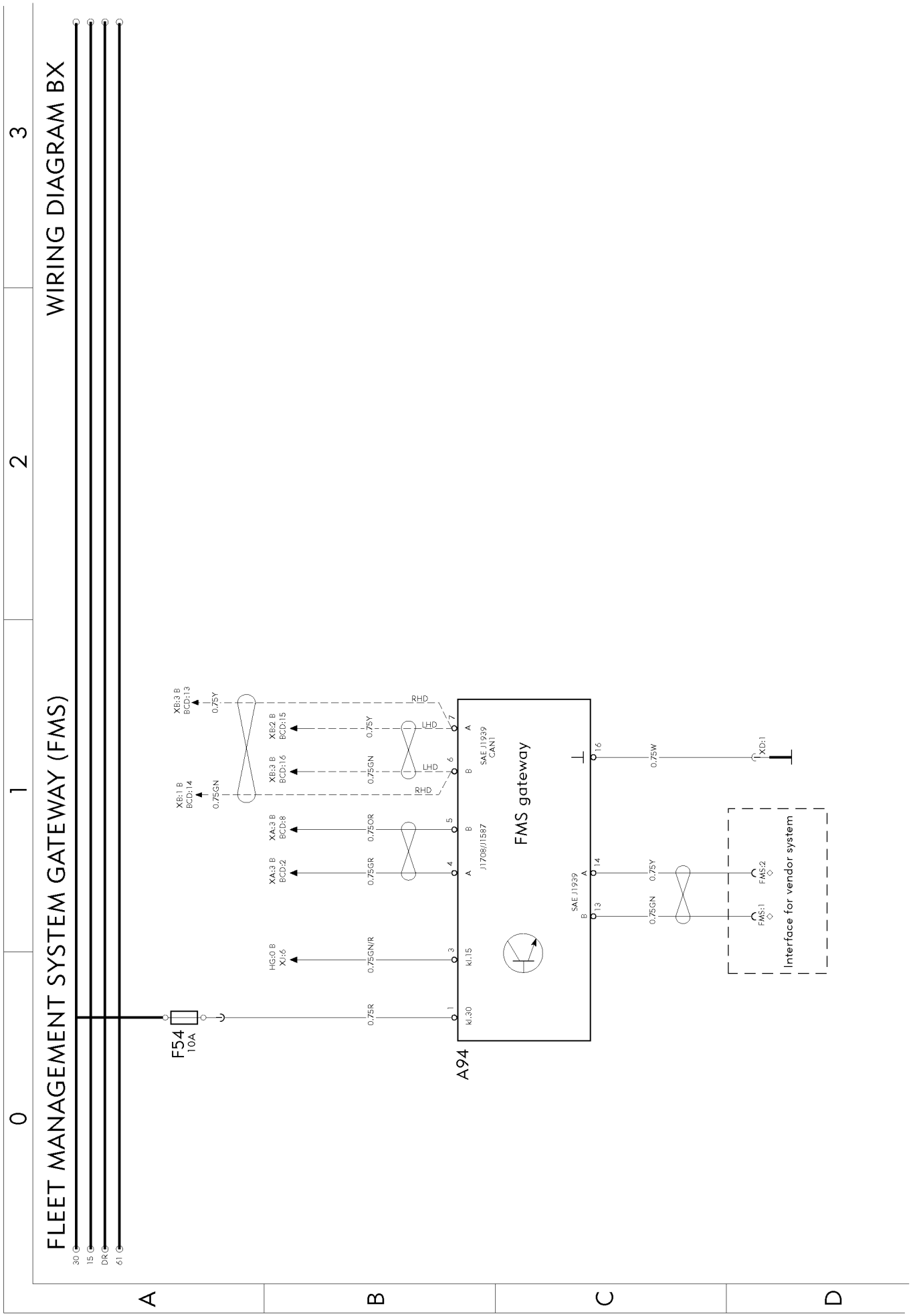
T3018706

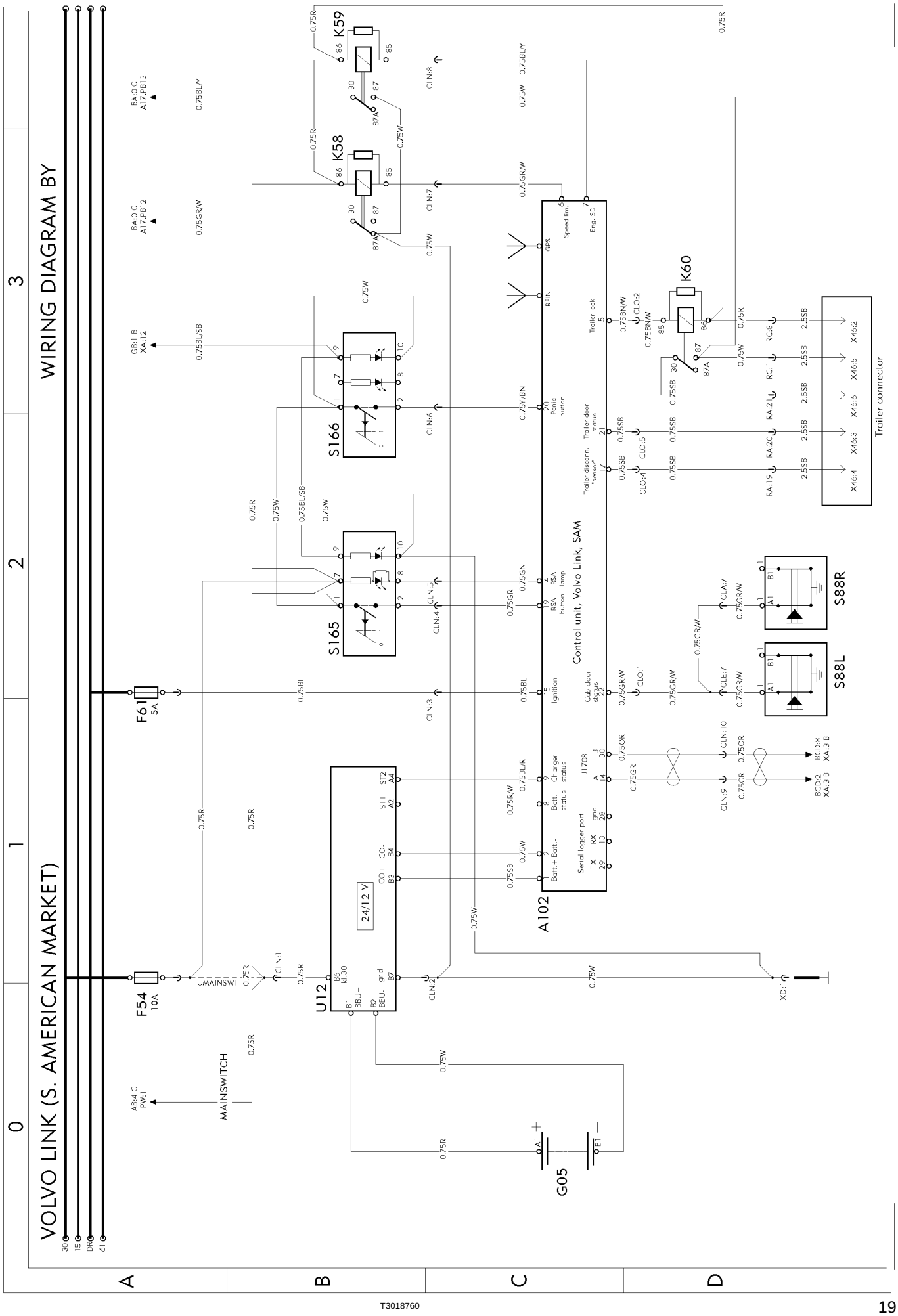

TACHOGRAPH
IN DASH
WIRING DIAGRAM BM
30
15
DR
61
A33
Tachograph
SAE J1939
CAN 2
Digital tacho only
Analog tacho only
Info interface
W/O TACHO
SPEEDSENSOR WITH
INTERFACE BETWEEN
FRAME AND GEARBOX
B12
B12B
T3018763

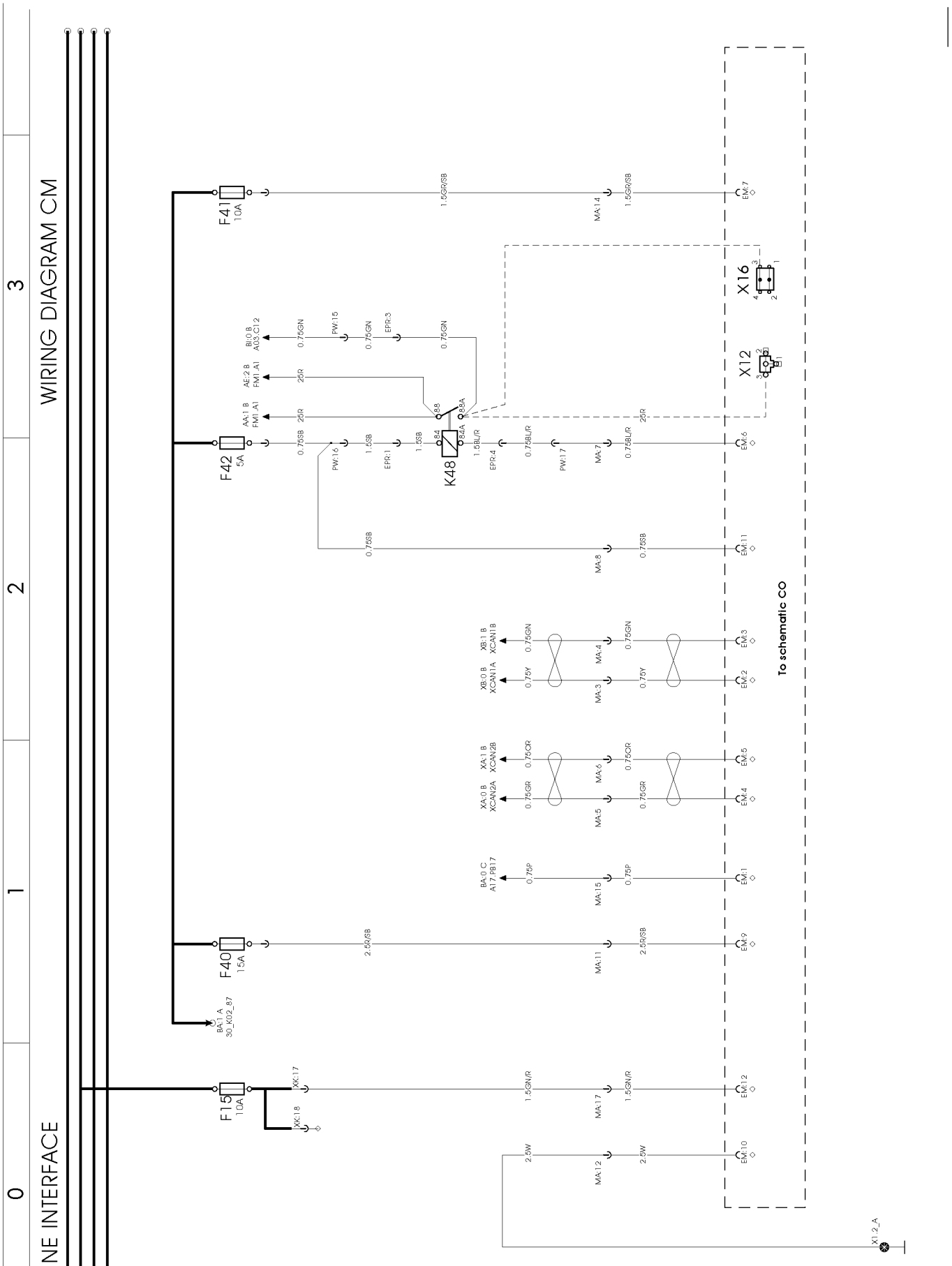

WIRING DIAGRAM BN
TACHOGRAPH
IN SHELF
0
1
2
3
A
B
C
D
30
15
DR
61
A33B
S84
Connector CUB connects to CUB side of Connector CUB/TACH on sheet BM
except CUB:11 that connects on sheet IU.
Connector CUB connects to CUB side of Connector CUB/TACH on sheet BM
except CUB:11 that connects on sheet IU.
SAE J1939
CAN 2
Digital tacho only
Info interface
Analog tacho only
(CUB2/CUB:11)
IU:0 B
GB:0 B
KV/KC:3
0.75SB
0.75BL/SB
0.75W
0.75BL/Y
0.75GN
0.75P
0.75GR
0.75BL
0.75BN

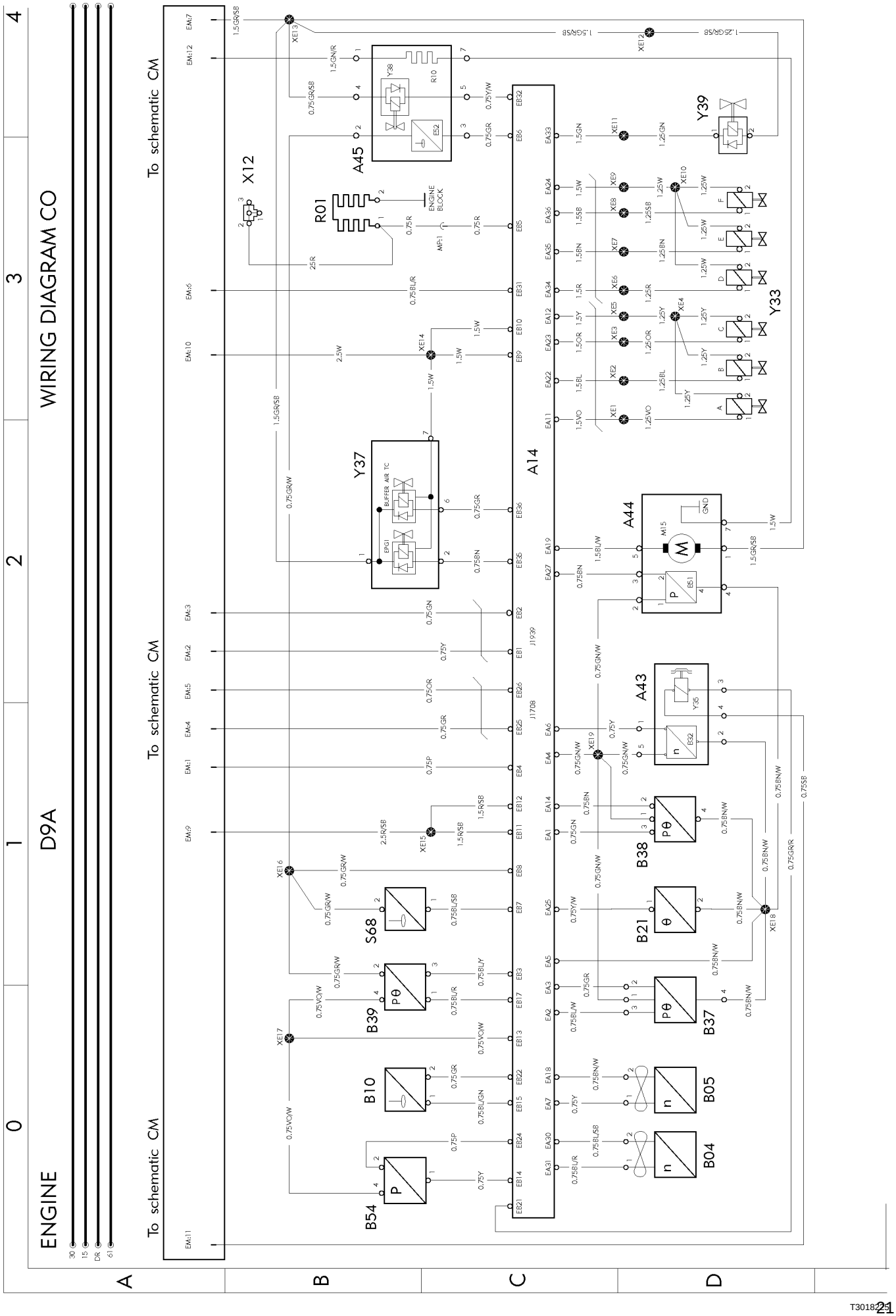
T3018707

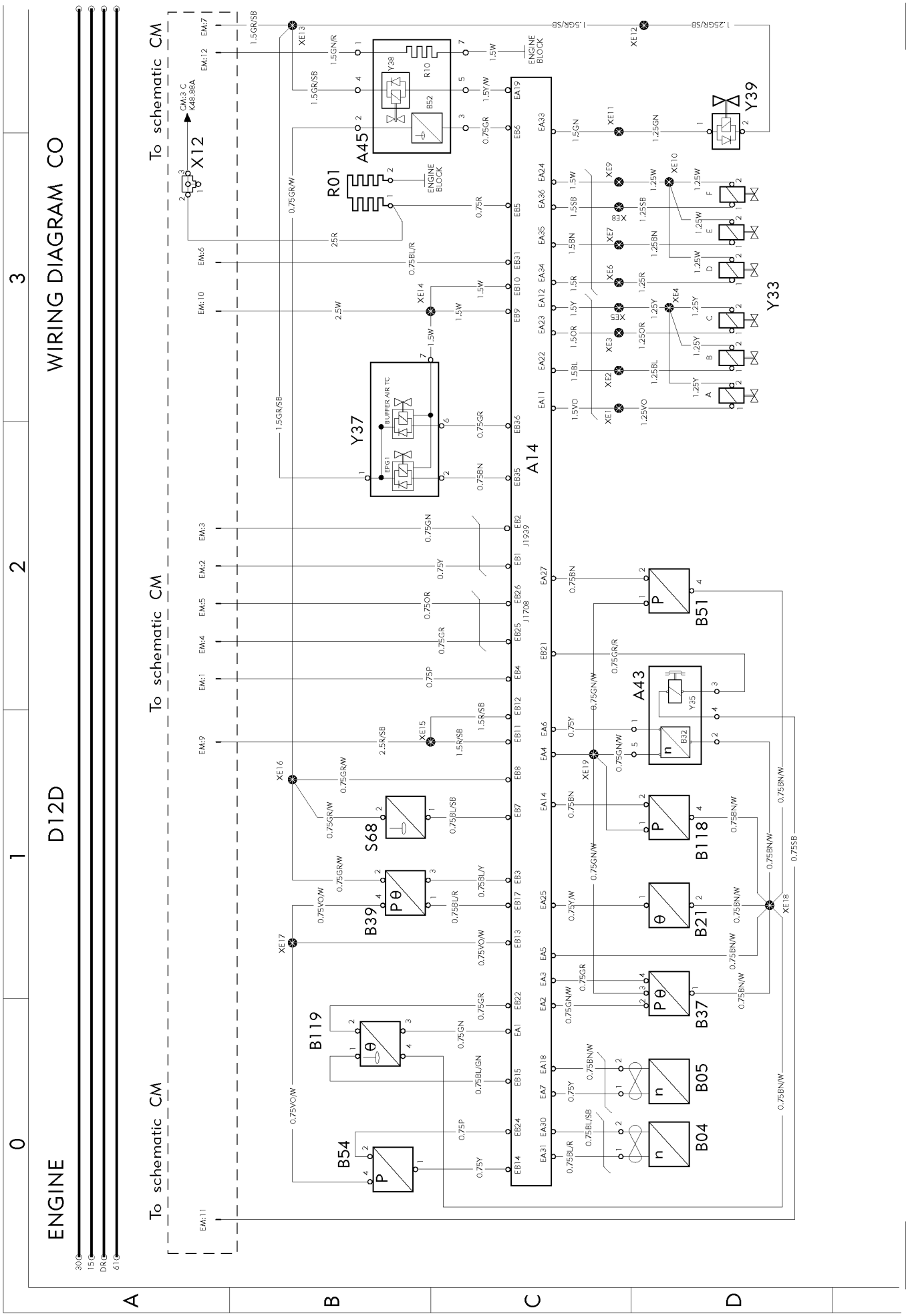

WIRING DIAGRAM BU
DYNAFLEET
A22
Control unit, FMS
(Fleet Management System)
A23
TMC
A05
Display, monitor
A08
A105
SIB
S78
S77
F54
10A

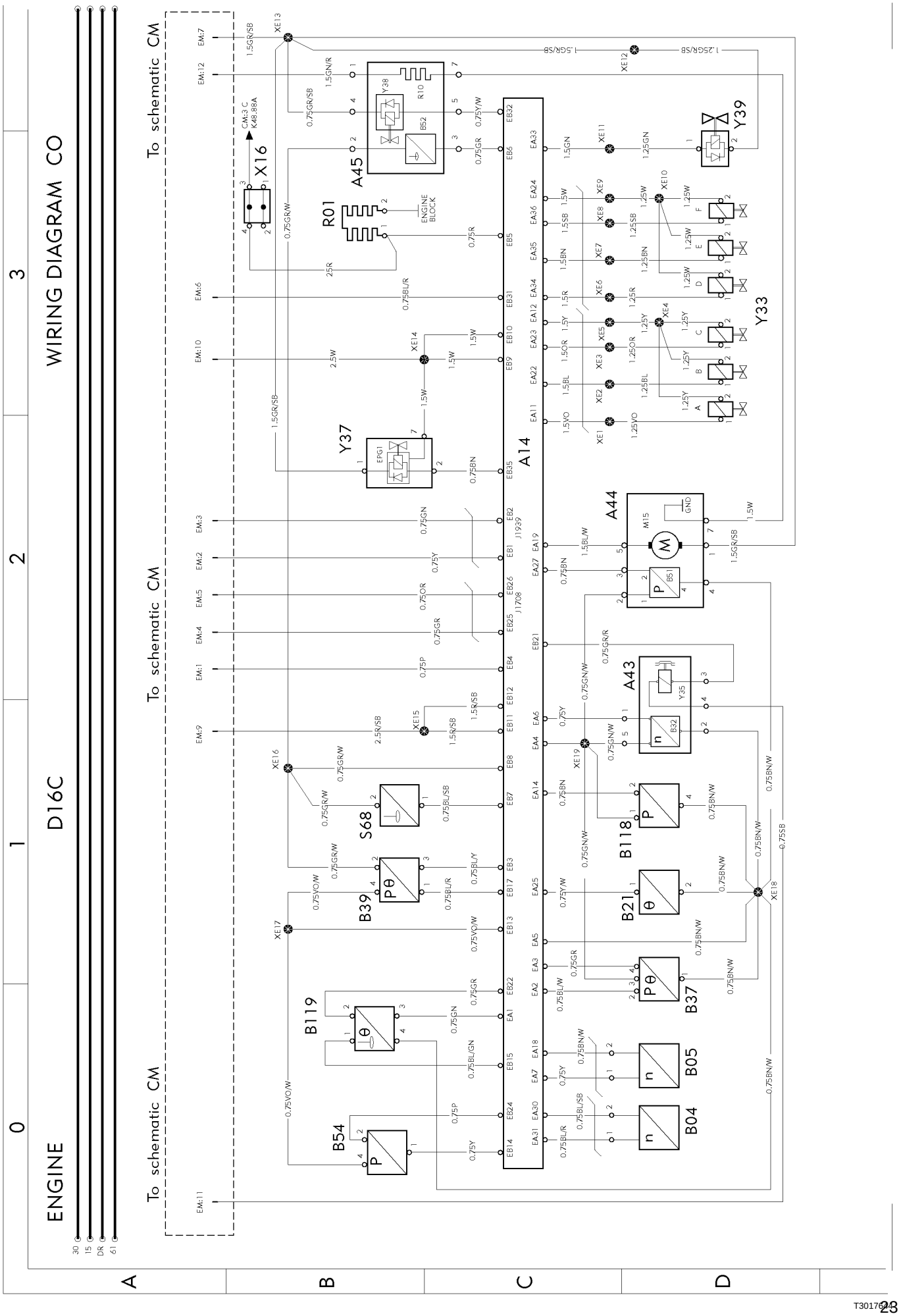

WIRING DIAGRAM BX
FLEET MANAGEMENT SYSTEM GATEWAY (FMS)
0
1
2
3
A
B
C
D
30
15
DR
61
F54
10A
A94
FMS gateway
SAE J1939
CAN1
J1708/J1587
kl.30
kl.15
kl.30
kl.15
SAE J1939
A
B
RHD
LHD
LHD
RHD
0.75R
0.75GN/R
0.75GR
0.75OR
0.75GN
0.75Y
0.75Y
0.75GN
0.75W
0.75Y
0.75GN
HG:0 B
XJ:6
XA:3 B
BCD:2
XA:3 B
BCD:8
XB:3 B
BCD:16
XB:2 B
BCD:15
XB:3 B
BCD:13
XB:1 B
BCD:14
XD:1
FMS:1
FMS:2
Interface for vendor system

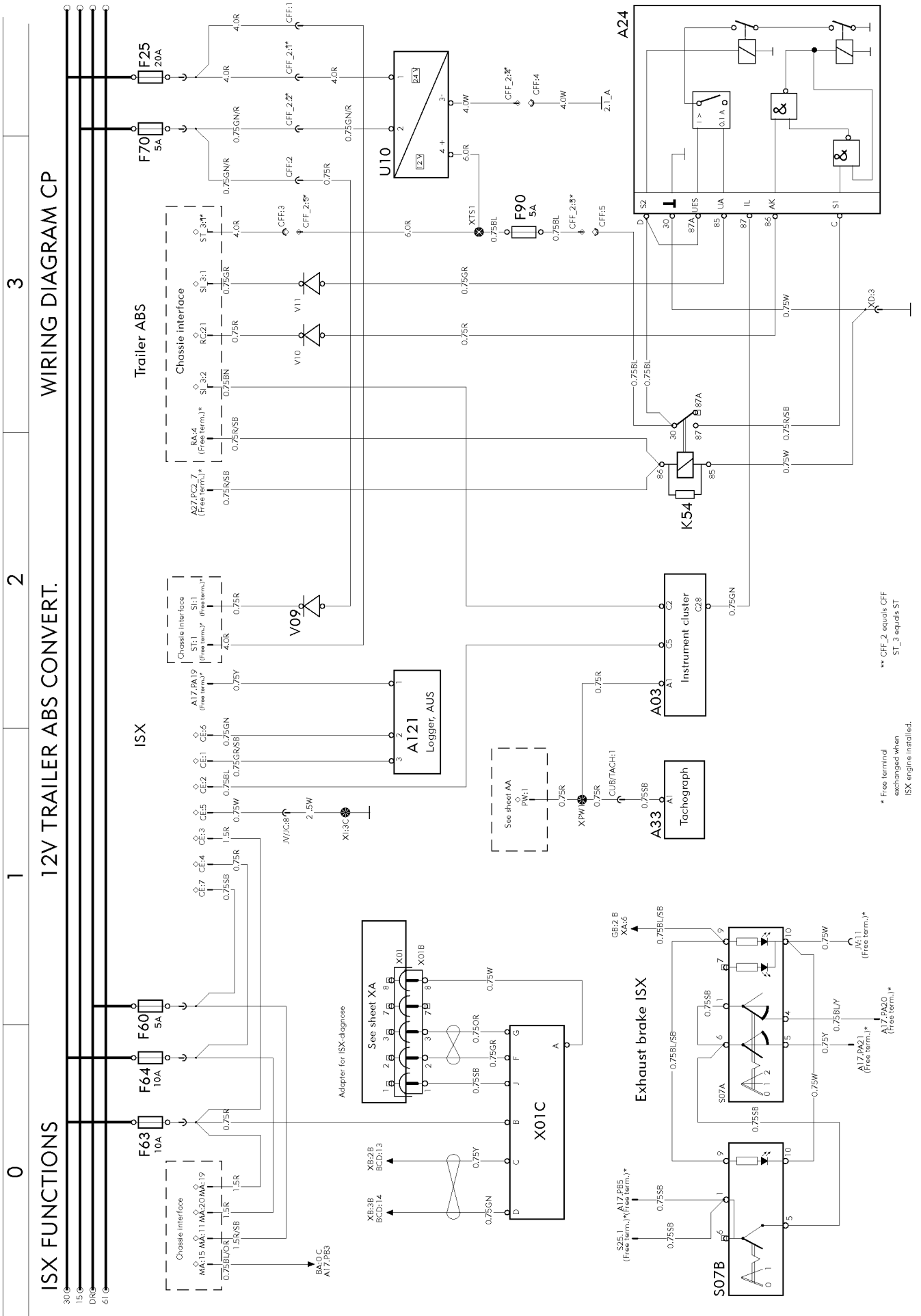

VOLVO LINK (S. AMERICAN MARKET)
WIRING DIAGRAM BY
Control unit, Volvo Link, SAM
A102
U12
24/12 V
MAINSWITCH
UMAINSWI
F54 10A
F61 5A
G05
S165
S166
S88R
S88L
K58
K59
K60
Trailer connector
Serial logger port
J1708
Cab door status
Ignition
Batt. status
Charger status
Trailer disconn. sensor
Trailer door status
Trailer lock.
Panic button
RSA button
RSA lamp
Speed lim.
Eng. SD
GPS
RHN

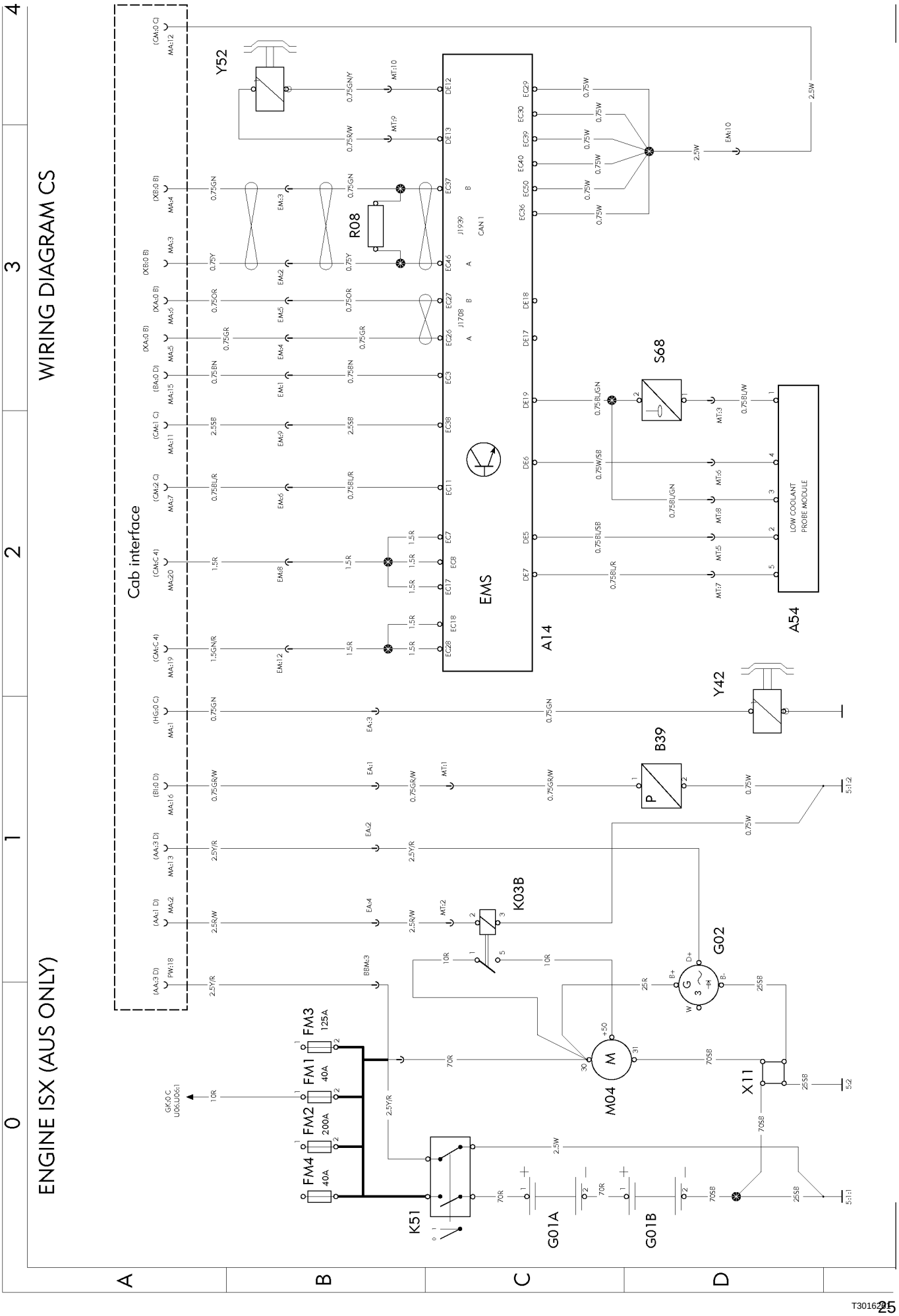

WIRING DIAGRAM CM
ENGINE INTERFACE
0
1
2
3
A
B
C
D
30
15
DR
61
F41 10A
F42 5A
F40 15A
F15 10A
K48
X16
X12
To schematic CO
X1:2_A

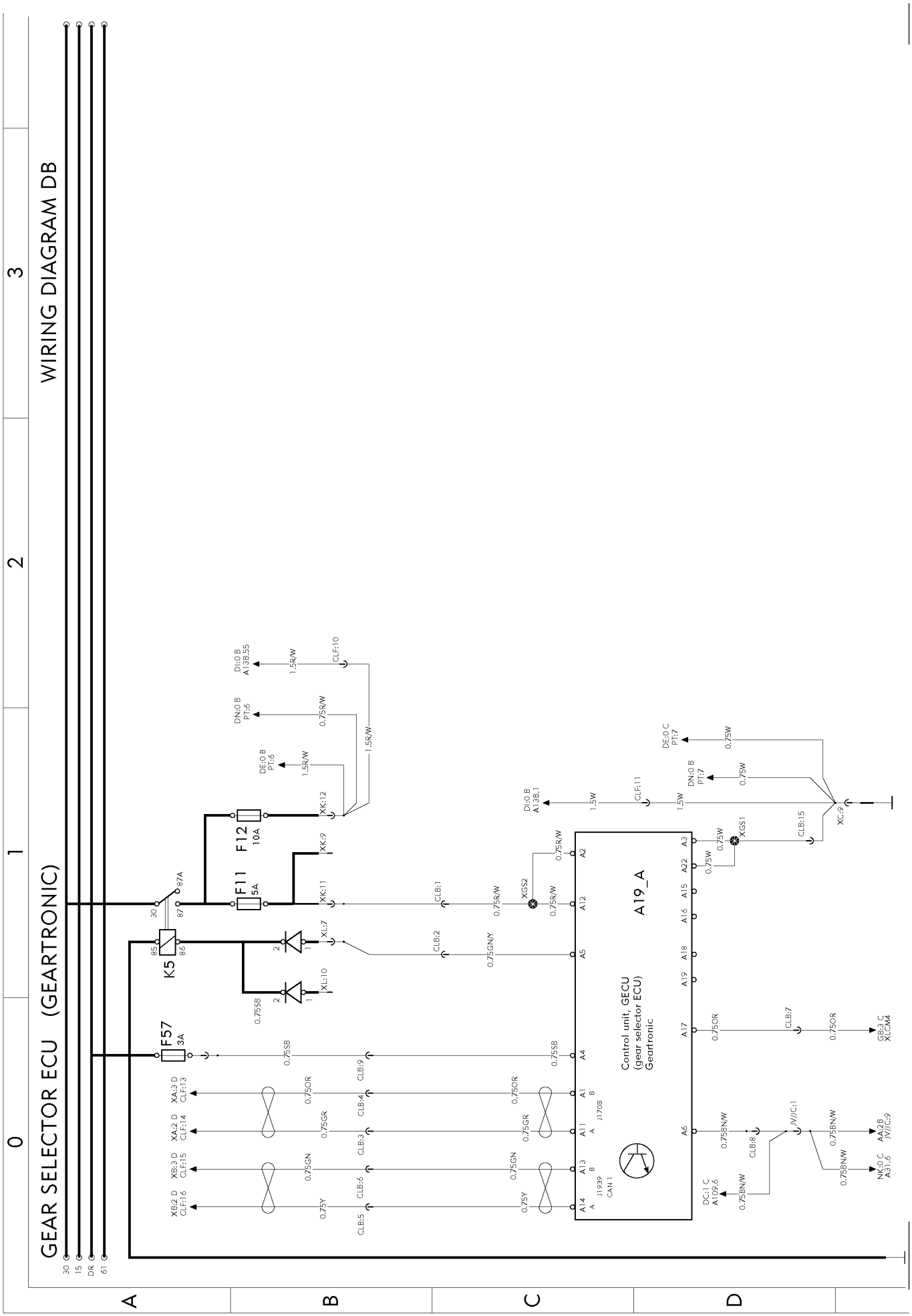

ENGINE
D9A
WIRING DIAGRAM CO
To schematic CM
X12
A45
R01
Y37
A14
A44
A43
Y39
Y33
B54
B10
B39
S68
B38
B21
B37
B04
B05
XE13
XE14
XE15
XE16
XE17
XE18
XE19
XE12
XE11
XE10
XE9
XE8
XE7
XE6
XE5
XE4
XE3
XE2
XE1
ENGINE BLOCK
BUFFER AIR TC
GND

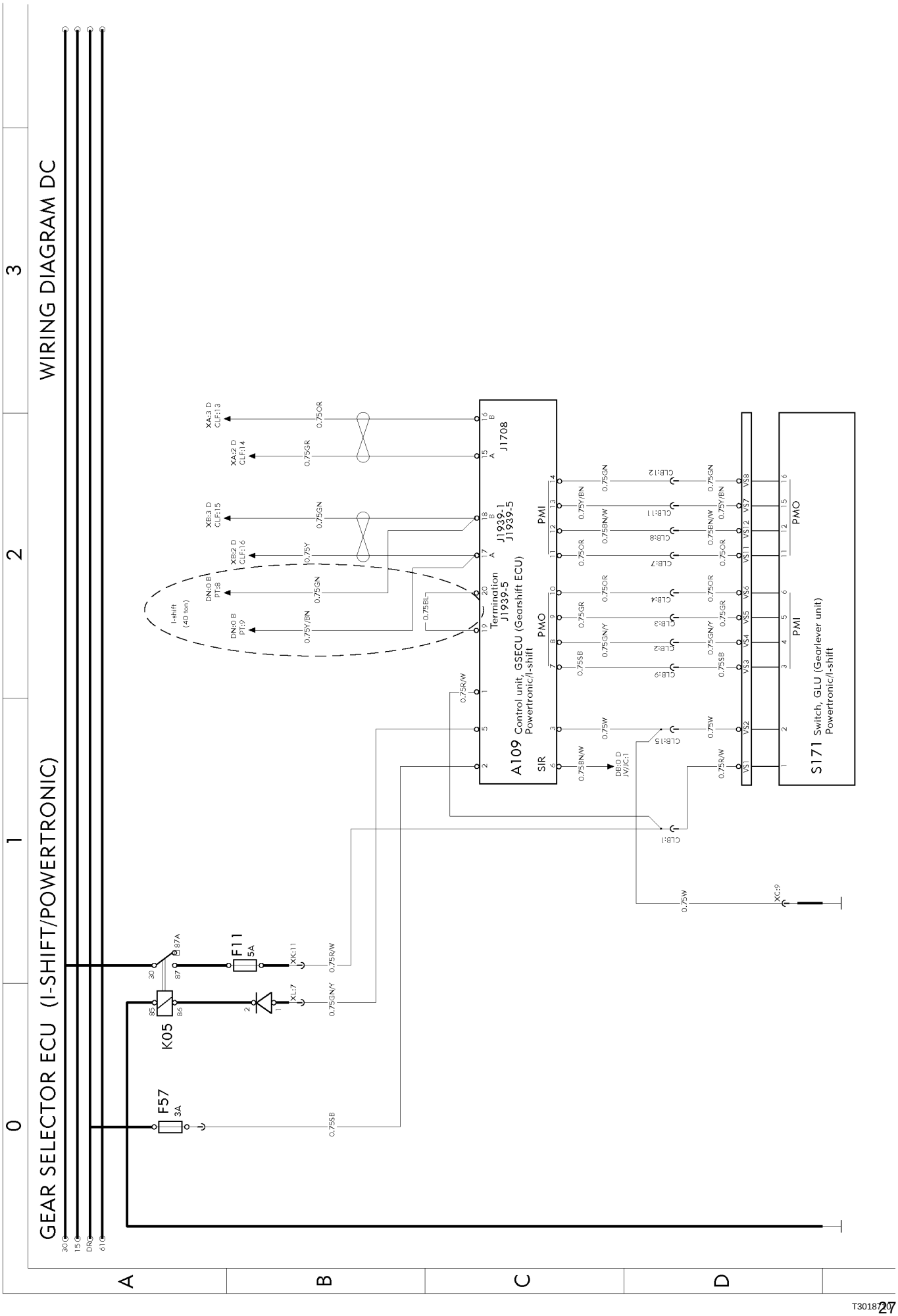

ENGINE
D12D
WIRING DIAGRAM CO
To schematic CM
X12
A14
A45
A43
Y33
Y37
Y39
R01
B119
B54
B39
S68
B37
B21
B118
B51
B04
B05
BUFFER AIR TC
ENGINE BLOCK

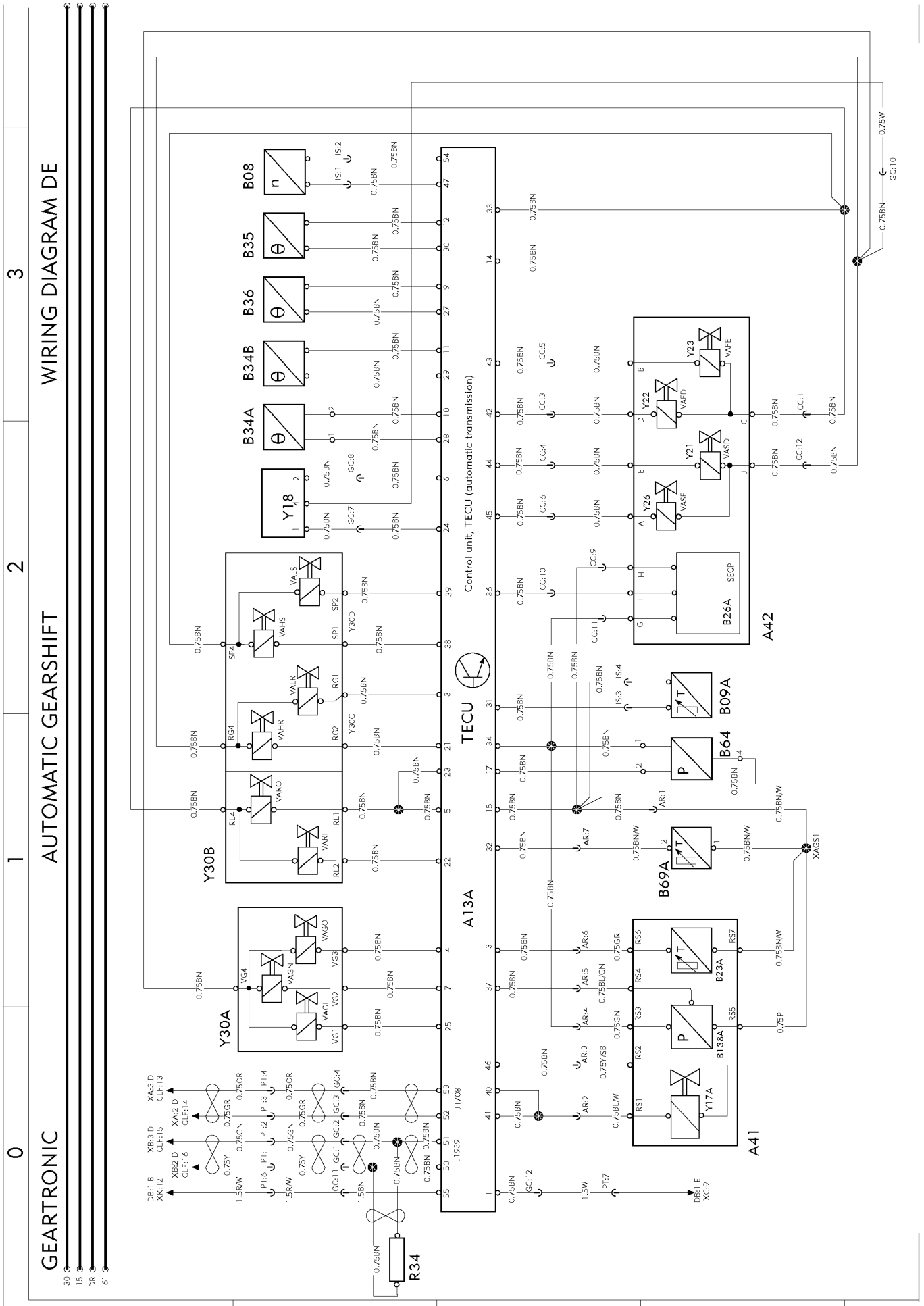

ENGINE
D16C
WIRING DIAGRAM CO
0
1
2
3
A
B
C
D
30
15
DR
61
To schematic CM
To schematic CM
To schematic CM
A14
A44
A43
A45
R01
Y37
Y33
Y39
X16
B54
B119
B39
S68
B37
B118
B21
B04
B05
XE13
XE14
XE15
XE16
XE17
XE18
XE19
XE12
XE11
XE10
XE9
XE8
XE7
XE6
XE5
XE4
XE3
XE2
XE1

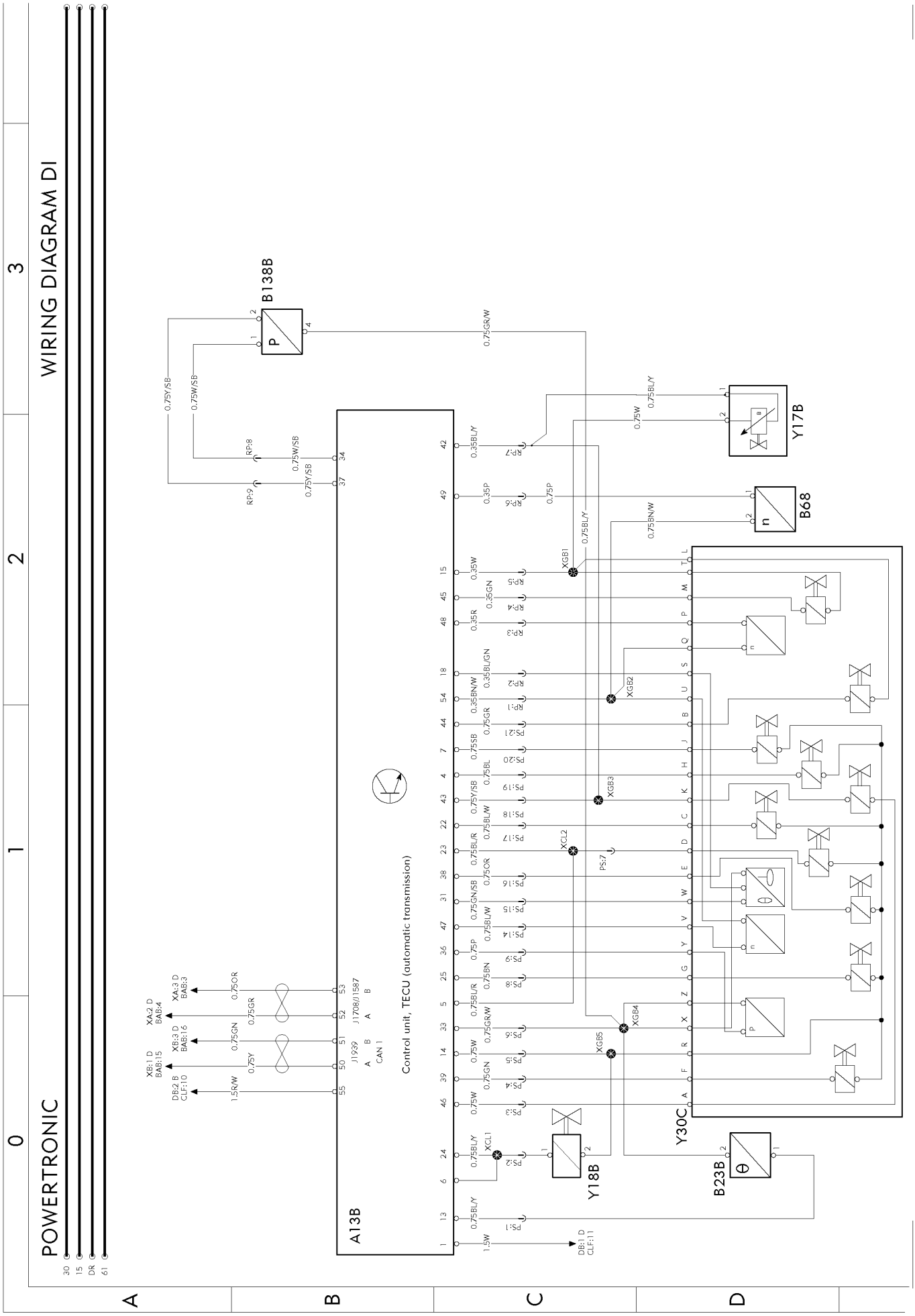

ISX FUNCTIONS
12V TRAILER ABS CONVERT.
WIRING DIAGRAM CP
Trailer ABS
ISX
Chassie interface
Instrument cluster
Logger, AUS
Tachograph
Exhaust brake ISX
Adapter for ISX-diagnose
See sheet XA
See sheet AA
* Free terminal exchanged when ISX engine installed.
** CFF_2 equals CFF ST_3 equals ST

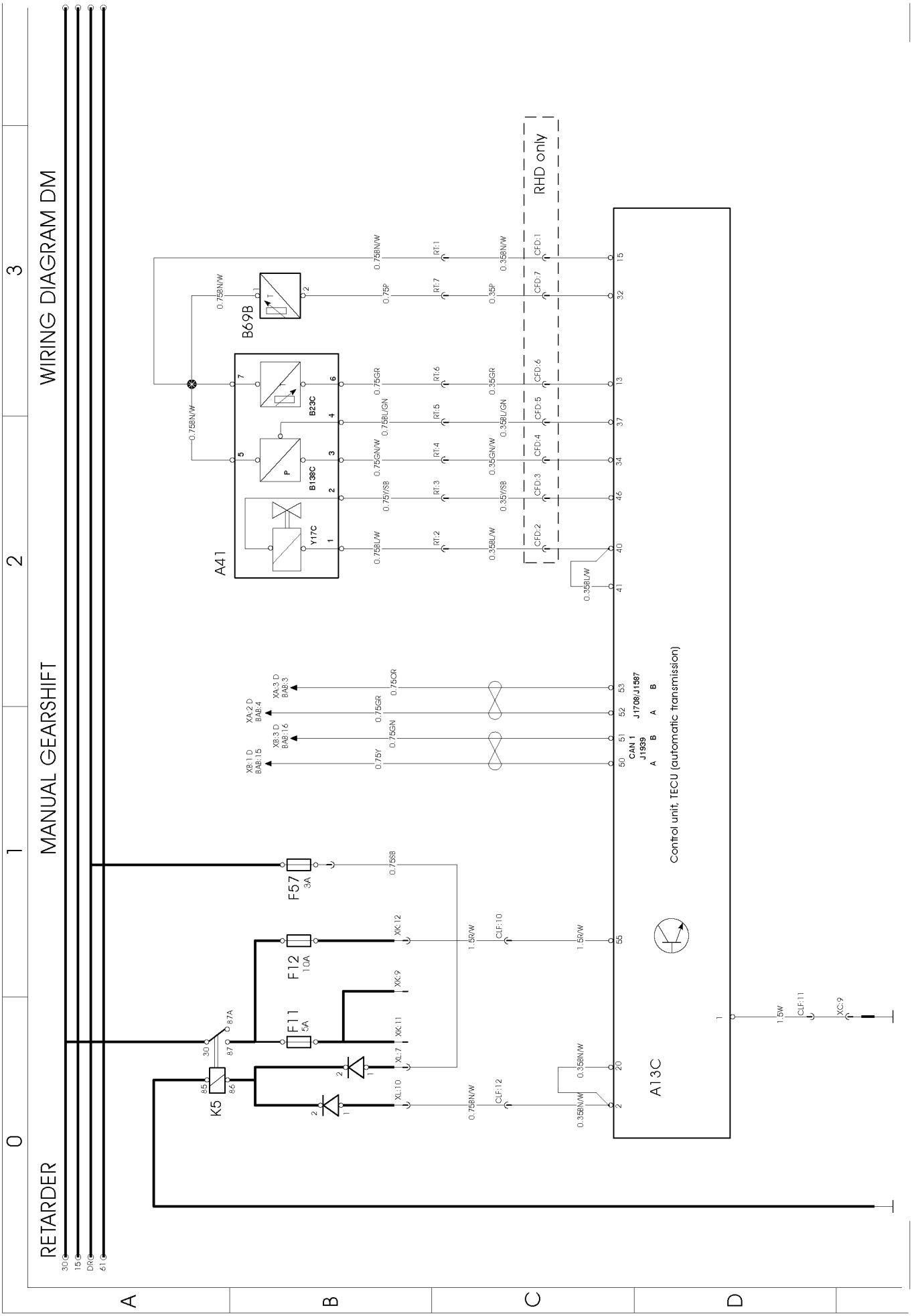

WIRING DIAGRAM CS
ENGINE ISX (AUS ONLY)
Cab interface
EMS
A14
Y52
R08
S68
A54
LOW COOLANT PROBE MODULE
Y42
B39
K03B
G02
M04
X11
K51
G01A
G01B
FM1 40A
FM2 200A
FM3 125A
FM4 40A
CAN 1
J1939
J1708

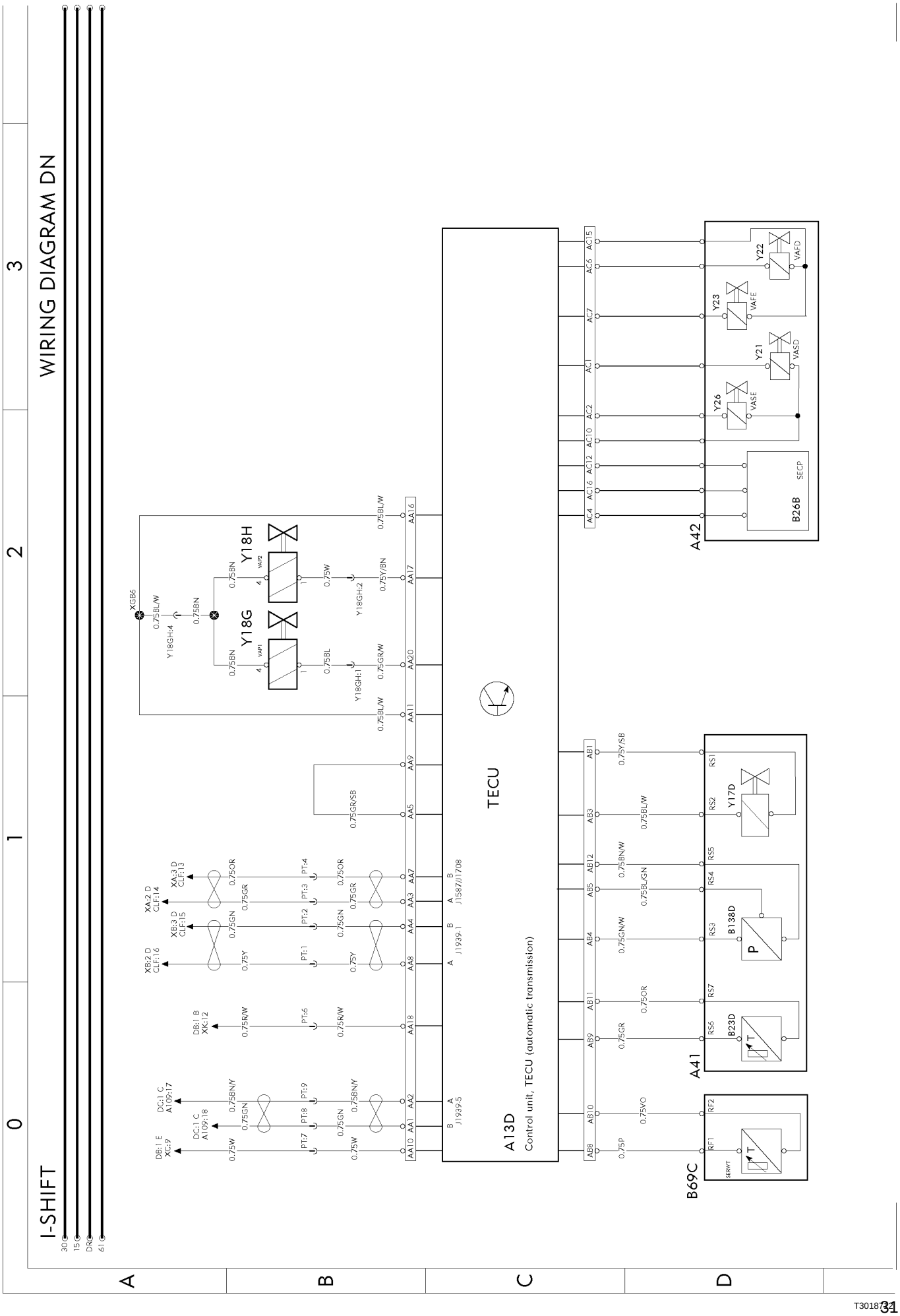

WIRING DIAGRAM DB
GEAR SELECTOR ECU (GEARTRONIC)
30
15
DR
61
F57 3A
F11 5A
F12 10A
K5
87A
XK:12
XK:9
XK:11
XL:7
XL:10
XGS1
XGS2
XC:9
CLB:15
CLB:1
CLB:2
CLB:3
CLB:4
CLB:5
CLB:6
CLB:7
CLB:8
CLB:9
CLF:10
CLF:11
A19_A
Control unit, GECU
(gear selector ECU)
Geartronic
J1939
CAN 1
J1708
0.75SB
0.75R/W
0.75GN/Y
0.75OR
0.75GR
0.75GN
0.75Y
0.75W
1.5R/W
1.5W
0.75BN/W
A
B
C
D

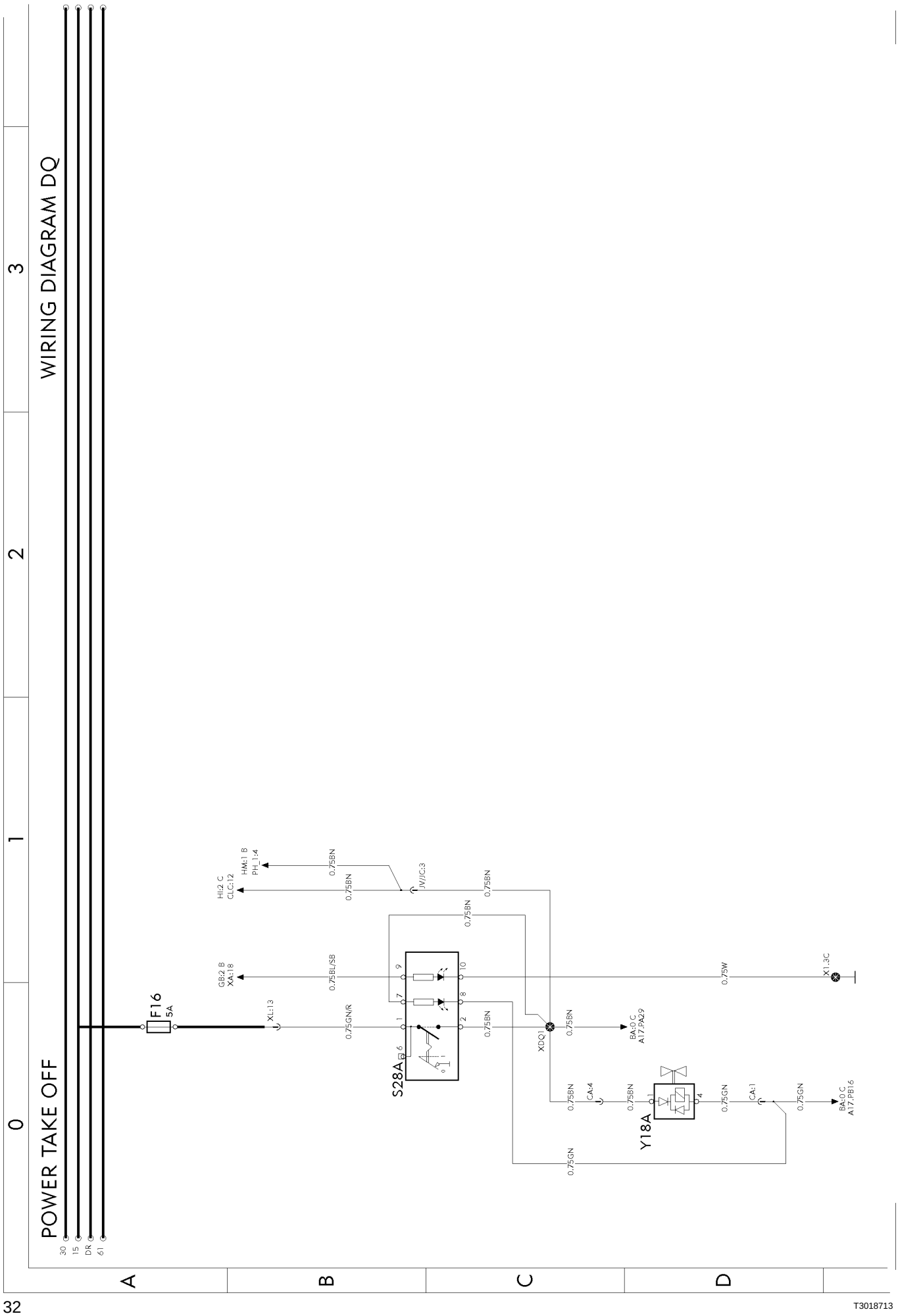

WIRING DIAGRAM DC
GEAR SELECTOR ECU (I-SHIFT/POWERTRONIC)
A109 Control unit, GSECU (Gearshift ECU) Powertronic/I-shift
S171 Switch, GLU (Gearlever unit) Powertronic/I-shift
J1708
J1939-1
J1939-5
Termination J1939-5
PMI
PMO
SIR
K05
F11 5A
F57 3A
I-shift (40 ton)

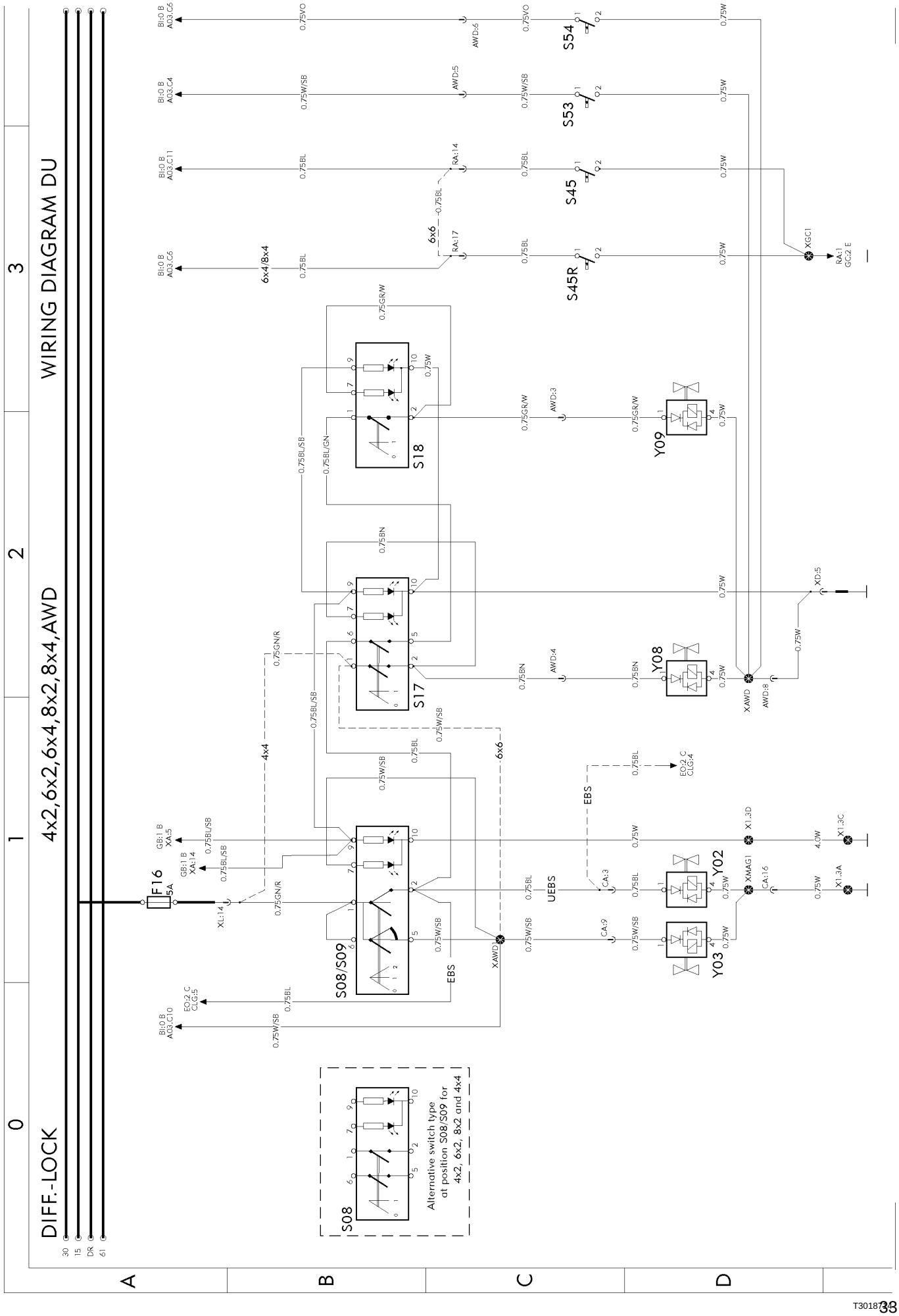

GEARTRONIC
AUTOMATIC GEARSHIFT
WIRING DIAGRAM DE
0
1
2
3
A
B
C
D
30
15
DR
61
TECU
Control unit, TECU (automatic transmission)
A13A
A41
A42
Y30A
Y30B
Y30C
Y30D
Y18
B34A
B34B
B36
B35
B08
B09A
B64
B69A
B138A
B23A
B26A
Y17A
Y21
Y22
Y23
Y26
R34
0.75BN
0.75W
0.75P
0.75BN/W
0.75BL/GN
0.75GR
0.75GN
0.75Y/SB
0.75BL/W
0.75Y
0.75GR
0.75OR
1.5R/W
1.5BN
1.5W

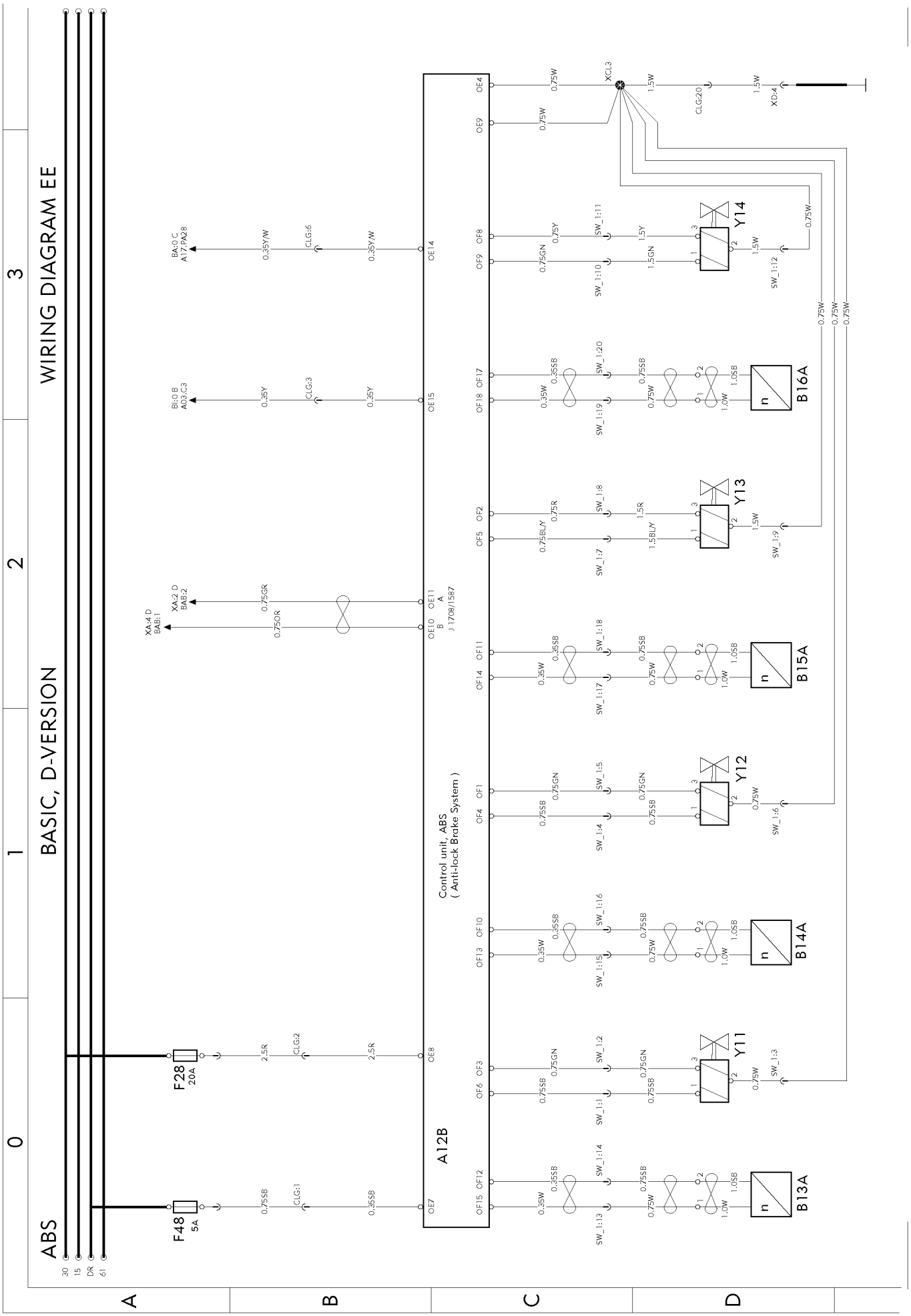

POWERTRONIC
WIRING DIAGRAM DI
A13B
Control unit, TECU (automatic transmission)
B138B
B68
B23B
Y17B
Y18B
Y30C
XGB1
XGB2
XGB3
XGB4
XGB5
XCL1
XCL2
PS:7
RP:8
RP:9
J1939
J1708/J1587
CAN 1
30
15
DR
61


WIRING DIAGRAM DM
MANUAL GEARSHIFT
RETARDER
RHD only
Control unit, TECU (automatic transmission)
A13C
A41
B69B
B23C
B138C
Y17C
K5
F57
3A
F12
10A
F11
5A
CAN 1
J1939
J1708/J1587
30
15
DRL
61

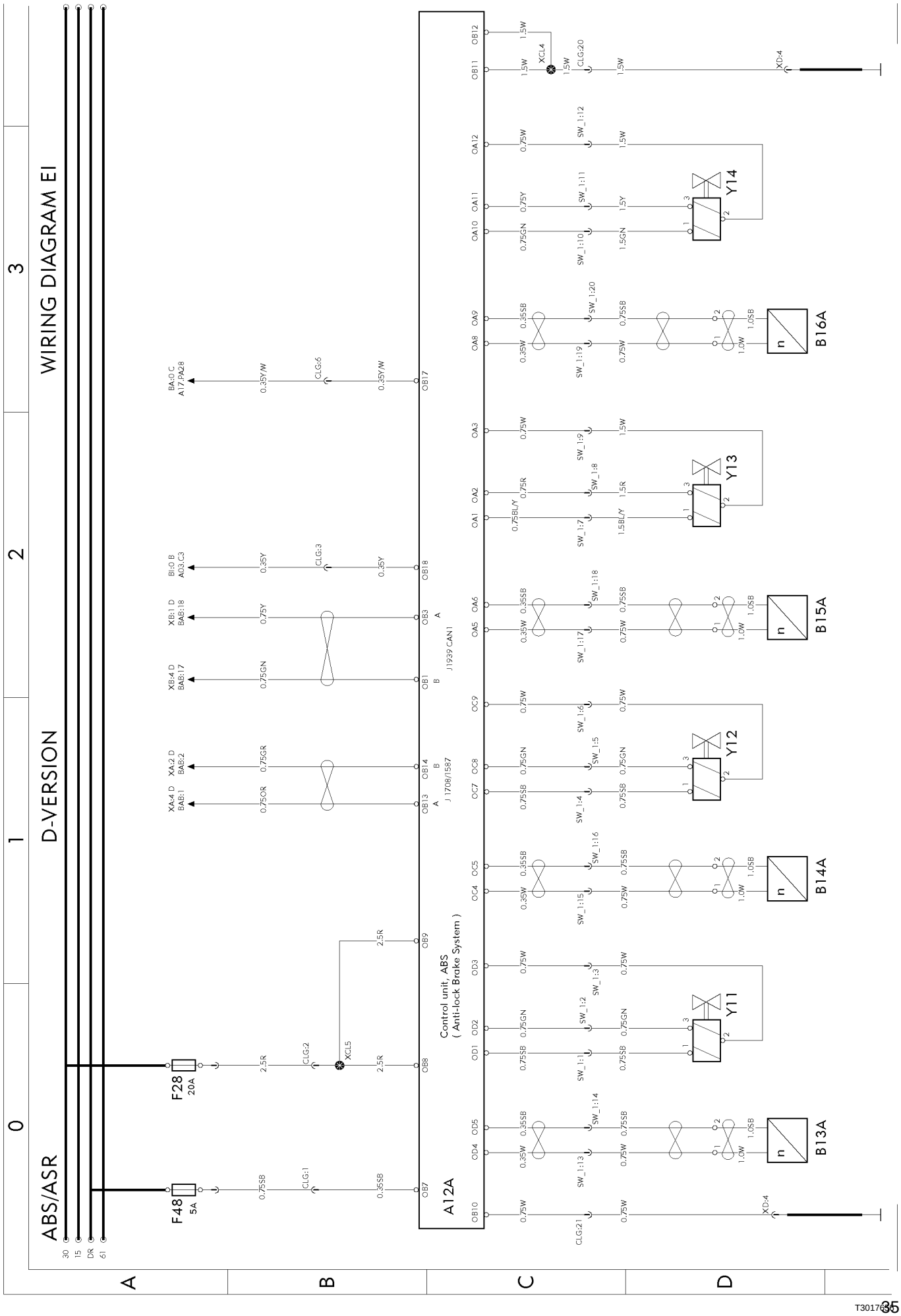

WIRING DIAGRAM DN
I-SHIFT
30
15
DR
61
TECU
A13D
Control unit, TECU (automatic transmission)
A42
B26B
SECP
Y22
VAFD
Y23
VAFE
Y21
VASD
Y26
VASE
A41
B23D
B138D
Y17D
B69C
Y18H
Y18G
XG56
0.75BL/W
0.75BN
0.75GR/SB
0.75GR/W
0.75Y/BN
0.75SY/SB
0.75BN/W
0.75BL/GN
0.75GN/W
0.75OR
0.75GR
0.75R/W
0.75Y
0.75GN
0.75BN/Y
0.75W
0.75VO
0.75P

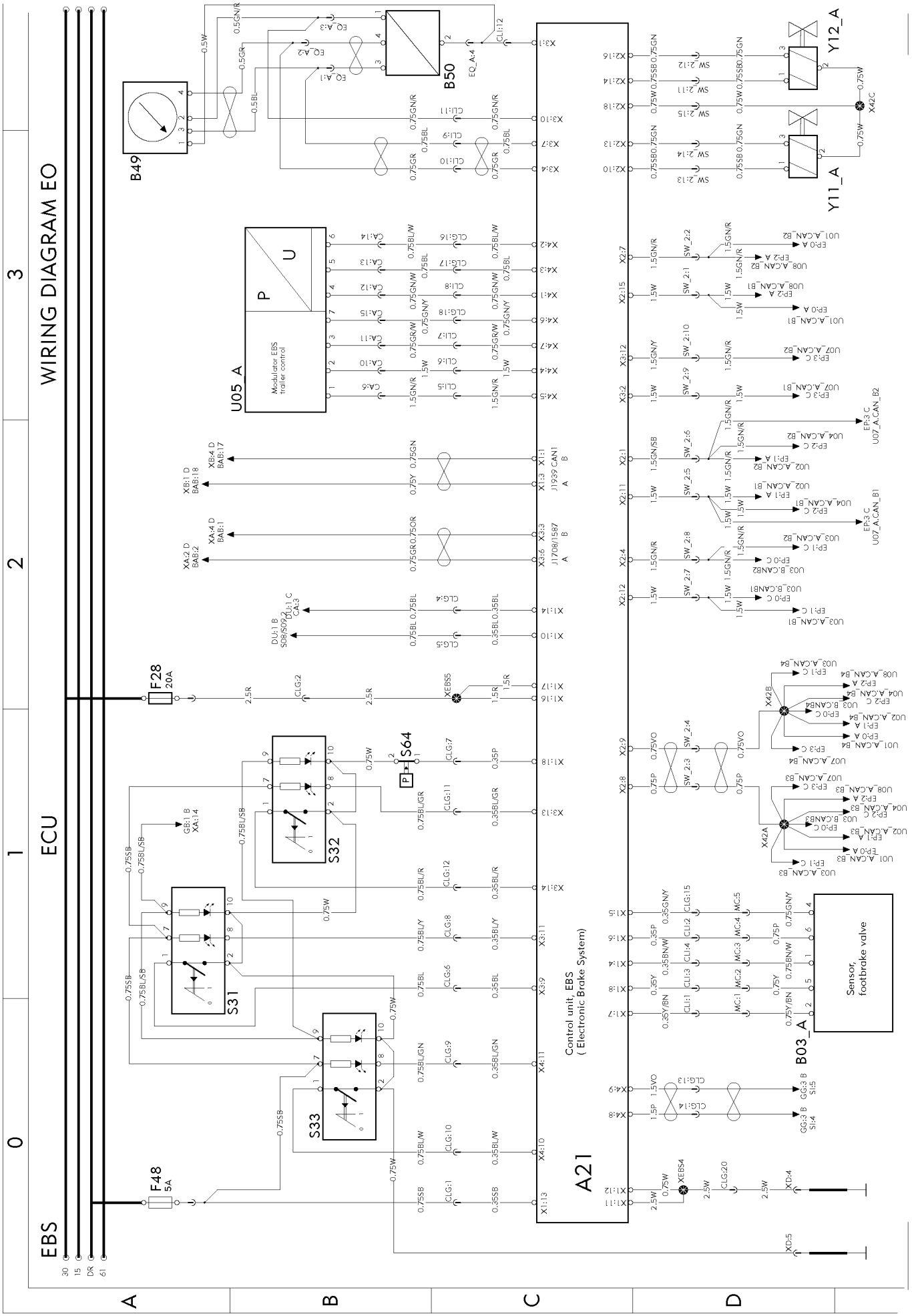

WIRING DIAGRAM DQ
POWER TAKE OFF
0
1
2
3
A
B
C
D
30
15
DR
61
F16
5A
XL:13
0.75GN/R
S28A
GB:2 B
XA:18
0.75BL/SB
HI:2 C
CLC:12
HM:1 B
PH_1:-4
0.75BN
JWJC:3
XDQ1
BA:0 C
A17.PA29
X1.3C
0.75W
CA:4
Y18A
CA:1
BA:0 C
A17.PB16
0.75GN


DIFF.-LOCK
4x2,6x2,6x4,8x2,8x4,AWD
WIRING DIAGRAM DU
30
15
DR
61
F16
5A
S08/S09
S08
S17
S18
S45
S45R
S53
S54
Y02
Y03
Y08
Y09
4x4
6x6
6x4/8x4
EBS
UEBS
Alternative switch type
at position S08/S09 for
4x2, 6x2, 8x2 and 4x4

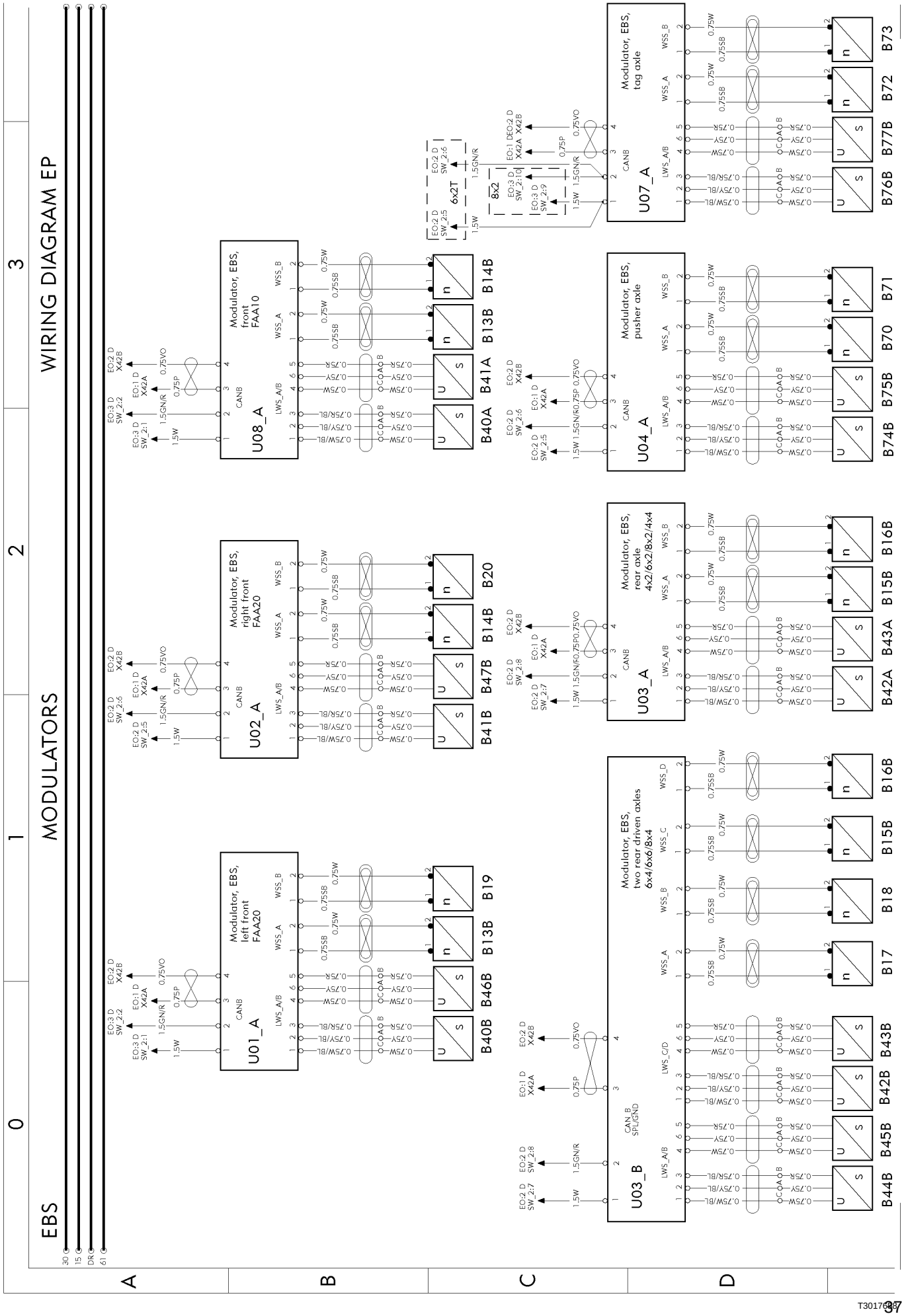

ABS
BASIC, D-VERSION
WIRING DIAGRAM EE
30
15
DR
61
F48
5A
F28
20A
A12B
Control unit, ABS
(Anti-lock Brake System)
XA:4 D
BAB:1
XA:2 D
BAB:2
J1708/J1587
BA:0 C
A17.PA28
BI:0 B
A03.C3
XCL3
CLG:20
XD:4
Y14
Y13
Y12
Y11
B16A
B15A
B14A
B13A

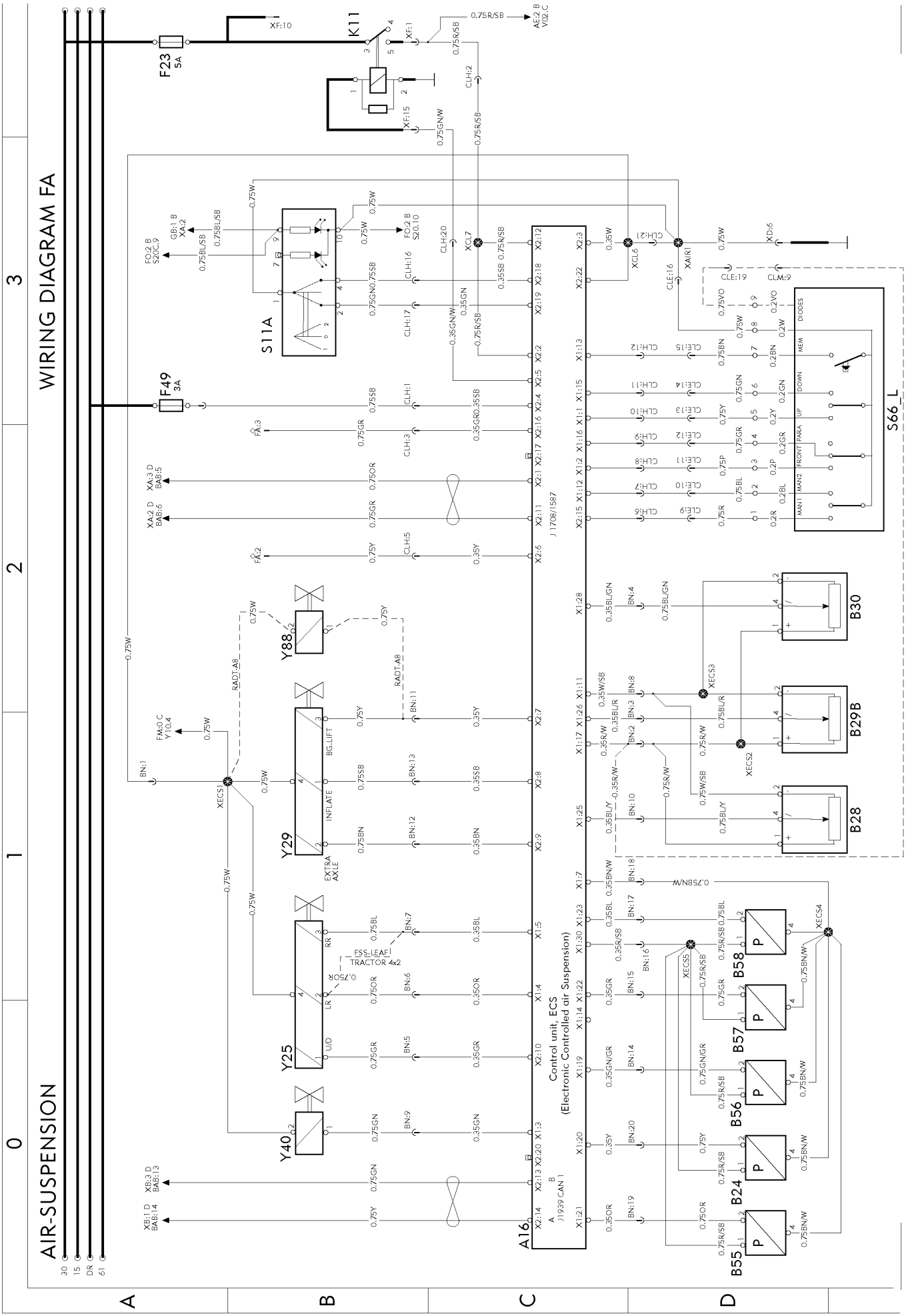
T3017655

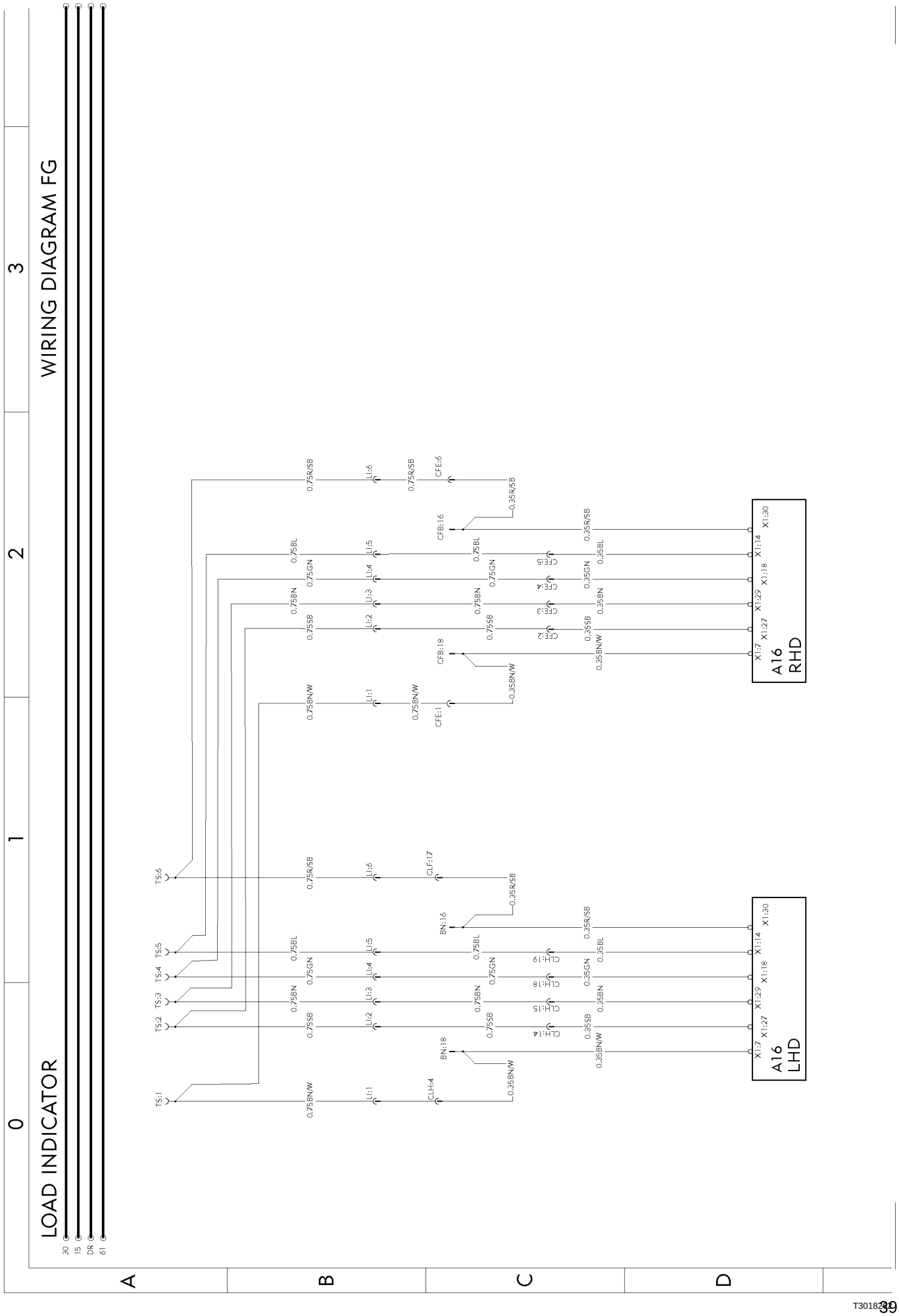

ABS/ASR
D-VERSION
WIRING DIAGRAM EI
0
1
2
3
A
B
C
D
30
15
DR
61
F48
5A
F28
20A
A12A
Control unit ABS
(Anti-lock Brake System)
J 1939 CAN1
J 1708/1587
XCL5
XCL4
Y11
Y12
Y13
Y14
B13A
B14A
B15A
B16A
XD:4
CLG:1
CLG:2
CLG:3
CLG:6
CLG:20
CLG:21
SW_1:1
SW_1:2
SW_1:3
SW_1:4
SW_1:5
SW_1:6
SW_1:7
SW_1:8
SW_1:9
SW_1:10
SW_1:11
SW_1:12
SW_1:13
SW_1:14
SW_1:15
SW_1:16
SW_1:17
SW_1:18
SW_1:19
SW_1:20

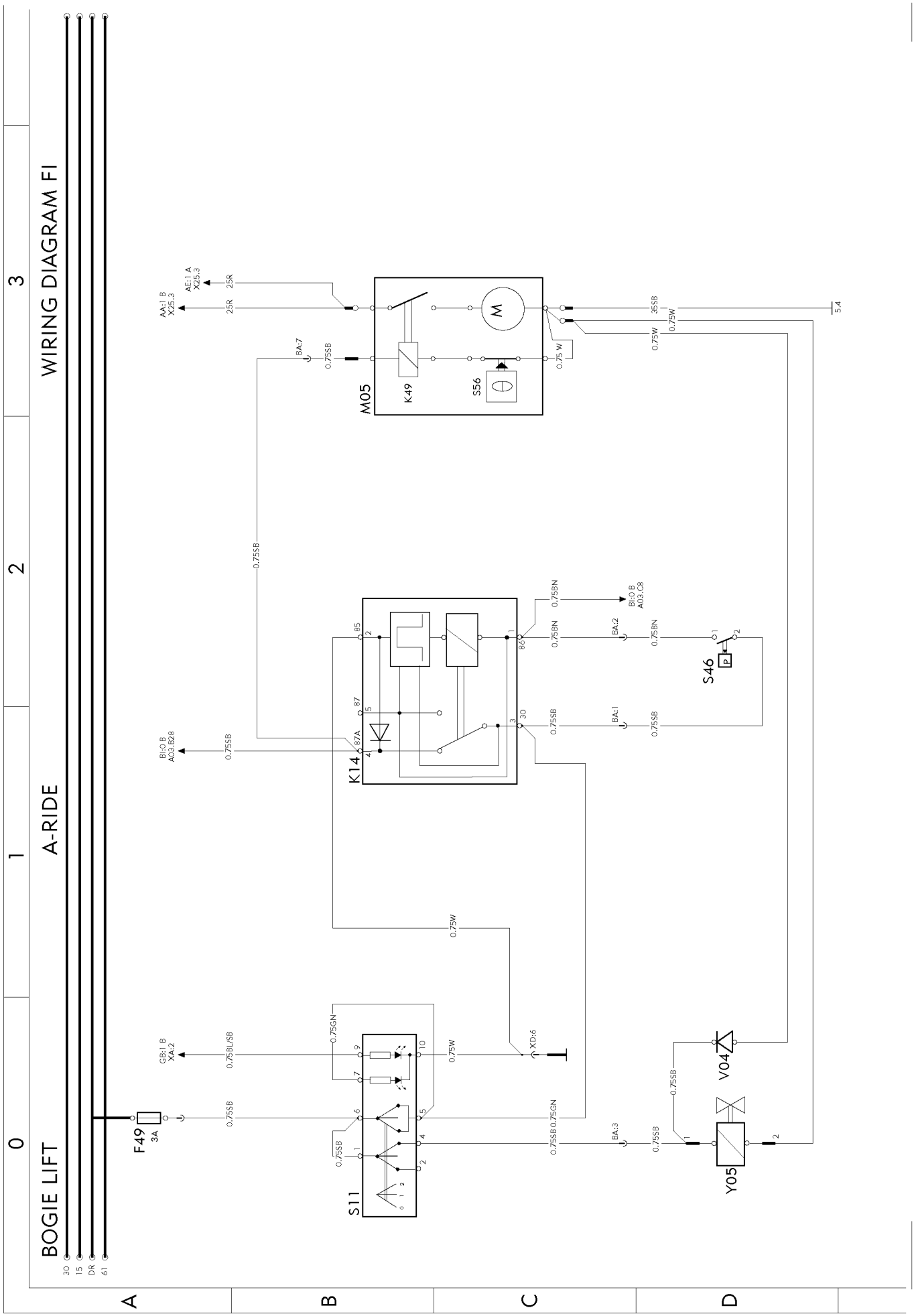

WIRING DIAGRAM EO
EBS
ECU
30
15
DR
61
F48
5A
F28
20A
A21
Control unit, EBS
(Electronic Brake System)
B49
B50
B03_A
Sensor,
footbrake valve
U05_A
Modulator EBS
trailer control
S31
S32
S33
S64
Y11_A
Y12_A
J1939 CAN1
J1708/1587
U01_A.CAN_B1
U01_A.CAN_B2
U01_A.CAN_B3
U01_A.CAN_B4
U02_A.CAN_B1
U02_A.CAN_B2
U02_A.CAN_B3
U02_A.CAN_B4
U03_A.CAN_B1
U03_A.CAN_B2
U03_A.CAN_B3
U03_A.CAN_B4
U04_A.CAN_B1
U04_A.CAN_B2
U04_A.CAN_B3
U04_A.CAN_B4
U07_A.CAN_B1
U07_A.CAN_B2
U07_A.CAN_B3
U07_A.CAN_B4
U08_A.CAN_B1
U08_A.CAN_B2
U08_A.CAN_B3
U08_A.CAN_B4
A
B
C
D
0
1
2
3

T3017657

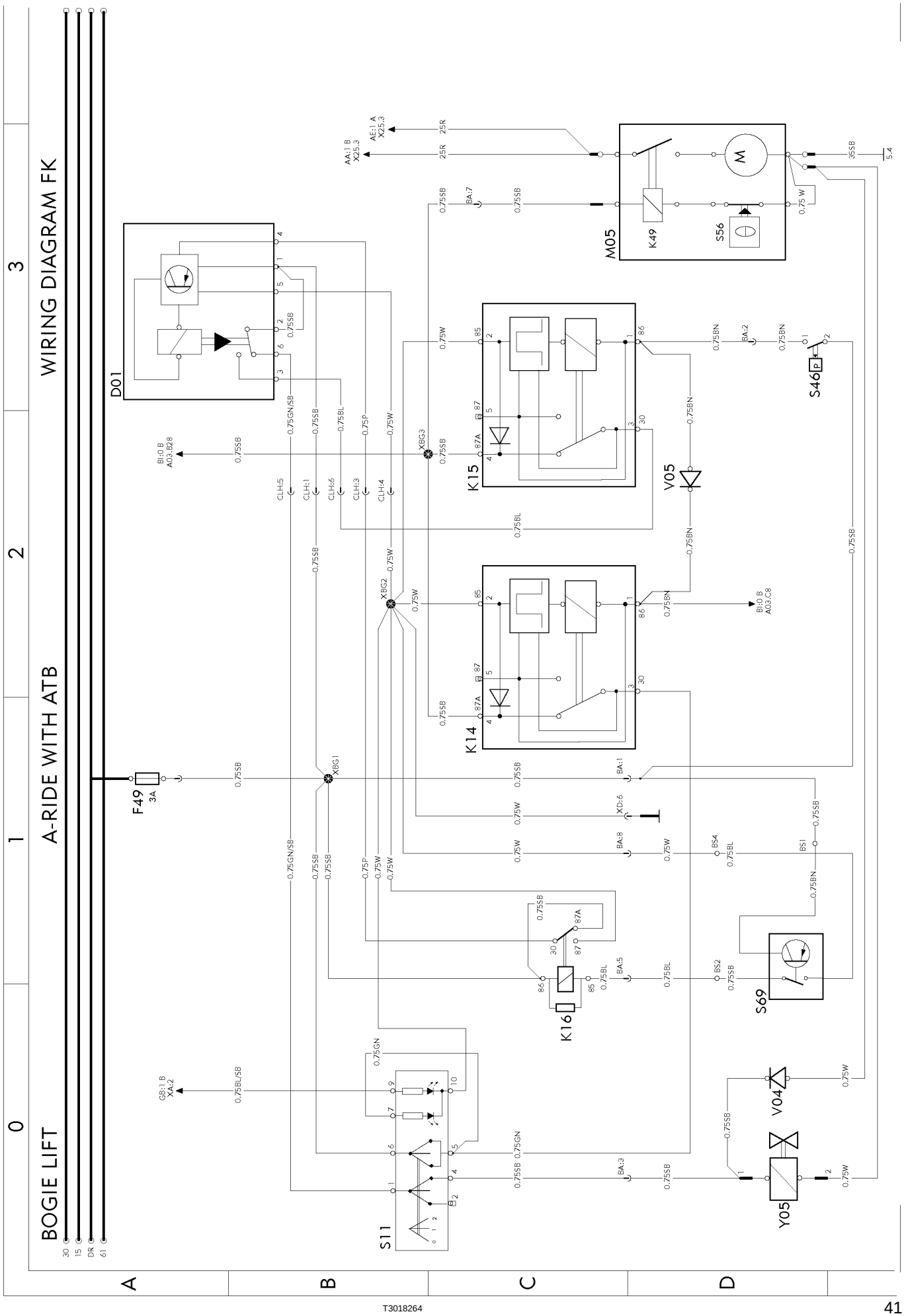

EBS
MODULATORS
WIRING DIAGRAM EP
0
1
2
3
A
B
C
D
30
15
DR
61
U01_A
Modulator, EBS, left front FAA20
U02_A
Modulator, EBS, right front FAA20
U03_A
Modulator, EBS, rear axle 4x2/6x2/8x2/4x4
U03_B
Modulator, EBS, two rear driven axles 6x4/6x6/8x4
U04_A
Modulator, EBS, pusher axle
U07_A
Modulator, EBS, tag axle
U08_A
Modulator, EBS, front FAA10
6x2T
8x2
B40B B46B B13B B19
B41B B47B B14B B20
B42A B43A B15B B16B
B74B B75B B70 B71
B76B B77B B72 B73
B40A B41A B13B B14B
B44B B45B B42B B43B
B17 B18 B15B B16B

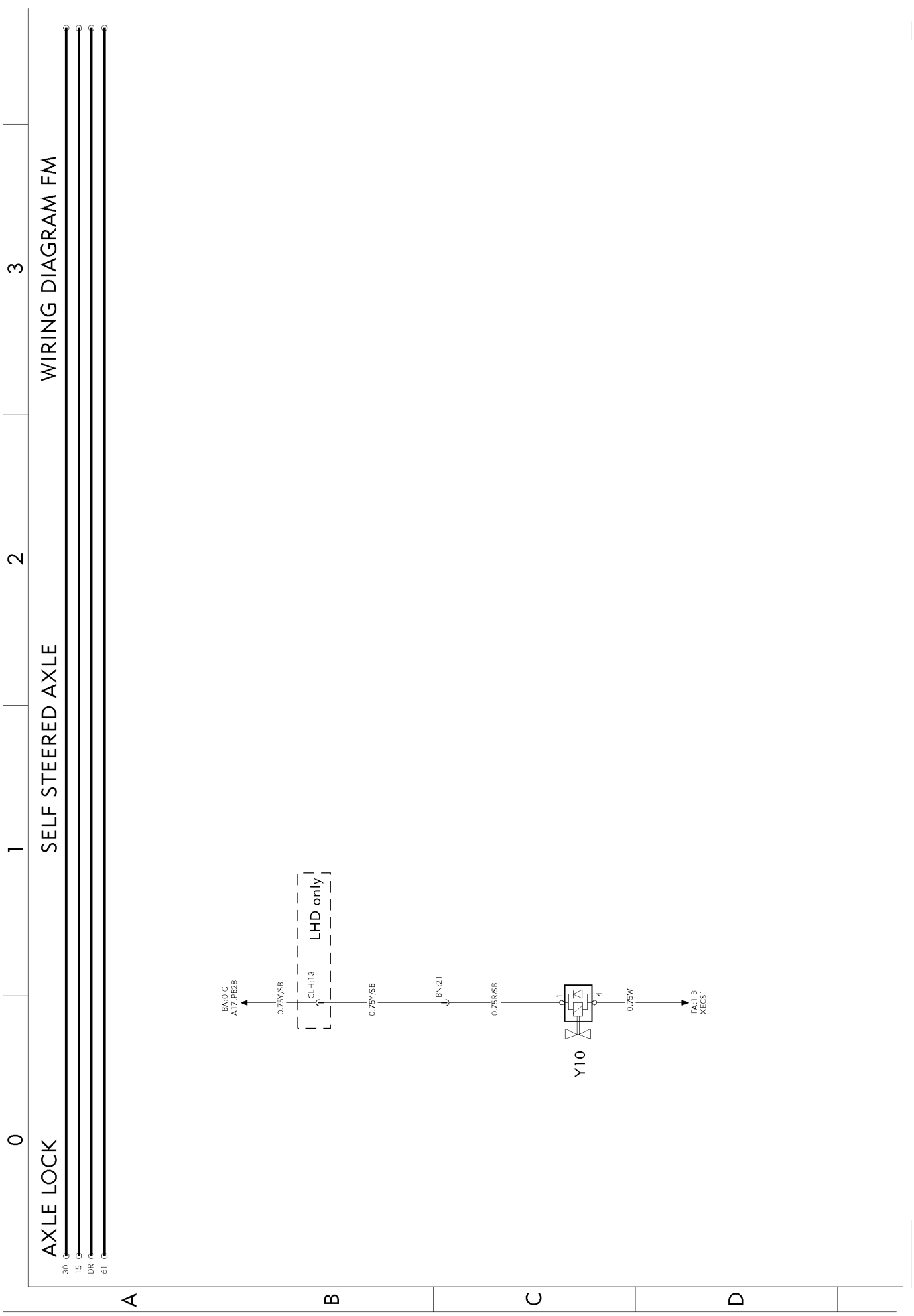

WIRING DIAGRAM FA
AIR-SUSPENSION
Control unit, ECS
(Electronic Controlled air Suspension)
A16
S11A
S66_L
K11
F23
5A
F49
3A
XECS1
XECS2
XECS3
XECS4
XECS5
Y25
Y29
Y40
Y88
B24
B28
B29B
B30
B55
B56
B57
B58
FSS-LEAF
TRACTOR 4x2
EXTRA
AXLE
INFLATE
BG.LIFT
RADT-A8
J1939 CAN 1
J1708/1587
30
15
DR
61


WIRING DIAGRAM FG
LOAD INDICATOR
30
15
DR
61
A16
LHD
A16
RHD
0.75R/SB
0.75BL
0.75GN
0.75BN
0.75SB
0.75BN/W
0.35R/SB
0.35BL
0.35GN
0.35BN
0.35SB
0.35BN/W

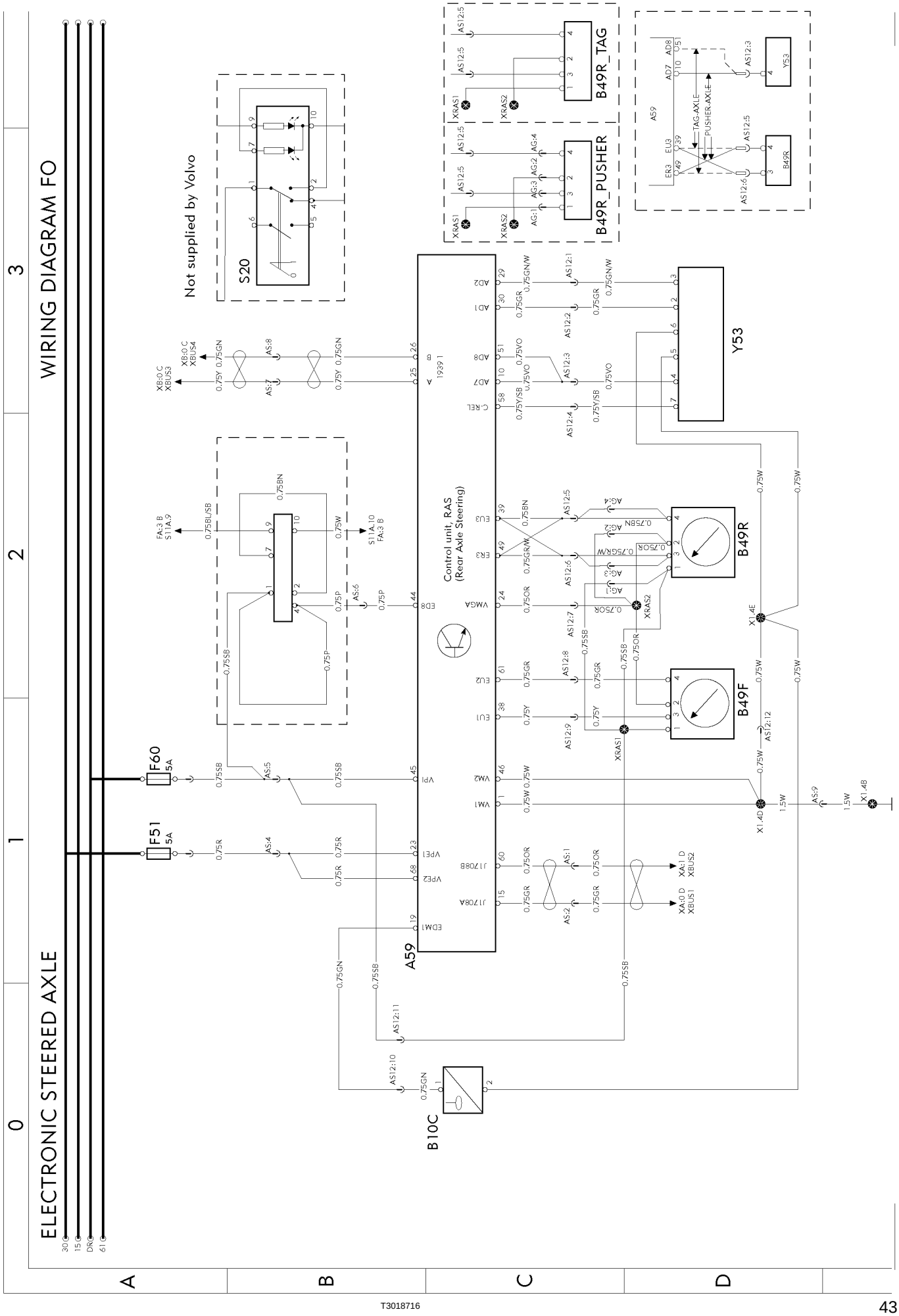

WIRING DIAGRAM FI
A-RIDE
BOGIE LIFT
0
1
2
3
A
B
C
D
30
15
DR
61
F49
3A
M05
K49
S56
M
K14
87A
S11
S46
V04
Y05
0.75SB
0.75BN
0.75W
0.75GN
0.75BL/SB
25R
35SB
BA:1
BA:2
BA:3
BA:7
XD:6
5.4

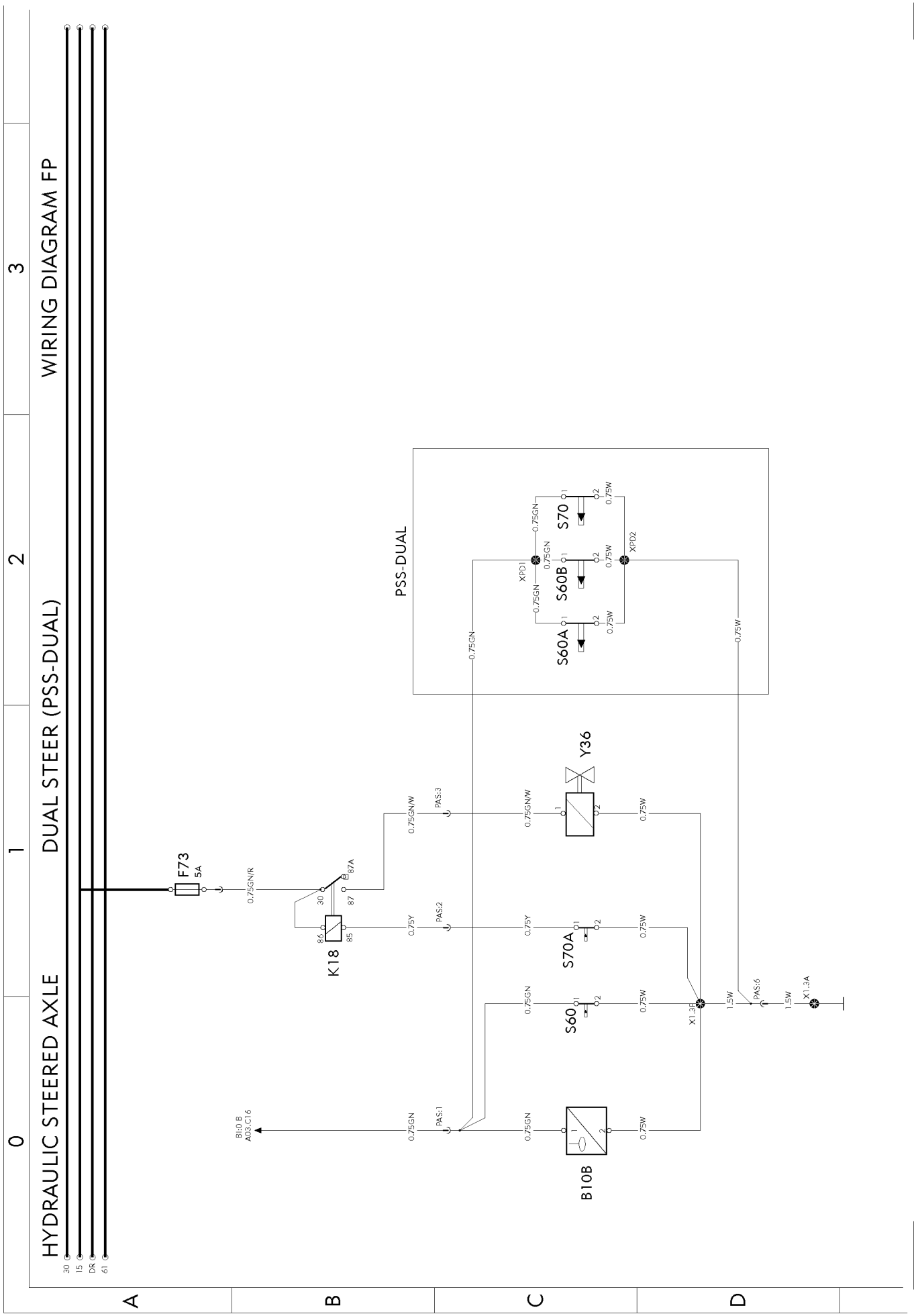
T3018263


WIRING DIAGRAM FK
A-RIDE WITH ATB
BOGIE LIFT
0
1
2
3
A
B
C
D
30
15
DR
61
D01
M05
K49
S56
K15
K14
K16
S46
S69
S11
V05
V04
Y05
F49
3A
XBG1
XBG2
XBG3
0.75SB
0.75W
0.75BN
0.75BL
0.75GN/SB
0.75GN
0.75P
0.75BL/SB
0.75R
0.75 W
3.5SB
CLH:1
CLH:2
CLH:3
CLH:4
CLH:5
CLH:6
BA:1
BA:2
BA:3
BA:4
BA:5
BA:7
BA:8
BS1
BS2
BS4
XD:6
AE:1 A X25:3
AA:1 B X25:3
BI:0 B A03:B28
BI:0 B A03:C8
GB:1 B XA:2
T3018264

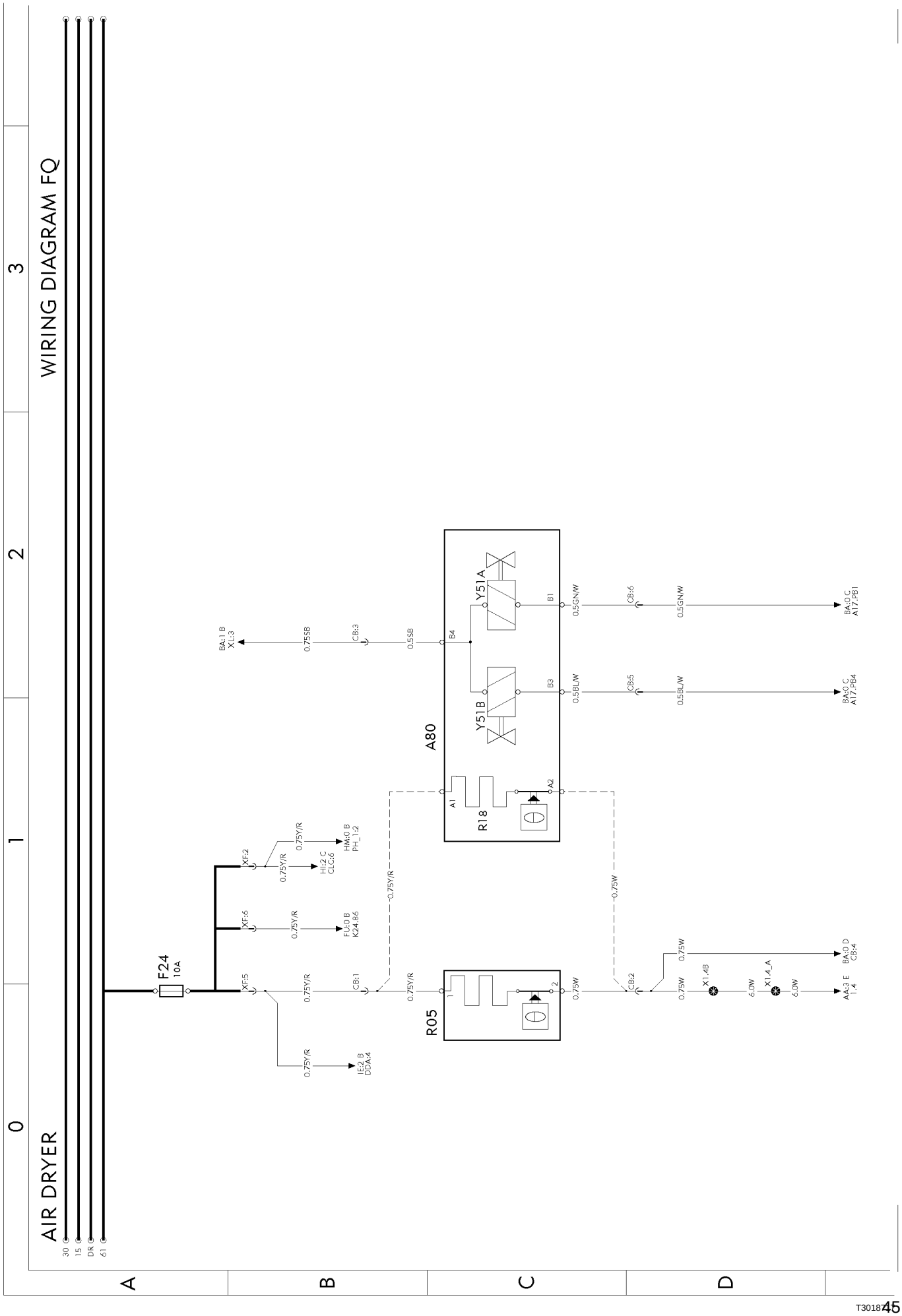

WIRING DIAGRAM FM
SELF STEERED AXLE
AXLE LOCK
0
1
2
3
A
B
C
D
30
15
DR
61
BA:10 C
A17.PB28
0.75Y/SB
CLH:13
LHD only
0.75Y/SB
BN:21
0.75RSB
0.1
4
0.75W
FA:1 B
XECS1
Y10

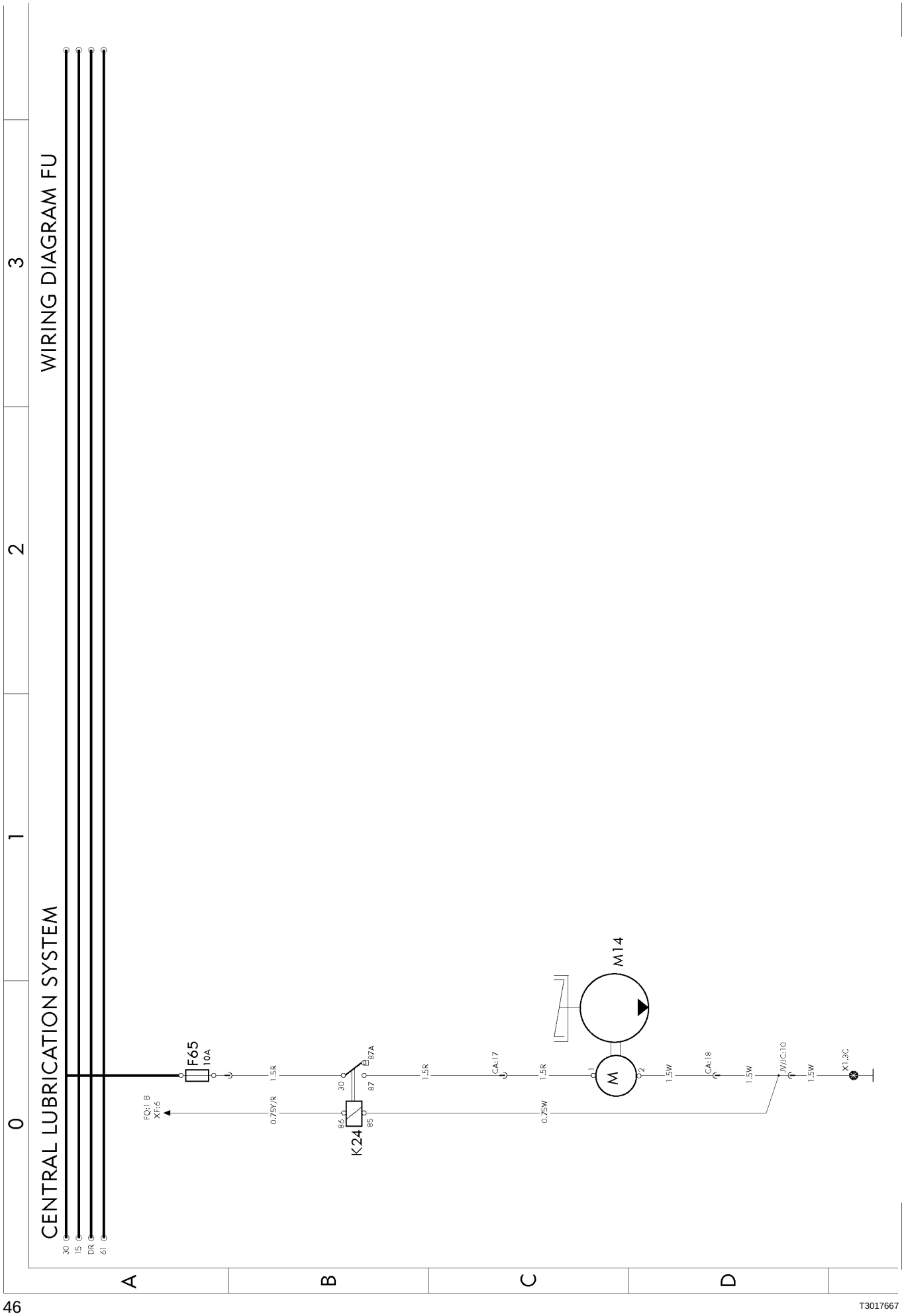
T3018265


ELECTRONIC STEERED AXLE
WIRING DIAGRAM FO
Not supplied by Volvo
S20
B49R_TAG
B49R_PUSHER
Y53
B49R
B49F
A59
Control unit, RAS
(Rear Axle Steering)
B10C
F60
5A
F51
5A
TAG-AXLE
PUSHER-AXLE

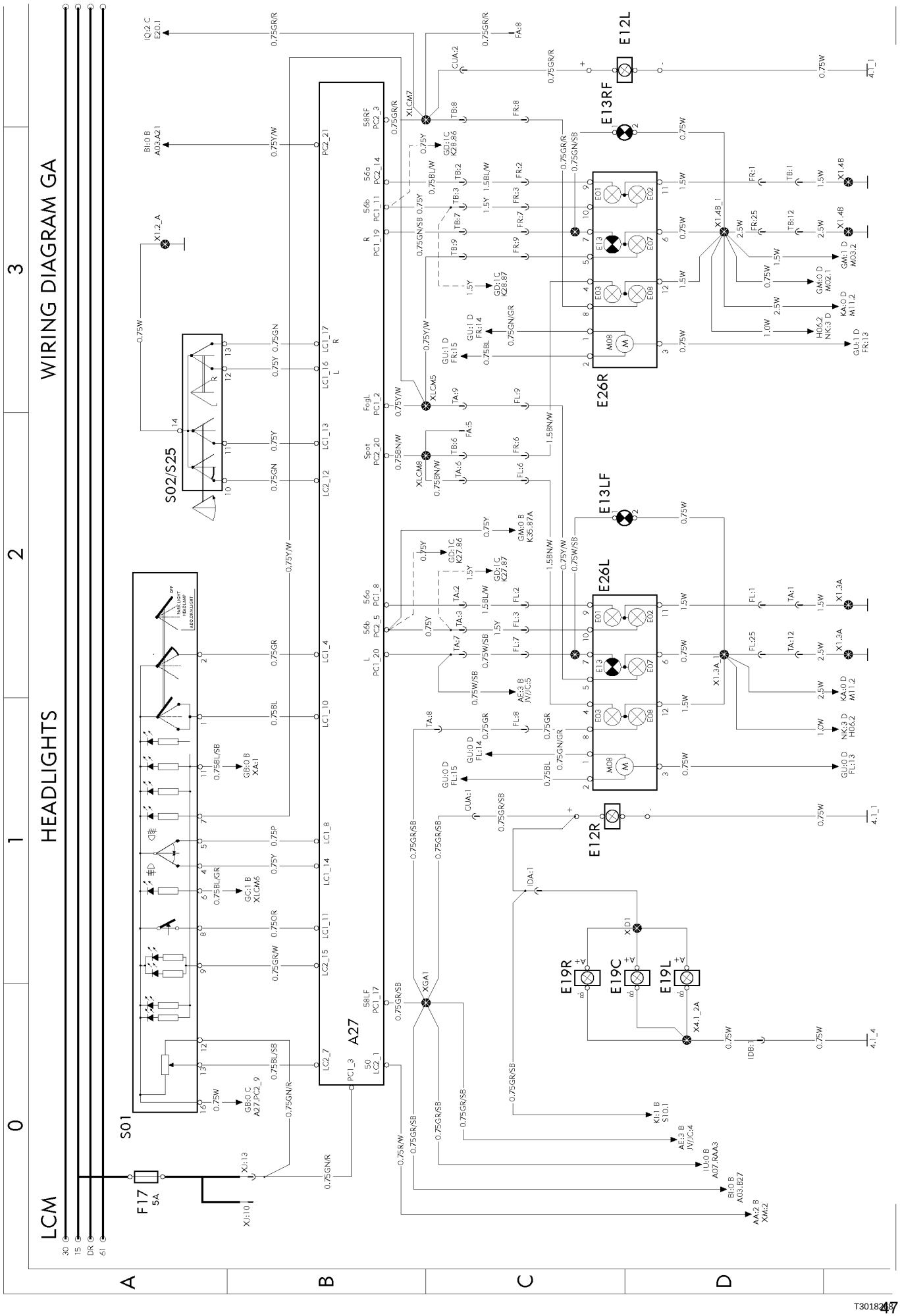

WIRING DIAGRAM FP
DUAL STEER (PSS-DUAL)
HYDRAULIC STEERED AXLE
0
1
2
3
A
B
C
D
30
15
DR
61
F73
5A
0.75GN/R
87A
30
87
86
85
K18
PAS:3
PAS:2
PAS:1
0.75GN/W
0.75Y
0.75GN
0.75W
Y36
S70A
S60
B10B
PSS-DUAL
S70
S60B
S60A
XPD1
XPD2
X1.3F
PAS:6
1.5W
X1.3A
Bl:0.B
A03.C16

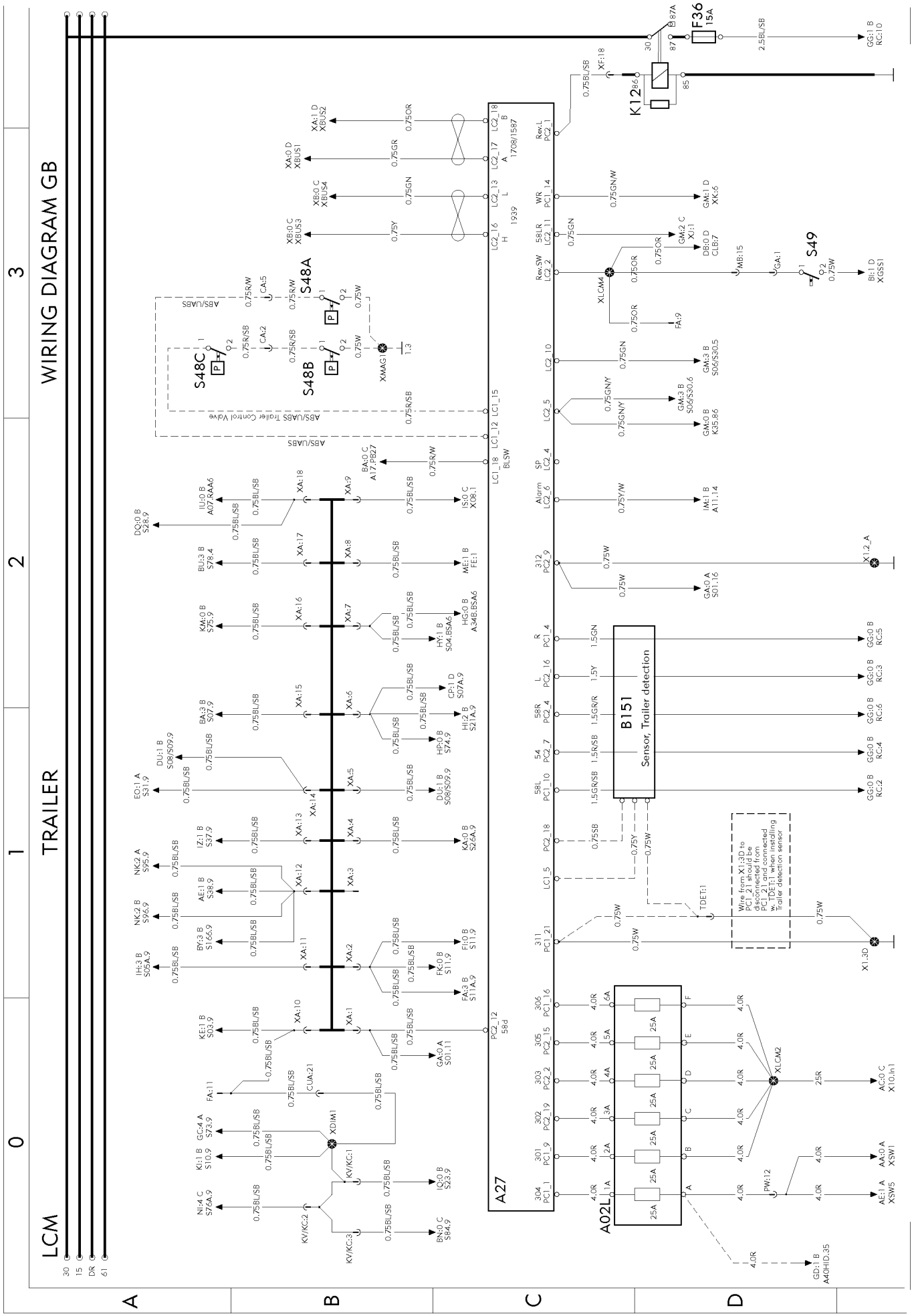
T3018267

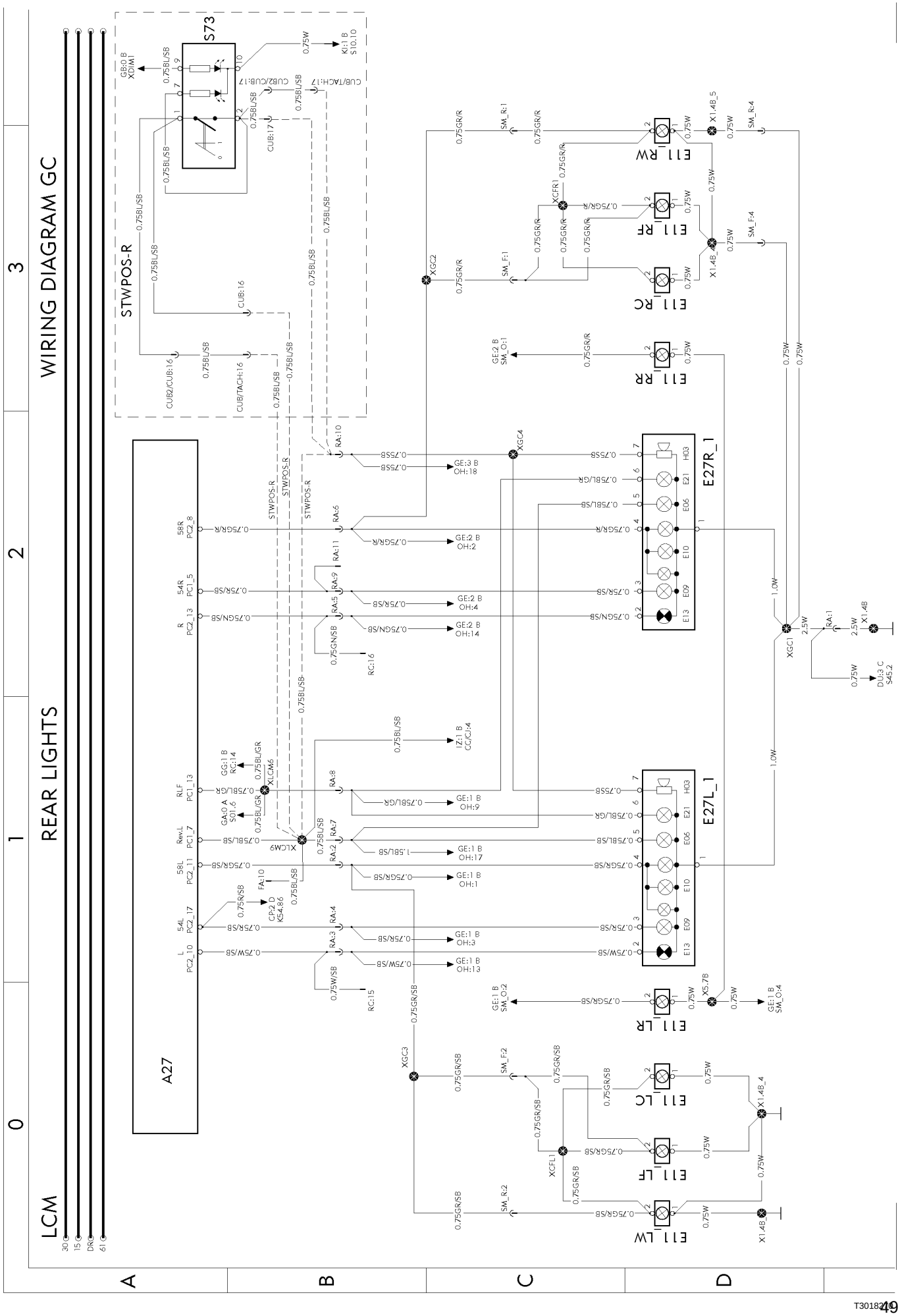

WIRING DIAGRAM FQ
AIR DRYER
0
1
2
3
A
B
C
D
30
15
DR
61
F24
10A
XF:5
XF:6
XF:2
0.75Y/R
CB:1
CB:2
CB:3
CB:5
CB:6
0.75SB
0.5SB
0.75W
0.5GN/W
0.5BL/W
A80
R18
R05
Y51A
Y51B
A1
A2
B1
B3
B4
1
2
X1.4B
X1.4_A
6.0W
BA:1 B
XL:3
BA:0 C
A17:PB1
BA:0 C
A17:PB4
BA:0 D
CB:4
AA:3 E
1.4
IE:2 B
DDA:4
FU:4.0 B
K24:8.6
HI:2 C
CLC:6
HM:0 B
PH_1:2

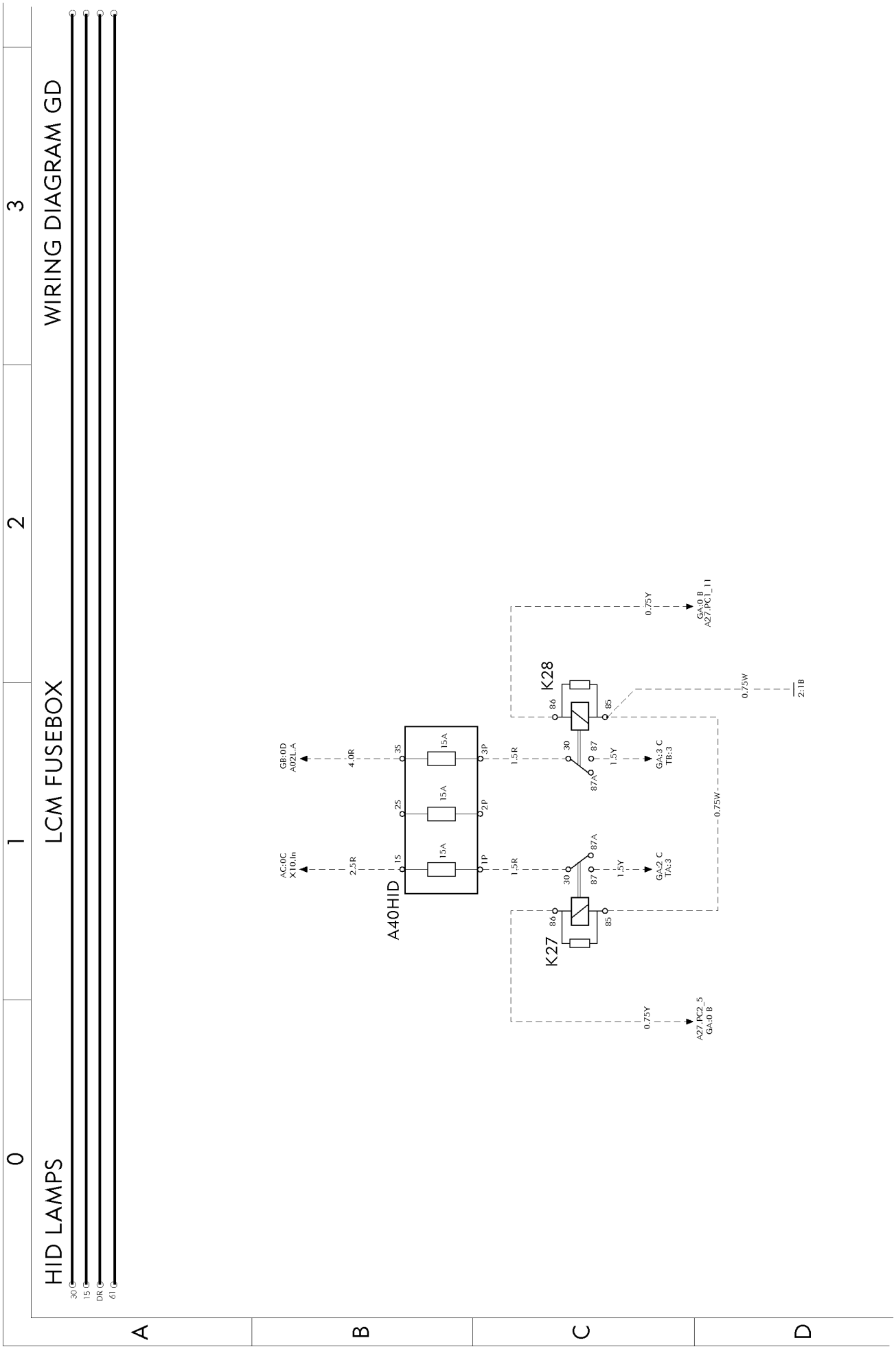

WIRING DIAGRAM FU
CENTRAL LUBRICATION SYSTEM
0
1
2
3
A
B
C
D
30
15
DR
61
F65
10A
1.5R
0.75Y/R
FC:1 B
XF:6
30
87
87A
86
85
K24
1.5R
CA:17
1.5R
0.75W
M14
M
1
2
1.5W
CA:18
1.5W
IV/IC:10
1.5W
X1.3C

T3017667

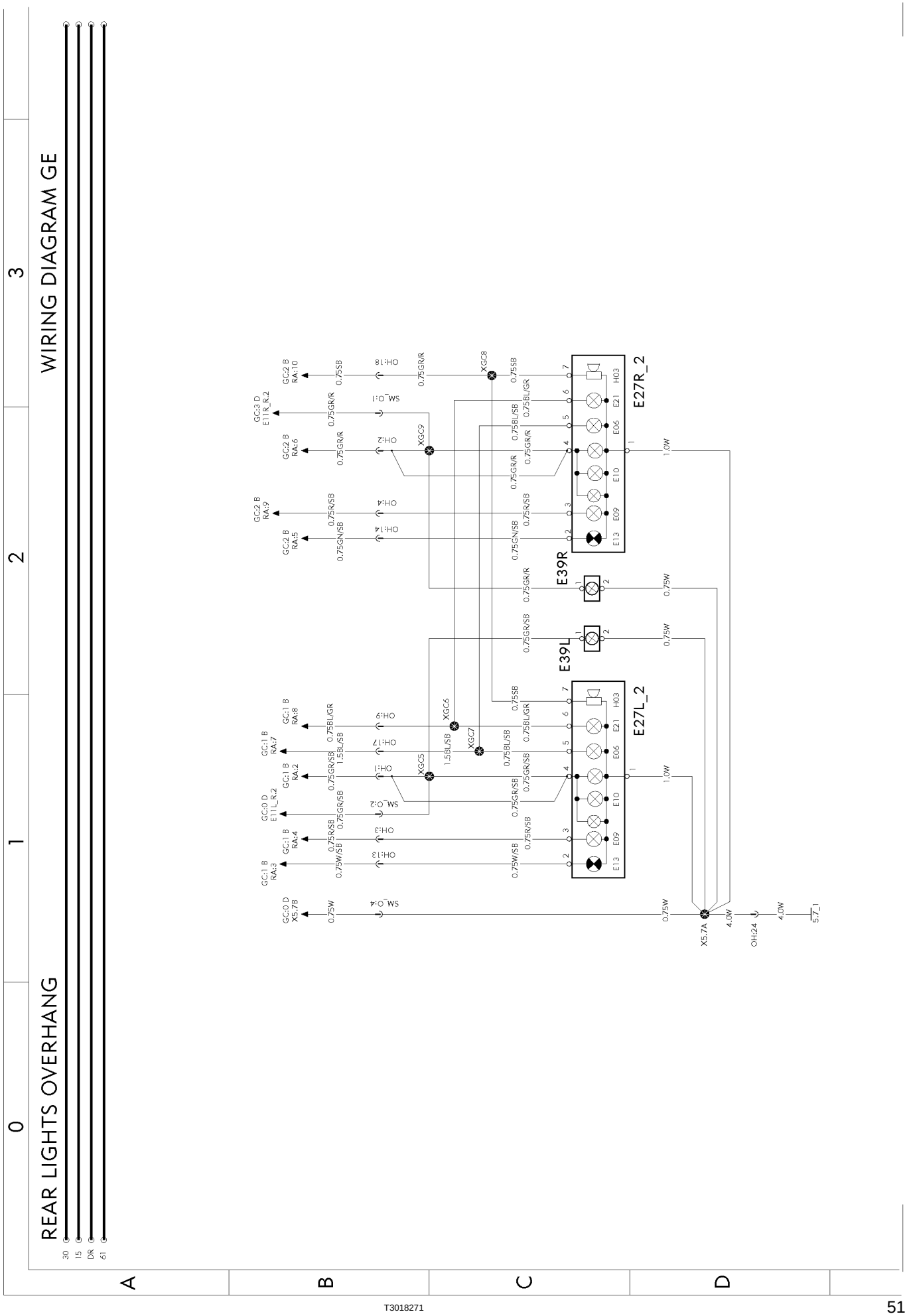

LCM
HEADLIGHTS
WIRING DIAGRAM GA
F17
5A
S01
S02/S25
A27
E26R
E26L
E13LF
E13RF
E12L
E12R
E19R
E19C
E19L

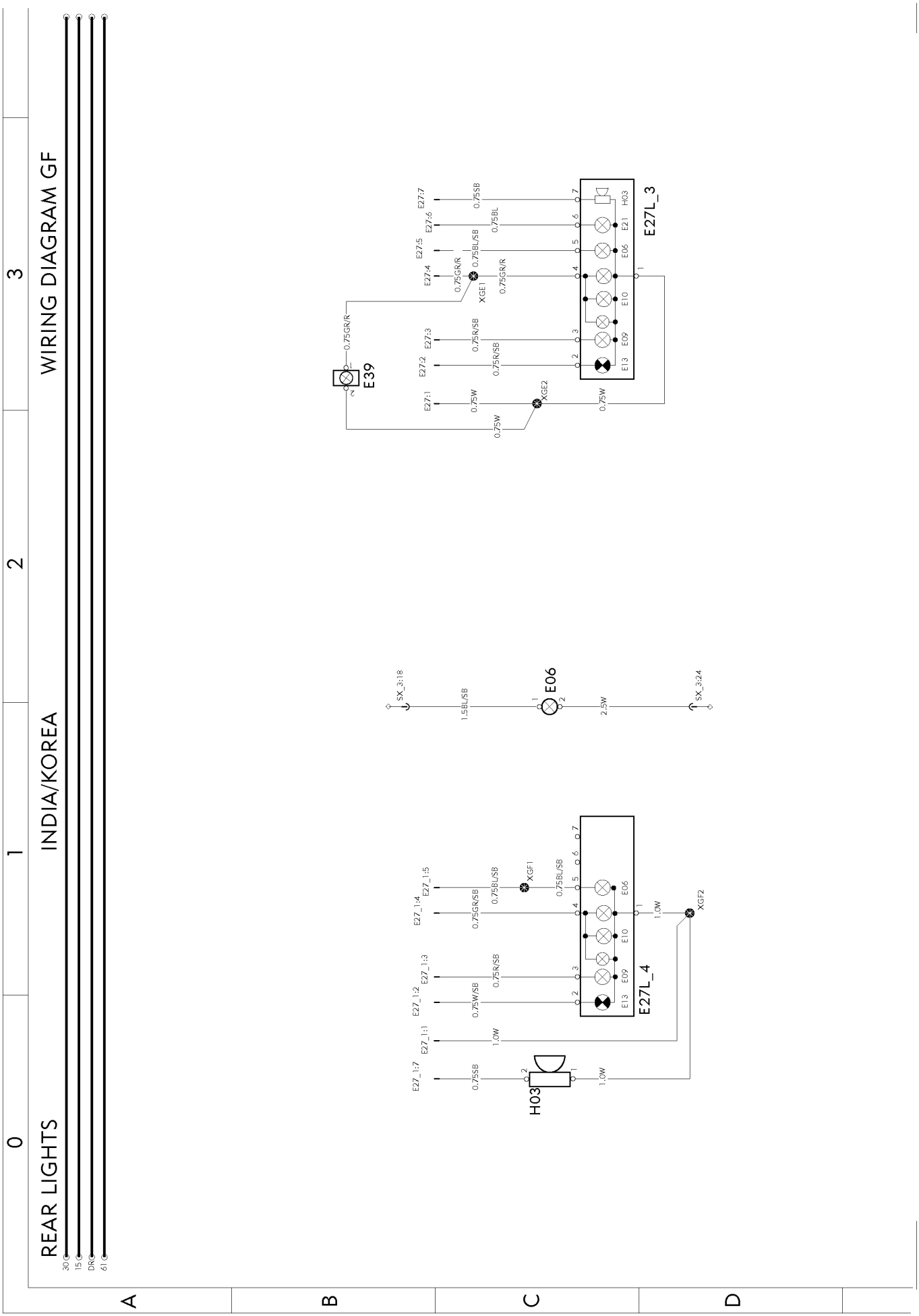

WIRING DIAGRAM GB
LCM
TRAILER
B151
Sensor, Trailer detection
S48A
S48B
S48C
S49
K12
F36
15A
A27
A02L
XLCM2
XLCM4
XDM1
ABS/UABS Trailer Control Valve
Wire from X1:3D to PC1:21 should be disconnected from PC1:21 and connected w. TDET:1 when installing Trailer detection sensor

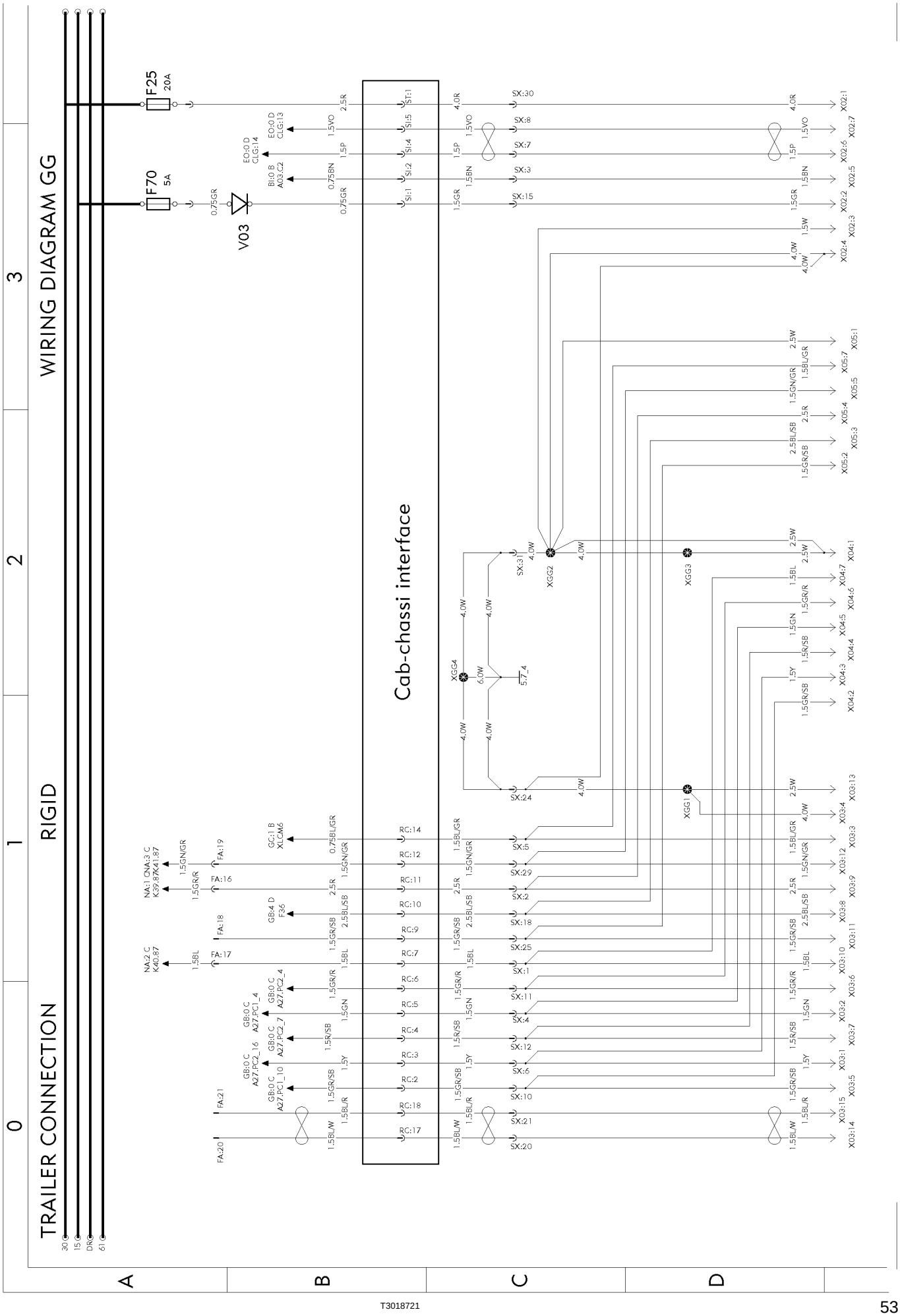

LCM
REAR LIGHTS
WIRING DIAGRAM GC
A27
STWPOS-R
S73
E27R_1
E27L_1
E11_RW
E11_RF
E11_RC
E11_RR
E11_LR
E11_LC
E11_LF
E11_LW
XGC1
XGC2
XGC3
XGC4
XCFR1
XCFL1
XCLCM9
XCLCM6
X1.4B_5
X1.4B_4
X1.4B_3
X1.4B_2
X1.4B
X5.7B

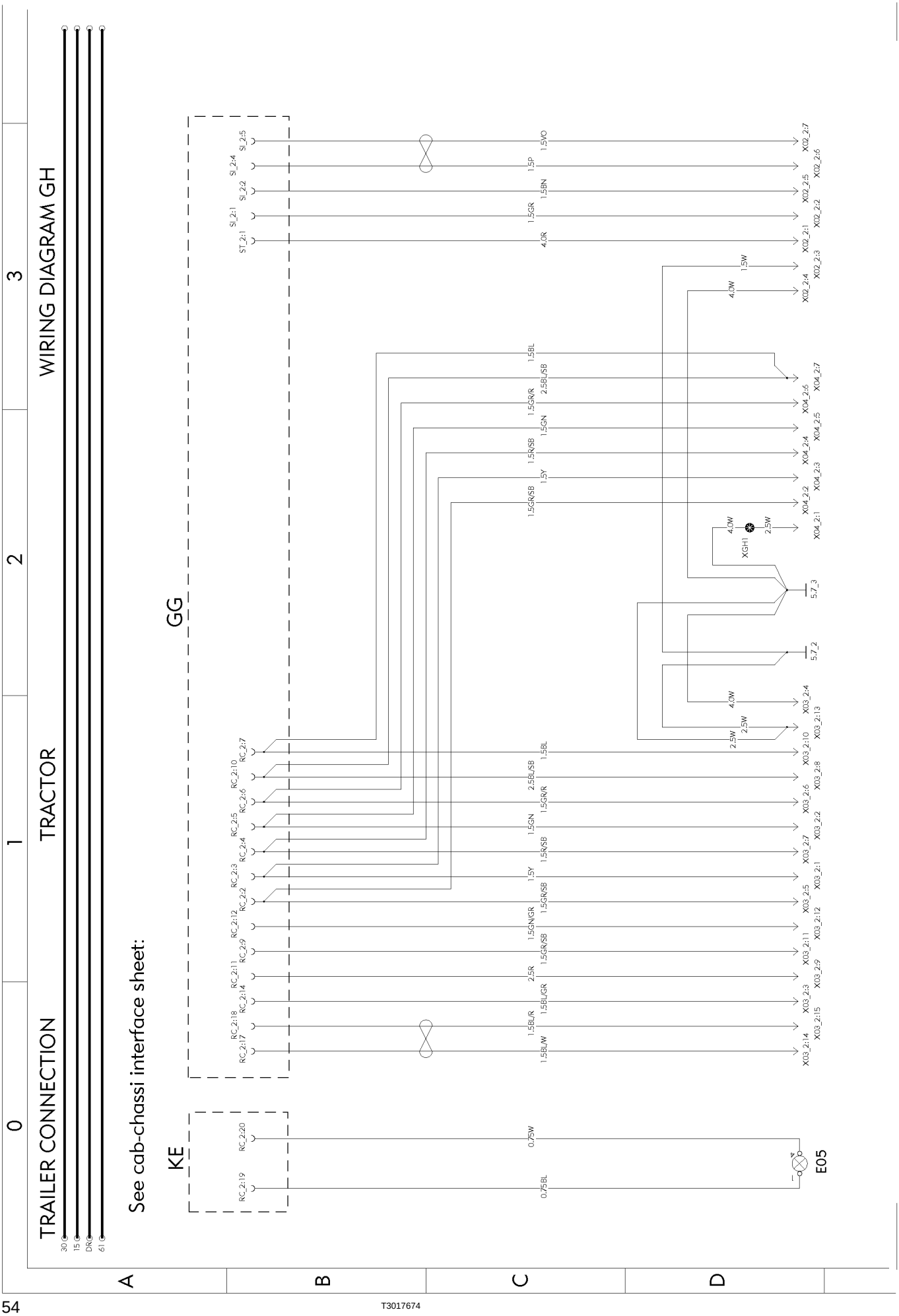

HID LAMPS
LCM FUSEBOX
WIRING DIAGRAM GD
30
15
DR
61
A40HID
K27
K28
AC:0C X10.In
GB:0D A02L_A
GA:2 C TA:3
GA:3 C TB:3
GA:0 B A27.PC1_11
A27.PC2_5 GA:0 B
2:18
2.5R
4.0R
1.5R
1.5Y
0.75Y
0.75W
15A
0 1 2 3
A B C D

T3018719

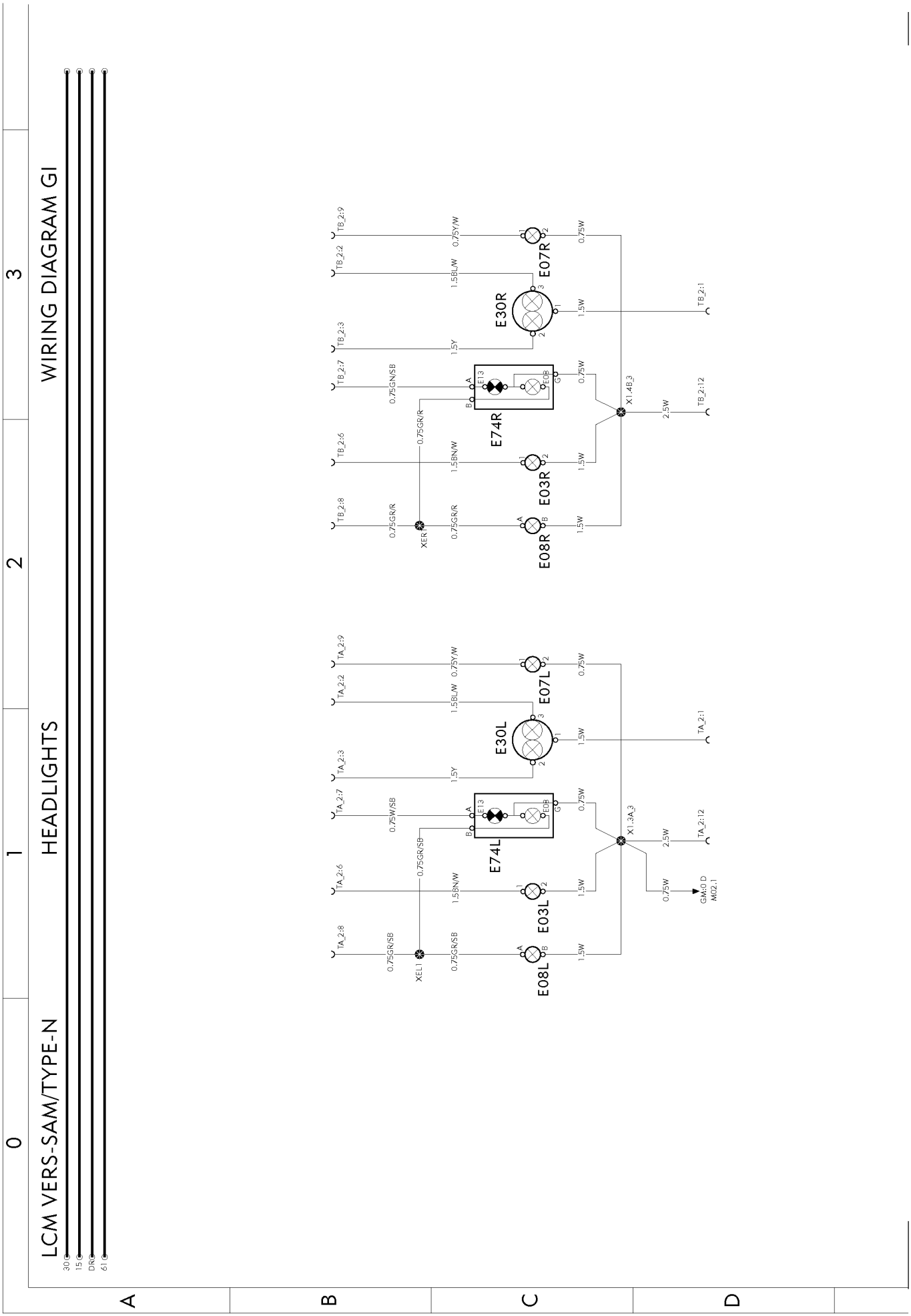

WIRING DIAGRAM GE
REAR LIGHTS OVERHANG
30
15
DR
61
E27R_2
E39R
E39L
E27L_2
XGC5
XGC6
XGC7
XGC8
XGC9
XS.7A
OH:24
5.7_1

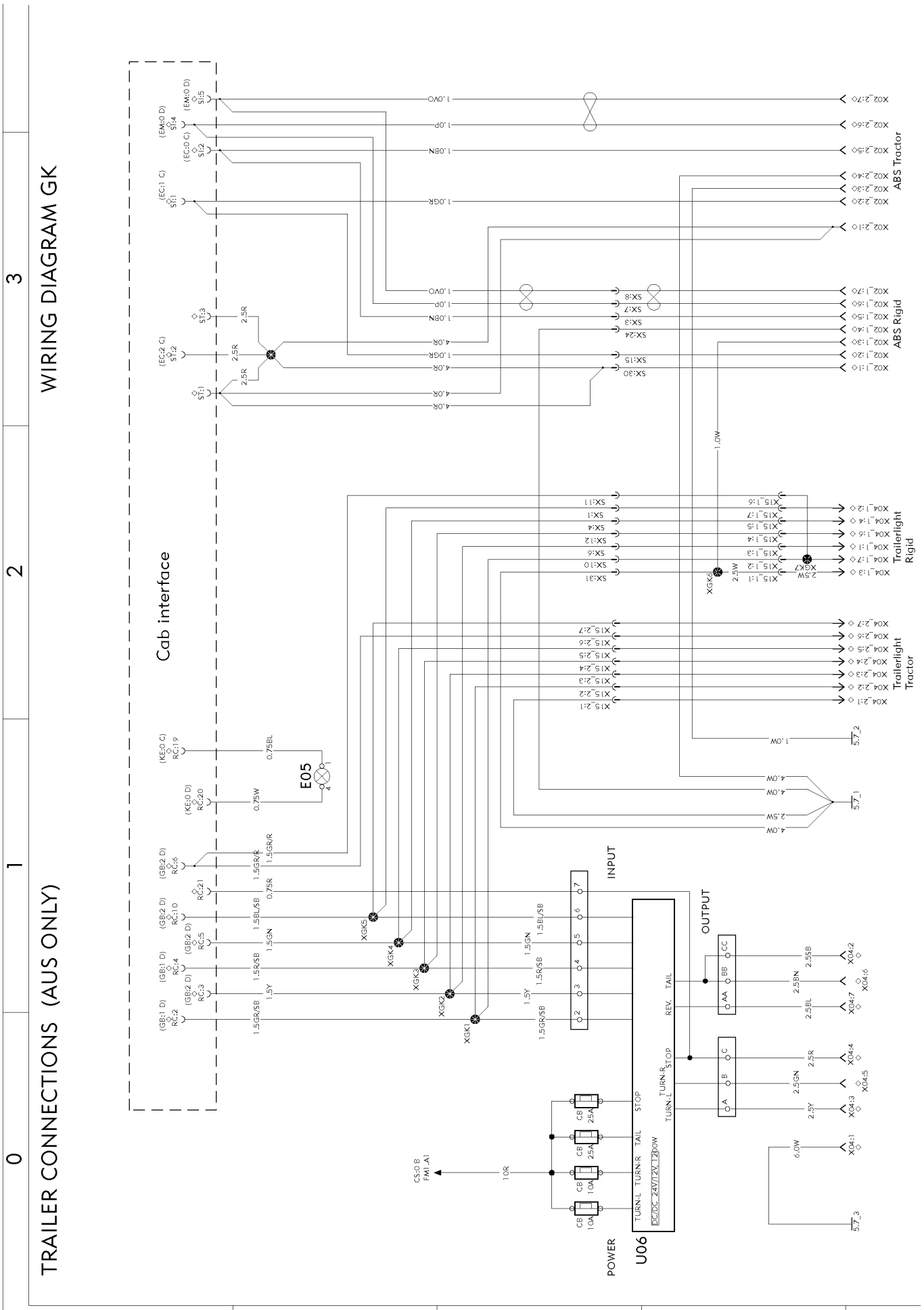

REAR LIGHTS
INDIA/KOREA
WIRING DIAGRAM GF
30
15
DR
61
0
1
2
3
A
B
C
D
E27L_3
E27L_4
E39
E06
H03
XGE1
XGE2
XGF1
XGF2
0.75GR/R
0.75BL/SB
0.75BL
0.75SB
0.75R/SB
0.75W
1.0W
1.5BU/SB
2.5W
SX_3:18
SX_3:24

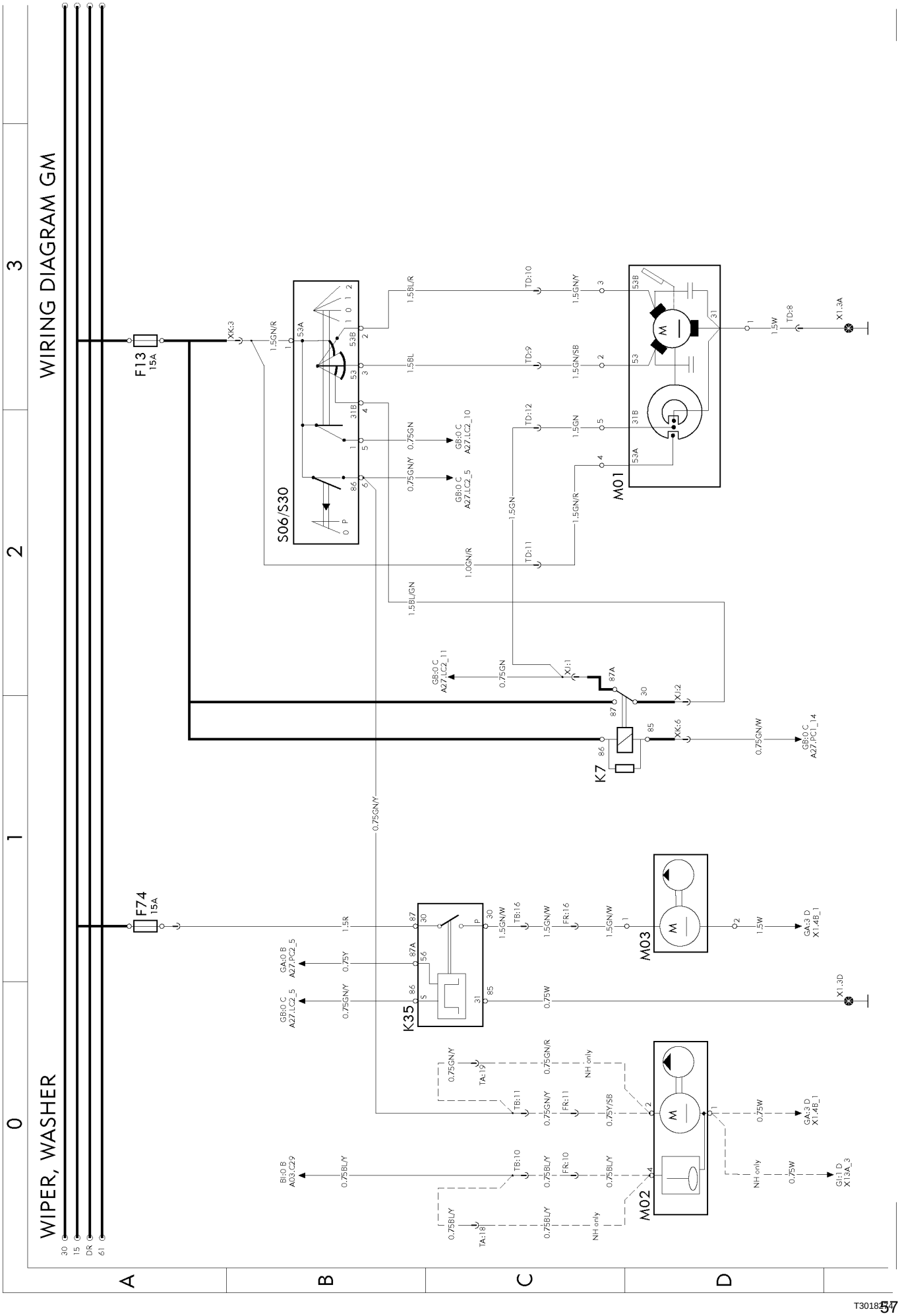

TRAILER CONNECTION RIGID
WIRING DIAGRAM GG
0
1
2
3
A
B
C
D
30
15
DR
61
F25
20A
F70
5A
V03
Cab-chassi interface
XGG1
XGG2
XGG3
XGG4
T3018721

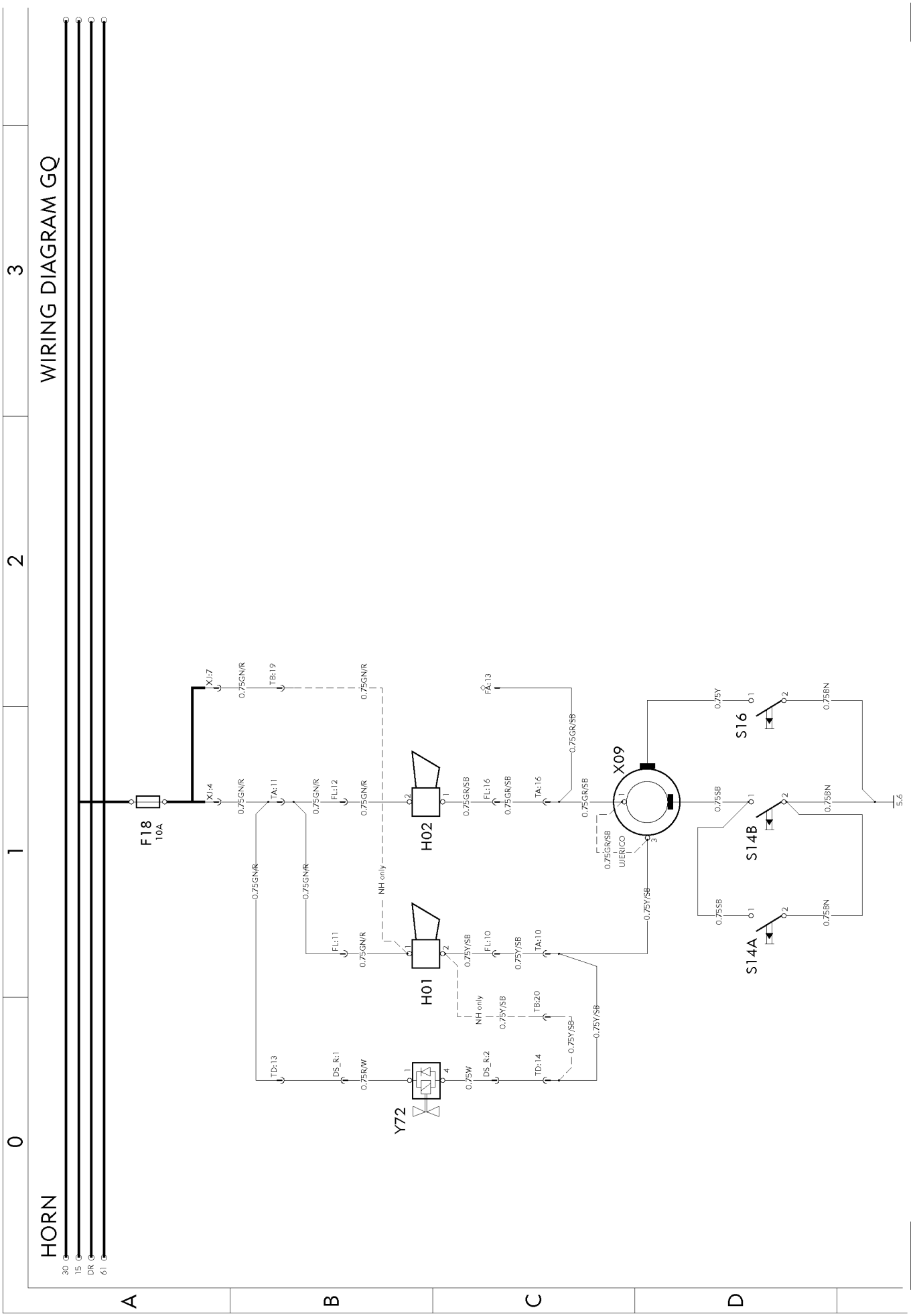

TRAILER CONNECTION
TRACTOR
WIRING DIAGRAM GH
0
1
2
3
A
B
C
D
30
15
DRL
61
See cab-chassi interface sheet:
KE
GG
RC_2:20
RC_2:19
0.75W
0.75BL
E05
SI_2:5
SI_2:4
SI_2:2
SI_2:1
ST_2:1
1.5VO
1.5P
1.5BN
1.5GR
4.0R
RC_2:17
RC_2:18
RC_2:14
RC_2:11
RC_2:9
RC_2:12
RC_2:2
RC_2:3
RC_2:4
RC_2:5
RC_2:6
RC_2:10
RC_2:7
1.5BL/W
1.5BL/R
1.5BL/GR
2.5R
1.5GR/SB
1.5GN/GR
1.5GY/SB
1.5Y
1.5N/SB
1.5GN
2.5BL/SB
1.5GN/R
1.5BL
X03_2:14
X03_2:15
X03_2:3
X03_2:9
X03_2:11
X03_2:12
X03_2:5
X03_2:1
X03_2:7
X03_2:2
X03_2:6
X03_2:8
X03_2:10
X03_2:13
X03_2:4
4.0W
2.5W
1.5W
XGH1
5.7_3
5.7_2
1.5BL
2.5BL/SB
1.5GN/R
1.5GN
1.5N/SB
1.5Y
1.5GR/SB
2.5BL/GR
1.5BL/R
1.5BL/W
X04_2:1
X04_2:2
X04_2:3
X04_2:4
X04_2:5
X04_2:6
X04_2:7
X02_2:4
X02_2:3
X02_2:1
X02_2:2
X02_2:5
X02_2:6
X02_2:7

T3017674

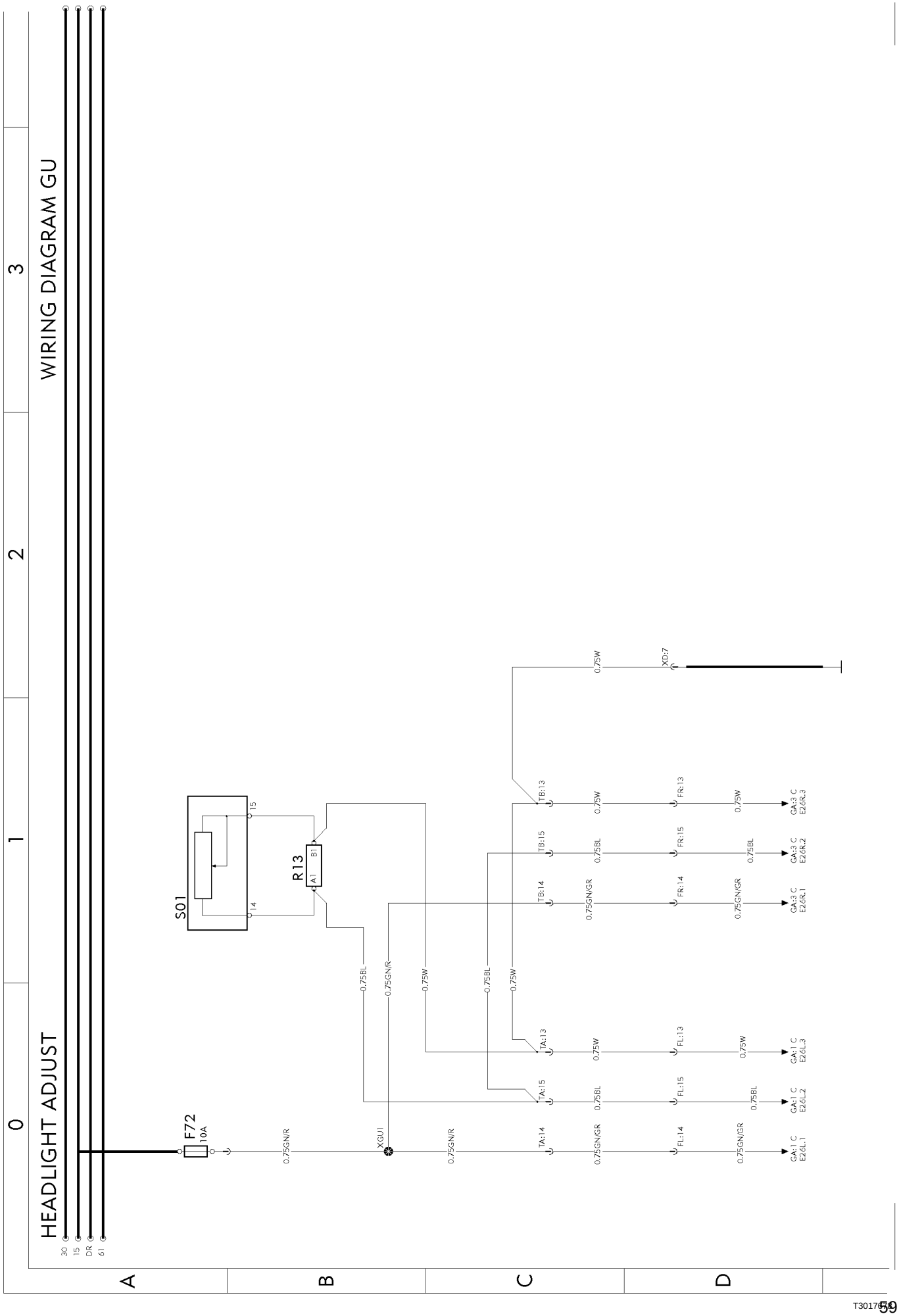

LCM VERS-SAM/TYPE-N
HEADLIGHTS
WIRING DIAGRAM GI
30
15
DRL
61
E30L
E07L
E74L
E03L
E08L
E30R
E07R
E74R
E03R
E08R
XEL1
XER1
X1.3A_3
X1.4B_3
TA_2:1
TA_2:12
TB_2:1
TB_2:12
GM:0 D M02:1
0.75SW
1.5SW
2.5W
0.75GR/SB
0.75GR/R
0.75GN/SB
1.5BN/W
1.5Y
1.5BL/W
0.75Y/W

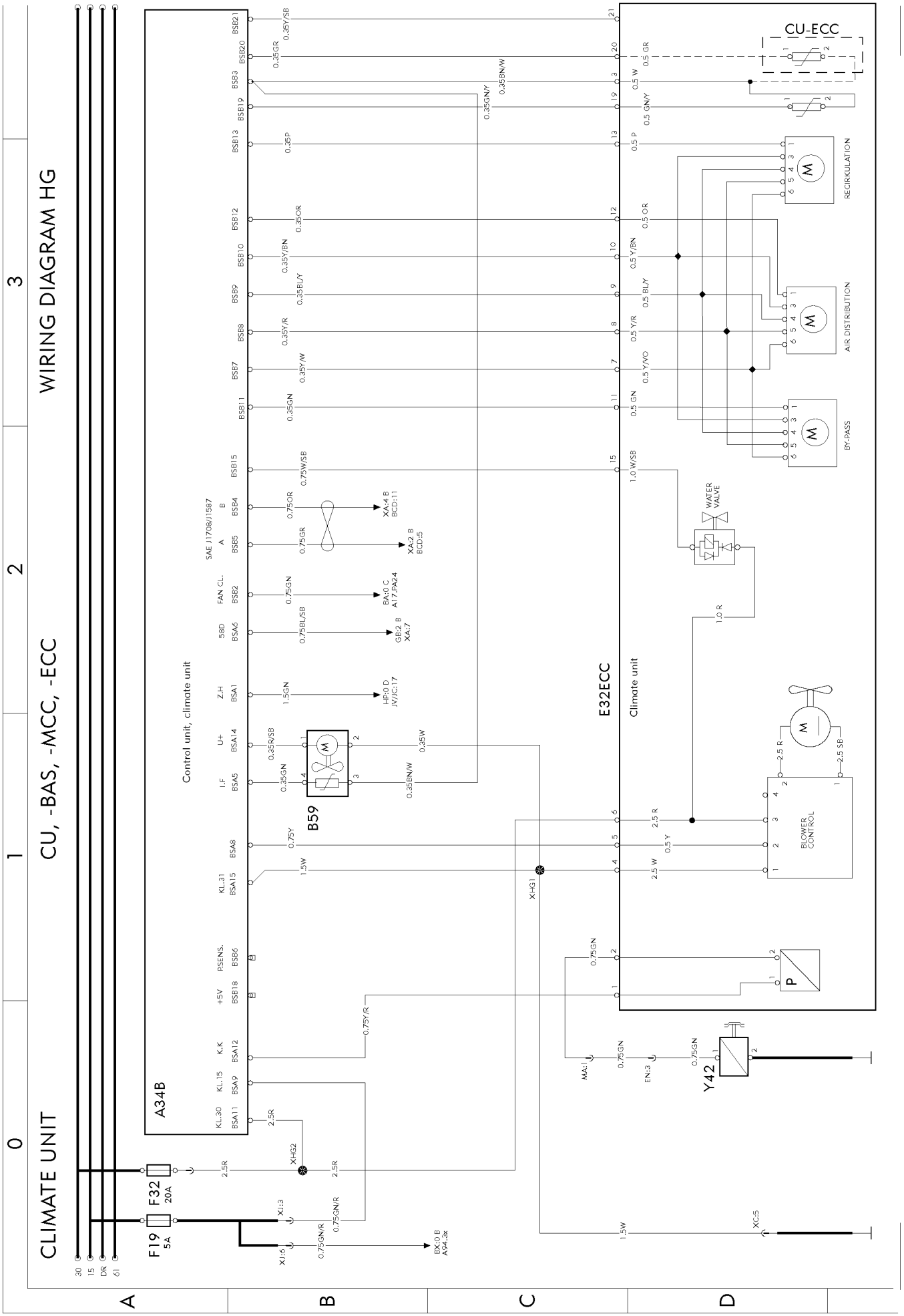

WIRING DIAGRAM GK
TRAILER CONNECTIONS (AUS ONLY)
Cab interface
ABS Tractor
ABS Rigid
Trailerlight Rigid
Trailerlight Tractor
INPUT
OUTPUT
POWER
U06
E05
XGK1
XGK2
XGK3
XGK4
XGK5
XGK6
XGK7
DC/DC 24V/12V 120W
TURN-L
TURN-R
STOP
TAIL
REV.
CB 25A
CB 10A

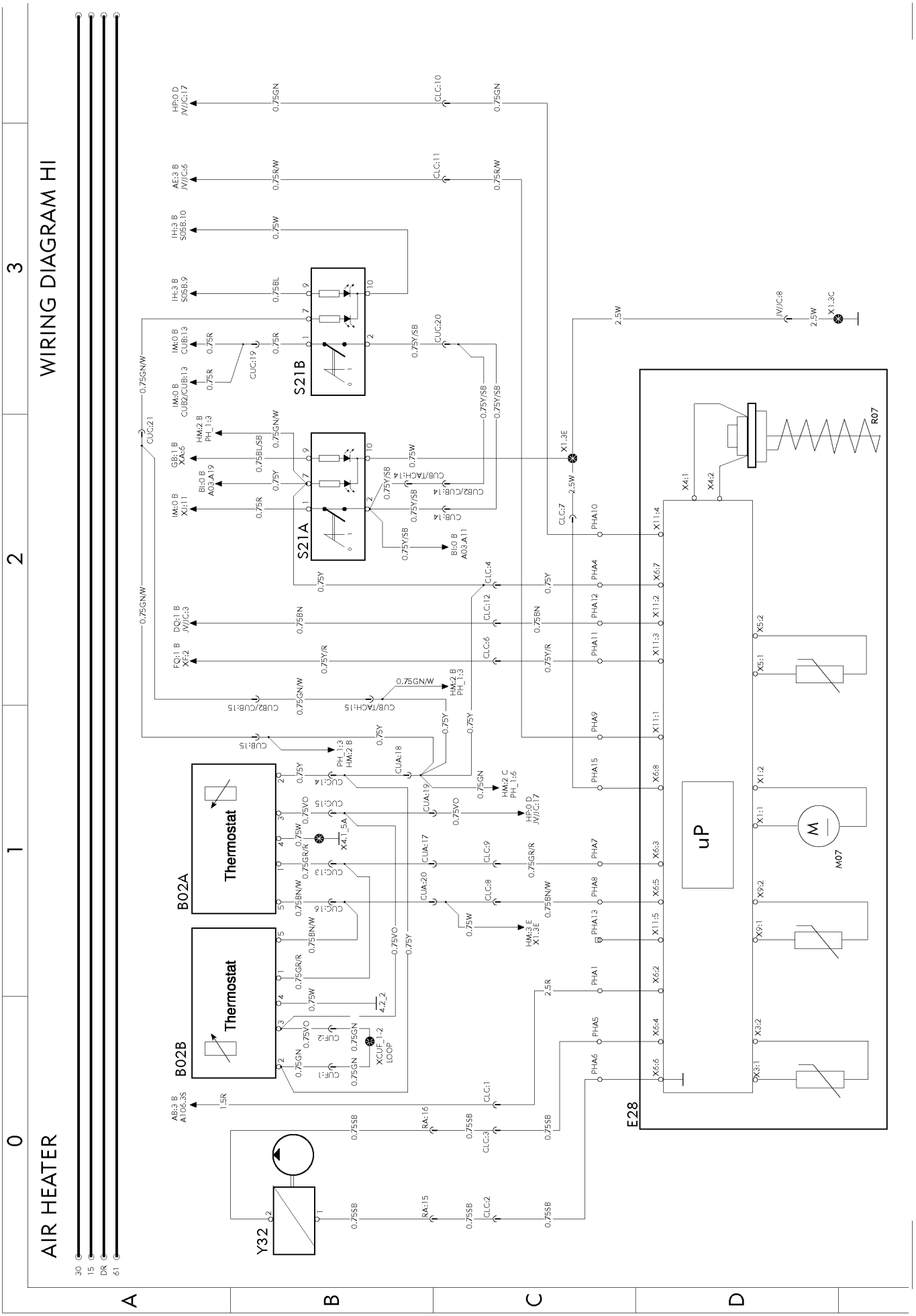

WIPER, WASHER
WIRING DIAGRAM GM
0
1
2
3
A
B
C
D
30
15
DR
61
F13
15A
F74
15A
S06/S30
M01
M02
M03
K7
K35
X1.3A
X1.3D
TD:8
TD:9
TD:10
TD:11
TD:12
TB:10
TB:11
TB:16
FR:10
FR:11
FR:16
TA:18
TA:19
NH only
GA:3 D X1.4B_1
GI:1 D X13A_3
GB:0 C A27.PC1_14
GB:0 C A27.LC2_10
GB:0 C A27.LC2_11
GB:0 C A27.LC2_5
GA:0 B A27.PC2_5
BI:0 B A03.C29
1.5GN/R
1.5BL/R
1.5BL
1.5GN/SB
1.5GN/Y
1.5GN
1.5GN/R
1.0GN/R
1.5BL/GN
0.75GN
0.75GN/Y
0.75GN/R
0.75Y/SB
0.75BL/Y
1.5R
0.75Y
0.75W
1.5W
0.75GN/W
1.5GN/W

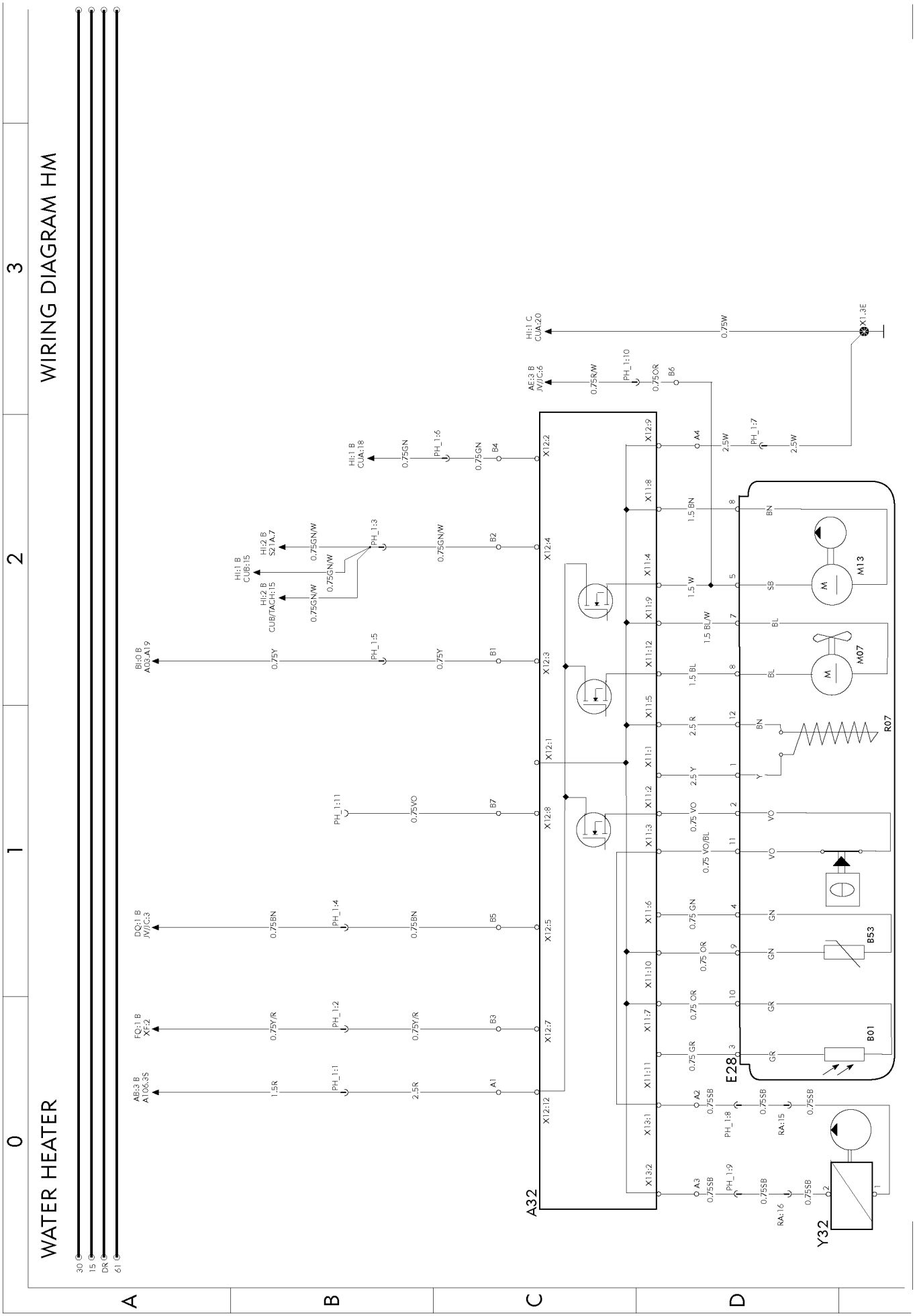

WIRING DIAGRAM GQ
HORN
30
15
DR
61
F18
10A
X1:4
X1:7
TA:11
TB:19
FL:12
FL:11
FL:10
FL:16
FA:13
TA:16
TA:10
TB:20
TD:13
TD:14
DS_R:1
DS_R:2
0.75GN/R
0.75GR/SB
0.75Y/SB
0.75SW
0.75W
0.75Y
0.75SB
0.75BN
NH only
H01
H02
Y72
X09
S16
S14B
S14A
UJERICO
5:6
A
B
C
D
0
1
2
3

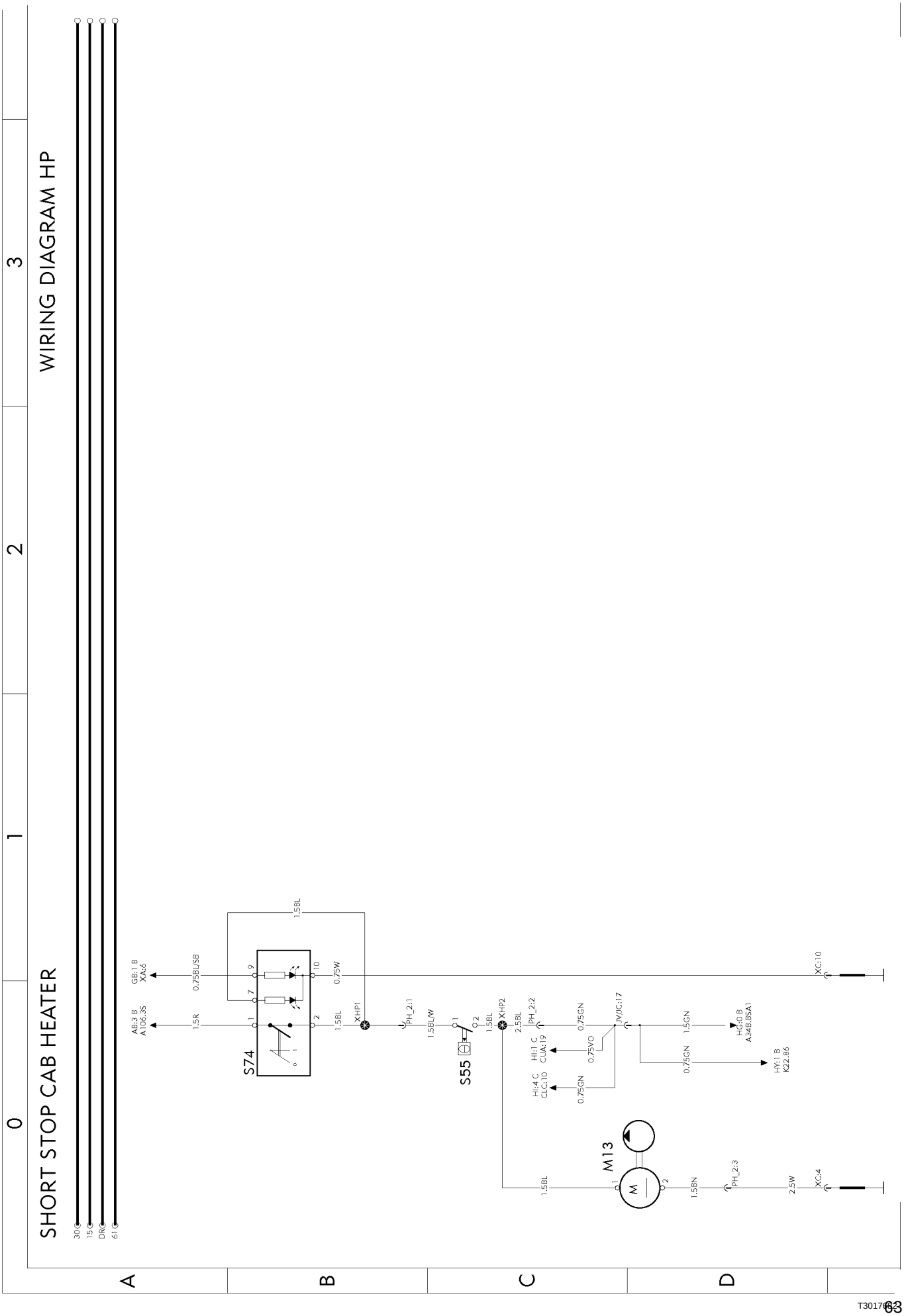
T3018275

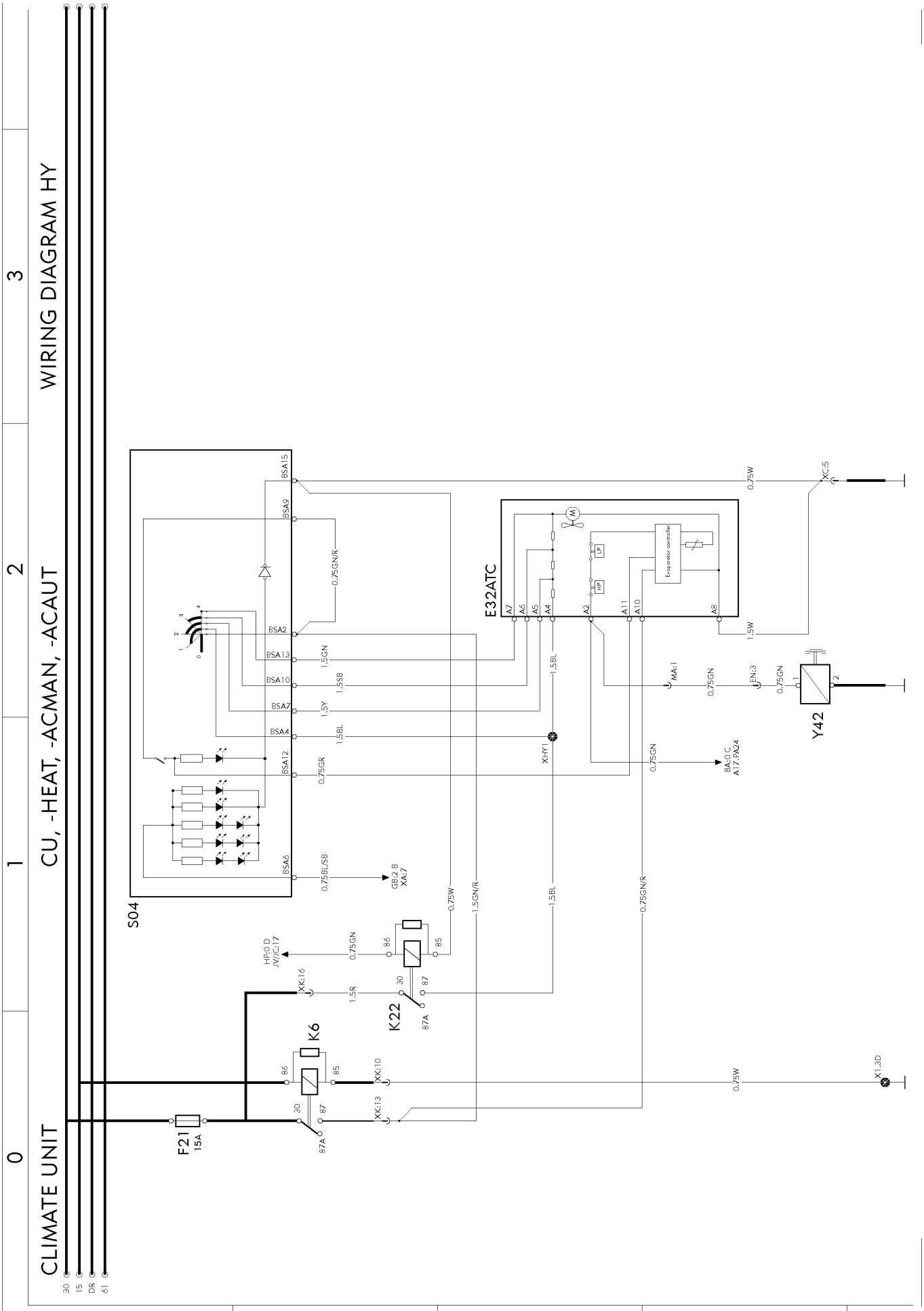

WIRING DIAGRAM GU
HEADLIGHT ADJUST
0
1
2
3
A
B
C
D
30
15
DR
61
F72
10A
S01
R13
A1
B1
15
14
XGU1
0.75GN/R
0.75BL
0.75W
0.75GN/GR
TA:13
TA:14
TA:15
TB:13
TB:14
TB:15
FL:13
FL:14
FL:15
FR:13
FR:14
FR:15
XD-7
GA:1 C
E26L.1
GA:1 C
E26L.2
GA:1 C
E26L.3
GA:3 C
E26R.1
GA:3 C
E26R.2
GA:3 C
E26R.3

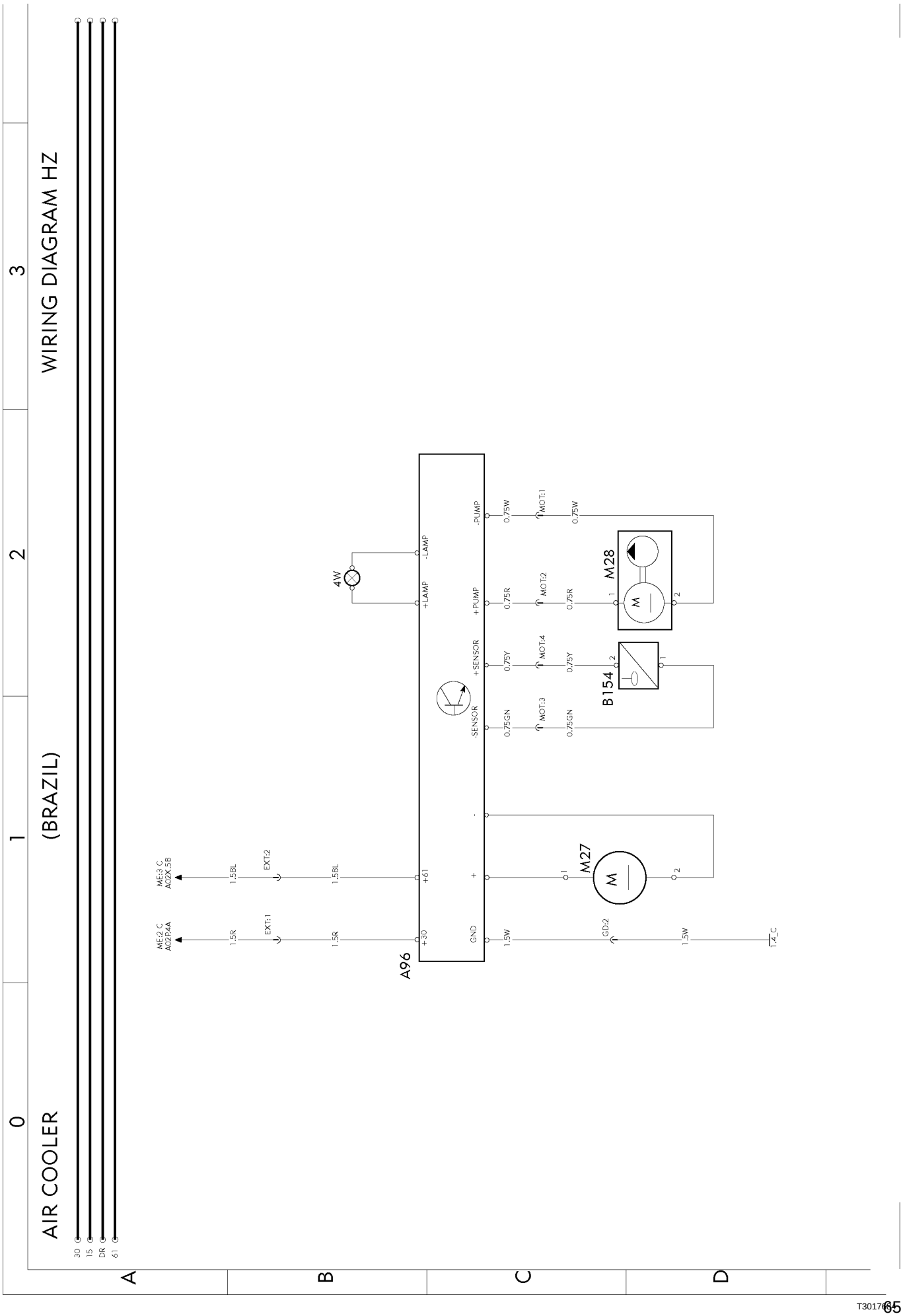

WIRING DIAGRAM HG
CU, -BAS, -MCC, -ECC
CLIMATE UNIT
A34B
Control unit, climate unit
E32ECC
Climate unit
CU-ECC
REGIRKULATION
AIR DISTRIBUTION
BY-PASS
WATER VALVE
BLOWER CONTROL
B59
Y42
F19 5A
F32 20A
XHG2
XHG1
XC:5
XJ:3
XJ:6
MA:1
EN:3
BX:0 B A94.3x
HP:0 D JV/JC:17
BA:0 C A17.PA24
GB:2 B XA:7
XA:4 B BCD:11
XA:2 B BCD:5
SAE J1708/J1587
FAN CL.
58D
Z.H
U+
I.F
K.K
KL.15
KL.30
+5V
PSENS.
KL.31
0 1 2 3
A B C D

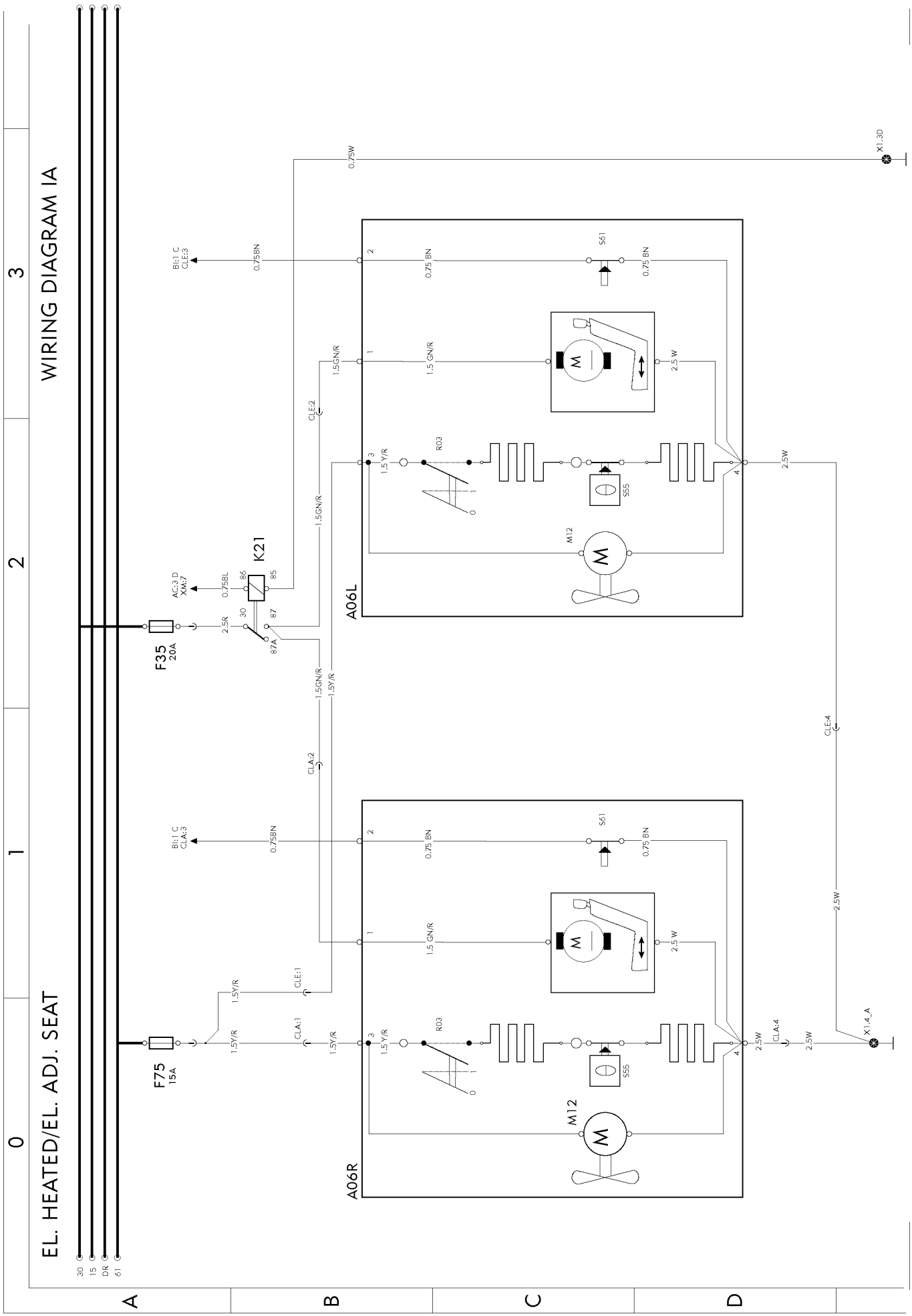

WIRING DIAGRAM HI
AIR HEATER
30
15
DR
61
B02A
Thermostat
B02B
Thermostat
S21A
S21B
Y32
E28
uP
M07
R07

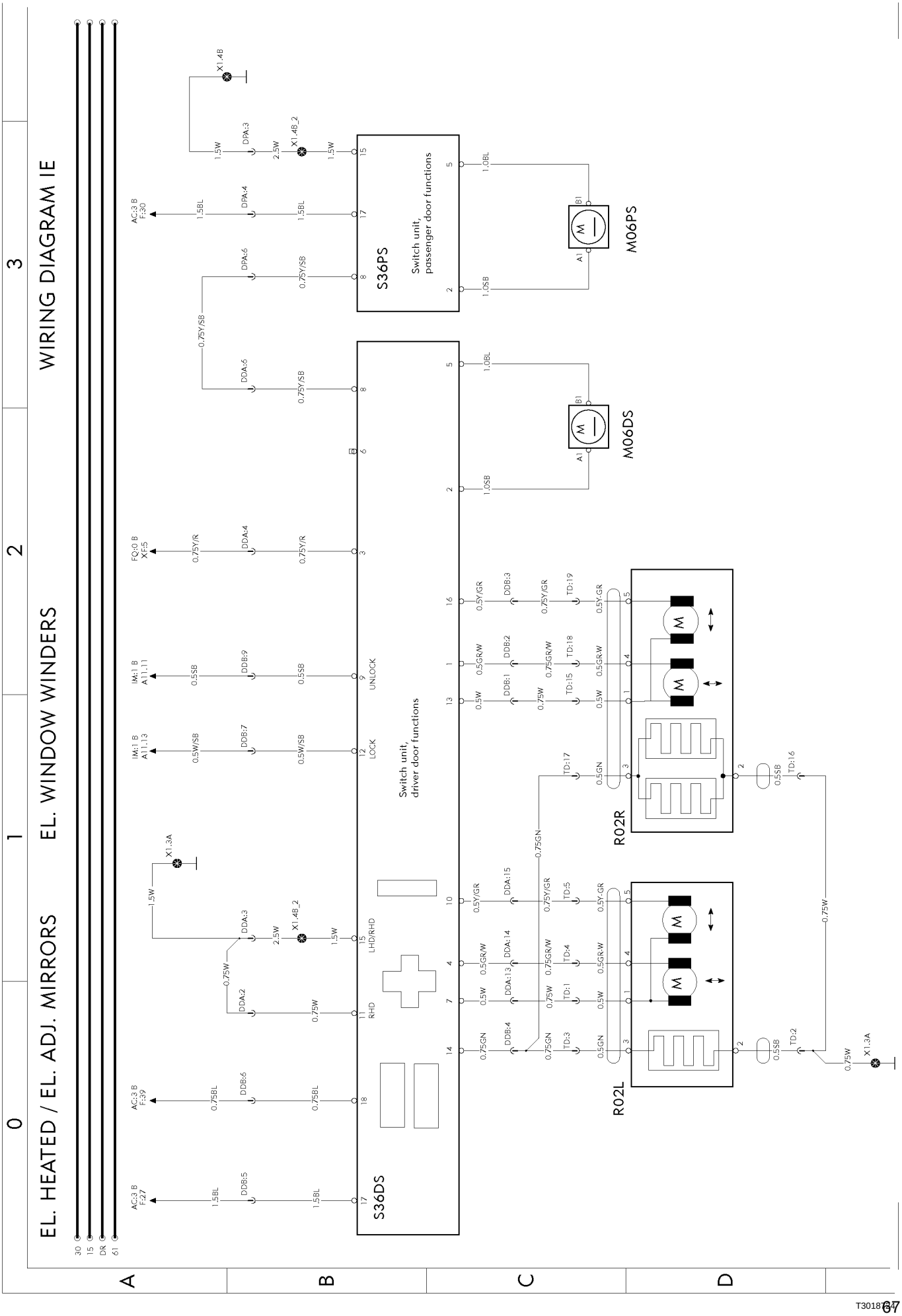

WATER HEATER
WIRING DIAGRAM HM
0
1
2
3
A
B
C
D
30
15
DR
61
A32
E28
Y32
M13
M07
R07
B53
B01
X1:3E
0.75W
2.5W
1.5 BN
1.5 W
1.5 BL/W
1.5 BL
2.5 R
2.5 Y
0.75 VO
0.75 VO/BL
0.75 GN
0.75 OR
0.75 GR
0.75SB
0.75GN
0.75GN/W
0.75SY
0.75VO
0.75BN
0.75Y/R
0.75OR
0.75RK/W
1.5R
2.5R

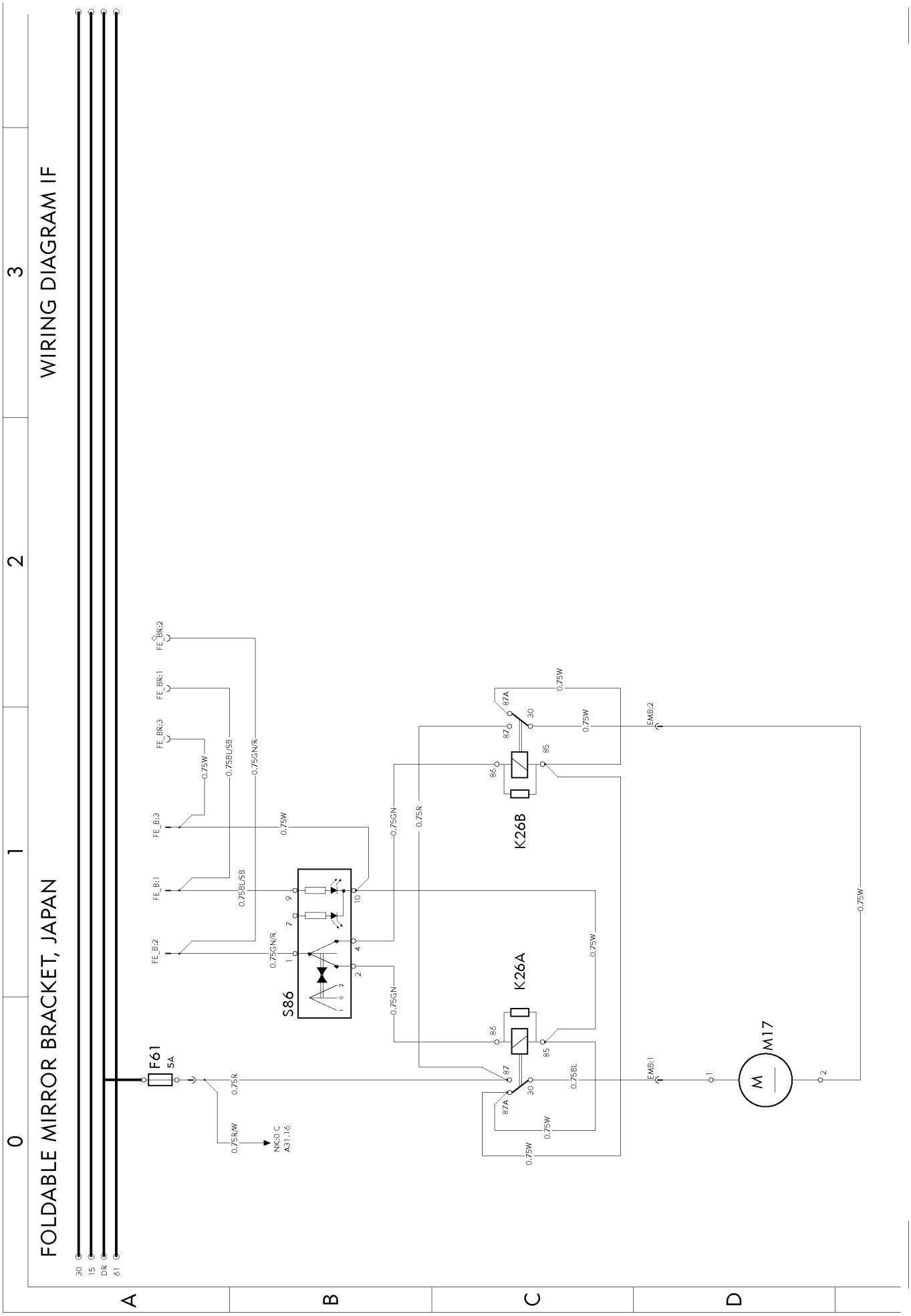

WIRING DIAGRAM HP
SHORT STOP CAB HEATER
0
1
2
3
A
B
C
D
30
15
DR
61
S74
S55
M13
XHP1
XHP2
XC:10
XC:4
1.5BL
0.75BL/SB
0.75W
1.5R
1.5BL/W
2.5BL
0.75GN
0.75VO
1.5GN
1.5BN
2.5W


WIRING DIAGRAM HY
CU, -HEAT, -ACMAN, -ACAUT
CLIMATE UNIT
0
1
2
3
A
B
C
D
30
15
DR
61
S04
BSA15
BSA9
BSA2
BSA13
BSA10
BSA7
BSA4
BSA12
BSA6
0.75GN/R
1.5GN
1.5SB
1.5Y
1.5BL
0.75GR
0.75BL/SB
GR:2 B
XA:7
E32ATC
A7
A6
A5
A4
A2
A11
A10
A8
LP
HP
Evaporator controller
0.75W
XC:5
1.5W
MA:1
EN:3
0.75GN
Y42
XHY1
BA:0 C
A17:PA24
HP:0 D
JV/JC:17
XK:16
XK:10
XK:13
K6
K22
86
85
30
87
87A
F21
15A
X1.3D

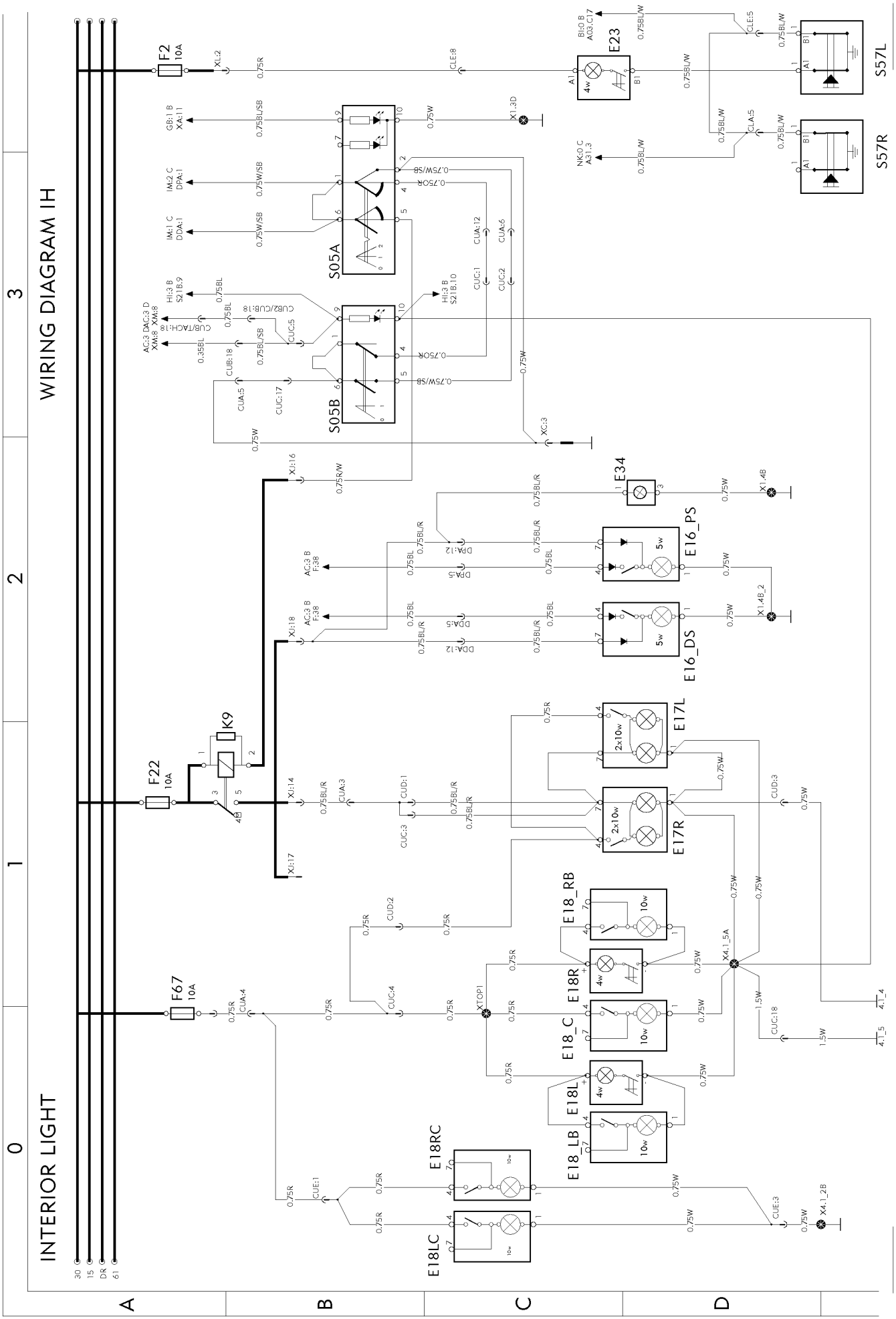

AIR COOLER
(BRAZIL)
WIRING DIAGRAM HZ
0
1
2
3
A
B
C
D
30
15
DR
61
A96
4W
M27
M28
B154
+30
GND
+61
-LAMP
+LAMP
+PUMP
-PUMP
+SENSOR
-SENSOR
1.5R
1.5W
1.5BL
0.75R
0.75W
0.75Y
0.75GN
EXT:1
EXT:2
MOT:1
MOT:2
MOT:3
MOT:4
GD:2
1.4_C
ME:2.C
A02.P.4A
ME:3.C
A02X.5.B

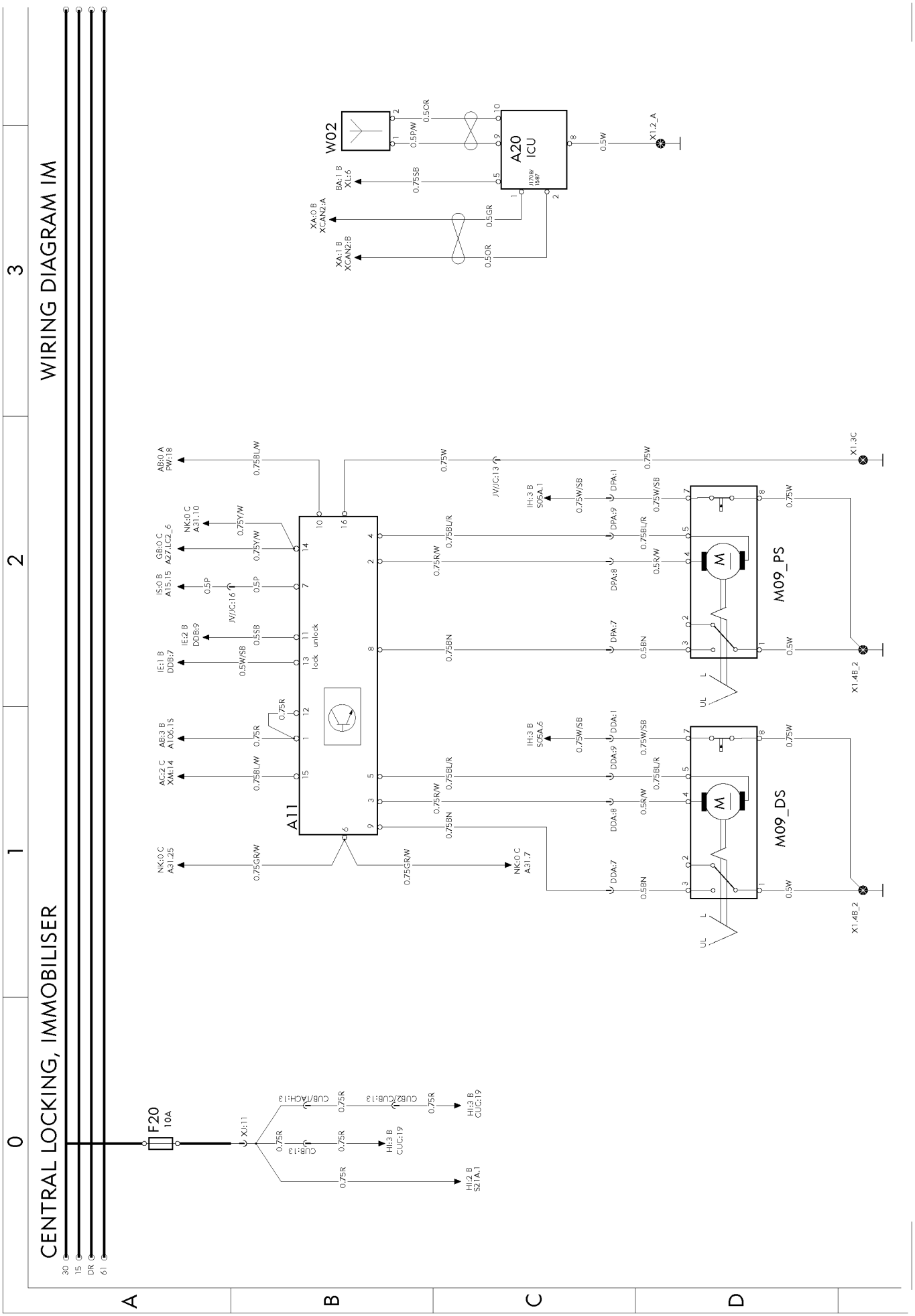

EL. HEATED/EL. ADJ. SEAT
WIRING DIAGRAM IA
0
1
2
3
A
B
C
D
30
15
DR
61
F75
15A
F35
20A
K21
A06R
A06L
M12
S55
S61
R03
CLA:1
CLA:2
CLA:4
CLE:1
CLE:2
CLE:4
X1.3D
X1.4_A
AC:3 D
XM:7
B|:1 C
CLA:3
B|:1 C
CLE:3
0.75SW
0.75BN
0.75BL
1.5GN/R
1.5Y/R
1.5 GN/R
0.75 BN
2.5 W
2.5R
2.5W

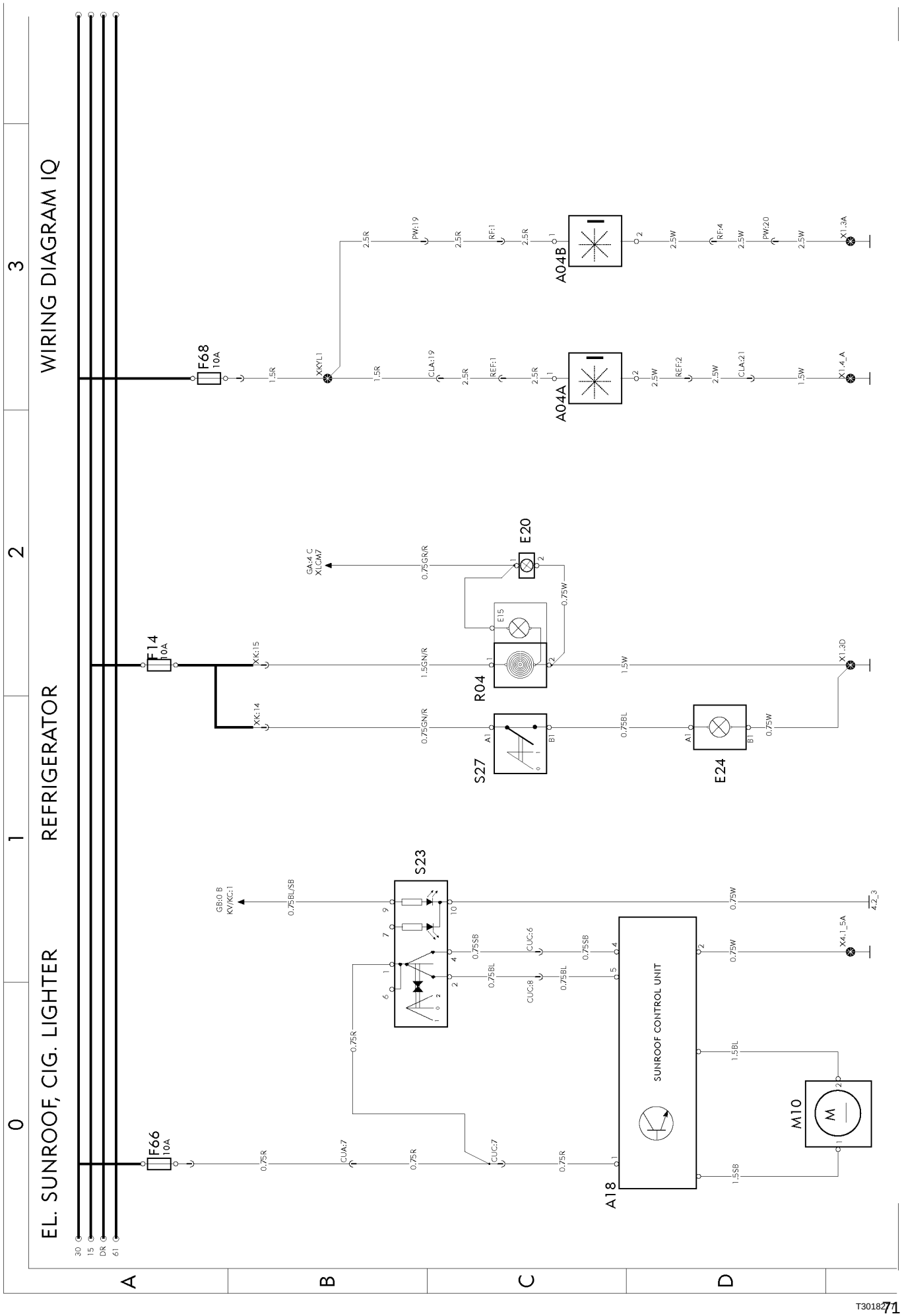

EL. HEATED / EL. ADJ. MIRRORS
EL. WINDOW WINDERS
WIRING DIAGRAM IE
0
1
2
3
A
B
C
D
30
15
DR
61
S36DS
Switch unit, driver door functions
S36PS
Switch unit, passenger door functions
M06DS
M06PS
R02L
R02R
LHD/RHD
LOCK
UNLOCK
RHD
X1.3A
X1.4B
X1.4B_2

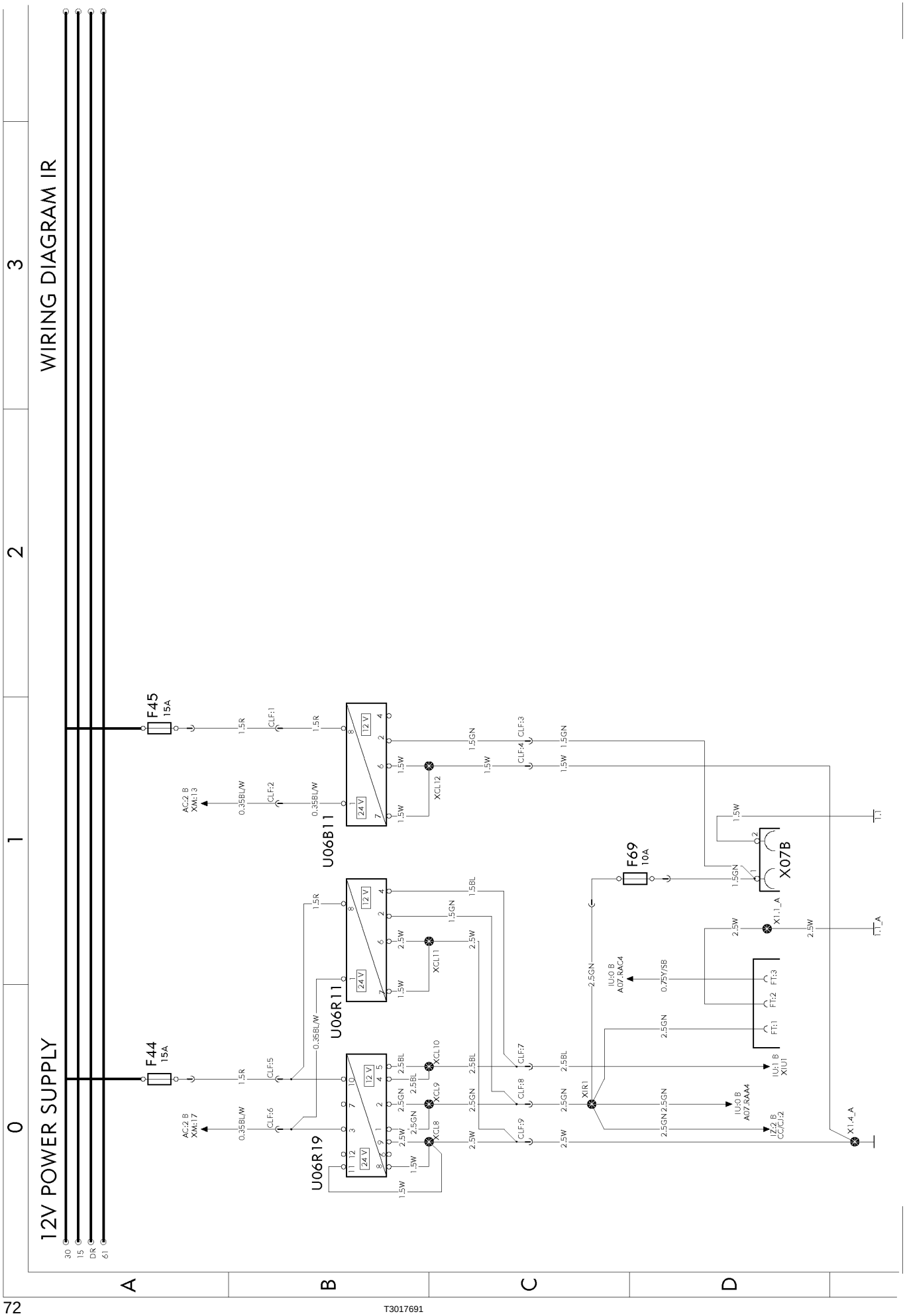

FOLDABLE MIRROR BRACKET, JAPAN
WIRING DIAGRAM IF
0
1
2
3
A
B
C
D
30
15
DR
61
F61
5A
0.75R
0.75R/W
NK:0 C
A31.16
FE_BR:2
FE_BR:1
FE_BR:3
FE_B:3
FE_B:1
FE_B:2
0.75W
0.75BU/SB
0.75GN/R
S86
0.75GN
0.75R
K26B
K26A
87A
87
30
85
86
EMB:2
EMB:1
M17
0.75BL

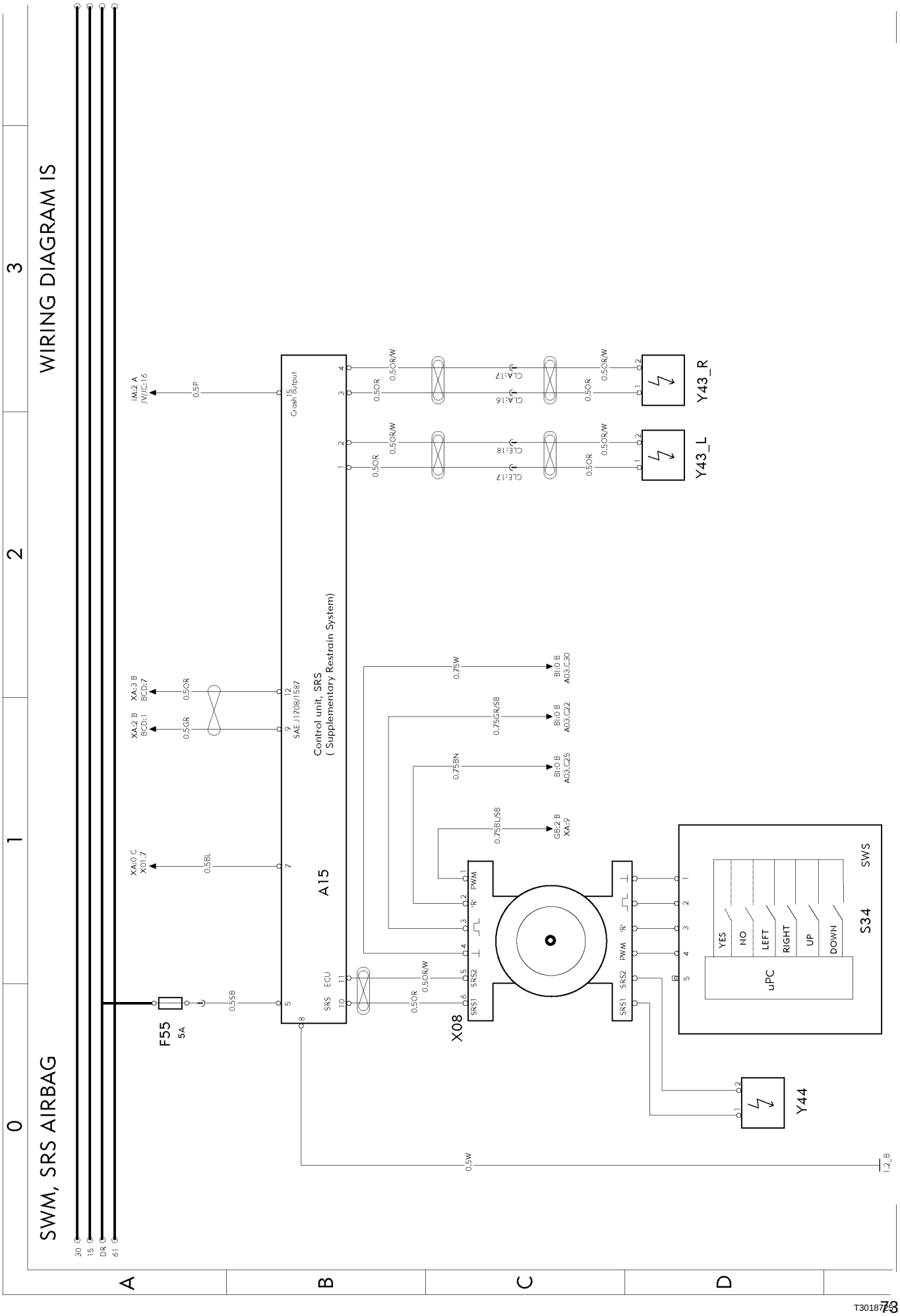
T3018276

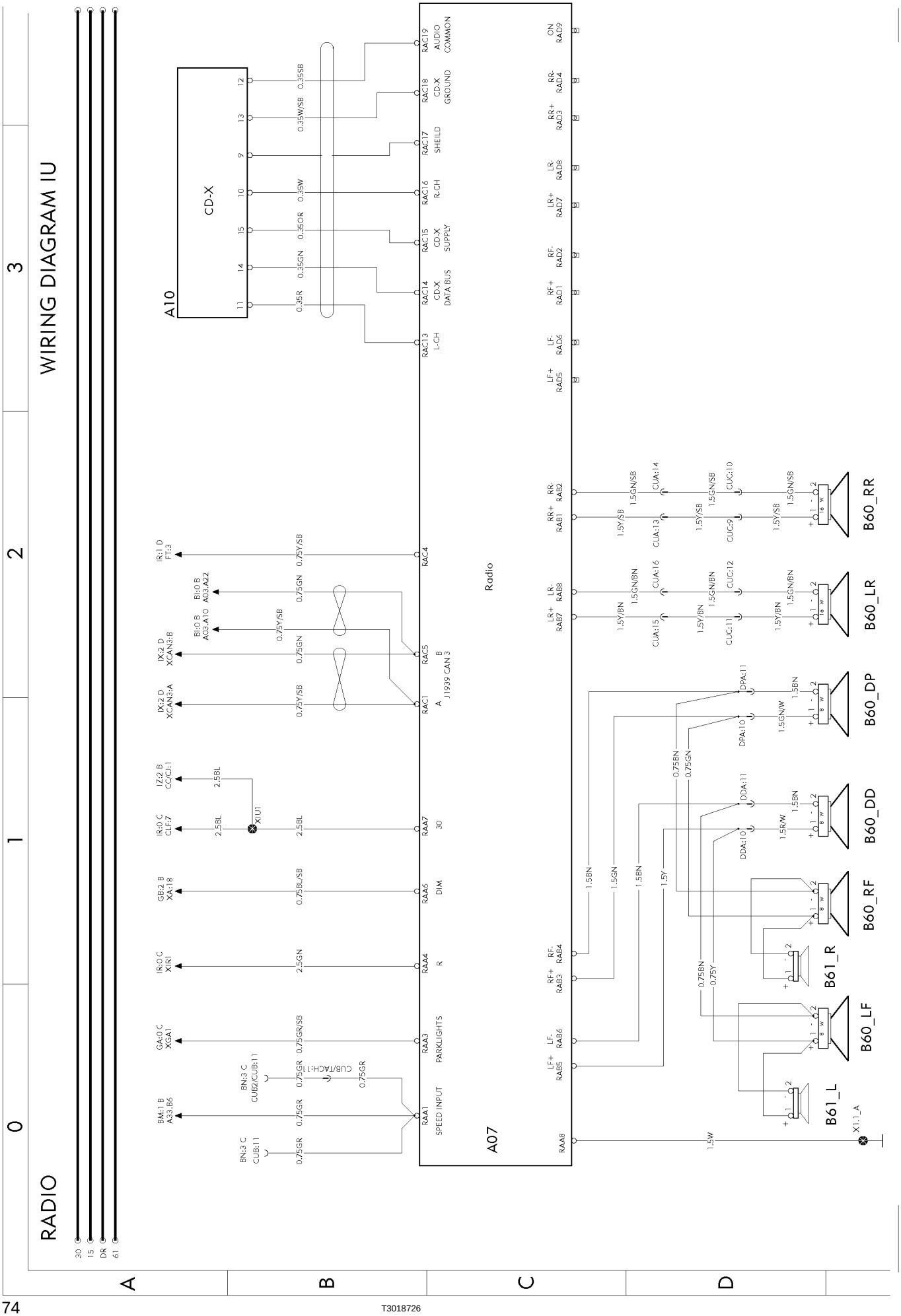

WIRING DIAGRAM IH
INTERIOR LIGHT
0
1
2
3
A
B
C
D
30
15
DR
61
F2
10A
F22
10A
F67
10A
K9
S05A
S05B
S57L
S57R
E23
E34
E16_PS
E16_DS
E17L
E17R
E18_RB
E18R
E18_C
E18L
E18_LB
E18RC
E18LC
XTOP1
T3017669

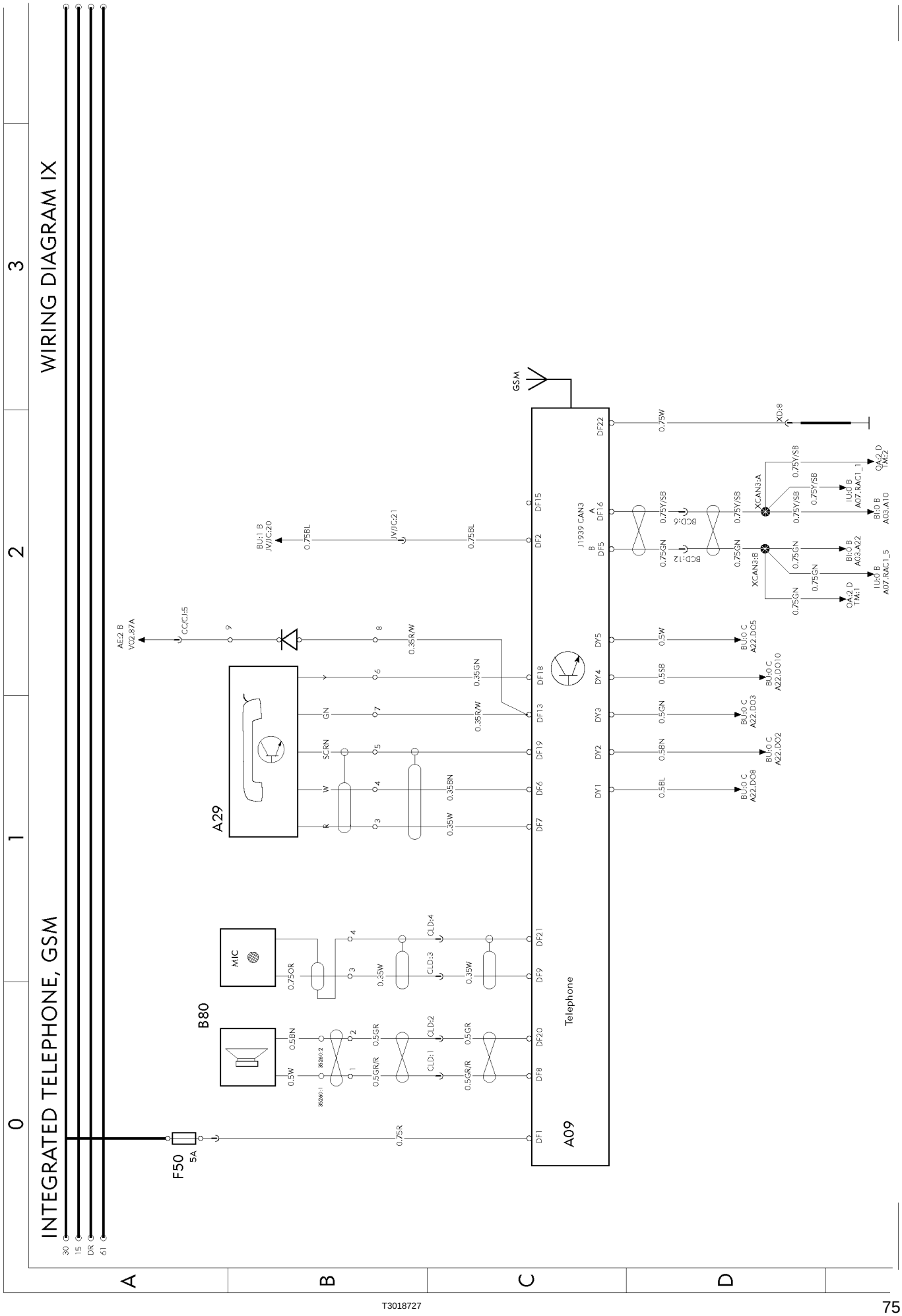

WIRING DIAGRAM IM
CENTRAL LOCKING, IMMOBILISER
30
15
DR
61
F20
10A
A11
lock
unlock
A20
ICU
W02
M09_PS
M09_DS
0.75R
0.75BL/W
0.75GR/W
0.75BN
0.75BL/R
0.75R/W
0.75W/SB
0.5R/W
0.5BN
0.75Y/W
0.5P
0.5SB
0.5W/SB
0.5OR
0.5GR
0.5P/W
0.5W
0.75SB
0.75W

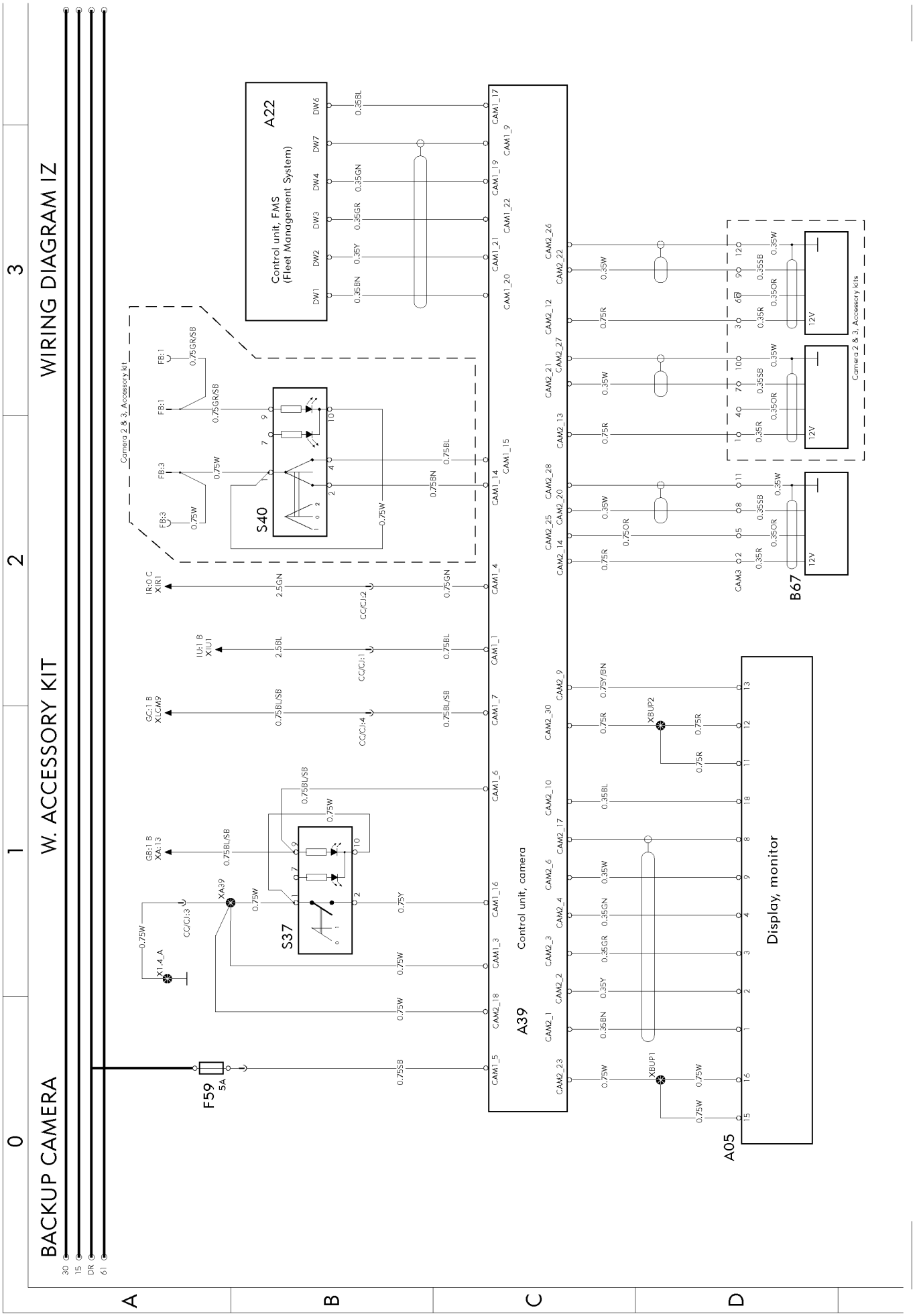

EL. SUNROOF, CIG. LIGHTER
REFRIGERATOR
WIRING DIAGRAM IQ
0
1
2
3
A
B
C
D
30
15
DR
61
F66
10A
F14
10A
F68
10A
A04A
A04B
A18
SUNROOF CONTROL UNIT
S23
S27
R04
E20
E24
M10
0.75R
0.75BL/SB
0.75GN/R
1.5GN/R
0.75GR/R
0.75BL
1.5R
2.5R
2.5W
1.5W
0.75W
1.5BL
1.5SB
CUA:7
CUC:7
CUC:6
CUC:8
XK:15
XK:14
XKYL1
CLA:19
REF:1
PW:19
RF:1
REF:2
CLA:21
RF:4
PW:20
X1.3A
X1.4_A
X1.3D
X4.1_5A
4.2_3
GB:0 B
KV/KC:1
GA:4 C
XLCM7


WIRING DIAGRAM IR
12V POWER SUPPLY
0
1
2
3
A
B
C
D
30
15
DR
61
F45
15A
F44
15A
F69
10A
U06B11
U06R11
U06R19
X07B
XCL12
XCL11
XCL10
XCL9
XCL8
XIR1
CLF:1
CLF:2
CLF:3
CLF:4
CLF:5
CLF:6
CLF:7
CLF:8
CLF:9
FT:1
FT:2
FT:3
12 V
24 V
1.5R
1.5GN
1.5BL
1.5W
2.5W
2.5GN
2.5BL
0.35BL/W
0.75Y/SB
AC:2 B
XM:13
AC:2 B
XM:17
IU:0 B
A07:RAC4
IU:0 B
A07:RAA4
IU:1 B
X1U1
IZ:2 B
CC/CI:2
X1.1_A
X1.4_A
1.1
1.1_A

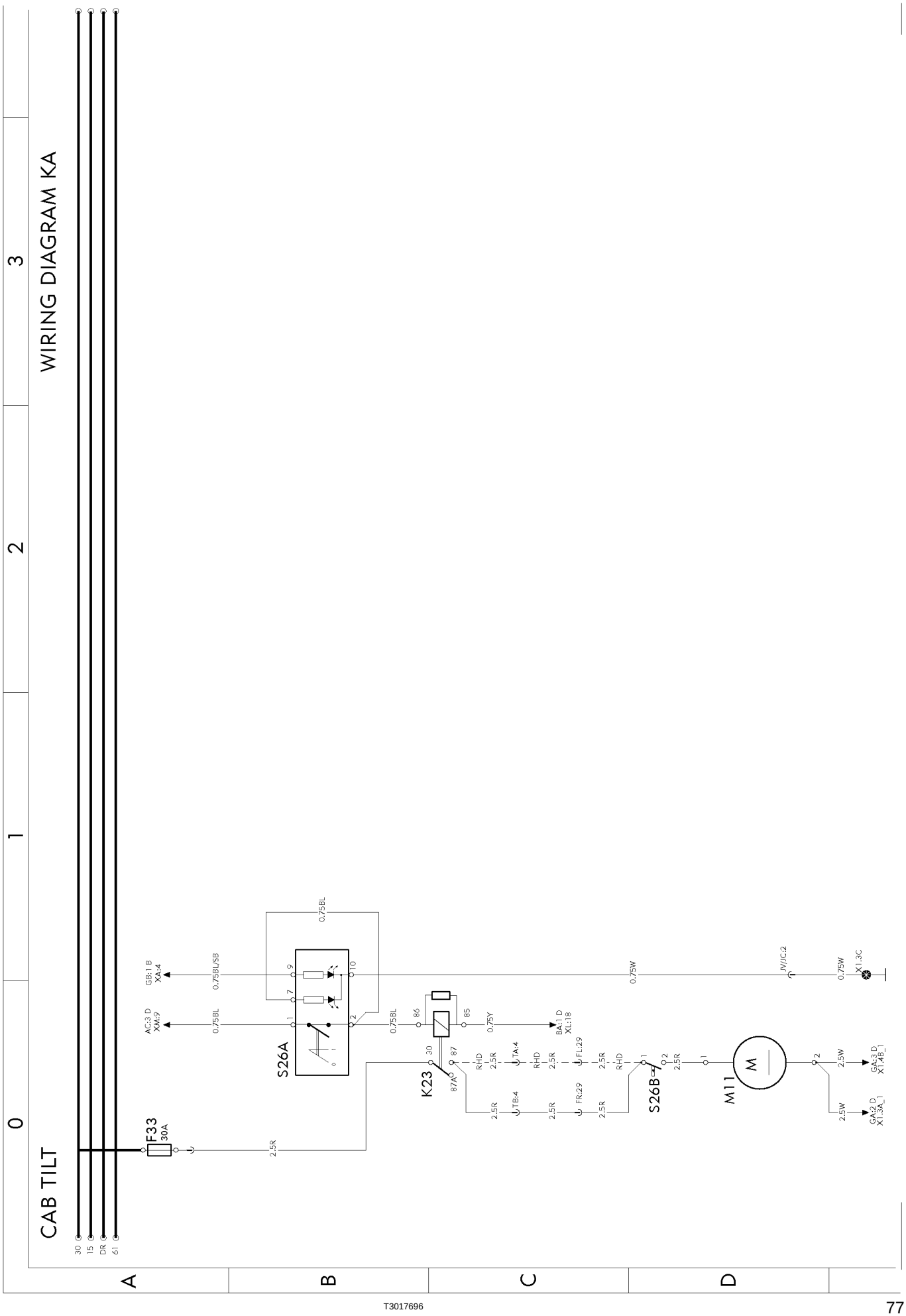

SWM, SRS AIRBAG
WIRING DIAGRAM IS
0
1
2
3
A
B
C
D
30
15
DR
61
F55
5A
0.5SB
A15
Control unit, SRS
(Supplementary Restrain System)
SRS ECU
SAE J1708/J1587
Crash Output
IM:2 A
JVJC:16
0.5P
XA:0 C
X01.7
0.5BL
XA:2 B
BCD:1
0.5GR
XA:3 B
BCD:7
0.5OR
0.5OR/W
CE:17
CE:16
CE:18
Y43_L
Y43_R
Y44
X08
SRS1
SRS2
PWM
IR
0.75W
0.75GR/SB
0.75BN
0.75BL/SB
Bl:0 B
A03.C30
Bl:0 B
A03.C22
Bl:0 B
A03.C25
GB:2 B
XA:9
S34
SWS
uPC
YES
NO
LEFT
RIGHT
UP
DOWN
0.5W
1.2_B

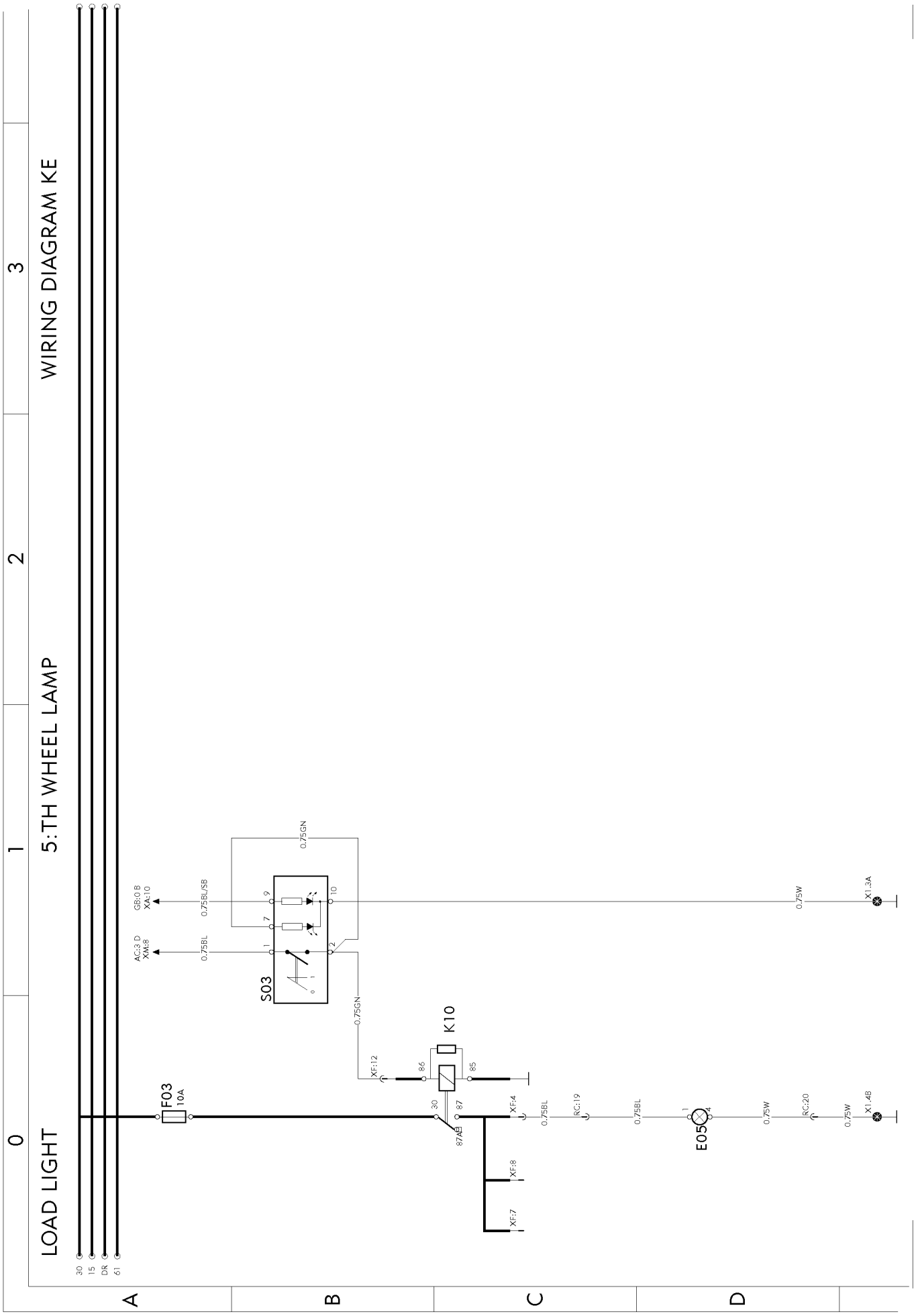

WIRING DIAGRAM IU
RADIO
A10
CD-X
A07
Radio
B60_LF
B60_RF
B60_DD
B60_DP
B60_LR
B60_RR
B61_L
B61_R


INTEGRATED TELEPHONE, GSM
WIRING DIAGRAM IX
30
15
DR
61
F50
5A
A09
Telephone
A29
B80
MIC
GSM
J1939 CAN3
XCAN3:A
XCAN3:B
0.75R
0.5BL
0.5BN
0.5W
0.5GR
0.5GR/R
0.75OR
0.35W
0.35BN
0.35GN
0.35R/W
0.35R/W
0.75BL
0.75GN
0.75Y/SB
0.75W
0.5W
0.5SB
0.5GN
0.5BN
0.5BL
0.75GN
0.75Y/SB
0.75GN
0.75Y/SB
0.75GN
0.75Y/SB
0.75Y/SB
0.75Y/SB
0.75GN
0.75GN
0.75Y/SB
0.75Y/SB
0.75Y/SB

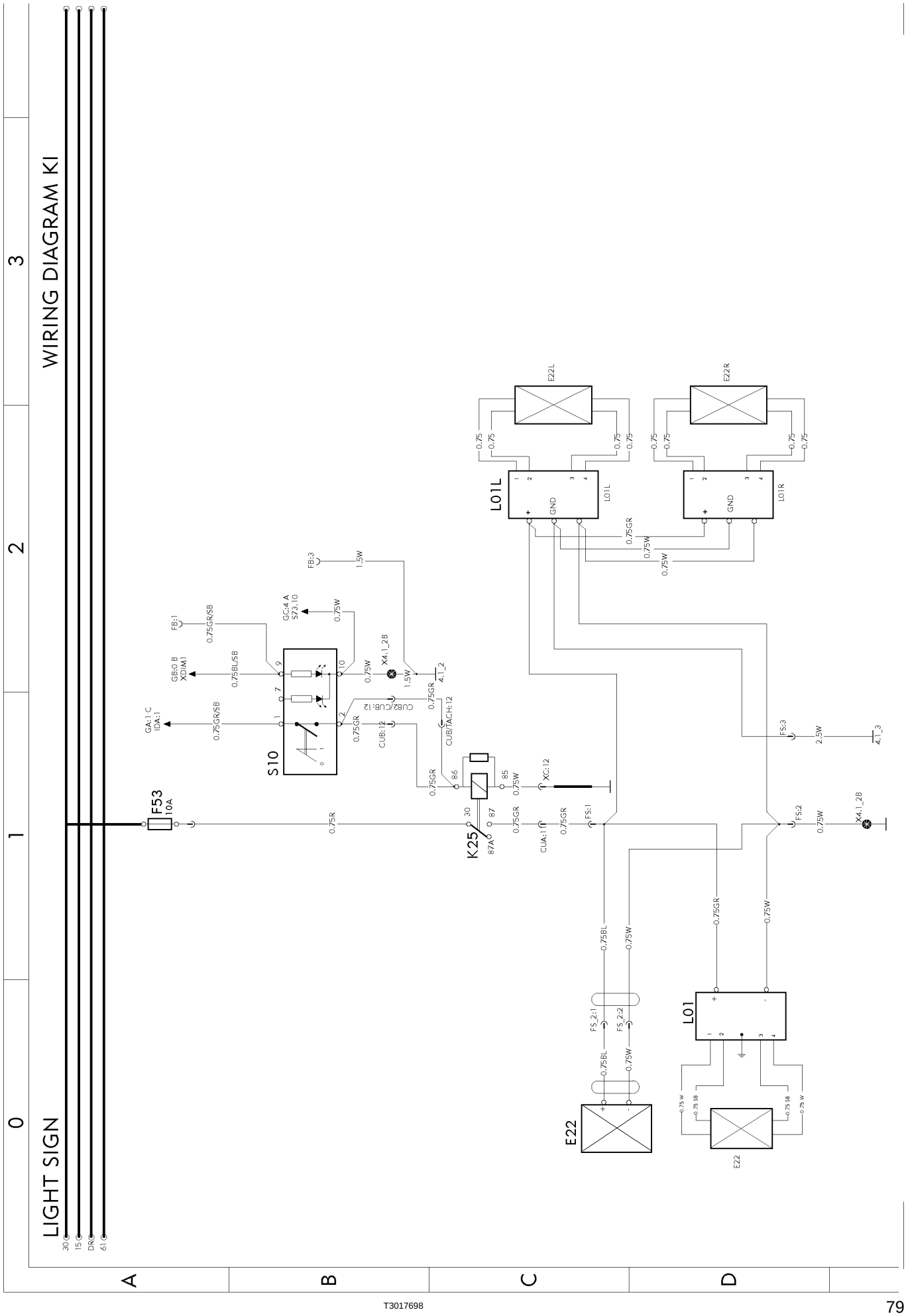

BACKUP CAMERA
W. ACCESSORY KIT
WIRING DIAGRAM IZ
A22
Control unit, FMS
(Fleet Management System)
A39
Control unit, camera
A05
Display, monitor
S40
S37
F59
5A
B67
Camera 2 & 3, Accessory kit
Camera 2 & 3, Accessory kits
XBUP1
XBUP2
30
15
DR
61

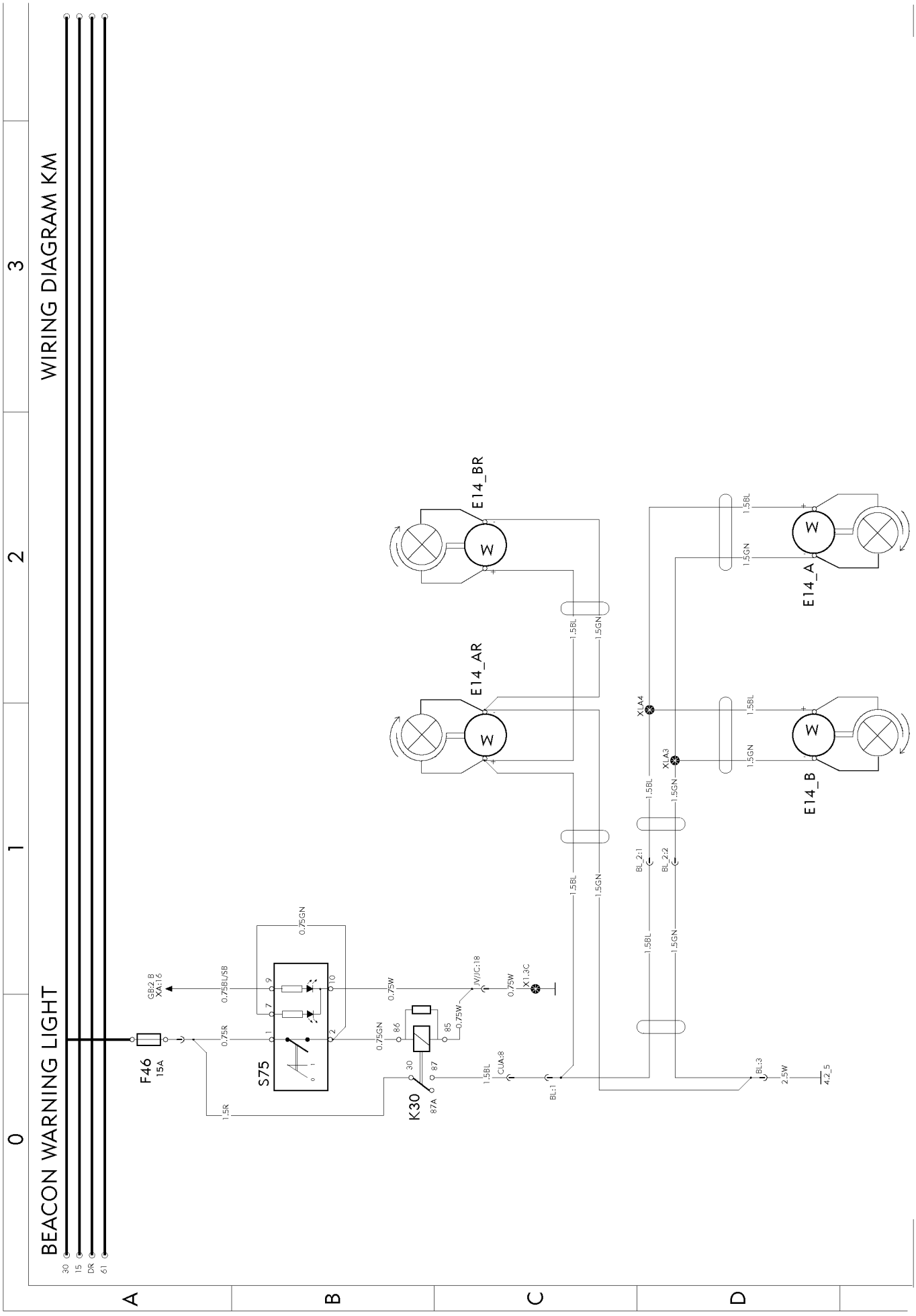
T3018278


WIRING DIAGRAM KA
CAB TILT
0
1
2
3
A
B
C
D
30
15
DR
61
F33
30A
2.5R
S26A
K23
S26B
M11
M
0.75BL
0.75BL/SB
0.75Y
0.75W
2.5R
2.5W
RHD
GB:1 B
XA:4
AC:3 D
XM:9
BA:1 D
XL:18
TA:4
TB:4
FI:29
FR:29
IV/IC:2
X1.3C
GA:3 D
X1.4B_1
GA:2 D
X1.3A_1

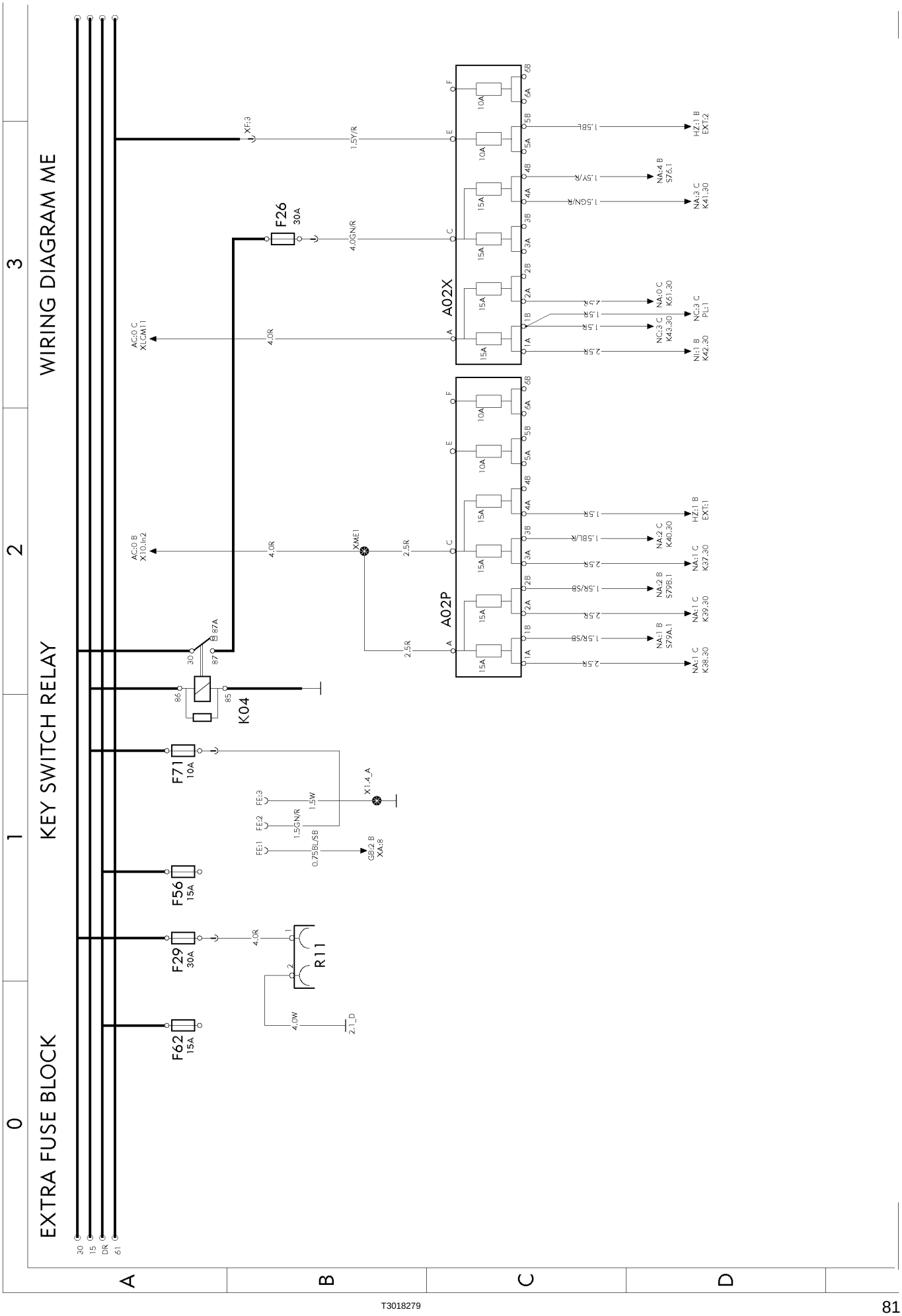

WIRING DIAGRAM KE
5:TH WHEEL LAMP
LOAD LIGHT
0
1
2
3
A
B
C
D
30
15
DR
61
F03
10A
S03
K10
E05
0.75GN
0.75BL/SB
0.75BL
0.75W
GB:0 B
XA:10
AC:3 D
XM:8
XF:12
XF:4
XF:8
XF:7
RC:19
RC:20
X1.3A
X1.4B

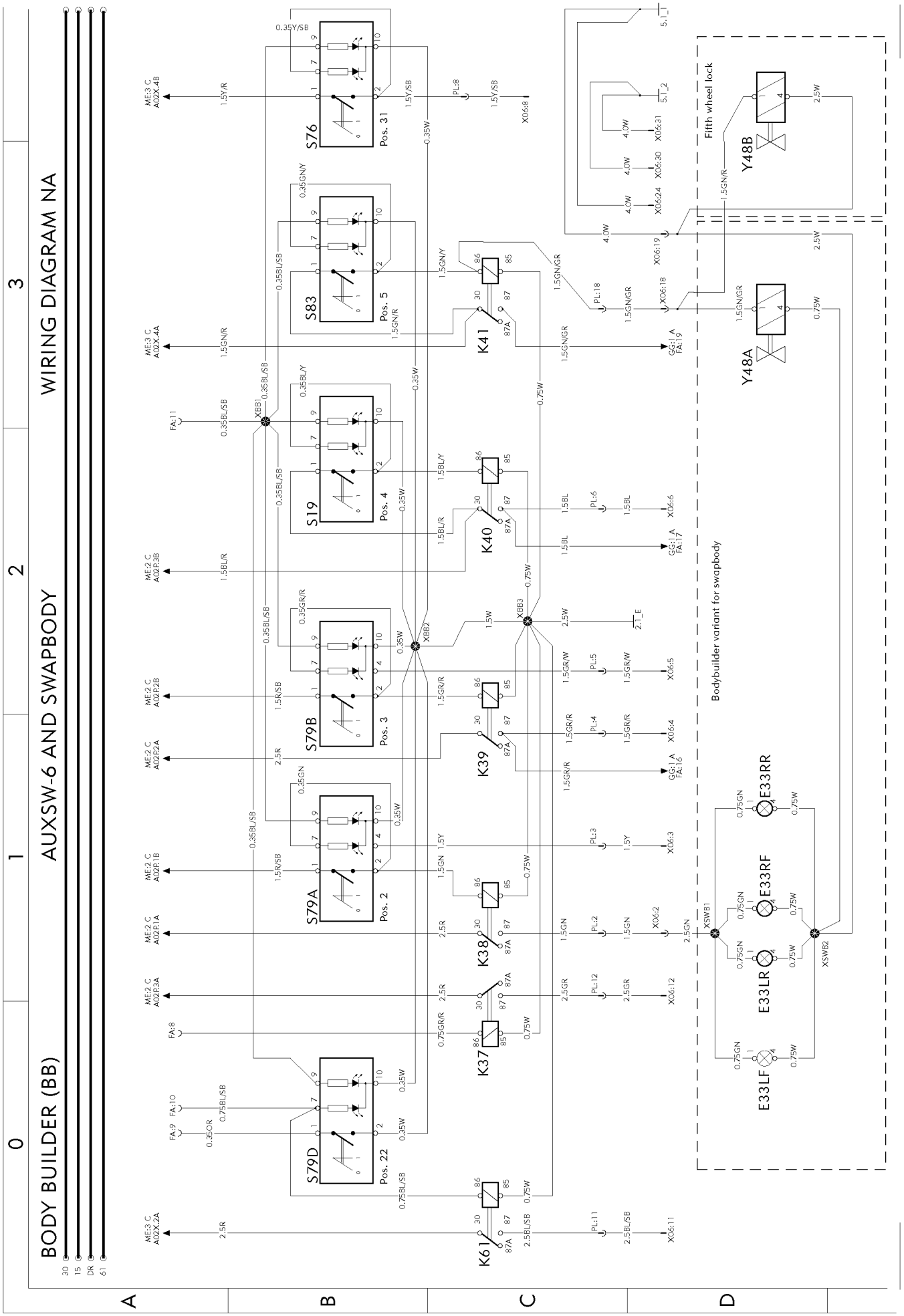
T3017697

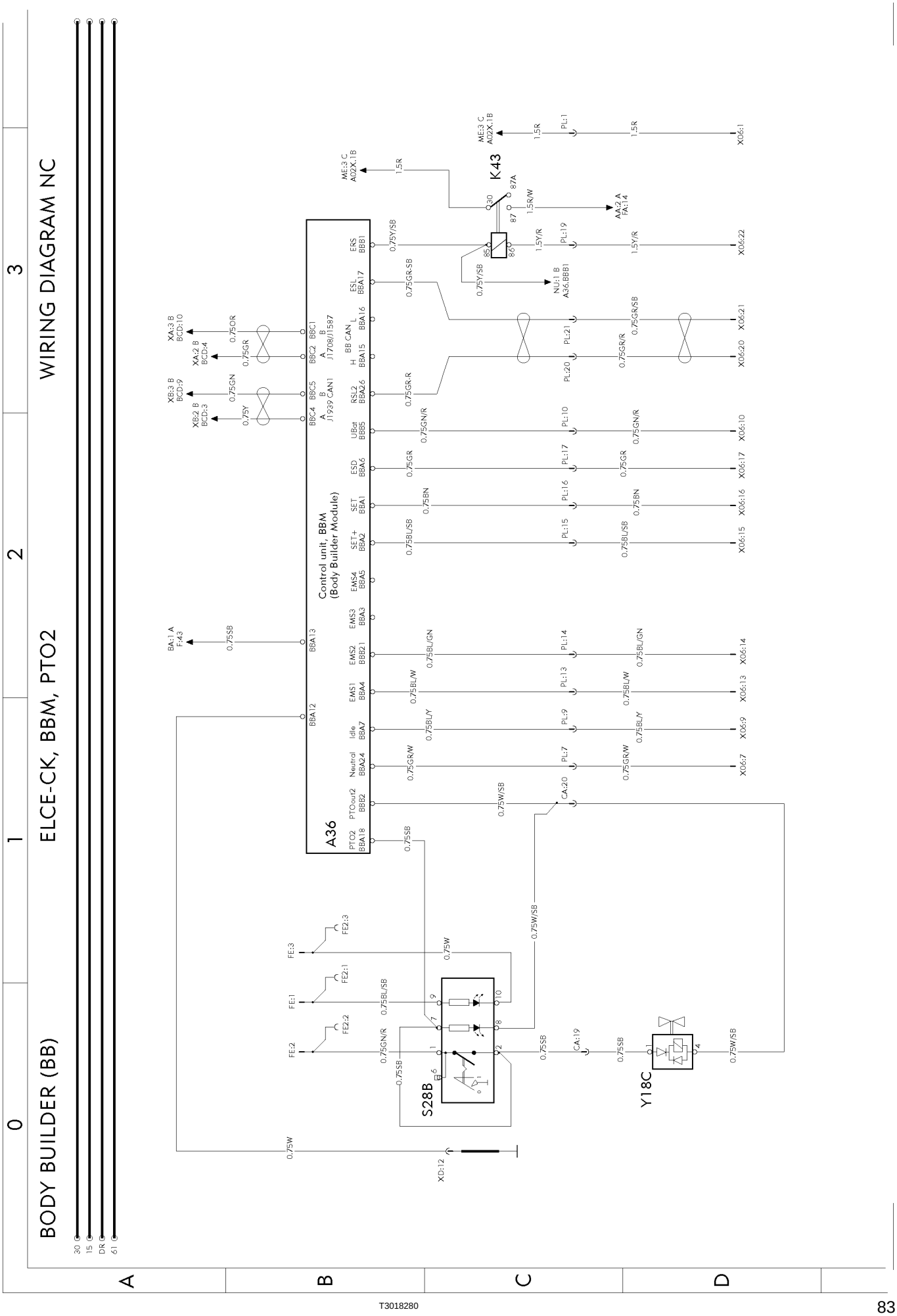

WIRING DIAGRAM KI
LIGHT SIGN
30
15
DR
61
0
1
2
3
A
B
C
D
F53
10A
0.75R
S10
GA:1 C
IDA:1
0.75GR/SB
GB:0 B
XD:M1
0.75BL/SB
FB:1
0.75GR/SB
GC:4 A
S73.10
0.75W
FB:3
1.5W
X4:1_2B
1.5W
4:1_2
0.75GR
CUB:12
CUB2/CUB:12
CUB/TACH:12
K25
30
87
87A
85
86
0.75GR
0.75W
XC:12
CUA:1
0.75GR
FS:1
FS:3
2.5W
4:1_3
FS:2
0.75W
X4:1_2B
L01L
GND
L01R
E22L
E22R
0.75
0.75GR
0.75W
0.75W
FS_2:1
FS_2:2
0.75BL
0.75W
E22
L01
0.75GR
0.75W
0.75 W
0.75 SB
0.75 SB
0.75 W
E22

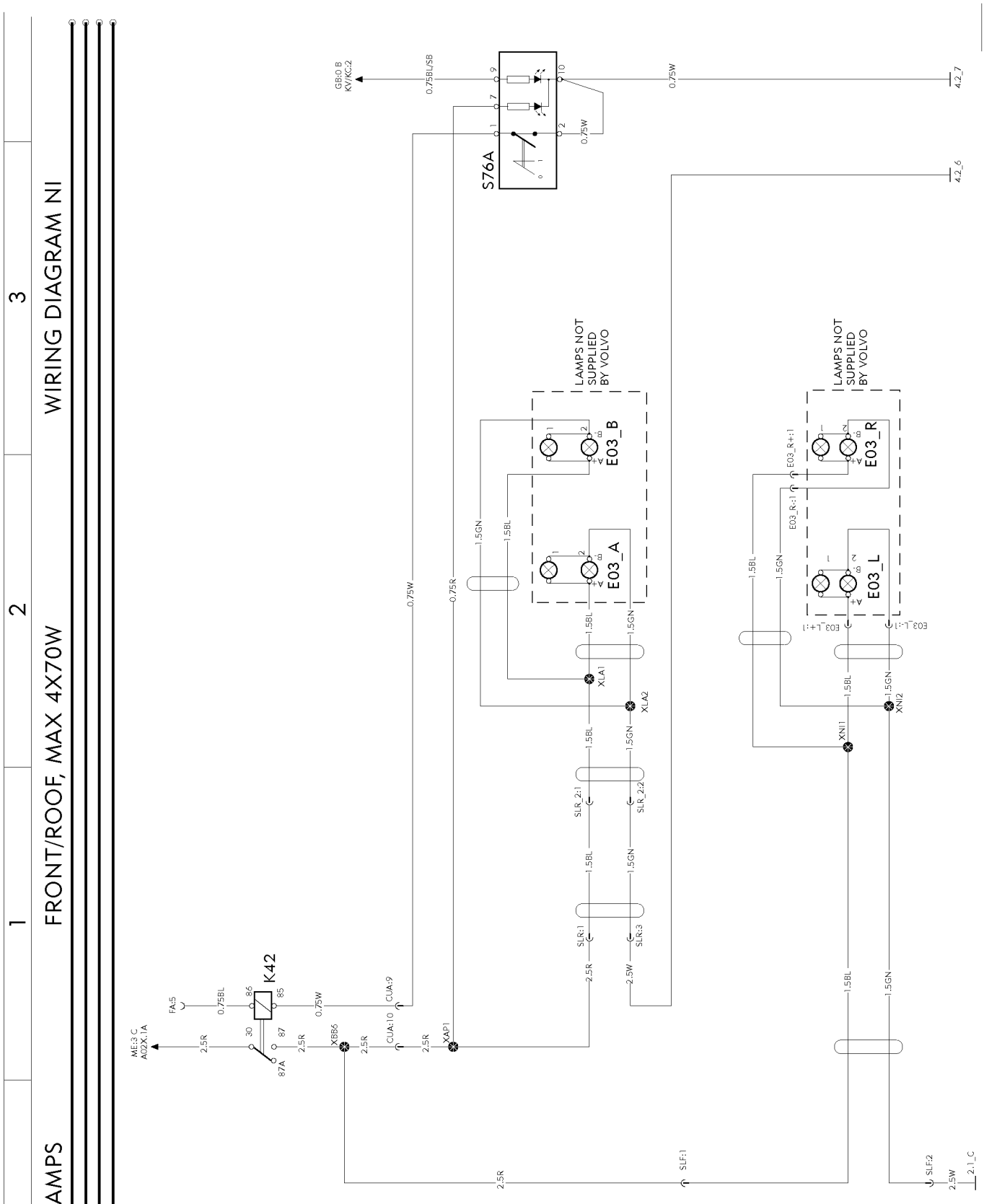

WIRING DIAGRAM KM
BEACON WARNING LIGHT
0
1
2
3
A
B
C
D
30
15
DR
61
F46
15A
S75
K30
87A
E14_BR
E14_AR
E14_A
E14_B
GB2_B
XA:16
IV/IC:18
X1.3C
CUA:8
BL:1
BL:3
X1A4
X1A3
BL_2:1
BL_2:2
4.2_5
0.75BL/SB
0.75R
0.75GN
0.75W
1.5R
1.5BL
1.5GN
2.5W

T3017699

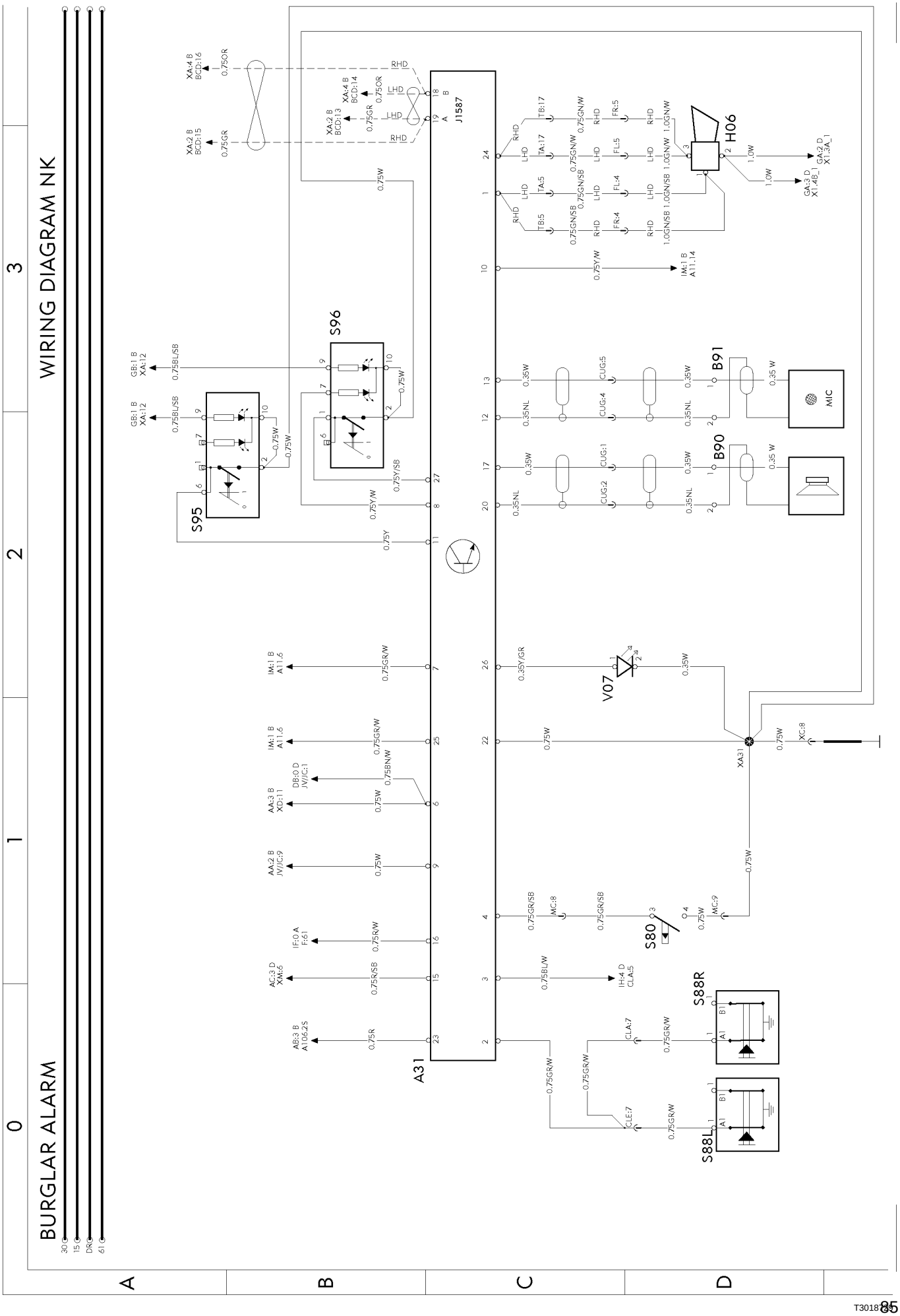

EXTRA FUSE BLOCK
KEY SWITCH RELAY
WIRING DIAGRAM ME
0
1
2
3
A
B
C
D
30
15
DR
61
F62 15A
F29 30A
F56 15A
F71 10A
F26 30A
R11
K04
A02X
A02P
XF:3
XME1
X1.4_A
GB:2 B XA:8
AC:0 C X1.GM11
AC:0 B X10.In2
FE:1
FE:2
FE:3
1.5GN/R
0.75BL/SB
1.5W
4.0R
4.0W
2.1_D
1.5Y/R
4.0GN/R
2.5R
1.5BL/R
1.5R/SB
1.5SB
1.5Y/R
1.5GN/R
HZ:1 B EXT:2
NA:4 B S76.1
NA:3 C K41.30
NA:0 C K61.30
NC:3 C PL:1
NC:3 C K43.30
NH:1 B K42.30
HZ:1 B EXT:1
NA:2 C K40.30
NA:1 C K37.30
NA:2 B S79B.1
NA:1 C K39.30
NA:1 B S79A.1
NA:1 C K38.30

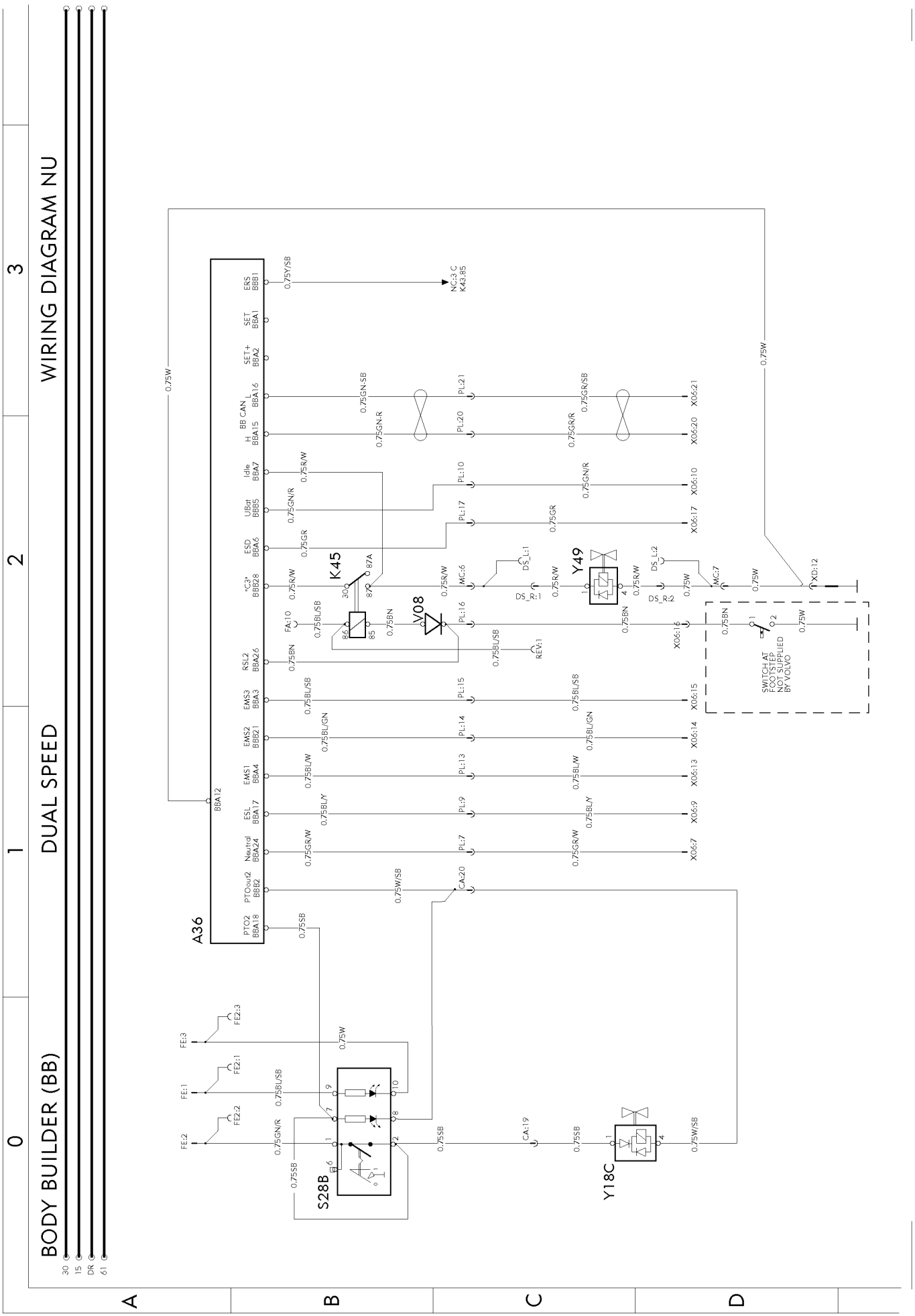

BODY BUILDER (BB)
AUXSW-6 AND SWAPBODY
WIRING DIAGRAM NA
Bodybuilder variant for swapbody
Fifth wheel lock
S76
S83
S19
S79B
S79A
S79D
K41
K40
K39
K38
K37
K61
Y48B
Y48A
E33RR
E33RF
E33LR
E33LF
XSWB1
XSWB2

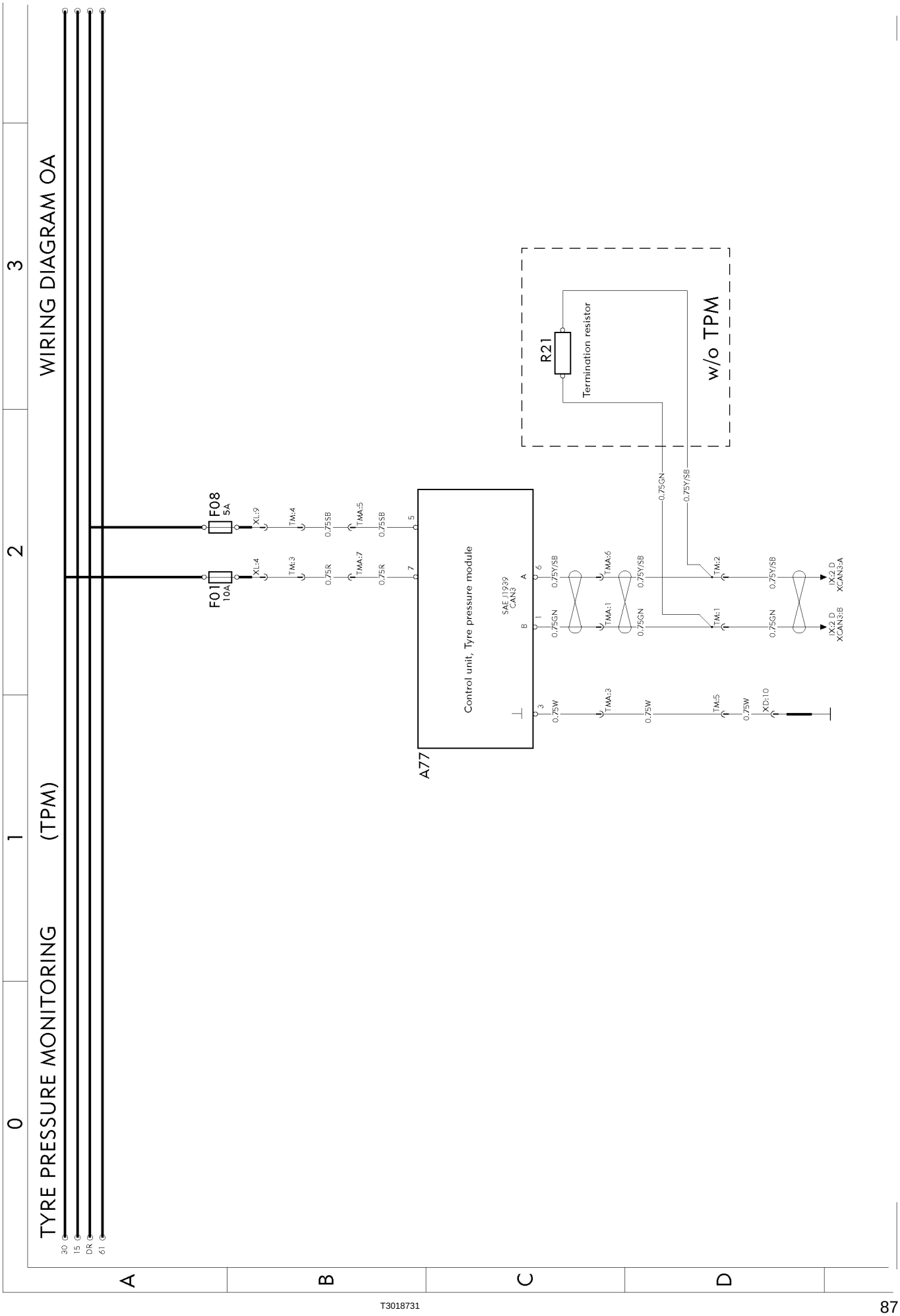

BODY BUILDER (BB)
ELCE-CK, BBM, PTO2
WIRING DIAGRAM NC
30
15
DR
61
A36
Control unit, BBM
(Body Builder Module)
K43
S28B
Y18C
T3018280

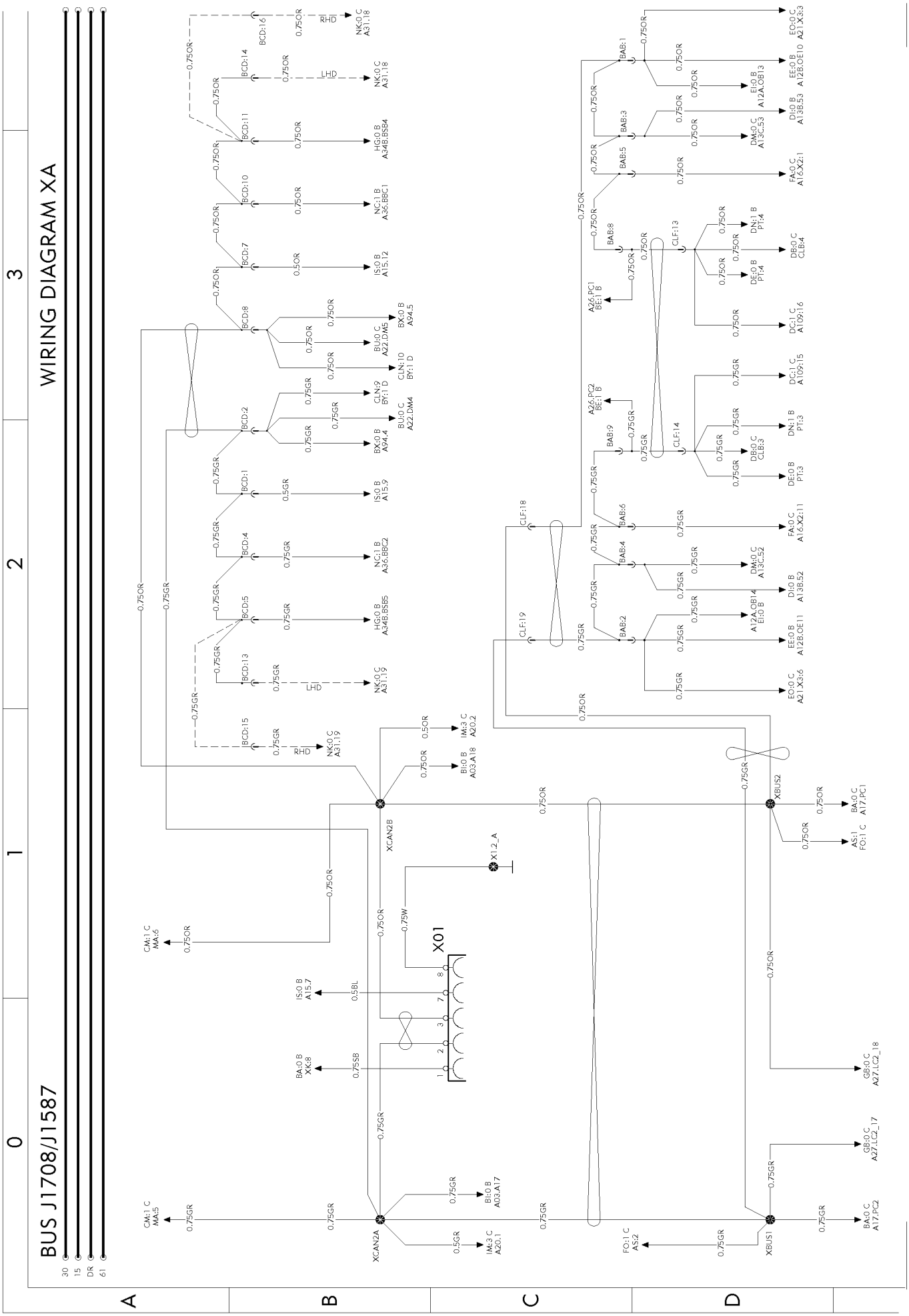

EXTRA SPOTLAMPS
FRONT/ROOF, MAX 4X70W
WIRING DIAGRAM NI
0
1
2
3
A
B
C
D
30
15
DR
61
S76A
K42
E03_A
E03_B
E03_L
E03_R
LAMPS NOT SUPPLIED BY VOLVO
XLA1
XLA2
XNI1
XNI2
XAP1
XB86
FA5
SLR:1
SLR:2
SLR:3
SLF:1
SLF:2
0.75BL/SB
0.75W
0.75R
1.5GN
1.5BL
2.5R
2.5W

T3017703

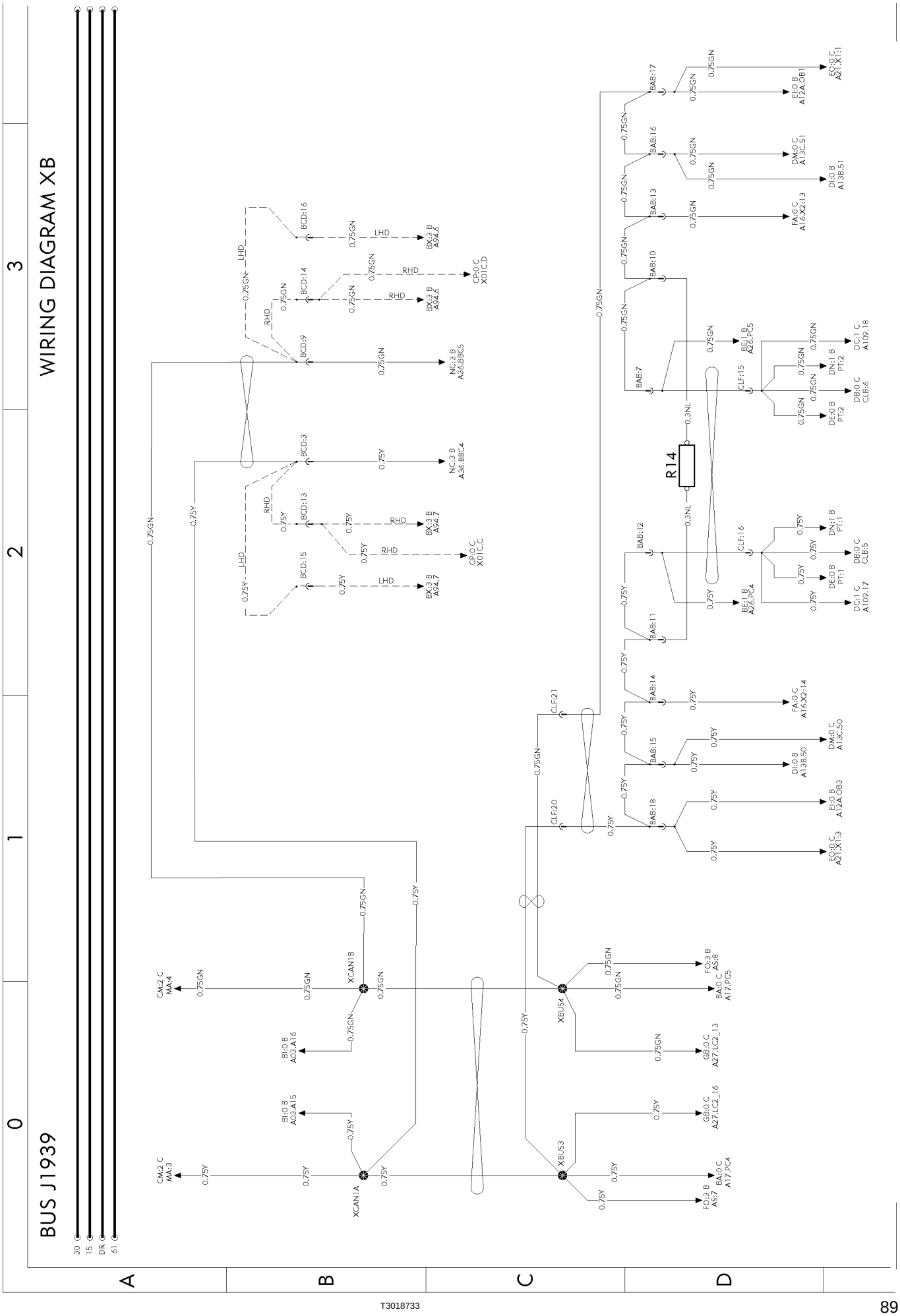

WIRING DIAGRAM NK
BURGLAR ALARM
A31
J1587
S95
S96
S80
S88R
S88L
B91
B90
H06
V07
MIC
RHD
LHD


WIRING DIAGRAM NU
DUAL SPEED
BODY BUILDER (BB)
A36
K45
Y49
V08
S28B
Y18C
SWITCH AT FOOTSTEP NOT SUPPLIED BY VOLVO


TYRE PRESSURE MONITORING (TPM)
WIRING DIAGRAM OA
0
1
2
3
A
B
C
D
30
15
DR
61
F01
10A
F08
5A
XL:4
XL:9
TM:3
TM:4
TMA:7
TMA:5
0.75R
0.75SB
7
5
A77
Control unit, Tyre pressure module
SAE J1939
CAN3
B
A
1
6
3
0.75GN
0.75Y/SB
0.75W
TMA:1
TMA:6
TMA:3
TM:1
TM:2
TM:5
XD:10
IX:2 D
XCAN3:B
IX:2 D
XCAN3:A
R21
Termination resistor
w/o TPM


WIRING DIAGRAM XA
BUS J1708/J1587
0
1
2
3
A
B
C
D
30
15
DR
61
XCAN2A
XCAN2B
XBUS1
XBUS2
X01
X12_A
0.75GR
0.75OR
0.75W
0.75SB
0.5BL
0.5GR
0.5OR
0.75GY
RHD
LHD
BCD:1
BCD:2
BCD:4
BCD:5
BCD:7
BCD:8
BCD:10
BCD:11
BCD:13
BCD:14
BCD:15
BCD:16
BAB:1
BAB:2
BAB:3
BAB:4
BAB:5
BAB:6
BAB:8
BAB:9
CLF:10
CLF:11
CLF:13
CLF:14
CLF:18
CLF:19
CM:1 C MA:5
IS:0 B A15.7
BA:0 B XK:8
BI:0 B A03.A17
IM:3 C A20.1
BI:0 B A03.A18
IM:3 C A20.2
GB:0 C A27.LC2_17
GB:0 C A27.LC2_18
BA:0 C A17.PC2
BA:0 C A17.PC1
AS:1
FO:1 C AS:2
NK:0 C A31.19
NK:0 C A31.18
IS:0 B A15.9
IS:0 B A15.12
NC:1 B A36.BBC2
NC:1 B A36.BBC1
HG:0 B A34B.BSB5
HG:0 B A34B.BSB4
BU:0 C A22.DM4
BU:0 C A22.DM5
BX:0 B A94.4
BX:0 B A94.5
CLN:9 BY:1 D
CLN:10 BY:1 D
A26.PC1 BE:1 B
A26.PC2 BE:1 B
DB:0 C CLB:3
DB:0 C CLB:4
DE:0 B PT:3
DE:0 B PT:4
DN:1 B PT:3
DN:1 B PT:4
DC:1 C A109:15
DC:1 C A109:16
FA:0 C A16.X2:11
FA:0 C A16.X2:1
DM:0 C A13C.52
DM:0 C A13C.53
DI:0 B A138.52
DI:0 B A138.53
A12A.OB14 EI:0 B
EI:0 B A12A.OB13
FE:0 B A12B.OE11
FE:0 B A12B.OE10
FO:0 C A21.X3:6
EO:0 C A21.X3:3

T3018732


WIRING DIAGRAM XB
BUS J1939
30
15
DR
61
0
1
2
3
A
B
C
D
XCAN1A
XCAN1B
XBUS3
XBUS4
R14
CLF:20
CLF:21
CLF:15
CLF:16
0.75GN
0.75Y
0.3NL
LHD
RHD
BCD:16
BCD:14
BCD:9
BCD:3
BCD:13
BCD:15
BAB:17
BAB:16
BAB:13
BAB:10
BAB:7
BAB:12
BAB:11
BAB:14
BAB:15
BAB:18
CM:2 C MA:4
CM:2 C MA:3
BI:0 B A03.A16
BI:0 B A03.A15
GB:0 C A27.LC2_16
GB:0 C A27.LC2_13
FO:3 B AS:7
BA:0 C A17.PC4
FO:3 B AS:8
BA:0 C A17.PC5
NC:3 B A36.BBC5
NC:3 B A36.BBC4
BX:3 B A94.6
BX:3 B A94.7
CP:0 C X01C.D
CP:0 C X01C.C
EI:0 B A12A.OB1
EO:0 C A21.X1:1
DM:0 C A13C.51
DI:0 B A13B.51
FA:0 C A16.X2:13
BE:1 B A26.PC5
DN:1 B PT:2
DB:0 C CLB:6
DG:1 C A109.18
DE:0 B PT:2
BE:1 B A26.PC4
DN:1 B PT:1
DB:0 C CLB:5
DG:1 C A109.17
DE:0 B PT:1
FA:0 C A16.X2:14
DM:0 C A13C.50
DI:0 B A13B.50
EI:0 B A12A.OB3
EO:0 C A21.X1:3

Illustrations index

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1476	Wiring harness, cab-engine	page 124
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1502	Wiring harness, lower front left	page 164
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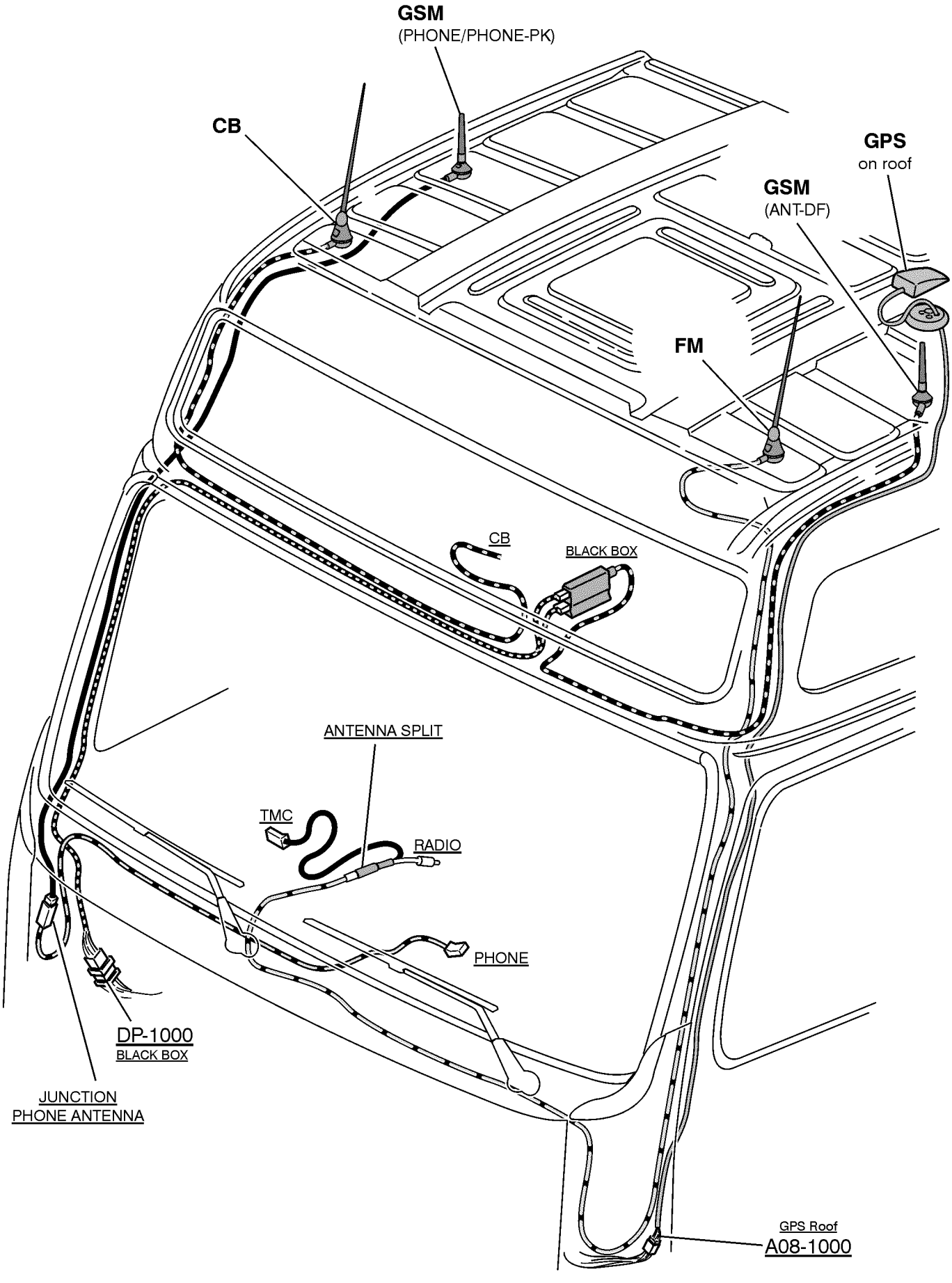
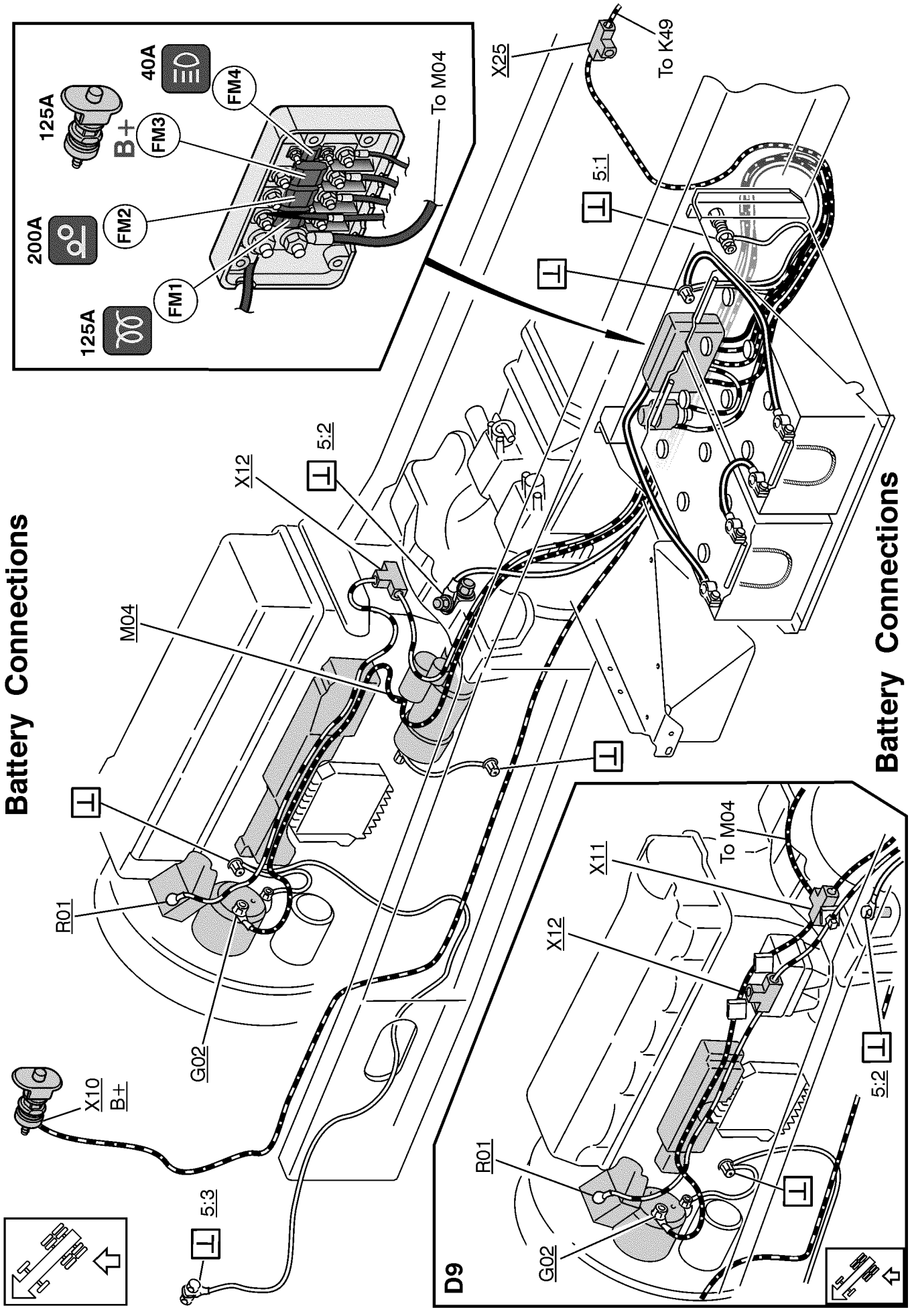
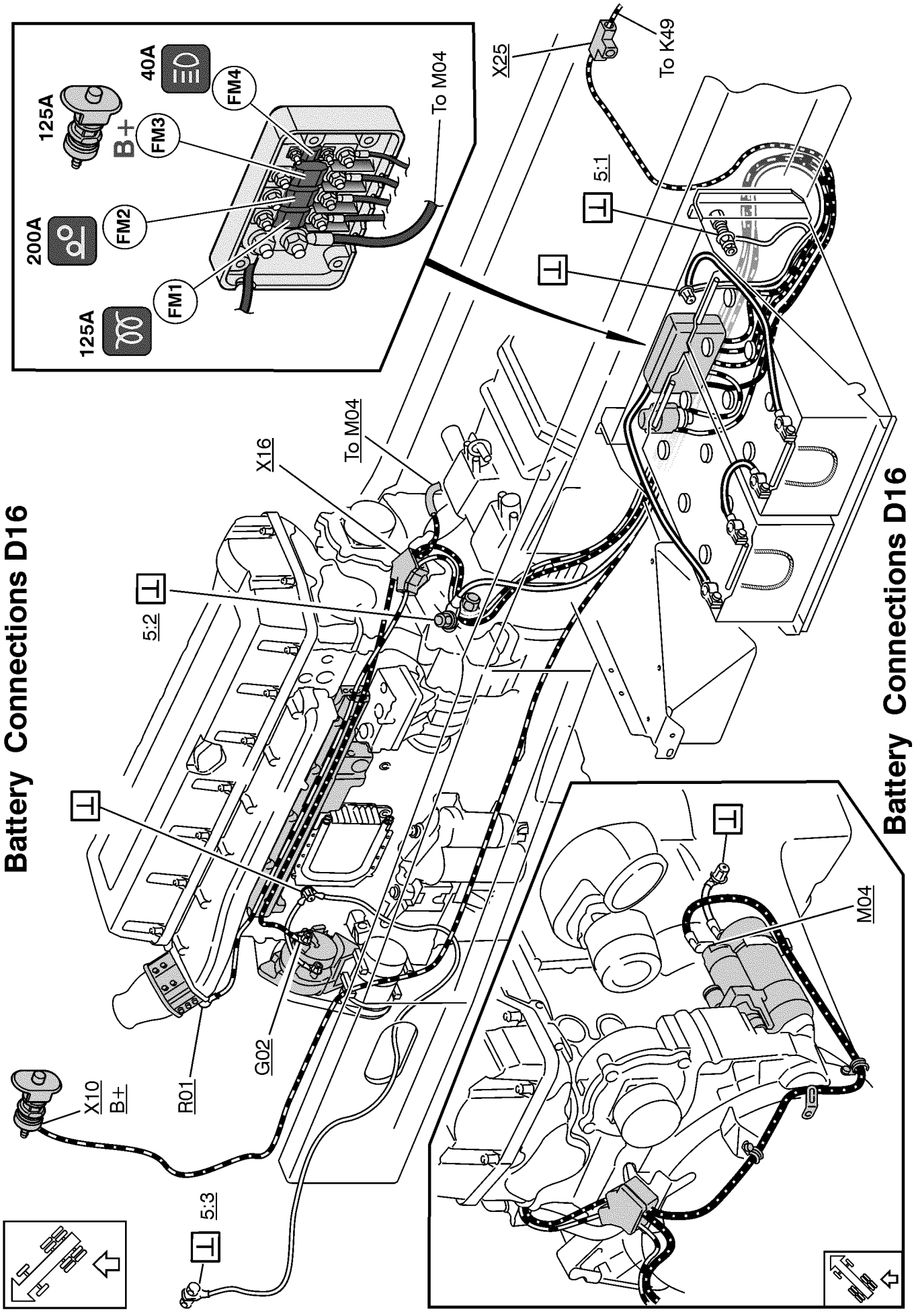
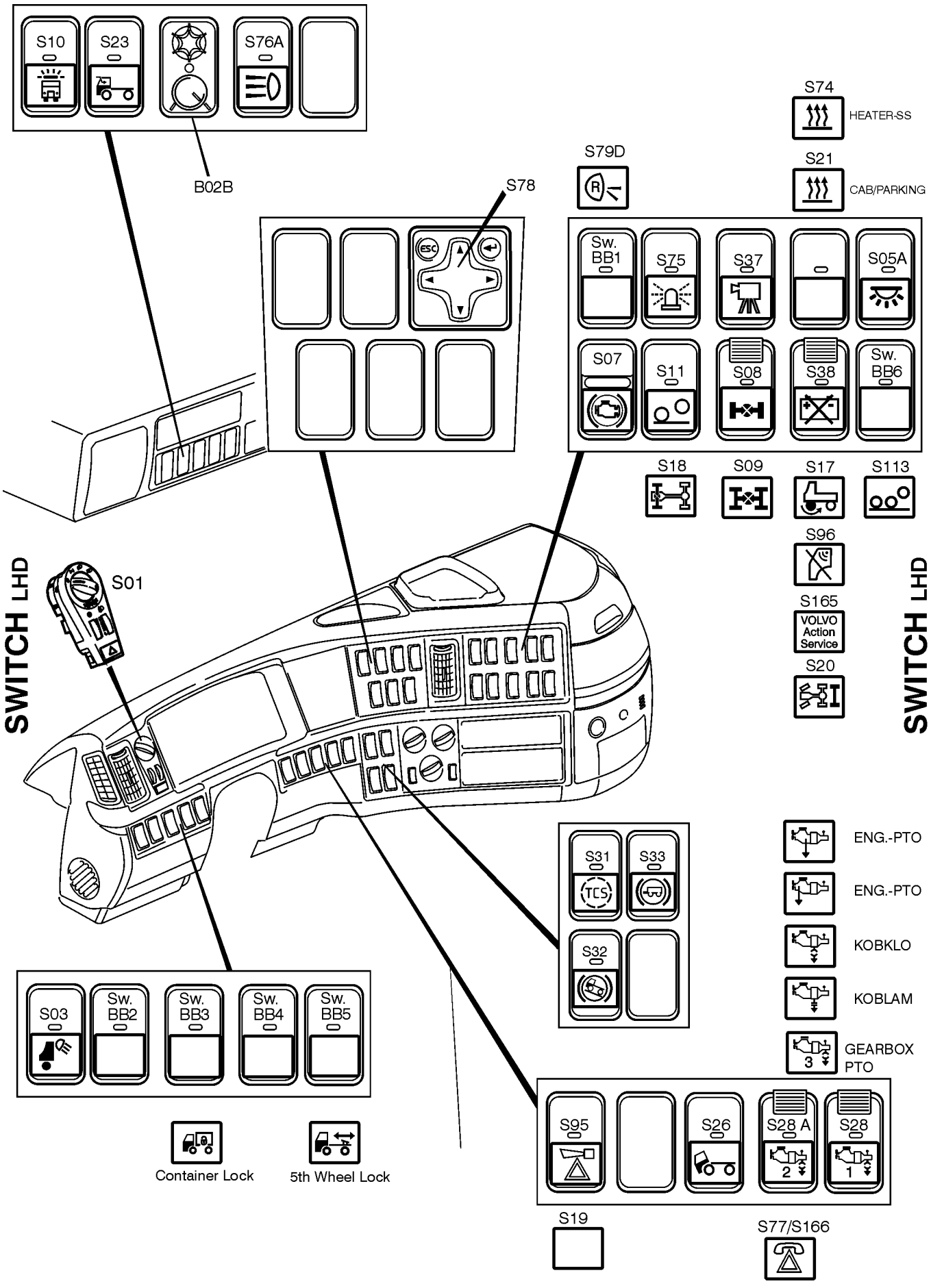
Illustrations

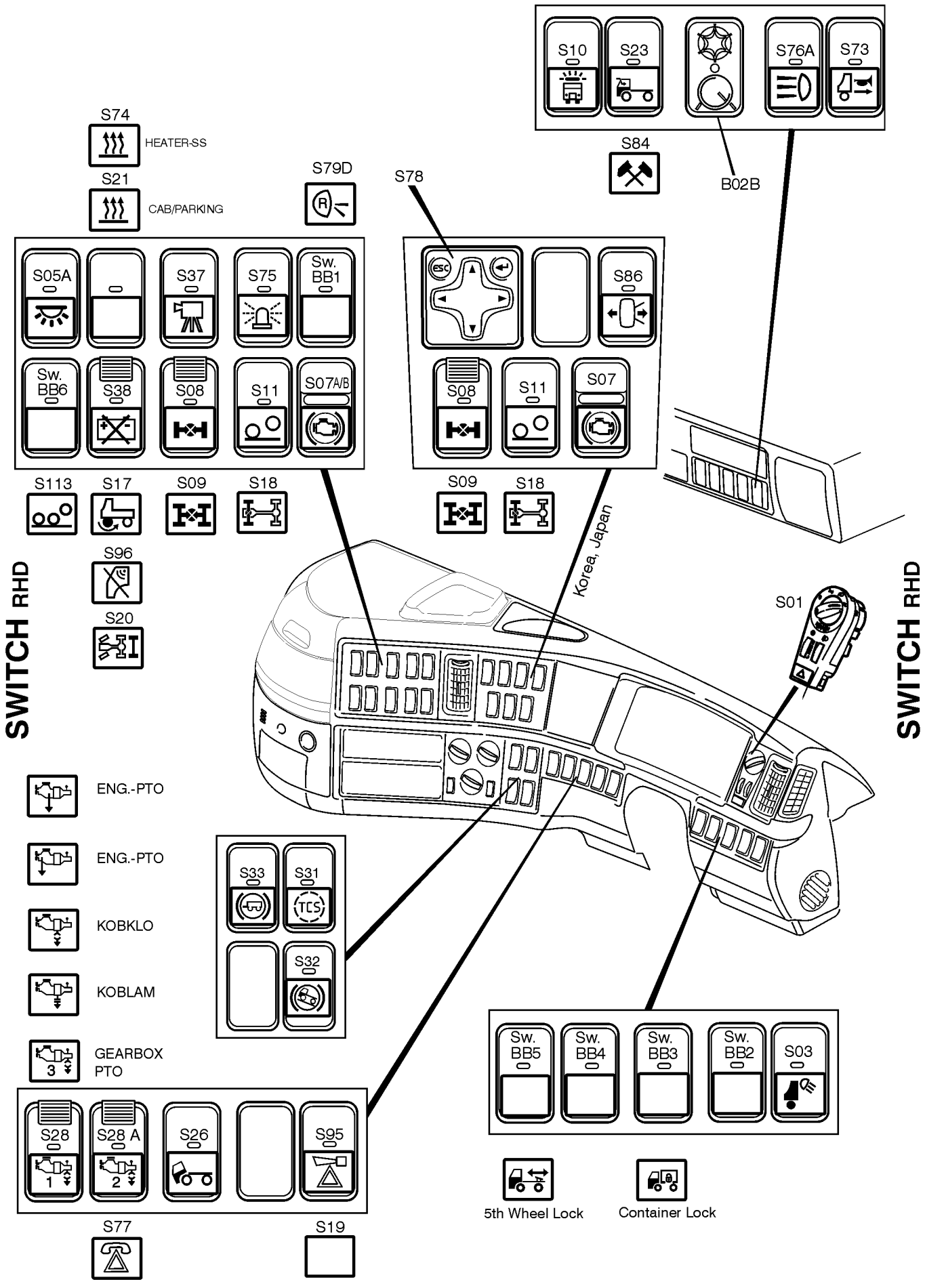



Battery Connections
125A
B+
FM3
40A
FM4
200A
FM2
125A
FM1
To M04
X25
To K49
5:1
X12
5:2
M04
R01
G02
X10
B+
5:3
D9
X11
To M04
X12
R01
G02
5:2
Battery Connections
T3017762

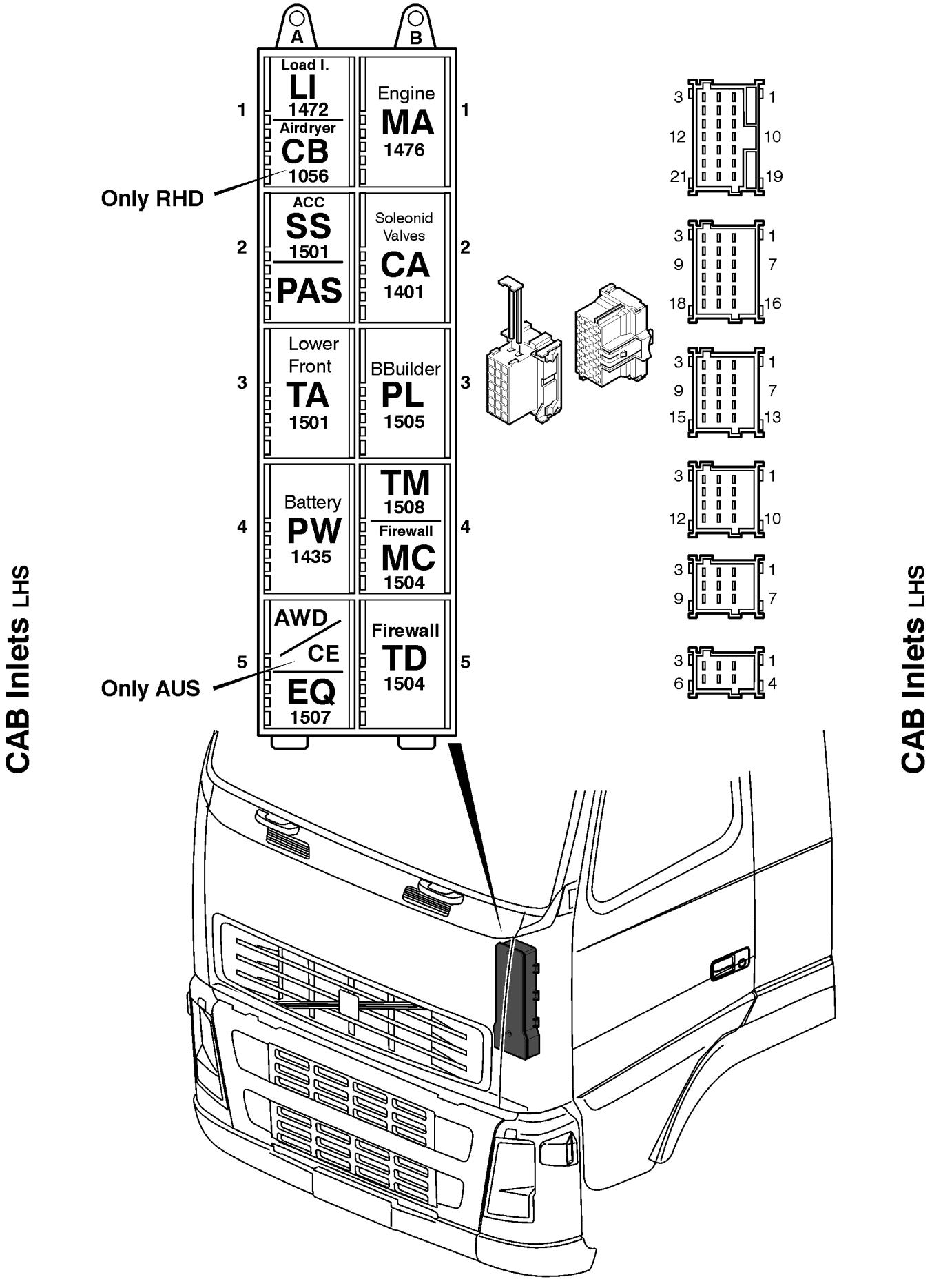

Battery Connections D16
125A
B+
FM3
40A
FM4
200A
FM2
125A
FM1
To M04
X25
To K49
5:1
X16
To M04
5:2
X10
B+
R01
G02
5:3
M04
Battery Connections D16


S10
S23
S76A
B02B
S78
S79D
S74
HEATER-SS
S21
CAB/PARKING
Sw. BB1
S75
S37
S05A
S07
S11
S08
S38
Sw. BB6
S18
S09
S17
S113
S96
S165
VOLVO Action Service
S20
SWITCH LHD
S01
SWITCH LHD
S31
S33
TCS
S32
ENG.-PTO
ENG.-PTO
KOBKLO
KOBLAM
GEARBOX PTO
S03
Sw. BB2
Sw. BB3
Sw. BB4
Sw. BB5
Container Lock
5th Wheel Lock
S95
S26
S28 A
S28
S19
S77/S166

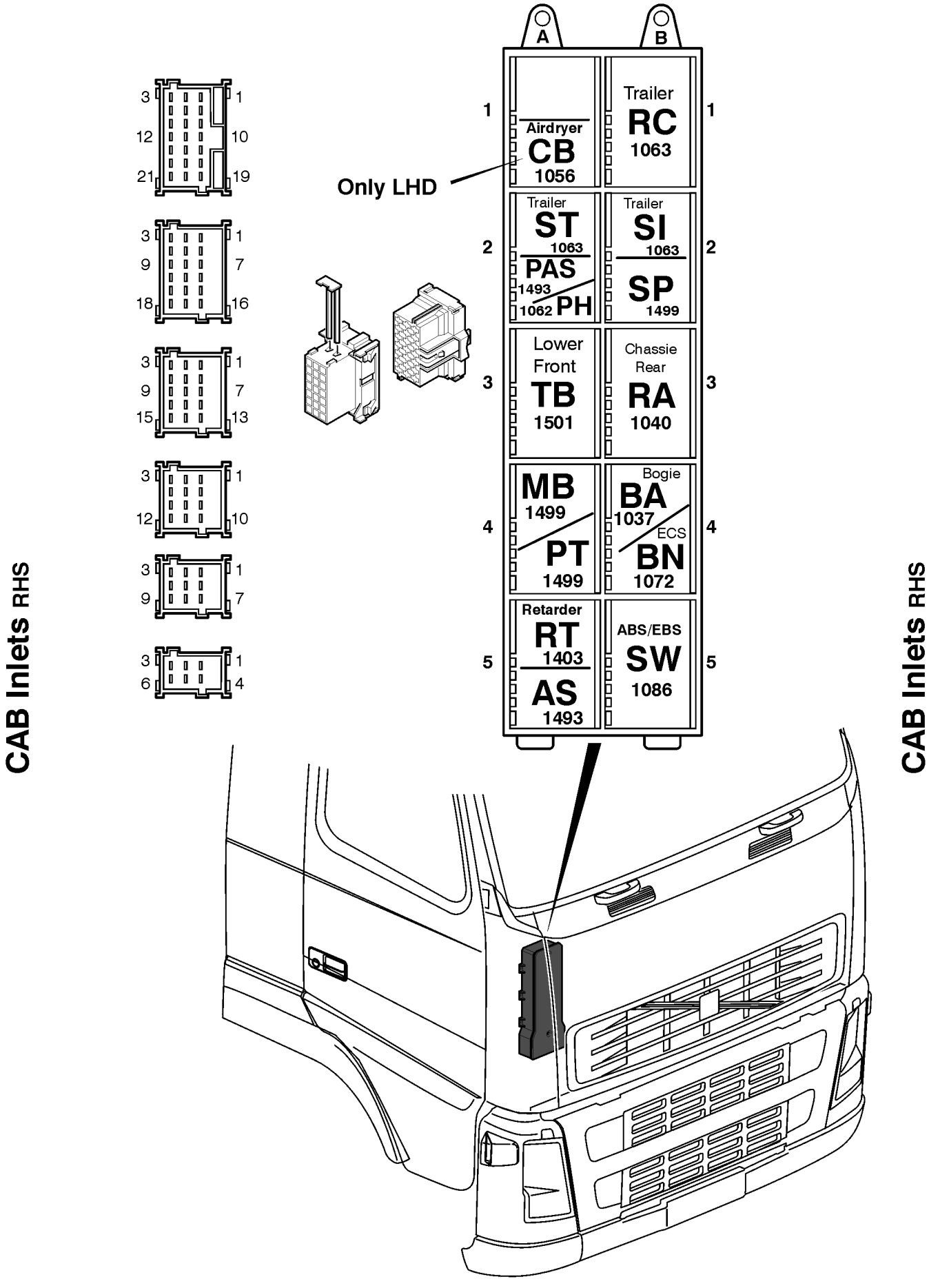
T3018734

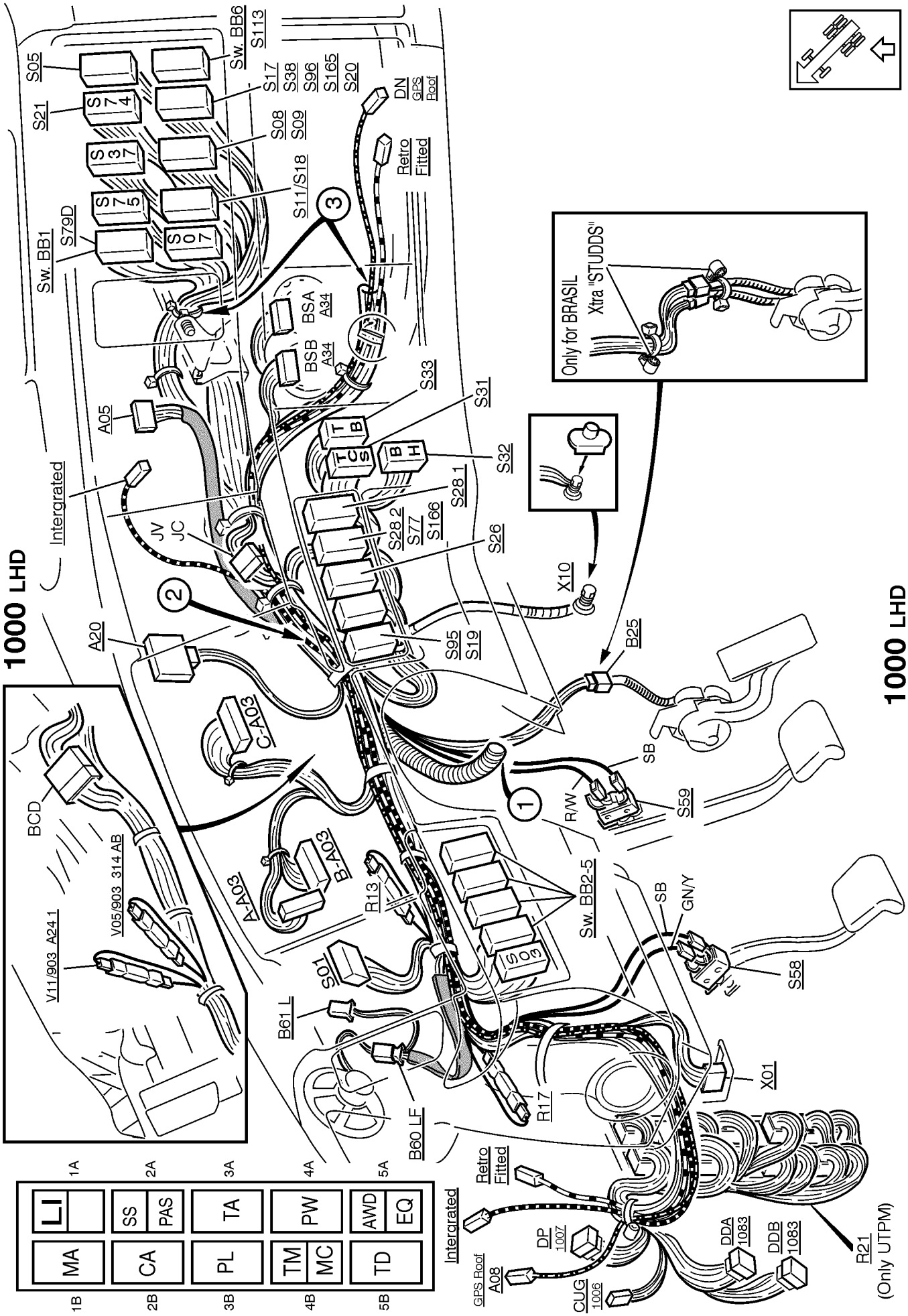

S10
S23
S76A
S73
S84
B02B
S74
HEATER-SS
S21
CAB/PARKING
S79D
S78
S05A
S37
S75
Sw. BB1
S86
Sw. BB6
S38
S08
S11
S07A/B
S07
S113
S17
S09
S18
S96
S20
SWITCH RHD
Korea, Japan
S01
ENG.-PTO
ENG.-PTO
KOBKLO
KOBLAM
GEARBOX PTO
S33
S31
S32
Sw. BB5
Sw. BB4
Sw. BB3
Sw. BB2
S03
S28
S28 A
S26
S95
5th Wheel Lock
Container Lock
S77
S19

T3018735

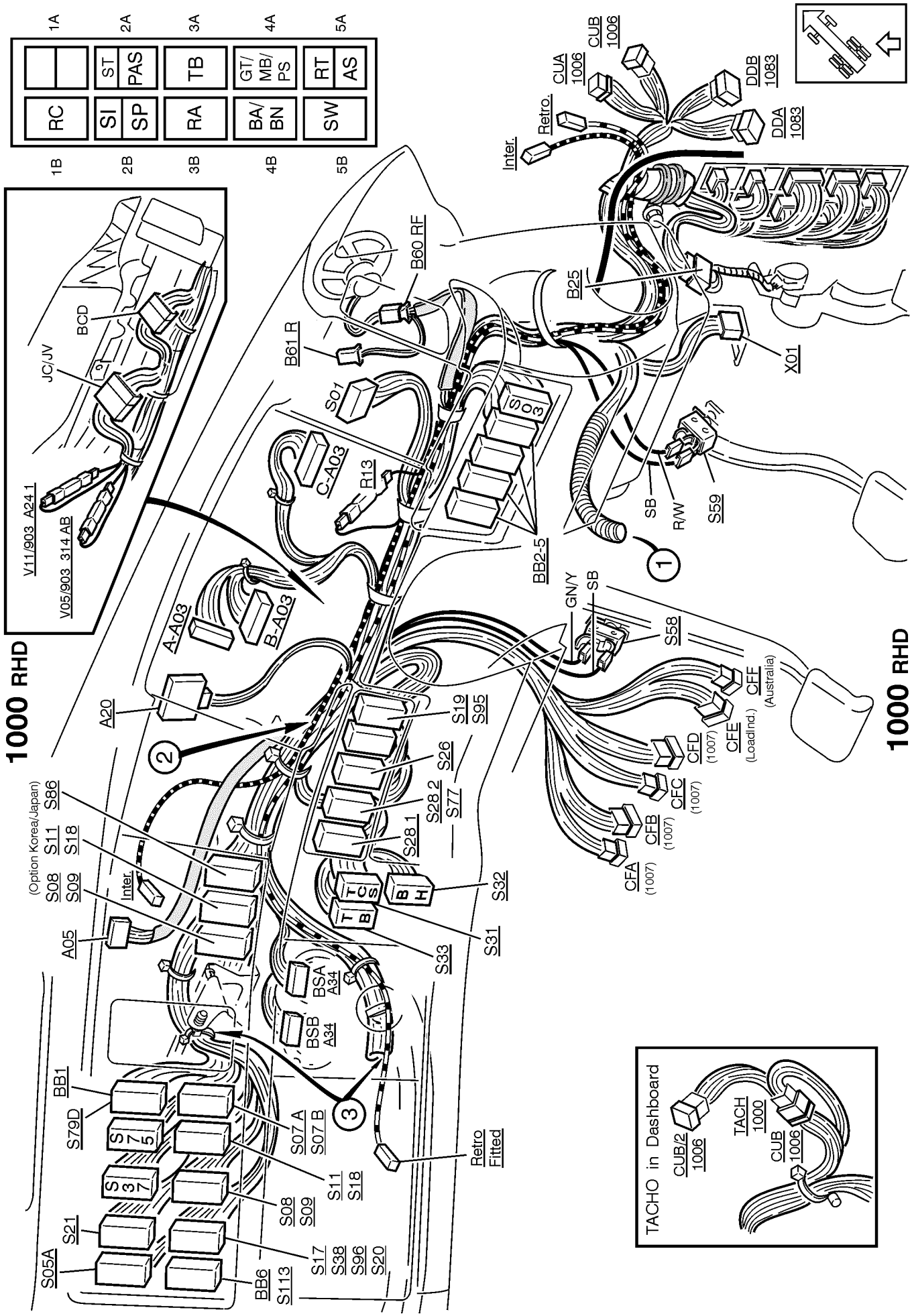

A
B
Load I.
LI
1472
Airdryer
CB
1056
Engine
MA
1476
ACC
SS
1501
PAS
Soleonid
Valves
CA
1401
Lower
Front
TA
1501
BBuilder
PL
1505
Battery
PW
1435
TM
1508
Firewall
MC
1504
AWD
CE
EQ
1507
Firewall
TD
1504
1
2
3
4
5
Only RHD
Only AUS
3 1 12 10 21 19
3 1 9 7 18 16
3 1 9 7 15 13
3 1 12 10
3 1 9 7
3 1 6 4
CAB Inlets LHS
CAB Inlets LHS

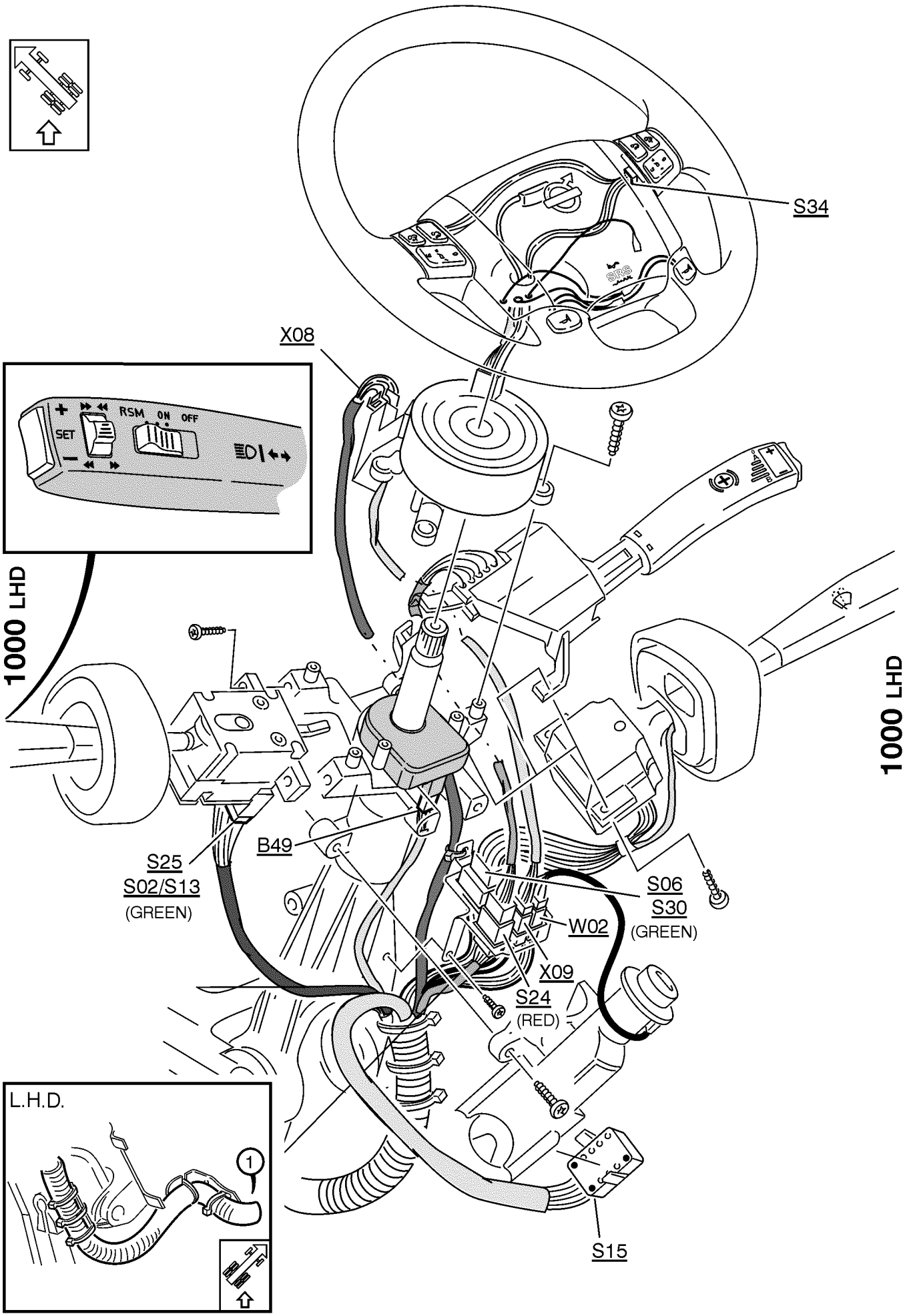
T3018314


CAB Inlets RHS
CAB Inlets RHS
A
B
1
2
3
4
5
Only LHD
Airdryer
CB
1056
Trailer
RC
1063
Trailer
ST
1063
PAS
1493
1062 PH
Trailer
SI
1063
SP
1499
Lower
Front
TB
1501
Chassie
Rear
RA
1040
MB
1499
PT
1499
Bogie
BA
1037
ECS
BN
1072
Retarder
RT
1403
AS
1493
ABS/EBS
SW
1086
3 1
12 10
21 19
3 1
9 7
18 16
3 1
9 7
15 13
3 1
12 10
3 1
9 7
3 1
6 4

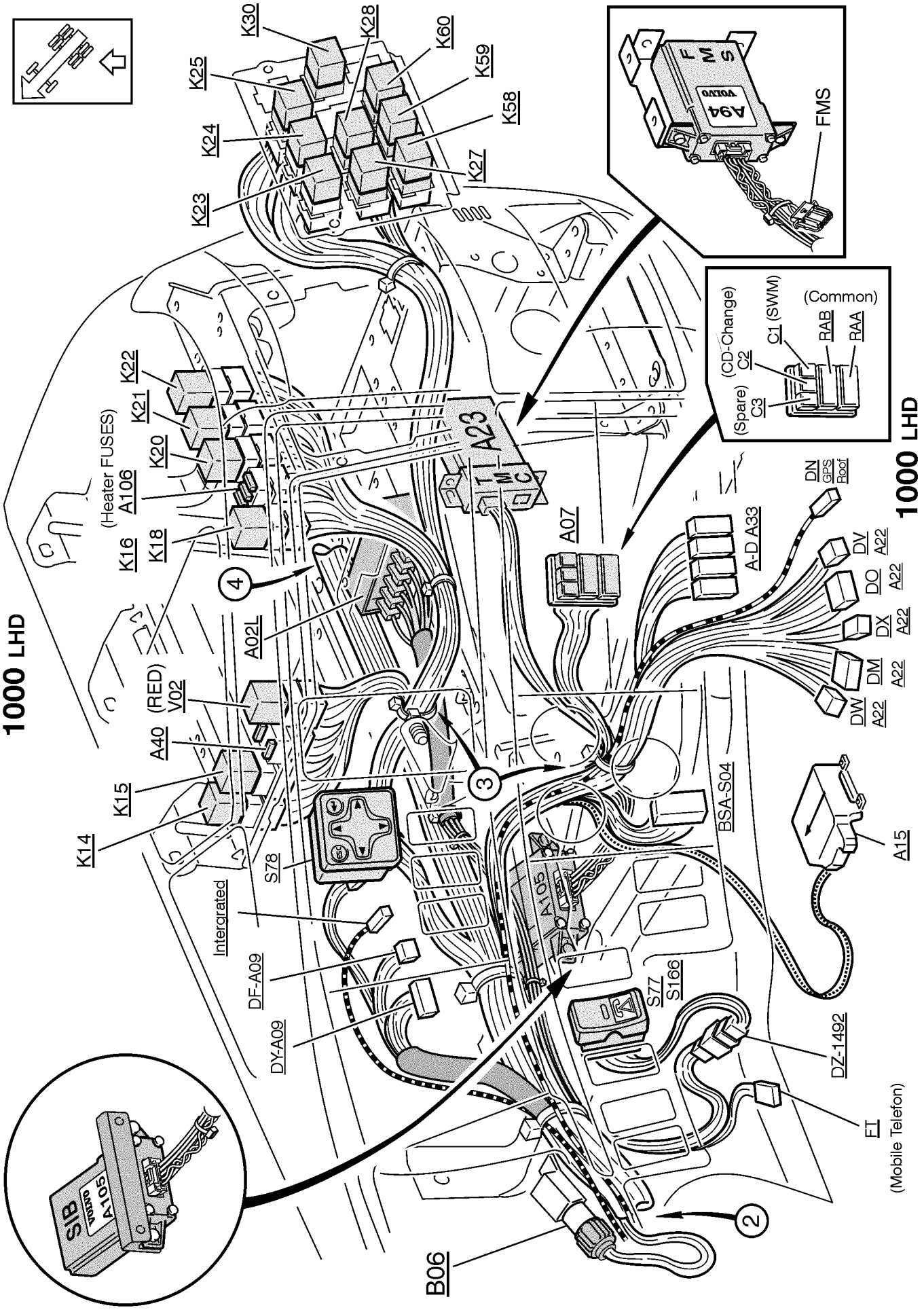

1000 LHD
1000 LHD
Only for BRASIL
Xtra "STUDDS"
Sw. BB1
S79D
Sw. BB6
S113
S05
S21
S17
S38
S96
S165
S20
S08
S09
S11/S18
DN GPS Roof
Retro Fitted
BSA A34
BSB A34
A05
Intergrated
S33
S31
S32
S28 1
S28 2
S77
S166
S26
JV
JC
A20
S95
S19
X10
B25
C-A03
A-A03
B-A03
R13
S01
B61 L
B60 LF
R17
Sw. BB2-5
S03
S59
S58
X01
R/W
SB
GN/Y
BCD
V11/903 A24 1
V05/903 314 AB
MA
LI
CA
SS
PAS
PL
TA
TM
MC
PW
TD
AWD
EQ
1A
2A
3A
4A
5A
1B
2B
3B
4B
5B
Intergrated
Retro Fitted
GPS Roof A08
DP 1007
CUG 1006
DDA 1083
DDB 1083
R21 (Only UTPM)

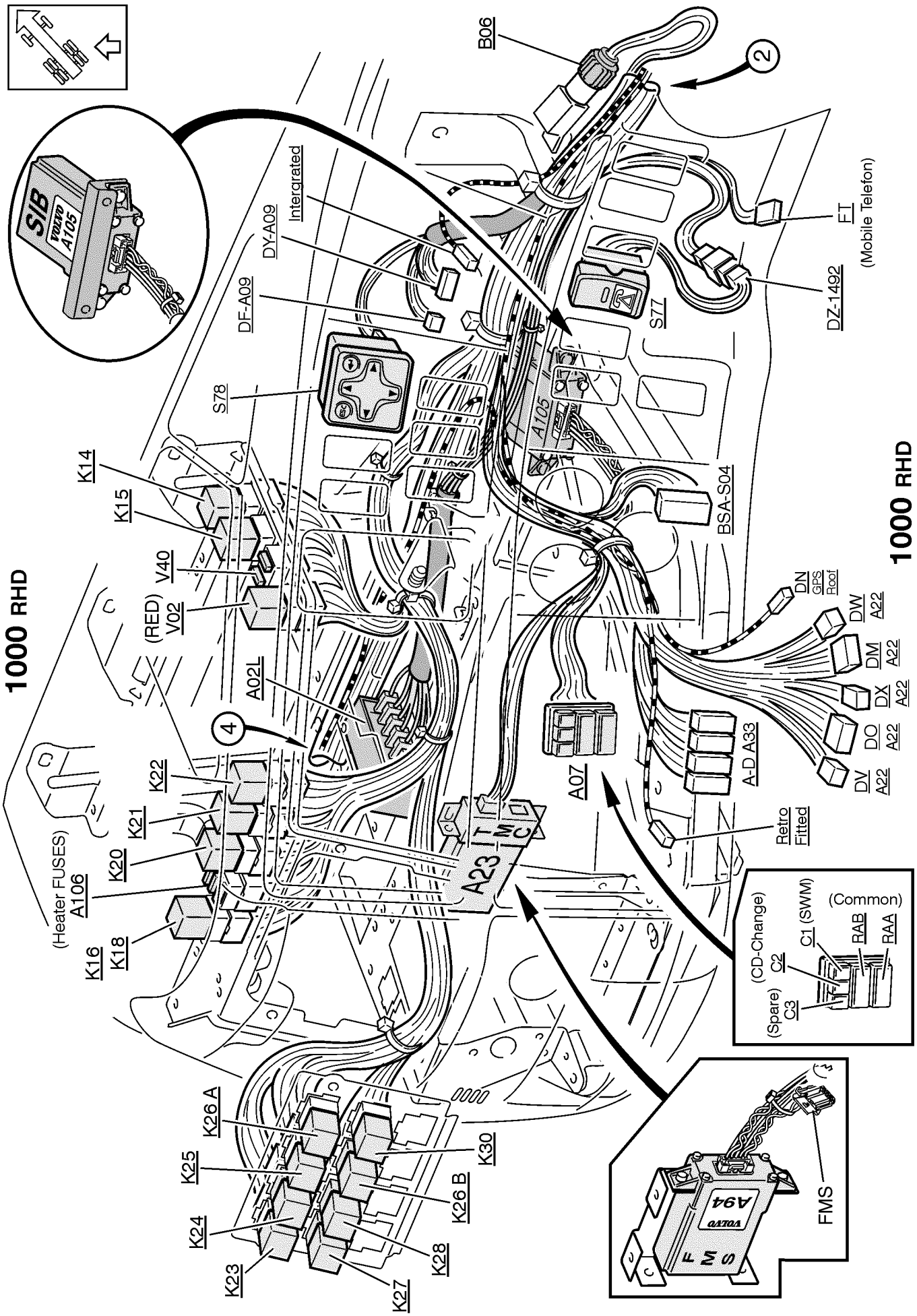
T3018736


1000 RHD
1000 RHD
1A
2A
3A
4A
5A
1B
2B
3B
4B
5B
RC
SI
SP
ST
PAS
RA
TB
BA/
BN
GT/
MB/
PS
SW
RT
AS
V11/903 A24 1
V05/903 314 AB
JC/JV
BCD
B60 RF
B61 R
B25
X01
S01
S03
C-A03
R13
A-A03
B-A03
BB2-5
A20
S19
S95
S26
S77
S28 2
S28 1
S32
S31
S33
A05
S08
S09
S11
S18
S86
(Option Korea/Japan)
Inter.
BSA
A34
BSB
A34
BB1
S79D
S07 A
S07 B
S21
S05A
S17
S38
S96
S20
BB6
S113
Retro
Fitted
Inter.
Retro.
CUA
1006
CUB
1006
DDB
1083
DDA
1083
SB
R/W
S59
GN/Y
SB
S58
CFA
(1007)
CFB
(1007)
CFC
(1007)
CFD
(1007)
CFE
(LoadInd.)
CFF
(Australia)
TACHO in Dashboard
CUB/2
1006
TACH
1000
CUB
1006

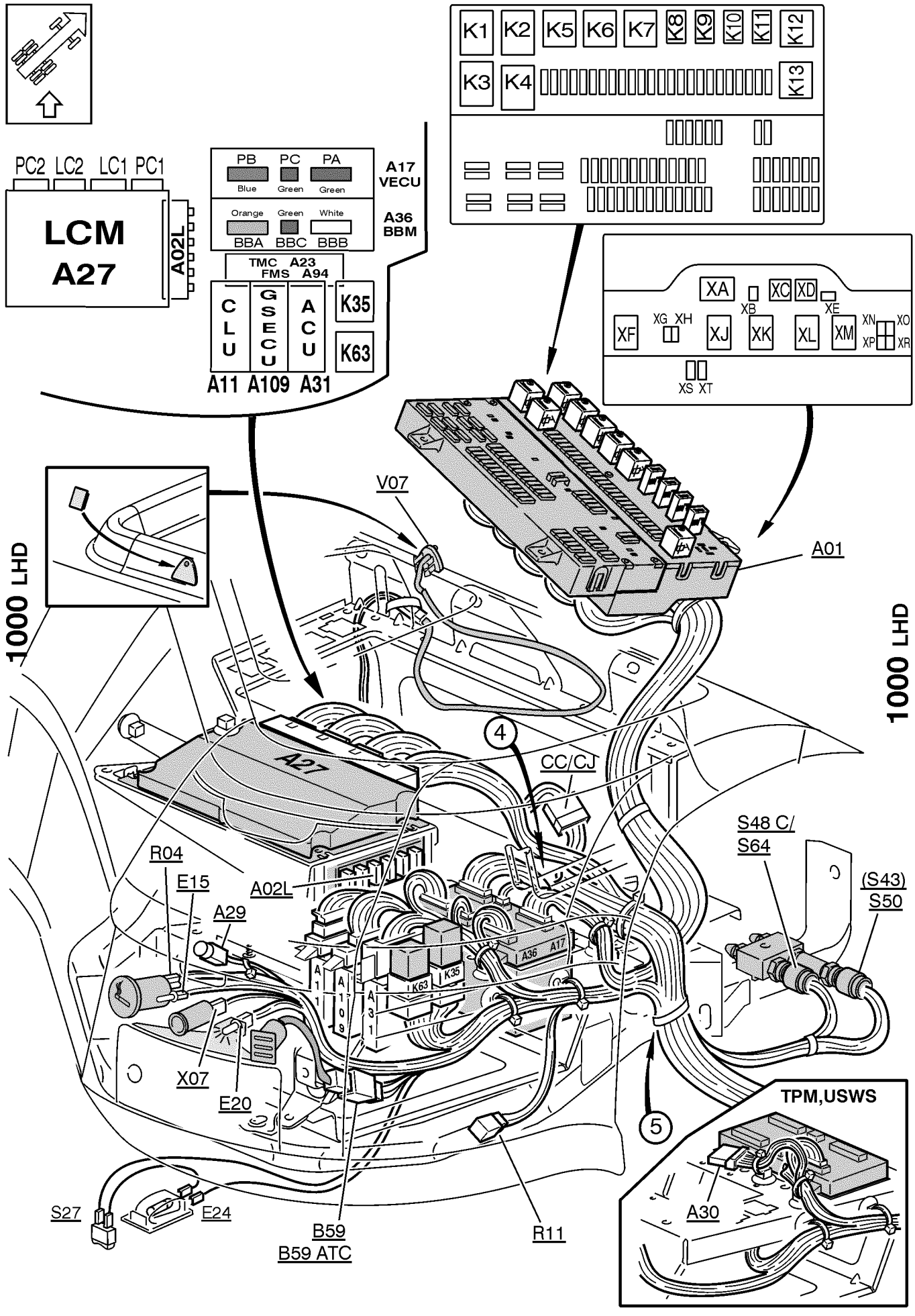

S34
X08
SET
RSM
ON
OFF
1000 LHD
1000 LHD
B49
S25
S02/S13
(GREEN)
S06
S30
(GREEN)
W02
X09
S24
(RED)
S15
L.H.D.
1

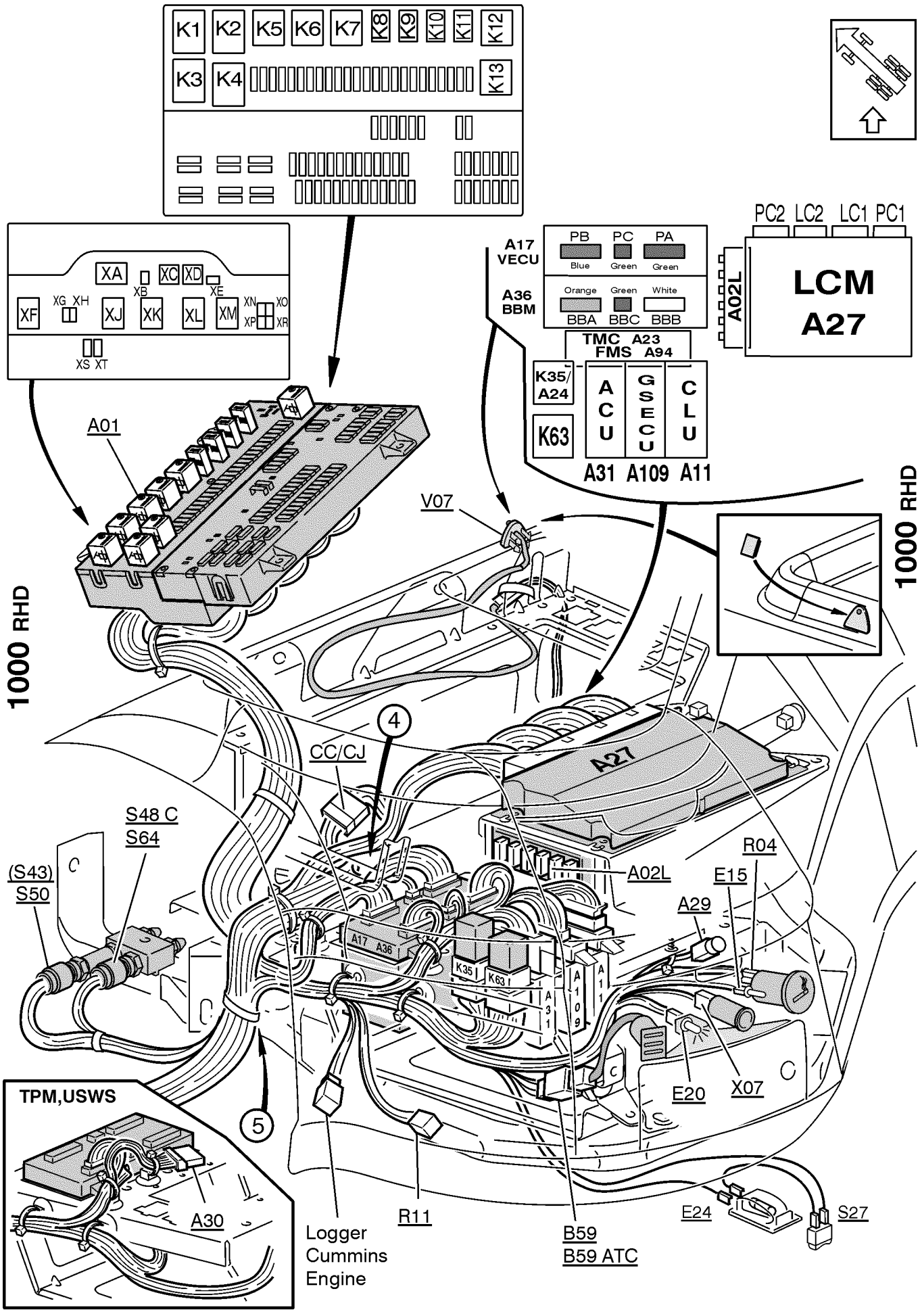
T3017748


1000 LHD
1000 LHD
K30
K28
K60
K25
K59
K24
K58
K27
K23
K22
K21
K20
K16
K18
A106
(Heater FUSES)
A23
A07
A02L
(RED)
V02
A40
K15
K14
S78
Intergrated
DF-A09
DY-A09
A105
BSA-S04
S77
S166
B06
A15
DZ-1492
FI
(Mobile Telefon)
A-D A33
DN
GPS
Roof
DV
DO
DX
DM
DW
A22
FMS
A94
(CD-Changer
C2
(Spare)
C3
C1 (SWM)
(Common)
RAB
RAA
SIB
A105
1
2
3
4

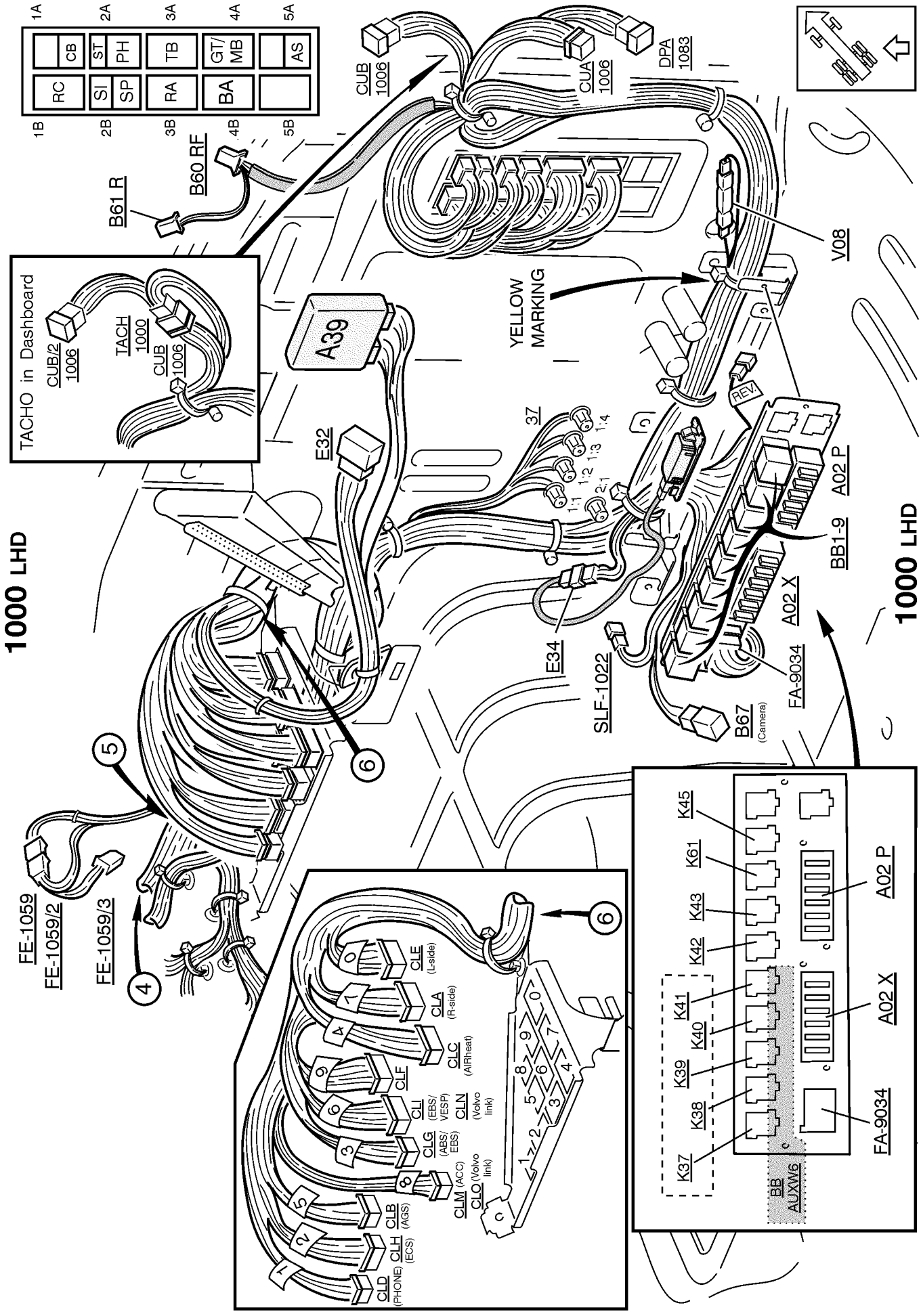

1000 RHD
1000 RHD
SJB
VOLVO
A105
B06
2
FT
(Mobile Telefon)
DZ-1492
S77
DF-A09
DY-A09
Intergrated
S78
A105
K14
K15
V40
(RED)
V02
A02L
4
BSA-S04
DN
GPS
Roof
DW
A22
DM
A22
DX
A22
DO
A22
DV
A22
A-D A33
A07
Retro
Fitted
K22
K21
K20
K16
K18
(Heater FUSES)
A106
A23
K26 A
K25
K24
K23
K27
K28
K26 B
K30
FMS
A94
VOLVO
(CD-Change)
C2
(Spare)
C3
C1 (SWM)
(Common)
RAB
RAA

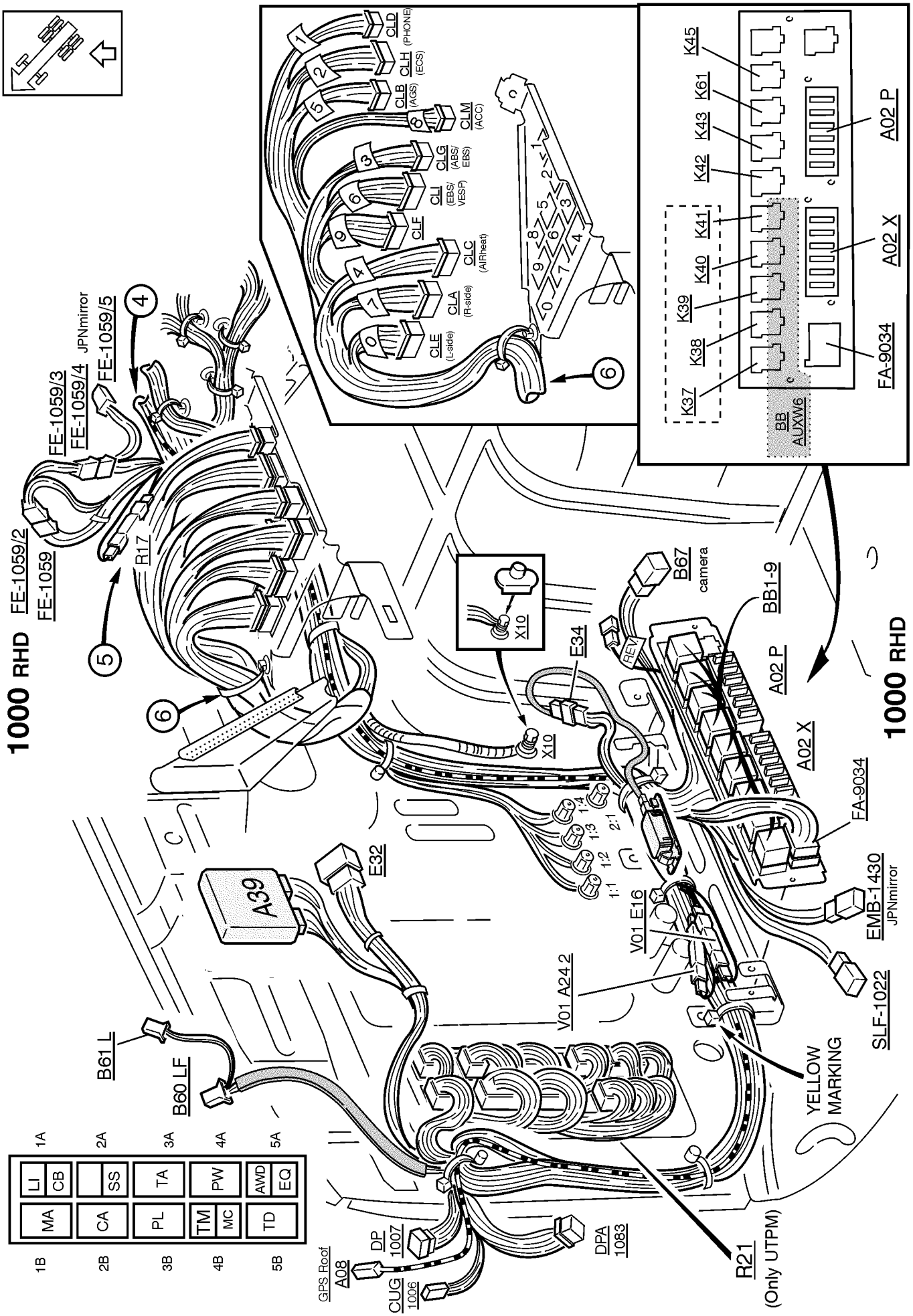
T3018313


K1 K2 K5 K6 K7 K8 K9 K10 K11 K12
K3 K4 K13
PC2 LC2 LC1 PC1
LCM
A27
A02L
PB PC PA
Blue Green Green
A17
VECU
Orange Green White
BBA BBC BBB
A36
BBM
TMC A23
FMS A94
CLU
GSECU
ACU
K35
K63
A11 A109 A31
XA XB XC XD XE
XF XG XH XJ XK XL XM XN XO XP XR
XS XT
V07
A01
1000 LHD
1000 LHD
A27
4
CC/CJ
S48 C/
S64
(S43)
S50
R04
E15
A02L
A29
X07
E20
S27
E24
B59
B59 ATC
R11
5
TPM,USWS
A30

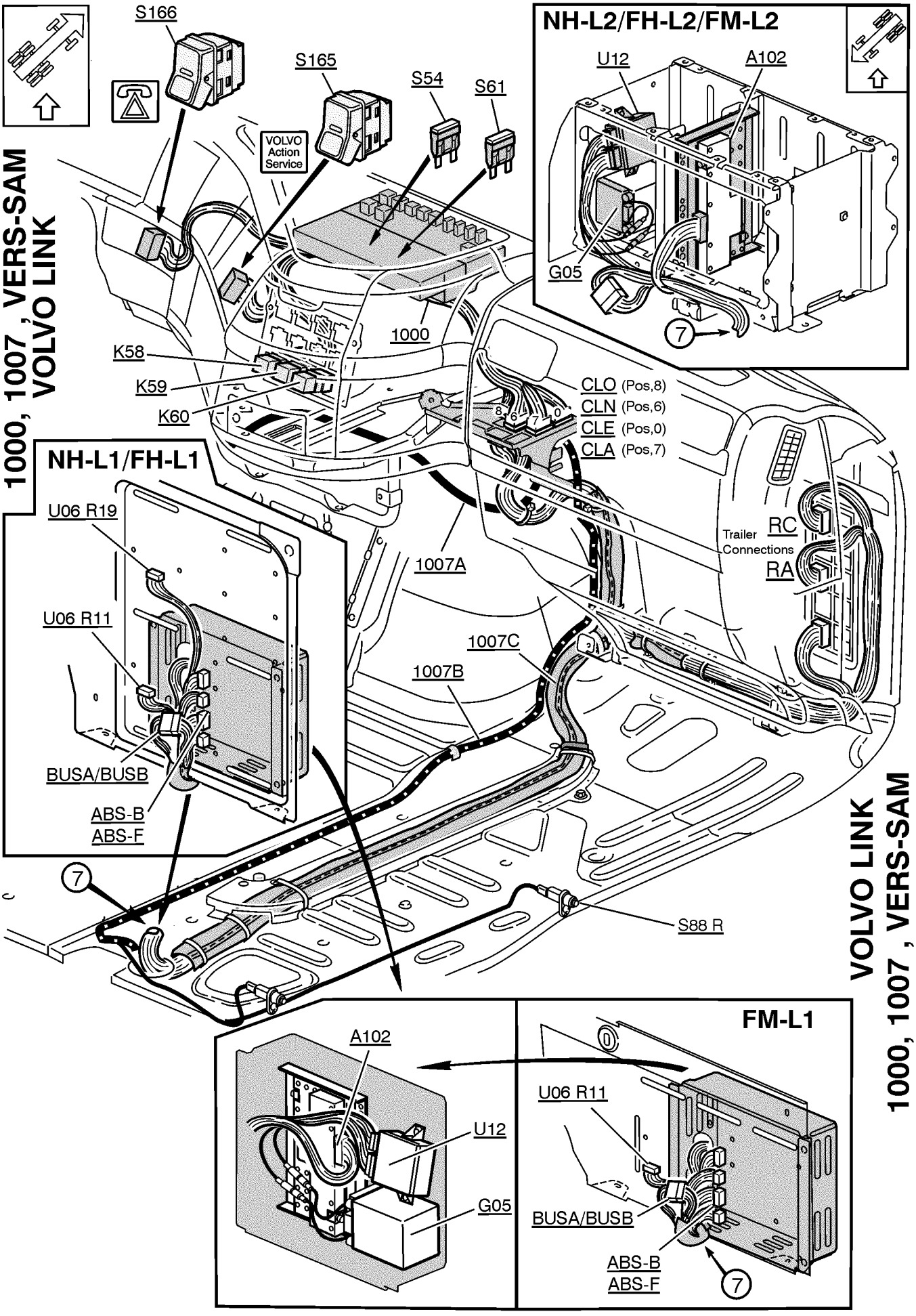

K1
K2
K5
K6
K7
K8
K9
K10
K11
K12
K3
K4
K13
XA
XB
XC
XD
XE
XF
XG XH
XJ
XK
XL
XM
XN
XP
XO
XR
XS XT
A17
VECU
PB
PC
PA
Blue
Green
Green
A36
BBM
Orange
Green
White
BBA
BBC
BBB
TMC A23
FMS A94
K35/
A24
K63
ACU
GSECU
CLU
A31 A109 A11
PC2 LC2 LC1 PC1
A02L
LCM
A27
A01
V07
1000 RHD
1000 RHD
4
CC/CJ
A27
S48 C
S64
(S43)
S50
A02L
R04
E15
A29
E20
X07
5
TPM,USWS
A30
Logger
Cummins
Engine
R11
B59
B59 ATC
E24
S27

T3018739

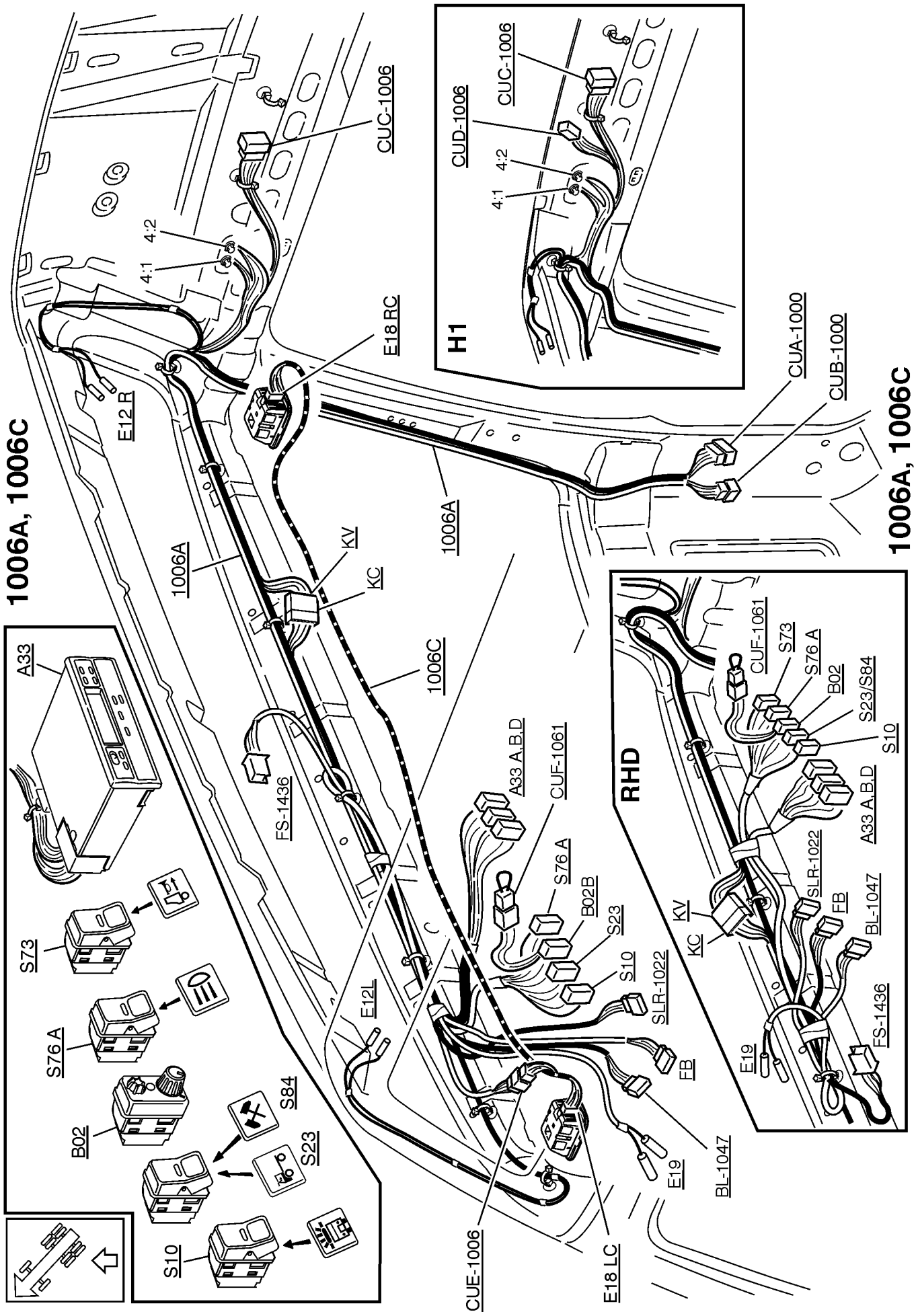

1000 LHD
1000 LHD
1A
2A
3A
4A
5A
RC
CB
SI
SP
ST
PH
RA
TB
BA
GT/
MB
AS
1B
2B
3B
4B
5B
B61 R
B60 RF
CUB
1006
CUA
1006
DPA
1083
TACHO in Dashboard
CUB/2
1006
TACH
1000
CUB
1006
A39
E32
37
YELLOW
MARKING
V08
REV.
A02 P
BB1-9
A02 X
E34
SLF-1022
B67
(Camera)
FA-9034
FE-1059
FE-1059/2
FE-1059/3
CLD
(PHONE)
CLH
(ECS)
CLB
(AGS)
CLM
(ACC)
CLO
(Volvo link)
CLG
(ABS/EBS)
CLI
(EBS/VESP)
CLN
(Volvo link)
CLF
CLC
(AIRheat)
CLA
(R-side)
CLE
(L-side)
K45
K61
K43
K42
K41
K40
K39
K38
K37
BB
AUXW6


1000 RHD
FE-1059/2
FE-1059
FE-1059/3
FE-1059/4
JPNmirror
FE-1059/5
R17
CLD (PHONE)
CLH (ECS)
CLB (AGS)
CLM (ACC)
CLG (ABS/ EBS)
CLI (EBS/ VESP)
CLF
CLC (AIRheat)
CLA (R-side)
CLE (L-side)
K45
K61
K43
K42
K41
K40
K39
K38
K37
A02 P
A02 X
FA-9034
BB AUXW6
X10
E34
B67 camera
REV
BB1-9
E32
A39
V01 E16
V01 A24 2
EMB-1430 JPNmirror
SLF-1022
YELLOW MARKING
B61 L
B60 LF
LI CB
MA
CA
SS
PL
TA
TM MC
PW
AWD EQ
TD
1A 2A 3A 4A 5A
1B 2B 3B 4B 5B
GPS Roof
A08
DP 1007
CUG 1006
DPA 1083
R21 (Only UTPM)

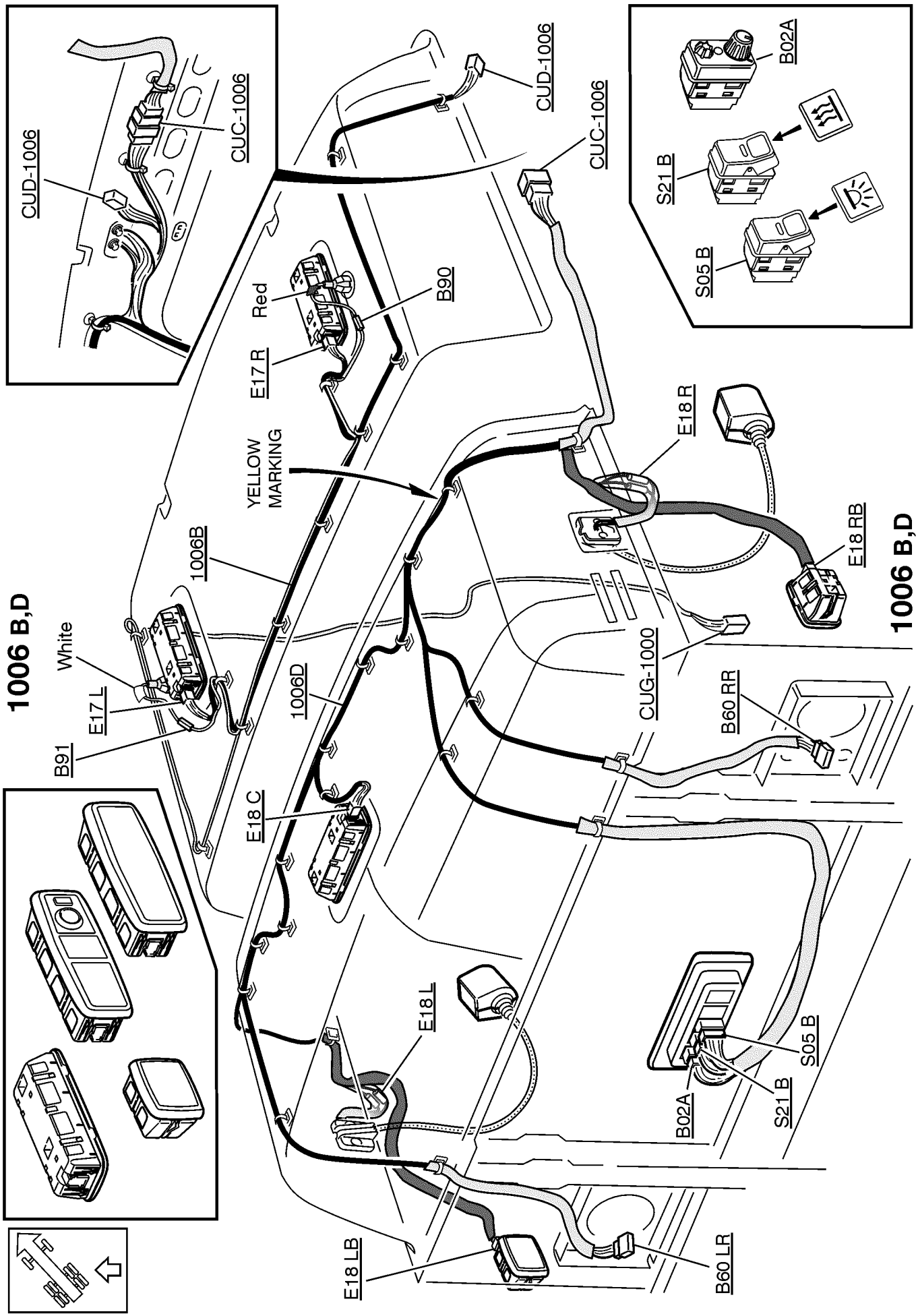
T3017717

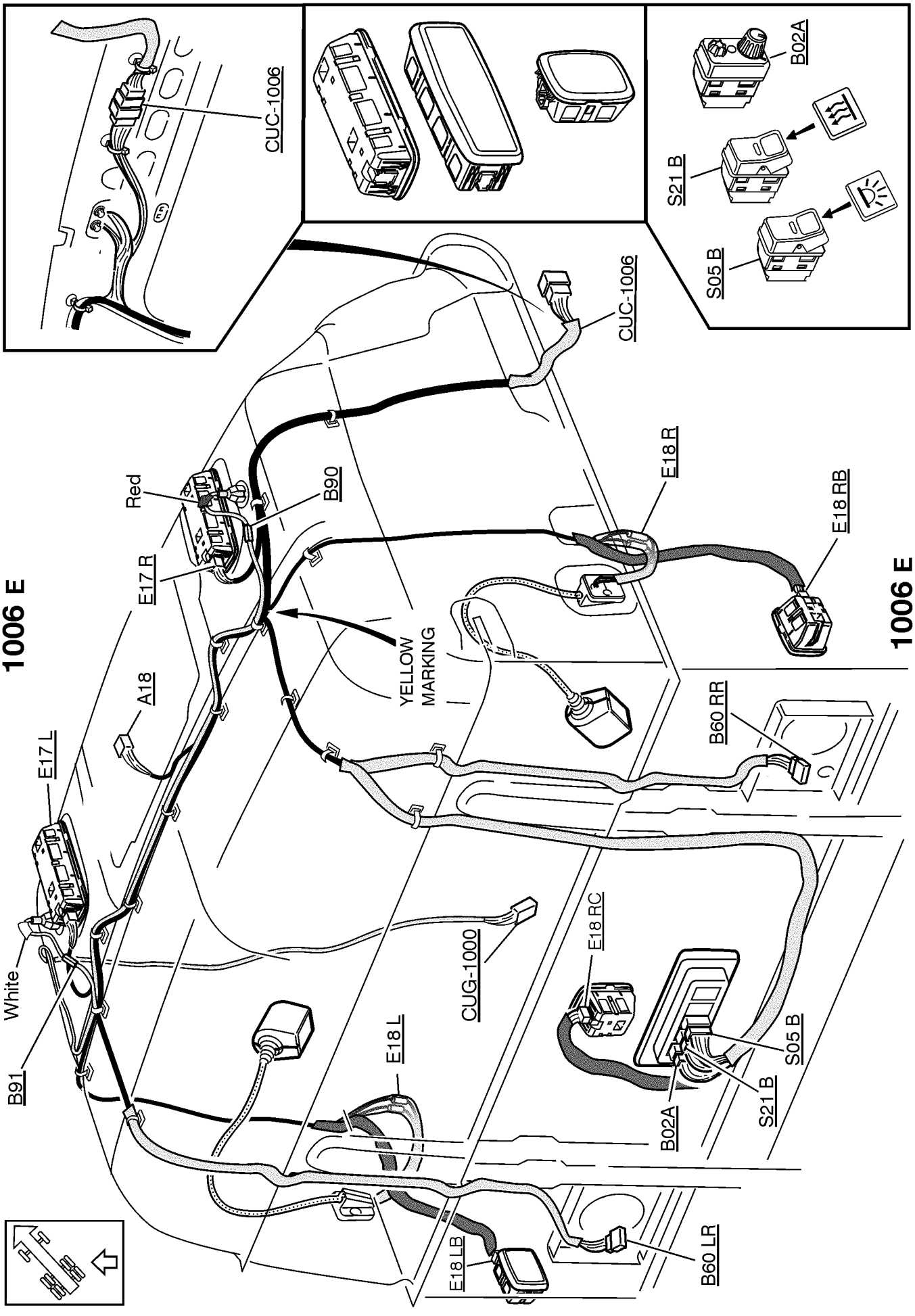

1000, 1007 , VERS-SAM
VOLVO LINK
S166
S165
S54
S61
VOLVO
Action
Service
NH-L2/FH-L2/FM-L2
U12
A102
G05
7
1000
K58
K59
K60
CLO (Pos,8)
CLN (Pos,6)
CLE (Pos,0)
CLA (Pos,7)
NH-L1/FH-L1
U06 R19
U06 R11
BUSA/BUSB
ABS-B
ABS-F
1007A
1007C
1007B
Trailer
Connections
RC
RA
S88 R
VOLVO LINK
1000, 1007 , VERS-SAM
FM-L1
A102
U12
G05
U06 R11
BUSA/BUSB
ABS-B
ABS-F

T3017718

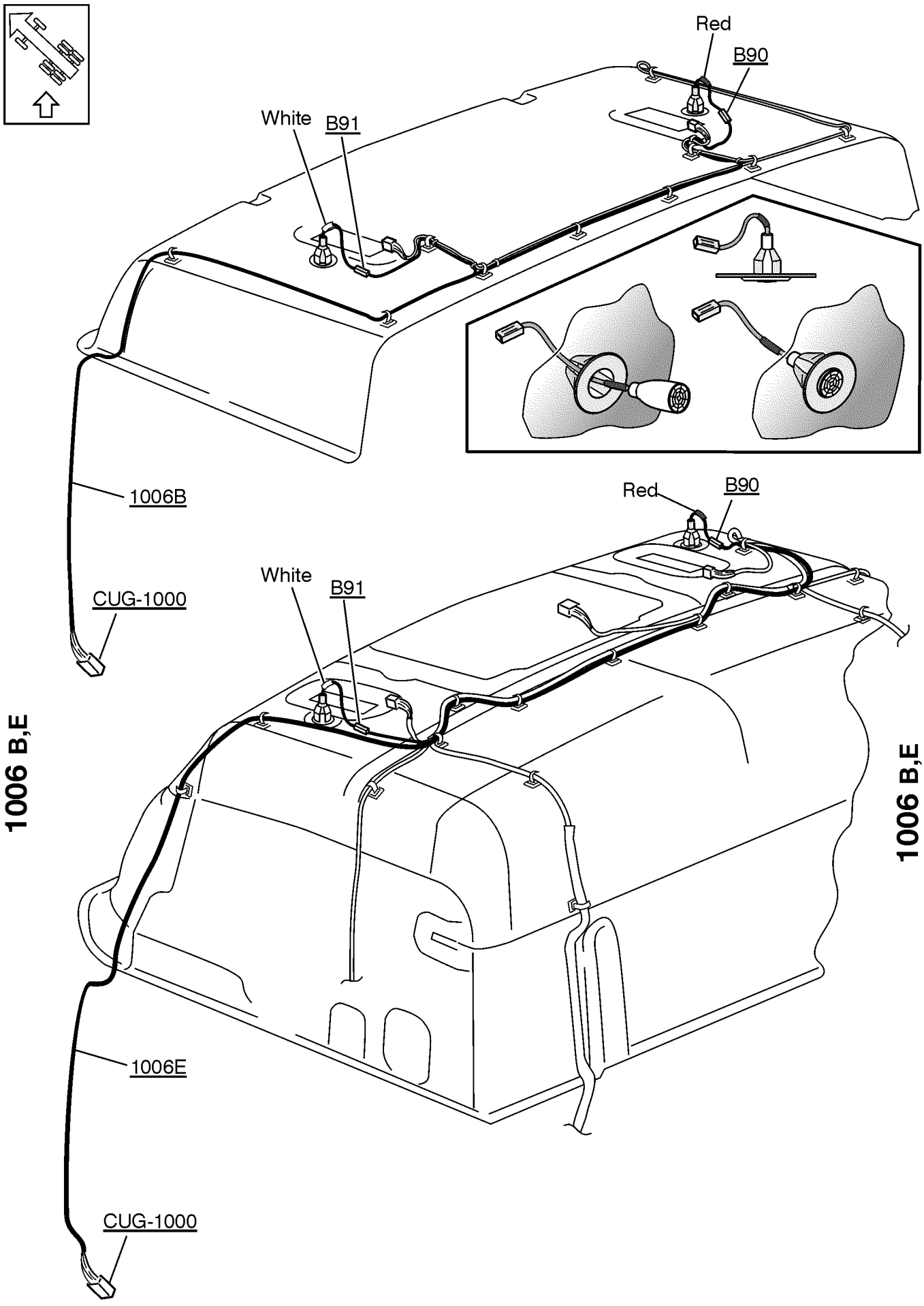

1006A, 1006C
1006A, 1006C
H1
RHD
CUC-1006
CUD-1006
4:1
4:2
E12 R
E18 RC
CUA-1000
CUB-1000
1006A
1006C
KV
KC
A33
S73
S76 A
B02
S84
S23
S10
FS-1436
A33 A,B,D
CUF-1061
B02B
SLR-1022
FB
E12L
E19
BL-1047
CUE-1006
E18 LC
S23/S84

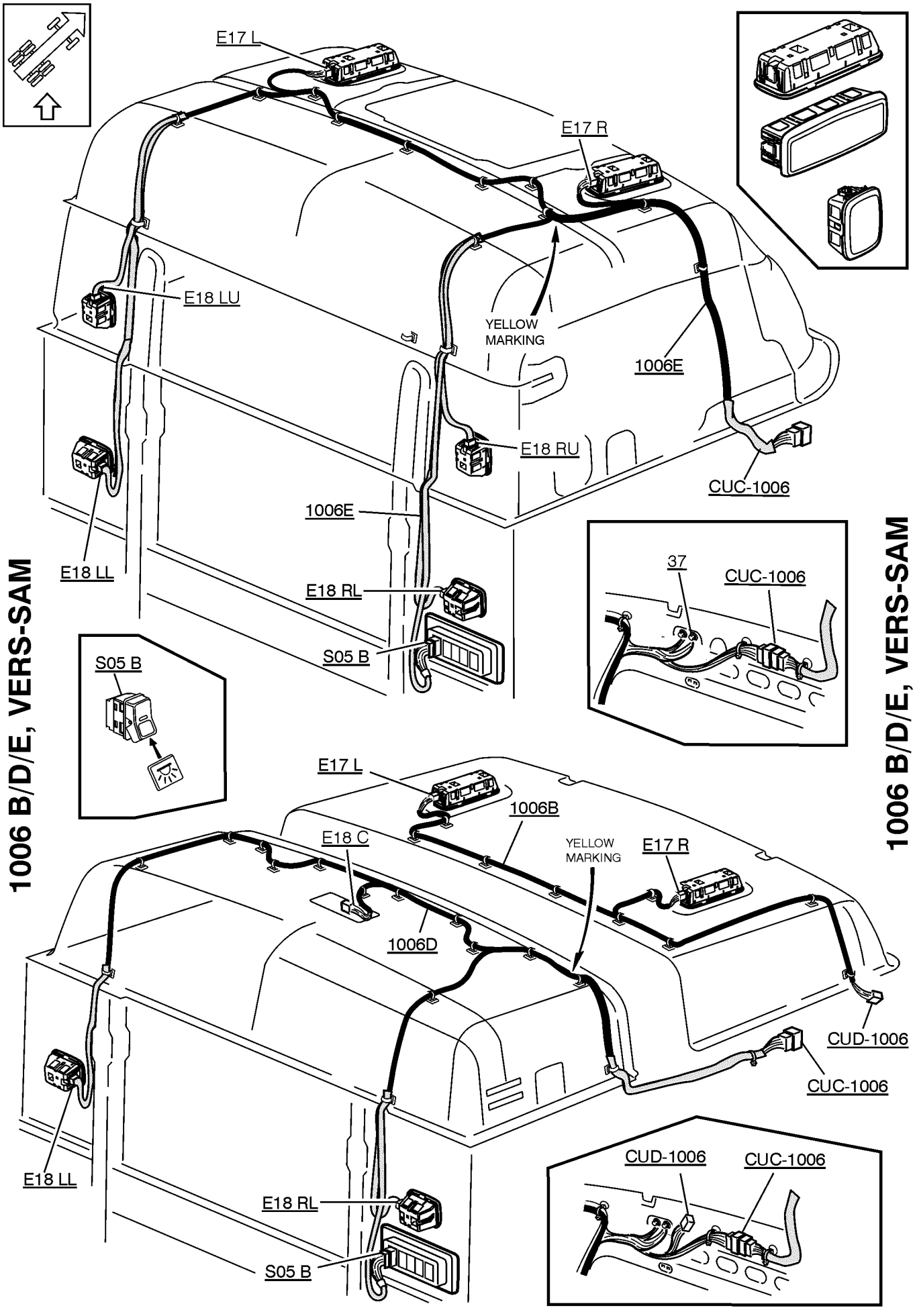
T3016391


CUD-1006
CUC-1006
CUD-1006
CUC-1006
B02A
S21 B
S05 B
Red
E17 R
B90
YELLOW MARKING
E18 R
E18 RB
1006 B,D
1006B
White
E17 L
B91
1006D
E18 C
CUG-1000
B60 RR
1006 B,D
E18 L
B02A
S21 B
S05 B
E18 LB
B60 LR

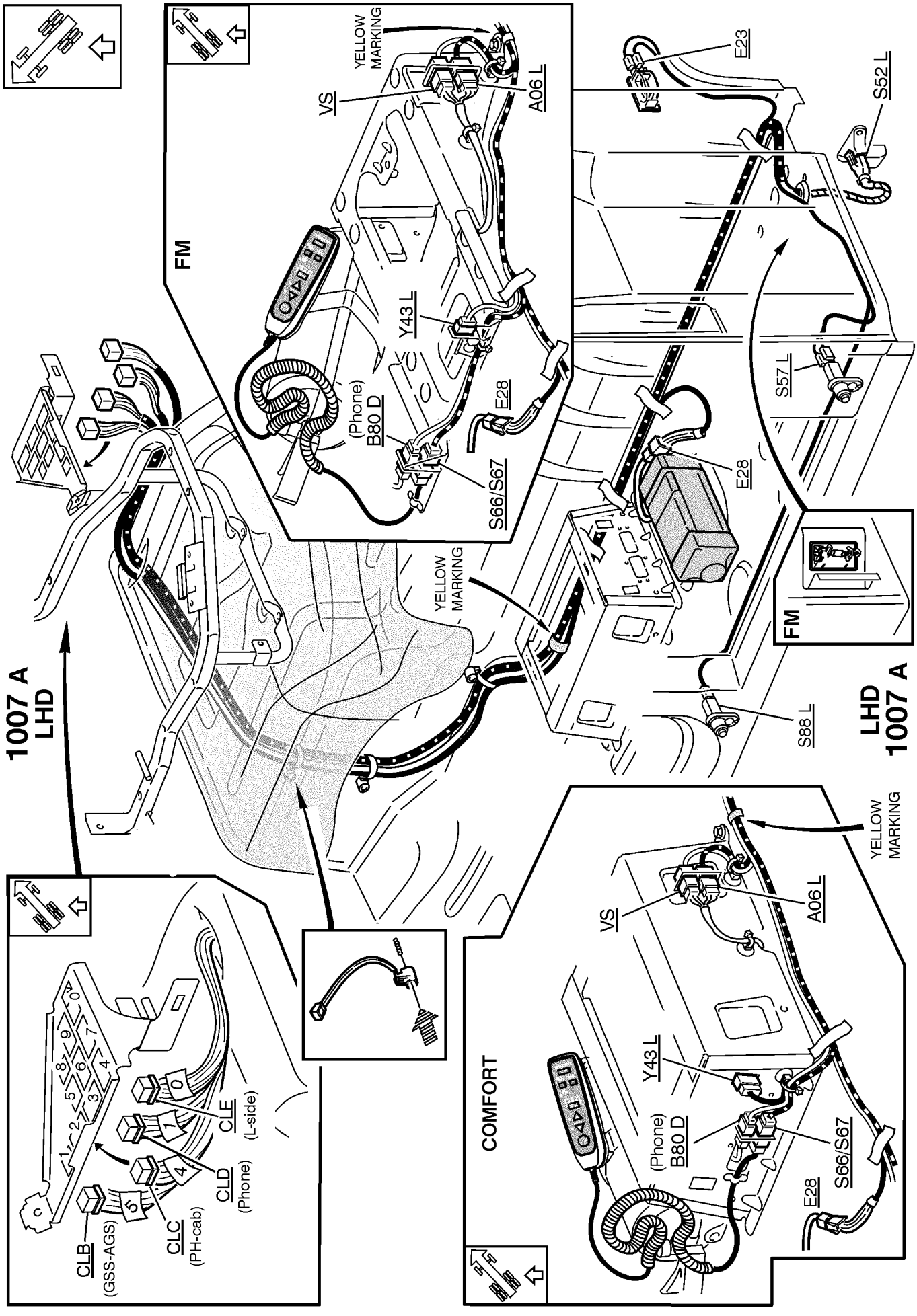

CUC-1006
B02A
S21 B
S05 B
CUC-1006
1006 E
Red
B90
E17 R
E18 R
E18 RB
A18
YELLOW MARKING
E17 L
B60 RR
1006 E
White
B91
CUG-1000
E18 RC
E18 L
S05 B
S21 B
B02A
E18 LB
B60 LR

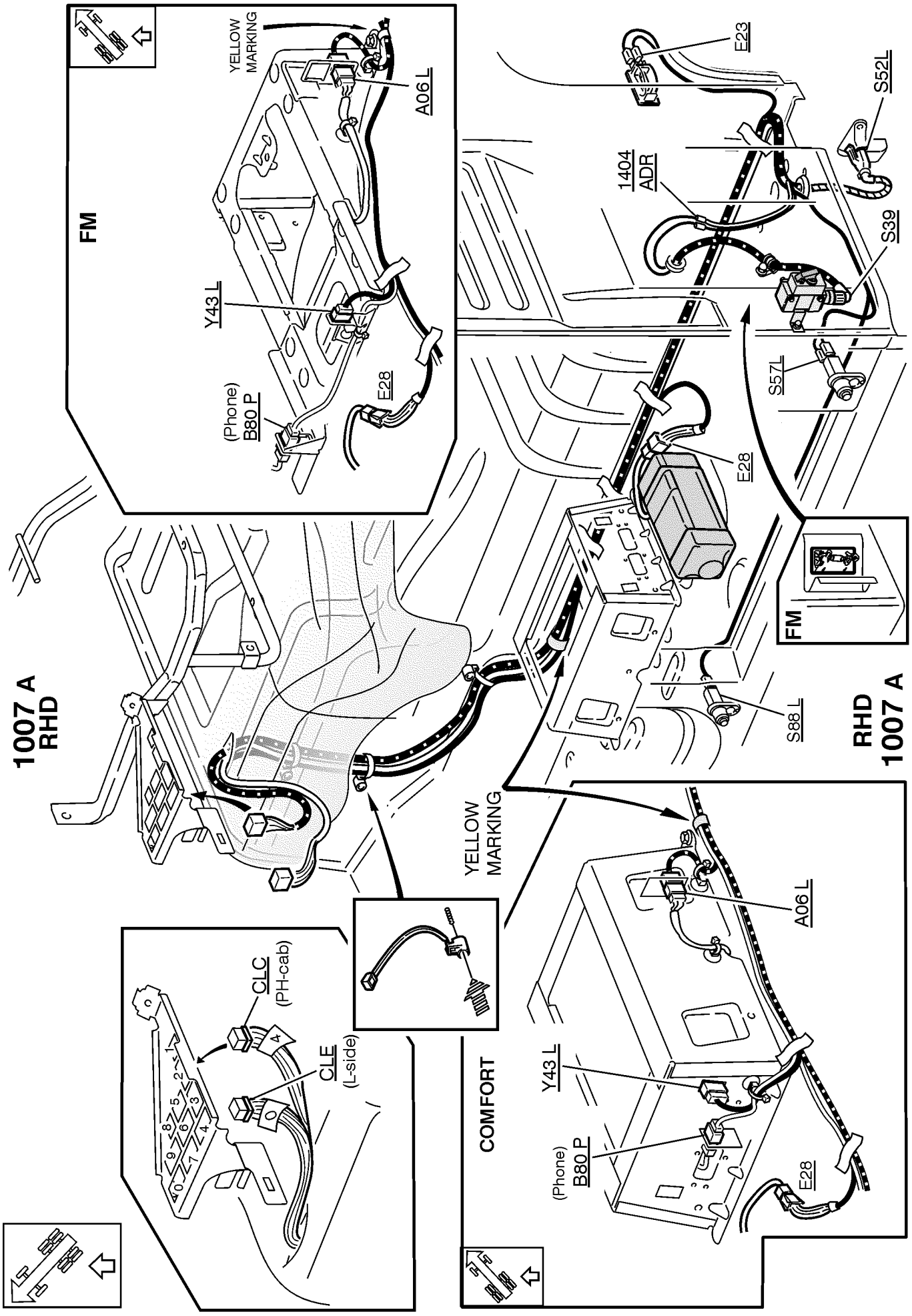
T3016393


Red
B90
White
B91
1006B
CUG-1000
Red
B90
White
B91
1006 B,E
1006 B,E
1006E
CUG-1000

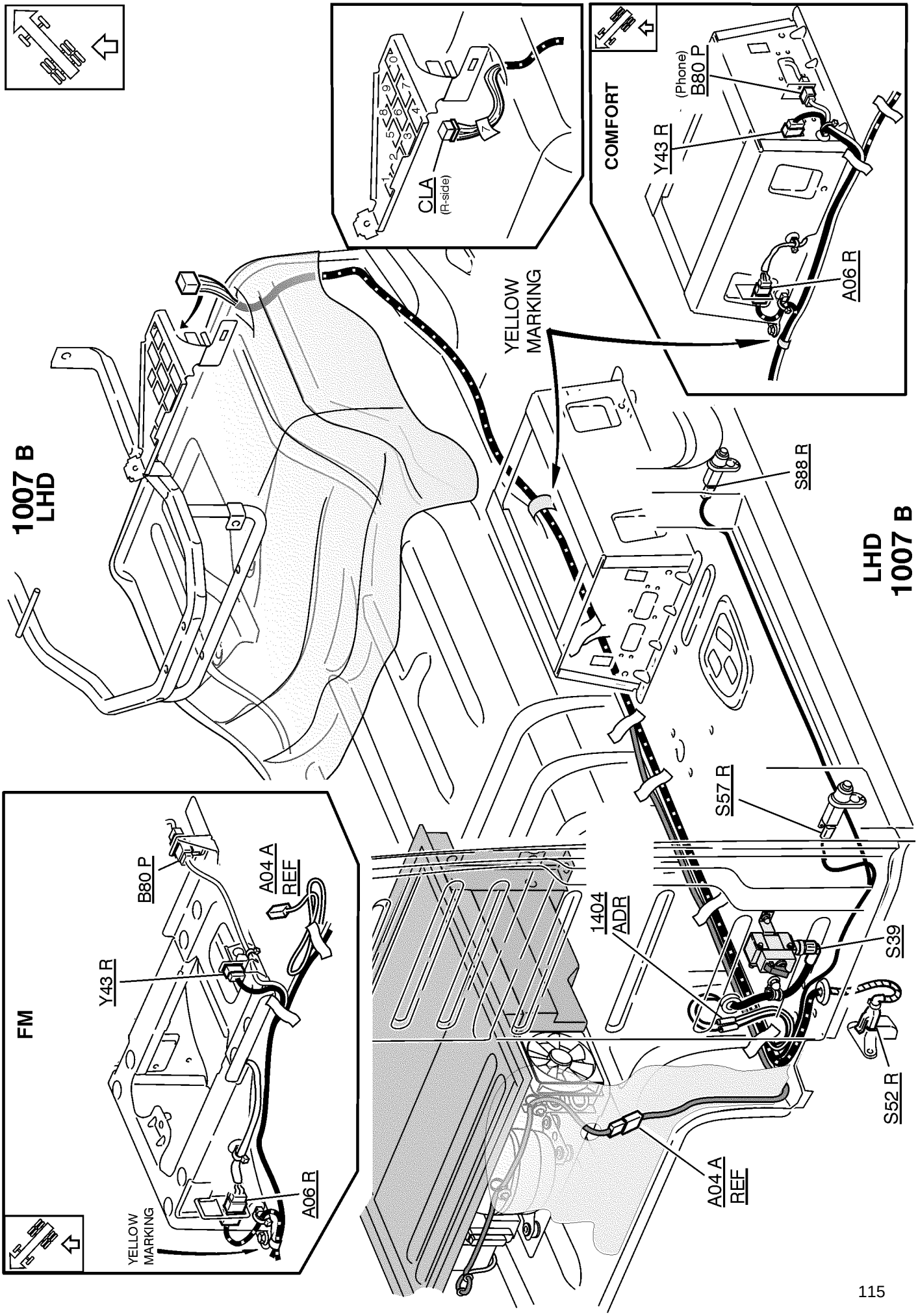

1006 B/D/E, VERS-SAM
E17 L
E17 R
E18 LU
YELLOW MARKING
1006E
E18 RU
CUC-1006
E18 LL
1006E
E18 RL
S05 B
37
CUC-1006
S05 B
1006 B/D/E, VERS-SAM
E17 L
1006B
E18 C
YELLOW MARKING
E17 R
1006D
CUD-1006
CUC-1006
E18 LL
E18 RL
S05 B
CUD-1006
CUC-1006

T3016950

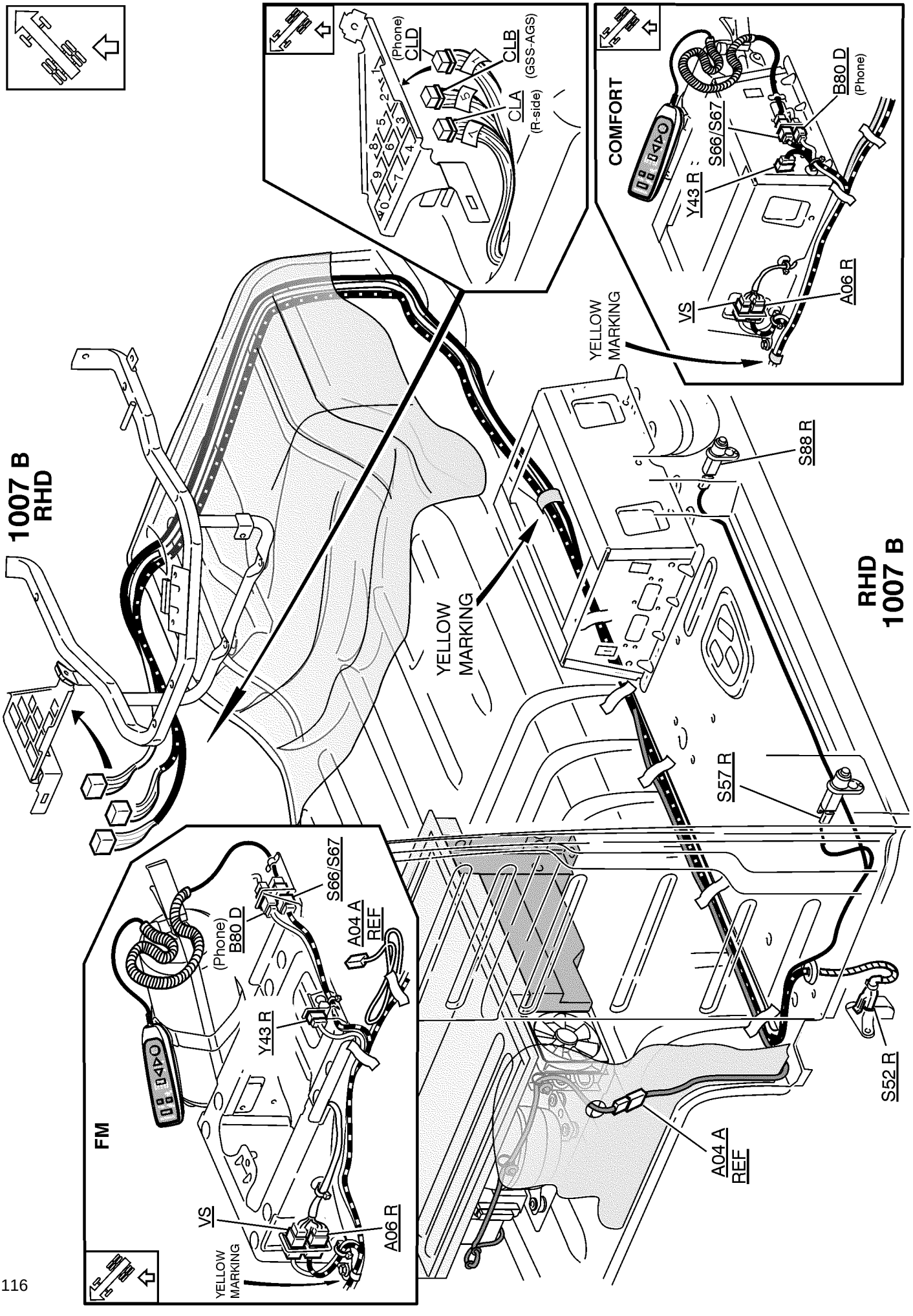

1007 A
LHD
FM
YELLOW MARKING
VS
A06 L
Y43 L
(Phone)
B80 D
E28
S66/S67
E23
S52 L
S57 L
S88 L
CLB
(GSS-AGS)
CLC
(PH-cab)
CLD
(Phone)
CLE
(L-side)
COMFORT


1007 A
RHD
FM
YELLOW
MARKING
A06 L
Y43 L
(Phone)
B80 P
E28
E23
S52L
1404
ADR
S39
S57L
S88 L
FM
RHD
1007 A
YELLOW
MARKING
CLC
(PH-cab)
CLE
(L-side)
COMFORT
A06 L
Y43 L
(Phone)
B80 P
E28

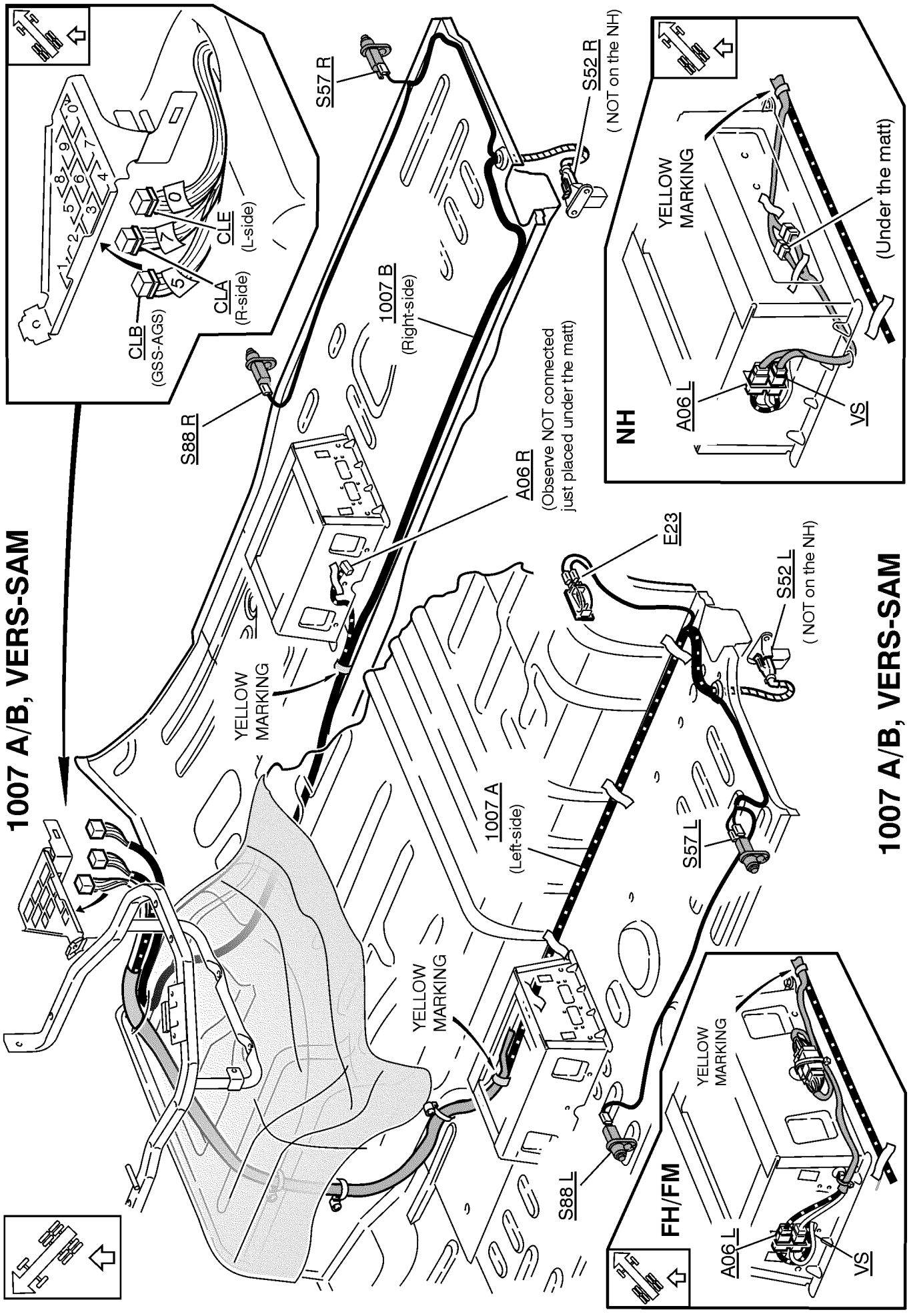
T3016396

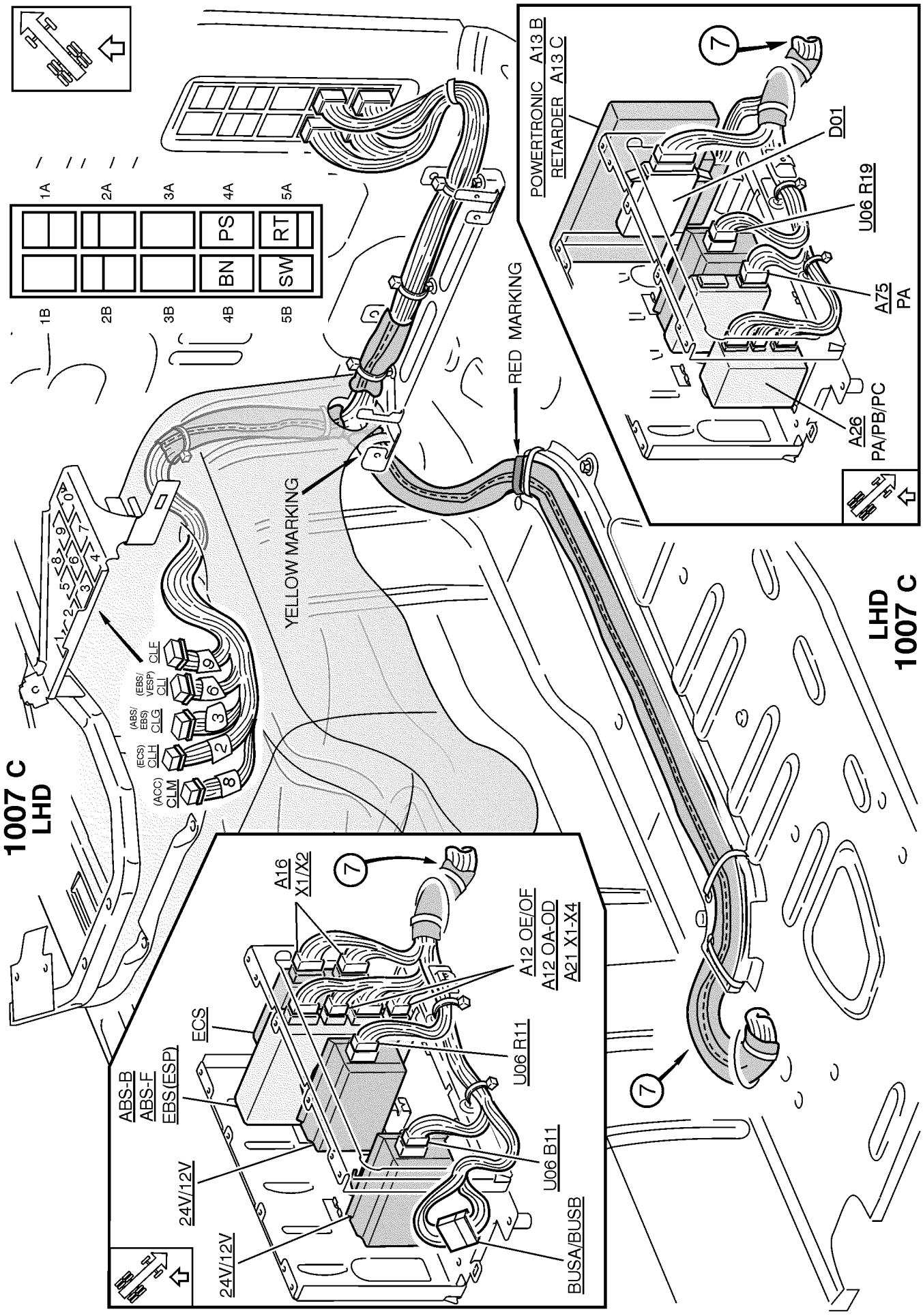

1007 B
LHD
FM
B80 P
A04 A
REF
Y43 R
A06 R
YELLOW
MARKING
CLA
(R-side)
COMFORT
(Phone)
B80 P
Y43 R
A06 R
YELLOW
MARKING
S88 R
S57 R
1404
ADR
S39
S52 R
A04 A
REF
LHD
1007 B

T3016397

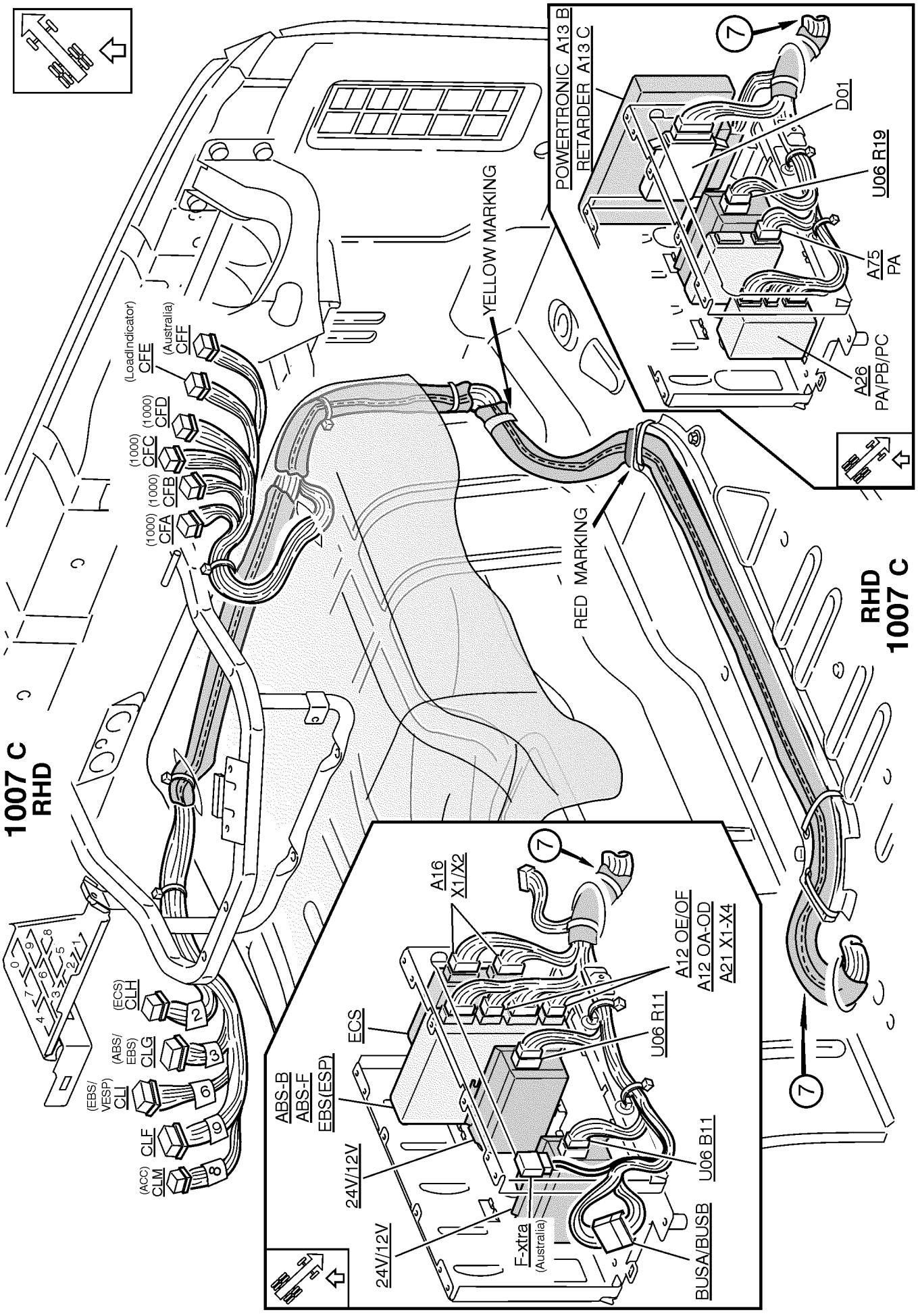

1007 B
RHD
RHD
1007 B
FM
COMFORT
(Phone)
CLD
CLB
(GSS-AGS)
CLA
(R-side)
(Phone)
B80 D
S66/S67
Y43 R
A04 A
REF
VS
A06 R
YELLOW
MARKING
S88 R
S57 R
S52 R

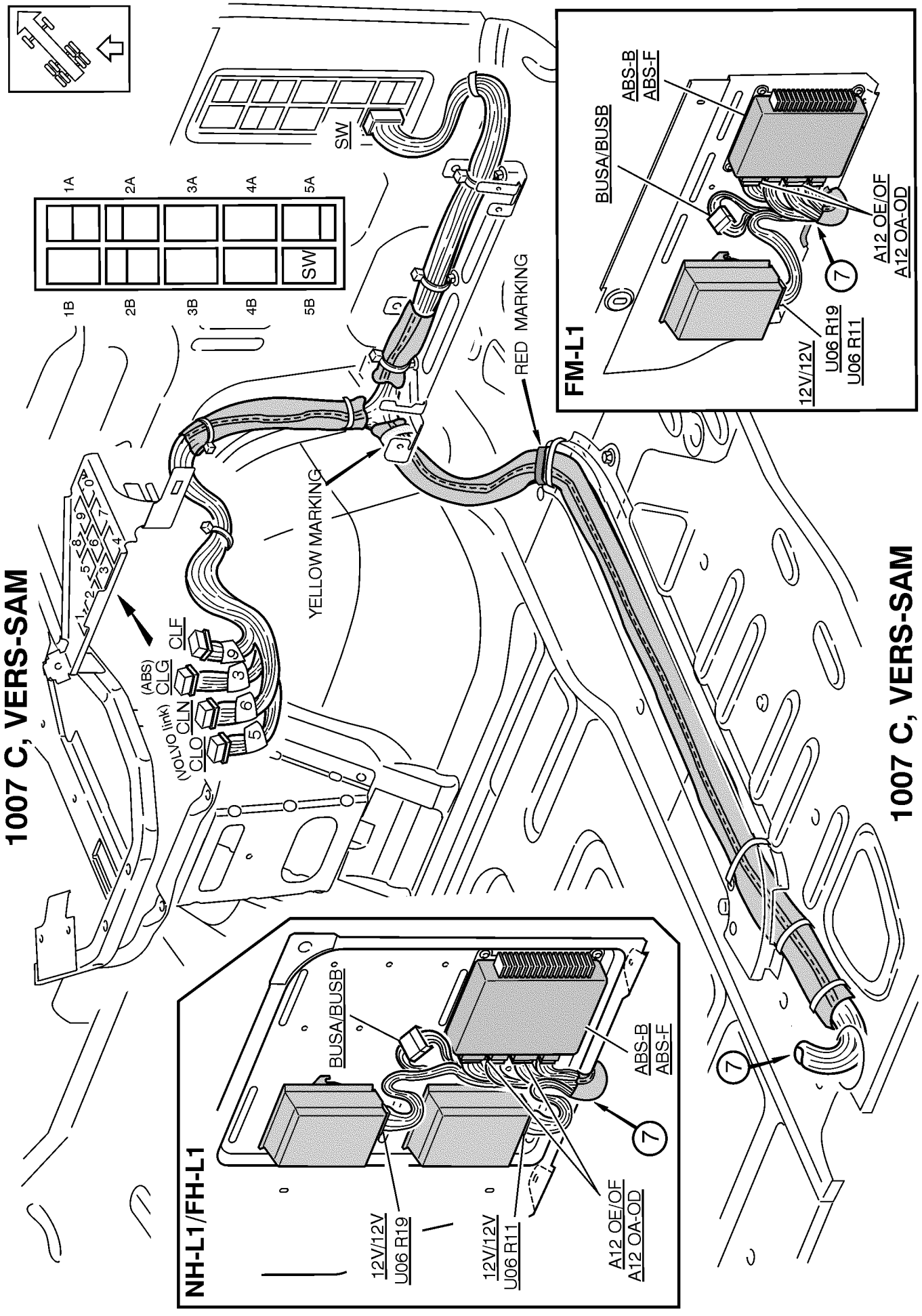
T3018741

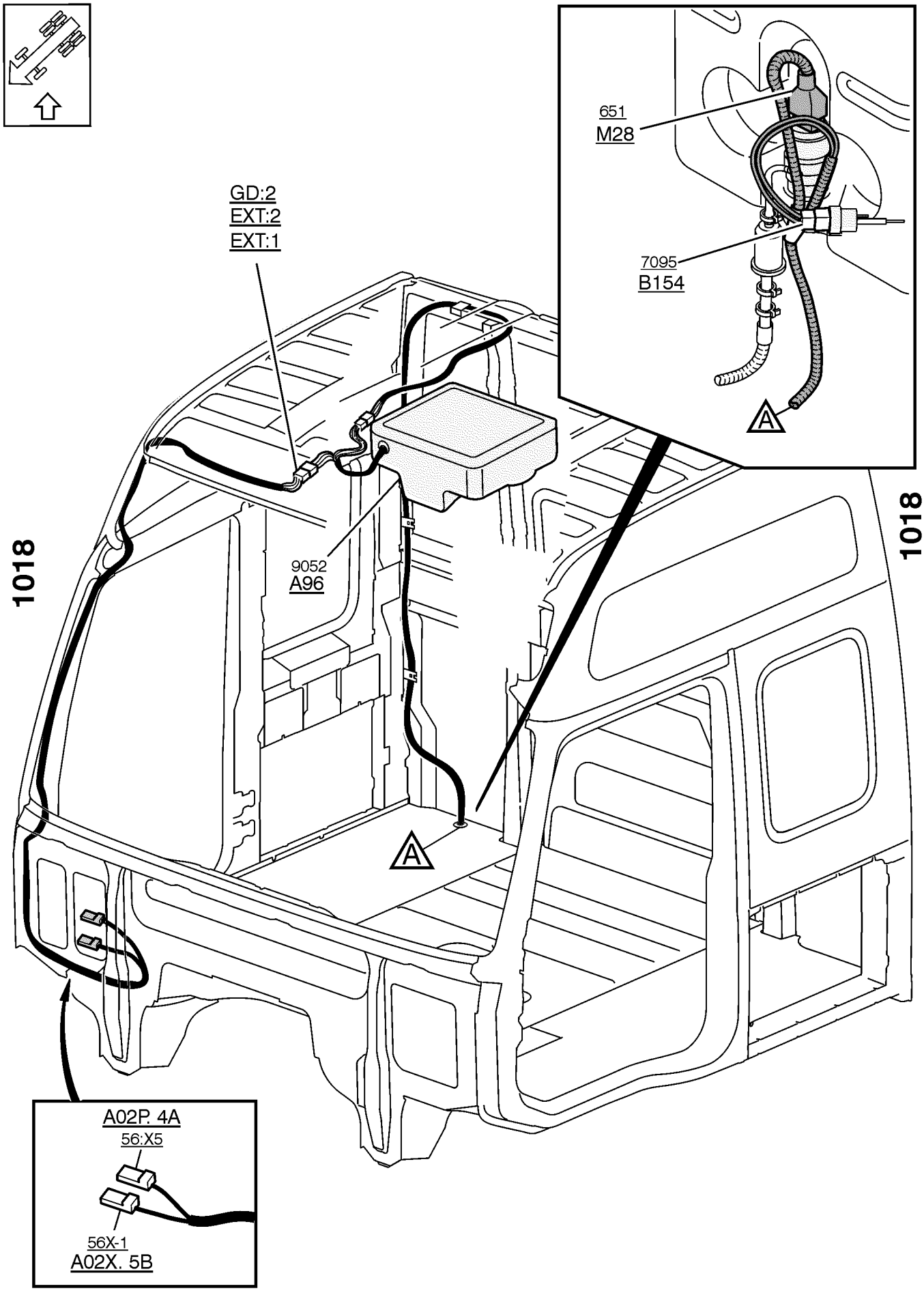

1007 A/B, VERS-SAM
CLB (GSS-AGS)
CLA (R-side)
CLE (L-side)
S57 R
S52 R
(NOT on the NH)
S88 R
1007 B (Right-side)
A06 R (Observe NOT connected just placed under the matt)
YELLOW MARKING
NH
A06 L
VS
(Under the matt)
E23
S52 L
(NOT on the NH)
1007 A (Left-side)
S57 L
S88 L
FH/FM
1007 A/B, VERS-SAM

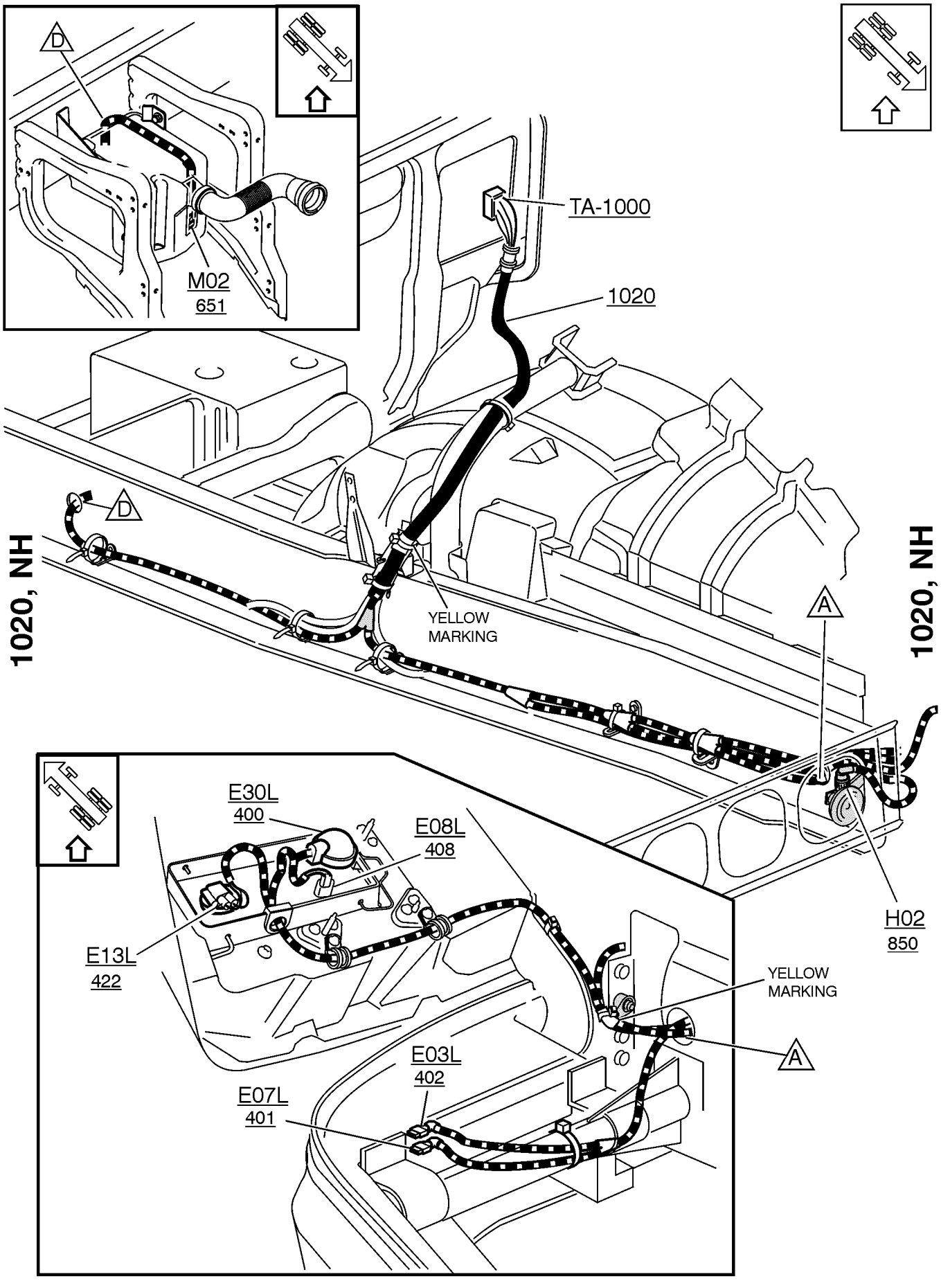

1007 C
LHD
LHD
1007 C
YELLOW MARKING
RED MARKING
1A
2A
3A
4A
5A
1B
2B
3B
4B
5B
PS
RT
BN
SW
POWERTRONIC A13 B
RETARDER A13 C
D01
U06 R19
A75
PA
A26
PA/PB/PC
(ACC) CLM
(ECS) CLH
(ABS/ EBS) CLG
(EBS/ VESP) CLI
CLE
A16
X1/X2
A12 OE/OF
A12 OA-OD
A21 X1-X4
ECS
ABS-B
ABS-F
EBS(ESP)
U06 R11
U06 B11
24V/12V
24V/12V
BUSA/BUSB

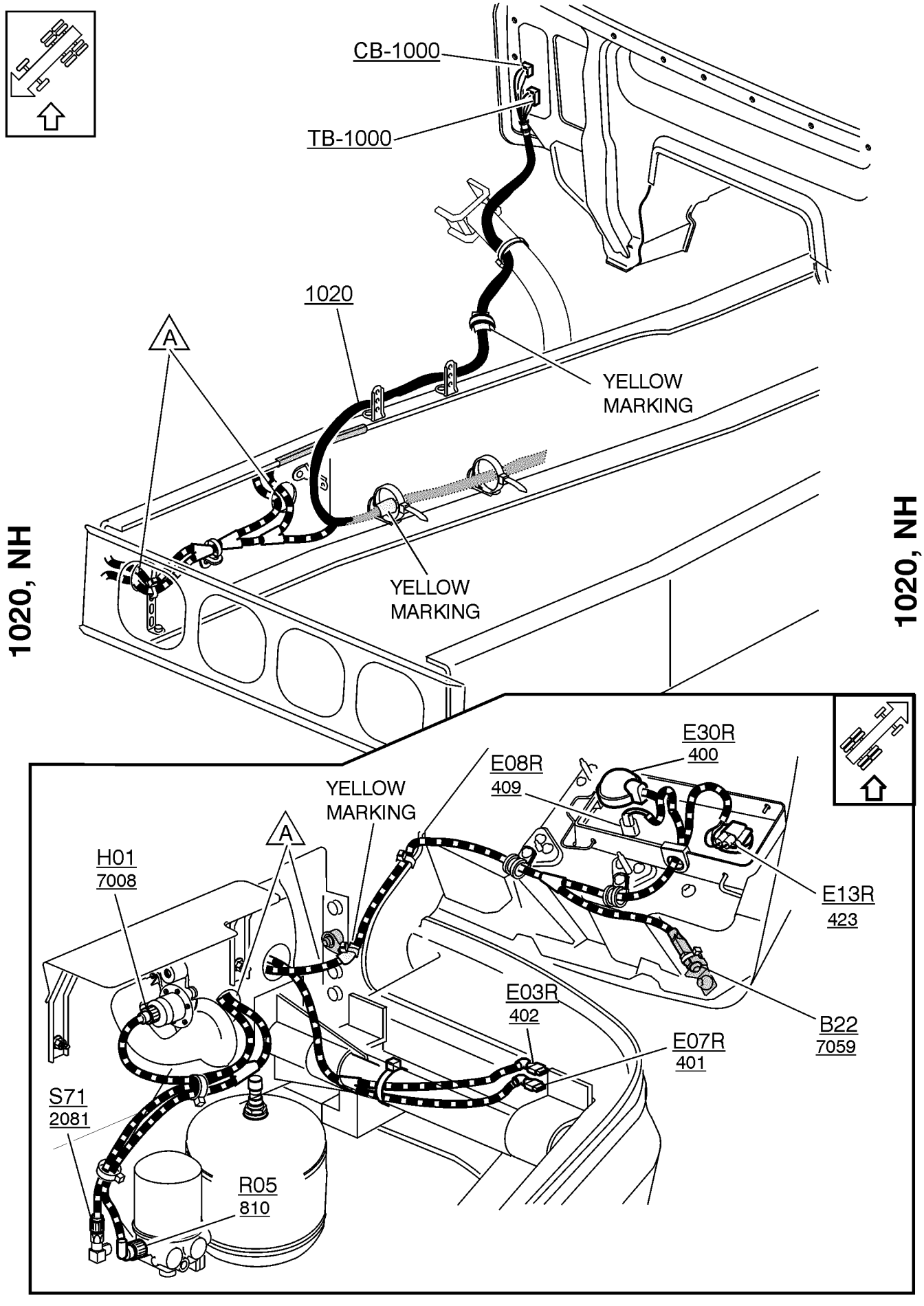
T3017719


1007 C
RHD
RHD
1007 C
YELLOW MARKING
RED MARKING
POWERTRONIC A13 B
RETARDER A13 C
D01
U06 R19
A75
PA
A26
PA/PB/PC
(LoadIndicator)
CFE
(Australia)
CFF
(1000)
CFC
(1000)
CFD
(1000)
CFB
(1000)
CFA
(ECS)
CLH
(ABS/
EBS)
CLG
(EBS/
VESP)
CLI
CLF
(ACC)
CLM
A16
X1/X2
A12 OE/OF
A12 OA-OD
A21 X1-X4
U06 R11
ECS
ABS-B
ABS-F
EBS(ESP)
24V/12V
24V/12V
F-xtra
(Australia)
U06 B11
BUSA/BUSB

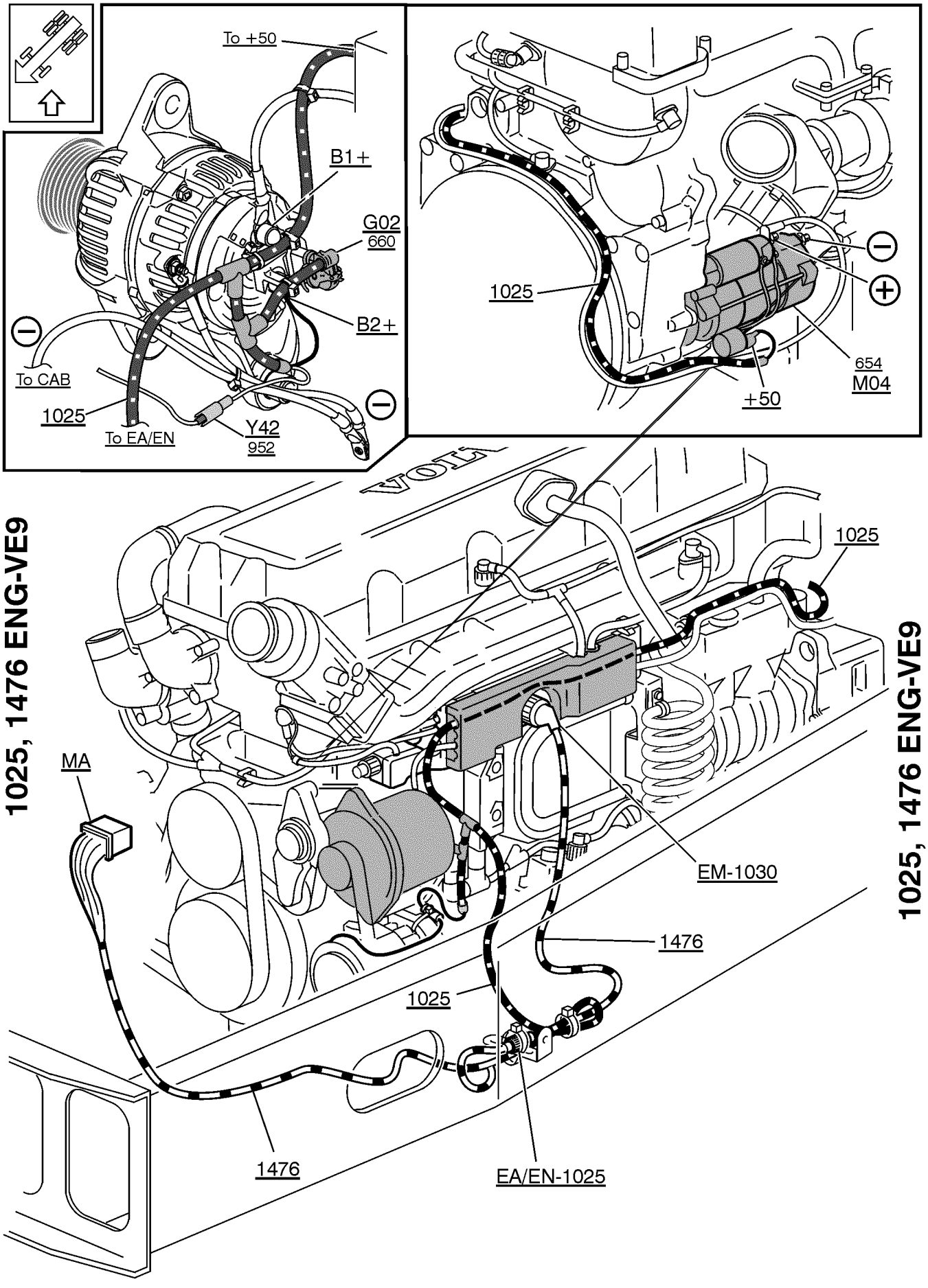

1007 C, VERS-SAM
1007 C, VERS-SAM
1A
2A
3A
4A
5A
SW
1B
2B
3B
4B
5B
SW
RED MARKING
YELLOW MARKING
(ABS) CLG
CLF
(VOLVO link) CLN
CLO
FM-L1
BUSA/BUSB
ABS-B
ABS-F
12V/12V
U06 R19
U06 R11
A12 OE/OF
A12 OA-OD
NH-L1/FH-L1
BUSA/BUSB
ABS-B
ABS-F
12V/12V
U06 R19
12V/12V
U06 R11
A12 OE/OF
A12 OA-OD
T3017721


651
M28
7095
B154
A
GD:2
EXT:2
EXT:1
9052
A96
1018
1018
A
A02P. 4A
56:X5
56X-1
A02X. 5B

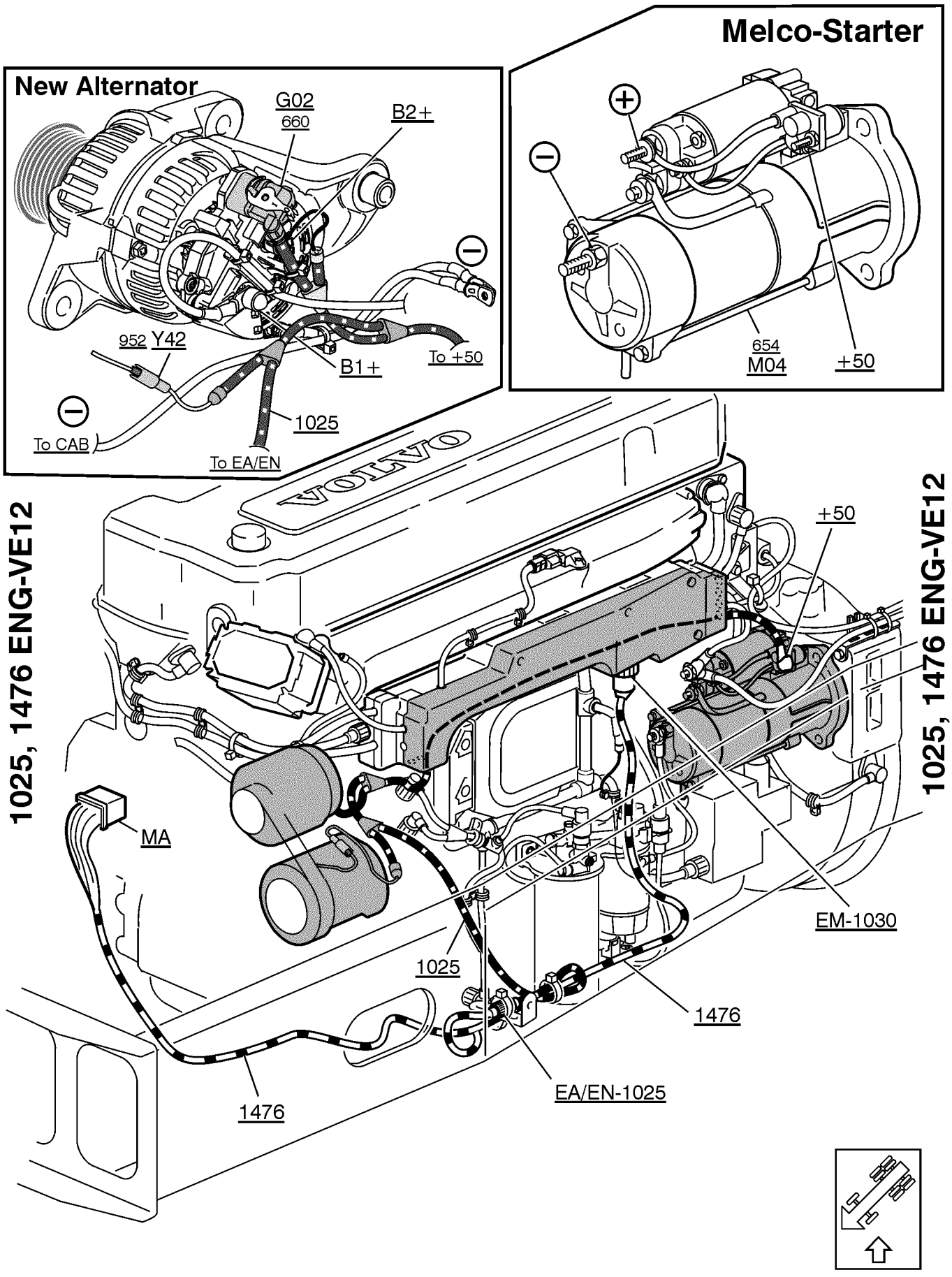

D
M02
651
TA-1000
1020
1020, NH
D
YELLOW
MARKING
A
1020, NH
H02
850
E30L
400
E08L
408
E13L
422
YELLOW
MARKING
A
E03L
402
E07L
401
T3016978

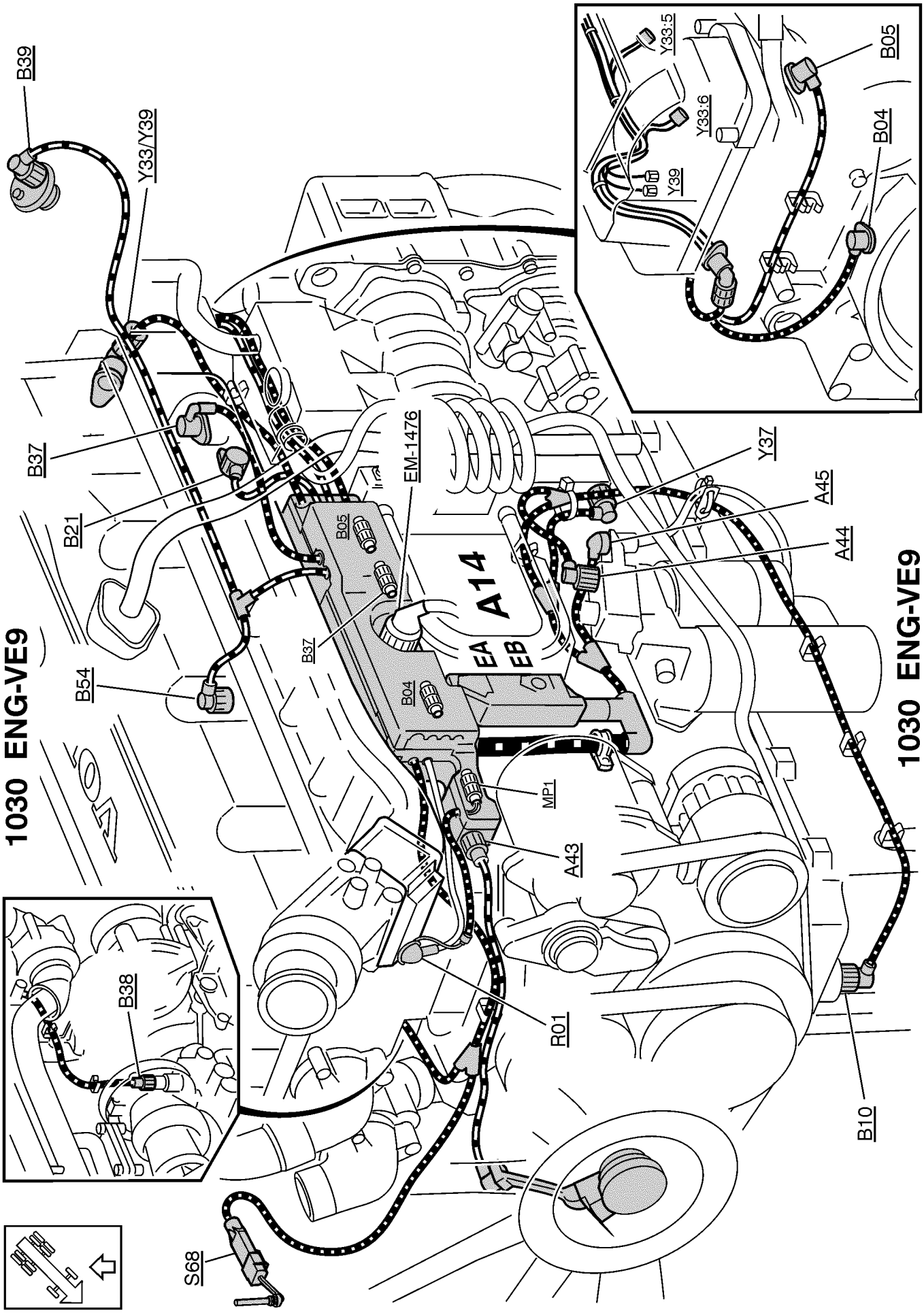

CB-1000
TB-1000
1020
A
YELLOW
MARKING
YELLOW
MARKING
1020, NH
1020, NH
E30R
400
E08R
409
YELLOW
MARKING
A
H01
7008
E13R
423
E03R
402
B22
7059
E07R
401
S71
2081
R05
810

T3016979

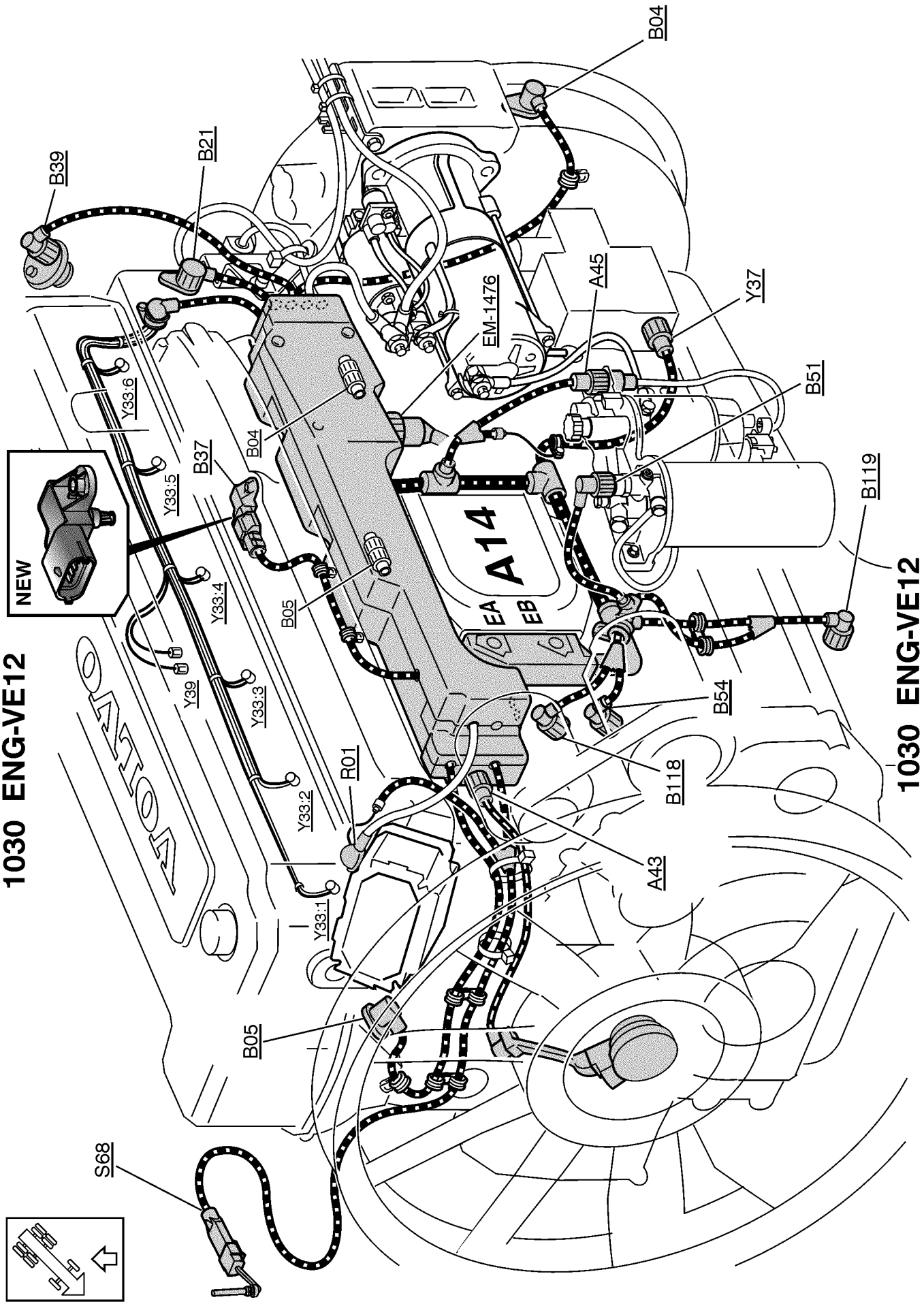

To +50
B1+
G02
660
B2+
To CAB
1025
To EA/EN
Y42
952
1025
654
M04
+50
1025, 1476 ENG-VE9
1025
MA
EM-1030
1476
1025
1476
EA/EN-1025
1025, 1476 ENG-VE9

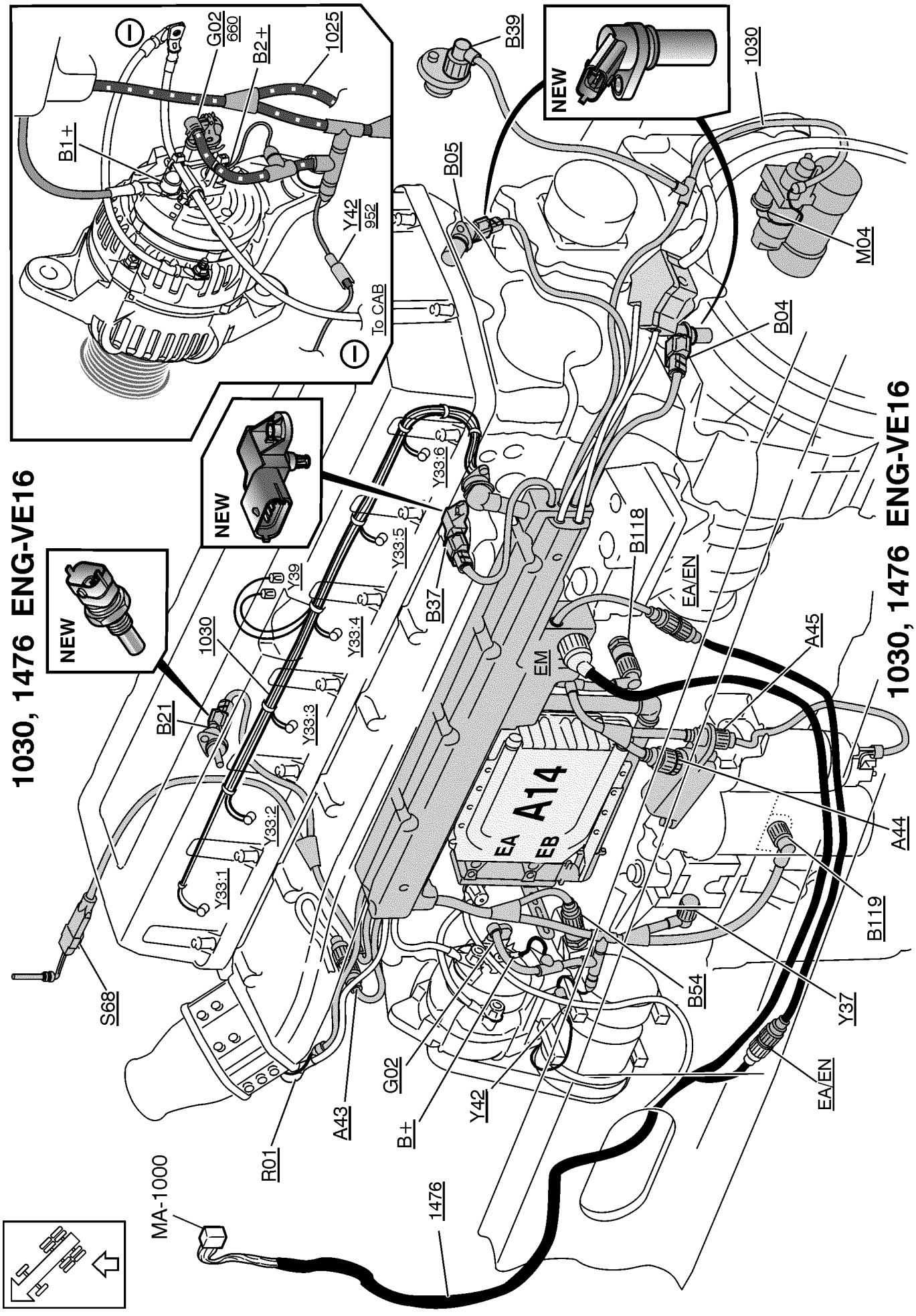
T3016956

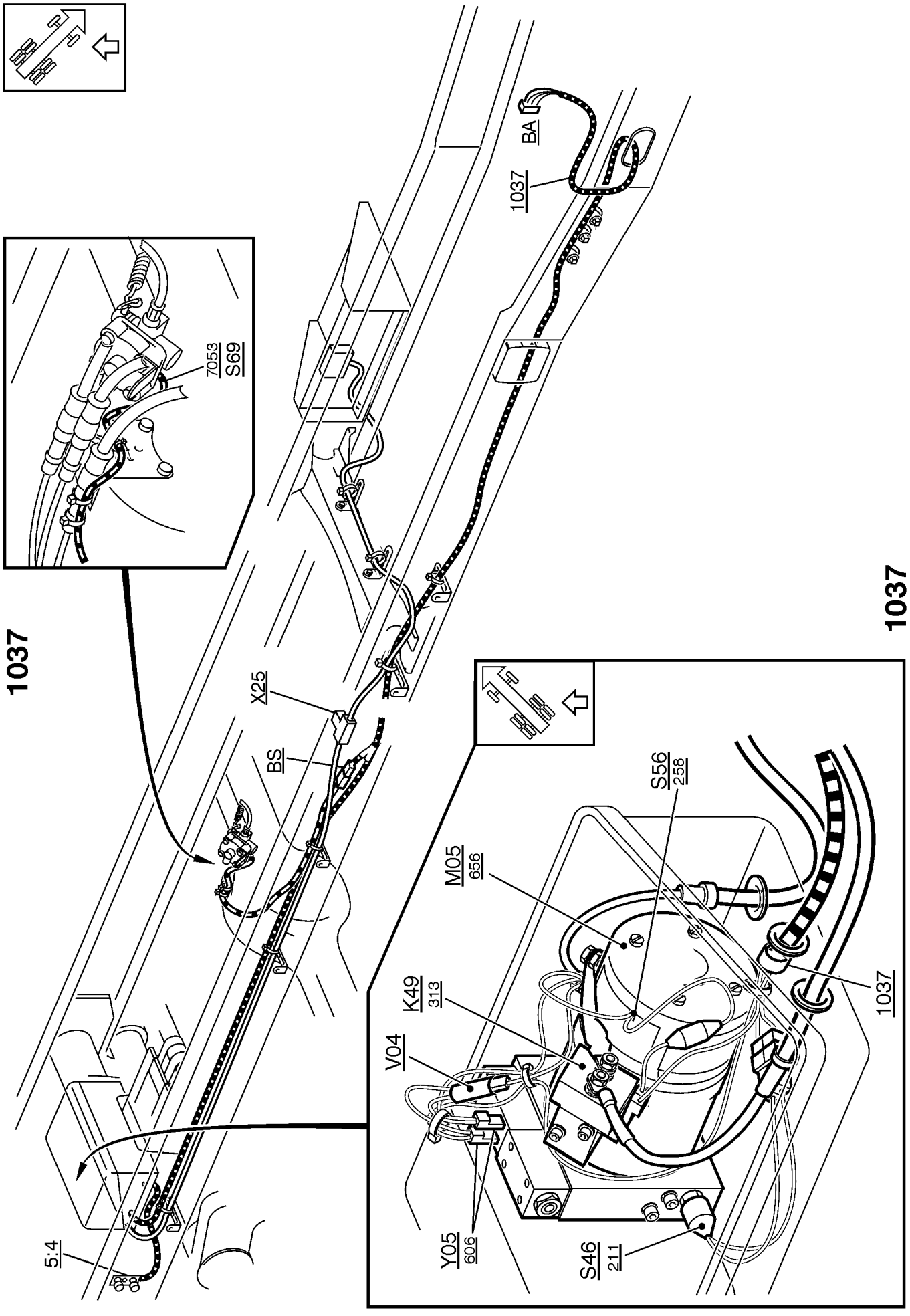

Melco-Starter
New Alternator
G02
660
B2+
952 Y42
B1+
To +50
1025
To CAB
To EA/EN
654
M04
+50
1025, 1476 ENG-VE12
1025, 1476 ENG-VE12
+50
MA
EM-1030
1025
1476
EA/EN-1025
1476
T3017723

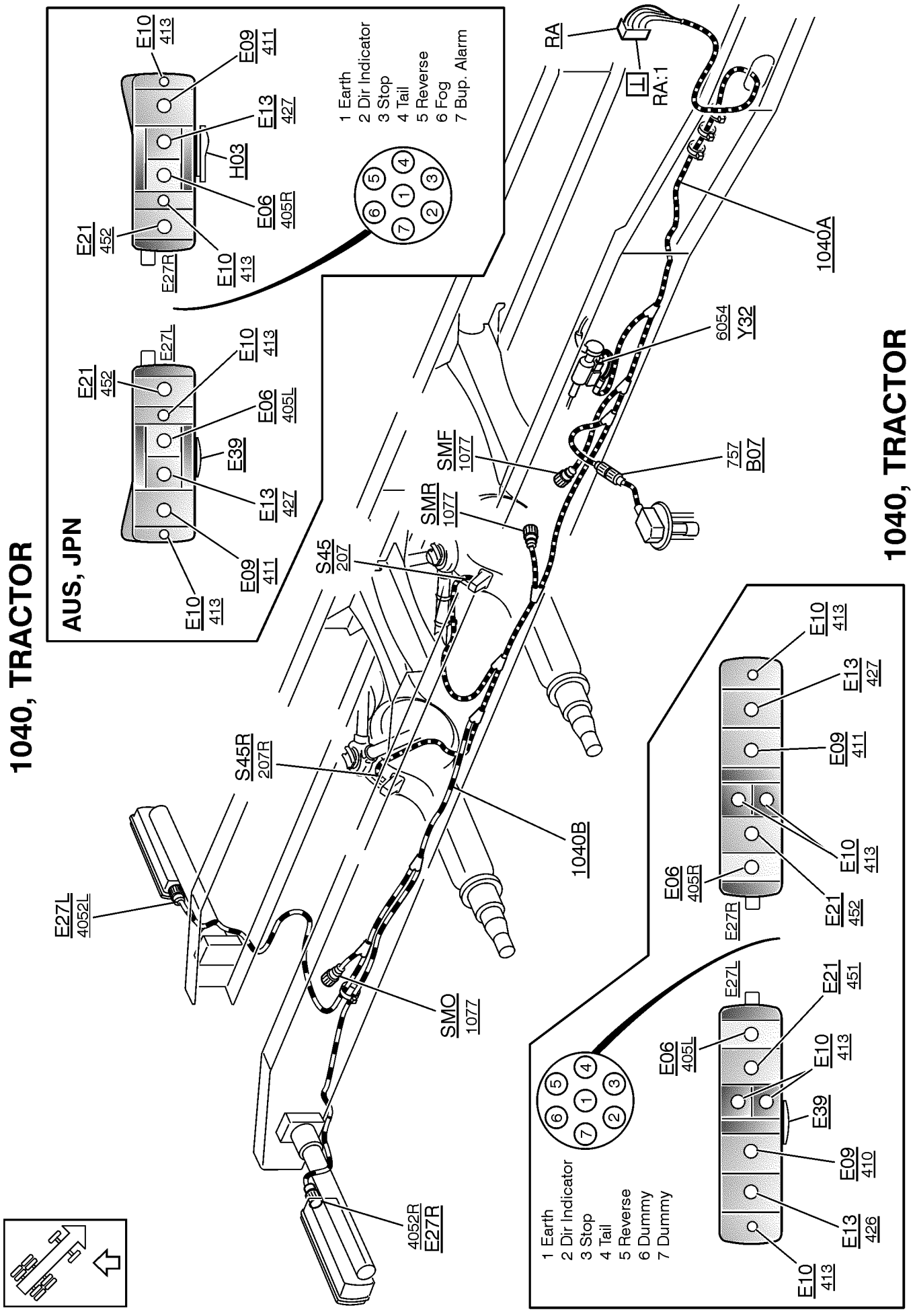

1030 ENG-VE9
1030 ENG-VE9
B39
Y33/Y39
B37
B21
B54
EM-1476
B05
B37
B04
EA
EB
A14
Y37
A45
A44
MP1
A43
R01
B10
S68
B38
Y33:5
Y33:6
Y39
B05
B04

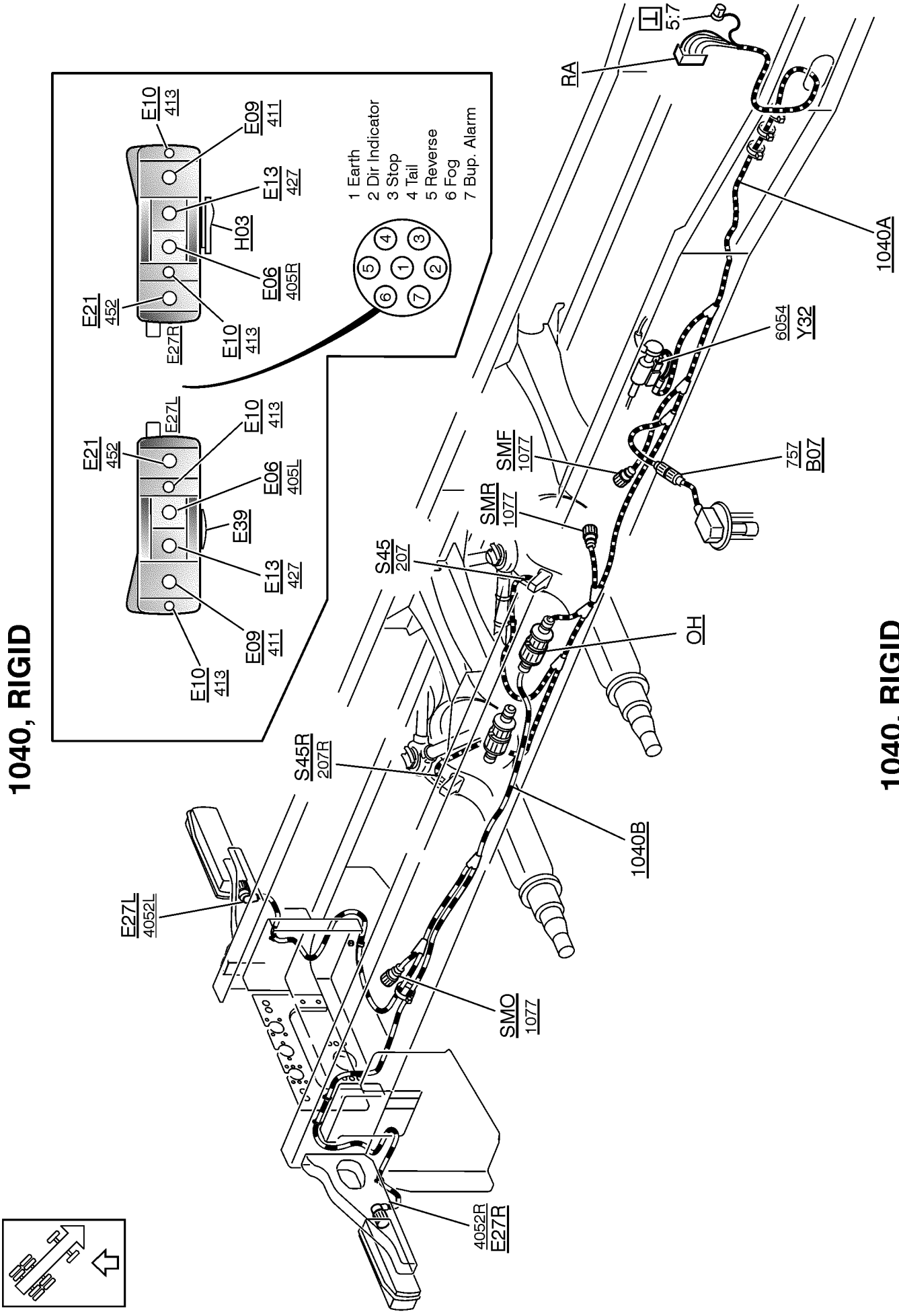
T3016959

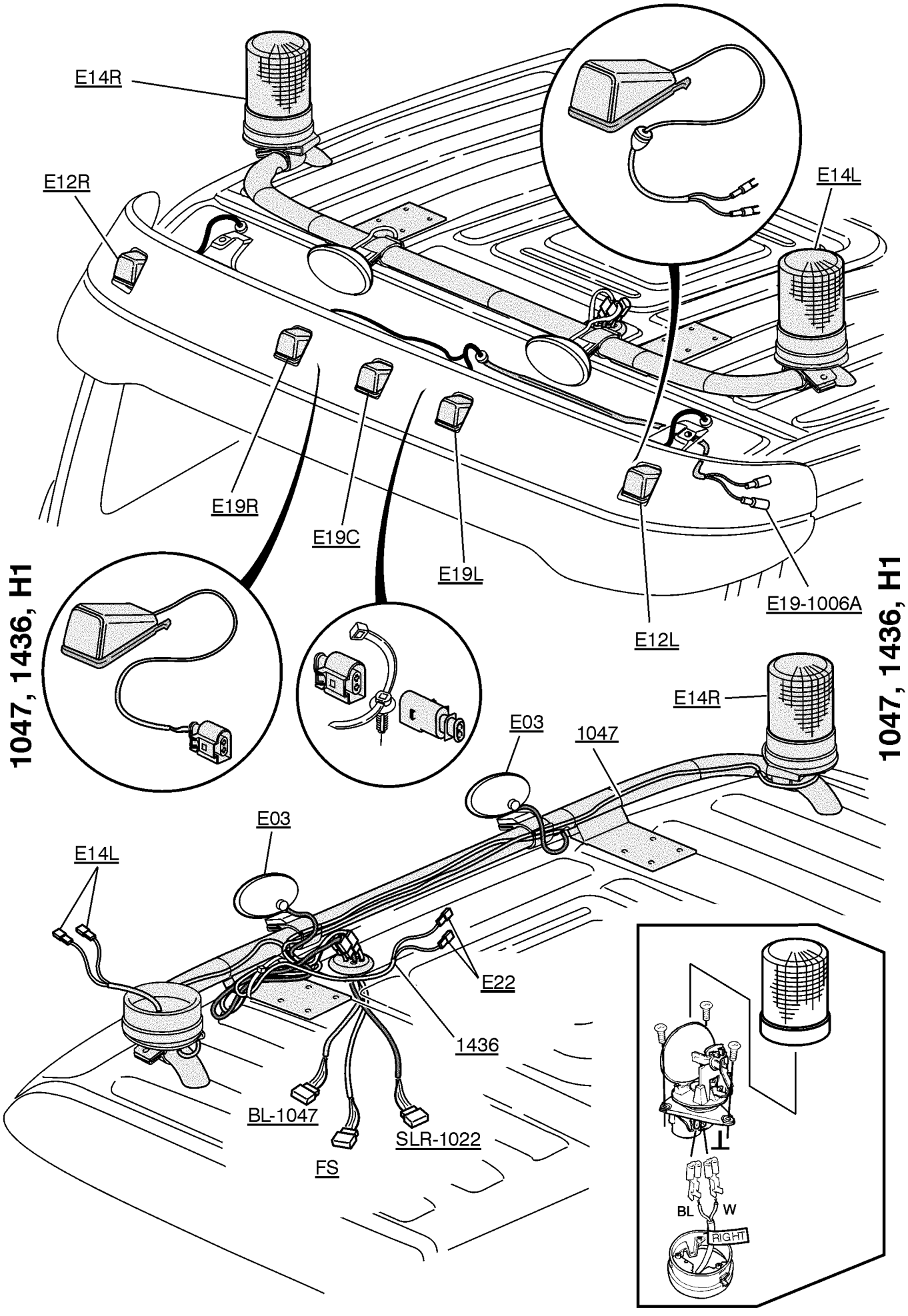

1030 ENG-VE12
1030 ENG-VE12
NEW
B39
B21
B04
B37
B05
B04
EM-1476
A45
Y37
B51
B119
Y33:6
Y33:5
Y33:4
Y33:3
Y33:2
Y33:1
Y39
R01
B54
B118
A43
B05
S68
EA
EB
A14


1030, 1476 ENG-VE16
1030, 1476 ENG-VE16
NEW
NEW
NEW
B1+
B2+
G02
660
1025
Y42
952
To CAB
B39
1030
B05
M04
B04
Y33:6
Y33:5
Y33:4
Y33:3
Y33:2
Y33:1
Y39
B37
B118
EA/EN
A45
1030
B21
EM
A14
EA
EB
A44
B119
B54
Y37
EA/EN
S68
A43
G02
B+
Y42
R01
MA-1000
1476
T3017726

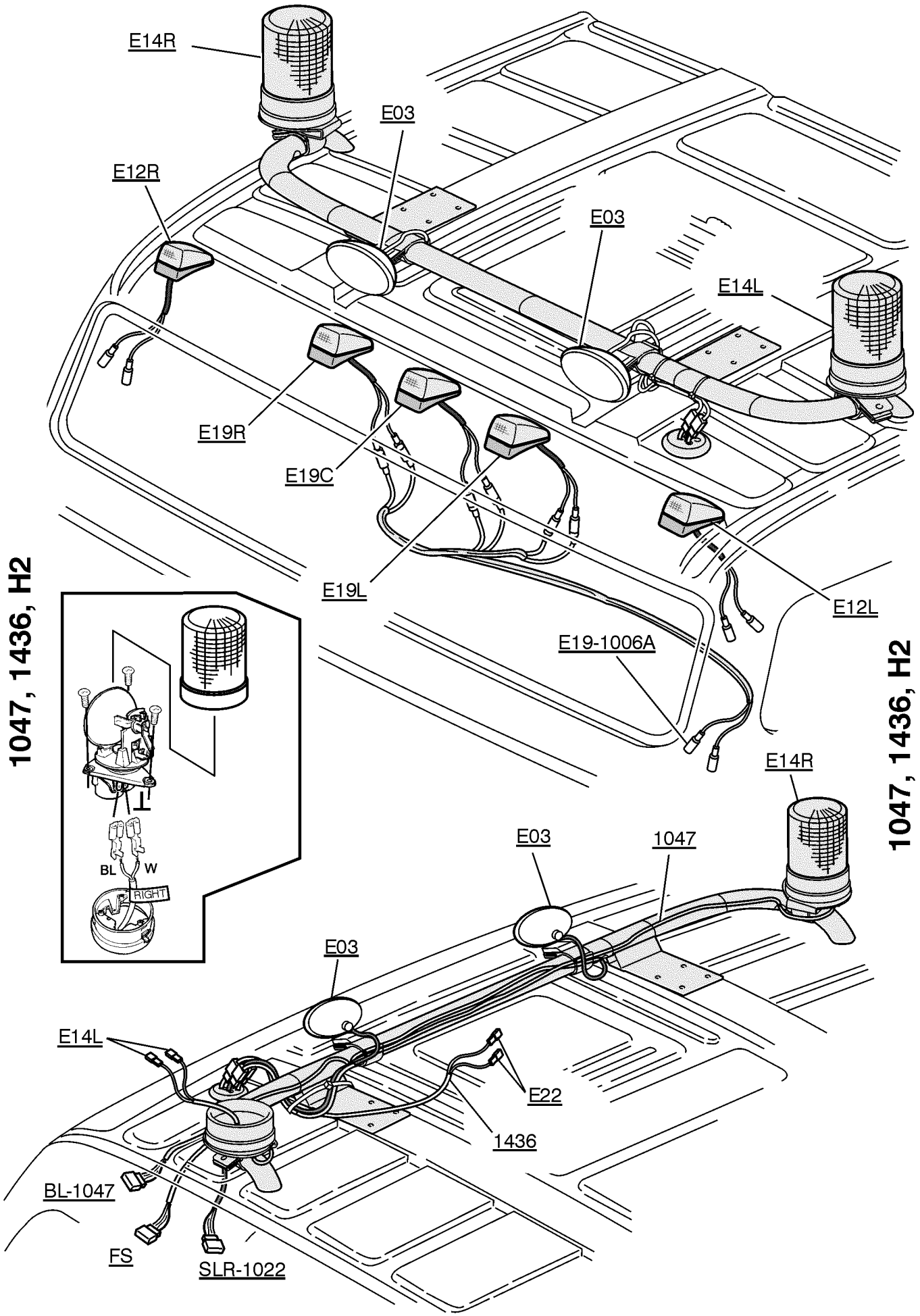

1037
7053
S69
1037
BA
X25
BS
5:4
1037
S56
258
M05
656
K49
313
V04
Y05
606
S46
211
1037

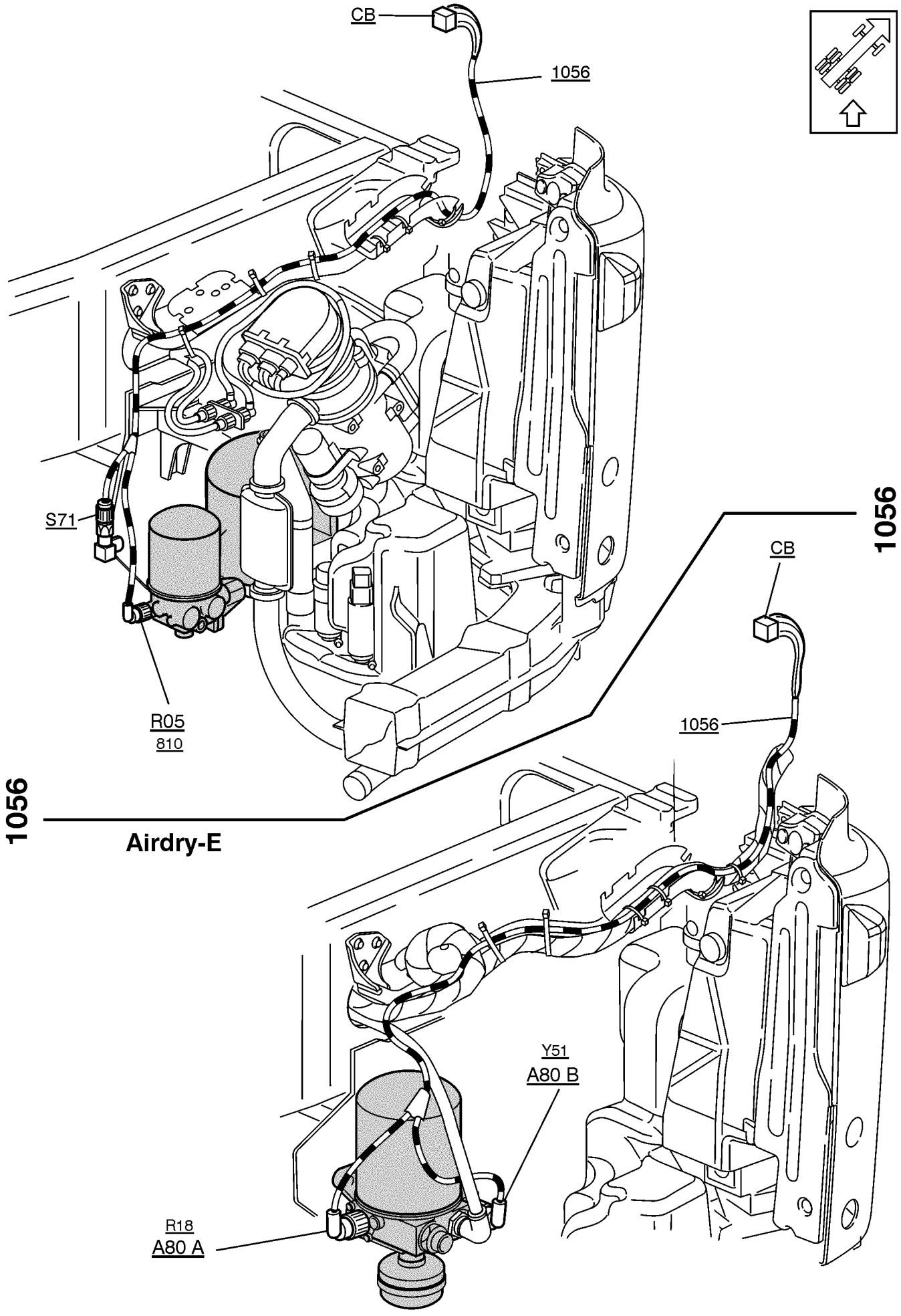

1040, TRACTOR
AUS, JPN
1 Earth
2 Dir Indicator
3 Stop
4 Tail
5 Reverse
6 Fog
7 Bup. Alarm
E10 413
E09 411
E13 427
H03
E06 405R
E21 452
E27R
E27L
E39
E06 405L
RA
RA:1
1040A
6054 Y32
757 B07
SMF 1077
SMR 1077
S45 207
S45R 207R
1040B
E27L 4052L
SMO 1077
4052R E27R
1040, TRACTOR
E21 451
E13 426
E09 410
1 Earth
2 Dir Indicator
3 Stop
4 Tail
5 Reverse
6 Dummy
7 Dummy
T3017727


1040, RIGID
1040, RIGID
1 Earth
2 Dir Indicator
3 Stop
4 Tail
5 Reverse
6 Fog
7 Bup. Alarm
E10 413
E09 411
E13 427
H03
E06 405R
E21 452
E27R
E10 413
E27L
E10 413
E21 452
E06 405L
E39
E13 427
E09 411
E10 413
RA
5:7
1040A
6054 Y32
SMF 1077
757 B07
SMR 1077
S45 207
OH
S45R 207R
1040B
E27L 4052L
SMO 1077
4052R E27R

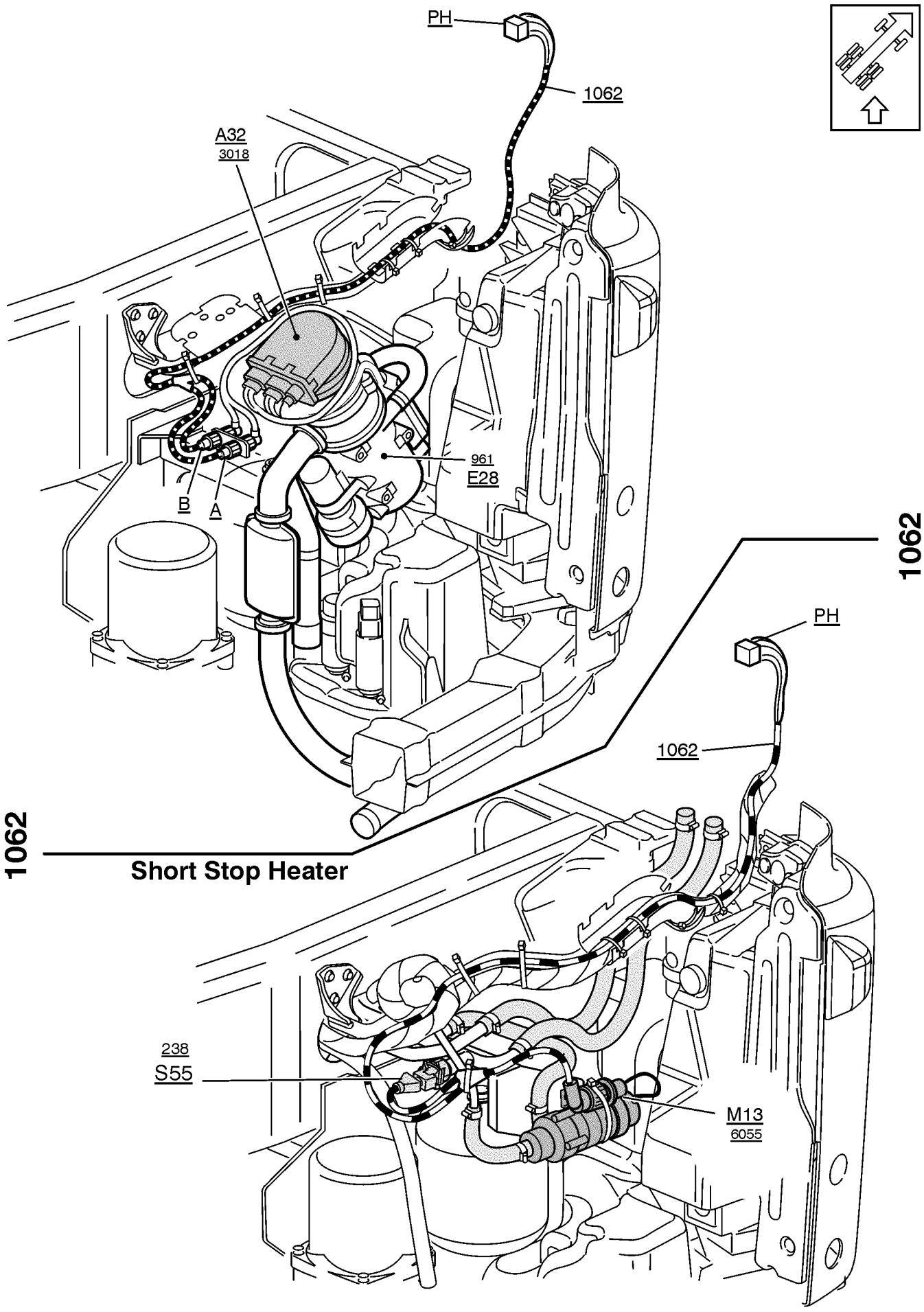

E14R
E12R
E14L
E19R
E19C
E19L
E19-1006A
E12L
1047, 1436, H1
1047, 1436, H1
E14R
E03
1047
E03
E14L
E22
1436
BL-1047
SLR-1022
FS
BL
W
RIGHT

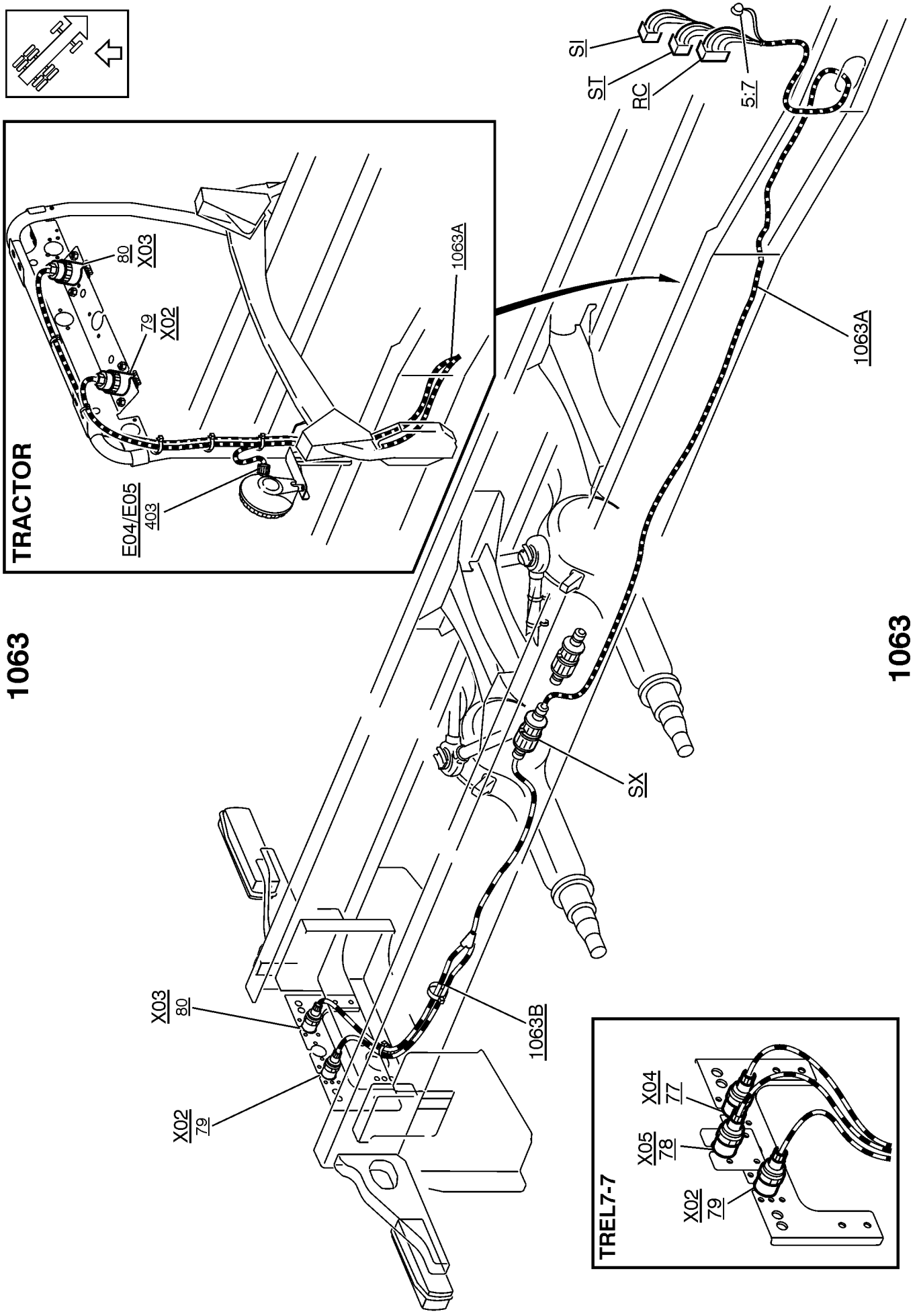
T3016405


E14R
E03
E12R
E03
E14L
E19R
E19C
E19L
E12L
E19-1006A
1047, 1436, H2
1047, 1436, H2
BL
W
RIGHT
E14R
E03
1047
E03
E14L
E22
1436
BL-1047
FS
SLR-1022

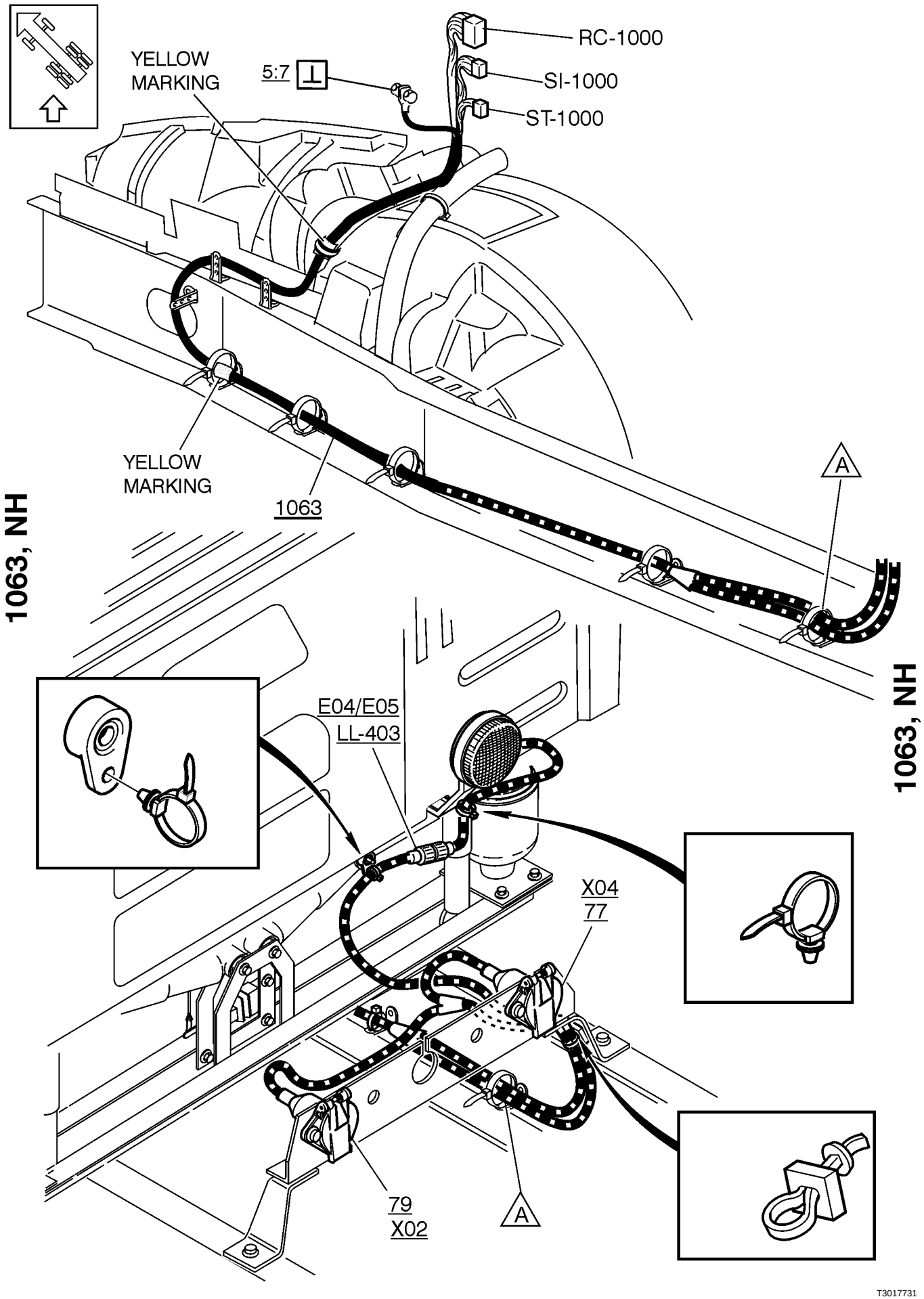

CB
1056
S71
R05
810
1056
1056
CB
1056
Airdry-E
Y51
A80 B
R18
A80 A

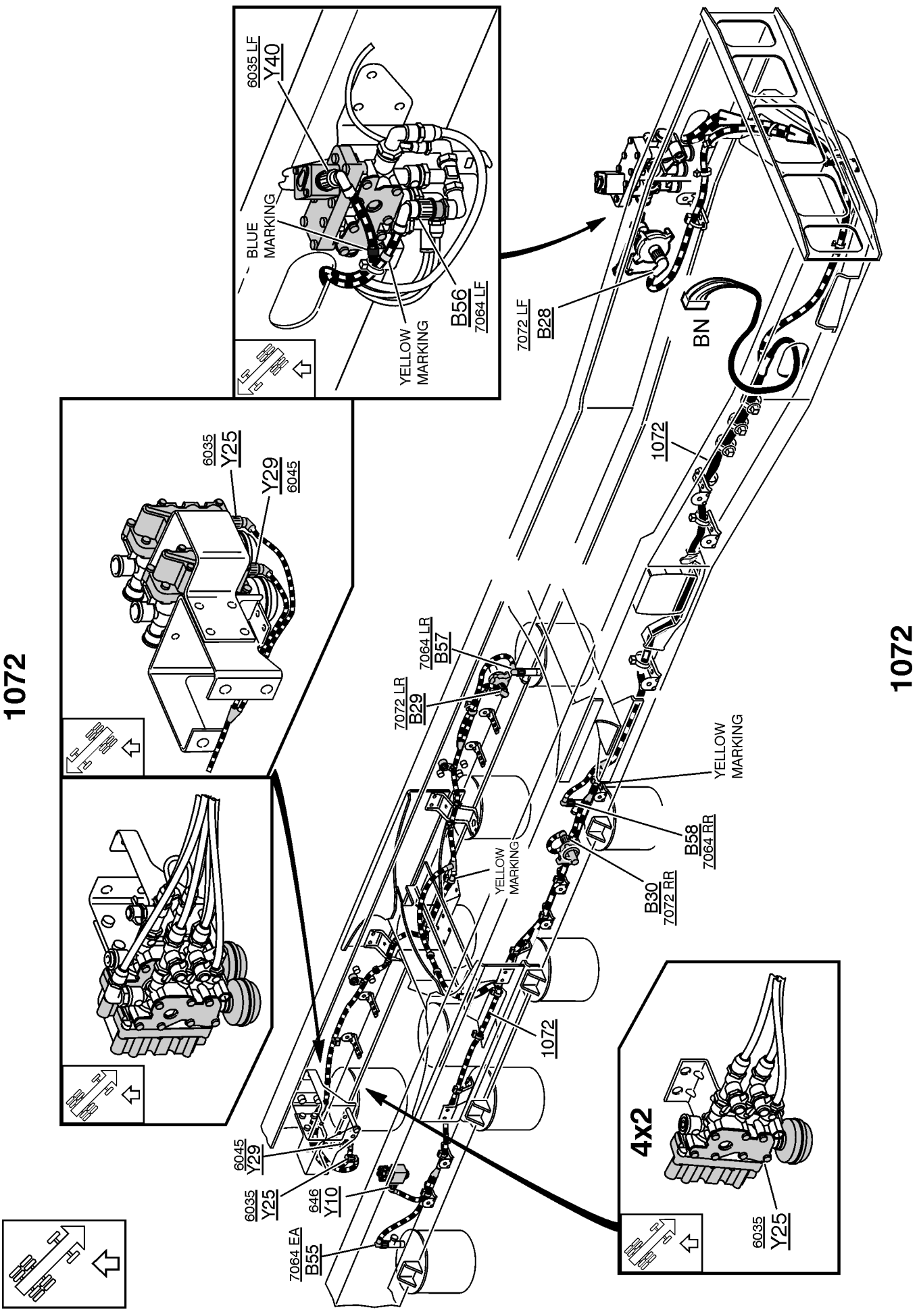
T3016962

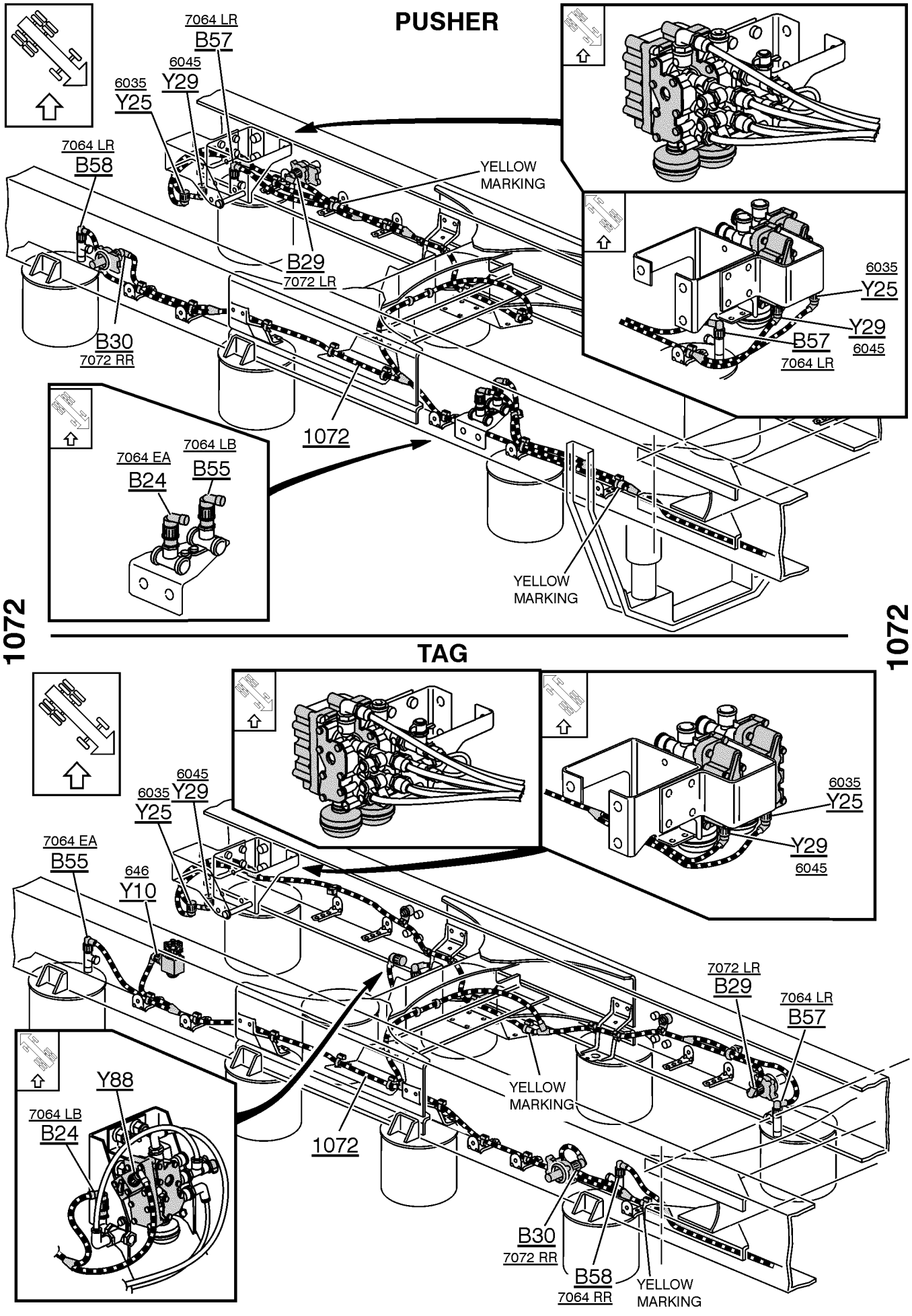

PH
1062
A32
3018
961
E28
B
A
1062
PH
1062
1062
Short Stop Heater
238
S55
M13
6055

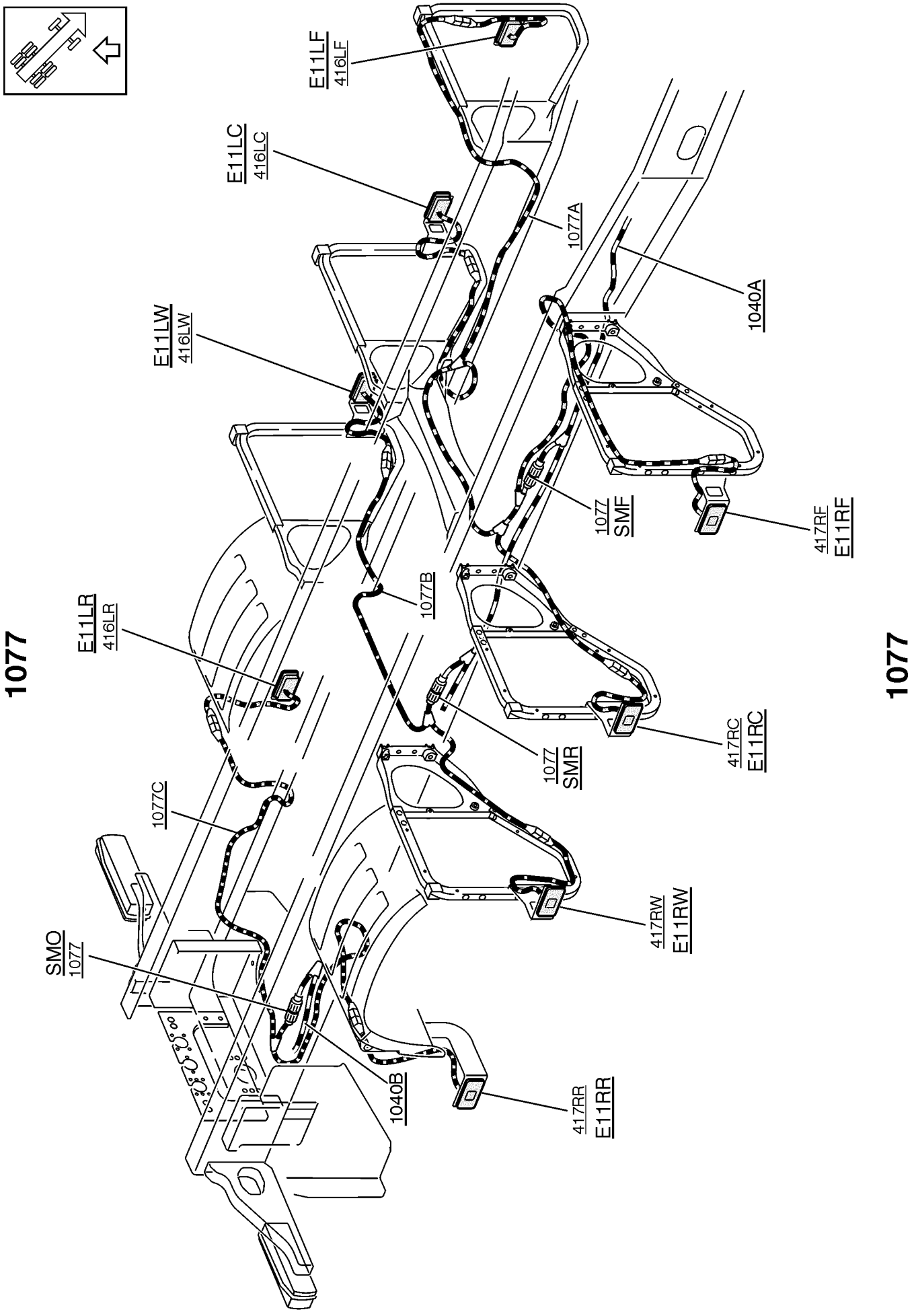

1063
TRACTOR
80
X03
79
X02
E04/E05
403
1063A
SI
ST
RC
5:7
1063A
SX
1063
X03
80
X02
79
1063B
TREL7-7
X04
77
X05
78
X02
79

T3018306

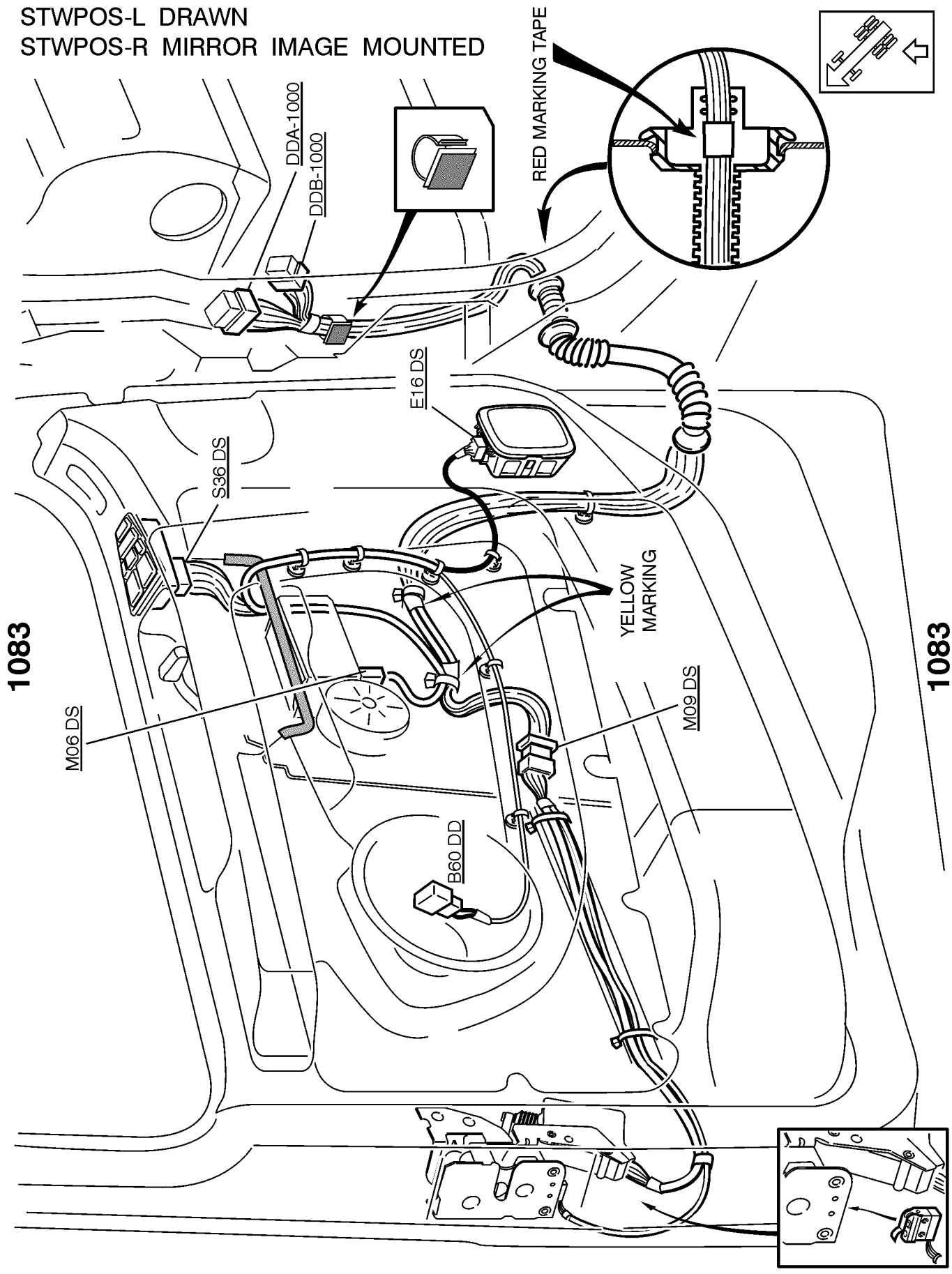

RC-1000
SI-1000
ST-1000
YELLOW MARKING
5:7
YELLOW MARKING
1063
A
1063, NH
1063, NH
E04/E05
LL-403
X04
77
79
X02
A
T3017731


1072
6035 LF
Y40
BLUE
MARKING
YELLOW
MARKING
B56
7064 LF
7072 LF
B28
BN
1072
6035
Y25
6045
Y29
7064 LR
B57
7072 LR
B29
YELLOW
MARKING
B58
7064 RR
B30
7072 RR
YELLOW
MARKING
1072
4x2
6035
Y25
6045
Y29
6035
Y25
646
Y10
7064 EA
B55
1072
T3018307

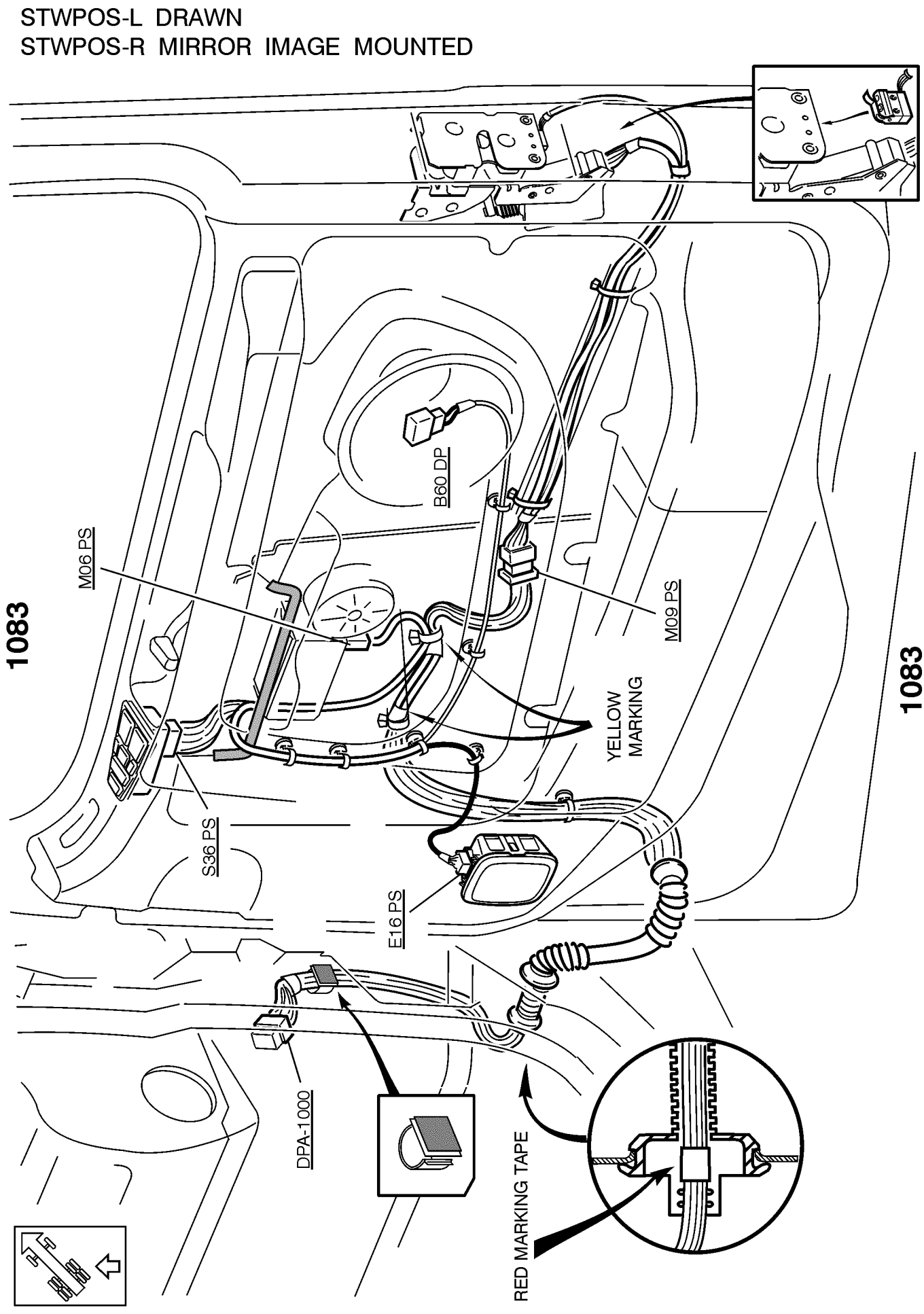

PUSHER
7064 LR
B57
6045
Y29
6035
Y25
7064 LR
B58
YELLOW
MARKING
B29
7072 LR
B30
7072 RR
1072
6035
Y25
Y29
6045
B57
7064 LR
7064 EA
B24
7064 LB
B55
YELLOW
MARKING
1072
1072
TAG
6045
6035
Y29
Y25
7064 EA
B55
646
Y10
6035
Y25
Y29
6045
7072 LR
B29
7064 LR
B57
Y88
7064 LB
B24
YELLOW
MARKING
1072
B30
7072 RR
B58
7064 RR
YELLOW
MARKING

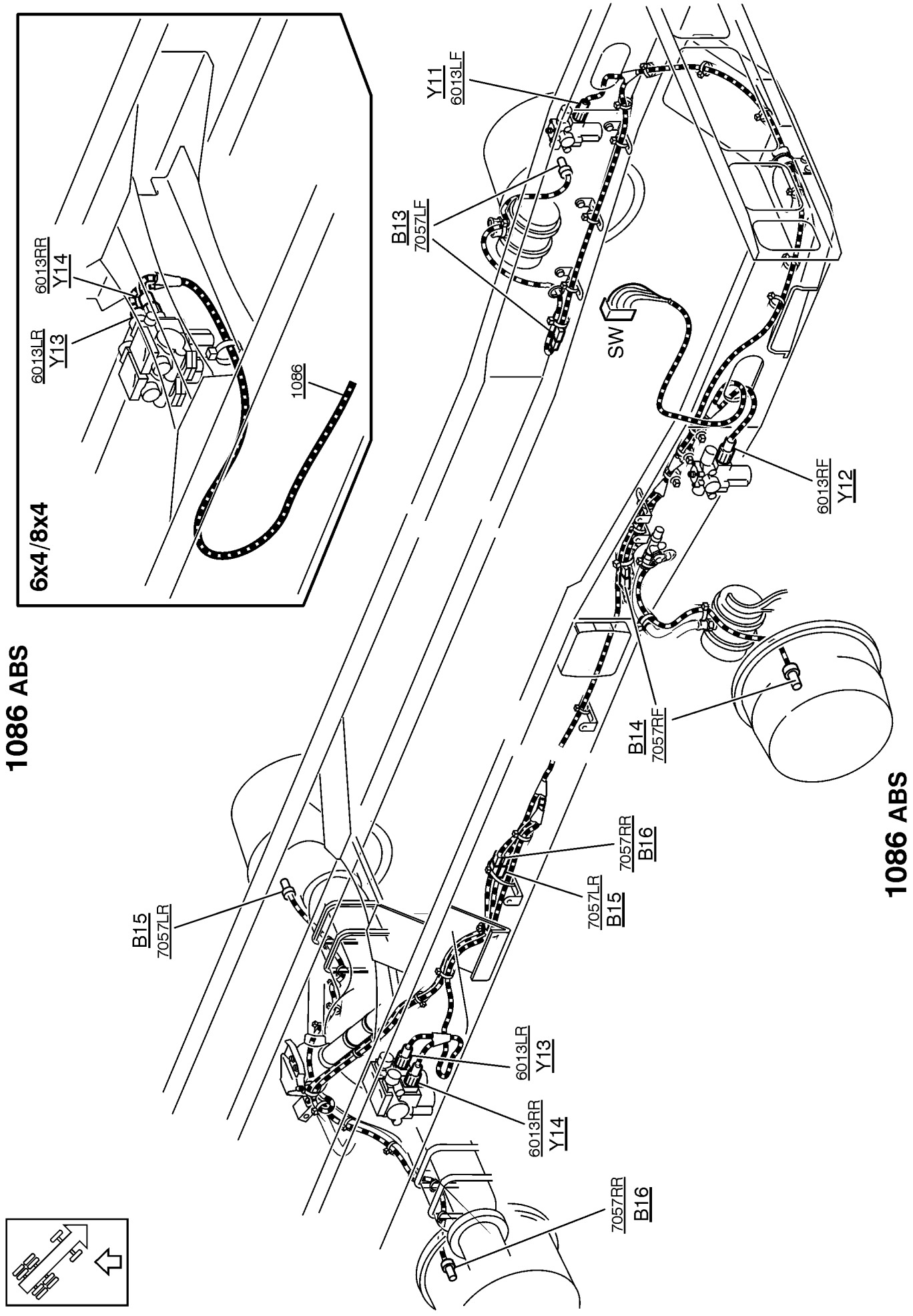

1077
E11LF
416LF
E11LC
416LC
1077A
1040A
E11LW
416LW
1077
SMF
417RF
E11RF
1077B
E11LR
416LR
417RC
E11RC
1077
SMR
1077C
417RW
E11RW
SMO
1077
1040B
417RR
E11RR
1077

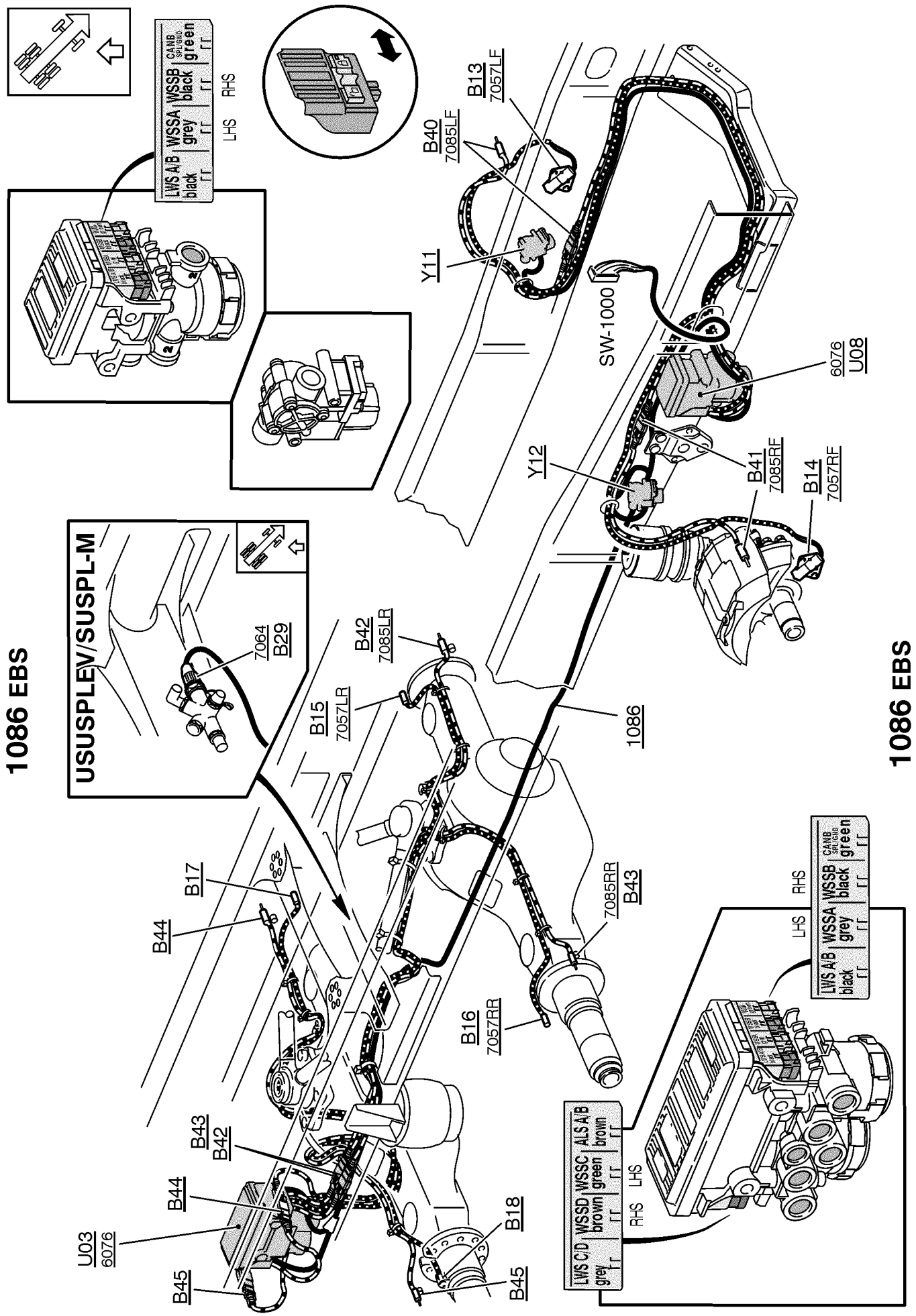
T3016409


STWPOS-L DRAWN
STWPOS-R MIRROR IMAGE MOUNTED
RED MARKING TAPE
DDA-1000
DDB-1000
E16 DS
S36 DS
YELLOW MARKING
M09 DS
M06 DS
B60 DD
1083
1083

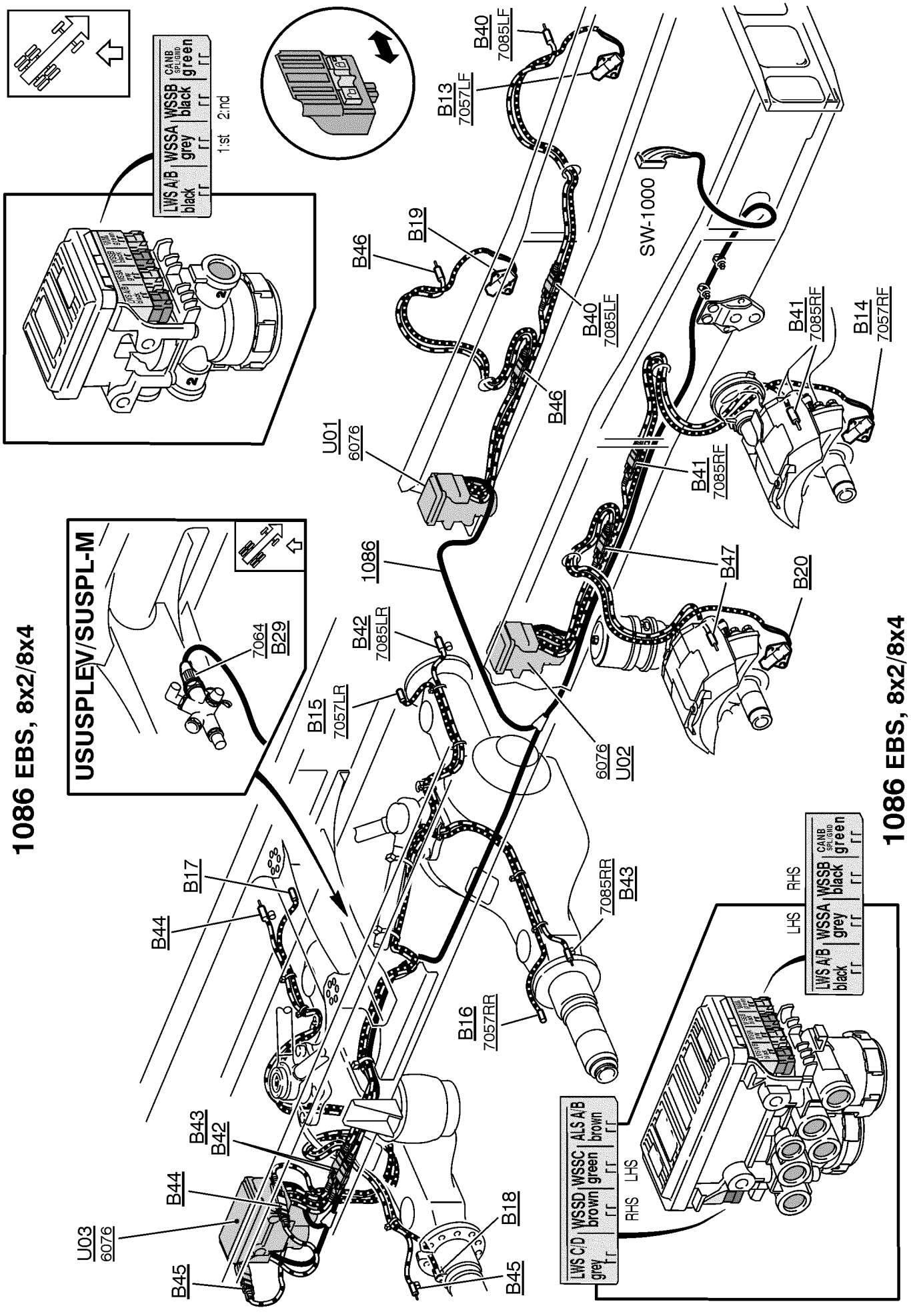
T3017732

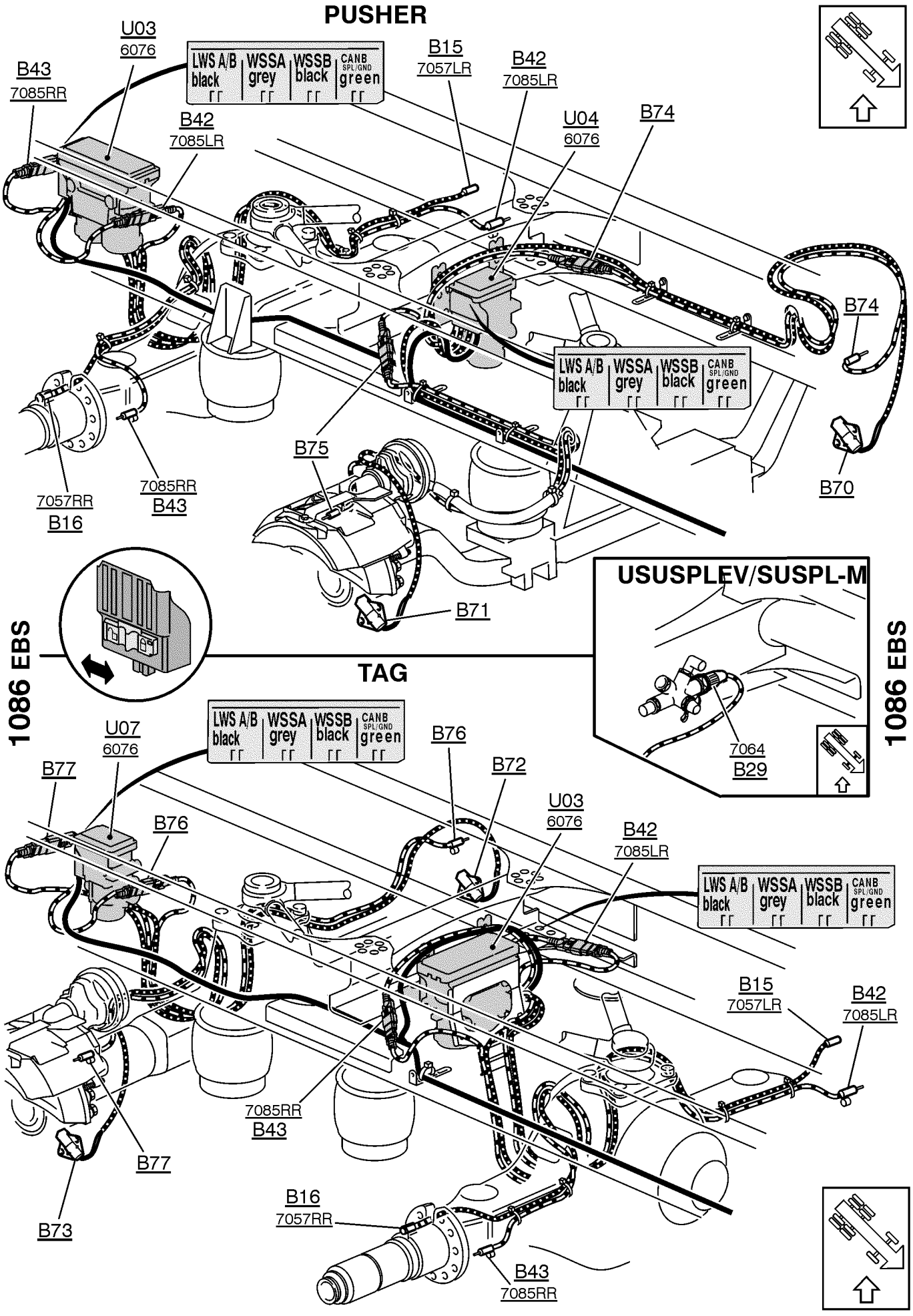

STWPOS-L DRAWN
STWPOS-R MIRROR IMAGE MOUNTED
1083
1083
M06 PS
B60 DP
M09 PS
YELLOW MARKING
S36 PS
E16 PS
DPA-1000
RED MARKING TAPE
T3017733


1086 ABS
6x4/8x4
6013RR Y14
6013LR Y13
1086
Y11 6013LF
B13 7057LF
SW
6013RF Y12
B14 7057RF
B15 7057LR
7057RR B16
7057LR B15
7057RR B16
6013LR Y13
6013RR Y14
1086 ABS

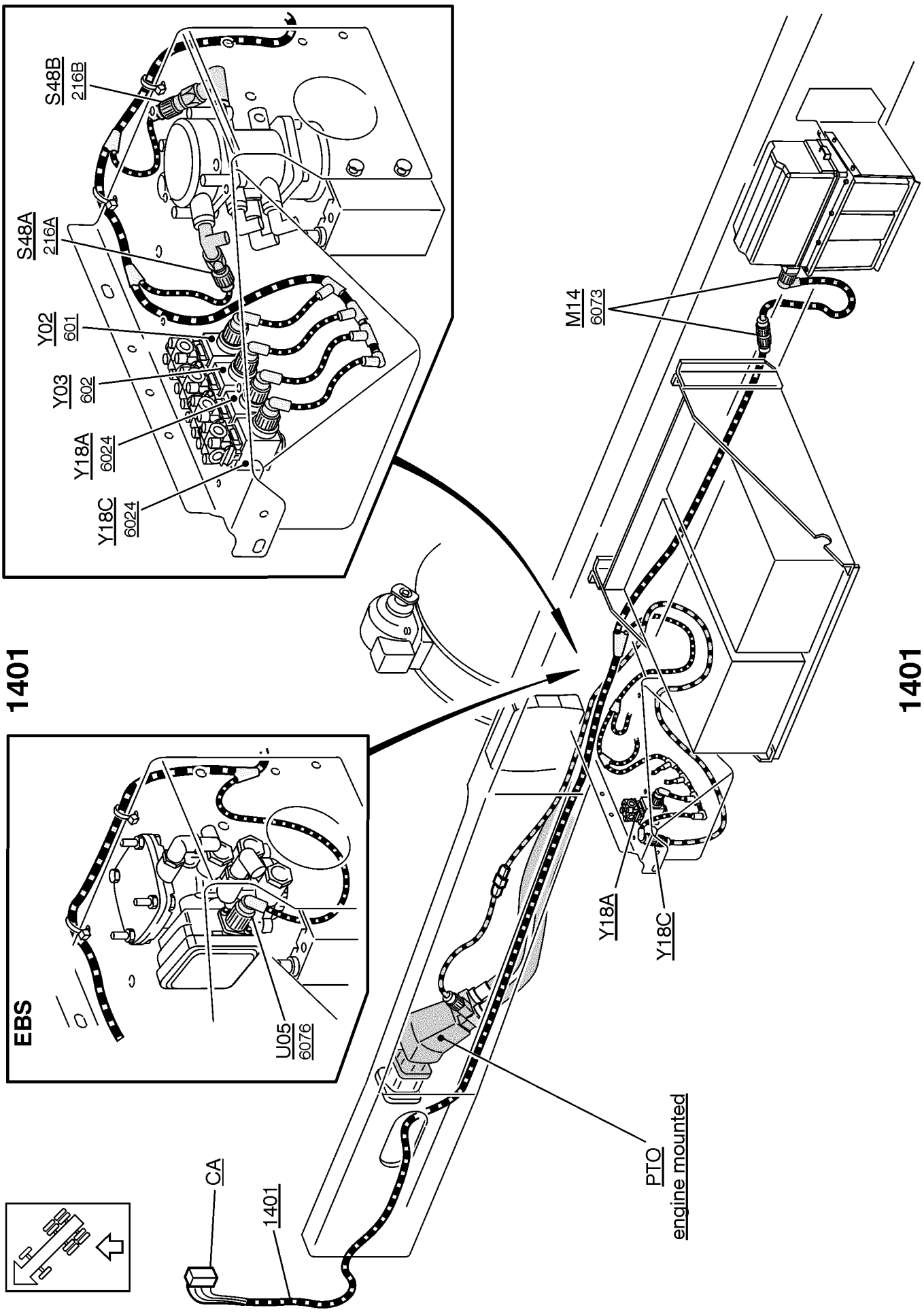

1086 EBS
USUSPLEV/SUSPL-M
7064
B29
B42
7085LR
B15
7057LR
B17
B44
B43
B42
B44
U03
6076
B45
B18
B45
B16
7057RR
7085RR
B43
1086
B40
7085LF
B13
7057LF
Y11
SW-1000
Y12
B41
7085RF
B14
7057RF
6076
U08
LWS A/B
black
WSSA
grey
WSSB
black
CAN B
green
LHS
RHS
LWS C/D
grey
WSSD
brown
WSSC
green
ALS A/B
brown
1086 EBS

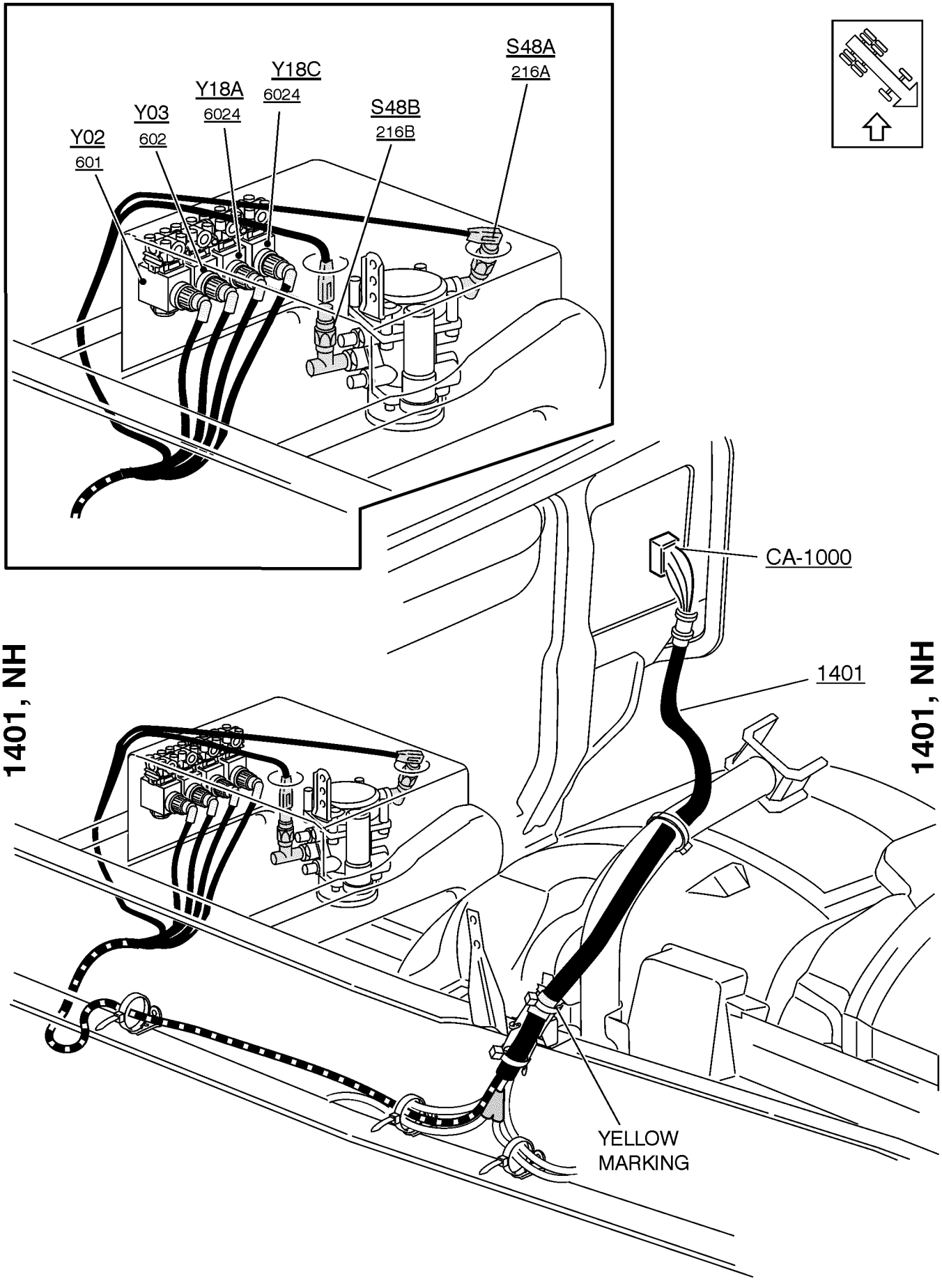
T3017734

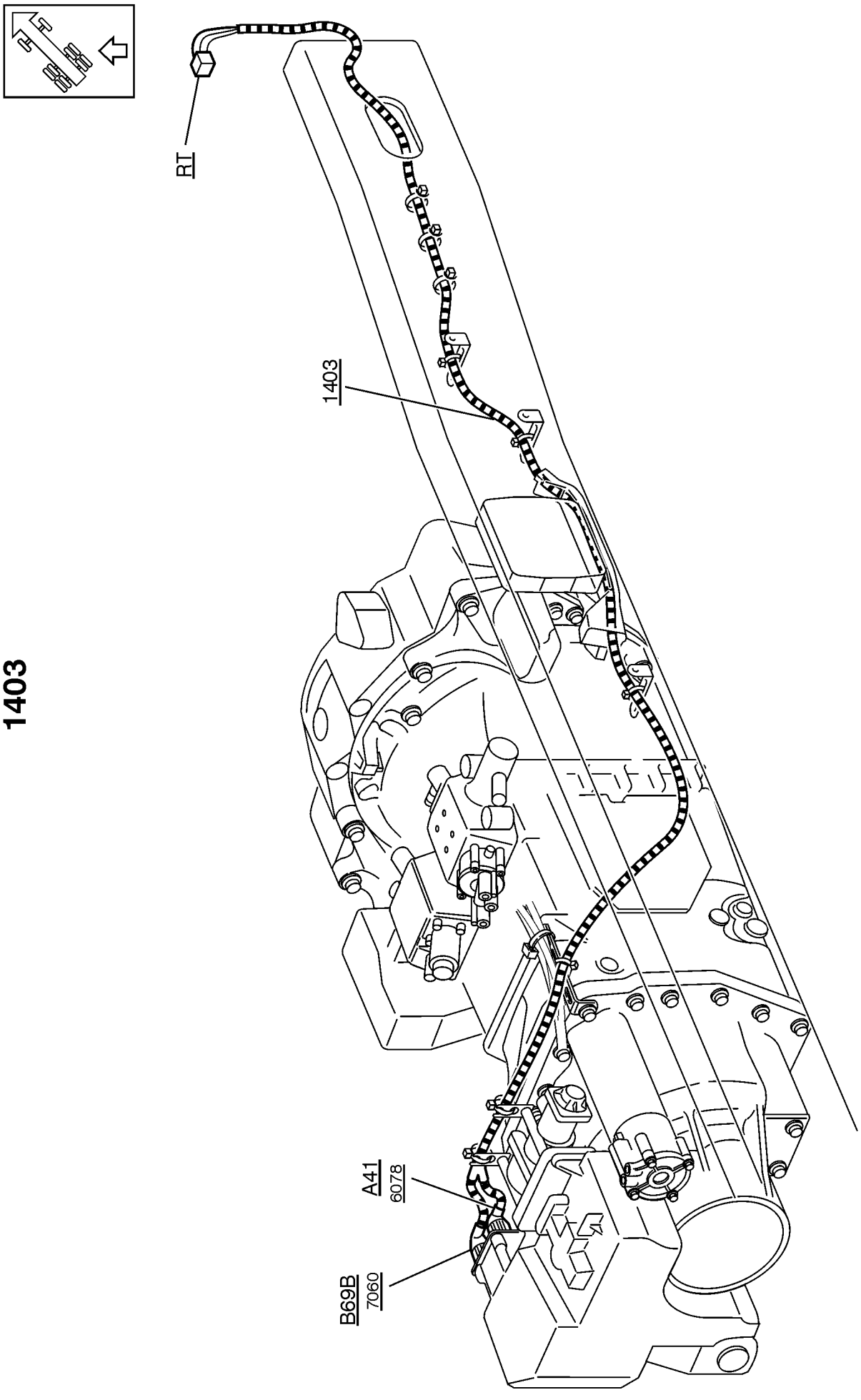

1086 EBS, 8x2/8x4
USUSPLEV/SUSPL-M
7064 B29
LWS A/B black rr
WSSA grey rr
WSSB black rr
CAN B SPL/GND green rr
1:st 2:nd
B40 7085LF
B13 7057LF
B19
B46
SW-1000
B41 7085RF
B14 7057RF
U01 6076
1086
B42 7085LR
B15 7057LR
B47
B20
6076 U02
B17
B44
B43
B42
U03 6076
B45
B18
B16 7057RR
7085RR B43
LWS C/D grey rr
WSSD brown rr
WSSC green rr
ALS A/B brown rr
RHS LHS
1086 EBS, 8x2/8x4

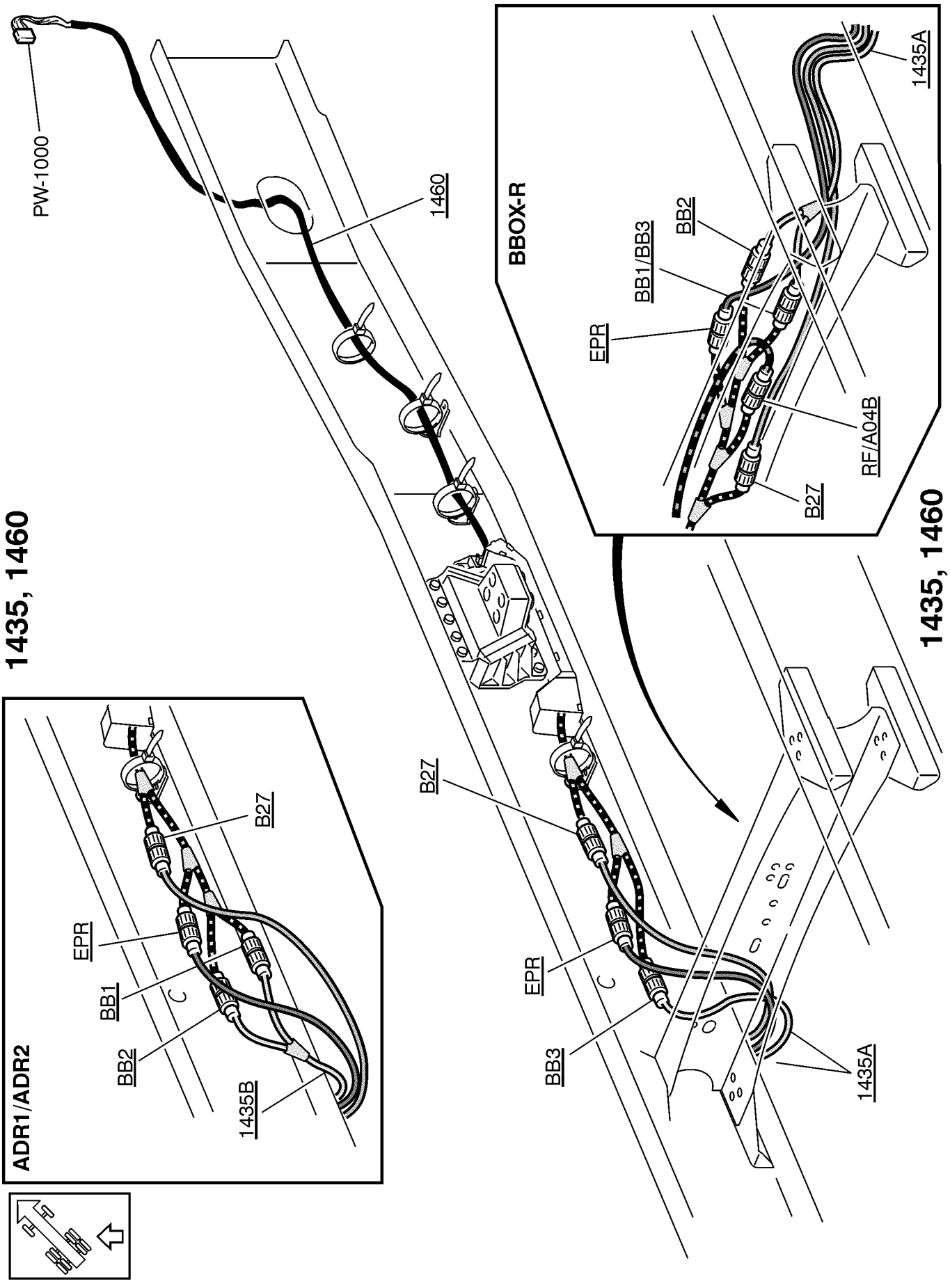

PUSHER
U03
6076
B43
7085RR
LWS A/B black
WSSA grey
WSSB black
CANB SPL/GND green
B15
7057LR
B42
7085LR
B42
7085LR
U04
6076
B74
B74
B75
7057RR
B16
7085RR
B43
B70
B71
1086 EBS
TAG
USUSPLEV/SUSPL-M
7064
B29
1086 EBS
U07
6076
B77
LWS A/B black
WSSA grey
WSSB black
CANB SPL/GND green
B76
B72
U03
6076
B76
B42
7085LR
B15
7057LR
B42
7085LR
7085RR
B43
B77
B73
B16
7057RR
B43
7085RR

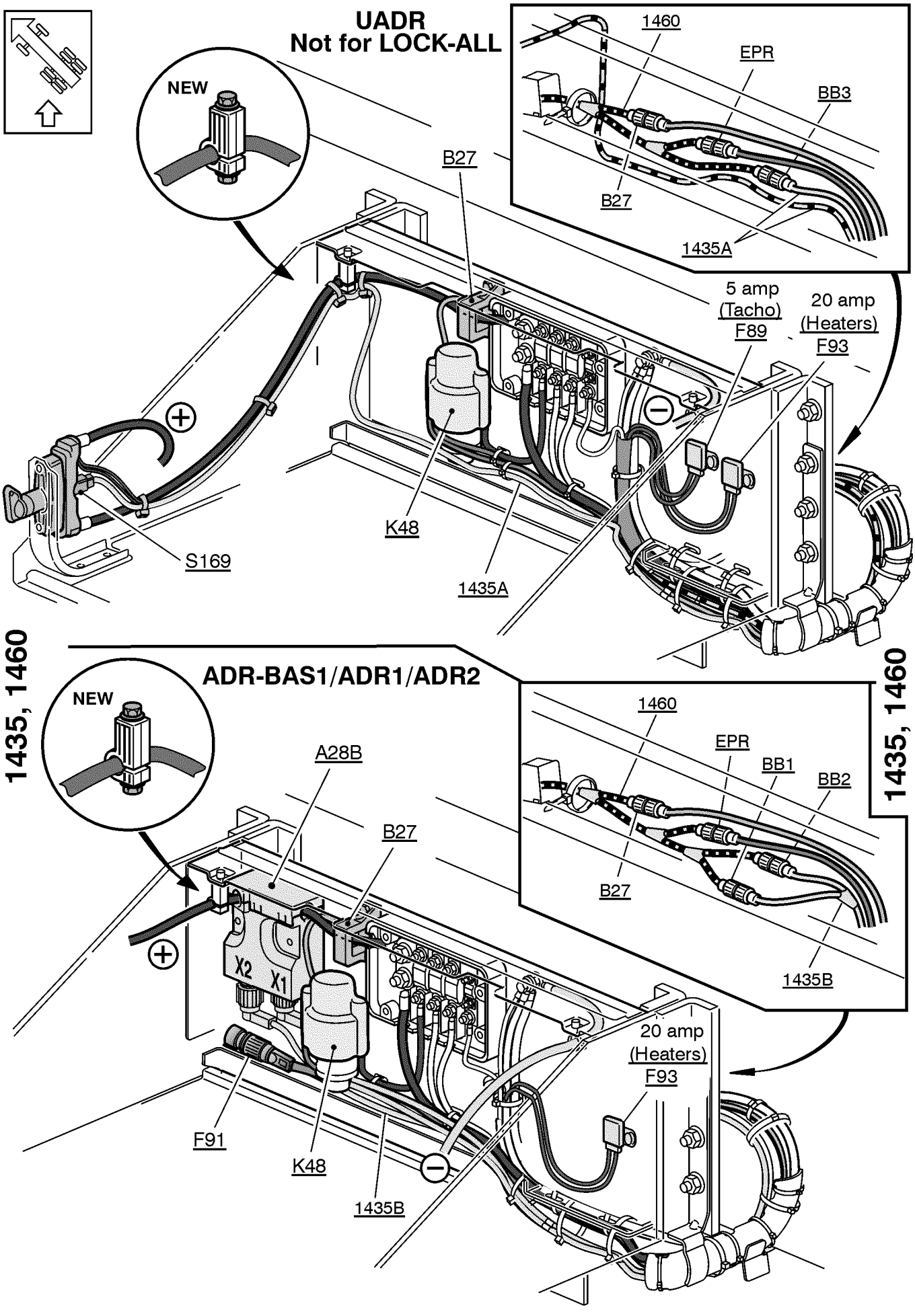
T3016968

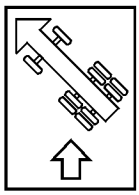

S48B 216B
S48A 216A
Y02 601
Y03 602
Y18A 6024
Y18C 6024
EBS
U05 6076
1401
1401
M14 6073
Y18A
Y18C
CA
1401
PTO engine mounted


Y02
601
Y03
602
Y18A
6024
Y18C
6024
S48B
216B
S48A
216A
CA-1000
1401
1401, NH
1401, NH
YELLOW
MARKING
T3016970


RT
1403
A41
6078
B69B
7060
1403
1403


1435, 1460
PW-1000
1460
B27
EPR
BB1
BB2
1435B
ADR1/ADR2
BBOX-R
BB1/BB3
BB2
EPR
RF/A04B
B27
1435A
1435, 1460
EPR
BB3
1435A
T3018742

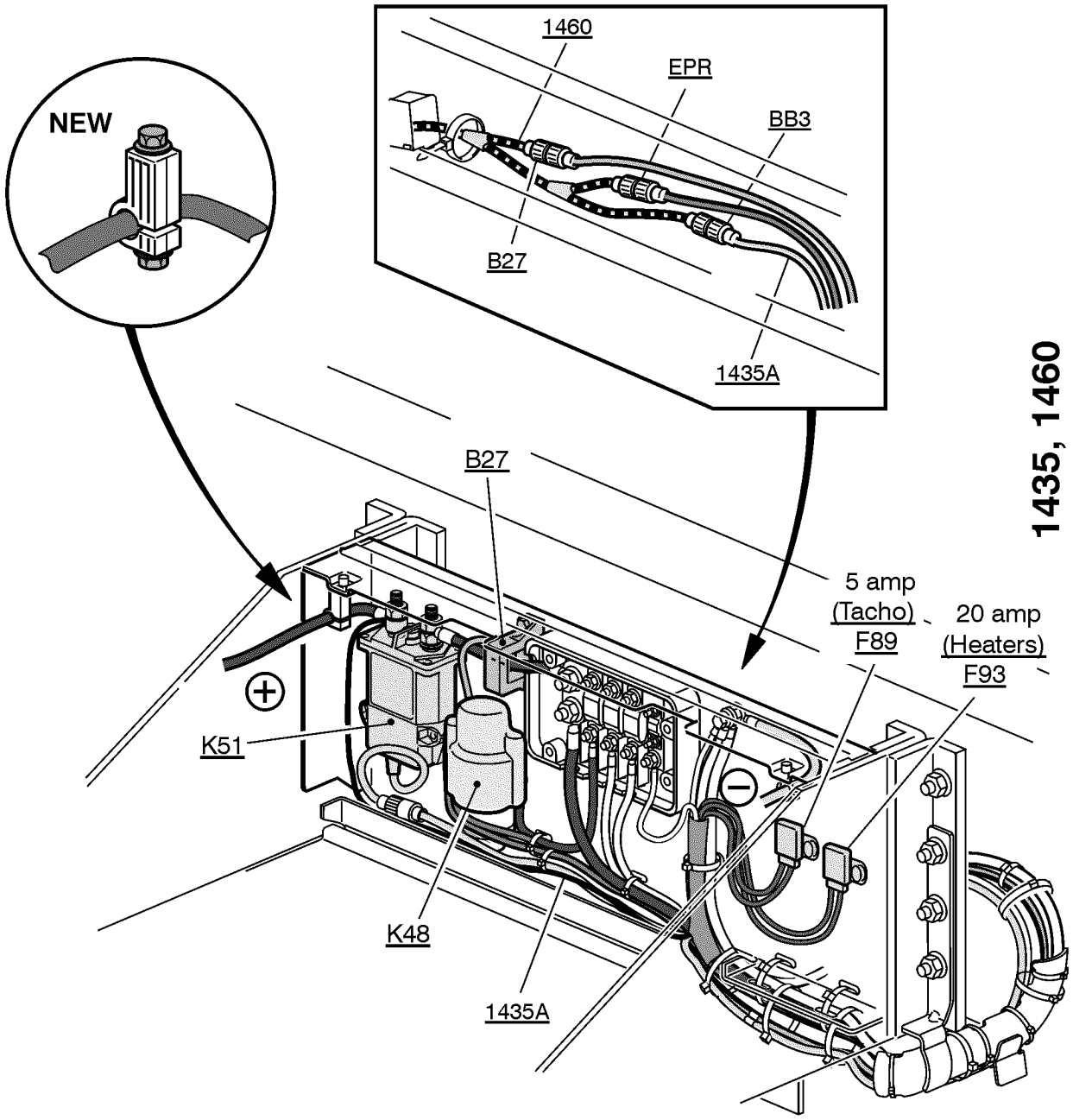

UADR
Not for LOCK-ALL
NEW
1460
EPR
BB3
B27
1435A
5 amp
(Tacho)
F89
20 amp
(Heaters)
F93
K48
S169
1435, 1460
ADR-BAS1/ADR1/ADR2
NEW
A28B
B27
1460
EPR
BB1
BB2
1435B
X2
X1
20 amp
(Heaters)
F93
F91
K48
1435B



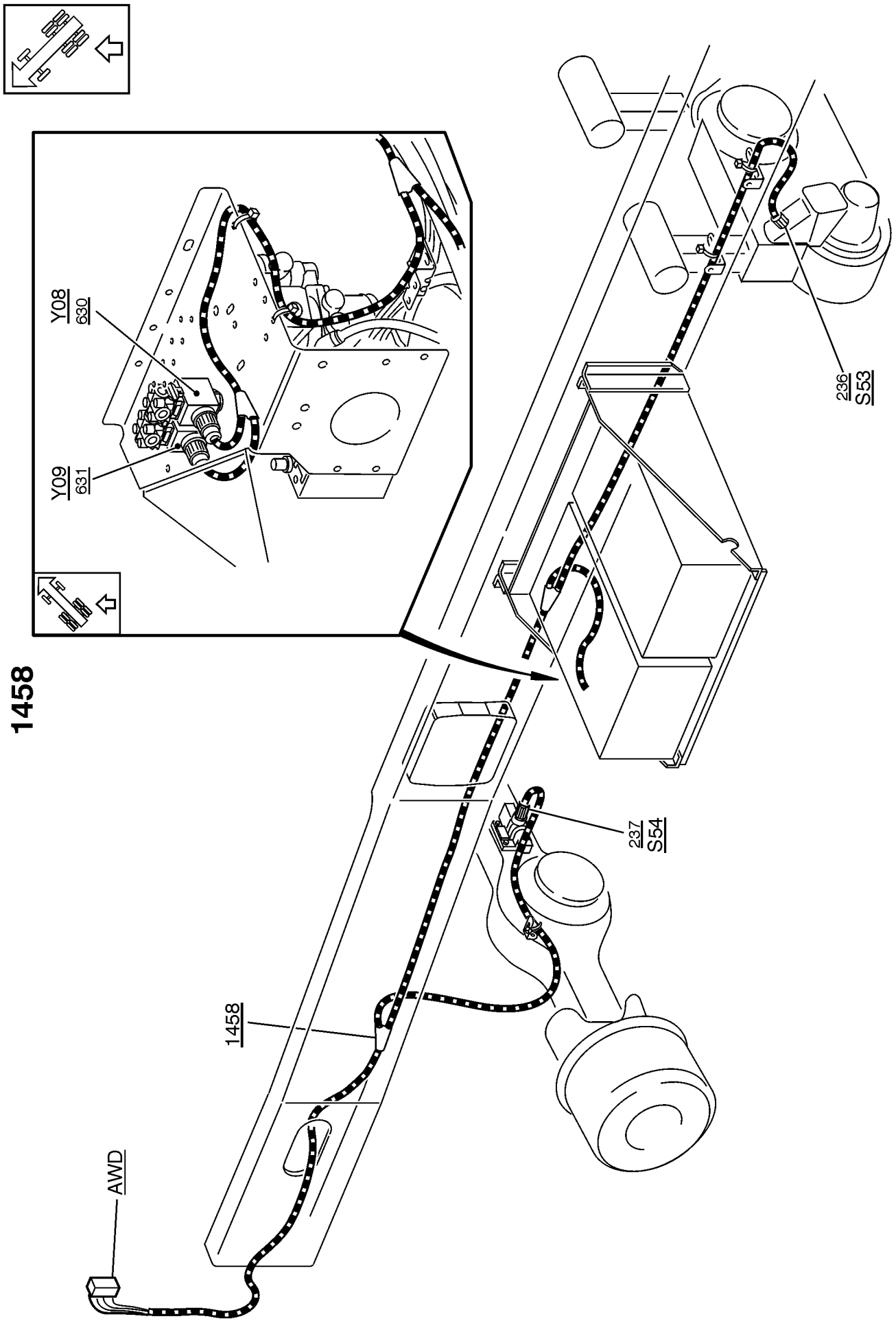
MAINSWI, LOCK-ALL

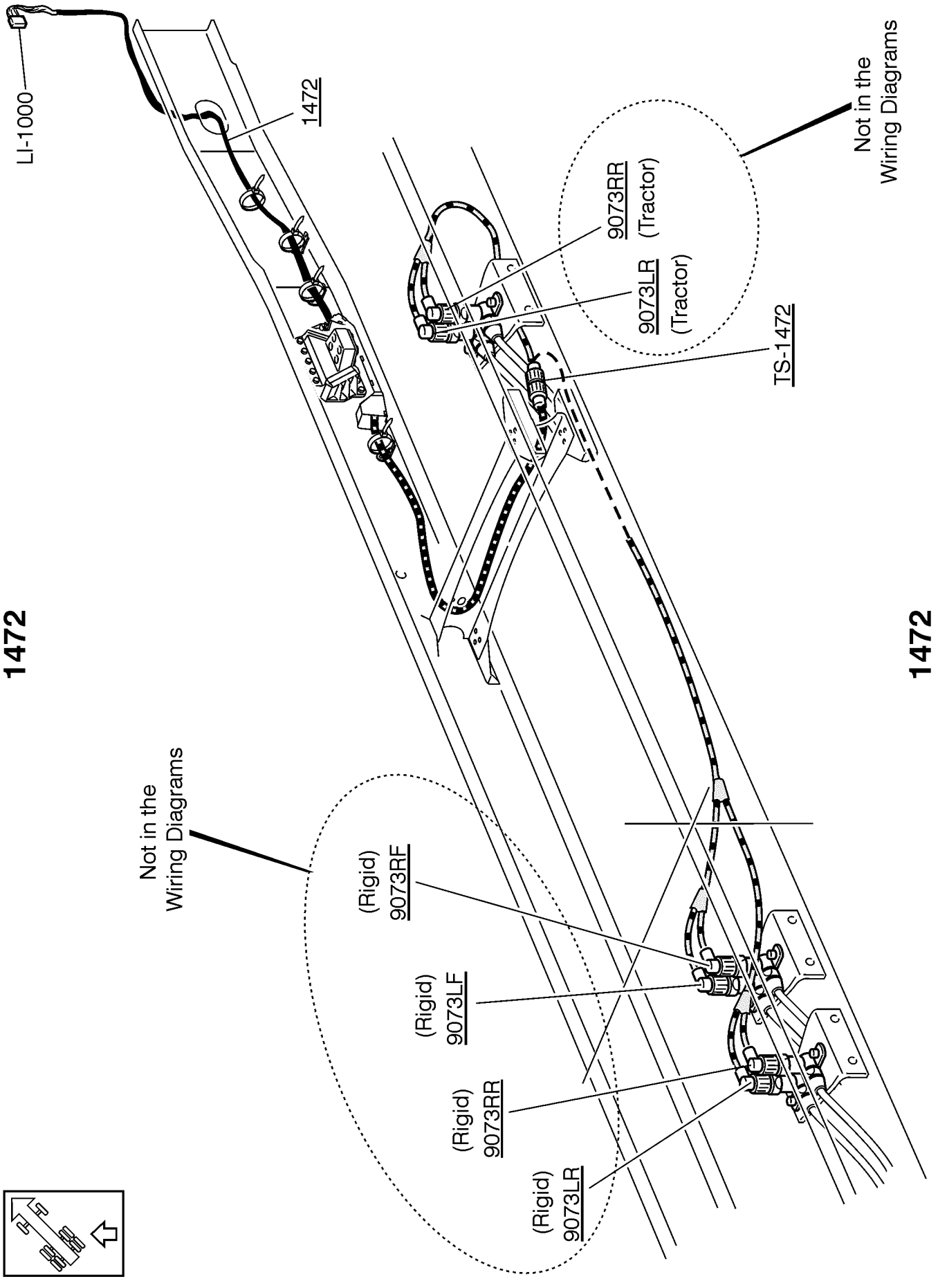
1435, 1460

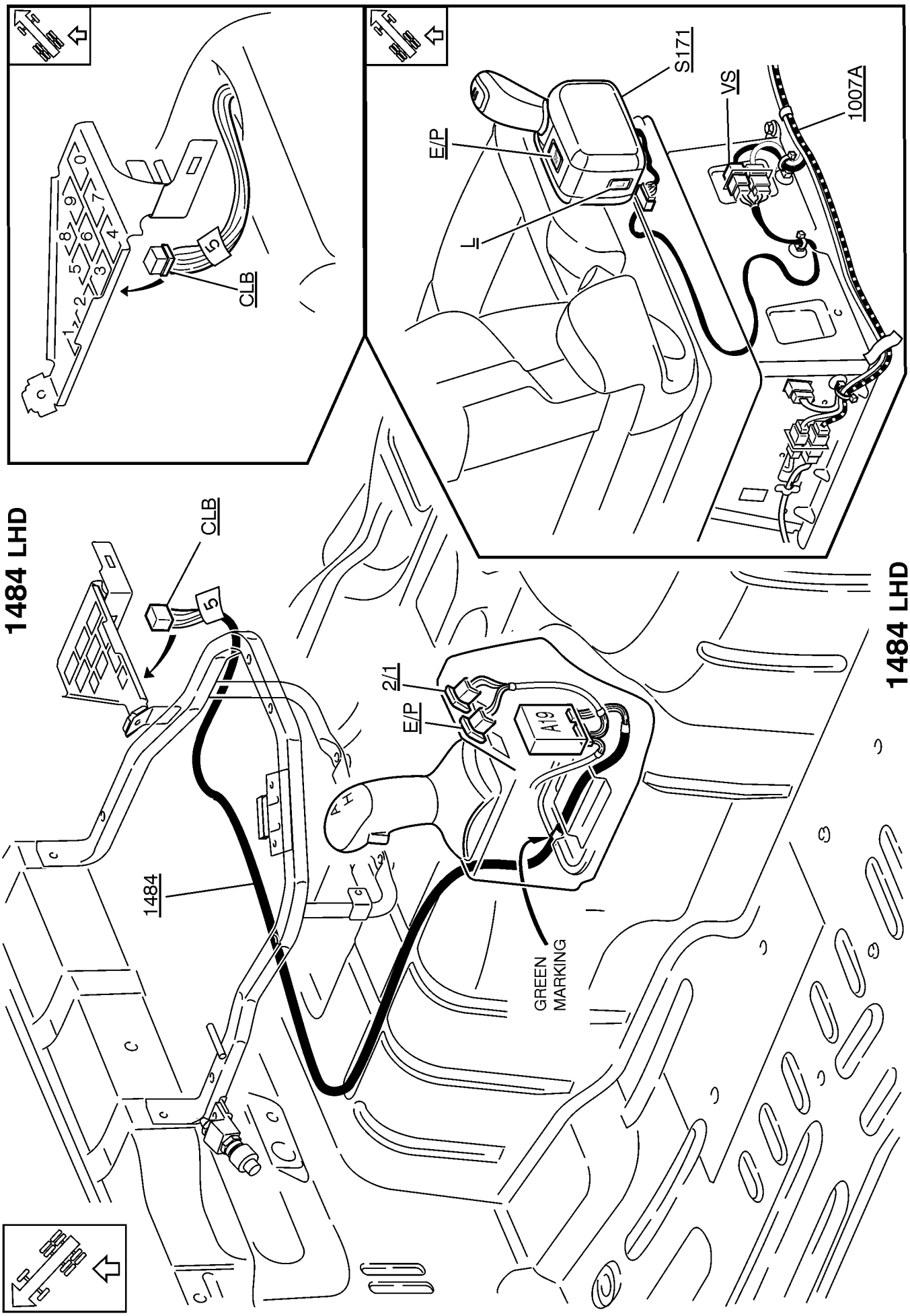
1435, 1460

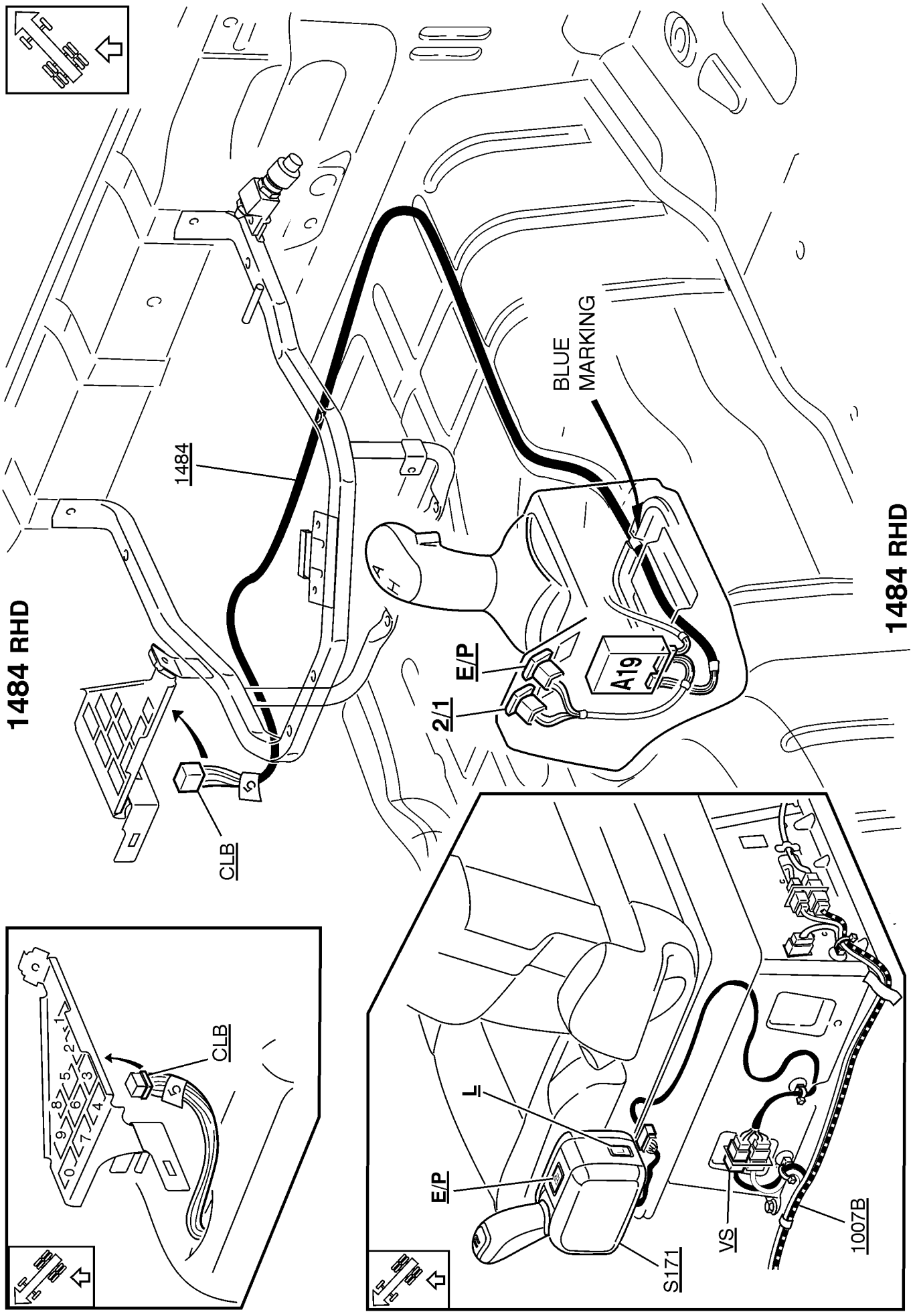


T3018744

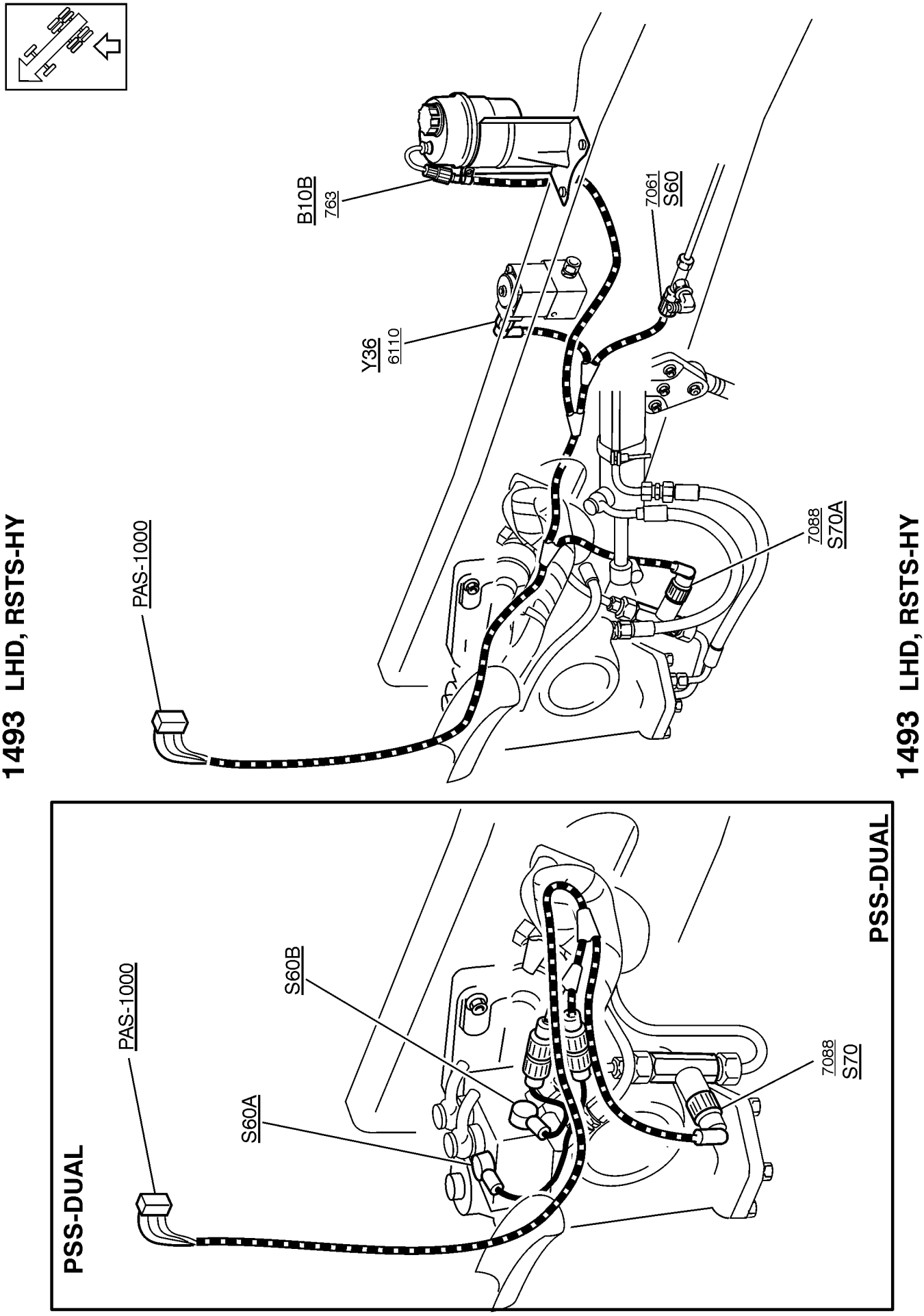

1458
Y08
630
Y09
631
236
S53
237
S54
1458
AWD
1458

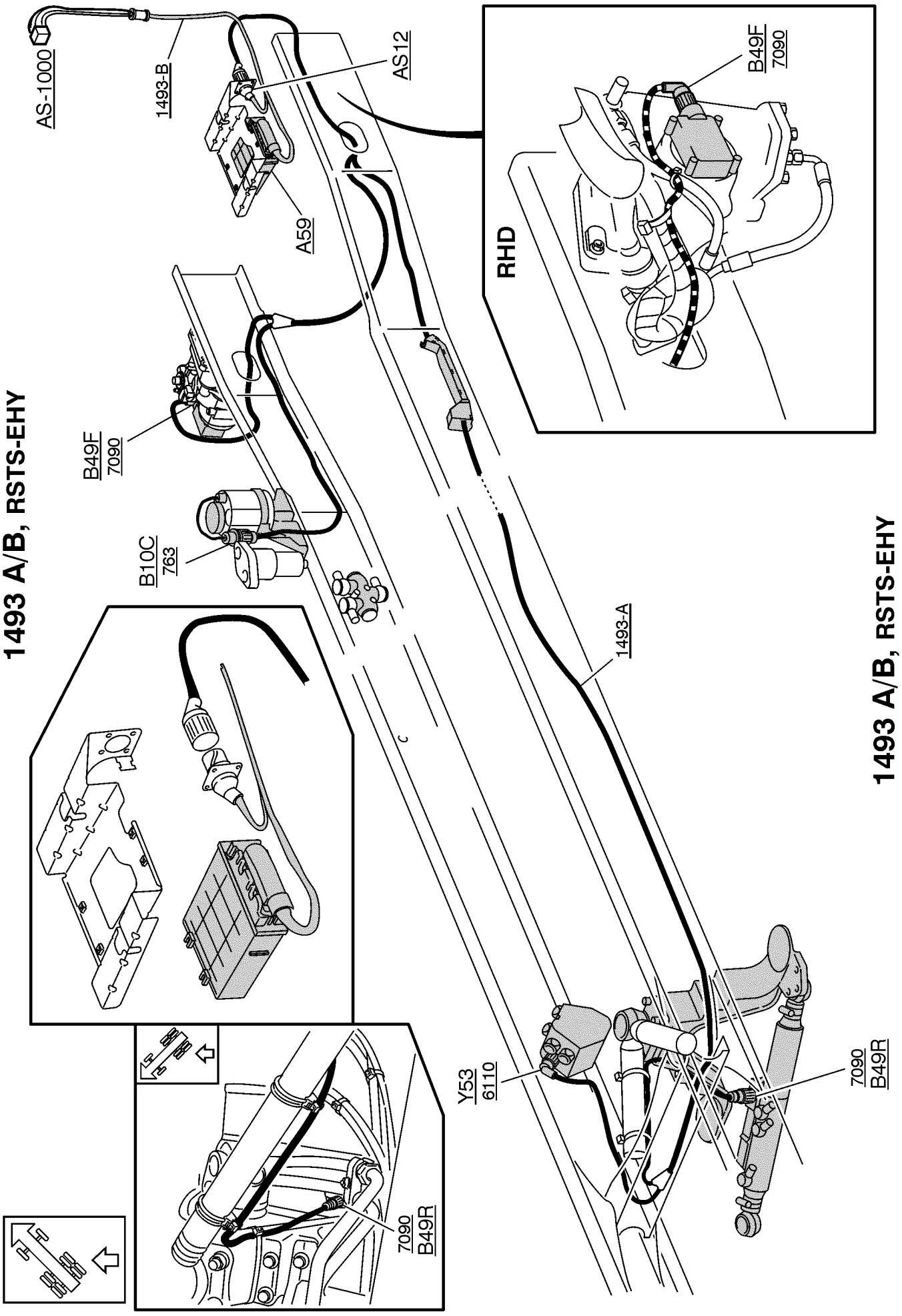

LI-1000
1472
9073RR (Tractor)
9073LR (Tractor)
Not in the Wiring Diagrams
TS-1472
1472
1472
Not in the Wiring Diagrams
(Rigid) 9073RF
(Rigid) 9073LF
(Rigid) 9073RR
(Rigid) 9073LR
T3016441


1484 LHD
CLB
5
1484
2/1
E/P
A19
GREEN
MARKING
S171
VS
1007A
L
1484 LHD

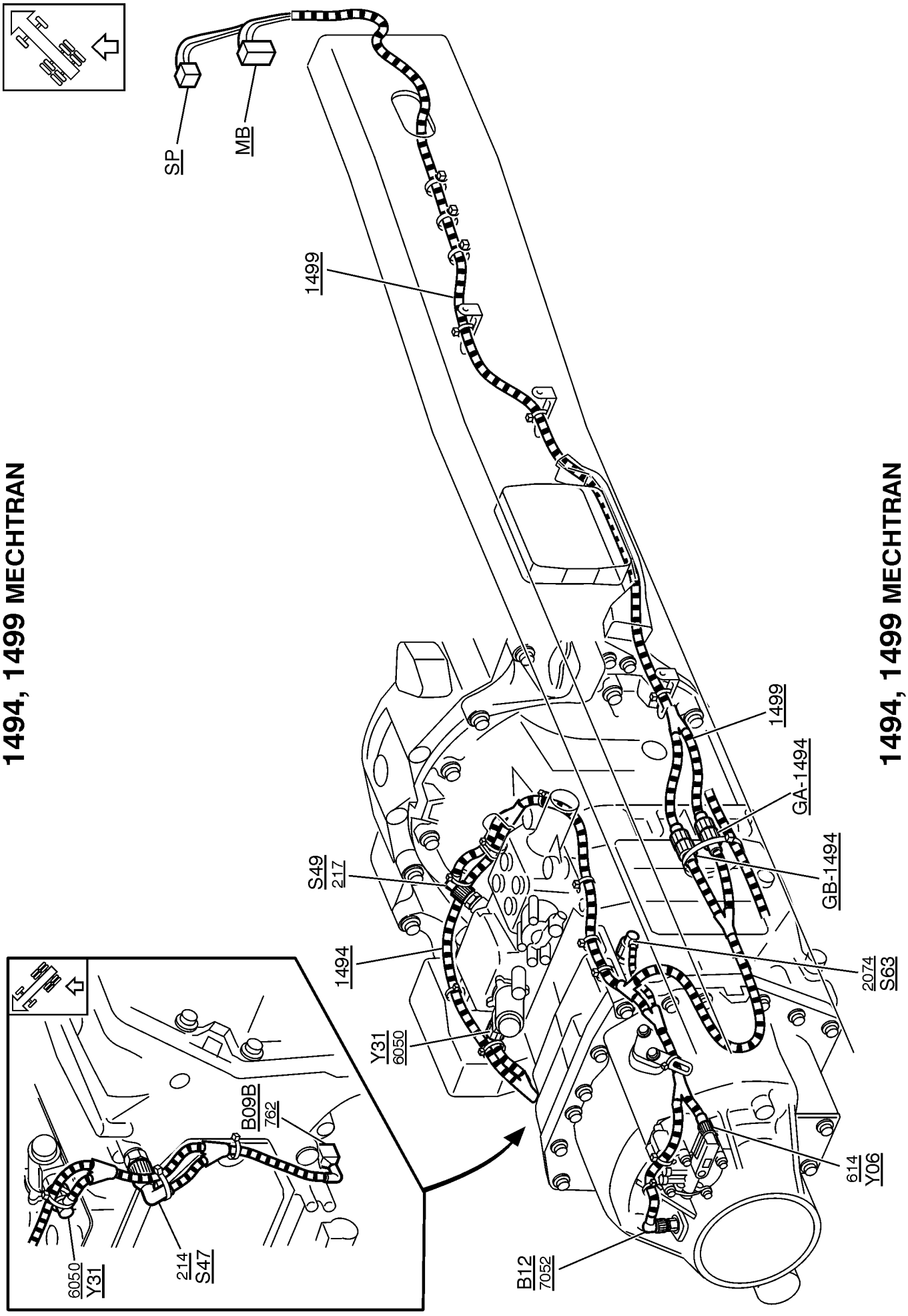

1484 RHD
1484
BLUE MARKING
A19
E/P
2/1
CLB
1484 RHD
CLB
E/P
L
S171
VS
1007B

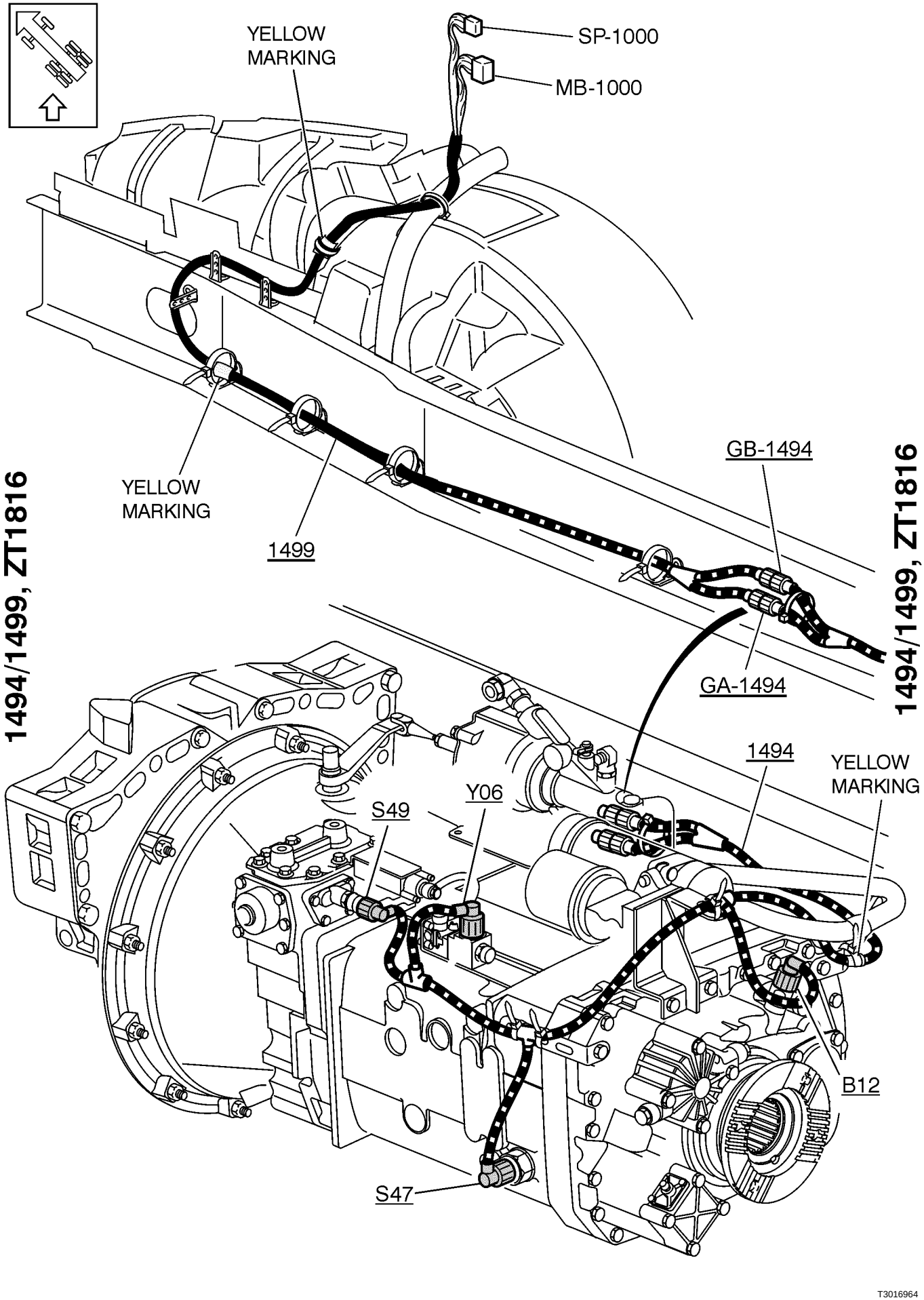
T3018746

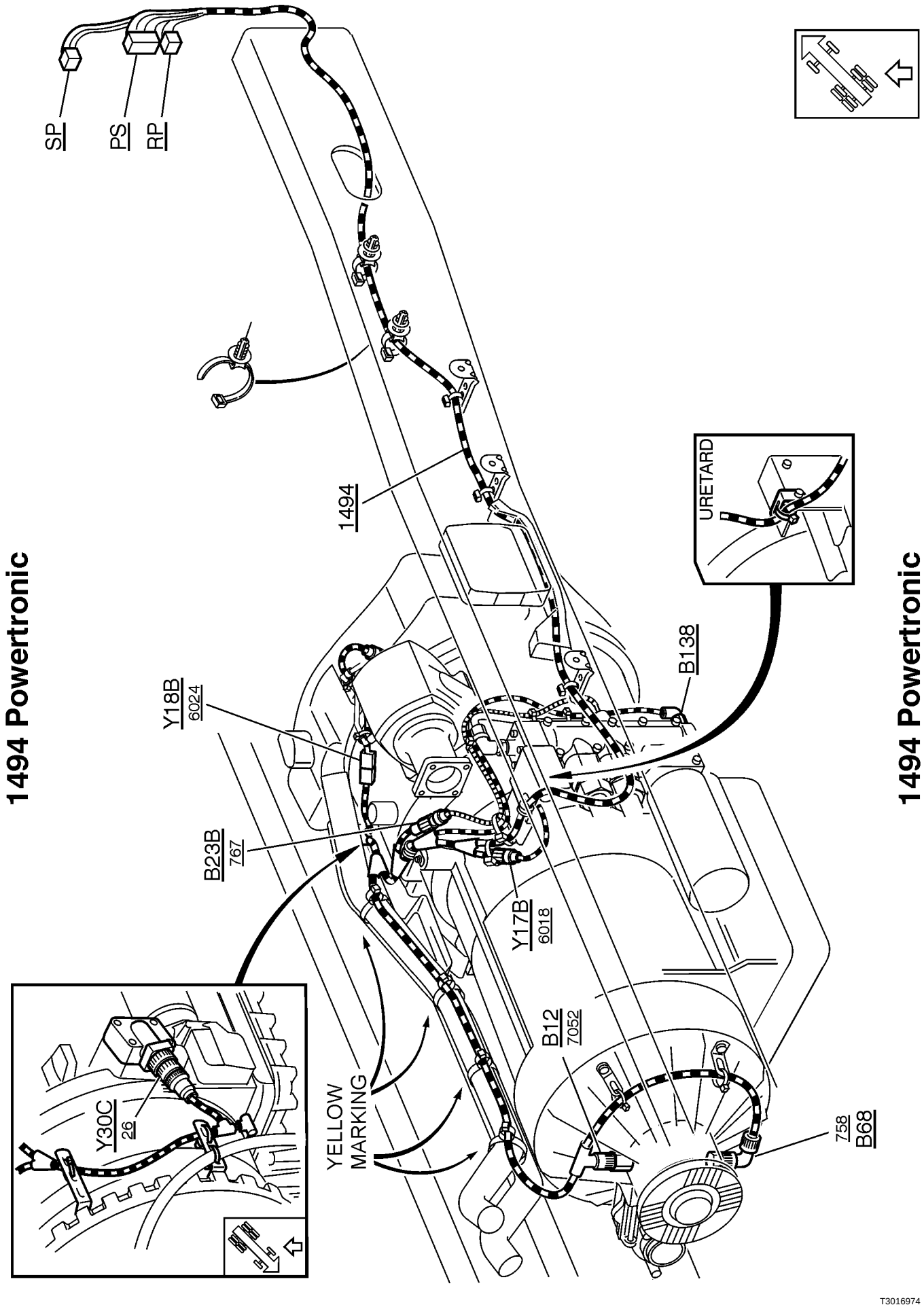

1493 LHD, RSTS-HY
PAS-1000
B10B
763
Y36
6110
7061
S60
7088
S70A
PSS-DUAL
PAS-1000
S60B
S60A
7088
S70
PSS-DUAL
1493 LHD, RSTS-HY

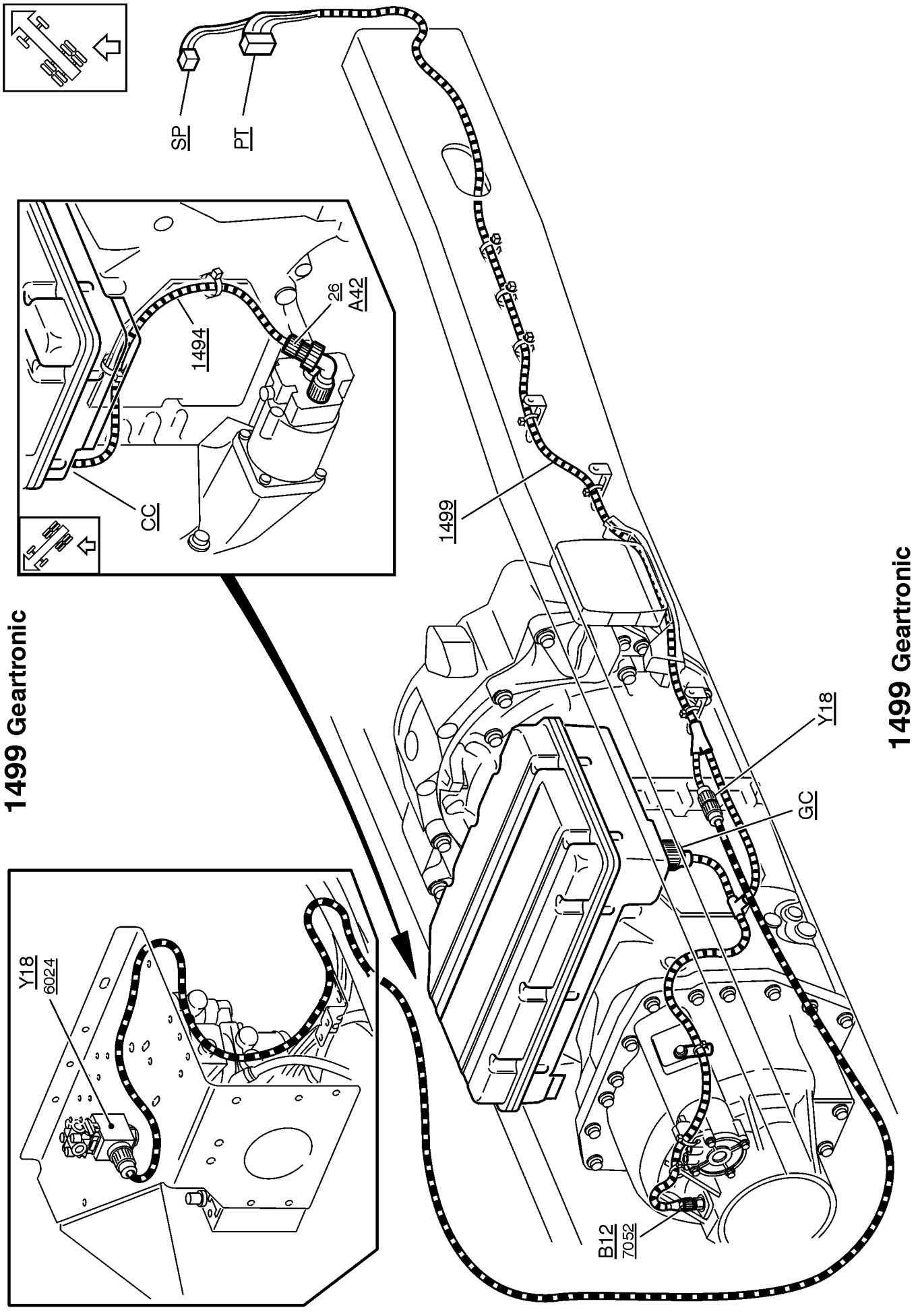

1493 A/B, RSTS-EHY
AS-1000
1493-B
AS12
A59
B49F
7090
B10C
763
RHD
B49F
7090
1493-A
Y53
6110
7090
B49R
7090
B49R
1493 A/B, RSTS-EHY

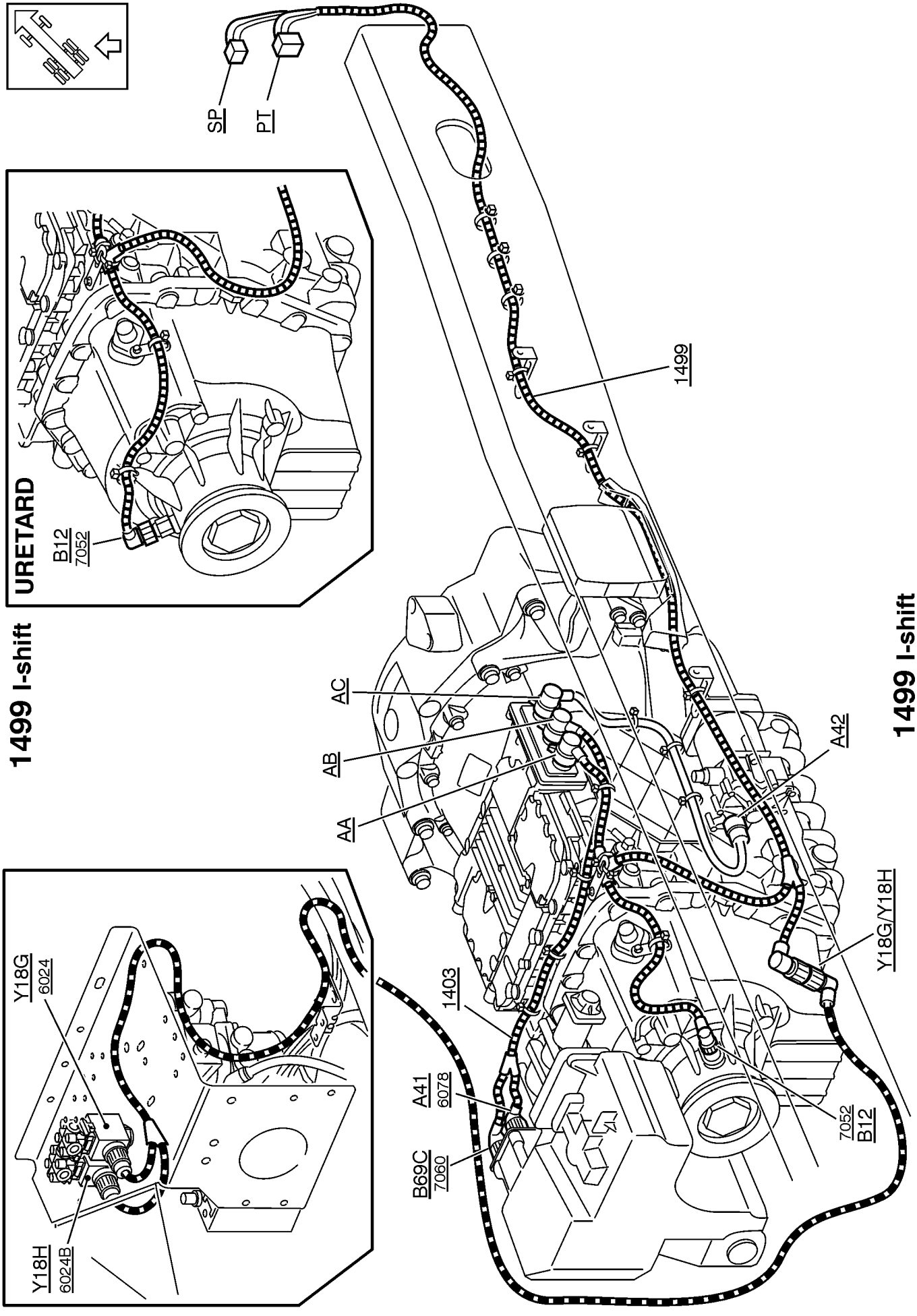
T3017761

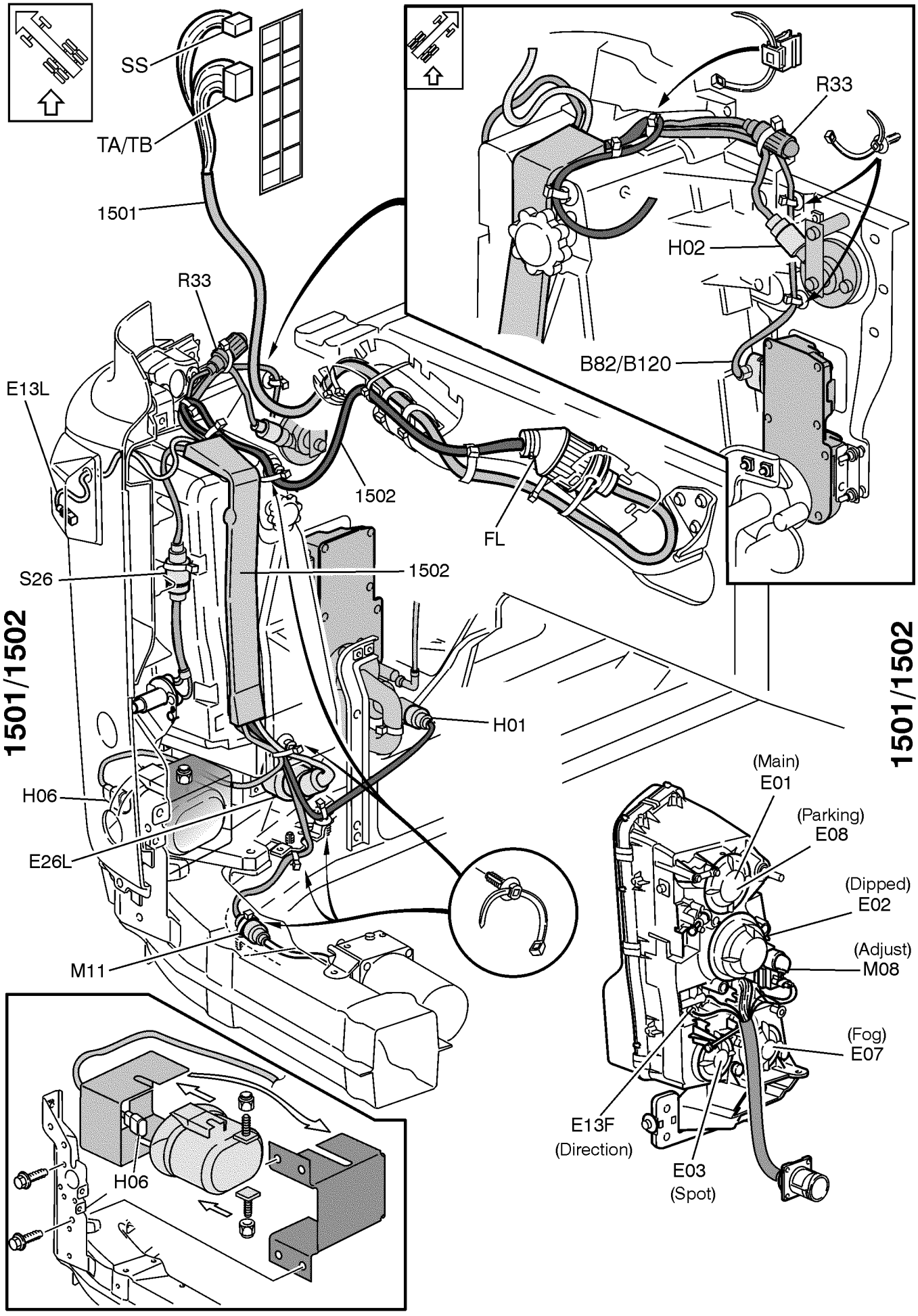

1494, 1499 MECHTRAN
SP
MB
1499
S49
217
1494
Y31
6050
B09B
762
214
S47
6050
Y31
B12
7052
1499
GA-1494
GB-1494
2074
S63
614
Y06
1494, 1499 MECHTRAN


YELLOW
MARKING
SP-1000
MB-1000
YELLOW
MARKING
1499
GB-1494
GA-1494
1494/1499, ZT1816
1494/1499, ZT1816
1494
YELLOW
MARKING
Y06
S49
B12
S47
T3016964

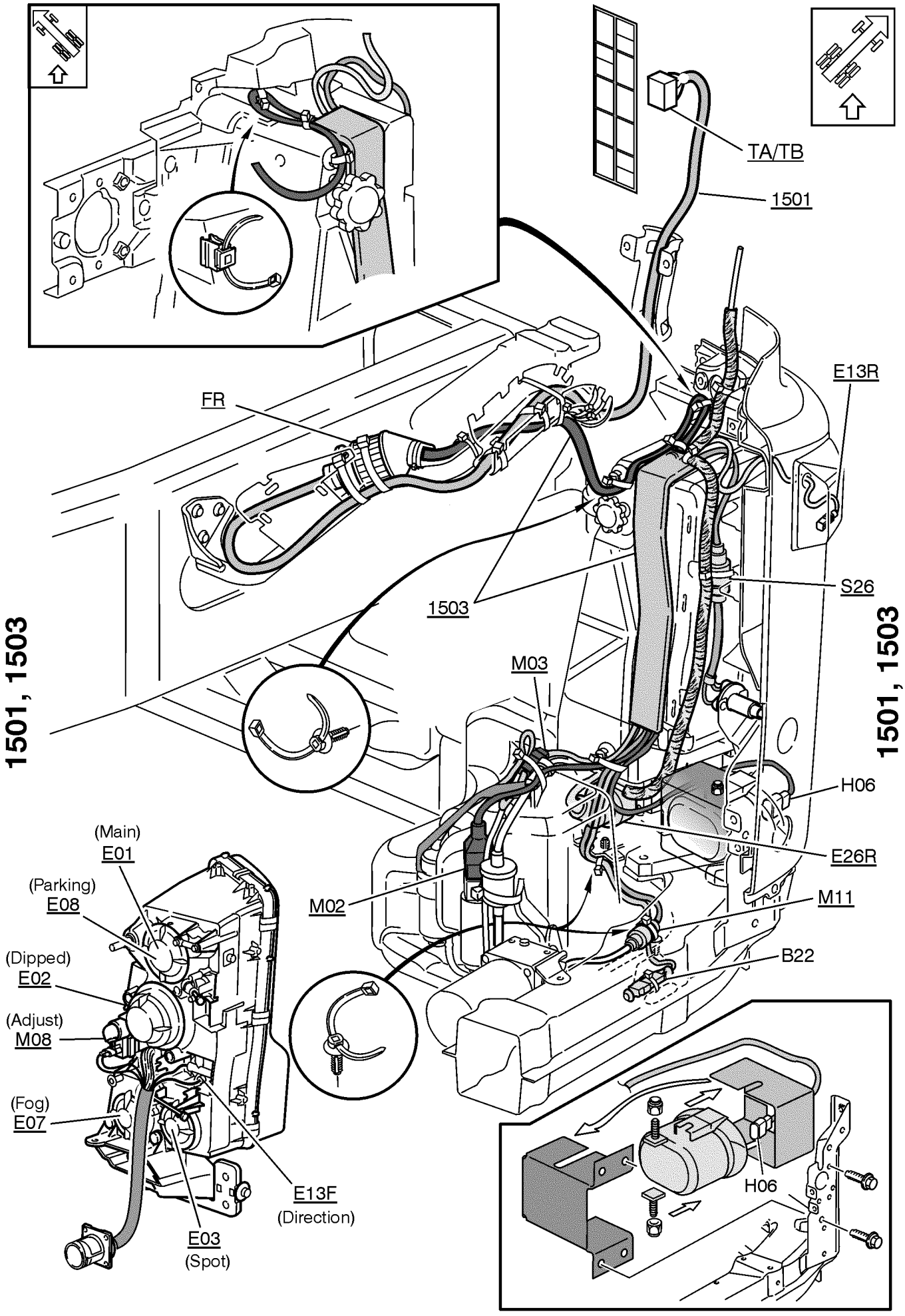

1494 Powertronic
SP
PS
RP
1494
URETARD
B138
Y18B
6024
B23B
767
Y17B
6018
B12
7052
YELLOW
MARKING
758
B68
Y30C
26
1494 Powertronic
T3016974

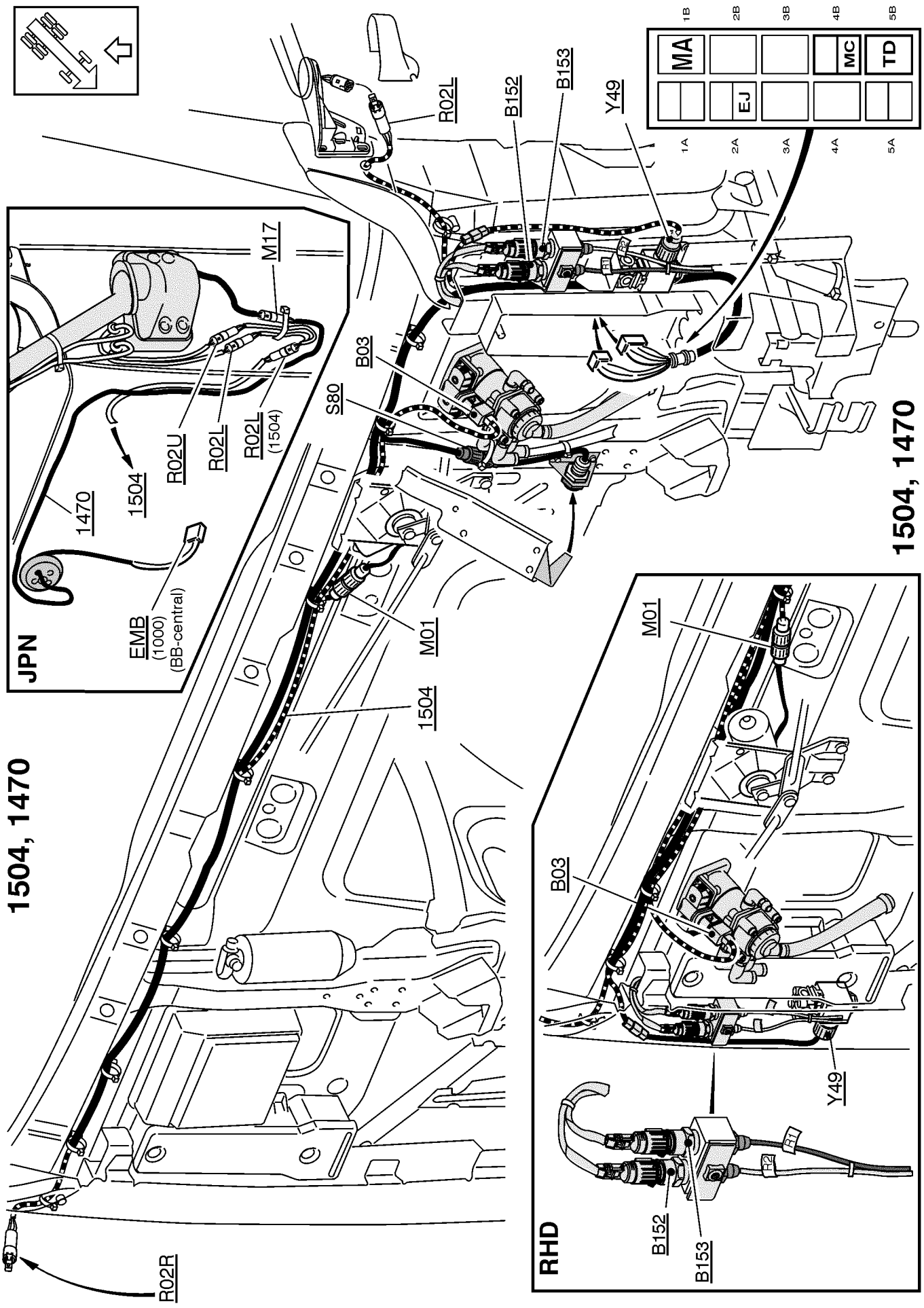

1499 Geartronic
SP
PT
1494
26
A42
CC
1499
Y18
GC
B12
7052
Y18
6024
1499 Geartronic
T3015896


1499 I-shift
URETARD
B12
7052
SP
PT
1499
AC
AB
AA
A42
1499 I-shift
Y18G/Y18H
1403
A41
6078
B69C
7060
7052
B12
Y18G
6024
Y18H
6024B

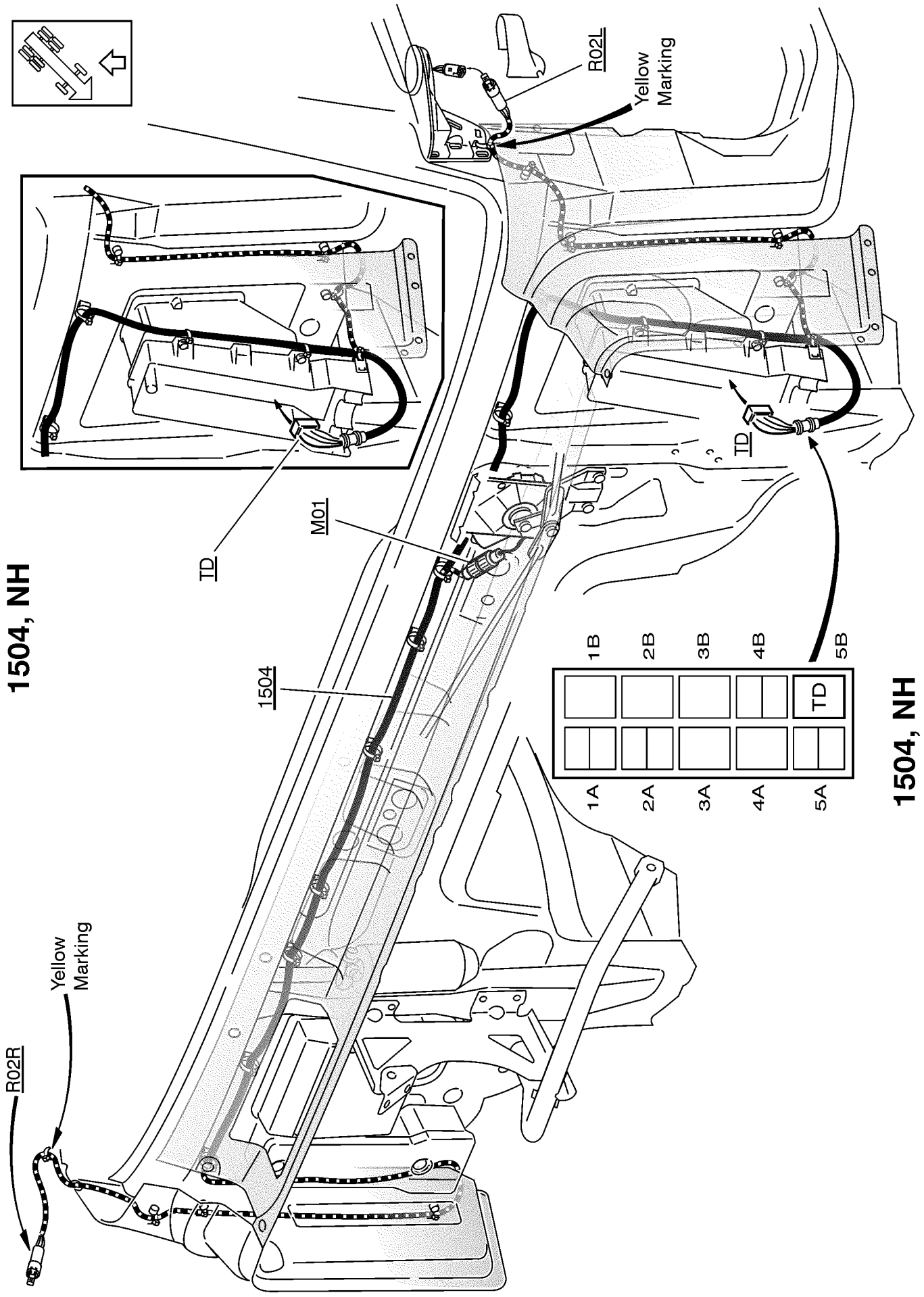

SS
TA/TB
1501
R33
H02
B82/B120
R33
E13L
1502
FL
S26
1502
1501/1502
1501/1502
H01
H06
E26L
M11
(Main)
E01
(Parking)
E08
(Dipped)
E02
(Adjust)
M08
(Fog)
E07
E13F
(Direction)
E03
(Spot)
H06

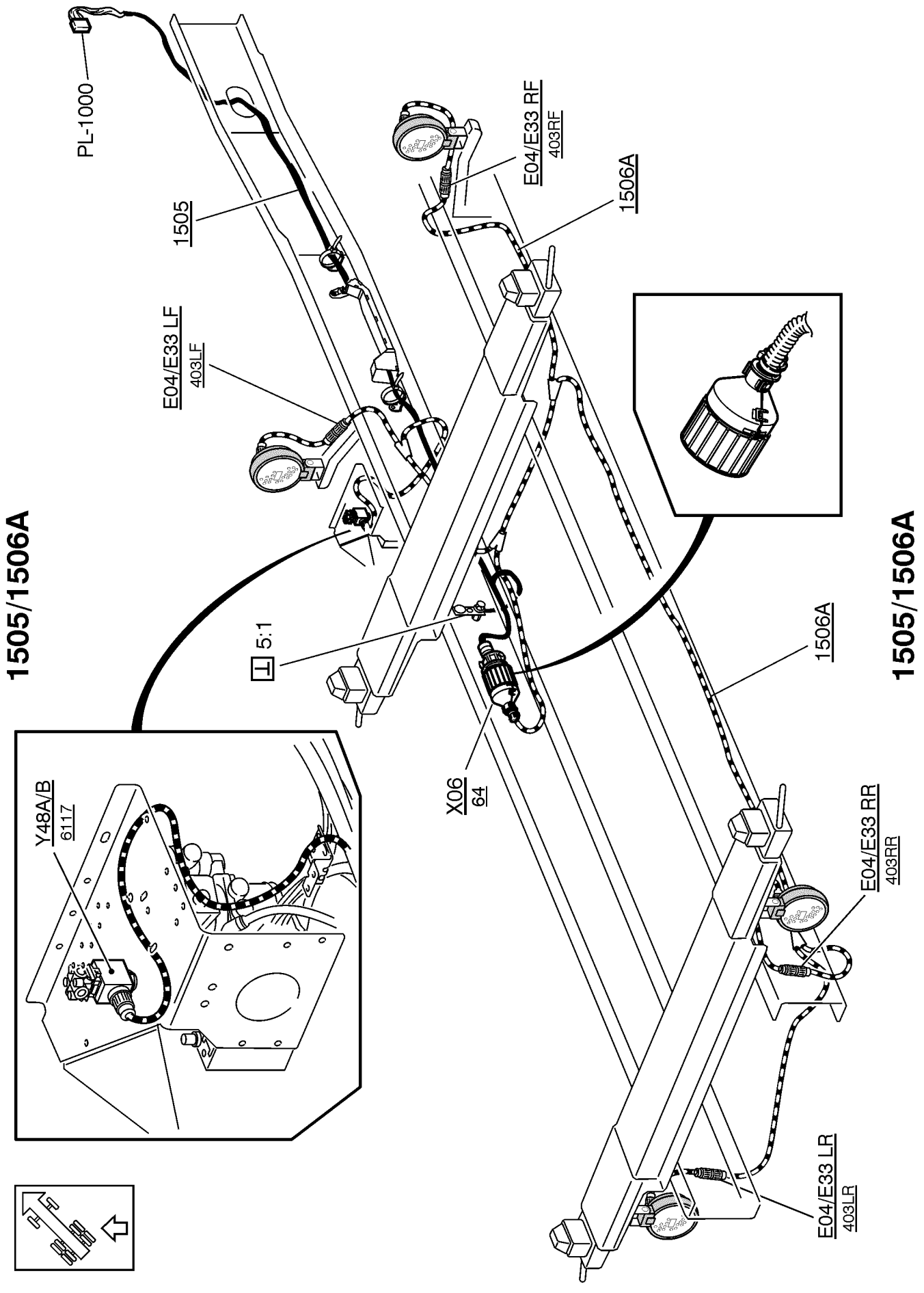
T3017739


TA/TB
1501
E13R
FR
S26
1503
1501, 1503
M03
1501, 1503
H06
E26R
M02
M11
B22
(Main)
E01
(Parking)
E08
(Dipped)
E02
(Adjust)
M08
(Fog)
E07
E13F
(Direction)
E03
(Spot)
H06

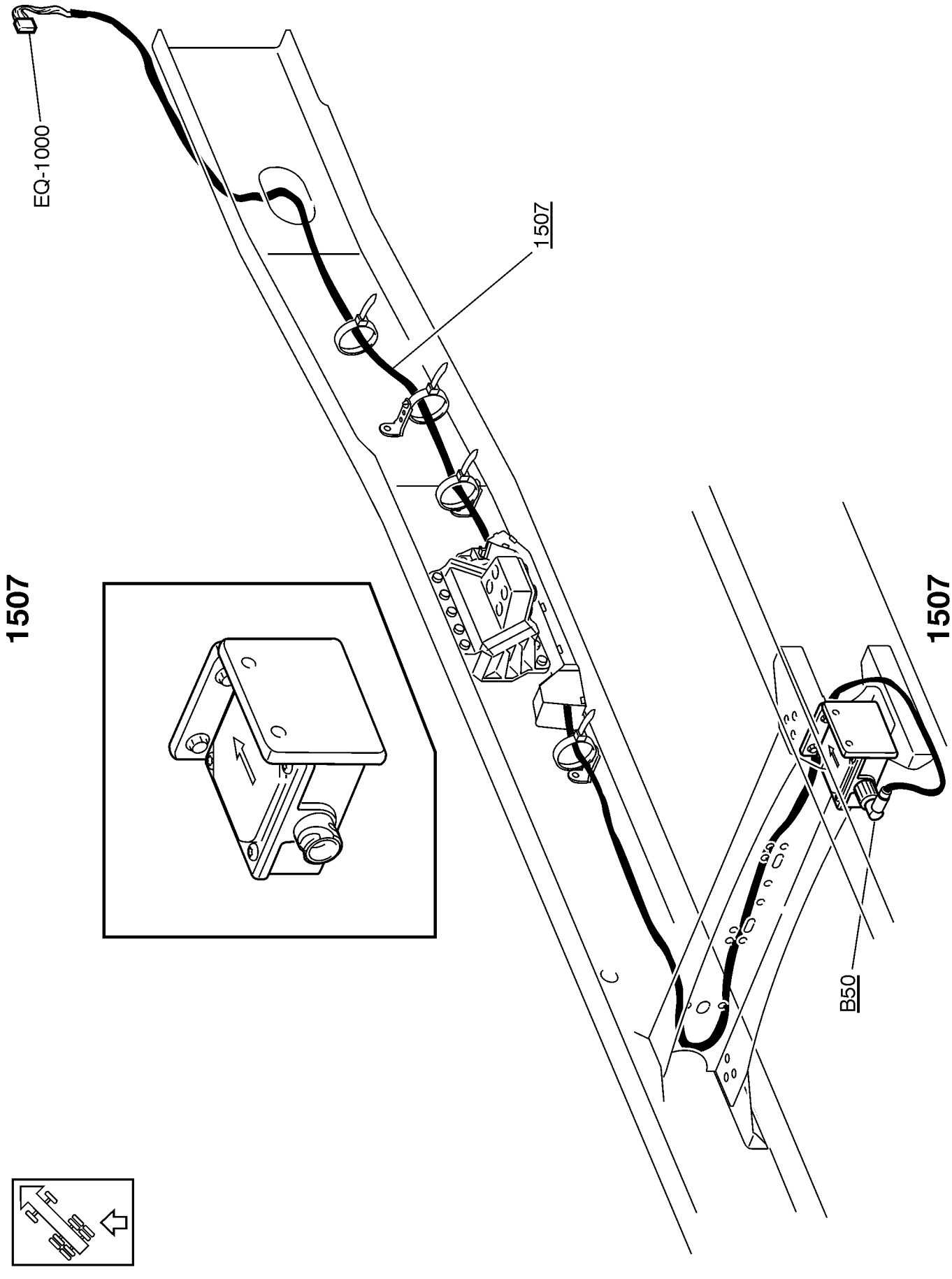

1504, 1470
1504, 1470
JPN
EMB
(1000)
(BB-central)
1470
1504
R02U
R02L
R02L
(1504)
M17
R02R
S80
B03
M01
1504
R02L
B152
B153
Y49
1B
2B
3B
4B
5B
MA
EJ
MC
TD
1A
2A
3A
4A
5A
RHD
B03
M01
Y49
B152
B153

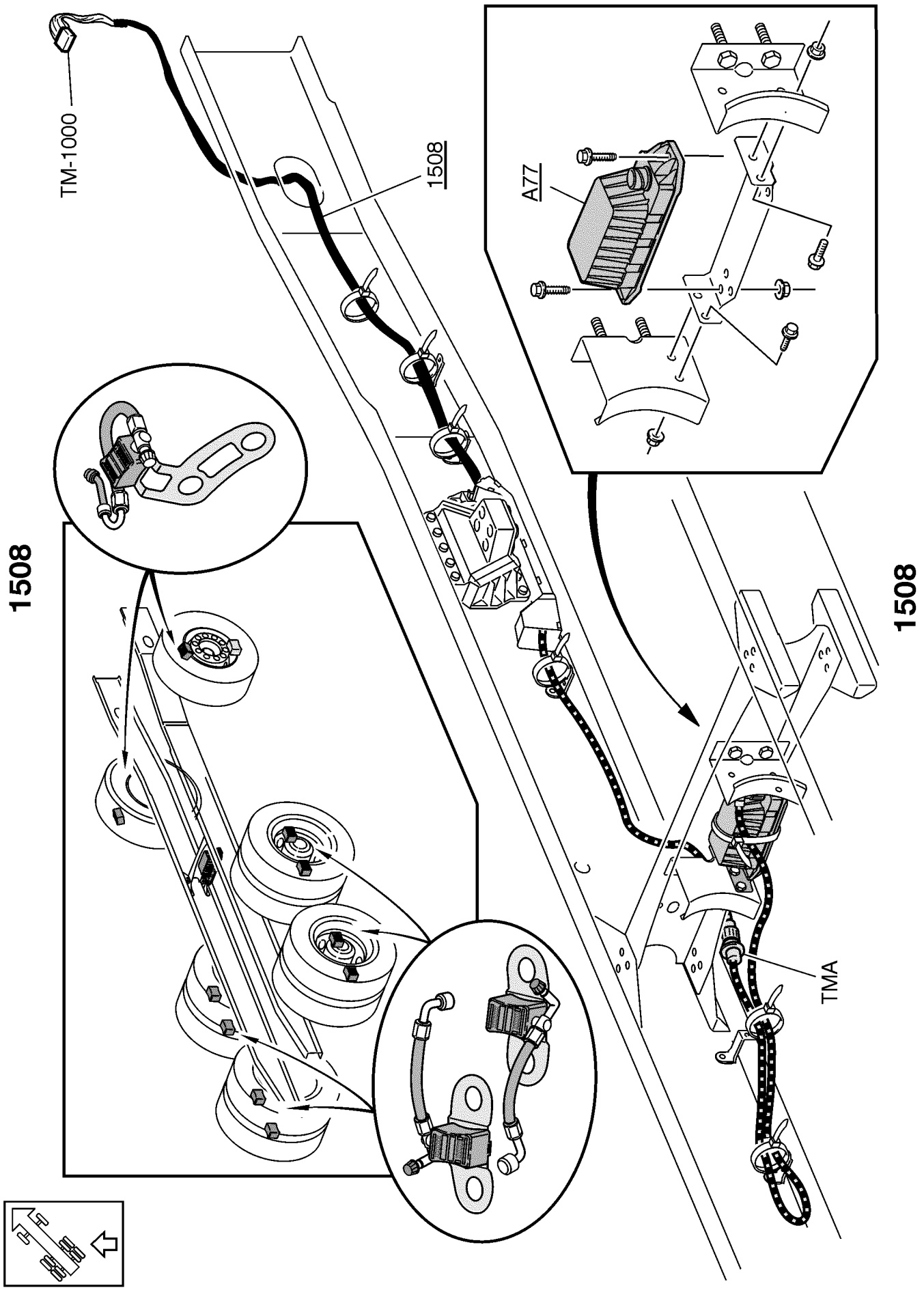
T3018417


1504, NH
R02L
Yellow Marking
TD
M01
TD
1504
1B
2B
3B
4B
5B
TD
1A
2A
3A
4A
5A
1504, NH
Yellow Marking
R02R


PL-1000
1505
E04/E33 LF
403LF
E04/E33 RF
403RF
1506A
1505/1506A
5:1
Y48A/B
6117
X06
64
1506A
E04/E33 RR
403RR
E04/E33 LR
403LR
1505/1506A

T3017741


EQ-1000
1507
1507
1507
B50
T3015902



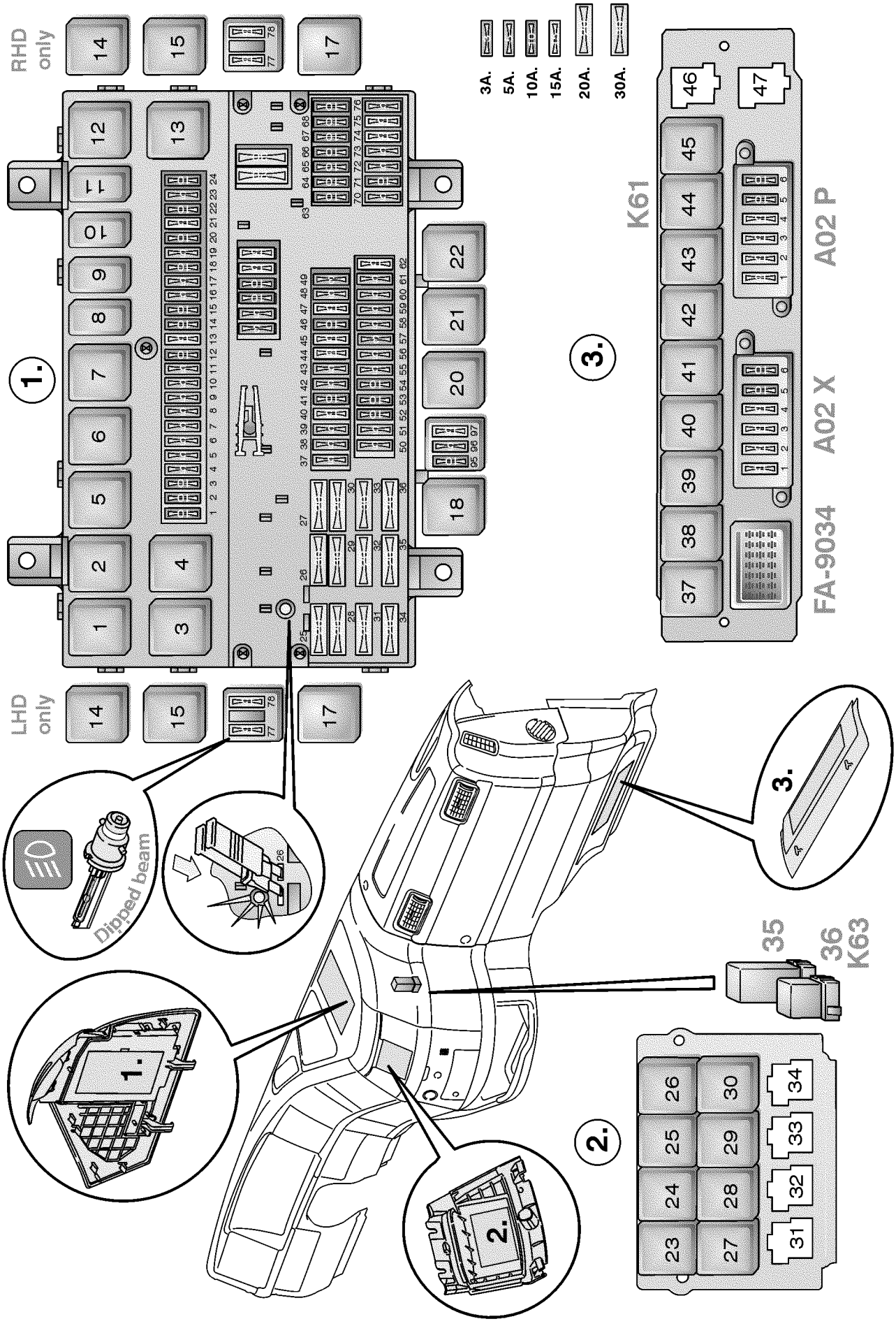
T3017742

Fuses

F1	TPM (Tyre pressure Monitoring)	(OA:2 A)
F2	Luggage compartment illumination	(IH:4 A)
F3	Loadlight, 5:th wheel lamp	(KE:0 A)
F4	Key switch, radiopos.	(AC:3 D)
F5	Instrumentation, (kl.30)	(BI:3 A)
F6	Air dryer	(BA:1 B)
F7	Vehicle ECU, immobiliser	(BA:1 B)
F8	Instrumentation, TPM (Tyre Pressure Monitoring)	(BI:0 A/ OA:2 A)
F9	Range-, area-inhibitors	(BA:0 A)
F11	Gear selector ECU	(DB:1 B/ DC:1 B/ DM:0 B)
F12	Transmission ECU/retarder	(DB:1 B/ DM:1 B)
F13	Windscreen wiper	(GM:3 A)
F14	Cigarette lighter, centre section storage lamp	(IQ:2 A)
F15	Water separator heater and water drain	(CM:0 A)
F16	Differential lock, power take off	(DQ:0 A/ DU:1 A)
F17	LCM control	(GA:0 A)
F18	Horn, solenoid valve for air horn	(GQ:1 A)
F19	Climate unit, FMS gateway	(HG:0 A)
F20	Central locking, parking heater control	(IM:0 A)
F21	Fan, climate unit	(HY:0 A)
F22	Interior lamps	(IH:1 A)
F23	Air suspension	(FA:4 A)
F24	El. heated air dryer, parking heater ADR/TRS, el. heated mirrors	(FQ:0 A)
F25	Supply ABS/EBS trailer	(GG:4 A/ CP:4 A)
F26	Body builder fuse box	(ME:3 B)
F27	El. window winder lhs, el. heated mirrors	(AC:3 B)
F28	Supply ABS/EBS truck	(EE:0 A/ EI:0 A/ EO:2 A)
F29	Coffee maker	(ME:1 A)
F30	El. window winder, rhs	(AC:3 B)
F31	Main fuse for fuses 95–97	(AB:3 A)
F32	ECC climate unit	(HG:0 A)
F33	El. cab tilt	(KA:0 A)
F35	El. adjustable seat	(IA:2 A)
F36	Reverse lamp circuit trailer	(GB:4 D)
F37	Dynafleet	(AC:3 C)
F38	Instep lamps	(AC:3 B)
F39	El. adjustable rear view mirrors	(AC:3 B)
F40	Engine ECU	(CM:1 A)
F41	Engine solenoid valves, el. fuel pump	(CM:3 A)
F42	Engine preheating relay, cooling fan clutch	(CM:2 A)
F43	BBM (body builder module)	(BA:1 A)
F44	Voltage converter for radio, 12V outlet	(IR:0 A)
F45	Supplementary voltage converter, 12V outlet	(IR:1 A)
F46	Beacon warning light	(KM:0 A)
F47	ACC	(BE:2 A)
F48	ABS/EBS, EBS switches	(EE:0 A/ EI:0 A/ EO:0 A)
F49	Air suspension/A-ride/tag axle	(FA:3 A/ FK:1 A/ FI:0 A)
F50	Telephone	(IX:0 A)
F51	Hydraulic steered axle	(FO:1 A)
F52	Control circuit engine preheating, radio position relay	(AC:1 A)
F53	Light sign	(KI:1 A)
F54	Dynafleet, FMS gateway	(BU:0 A/ BX:0 A/ BY:1 A)
F55	SRS airbag, safety belt tensioner	(IS:0 A)
F56	Free	(ME:1 A)
F57	Gear selector ECU/retarder	(DB:0 A/ DC:0 A/ DM:1 B)
F58	ADR/TRS, D+ short circuit relay	(AB:2 A/ AE:4 B)
F59	Rear view camera	(IZ:0 A)
F60	Hydraulic steered axle, ISX-functions (AUS only)	(CP:1 A/ FO:1 A)
F61	Foldable rear view mirror arm, Japan, burglar alarm, Volvo link	(BY:2 A/ IF:0 A)
F62	Free	(ME:0 A)
F63	Free/ISX-functions (AUS only)	(CP:0 A)
F64	Free/ISX-functions (AUS only)	(CP:0 A)

F65	Central lubrication system	(FU:0 A)
F66	Roof hatch	(IQ:0 A)
F67	Reading lamps, bedlamps	(IH:0 A)
F68	Refrigerator	(IQ:3 A)
F69	12-volt outlet	(IR:1 C)
F70	Trailer ABS/EBS, (kl.15)	(CP:4 A/ GG:3 A)
F71	Extra equipment	(ME:1 A)
F72	Headlamp level regulation system	(GU:0 A)
F73	Hydraulic steered axle	(FP:1 A)
F74	Headlamp high-pressure washer	(GM:1 A)
F75	El. heated seat	(IA:0 A)
F76	ADR/TRS, D+ short circuit relay .	(AE:4 B)
F89	Tachograph	(AB:4 D) (1435)
F90	12V converter, ABS trailer/info-module	(CP:3 C)
F91	Tachograph, ADR	(AE:0 D)
F93	Main (not main switch dependent)	(AB:3 D/ AE:0 D)
F95	Central door lock	(AB:3 B)
F96	Burglar alarm	(AB:3 B)
F97	Parking heater	(AB:3 B)
FM1	Fuse, main, preheating	(AA:1 B/ AE:2 B)
FM2	Fuse, main, bogie lift/extra equipment	(AA:1 B/ AE:1 B)
FM3	Fuse, main, cab and chassis	(AA:1 B/ AE:2 B)
FM4	Fuse, main, light, back-up	(AA:0 B/ AE:1 B)

Relays


RHD only
LHD only
1.
2.
3.
3A.
5A.
10A.
15A.
20A.
30A.
K61
A02 P
A02 X
FA-9034
Dipped beam
K63
T3018310

K1	Relay, starting switch, radio position	(AC:3 C)
K2	Relay, EMS (Engine Management System)	(BA:1 A)
K3	Relay, starter motor	(AA:2 B)
K3B	Relay, starter motor, Cummins	(CS:1 C)
K4	Relay, body builder fuse box (kl.15)	(ME:2 A)
K5	Relay, automatic transmission	(DB:1 A/ DC:0 A/ DM:0 A)
K6	Relay, fan climate unit	(HY:0 B)
K7	Relay, intermittent wiper	(GM:1 C)
K8	Relay, gearbox area inhibitor	(BA:1 A)
K9	Relay, interior lamps	(IH:1 A)
K10	Relay, fifth wheel-, working-light	(KE:0 C)
K11	Relay, air suspension	(FA:4 B)
K12	Relay, reverse light, trailer	(GB:4 D)
K13	Relay, alternator controlled	(AA:4 B)
K14	Time delay relay, bogie lift, A-ride	(FI:1 B/ FK:1 C)
K15	Time delay relay, bogie lift, A-ride, with axle load limiter	(FK:2 C)
K16	Relay, bogie lift, A-ride, with axle load limiter	(FK:1 C)
K18	Relay, hydraulic steered axle	(FP:1 B)
K20	Relay, D+ short-circuit, (ADR-trucks only)	(AE:4 D)
K21	Relay, el. adjustable seat	(IA:2 B)
K22	Relay, climate fan, 1:st speed (by parking heater)	(HY:1 B)
K23	Relay, cab tilt	(KA:0 C)
K24	Relay, central lubrication	(FU:0 B)
K25	Relay, light sign	(KI:1 C)
K26A	Relay, foldable rear view mirror arm, Japan	(IF:0 C)
K26B	Relay, foldable rear view mirror arm, Japan	(IF:1 C)
K27	Relay, gas discharge lamp, dipped beam, lhs	(GD:1 C)
K28	Relay, gas discharge lamp, dipped beam, rhs	(GD:1 C)
K30	Relay, beacon warning light	(KM:0 B)
K35	Relay, headlamp high pressure wash	(GM:0 B)
K37	Relay, parking light	(NA:1 C)
K38	Relay, body builder preparation, swapboby lamps	(NA:1 C)
K39	Relay, body builder preparation, plough light, spotlights	(NA:1 C)
K40	Relay, body builder preparation	(NA:2 C)
K41	Relay, body builder preparation, swapbody	(NA:3 C)
K42	Relay, body builder preparation, spotlights	(NI:1 B)
K43	Relay, body builder preparation, external start	(NC:3 C)
K45	Relay, body builder preparation, dual speed, extra foglight	(NU:2 B)
K48	Power relay, engine preheating	(CM:2 B)
K49	Power relay, bogie lift motor	(FI:3 B/ FK:3 D)
K51	Power relay, battery main switch	(AB:0 C)
K54	Relay, 12V ABS Trailer	(CP:2 D)
K58	Relay, speed limiter, Volvo link	(BY:3 B)
K59	Relay, engine shut off, Volvo link	(BY:4 B)
K60	Relay, trailer lock, Volvo link	(BY:3 D)
K61	Relay, auxiliary reverse light, truck	(NA:0 C)
K63	Relay, ACC Adaptive cruise control	(BE:2 B)

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1007	Wiring harness, floor	page 113
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1025	Wiring harness, engine-chassi	page 124
1030	Wiring harness, engine	page 126
1037	Wiring harness, bogie lift	page 129
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1502	Wiring harness, lower front left	page 164
1503	Wiring harness, lower front right	page 165
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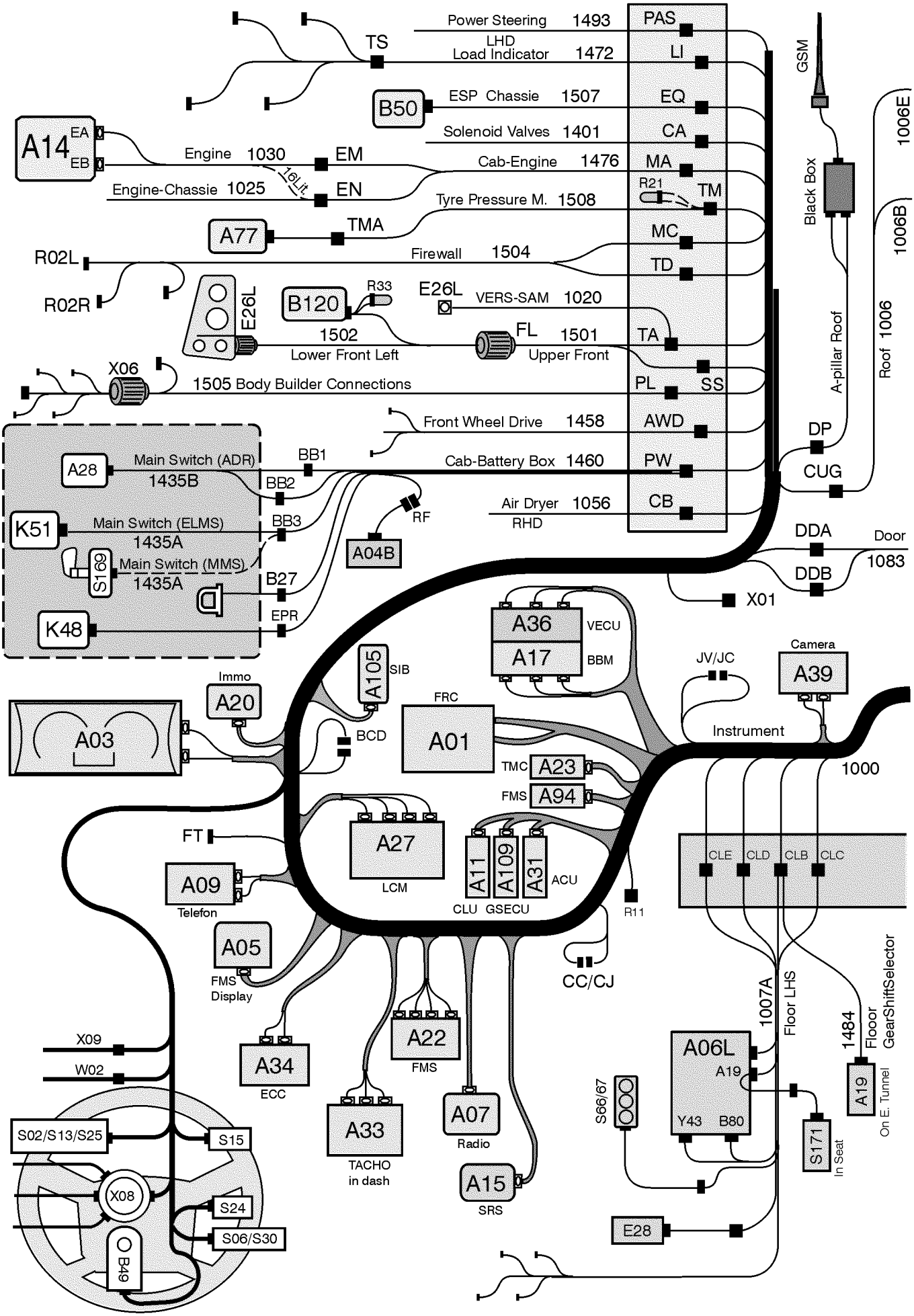
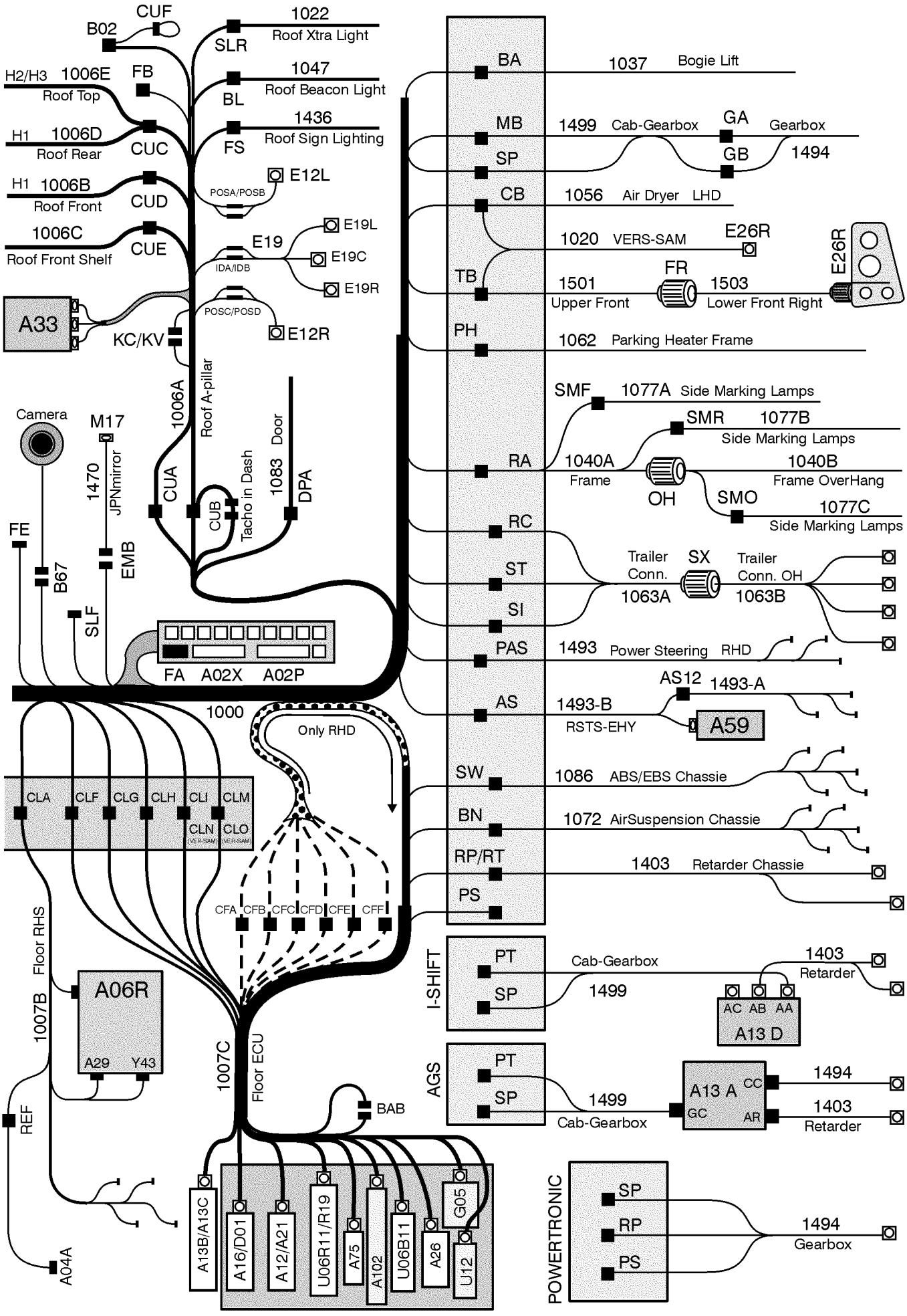
1505	Wiring harness, body builder connections	page 168
1506	Wiring harness, demountable (swap-body)	page 168
1507	Wiring harness, ESP chassis	page 169
1508	Wiring harness, TPM	page 170


Power Steering 1493
LHD
Load Indicator 1472
ESP Chassie 1507
Solenoid Valves 1401
Cab-Engine 1476
Tyre Pressure M. 1508
Firewall 1504
VERS-SAM 1020
Lower Front Left 1502
Upper Front 1501
1505 Body Builder Connections
Front Wheel Drive 1458
Cab-Battery Box 1460
Air Dryer 1056
RHD
PAS
LI
EQ
CA
MA
TM
MC
TD
TA
SS
PL
AWD
PW
CB
TS
B50
A14
EA
EB
Engine 1030
Engine-Chassie 1025
16Lit.
EM
EN
A77
TMA
R02L
R02R
E26L
B120
R33
1502
FL
X06
A28
Main Switch (ADR)
1435B
BB1
BB2
K51
Main Switch (ELMS)
1435A
BB3
S169
Main Switch (MMS)
1435A
B27
K48
EPR
RF
A04B
GSM
Black Box
1006E
1006B
A-pillar Roof
Roof 1006
DP
CUG
DDA
DDB
Door
1083
X01
A36
VECU
A17
BBM
A105
SIB
FRC
A01
JV/JC
Camera
A39
Instrument
1000
Immo
A20
A03
BCD
TMC
A23
FMS
A94
A27
LCM
A11
A109
A31
ACU
CLU GSECU
CLE CLD CLB CLC
R11
CC/CJ
FT
A09
Telefon
A05
FMS
Display
X09
W02
A34
ECC
A22
FMS
A33
TACHO
in dash
A07
Radio
A15
SRS
S02/S13/S25
S15
X08
S24
S06/S30
B49
S66/67
A06L
A19
Y43 B80
1007A
Floor LHS
1484
Flooor GearShiftSelector
A19
On E. Tunnel
S171
In Seat
E28
T3018747


CUF
B02
SLR
1022
Roof Xtra Light
H2/H3 1006E
Roof Top
FB
BL
1047
Roof Beacon Light
H1 1006D
Roof Rear
CUC
FS
1436
Roof Sign Lighting
H1 1006B
Roof Front
CUD
E12L
POSA/POSB
1006C
Roof Front Shelf
CUE
E19
E19L
E19C
E19R
IDA/IDB
A33
KC/KV
POSC/POSD
E12R
1006A
Roof A-pillar
Camera
M17
1470
JPNmirror
CUA
CUB
Tacho in Dash
1083
Door
DPA
FE
B67
EMB
SLF
FA A02X A02P
1000
Only RHD
BA
1037
Bogie Lift
MB
1499
Cab-Gearbox
GA
Gearbox
SP
GB
1494
CB
1056
Air Dryer LHD
1020
VERS-SAM
E26R
TB
1501
Upper Front
FR
1503
Lower Front Right
PH
1062
Parking Heater Frame
SMF
1077A
Side Marking Lamps
SMR
1077B
Side Marking Lamps
RA
1040A
Frame
1040B
Frame OverHang
OH
SMO
1077C
Side Marking Lamps
RC
ST
Trailer Conn.
SX
Trailer Conn. OH
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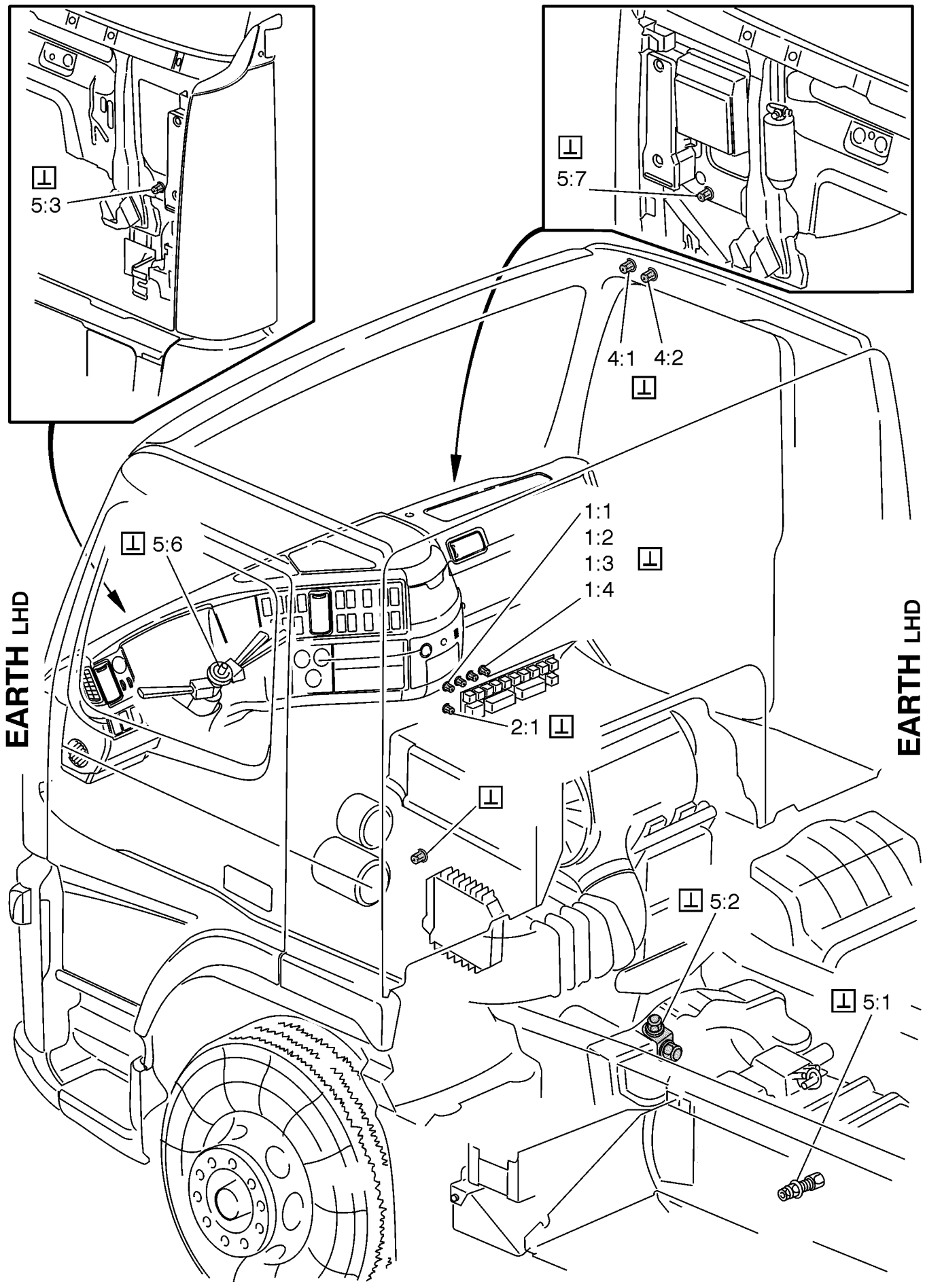
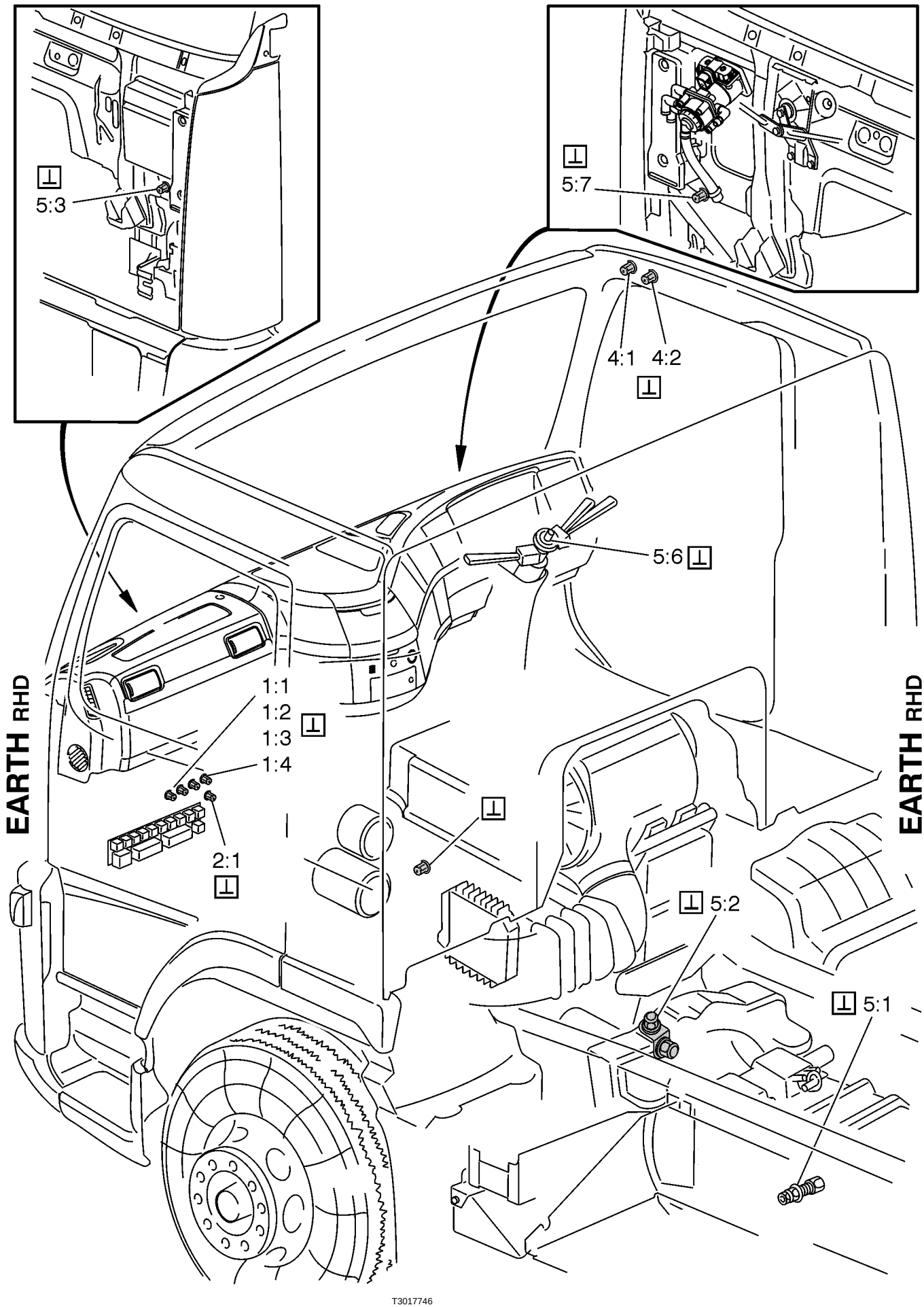
1063B
SI
PAS
1493
Power Steering RHD
AS12
1493-A
AS
1493-B
RSTS-EHY
A59
SW
1086
ABS/EBS Chassie
BN
1072
AirSuspension Chassie
RP/RT
1403
Retarder Chassie
PS
CLA CLF CLG CLH CLI CLM
CLN (VER-SAM) CLO (VER-SAM)
CFA CFB CFC CFD CFE CFF
Floor RHS
1007B
A06R
A29 Y43
1007C
Floor ECU
BAB
REF
A04A
I-SHIFT
PT
SP
Cab-Gearbox
1499
1403
Retarder
AC AB AA
A13 D
AGS
PT
SP
1499
Cab-Gearbox
A13 A
CC
GC
AR
1494
1403
Retarder
A13B/A13C
A16/D01
A12/A21
U06R11/R19
A75
A102
U06B11
A26
G05
U12
POWERTRONIC
SP
RP
PS
1494
Gearbox

Earth connections



T3017745


5:3
5:7
4:1
4:2
5:6
1:1
1:2
1:3
1:4
2:1
5:2
5:1
EARTH RHD
EARTH RHD
T3017746

List of earth connections

1:1	(IR:1 E)	4:1_5	(IH:0 E)	5:2	(AE:0 E)
1:1_A	(IR:1 E)	4:2_1	(BN:0 D)	5:2	(AE:2 E)
1:2_A	(BA:2 E)	4:2_1	(BN:1 D)	5:2	(AE:3 E)
1:2_B	(IS:0 E)	4:2_2	(HI:0 B)	5:3	(AA:3 E)
1:3	(AE:4 E)	4:2_3	(IQ:1 E)	5:4	(FI:3 D)
1:4	(AA:3 E)	4:2_4	(BN:1 D)	5:4	(FK:3 E)
1:4	(AC:2 D)	4:2_5	(KM:0 D)	5:6	(GQ:1 E)
1:4_B	(AA:4 E)	4:2_6	(NI:3 E)	5:7_1	(GE:1 D)
1:4_C	(HZ:1 D)	4:2_7	(NI:4 E)	5:7_2	(GH:2 D)
2:1_A	(CP:4 C)	5:1	(AA:0 E)	5:7_3	(GH:2 D)
2:1_C	(NI:0 E)	5:1	(AB:0 D)	5:7_4	(GG:2 C)
2:1_D	(ME:0 B)	5:1	(AB:2 D)	5:9_1	(AA:0 E)
2:1_E	(NA:2 D)	5:1	(AE:0 E)	5:9_1	(AB:0 D)
2:1_F	(BE:4 E)	5:1_1	(NA:4 D)	5:9_1	(AB:2 D)
4:1_1	(GA:1 E)	5:1_2	(NA:4 D)	5:9_1	(AE:0 E)
4:1_1	(GA:4 E)	5:2	(AA:0 E)	5:9_3	(AB:0 D)
4:1_2	(KI:2 B)	5:2	(AA:1 E)	5:9_3	(AB:2 D)
4:1_3	(KI:1 E)	5:2	(AA:2 E)		
4:1_4	(GA:0 E)	5:2	(AB:0 D)		
4:1_4	(IH:1 E)	5:2	(AB:2 D)		

List of connectors

ADR1:1 (AE:1 C)
ADR1:2 (AE:1 C)
ADR2:1 (AE:1 C)
ADR2:2 (AE:1 C)
ADR3:1 (AE:2 C)
ADR3:2 (AE:2 C)
ADR4:1 (AE:2 C)
ADR4:2 (AE:2 C)
AG:1 (FO:2 D)
AG:2 (FO:2 D)
AG:3 (FO:2 D)
AG:4 (FO:2 D)
AR:1 (DE:1 D)
AR:2 (DE:0 C)
AR:3 (DE:0 C)
AR:4 (DE:0 C)
AR:5 (DE:1 C)
AR:6 (DE:1 C)
AR:7 (DE:1 C)
AS:1 (FO:1 C)
AS:2 (FO:1 C)
AS:4 (FO:1 B)
AS:5 (FO:1 B)
AS:6 (FO:2 B)
AS:7 (FO:3 B)
AS:8 (FO:3 B)
AS:9 (FO:1 E)
AS12:1 (FO:3 C)
AS12:2 (FO:3 C)
AS12:3 (FO:3 C)
AS12:4 (FO:3 C)
AS12:5 (FO:2 C)
AS12:6 (FO:2 C)
AS12:7 (FO:2 C)
AS12:8 (FO:2 C)
AS12:9 (FO:1 C)
AS12:10 (FO:0 B)
AS12:11 (FO:0 B)
AS12:12 (FO:1 D)
AWD:3 (DU:2 C)
AWD:4 (DU:2 C)
AWD:5 (DU:4 C)
AWD:6 (DU:4 C)
AWD:8 (DU:2 D)
B07_1:1 (BI:2 C)
B07_1:2 (BI:2 D)
BA:1 (FI:1 C)
BA:1 (FK:1 D)
BA:2 (FI:2 C)
BA:2 (FK:3 D)
BA:3 (FI:0 C)
BA:3 (FK:0 D)
BA:5 (FK:1 D)
BA:7 (FI:3 B)
BA:7 (FK:3 C)
BA:8 (FK:1 D)
BAB:1 (XA:4 D)
BAB:2 (XA:2 D)
BAB:3 (XA:3 D)
BAB:4 (XA:2 D)
BAB:5 (XA:3 D)
BAB:6 (XA:2 D)
BAB:7 (XB:3 D)
BAB:8 (XA:3 C)
BAB:9 (XA:2 C)
BAB:10 (XB:3 D)
BAB:11 (XB:2 D)
BAB:12 (XB:2 D)
BAB:13 (XB:3 D)
BAB:14 (XB:1 D)
BAB:15 (XB:1 D)
BAB:16 (XB:3 D)
BAB:17 (XB:4 D)
BAB:18 (XB:1 D)
BB1:1 (AE:1 A)
BB1:2 (AE:0 D)
BB1:3 (AE:1 E)
BB1:4 (AE:1 A)
BB1:5 (AE:2 D)
BB1:6 (AE:2 D)
BB1:7 (AE:0 D)
BB2:1 (AE:0 C)
BB2:2 (AE:1 C)
BB2:3 (AE:1 D)
BB2:4 (AE:1 D)
BB3:1 (AB:0 B)
BB3:2 (AB:1 C)
BB3:3 (AB:1 D)
BB3:3 (AB:2 C)
BB3:4 (AB:0 B)
BB3:5 (AB:3 C)
BB3:6 (AB:0 B)
BCD:1 (XA:2 B)
BCD:2 (XA:3 B)
BCD:3 (XB:0 B)
BCD:4 (XA:2 B)
BCD:5 (XA:2 B)
BCD:6 (IX:2 D)
BCD:7 (XA:3 B)
BCD:8 (XA:3 B)
BCD:9 (XB:0 B)
BCD:10 (XA:3 B)
BCD:11 (XA:4 B)
BCD:12 (IX:2 D)
BCD:13 (XA:2 B)
BCD:14 (XA:4 B)
BCD:15 (XB:0 C)
BCD:16 (XB:0 C)
BL:1 (KM:0 C)
BL:3 (KM:0 D)
BL_2:1 (KM:1 D)
BL_2:2 (KM:1 D)
BL:3:1 (KM:0 C)
BN:1 (FA:1 A)
BN:2 (FA:1 D)
BN:3 (FA:1 D)
BN:4 (FA:2 D)
BN:5 (FA:0 B)
BN:6 (FA:1 B)
BN:7 (FA:1 B)
BN:8 (FA:2 D)
BN:9 (FA:0 B)
BN:10 (FA:1 D)
BN:11 (FA:1 B)
BN:12 (FA:1 B)
BN:13 (FA:1 B)
BN:14 (FA:0 D)
BN:15 (FA:1 D)
BN:16 (FA:1 D)
BN:16 (FG:1 C)
BN:17 (FA:1 D)
BN:18 (FA:1 D)
BN:18 (FG:0 C)
BN:19 (FA:0 D)
BN:20 (FA:0 D)
BN:21 (FM:0 C)
CA:1 (DQ:0 D)
CA:2 (GB:3 B)
CA:3 (DU:1 C)
CA:4 (DQ:0 C)
CA:5 (GB:3 B)
CA:6 (EO:3 B)
CA:9 (DU:1 C)
CA:10 (EO:3 B)
CA:11 (EO:3 B)
CA:12 (EO:3 B)
CA:13 (EO:3 B)
CA:14 (EO:3 B)
CA:15 (EO:3 B)
CA:16 (DU:1 D)
CA:17 (FU:0 C)
CA:18 (FU:0 D)
CA:19 (NC:0 C)
CA:19 (NU:0 C)
CA:20 (NC:1 C)
CA:20 (NU:1 C)
CB:1 (FQ:0 B)
CB:2 (FQ:0 D)
CB:3 (BA:0 D)
CB:3 (FQ:2 B)
CB:4 (BA:0 D)
CB:5 (FQ:2 D)
CB:6 (FQ:2 D)
CC/CJ:1 (IZ:2 B)
CC/CJ:2 (IZ:2 B)
CC/CJ:3 (IZ:1 A)
CC/CJ:4 (IZ:1 B)
CC/CJ:5 (IX:2 A)
CC:1 (DE:3 D)
CC:3 (DE:3 C)
CC:4 (DE:2 C)
CC:5 (DE:3 C)
CC:6 (DE:2 C)
CC:9 (DE:2 C)
CC:10 (DE:2 C)
CC:11 (DE:2 C)
CC:12 (DE:2 D)
CE:1 (CP:1 A)
CE:2 (CP:1 A)
CE:3 (CP:1 A)
CE:4 (CP:1 A)
CE:5 (CP:1 A)
CE:6 (CP:1 A)
CE:7 (CP:1 A)
CFB:16 (FG:2 C)
CFB:18 (FG:2 C)
CFD:1 (DM:3 C)
CFD:2 (DM:2 C)
CFD:3 (DM:2 C)
CFD:4 (DM:2 C)
CFD:5 (DM:2 C)
CFD:6 (DM:3 C)
CFD:7 (DM:3 C)
CFE:1 (FG:1 C)
CFE:2 (FG:2 C)
CFE:3 (FG:2 C)
CFE:4 (FG:2 C)
CFE:5 (FG:2 C)

CFE:6 (FG:2 C)
CFF:1 (CP:4 B)
CFF:2 (CP:3 B)
CFF:3 (CP:3 B)
CFF:4 (CP:4 C)
CFF:5 (CP:3 C)
CFF_2:1 (CP:4 B)
CFF_2:2 (CP:4 B)
CFF_2:3 (CP:3 B)
CFF_2:4 (CP:4 C)
CFF_2:5 (CP:3 C)
CLA:1 (IA:0 B)
CLA:2 (IA:1 B)
CLA:3 (BI:1 C)
CLA:4 (IA:0 D)
CLA:5 (IH:4 D)
CLA:6 (BI:3 D)
CLA:7 (BY:2 D)
CLA:7 (NK:0 D)
CLA:9 (AE:2 C)
CLA:10 (AE:2 C)
CLA:11 (AE:2 C)
CLA:12 (AE:2 C)
CLA:16 (IS:3 C)
CLA:17 (IS:3 C)
CLA:19 (IQ:3 C)
CLA:20 (BI:3 D)
CLA:21 (IQ:3 D)
CLB:1 (DB:1 C)
CLB:1 (DC:1 D)
CLB:2 (DB:1 C)
CLB:2 (DC:2 D)
CLB:3 (DB:0 C)
CLB:3 (DC:2 D)
CLB:4 (DB:0 C)
CLB:4 (DC:2 D)
CLB:5 (DB:0 B)
CLB:5 (DC:0 B)
CLB:5 (XB:2 E)
CLB:6 (DB:0 B)
CLB:6 (DC:0 B)
CLB:6 (XB:2 E)
CLB:7 (DB:0 D)
CLB:7 (DC:2 D)
CLB:8 (DB:0 D)
CLB:8 (DC:2 D)
CLB:9 (DB:0 C)
CLB:9 (DC:2 D)
CLB:11 (DB:3 C)
CLB:11 (DC:2 D)
CLB:12 (DC:2 D)
CLB:15 (DB:1 D)
CLB:15 (DC:2 D)
CLB_2:1 (DC:1 D)
CLB_2:2 (DC:2 D)
CLB_2:3 (DC:2 D)
CLB_2:4 (DC:2 D)
CLB_2:7 (DC:2 D)
CLB_2:8 (DC:2 D)
CLB_2:9 (DC:2 D)
CLB_2:11 (DC:2 D)
CLB_2:12 (DC:2 D)
CLB_2:15 (DC:2 D)
CLC:1 (HI:0 C)
CLC:2 (HI:0 C)
CLC:3 (HI:0 C)
CLC:4 (HI:2 C)
CLC:6 (HI:2 C)
CLC:7 (HI:3 C)
CLC:8 (HI:1 C)
CLC:9 (HI:1 C)
CLC:10 (HI:4 C)
CLC:11 (HI:3 C)
CLC:12 (HI:2 C)
CLD:1 (IX:0 C)
CLD:2 (IX:0 C)
CLD:3 (IX:1 C)
CLD:4 (IX:1 C)
CLE:1 (IA:1 B)
CLE:2 (IA:3 B)
CLE:3 (BI:1 C)
CLE:4 (IA:1 E)
CLE:5 (IH:4 D)
CLE:6 (BI:3 C)
CLE:7 (BY:2 D)
CLE:7 (NK:0 D)
CLE:8 (IH:4 C)
CLE:9 (AE:1 C)
CLE:9 (FA:2 D)
CLE:10 (AE:1 C)
CLE:10 (FA:2 D)
CLE:11 (AE:1 C)
CLE:11 (FA:2 D)
CLE:12 (AE:1 C)
CLE:12 (FA:2 D)
CLE:13 (FA:3 D)
CLE:14 (FA:3 D)
CLE:15 (FA:3 D)
CLE:16 (FA:3 D)
CLE:17 (IS:2 C)
CLE:18 (IS:2 C)
CLE:19 (FA:3 D)
CLE:20 (BI:3 C)
CLF:1 (IR:1 B)
CLF:2 (IR:1 B)
CLF:3 (IR:1 C)
CLF:4 (IR:1 C)
CLF:5 (IR:0 B)
CLF:6 (IR:0 B)
CLF:7 (IR:0 C)
CLF:8 (IR:0 C)
CLF:9 (IR:0 C)
CLF:10 (DB:2 B)
CLF:10 (DM:1 C)
CLF:11 (DB:1 D)
CLF:11 (DM:0 D)
CLF:12 (DM:0 C)
CLF:13 (XA:3 D)
CLF:14 (XA:2 D)
CLF:15 (XB:3 D)
CLF:16 (XB:2 D)
CLF:17 (FG:1 C)
CLF:18 (XA:2 C)
CLF:19 (XA:2 C)
CLF:20 (XB:1 C)
CLF:21 (XB:1 C)
CLG:1 (EE:0 B)
CLG:1 (EI:0 B)
CLG:1 (EO:0 C)
CLG:2 (EE:0 B)
CLG:2 (EI:0 B)
CLG:2 (EO:2 B)
CLG:3 (EE:3 B)
CLG:3 (EI:2 B)
CLG:4 (EO:2 C)
CLG:5 (EO:2 C)
CLG:6 (EE:3 B)
CLG:6 (EI:3 B)
CLG:6 (EO:1 C)
CLG:7 (EO:1 C)
CLG:8 (EO:1 C)
CLG:9 (EO:0 C)
CLG:10 (EO:0 C)
CLG:11 (EO:1 C)
CLG:12 (EO:1 C)
CLG:13 (EO:0 D)
CLG:14 (EO:0 D)
CLG:15 (EO:1 D)
CLG:16 (EO:3 C)
CLG:17 (EO:3 C)
CLG:18 (EO:3 C)
CLG:20 (EE:4 D)
CLG:20 (EI:4 C)
CLG:20 (EO:0 D)
CLG:21 (EI:0 C)
CLH:1 (FA:3 B)
CLH:1 (FK:2 B)
CLH:2 (FA:4 C)
CLH:3 (FA:2 B)
CLH:3 (FK:2 B)
CLH:4 (FG:0 C)
CLH:4 (FK:2 B)
CLH:5 (FA:2 B)
CLH:5 (FK:2 B)
CLH:6 (FA:2 D)
CLH:6 (FK:2 B)
CLH:7 (FA:2 D)
CLH:8 (FA:2 D)
CLH:9 (FA:2 D)
CLH:10 (FA:3 D)
CLH:11 (FA:3 D)
CLH:12 (FA:3 D)
CLH:13 (FM:0 B)
CLH:14 (FG:0 C)
CLH:15 (FG:0 C)
CLH:16 (FA:3 B)
CLH:17 (FA:3 B)
CLH:18 (FG:1 C)
CLH:19 (FG:1 C)
CLH:20 (FA:3 C)
CLH:21 (FA:3 D)
CLI:1 (EO:0 D)
CLI:2 (EO:1 D)
CLI:3 (EO:1 D)
CLI:4 (EO:1 D)
CLI:5 (EO:3 C)
CLI:6 (EO:3 C)
CLI:7 (EO:3.C)
CLI:8 (EO:3 C)
CLI:9 (EO:3 C)
CLI:10 (EO:3 C)
CLI:11 (EO:4 C)
CLI:12 (EO:4 C)
CLM:1 (BE:1 B)
CLM:2 (BE:1 B)
CLM:3 (BE:2 B)
CLM:4 (BE:1 C)
CLM:5 (BE:1 C)
CLM:6 (BE:3 C)
CLM:7 (BE:3 C)
CLM:8 (BE:3 C)
CLM:9 (FA:3 D)
CLN:1 (BY:1 B)
CLN:2 (BY:1 C)

CLN:3	(BY:2 C)	CUB:17	(GC:3 B)	DP:6	(BU:0 D)
CLN:4	(BY:2 C)	CUB:18	(IH:3 B)	DP:7	(BU:1 D)
CLN:5	(BY:2 C)	CUB2/CUB:11	(IU:0 B)	DP:8	(BU:1 D)
CLN:6	(BY:3 C)	CUB2/CUB:12	(KI:1 B)	DP:9	(BU:1 D)
CLN:7	(BY:3 C)	CUB2/CUB:13	(IM:0 B)	DP:10	(BU:1 D)
CLN:8	(BY:4 C)	CUB2/CUB:14	(HI:2 C)	DP:11	(BU:1 D)
CLN:9	(BY:1 D)	CUB2/CUB:15	(HI:2 B)	DP:12	(BU:1 D)
CLN:10	(BY:1 D)	CUB2/CUB:18	(IH:3 B)	DPA:1	(IM:2 C)
CLO:1	(BY:2 D)	CUC:1	(IH:3 C)	DPA:3	(IE:3 B)
CLO:2	(BY:3 D)	CUC:2	(IH:3 C)	DPA:4	(IE:3 B)
CLO:4	(BY:2 D)	CUC:3	(IH:1 B)	DPA:5	(IH:2 C)
CLO:5	(BY:2 D)	CUC:4	(IH:0 B)	DPA:6	(IE:3 B)
CUA:1	(GA:1 C)	CUC:5	(IH:3 B)	DPA:7	(IM:2 C)
CUA:2	(GA:4 C)	CUC:6	(IQ:1 C)	DPA:8	(IM:2 C)
CUA:3	(IH:1 B)	CUC:7	(IQ:0 C)	DPA:9	(IM:2 C)
CUA:4	(IH:0 B)	CUC:8	(IQ:1 C)	DPA:10	(IU:1 D)
CUA:5	(IH:3 B)	CUC:9	(IU:2 D)	DPA:11	(IU:2 D)
CUA:6	(IH:3 C)	CUC:10	(IU:2 D)	DPA:12	(IH:2 C)
CUA:7	(IQ:0 B)	CUC:11	(IU:2 D)	DS_L:1	(NU:2 C)
CUA:8	(KM:0 C)	CUC:12	(IU:2 D)	DS_L:2	(NU:2 D)
CUA:9	(NI:1 B)	CUC:13	(HI:1 B)	DS_R:1	(GQ:0 B)
CUA:10	(NI:1 B)	CUC:14	(HI:1 B)	DS_R:1	(NU:2 C)
CUA:11	(KI:1 C)	CUC:15	(HI:1 B)	DS_R:2	(GQ:0 C)
CUA:12	(IH:3 C)	CUC:16	(HI:1 B)	DS_R:2	(NU:2 D)
CUA:13	(IU:2 D)	CUC:17	(IH:3 B)	DZ:1	(BU:0 B)
CUA:14	(IU:2 D)	CUC:18	(IH:0 D)	DZ:2	(BU:1 B)
CUA:15	(IU:2 D)	CUC:19	(HI:3 B)	DZ:3	(BU:1 B)
CUA:16	(IU:2 D)	CUC:20	(HI:3 C)	E03_L-:1	(NI:2 D)
CUA:17	(HI:1 C)	CUC:21	(HI:2 A)	E03_L+:1	(NI:2 D)
CUA:18	(HI:1 B)	CUD:1	(IH:1 B)	E03_R-:1	(NI:2 D)
CUA:19	(HI:1 C)	CUD:2	(IH:1 B)	E03_R+:1	(NI:2 D)
CUA:20	(HI:1 C)	CUD:3	(IH:1 D)	E27:1	(GF:3 C)
CUA:21	(GB:0 B)	CUE:1	(IH:0 B)	E27:2	(GF:3 C)
CUB/TACH:1	(BM:1 A)	CUE:3	(IH:0 D)	E27:3	(GF:3 C)
CUB/TACH:2	(BM:3 C)	CUF:1	(HI:0 B)	E27:4	(GF:3 C)
CUB/TACH:3	(BM:1 A)	CUF:2	(HI:0 B)	E27:5	(GF:3 C)
CUB/TACH:4	(BM:2 A)	CUG:1	(NK:2 C)	E27:6	(GF:3 C)
CUB/TACH:5	(BM:3 A)	CUG:2	(NK:2 C)	E27:7	(GF:3 C)
CUB/TACH:6	(BM:3 C)	CUG:4	(NK:2 C)	E27_1:1	(GF:0 C)
CUB/TACH:7	(BM:2 C)	CUG:5	(NK:3 C)	E27_1:2	(GF:0 C)
CUB/TACH:8	(BM:2 C)	DDA:1	(IM:1 C)	E27_1:3	(GF:1 C)
CUB/TACH:9	(BM:2 C)	DDA:2	(IE:0 B)	E27_1:4	(GF:1 C)
CUB/TACH:10	(BM:2 C)	DDA:3	(IE:1 A)	E27_1:5	(GF:1 C)
CUB/TACH:11	(IU:0 B)	DDA:4	(IE:2 B)	E27_1:7	(GF:0 C)
CUB/TACH:12	(KI:1 C)	DDA:5	(IH:2 C)	EA:1	(CS:1 B)
CUB/TACH:13	(IM:0 B)	DDA:6	(IE:3 B)	EA:2	(CS:1 B)
CUB/TACH:14	(HI:2 B)	DDA:7	(IM:1 C)	EA:3	(CS:2 B)
CUB/TACH:15	(HI:2 B)	DDA:8	(IM:1 C)	EA:4	(CS:1 B)
CUB/TACH:16	(GC:3 B)	DDA:9	(IM:1 C)	EM:1	(CM:1 D)
CUB/TACH:17	(GC:3 B)	DDA:10	(IU:1 D)	EM:1	(CO:1 B)
CUB/TACH:18	(IH:3 A)	DDA:11	(IU:1 D)	EM:1	(CS:3 B)
CUB:1	(BN:1 B)	DDA:12	(IH:2 C)	EM:2	(CM:2 D)
CUB:2	(BN:3 C)	DDA:13	(IE:0 C)	EM:2	(CO:2 B)
CUB:3	(BN:1 B)	DDA:14	(IE:1 C)	EM:2	(CS:3 B)
CUB:4	(BN:3 B)	DDA:15	(IE:1 C)	EM:3	(CM:2 D)
CUB:5	(BN:3 B)	DDB:1	(IE:1 C)	EM:3	(CO:2 B)
CUB:6	(BN:3 C)	DDB:2	(IE:2 C)	EM:3	(CS:3 B)
CUB:7	(BN:2 C)	DDB:3	(IE:2 C)	EM:4	(CM:1 D)
CUB:8	(BN:2 C)	DDB:4	(IE:0 C)	EM:4	(CO:1 B)
CUB:9	(BN:2 C)	DDB:5	(IE:0 B)	EM:4	(CS:3 B)
CUB:10	(BN:2 C)	DDB:6	(IE:0 B)	EM:5	(CM:1 D)
CUB:11	(BN:3 C)	DDB:7	(IE:1 B)	EM:5	(CO:2 B)
CUB:11	(IU:0 B)	DDB:9	(IE:2 B)	EM:5	(CS:3 B)
CUB:12	(KI:1 B)	DP:1	(BU:0 A)	EM:6	(CM:2 D)
CUB:13	(IM:0 B)	DP:2	(BU:0 A)	EM:6	(CO:3 B)
CUB:14	(HI:2 C)	DP:3	(BU:1 D)	EM:6	(CS:2 B)
CUB:15	(HI:1 B)	DP:4	(BU:0 D)	EM:7	(CM:3 D)
CUB:16	(GC:3 A)	DP:5	(BU:0 D)	EM:7	(CO:4 B)

EM:8 (CS:2 B)
EM:9 (CM:1 D)
EM:9 (CO:1 B)
EM:9 (CS:3 B)
EM:10 (CM:0 D)
EM:10 (CO:3 B)
EM:10 (CS:3 D)
EM:11 (CM:2 D)
EM:11 (CO:0 B)
EM:12 (CM:0 D)
EM:12 (CO:4 B)
EM:12 (CS:2 B)
EMB:1 (IF:0 D)
EMB:2 (IF:1 D)
EN:1 (AA:3 D)
EN:1 (AE:3 D)
EN:2 (AA:3 D)
EN:2 (AE:3 D)
EN:3 (HG:0 D)
EN:3 (HY:2 D)
EN:4 (AA:2 D)
EPR:1 (CM:2 B)
EPR:3 (CM:3 B)
EPR:4 (CM:2 C)
EQ_A:1 (EO:4 B)
EQ_A:2 (EO:4 B)
EQ_A:3 (EO:4 B)
EQ_A:4 (EO:4 C)
EXT:1 (HZ:1 B)
EXT:2 (HZ:1 B)
FA:1 (BI:4 B)
FA:2 (FA:2 B)
FA:3 (FA:2 B)
FA:5 (GA:2 C)
FA:5 (NI:1 A)
FA:6 (BA:0 C)
FA:7 (BI:1 C)
FA:8 (GA:4 C)
FA:8 (NA:0 A)
FA:9 (GB:3 D)
FA:9 (NA:0 A)
FA:10 (GC:3 B)
FA:10 (NA:0 A)
FA:10 (NU:2 B)
FA:11 (GB:0 A)
FA:11 (NA:3 A)
FA:12 (BA:1 D)
FA:13 (GQ:2 C)
FA:14 (AA:2 A)
FA:16 (GG:1 A)
FA:17 (GG:1 A)
FA:18 (GG:1 A)
FA:19 (GG:1 A)
FA:20 (GG:0 A)
FA:21 (GG:0 A)
FB:1 (KI:2 A)
FB:3 (KI:2 B)
FE:1 (ME:1 B)
FE:1 (NC:0 B)
FE:1 (NU:0 A)
FE:2 (ME:1 B)
FE:2 (NC:0 B)
FE:2 (NU:0 A)
FE:3 (ME:1 B)
FE:3 (NC:1 B)
FE:3 (NU:0 A)
FE_B:1 (IF:1 A)
FE_B:2 (IF:1 A)
FE_B:3 (IF:1 A)
FE_BR:1 (IF:2 A)
FE_BR:2 (IF:2 A)
FE_BR:3 (IF:1 A)
FE2:1 (NC:1 B)
FE2:1 (NU:0 B)
FE2:2 (NC:0 B)
FE2:2 (NU:0 B)
FE2:3 (NC:1 B)
FE2:3 (NU:0 B)
FL:1 (GA:2 D)
FL:2 (GA:2 C)
FL:3 (GA:2 C)
FL:4 (NK:3 D)
FL:5 (NK:3 D)
FL:6 (GA:2 C)
FL:7 (GA:2 C)
FL:8 (GA:1 C)
FL:9 (GA:3 C)
FL:10 (GQ:1 C)
FL:11 (GQ:1 B)
FL:12 (GQ:1 B)
FL:13 (GU:0 D)
FL:14 (GU:0 D)
FL:15 (GU:0 D)
FL:16 (GQ:1 C)
FL:20 (BE:1 D)
FL:21 (BE:1 D)
FL:22 (BE:1 D)
FL:23 (BE:1 E)
FL:25 (GA:2 D)
FL:29 (KA:0 C)
FMS:1 (BX:1 D)
FMS:2 (BX:1 D)
FR:1 (GA:3 D)
FR:2 (GA:3 C)
FR:3 (GA:3 C)
FR:4 (NK:3 D)
FR:5 (NK:4 D)
FR:6 (GA:2 C)
FR:7 (GA:3 C)
FR:8 (GA:4 C)
FR:9 (GA:3 C)
FR:10 (GM:0 C)
FR:11 (GM:0 C)
FR:13 (GU:1 D)
FR:14 (GU:1 D)
FR:15 (GU:1 D)
FR:16 (GM:1 C)
FR:17 (BI:2 C)
FR:18 (BI:2 D)
FR:25 (GA:3 D)
FR:29 (KA:0 C)
FS:1 (KI:1 C)
FS:2 (KI:1 D)
FS:3 (KI:1 D)
FS_2:1 (KI:0 C)
FS_2:2 (KI:0 D)
FT:1 (IR:0 D)
FT:2 (IR:0 D)
FT:3 (IR:1 D)
GA:1 (GB:3 D)
GA:2 (BI:1 D)
GA:3 (BI:1 C)
GA:4 (BA:1 B)
GA:5 (BA:0 B)
GA:6 (BA:0 C)
GA:7 (BA:0 C)
GB:1 (BI:2 C)
GB:2 (BI:2 D)
GB:3 (BM:2 D)
GB:4 (BM:2 D)
GB:5 (BM:2 D)
GB:6 (BM:2 D)
GC:1 (DE:0 B)
GC:2 (DE:0 B)
GC:3 (DE:0 B)
GC:4 (DE:0 B)
GC:7 (DE:2 B)
GC:8 (DE:2 B)
GC:10 (DE:3 E)
GC:11 (DE:0 B)
GC:12 (DE:0 C)
GD:2 (HZ:1 C)
IDA:1 (GA:1 C)
IDB:1 (GA:0 D)
IS:1 (DE:3 B)
IS:2 (DE:3 B)
IS:3 (DE:2 C)
IS:4 (DE:2 C)
JV/JC:1 (DB:0 D)
JV/JC:2 (KA:1 D)
JV/JC:3 (DQ:1 B)
JV/JC:4 (AE:3 B)
JV/JC:5 (AE:3 B)
JV/JC:6 (AE:3 B)
JV/JC:7 (AC:1 D)
JV/JC:7 (AE:4 D)
JV/JC:8 (CP:1 B)
JV/JC:8 (HI:3 D)
JV/JC:9 (AA:3 B)
JV/JC:9 (BA:0 C)
JV/JC:10 (FU:0 D)
JV/JC:11 (BA:3 C)
JV/JC:12 (BA:3 D)
JV/JC:13 (IM:2 C)
JV/JC:15 (BU:0 B)
JV/JC:16 (IM:2 A)
JV/JC:17 (HP:0 D)
JV/JC:18 (KM:1 C)
JV/JC:19 (BI:2 D)
JV/JC:20 (BU:1 B)
JV/JC:21 (IX:2 B)
KV/KC:1 (GB:0 B)
KV/KC:2 (GB:0 B)
KV/KC:3 (GB:0 B)
LI:1 (FG:0 B)
LI:2 (FG:0 B)
LI:3 (FG:0 B)
LI:4 (FG:1 B)
LI:5 (FG:1 B)
LI:6 (FG:1 B)
MA:1 (CS:2 A)
MA:1 (HG:0 C)
MA:1 (HY:2 D)
MA:2 (AA:2 C)
MA:2 (CS:1 A)
MA:3 (CM:2 C)
MA:3 (CS:3 A)
MA:4 (CM:2 C)
MA:5 (CM:1 C)
MA:5 (CS:3 A)
MA:6 (CS:3 A)
MA:7 (CM:2 C)
MA:7 (CS:2 A)
MA:8 (CM:2 C)

MA:9 (AC:4 D)
MA:9 (AE:4 D)
MA:11 (CM:1 C)
MA:11 (CP:0 A)
MA:11 (CS:3 A)
MA:12 (CM:0 C)
MA:12 (CS:4 A)
MA:13 (AA:3 D)
MA:13 (AE:3 D)
MA:13 (CS:1 A)
MA:14 (CM:3 C)
MA:15 (BA:0 D)
MA:15 (CM:1 C)
MA:15 (CP:0 A)
MA:15 (CS:3 A)
MA:16 (BI:0 D)
MA:16 (CS:1 A)
MA:17 (CM:0 C)
MA:17 (CU:0 C)
MA:19 (CP:0 A)
MA:19 (CS:2 B)
MA:20 (CP:0 A)
MA:20 (CS:2 A)
MB:1 (BI:2 D)
MB:2 (BA:0 C)
MB:4 (BA:1 B)
MB:5 (BI:2 C)
MB:8 (BI:1 D)
MB:9 (BA:0 B)
MB:14 (BI:1 C)
MB:15 (GB:3 D)
MB:16 (BA:0 C)
MC:1 (EO:0 D)
MC:2 (EO:1 D)
MC:3 (EO:1 D)
MC:4 (EO:1 D)
MC:5 (EO:1 D)
MC:6 (NU:2 C)
MC:7 (NU:2 D)
MC:8 (NK:1 C)
MC:9 (NK:1 D)
MOT:1 (HZ:2 C)
MOT:2 (HZ:2 C)
MOT:3 (HZ:1 C)
MOT:4 (HZ:2 C)
MP:1 (CO:3 C)
MT:1 (CS:1 C)
MT:2 (CS:1 C)
MT:3 (CS:3 D)
MT:5 (CS:2 D)
MT:6 (CS:2 D)
MT:7 (CS:2 D)
MT:8 (CS:2 D)
MT:9 (CS:4 B)
MT:10 (CS:4 B)
OH:1 (GE:1 B)
OH:2 (GE:2 B)
OH:3 (GE:1 B)
OH:4 (GE:2 B)
OH:9 (GE:1 B)
OH:13 (GE:1 B)
OH:14 (GE:2 B)
OH:17 (GE:1 B)
OH:18 (GE:3 B)
OH:24 (GE:1 D)
PAS:1 (FP:0 C)
PAS:2 (FP:1 C)
PAS:3 (FP:1 C)
PAS:6 (FP:0 D)
PH_1:1 (HM:0 B)
PH_1:2 (HM:0 B)
PH_1:3 (HM:2 B)
PH_1:4 (HM:1 B)
PH_1:5 (HM:2 B)
PH_1:6 (HM:2 C)
PH_1:7 (HM:2 D)
PH_1:8 (HM:0 D)
PH_1:9 (HM:0 D)
PH_1:10 (HM:3 D)
PH_1:11 (HM:1 B)
PH_2:1 (HP:0 B)
PH_2:2 (HP:0 C)
PH_2:3 (HP:0 D)
PL:1 (NC:3 C)
PL:2 (NA:1 C)
PL:3 (NA:1 C)
PL:4 (NA:1 C)
PL:5 (NA:2 C)
PL:6 (NA:2 C)
PL:7 (NC:1 C)
PL:7 (NU:1 C)
PL:8 (NA:4 C)
PL:9 (NC:1 C)
PL:9 (NU:1 C)
PL:10 (NC:2 C)
PL:10 (NU:2 C)
PL:11 (NA:0 C)
PL:12 (NA:1 C)
PL:13 (NC:2 C)
PL:13 (NU:1 C)
PL:14 (NC:2 C)
PL:14 (NU:1 C)
PL:15 (NC:2 C)
PL:15 (NU:2 C)
PL:16 (NC:2 C)
PL:16 (NU:2 C)
PL:17 (NC:2 C)
PL:17 (NU:2 C)
PL:18 (NA:3 C)
PL:19 (NC:3 C)
PL:20 (NC:3 C)
PL:20 (NU:2 C)
PL:21 (NC:3 C)
PL:21 (NU:3 C)
PS:1 (DI:0 C)
PS:2 (DI:0 C)
PS:3 (DI:0 C)
PS:4 (DI:0 C)
PS:5 (DI:0 C)
PS:6 (DI:0 C)
PS:7 (DI:1 C)
PS:8 (DI:1 C)
PS:9 (DI:1 C)
PS:14 (DI:1 C)
PS:15 (DI:1 C)
PS:16 (DI:1 C)
PS:17 (DI:1 C)
PS:18 (DI:1 C)
PS:19 (DI:1 C)
PS:20 (DI:1 C)
PS:21 (DI:1 C)
PT:1 (DE:0 B)
PT:1 (DN:1 B)
PT:2 (DE:0 B)
PT:2 (DN:1 B)
PT:3 (DE:0 B)
PT:3 (DN:1 B)
PT:4 (DE:0 B)
PT:4 (DN:1 B)
PT:6 (DE:0 B)
PT:6 (DN:0 B)
PT:7 (DE:0 D)
PT:7 (DN:0 B)
PT:8 (DN:0 B)
PT:9 (DN:0 B)
PW:1 (AB:4 C)
PW:2 (AB:3 C)
PW:3 (AE:0 C)
PW:4 (AE:1 C)
PW:5 (AE:1 D)
PW:6 (AE:1 D)
PW:7 (AE:2 D)
PW:8 (AE:2 D)
PW:9 (BI:2 D)
PW:10 (BI:2 C)
PW:11 (BI:2 C)
PW:12 (GB:0 D)
PW:13 (AB:2 B)
PW:14 (AE:2 D)
PW:15 (CM:3 B)
PW:16 (CM:2 B)
PW:17 (CM:2 C)
PW:18 (AB:0 B)
PW:19 (IQ:3 C)
PW:20 (IQ:3 D)
PW:21 (AB:0 B)
RA:1 (GC:2 E)
RA:2 (GC:1 B)
RA:3 (GC:1 B)
RA:4 (GC:1 B)
RA:5 (GC:2 B)
RA:6 (GC:2 B)
RA:7 (GC:1 B)
RA:8 (GC:1 B)
RA:9 (GC:2 B)
RA:10 (GC:2 B)
RA:11 (GC:2 B)
RA:12 (BI:2 C)
RA:13 (BI:2 D)
RA:14 (DU:3 C)
RA:15 (HI:0 C)
RA:15 (HM:0 D)
RA:16 (HI:0 C)
RA:16 (HM:0 D)
RA:17 (DU:3 C)
RA:19 (BY:2 D)
RC:1 (BY:3 D)
RC:2 (GG:0 B)
RC:2 (GK:0 A)
RC:3 (GG:0 B)
RC:3 (GK:1 A)
RC:4 (GG:0 B)
RC:4 (GK:1 A)
RC:5 (GG:0 B)
RC:5 (GK:1 A)
RC:6 (GG:0 B)
RC:6 (GK:1 A)
RC:7 (GG:1 B)
RC:8 (BY:3 D)
RC:9 (GG:1 B)
RC:10 (GG:1 B)
RC:10 (GK:1 A)
RC:11 (GG:1 B)
RC:12 (GG:1 B)

RC:14	(GG:1 B)	SM_F:2	(GC:0 C)	SW_2:3	(EO:1 D)
RC:15	(GC:0 B)	SM_F:4	(GC:3 D)	SW_2:4	(EO:1 D)
RC:16	(GC:2 B)	SM_O:1	(GE:2 B)	SW_2:5	(EO:2 D)
RC:17	(GG:0 B)	SM_O:2	(GE:1 B)	SW_2:6	(EO:2 D)
RC:18	(GG:0 B)	SM_O:4	(GE:1 B)	SW_2:7	(EO:2 D)
RC:19	(GK:1 A)	SM_R:1	(GC:3 C)	SW_2:8	(EO:2 D)
RC:19	(KE:0 C)	SM_R:2	(GC:0 C)	SW_2:9	(EO:3 D)
RC:20	(GK:1 A)	SM_R:4	(GC:3 D)	SX:1	(GG:1 C)
RC:20	(KE:0 D)	SP:1	(BM:2 C)	SX:1	(GK:2 C)
RC:21	(CP:3 A)	SP:2	(BM:2 C)	SX:2	(GG:1 C)
RC:21	(GK:1 A)	SP:3	(BM:2 C)	SX:3	(GG:3 C)
RC_2:2	(GH:1 B)	SP:4	(BM:2 C)	SX:3	(GK:3 C)
RC_2:3	(GH:1 B)	SS:1	(BE:3 D)	SX:4	(GG:0 C)
RC_2:4	(GH:1 B)	SS:2	(BE:3 D)	SX:4	(GK:2 C)
RC_2:5	(GH:1 B)	SS:3	(BE:1 C)	SX:5	(GG:1 C)
RC_2:6	(GH:1 B)	SS:4	(BE:1 C)	SX:6	(GG:0 C)
RC_2:7	(GH:1 B)	ST:1	(GG:4 B)	SX:6	(GK:2 C)
RC_2:9	(GH:1 B)	ST:1	(GK:3 A)	SX:7	(GG:3 C)
RC_2:10	(GH:1 B)	ST_2:1	(GH:3 B)	SX:7	(GK:3 C)
RC_2:11	(GH:1 B)	ST_3:1	(CP:3 A)	SX:8	(GG:3 C)
RC_2:12	(GH:1 B)	SW_1:1	(EE:0 C)	SX:8	(GK:3 C)
RC_2:14	(GH:0 B)	SW_1:1	(EI:0 C)	SX:10	(GG:0 C)
RC_2:17	(GH:0 B)	SW_1:2	(EE:0 C)	SX:10	(GK:2 C)
RC_2:18	(GH:0 B)	SW_1:2	(EI:0 C)	SX:11	(GG:0 C)
RC_2:19	(GH:0 B)	SW_1:3	(EE:0 D)	SX:11	(GK:2 C)
RC_2:20	(GH:0 B)	SW_1:3	(EI:1 C)	SX:12	(GG:0 C)
REF:1	(IQ:3 C)	SW_1:4	(EE:1 C)	SX:12	(GK:2 C)
REF:2	(IQ:3 D)	SW_1:4	(EI:1 C)	SX:15	(GG:3 C)
REV:1	(NU:2 C)	SW_1:5	(EE:1 C)	SX:15	(GK:3 C)
RF:1	(IQ:3 C)	SW_1:5	(Ei:1 C)	SX:18	(GG:1 C)
RF:4	(IQ:3 D)	SW_1:6	(EE:1 D)	SX:20	(GG:0 C)
RP:1	(DI:2 C)	SW_1:6	(EI:1 C)	SX:21	(GG:0 C)
RP:2	(DI:2 C)	SW_1:7	(EE:2 C)	SX:24	(GG:1 C)
RP:3	(DI:2 C)	SW_1:7	(EI:2 C)	SX:24	(GK:3 C)
RP:4	(DI:2 C)	SW_1:8	(EE:2 C)	SX:25	(GG:1 C)
RP:5	(DI:2 C)	SW_1:8	(EI:2 C)	SX:29	(GG:1 C)
RP:6	(DI:2 C)	SW_1:9	(EE:2 D)	SX:30	(GG:4 C)
RP:7	(DI:2 C)	SW_1:9	(EI:2 C)	SX:30	(GK:3 C)
RP:8	(DI:2 B)	SW_1:10	(EE:3 C)	SX:31	(GG:2 C)
RP:9	(DI:2 B)	SW_1:10	(EI:3 C)	SX:31	(GK:2 C)
RT:1	(DM:3 C)	SW_1:11	(EE:3 C)	TA:1	(GA:2 D)
RT:2	(DM:2 C)	SW_1:11	(EI:3 C)	TA:2	(GA:2 C)
RT:3	(DM:2 C)	SW_1:12	(EE:3 D)	TA:3	(GA:2 C)
RT:4	(DM:2 C)	SW_1:12	(EI:3 C)	TA:4	(KA:0 C)
RT:5	(DM:2 C)	SW_1:13	(EE:0 C)	TA:5	(NK:3 C)
RT:6	(DM:3 C)	SW_1:13	(EI:0 C)	TA:6	(GA:2 C)
RT:7	(DM:3 C)	SW_1:14	(EE:0 C)	TA:7	(GA:2 C)
SI:1	(GG:3 B)	SW_1:14	(EI:0 C)	TA:8	(GA:1 C)
SI:1	(GK:3 A)	SW_1:15	(EE:1 C)	TA:9	(GA:3 C)
SI:2	(GG:3 B)	SW_1:15	(EI:1 C)	TA:10	(GQ:1 C)
SI:2	(GK:3 A)	SW_1:16	(EE:1 C)	TA:11	(GQ:1 B)
SI:4	(GG:3 B)	SW_1:16	(EI:1 C)	TA:12	(GA:2 D)
SI:4	(GK:4 A)	SW_1:17	(EE:2 C)	TA:13	(GU:0 C)
SI:5	(GG:3 B)	SW_1:17	(EI:2 C)	TA:14	(GU:0 C)
SI:5	(GK:4 A)	SW_1:18	(EE:2 C)	TA:15	(GU:0 C)
SI_2:1	(GH:3 B)	SW_1:18	(EI:2 C)	TA:16	(GQ:1 C)
SI_2:2	(GH:3 B)	SW_1:19	(EE:3 C)	TA:17	(NK:3 C)
SI_2:4	(GH:3 B)	SW_1:19	(EI:3 C)	TA:18	(GM:0 C)
SI_2:5	(GH:3 B)	SW_1:20	(EE:3 C)	TA:19	(GM:0 C)
SI_3:1	(CP:3 A)	SW_1:20	(EI:3 C)	TA_2:1	(GI:1 D)
SI_3:2	(CP:3 A)	SW_2:1	(EO:3 D)	TA_2:2	(GI:2 B)
SLF:1	(NI:0 D)	SW_2:10	(EO:3 D)	TA_2:3	(GI:1 B)
SLF:2	(NI:0 E)	SW_2:11	(EO:4 D)	TA_2:6	(GI:1 B)
SLR:1	(NI:1 C)	SW_2:12	(EO:4 D)	TA_2:7	(GI:1 B)
SLR:2	(NI:1 C)	SW_2:13	(EO:3 D)	TA_2:8	(GI:1 B)
SLR_2:1	(NI:1 C)	SW_2:14	(EO:3 D)	TA_2:9	(GI:2 B)
SLR_2:2	(NI:1 C)	SW_2:15	(EO:4 D)	TA_2:12	(GI:1 D)
SM_F:1	(GC:3 C)	SW_2:2	(EO:3 D)	TB:1	(GA:3 D)

TB:2	(GA:3 C)	X02:1	(GK:3 E)	X04:3	(GK:2 E)
TB:3	(GA:3 C)	X02:2	(GG:3 E)	X04:4	(GG:2 E)
TB:4	(KA:0 C)	X02:2	(GK:3 E)	X04:4	(GK:2 E)
TB:5	(NK:3 C)	X02:3	(GG:3 E)	X04:5	(GG:2 E)
TB:6	(GA:2 C)	X02:3	(GK:3 E)	X04:5	(GK:2 E)
TB:7	(GA:3 C)	X02:4	(GG:3 E)	X04:6	(GG:2 E)
TB:8	(GA:4 C)	X02:4	(GK:3 E)	X04:6	(GK:2 E)
TB:9	(GA:3 C)	X02:5	(GG:3 E)	X04:6	(GG:2 E)
TB:10	(GM:0 C)	X02:5	(GK:3 E)	X04:7	(GK:2 E)
TB:11	(GM:0 C)	X02:6	(GG:3 E)	X04_2:1	(GH:2 D)
TB:12	(GA:3 D)	X02:6	(GK:3 E)	X04_2:2	(GH:2 D)
TB:13	(GU:1 C)	X02:7	(GG:3 E)	X04_2:3	(GH:2 D)
TB:14	(GU:1 C)	X02:7	(GK:3 E)	X04_2:4	(GH:2 D)
TB:15	(GU:1 C)	X02_2:1	(GH:3 D)	X04_2:5	(GH:2 D)
TB:16	(GM:1 C)	X02_2:2	(GH:3 D)	X04_2:6	(GH:3 D)
TB:17	(NK:4 C)	X02_2:3	(GH:3 D)	X04_2:7	(GH:3 D)
TB:18	(BI:2 D)	X02_2:4	(GH:3 D)	X05:1	(GG:3 E)
TB:19	(GQ:2 B)	X02_2:5	(GH:3 D)	X05:2	(GG:2 E)
TB:20	(GQ:0 C)	X02_2:6	(GH:3 D)	X05:3	(GG:2 E)
TB:21	(BI:2 D)	X02_2:7	(GH:3 D)	X05:4	(GG:2 E)
TB_2:1	(GI:3 D)	X03:1	(GG:0 E)	X05:5	(GG:3 E)
TB_2:2	(GI:3 B)	X03:2	(GG:0 E)	X05:7	(GG:3 E)
TB_2:3	(GI:3 B)	X03:3	(GG:1 E)	X06:1	(NC:3 D)
TB_2:6	(GI:2 B)	X03:4	(GG:1 E)	X06:2	(NA:1 D)
TB_2:7	(GI:3 B)	X03:5	(GG:0 E)	X06:3	(NA:1 D)
TB_2:8	(GI:2 B)	X03:6	(GG:0 E)	X06:4	(NA:1 D)
TB_2:9	(GI:3 B)	X03:7	(GG:0 E)	X06:5	(NA:2 D)
TB_2:12	(GI:3 D)	X03:8	(GG:1 E)	X06:6	(NA:2 D)
TB_2:18	(BI:0 E)	X03:9	(GG:1 E)	X06:7	(NC:1 D)
TB_2:21	(BI:0 D)	X03:10	(GG:1 E)	X06:7	(NU:1 D)
TD:1	(IE:0 C)	X03:11	(GG:1 E)	X06:8	(NC:4 C)
TD:2	(IE:0 D)	X03:12	(GG:1 E)	X06:9	(NC:1 D)
TD:3	(IE:0 C)	X03:13	(GG:1 E)	X06:9	(NU:1 D)
TD:4	(IE:1 C)	X03:14	(GG:0 E)	X06:10	(NC:2 D)
TD:5	(IE:1 C)	X03:15	(GG:0 E)	X06:10	(NU:2 D)
TD:6	(BI:3 C)	X03:2	(GG:0 E)	X06:11	(NA:0 D)
TD:7	(BI:3 C)	X03:3	(GG:1 E)	X06:12	(NA:1 D)
TD:8	(GM:3 D)	X03:4	(GG:1 E)	X06:13	(NC:2 D)
TD:9	(GM:3 C)	X03:5	(GG:0 E)	X06:13	(NU:1 D)
TD:10	(GM:3 C)	X03:6	(GG:0 E)	X06:14	(NC:2 D)
TD:11	(GM:2 C)	X03:7	(GG:0 E)	X06:14	(NU:1 D)
TD:12	(GM:2 C)	X03:8	(GG:1 E)	X06:15	(NC:2 D)
TD:13	(BI:3 D)	X03:9	(GG:1 E)	X06:15	(NU:2 D)
TD:15	(IE:1 C)	X03:10	(GG:1 E)	X06:16	(NC:2 D)
TD:16	(IE:1 D)	X03:11	(GG:1 E)	X06:16	(NU:2 D)
TD:17	(IE:1 C)	X03:12	(GG:1 E)	X06:17	(NC:2 D)
TD:18	(IE:2 C)	X03:13	(GG:1 E)	X06:17	(NU:2 D)
TD:19	(IE:2 C)	X03:15	(GG:0 E)	X06:18	(NA:3 D)
TD:20	(BI:3 C)	X03_2:1	(GH:1 D)	X06:19	(NA:3 D)
TD:21	(BI:3 C)	X03_2:2	(GH:1 D)	X06:20	(NC:3 D)
TDET:1	(GB:1 D)	X03_2:3	(GH:0 D)	X06:20	(NU:2 D)
TM:1	(OA:2 D)	X03_2:4	(GH:1 D)	X06:21	(NC:3 D)
TM:2	(OA:2 D)	X03_2:5	(GH:1 D)	X06:21	(NU:3 D)
TM:3	(OA:2 B)	X03_2:6	(GH:1 D)	X06:22	(NC:3 D)
TM:4	(OA:2 B)	X03_2:7	(GH:1 D)	X06:24	(NA:3 D)
TM:5	(OA:1 D)	X03_2:8	(GH:1 D)	X06:30	(NA:3 D)
TMA:1	(OA:2 C)	X03_2:9	(GH:1 D)	X06:31	(NA:4 D)
TMA:3	(OA:1 C)	X03_2:10	(GH:1 D)	X46:2	(BY:3 E)
TMA:5	(OA:2 B)	X03_2:11	(GH:1 D)	X46:3	(BY:2 E)
TMA:6	(OA:2 C)	X03_2:12	(GH:1 D)	X46:4	(BY:2 E)
TMA:7	(OA:2 B)	X03_2:13	(GH:1 D)	X46:5	(BY:3 E)
TS:1	(FG:0 A)	X03_2:14	(GH:0 D)	X46:6	(BY:3 E)
TS:2	(FG:0 A)	X03_2:15	(GH:0 D)	XA:1	(GB:0 B)
TS:3	(FG:0 A)	X04:1	(GG:2 E)	XA:2	(GB:1 B)
TS:4	(FG:1 A)	X04:1	(GK:2 E)	XA:3	(GB:1 B)
TS:5	(FG:1 A)	X04:2	(GG:1 E)	XA:4	(GB:1 B)
TS:6	(FG:1 A)	X04:2	(GK:2 E)	XA:5	(GB:1 B)
X02:1	(GG:4 E)	X04:3	(GG:2 E)	XA:6	(GB:1 B)

XA:7 (GB:2 B)
XA:8 (GB:2 B)
XA:9 (GB:2 B)
XA:10 (GB:0 B)
XA:11 (GB:1 B)
XA:12 (GB:1 B)
XA:13 (GB:1 B)
XA:14 (GB:1 B)
XA:15 (GB:1 B)
XA:16 (GB:2 B)
XA:17 (GB:2 B)
XA:18 (GB:2 B)
XB:1 (AA:4 D)
XC:1 (BM:1 C)
XC:3 (IH:2 C)
XC:4 (HP:0 E)
XC:5 (HG:0 D)
XC:5 (HY:2 D)
XC:6 (BU:2 C)
XC:7 (BM:1 C)
XC:8 (AE:2 C)
XC:8 (NK:1 D)
XC:9 (DB:1 E)
XC:9 (DM:0 E)
XC:10 (HP:1 E)
XC:11 (BU:0 A)
XC:12 (KI:1 C)
XD:1 (BU:1 C)
XD:1 (BX:1 D)
XD:1 (BY:1 D)
XD:2 (CU:1 C)
XD:3 (CP:2 D)
XD:4 (EE:4 D)
XD:4 (EI:0 D)
XD:4 (EI:4 D)
XD:4 (EO:0 D)
XD:5 (DU:2 E)
XD:5 (EO:0 D)
XD:6 (FA:3 D)
XD:6 (FI:0 C)
XD:6 (FK:1 D)
XD:7 (GU:2 D)
XD:8 (IX:2 D)
XD:9 (BI:1 E)
XD:10 (IS:1 D)
XD:10 (OA:1 D)
XD:11 (AA:2 C)
XD:12 (NC:0 C)
XD:12 (NU:2 D)
XE:1 (AA:3 D)
XE:1 (AC:2 D)
XF:1 (FA:4 B)
XF:2 (FQ:1 B)
XF:3 (ME:3 B)
XF:4 (KE:0 C)
XF:5 (FQ:0 B)
XF:6 (FQ:1 B)
XF:7 (KE:0 C)
XF:8 (KE:0 C)
XF:9 (AA:3 C)
XF:10 (FA:4 B)
XF:12 (KE:0 B)
XF:13 (BA:0 B)
XF:15 (FA:4 B)
XF:18 (GB:3 C)
XG:1 (AC:0 A)
XH:1 (AC:2 A)
XJ:1 (GM:2 C)
XJ:2 (GM:1 D)
XJ:3 (HG:0 B)
XJ:4 (GQ:1 A)
XJ:6 (HG:0 B)
XJ:7 (GQ:2 A)
XJ:10 (GA:0 B)
XJ:11 (IM:0 B)
XJ:12 (BA:1 B)
XJ:13 (GA:0 B)
XJ:14 (IH:1 B)
XJ:15 (BA:0 B)
XJ:16 (IH:2 B)
XJ:17 (IH:1 B)
XJ:18 (IH:2 B)
XK:1 (BA:0 B)
XK:3 (GM:3 B)
XK:4 (BA:0 B)
XK:6 (GM:1 D)
XK:7 (BA:0 A)
XK:8 (BA:0 B)
XK:9 (DB:1 B)
XK:9 (DM:1 B)
XK:10 (HY:0 B)
XK:11 (DB:1 B)
XK:11 (DM:0 B)
XK:12 (DB:1 B)
XK:12 (DM:1 B)
XK:13 (HY:0 B)
XK:14 (IQ:1 B)
XK:15 (IQ:2 B)
XK:16 (HY:1 B)
XK:17 (CU:0 B)
XK:18 (CU:0 B)
XL:1 (BA:1 B)
XL:2 (IH:4 B)
XL:3 (BA:1 B)
XL:4 (OA:2 B)
XL:5 (BA:1 B)
XL:6 (BA:1 B)
XL:7 (DB:1 B)
XL:7 (DM:0 B)
XL:8 (BI:0 B)
XL:9 (BI:0 B)
XL:9 (OA:2 B)
XL:10 (DB:1 B)
XL:10 (DM:0 B)
XL:11 (BI:0 B)
XL:12 (BA:1 B)
XL:13 (DQ:0 B)
XL:14 (DU:1 B)
XL:15 (BA:1 D)
XL:16 (BA:1 D)
XL:17 (BA:1 D)
XL:18 (BA:1 D)
XM:1 (AA:2 B)
XM:2 (AA:2 B)
XM:3 (AA:2 B)
XM:4 (AA:2 A)
XM:5 (AA:3 A)
XM:6 (AC:3 D)
XM:7 (AC:3 D)
XM:8 (AC:3 D)
XM:9 (AC:3 D)
XM:10 (AC:3 D)
XM:11 (AC:2 C)
XM:12 (BI:3 B)
XM:13 (AC:2 B)
XM:14 (AC:2 C)
XM:15 (BI:3 B)
XM:16 (AC:2 B)
XM:17 (AC:2 B)
XM:18 (BI:3 B)
XO:1 (AC:0 A)
XS:1 (AC:2 A)
XT:1 (AC:1 A)
Y18GH:1 (DN:2 B)
Y18GH:2 (DN:2 B)
Y18GH:4 (DN:2 A)

List of components

A01	Fuse and Relay Centre (1000)
A02L	Fuse holder, 6–fuses (GB:0 D) (1000)
A02P	Fuse holder, 6–fuses (ME:2 C) (1000)
A02X	Fuse holder, 6–fuses (ME:3 C) (1000)
A03	Instrument cluster (BI:0 B) (CP:2 D) (1000)
A04A	Refrigerator (IQ:3 C) (1007B)
A04B	Refrigerator (IQ:3 C) (1460)
A05	Display, FMS (Fleet Management System) (BU:2 D/IZ:0 D) (1000)
A06L	El. adjustable seat (IA:2 B) (1007A)
A06R	El. adjustable seat (IA:0 B) (1007B)
A07	Radio (IU:0 B) (1000)
A08	Control unit, GPS receiver (Global Positioning System) (BU:2 D) (1000)
A09	Telephone (IX:0 C) (1000)
A10	CD player (IU:3 B)
A11	Control unit, door lock (IM:1 B) (1000)
A12A	Control unit, ABS (Anti-lock Brake System) (EI:0 B) (1007C)
A12B	Control unit, ABS (Anti-lock Brake System) (EE:0 B) (1007C)
A13A	Control unit, TECU (automatic transmission) (DE:0 C)
A13B	Control unit, TECU (automatic transmission) (DI:0 B) (1007C)
A13C	Control unit, TECU (automatic transmission) (DM:0 C) (1007C)
A13D	Control unit, TECU (automatic transmission) (DN:0 B)
A14	Control unit, EMS (Engine Management System) (CO:2 C/CS:2 C) (1030)
A15	Control unit, SRS (Supplementary Restrain System) (IS:0 B) (1000)
A16	Control unit, ECS (Electronic Controlled air Suspension) (FA:0 C/FG:0 D/FG:2 D) (1007C)
A17	Control unit, VECU (Vehicle ECU) (BA:0 C) (1000)
A18	Control unit, roof hatch (IQ:0 C) (1006E)
A19A	Control unit, GECU (gear selector ECU) (Geartronic) (DB:1 C) (1007A/1007B/1484)
A20	Control unit, Immobiliser (IM:3 C) (1000)
A21	Control unit, EBS (Electronic Brake System) (EO:0 C) (1007C)
A22	Control unit, FMS (Fleet Management System) (BU:0 C/IZ:3 B) (1000)
A23	Control unit, FMS, TMC (Traffic Message Channel) (BU:3 B) (1000)
A24	Control unit, information module trailer without ABS (CP:3 C)
A26	Control unit, ACC (Adaptive Cruise Control) (BE:1 B) (1007C)
A27	Control unit, LCM (Light Control Module) (GB:0 C/GC:0 A/GA:0 B) (1000)
A28B	Control unit, ADR main switch, integrated power relay (AE:0 C) (1435B)
A29	Telephone handset, secrecy receiver (IX:1 B) (1000)
A31	Control unit, burglar alarm (NK:0 C) (1000)
A32	Control unit, parking heater (HM:0 C) (1062)
A33	Tachograph (BM:1 B) (CP:1 D) (1000)
A33B	Tachograph (/BN:1 B) (1006)
A34B	Control unit, climate unit (HG:0 B) (1000)
A36	Control unit, BBM (Body Builder Module) (NC:1 B/NU:1 B) (1000)
A39	Control unit, camera (IZ:0 C) (1000)
A40 HID	Fuse holder, 3-fuses (GD:1 C) (1000)
A41	Component group transmission. Contains B23, B138 and Y17 (DN:0 D/DE:0 C/DM:2 B) (1403/1499)
A42	Component group transmission. Contains B26, Y21, Y22, Y23 and Y26 (DN:2 D/DE:2 C) (1494/1499)
A43	Electric fan control (B32 fan speed sensor, Y35 visco clutch) (CO:1 D) (1030)
A45	Fuel pre filter (B52 water level sensor, R10 heater, Y38 water drain solenoid (CO:3 B) (1030)
A44	Fuel filter bracket (B51 fuel pressure sensor, M15 priming pump) (CO:2 D) (1030)
A54	Control unit, Coolant level (CS:2 D)
A59	Control unit, RAS (Rear Axle Steering) (FO:1 B) (1493)
A75	Yawrate sensor and power supply unit, ACC (BE:2 C) (1007C)
A77	Control unit, Tyre pressure monitoring (OA:1 B) (1508)
A80	Airdryer, electronical controlled (FQ:1 C) (1056)
A94	FMS Gateway, Fleet Management System (BX:0 B) (1000)
A96	Control unit, Roof cooler (HZ:1 B) (1018)
A102	Control unit, Volvo Link (VERS-SAM) (BY:1 C) (1000)
A105	Serial Interface Box (BU:0 B) (1000)
A106	Fuse holder, 3–fuses, not mainswitch dependent (AB:3 B) (1000)
A109	Control unit, GSECU (Gearshift ECU) (DC:1 C) (1000)
A121	Logger, AUS (CP:1 B)
B02A	Thermostat, parking heater (HI:1 B) (1006A/1006E)
B02B	Thermostat, parking heater (HI:0 B) (1006A/1006E)
B03_A	Sensor, footbrake valve (EO:0 D) (1504)
B04	Sensor, engine speed, crankshaft (CO:0 D) (1030)
B05	Sensor, engine speed, camshaft (CO:0 D) (1030)
B06	Sensor, air pressure, air tank (BA:2 D) (1000)
B07	Sensor, fuel level (BI:2 C) (1040)
B08	Sensor, input shaft speed, gearbox (DE:3 B)
B09A	Sensor, oil temperature, gearbox (DE:2 D)
B09B	Sensor, oil temperature, gearbox (BI:2 C) (1494)
B10	Sensor, oil level (CO:0 B) (1030)
B10B	Sensor, oil level (FP:0 C) (1493)
B10C	Sensor, oil level (FO:0 C) (1493)
B12	Sensor, tachograph/speedometer (BM:2 D) (1494)
B12B	Sensor, tachograph/speedometer (BM:1 D) (1494)
B13A	Sensor, wheel speed, lhs. 1:st front axle (EI:0 D/EE:0 D) (1086)
B13B	Sensor, wheel speed, lhs. 1:st front axle (EP:1 B/EP:3 B) (1086)
B14A	Sensor, wheel speed, rhs. 1:st front axle (EI:1 D/EE:1 D) (1086)
B14B	Sensor, wheel speed, rhs. 1:st front axle (EP:2 B/EP:3 B) (1086)
B15A	Sensor, wheel speed, lhs. 1:st driven rear axle (EI:2 D/EE:2 D) (1086)
B15B	Sensor, wheel speed, lhs. 1:st driven rear axle (EP:1 D/EP:2 D) (1086)
B16A	Sensor, wheel speed, rhs. 1:st driven rear axle (EI:3 D/EE:3 D) (1086)
B16B	Sensor, wheel speed, rhs. 1:st driven rear axle (EP:1 D/EP:2 D) (1086)
B17	Sensor, wheel speed, lhs. 2:nd driven rear axle (EP:1 D) (1086)
B18	Sensor, wheel speed, rhs. 2:nd driven rear axle (EP:1 D) (1086)

B19	Sensor, wheel speed, lhs. 2:nd front axle (EP:1 B) (1086)
B20	Sensor, wheel speed, rhs. 2:nd front axle (EP:2 B) (1086)
B21	Sensor, coolant temperature, engine (CO:1 D) (1030)
B22	Sensor, outdoor temperature (BI:2 C) (1503)
B23A	Sensor, oil temperature, retarder (DE:1 D)
B23B	Sensor, oil temperature, retarder (DI:0 D) (1494)
B24	Sensor, air pressure, bogie lift bellow (FA:0 D) (1072)
B25	Sensor, accelerator pedal (BA:4 D) (1000)
B26A	Sensor, clutch position (DE:2 D)
B27	Sensor, battery charging (BI:2 C) (1435A/1435B)
B28	Sensor, chassi level, front axle (FA:1 D) (1072)
B29B	Sensor, chassis level, lhs. rear axle (FA:1 D) (1072)
B30	Sensor, chassis level, rhs. rear axle (FA:2 D) (1072)
B34A	Sensor, gear position (DE:2 B)
B34B	Sensor, gear position (DE:3 B)
B35	Sensor, range gear position (DE:3 B)
B36	Sensor, split gear position (DE:3 B)
B37	Sensor, boost pressure and boost temperature (CO:0 D) (1030)
B38	Sensor, oil pressure and oil temperature (CO:1 D) (1030)
B39	Sensor, air filter pressure and air filter temperature (CO:1 B/CS:1 D) (1030)
B40A	Sensor, brake lining wear indicator, lhs. 1:st front axle (EP:2 B) (1086)
B40B	Sensor, brake lining wear indicator, lhs. 1:st front axle (EP:0 B) (1086)
B41A	Sensor, brake lining wear indicator, rhs. 1:st front axle (EP:3 B) (1086)
B41B	Sensor, brake lining wear indicator, rhs. 1:st front axle (EP:1 B) (1086)
B42A	Sensor, brake lining wear indicator, lhs. 1:st driven rear axle (EP:1 D) (1086)
B42B	Sensor, brake lining wear indicator, lhs. 1:st driven rear axle (EP:0 D) (1086)
B42A	Sensor, brake lining wear indicator, lhs. 1:st driven rear axle (EP:1 D) (1086)
B42B	Sensor, brake lining wear indicator, rhs. 1:st driven rear axle (EP:0 D) (1086)
B43A	Sensor, brake lining wear indicator, lhs. 1:st driven rear axle (EP:2 D) (1086)
B43B	Sensor, brake lining wear indicator, lhs. 1:st driven rear axle (EP:2 D) (1086)
B44B	Sensor, brake lining wear indicator, lhs. 2:nd driven rear axle (EP:0 D) (1086)
B45B	Sensor, brake lining wear indicator, rhs. 2:nd driven rear axle (EP:0 D) (1086)
B46B	Sensor, brake lining wear indicator, lhs. 2:nd front axle (EP:0 B) (1086)
B47B	Sensor, brake lining wear indicator, rhs. 2:nd front axle (EP:2 B) (1086)
B49	Sensor, steering angle (EO:3 A) (1000)
B49F	Sensor, steering angle (FO:1 D) (1493)
B49R	Sensor, steering angle (FO:2 D) (1493)
B50	Sensor, yaw-rate (EO:4 B) (1507)
B51	Sensor, fuel pressure (CO:2 D) (1030)
B54	Sensor, crank case pressure (CO:0 B) (1030)
B55	Sensor, air pressure, suspension bellows, 3:th axle (FA:0 D) (1072)
B56	Sensor, air pressure, suspension bellows, front axle (FA:0 D) (1072)
B57	Sensor, air pressure, suspension bellows, lhs. rear (FA:0 D) (1072)
B58	Sensor, air pressure, suspension bellows, rhs. rear (FA:1 D) (1072)
B59	Sensor, indoor temperature (HG:1 B) (1000)
B60_DD	Loudspeaker (IU:1 D) (1083)
B60_DP	Loudspeaker (IU:1 D) (1083)
B60_LF	Loudspeaker (IU:0 D) (1000)
B60_LR	Loudspeaker (IU:2 D) (1006D/1006E)
B60_RF	Loudspeaker (IU:1 D) (1000)
B60_RR	Loudspeaker (IU:2 D) (1006D/1006E)
B61_L	Loudspeaker, treble (IU:0 D) (1000)
B61_R	Loudspeaker, treble (IU:1 D) (1000)
B64	Sensor, air pressure, valve unit gearbox (DE:1 D)
B67	Rear view camera (IZ:2 D) (1000)
B68	Sensor, output shaft speed, gearbox (DI:2 D) (1494)
B69A	Sensor, coolant temperature, retarder (DE:1 D)
B69B	Sensor, coolant temperature, retarder (DM:3 B) (1403)
B69C	Sensor, coolant temperature, retarder (DN:0 D) (1403)
B70	Sensor, wheel speed, lhs., pusher axle (EP:3 D) (1086)
B71	Sensor, wheel speed, rhs., pusher axle (EP:3 D) (1086)
B72	Sensor, wheel speed, lhs., tag axle (EP:4 D) 1086)
B73	Sensor, wheel speed, rhs., tag axle (EP:4 D) (1086)
B74B	Sensor, brake lining wear indicator, lhs., pusher axle (EP:2 D) (1086)
B75B	Sensor, brake lining wear indicator, rhs., pusher axle (EP:3 D) (1086)
B76B	Sensor, brake lining wear indicator, lhs., tag axle (EP:3 D) (1086)
B77B	Sensor, brake lining wear indicator, rhs., tag axle (EP:3 D) (1086)
B80	Handsfree, Loudspeaker, Microphone (IX:0 B) (1007A/1007B)
B90	Transmitter, movement sensor (NK:2 D) (1006B/1006E)
B91	Receiver, movement sensor (NK:3 D) (1006B/1006E)
B118	Sensor, oil pressure (CO:1 D) (1030)
B119	Sensor, oil level and oil temp (CO:0 B) (1030)
B120	Radar ACC, Adaptive Cruise Control (BE:1 D) (1502)
B138A	Sensor, Control pressure retarder (DE:0 D) (1494)
B138B	Sensor, Control pressure retarder (DI:3 B) (1494)
B151	Sensor, trailer detection (GB:1 C)
B152	Sensor, brake airpressure, front (BI:3 C)
B153	Sensor, brake airpressure, rear (BI:3 C)
B154	Sensor, water level roof cooler (HZ:2 C) (1018)
D01	Time delay relay, bogie lift, axle load limiter (FK:3 B) (1007C)
E01	Lamp, full beams (GA:2 C/GA:3 C) (1502/1503)
E02	Lamp, dipped beams (GA:2 D/GA:3 D) (1502/1503)
E03	Lamp, spot light (GA:1 C/GA:3 C) (1502/1503)
E03A	Lamp, spot light (NI:2 C)
E03B	Lamp, spot light (NI:2 C)
E03L	Lamp, spot light (GI:1 C) (NI:2 D)
E03R	Lamp, spot light (GI:2 C) (NI:2 D)
E05	Lamp, 5:th wheel light (KE:0 D/GH:0 D/GF:1 C) (1063)
E06	Lamp, reversing light (GC:1 D/GC:2 D/GF:1 C) (1040)
E07	Lamp, fog light (GA:1 C/GA:3 C) (1502/1503)
E07L	Lamp, fog light (GI:1 C)
E07R	Lamp, fog light (GI:3 C)
E08	Lamp, parking light, front (GA:1 D/GA:3 D) (1502/1503)
E08L	Lamp, parking light, front (GI:1 C)

E08R	Lamp, parking light, front (GI:1 C)
E09	Lamp, brake light (GC:1 D/GC:2 D) (1040)
E10	Lamp, tail light (GC:1 D/GC:2 D) (1040)
E11_LC	Lamp, side marker light (GC:0 D) (1077)
E11_LF	Lamp, side marker light (GC:0 D) (1077)
E11_LR	Lamp, side marker light (GC:0 D) (1077)
E11_LW	Lamp, side marker light (GC:0 D) (1077)
E11_RC	Lamp, side marker light (GC:3 D) (1077)
E11_RF	Lamp, side marker light (GC:3 D) (1077)
E11_RR	Lamp, side marker light (GC:3 D) (1077)
E11_RW	Lamp, side marker light (GC:3 D) (1077)
E12L	Lamp, roof position light (GA:4 C) (1006A)
E12R	Lamp, roof position light (GA:1 C) (1006A)
E13	Lamp, direction indicator (GC:1 D/GC:2 D) (1040)
E13LF	Lamp, direction indicator (GA:2 C) (1502)
E13RF	Lamp, direction indicator (GA:3 C) (1503)
E14_A	Lamp, beacon warning lamp (KM:2 D) (1047)
E14_AR	Lamp, beacon warning lamp (KM:1 C) (1047)
E14_B	Lamp, beacon warning lamp (KM:1 D) (1047)
E14_BR	Lamp, beacon warning lamp (KM:2 C) (1047)
E15	Lamp, cigarette lighter illumination (IQ:2 C) (1000)
E16_DS	Lamp, instep light (IH:2 C) (1083)
E16_PS	Lamp, instep light (IH:2 C) (1083)
E17L	Lamp, interior light (IH:1 C) (1006B/1006E)
E17R	Lamp, interior light (IH:1 C) (1006B/1006E)
E18_C	Lamp, reading light (IH:0 C) (1006D)
E18_LB	Lamp, reading light (IH:0 C) (1006D/1006E)
E18_RB	Lamp, reading light (IH:1 C) (1006D/1006E)
E18L	Lamp, reading light (IH:0 C) (1006D/1006E)
E18LC	Lamp, reading light (IH:0 C) (1006C/1006E)
E18R	Lamp, reading light (IH:1 C) (1006D/1006E)
E18RC	Lamp, reading light (IH:0 C) (1006C)
E19C	Lamp, identification light, roof (GA:0 C) (1006A/1436)
E19L	Lamp, identification light, roof (GA:0 D) (1006A/1436)
E19R	Lamp, identification light, roof (GA:0 C) (1006A/1436)
E20	Lamp, ashtray illumination (IQ:2 C) (1000)
E21	Lamp, rear fog light (GC:1 D/GC:2 D) (1040)
E22	Lamp, roof sign illumination (KI:0 C) (1436)
E23	Lamp, luggage compartment illumination (IH:4 C) (1007A)
E24	Lamp, storage tray illumination (IQ:1 D) (1000)
E26L	Headlight module (GA:1 C) (1502)
E26R	Headlight module (GA:3 C) (1503)
E27L_1	Tail lamp module (GC:1 D) (1040)
E27L_2	Tail lamp module (GE:1 C) (1040)
E27L_3	Tail lamp module (GF:3 C) (1040)
E27L_4	Tail lamp module (GF:0 C) (1040)
E27R_1	Tail lamp module (GC:2 D) (1040)
E27R_2	Tail lamp module (GE:2 C) (1040)
E28	Parking heater (HI:0 C/HM:0 D) (1007A/1062)
E30L	Lamp, full- and dipped beams (GI:1 C)
E30R	Lamp, full- and dipped beams (GI:3 C)
E32ATC	Climate unit (HY:2 C) (1000)
E32ECC	Climate unit (HG:1 C) (1000)
E33LF	Lamp, additional load lamps (revers lamps) (NA:0 D) (1506A)
E33LR	Lamp, additional load lamps (revers lamps) (NA:1 D) (1506A)
E33RF	Lamp, additional load lamps (revers lamps) (NA:1 D) (1506A)
E33RR	Lamp, additional load lamps (revers lamps) (NA:1 D) (1506A)
E34	Lamp, body builder centre light (IH:2 D) (1000)
E39	Licence Plate Illumination (GF:3 B)
E39L	Licence Plate Illumination (GE:2 C) (1040)
E39R	Licence Plate Illumination (GE:2 C) (1040)
E74L	Lamp, parking light front direction indicator (GI:1 C)
E74R	Lamp, parking light front direction indicator (GI:3 C)
G01A	Battery (AA:0 D/AB:1 D/AE:0 C/CS:0 C)
G01B	Battery (AA:0 D/AB:1 D/AE:0 D/CS:0 D)
G02	Alternator (AA:3 D/AE:3 D/CS:1 D) (1025)
G05	Battery, backup Volvo Link (VERS-SAM) (BY:0 C) (1000)
H01	Horn, air-operated (GQ:1 B) (1502)
H02	Horn (GQ:1 B) (1502)
H03	Reverse warner, acoustic (GF:0 C) (1040)
H06	Siren (NK:3 D) (1502/1503)
K1	Relay, starting switch, radio position (AC:3 C) (1000)
K2	Relay, EMS (Engine Management System) (BA:1 A) (1000)
K3	Relay, starter motor (AA:2 B) (1000)
K3B	Relay, starter motor, Cummins (CS:1 C)
K4	Relay, body builder fuse box (kl.15) (ME:2 A) (1000)
K5	Relay, automatic transmission (DB:1 A/DC:0 A/DM:0 A) (1000)
K6	Relay, fan climate unit (HY:0 B) (1000)
K7	Relay, intermittent wiper (GM:1 C) (1000)
K8	Relay, gearbox area inhibitor (BA:1 A) (1000)
K9	Relay, interior lamps (IH:1 A) (1000)
K10	Relay, fifth wheel-, working-light (KE:0 C) (1000)
K11	Relay, air suspension (FA:4 B) (1000)
K12	Relay, reverse light, trailer (GB:4 D) (1000)
K13	Relay, alternator controlled (AA:4 B) (1000)
K14	Time delay relay, bogie lift, A-ride (FI:1 B/FK:1 C) (1000)
K15	Time delay relay, bogie lift, A-ride, with axle load limiter (FK:2 C) (1000)
K16	Relay, bogie lift, A-ride, with axle load limiter (FK:1 C) (1000)
K18	Relay, hydraulic steered axle (FP:1 B) (1000)
K20	Relay, D+ short-circuit, (ADR-trucks only) (AE:4 D) (1000)
K21	Relay, el. adjustable seat (IA:2 B) (1000)
K22	Relay, climate fan, 1:st speed (by parking heater) (HY:1 B) (1000)
K23	Relay, cab tilt (KA:0 C) (1000)
K24	Relay, central lubrication (FU:0 B) (1000)
K25	Relay, light sign (KI:1 C) (1000)
K26A	Relay, foldable rear view mirror arm, Japan (IF:0 C) (1000)
K26B	Relay, foldable rear view mirror arm, Japan (IF:1 C) (1000)
K27	Relay, gas discharge lamp, dipped beam, lhs (GD:1 C) (1000)
K28	Relay, gas discharge lamp, dipped beam, rhs (GD:1 C) (1000)
K30	Relay, beacon warning light (KM:0 B) (1000)
K35	Relay, headlamp high pressure wash (GM:0 B) (1000)
K37	Relay, parking light (NA:1 C) (1000)
K38	Relay, body builder preparation, pressure sel./switch 2/free (NA:1 C) (1000)
K39	Relay, body builder preparation, plough light, spotlights (NA:1 C) (1000)
K40	Relay, body builder preparation (NA:2 C) (1000)
K41	Relay, body builder preparation, swapbody (NA:3 C) (1000)
K42	Relay, body builder preparation, spotlights/free (NI:1 B) (1000)
K43	Relay, body builder preparation, external start/free (NC:3 C) (1000)

K45	Relay, free reserved for body-builder (NU:2 B) (1000)
K48	Power relay, engine preheating (CM:2 B) (1435A/1435B)
K49	Power relay, bogie lift motor (FI:3 B/FK:3 D) (1037)
K51	Power relay, battery main switch (AB:0 C/CS:0 C) (1435A)
K51_A	Power relay, battery main switch (AB:1 C) (1435A)
K52	Power relay, ADR battery main switch (AE:0 B) (1435B)
K54	Relay, 12V ABS Trailer (CP:2 D)
K58	Relay, speed limiter, Volvo link (BY:3 B) (1000)
K59	Relay, engine shut off, Volvo link (BY:4 B) (1000)
K60	Relay, trailer lock, Volvo link (BY:3 D) (1000)
K61	Relay, auxiliary revers light, truck (NA:0 C) (1000)
K63	Relay, ACC Adaptive cruise control (BE:1 B)
L01	Reactor, light sign illumination (KI:0 D)
L01L	Reactor, light sign illumination (KI:2 C)
L01R	Reactor, light sign illumination (KI:2 D)
M01	Motor, windscreen wiper (GM:2 C) (1504)
M02	Motor, windscreen washer pump (GM:0 D) (1503)
M03	Motor, headlamp high pressure washer pump (GM:1 D) (1503)
M04	Motor, starter motor (AA:2 D/AE:2 D/CS:0 C) (1025)
M05	Motor, hydraulic bogie lift pump unit (FI:3 B/FK:3 C) (1037)
M06DS	Motor, window winder (IE:2 C) (1083)
M06PS	Motor, window winder (IE:3 C) (1083)
M08	Motor, levelling control, headlights (GA:1 C/GA:3 C) (1502/1503)
M09DS	Motor, door lock (IM:1 D) (1083)
M09PS	Motor, door lock (IM:2 D) (1083)
M10	Motor, roof hatch (IQ:0 E)
M11	Motor, cab tilt pump (KA:0 D) (1502/1503)
M13	Motor, coolant pump, parking heater (HP:0 C) (1062)
M14	Motor, central lubrication pump (FU:0 C) (1401)
M17	Motor, foldable rear view mirror arm, Japan (IF:0 D) (1470)
M27	Motor, roof cooler fan (HZ:1 C)
M28	Motor, washer, roof cooler (HZ:2 C) (1018)
R01	Heater, engine preheat (CO:3 B) (1030)
R02L	Heater, rear-view mirror (IE:0 D) (1504)
R02R	Heater, rear-view mirror (IE:1 D) (1504)
R04	Cigarette lighter (IQ:2 C) (1000)
R05	Heater, air dryer (FQ:0 C) (1056)
R08	Termination resistor, CAN-bus (CS:3 B)
R11	Heater, coffee maker (ME:1 B) (1000)
R13	Resistor, LCP headlight adjust (GU:1 B) (1000)
R14	Termination resistor (XB:2 D)
R17	Resistor (AB:2 B)
R14B	Termination resistor (DI:3 D)
R17	Resistor (AC:4 C/AE:4 C) (1000)
R18	Heater, electronic controlled air dryer (FQ:1 C) (1056)
R21	Termination resistor (OA:3 C) (1000)
R33	Termination resistor (BE:2 D) (1502)
R34	Termination resistor (DE:0 B)
S01	Switch, main lighting, selector type (GA:0 A/GU:1 B) (1000)
S02	Stalk switch, full-/dipped beam, direction indicator (GA:2 B) (1000)
S03	Switch, loading lamps/working lamps (KE:1 B) (1000)
S04	Switch unit, climate fan (HY:1 B)
S05A	Switch, interior light, selector type (IH:3 B) (1000)
S05B	Switch, interior light, selector type (IH:3 B) (1006D/1006E)
S06	Stalk switch, windscreen wiper, selector type (BI:3 B) (1000)
S06	Stalk switch, windscreen wiper, selector type (GM:3 B) (1000)
S07	Switch, engine brake, selector type (BA:3 B) (1000)
S07A	Switch, engine brake, selector type (CP:0 D)
S07B	Switch, engine brake, selector type (CP:0 D)
S08	Switch, differential gear lock, rear wheels (DU:1 B) (1000)
S09	Switch, differential gear locks, inter axles and rear wheels, selector type (DU:1 B) (1000)
S10	Switch, sign light, roof (KI:1 B) (1006A)
S11	Switch, bogie lift, selector type (FI:0 B/FK:0 B) (1000)
S11A	Switch, bogie lift, selector type (FA:3 B) (1000)
S14A	Switch, push button, horn (GQ:1 D)
S14B	Switch, push button, horn (GQ:1 D)
S15	Switch, starting (AC:1 B/AE:0 B) (1000)
S16	Switch, push button, air horn (GQ:2 D)
S17	Switch, front wheel drive (DU:2 B) (1000)
S18	Switch, differential gear lock, front (DU:2 B) (1000)
S19	Switch, extra (NA:2 B)
S20	Switch, 3:rd axle lock (FO:2 B) (1000)
S21A	Switch, parking heater (HI:2 B) (1000)
S21B	Switch, parking heater (HI:3 B) (1006D/1006E)
S23	Switch, roof hatch, selector type (IQ:0 B) (1006A)
S24	Stalk switch, retarder, selector type (BA:3 B) (1000)
S25	Switch unit, cruise control (BA:2 B) (1000)
S26A	Switch, cab tilt pump (KA:0 B) (1000)
S26B	Switch, cab tilt pump (KA:0 D) (1502/1503)
S27	Switch, storage tray illumination (IQ:1 C) (1000)
S28A	Switch, power take off (DQ:0 B) (1000)
S28B	Switch, power take off (NC:0 C/NU:0 B) (1000)
S30	Switch unit, multi-function display (BI:3 B) (1000)
S31	Switch, TCS (Traction Control System) (EO:1 A) (1000)
S32	Switch, brake hold (EO:1 B) (1000)
S33	Switch, trailer brake (EO:0 B) (1000)
S34	Switch unit, steering wheel push buttons (IS:1 D) (1000)
S36DS	Switch unit, door functions (IE:0 B) (1083)
S36PS	Switch unit, door functions (IE:3 B) (1083)
S37	Switch, rear view camera, camera activation (IZ:1 B) (1000)
S38	Switch, ADR, emergency switch, cab (AE:1 B) (1000)
S39	Switch, ADR, emergency switch, exterior (AE:1 C) (1007A)
S39_B	Switch, ADR, emergency switch, exterior (AE:2 C) (1007B)
S40	Switch, rear view camera, camera selection (IZ:2 B)
S43	Pressure switch, parking brake indicator, NC. (BA:1 D) (1000)
S45	Position switch, differential gear lock indicator, rear wheels, NC. or NO. (DU:3 C) (1040)
S45R	Position switch, differential gear lock indicator, rear wheels, NC. or NO. (DU:3 C) (1040)
S46	Pressure switch, bogie lift indicator, NO. (FI:2 D/FK:3 E) (1037)
S47	Position switch, low split indicator, NO. (BI:1 D) (1494)
S48A	Pressure switch, brake light, NO. (ABS/UABS) (GB:3 B) (1401)
S48B	Pressure switch, brake light, NO. (ABS/UABS trailer control valve) (GB:3 B) (1401)
S48C	Pressure switch, brake light, NO. (ABS/UABS trailer control valve) (GB:3 A) (1000)
S49	Position switch, reverse lamps, NO (GB:3 D) (1494)

S52_L	Proximity switch, cab lock, NO. (BI:1 C) (1007A)
S52_R	Proximity switch, cab lock, NO. (BI:1 D) (1007B)
S53	Position switch, front-wheel drive indication, NO. (DU:4 C) (1458)
S54	Position switch, differential gear lock, front-wheels, NO. (DU:4 C) (1458)
S55	Thermal switch (HP:0 C) (1062)
S56	Thermal switch, bogie lift, NC (FI:3 C/FK:3 D) (1037)
S57L	Position switch, luggage compartment lighting, NC. (IH:4 D) (1007A)
S57R	Position switch, luggage compartment lighting, NC. (IH:3 D) (1007B)
S58	Position switch, clutch pedal, NO. (BA:3 D) (1000)
S59	Position switch, brake pedal, NO. (BA:3 D) (1000)
S60	Pressure switch, oil, power steering, NC. (FP:0 C) (1493)
S60A	Pressure switch, oil, power steering, NC. (FP:2 C) (1493)
S60B	Pressure switch, oil, power steering, NC. (FP:2 C) (1493)
S63	Position switch, low range gear (BA:0 B) (1494)
S64	Pressure switch, air pressure, parking brake tank, NC. (EO:1 B) (1000)
S66_L	Switch unit, ECS (electronic controlled susp.), full air suspension (FA:2 D) (1007A/1007B)
S68	Sensor, coolant level (CO:1 C/CS:3 D) (1030)
S69	Proximity switch, bogie lift position, NO. (FK:1 D) (1037)
S70	Position switch, flow sensor, power-steering, NC. (FP:2 C) (1493)
S70A	Position switch, flow sensor, power-steering, NC. (FP:1 C) (1493)
S71	Pressure switch, compressor charging, NO. (BA:0 D) (1056)
S73	Switch, acoustic reverse warning (GC:4 A) (1006A)
S74	Switch, short stop cab heater (HP:0 B) (1000)
S75	Switch, beacon warning light (KM:0 B) (1000)
S76	Switch, spotlights (NA:4 B)
S76A	Switch, spotlights (NI:4 C) (1006A)
S77	Switch, emergency call (BU:1 B) (1000)
S78	Switch unit, TIS (Traffic Information System) (BU:3 B) (1000)
S79A	Switch, additional work lamps (revers lamps), manual turn on (NA:1 B)
S79B	Switch, additional work lamps (revers lamps), manual turn on (NA:2 B)
S79D	Switch, additional work lamps (revers lamps), manual turn on (NA:0 B)
S80	Position switch, front hatch (NK:1 D) (1504)
S83	Switch, container lock (NA:3 B)
S84	Switch, tachograph mode (BN:0 C) (1006)
S86	Switch, foldable rear view mirror arm, Japan (IF:1 B) (1000)
S88L	Position switch, door, NC (BY:2 D/NK:0 D) (1007A)
S88R	Position switch, door, NC (BY:2 D/NK:0 D) (1007B)
S95	Switch, Panic alarm (NK:2 A) (1000)
S96	Switch, Reduced set, Alarm (NK:2 B) (1000)
S165	Switch, Volvo Action Service, (VERS-SAM) (BY:2 B) (1000)
S166	Switch, panic alarm, Volvo link, (VERS-SAM) (BY:3 B) (1000)
S169	Switch, battery main switch (AB:2 C) (1435)
S171	Switch, GLU (Gearlever unit) (DC:1 D) (1007A/1484)
U01_A	Modulator, EBS, left front (EP:0 A) (1086)
U02_A	Modulator, EBS, right front (EP:1 A) (1086)
U03_A	Modulator, EBS, rear axle (EP:1 C) (1086)
U03_B	Modulator, EBS, rear axle (EP:0 C) (1086)
U04_A	Modulator, EBS, pusher axle (EP:2 C) (1086)
U05_A	Modulator, EBS, trailer (EO:3 B) (1401)
U06B11	Voltage converter (IR:1 B) (1007C)
U06R11	Voltage converter (IR:1 B) (1007C)
U06R19	Voltage converter (IR:0 B) (1007C)
U07_A	Modulator, EBS, tag axle (EP:3 C) (1086)
U08_A	Modulator, EBS, front (EP:2 A) (1086)
U10	Voltage converter, 12V ABS Trailer (CP:4 B)
U12	Voltage converter, Volvo link, (VERS-SAM) (BY:1 B) (1000)
V02	Diode module (AE:2 B) (1000)
V03	Diode (GG:3 B)
V04	Diode (FI:0 D/FK:0 D) (1037)
V05	Diode (FK:2 D)
V07	LED, indicator, Alarm (NK:2 C) (1000)
V08	Diode (NU:2 B) (1000)
V09	Diode (CP:2 B)
V10	Diode (CP:2 C)
V11	Diode (CP:3 C)
W02	Antenna, immobiliser (IM:3 B) (1000)
X01	Connector, vehicle diagnostics (XA:0 C) (1000)
X01B	Connector, vehicle diagnostics (CP:1 B)
X01C	Connector, vehicle diagnostics (CP:0 C)
X02	Trailer connection, ABS/EBS (1063)
X03	Trailer connection, 15–pole unit (1063)
X04	Trailer connection, 7–pole unit, 24 N (1063)
X05	Trailer connection, 7–pole unit, 24 S (1063)
X06	Connector, 31–pole, in lhs. frame side, for body builder preparations (1505)
X07B	Socket, 12V (IR:1 D) (1000)
X08	Contact reel, air bag (IS:0 C) (1000)
X09	Slip contact, horn (GQ:1 C) (1000)
X10	B+ pass through, cab (AC:0 B) (1000)
X11	Power connector, engine (AA:2 D/AE:2 C/CS:0 D)
X12	Power connector (CO:3 B/CM:3 D)
X16	Power connector, engine (CO:3 B/CM:3 D)
X25	Power connector, bogie lift/extra equipment (AA:1 B/AE:1 A)
Y02	Solenoid valve, differential lock, rear wheels (DU:1 D) (1401)
Y03	Solenoid valve, differential lock, inter axles, rear (DU:1 D) (1401)
Y05	Solenoid valve, bogie lift (FI:0 D/FK:0 D) (1037)
Y06	Solenoid valve, range inhibitor (BA:0 B) (1494)
Y08	Solenoid valve, front-wheel drive (DU:2 D) (1458)
Y09	Solenoid valve, differential lock, front axle (DU:2 D) (1458)
Y10	Solenoid valve, 3:rd axle lock (FM:0 C) (1072)
Y11	Solenoid valve unit, ABS, lhs. front (EE:0 D/EI:0 D) (1086)
Y11_A	Solenoid valve unit, ABS, lhs. front (EO:3 D) (1086)
Y12	Solenoid valve unit, ABS, rhs. front (EE:1 D/EI:1 D) (1086)
Y12_A	Solenoid valve unit, ABS, rhs. front (EO:4 D) (1086)
Y13	Solenoid valve unit, ABS, lhs. rear (EE:2 D/EI:2 D) (1086)
Y14	Solenoid valve unit, ABS, rhs. rear (EE:3 D/EI:3 D) (1086)
Y17A	Solenoid valve, retarder (DE:0 D)
Y17B	Solenoid valve, retarder (DI:2 D) (1494)
Y18	Solenoid valve, PTO (Power Take Off) (DE:2 B) (1499)
Y18A	Solenoid valve, PTO (Power Take Off) (DQ:0 D) (1401)
Y18B	Solenoid valve, PTO (Power Take Off) (DI:0 C) (1494)

Y18C	Solenoid valve, PTO (Power Take Off) (NC:0 D/NU:0 C)
Y18G	Solenoid valve, PTO (Power Take Off) (DN:2 B) (1499)
Y18H	Solenoid valve, PTO (Power Take Off) (DN:2 B) (1499)
Y21	Solenoid valve, slow clutch disengage (DE:2 D)
Y22	Solenoid valve, fast clutch disengage (DE:3 D)
Y23	Solenoid valve, fast clutch engage (DE:3 D)
Y25	Solenoid valve unit, level control, air suspension (FA:1 B) (1072)
Y26	Solenoid valve, slow clutch control (DE:2 D)
Y29	Solenoid valve unit, trailing axle (FA:1 B) (1072)
Y30A	Solenoid valve unit, gearbox (DE:0 B)
Y30B	Solenoid valve unit, gearbox (DE:1 B)
Y30C	Solenoid valve unit, gearbox (DI:0 D) (1494)
Y31	Solenoid valve, area inhibitor (BA:1 B) (1494)
Y32	Fuel dosing pump, parking heater (HI:0 B/HM:0 D) (1040)
Y33	Solenoid valve, UI (Unit Injectors) (CO:3 D) (1030)
Y36	Solenoid valve, steerable axle (FP:1 C) (1493)
Y37	Solenoid valve unit, AVU (CO:2 C) (1030)
Y39	Solenoid valve, VCB (CO:3 D) (1030)
Y40	Solenoid valve unit, front axle, air suspension (FA:0 B) (1072)
Y42	Clutch, magnetic, air conditioning compressor (HG:0 D/HY:2 D/CS:2 D) (1025)
Y43L	Seat belt tensioner, pyrotechnical (IS:2 D) (1007A)
Y43R	Seat belt tensioner, pyrotechnical (IS:3 D) (1007B)
Y44	Air-bag, pyrotechnical (IS:0 D)
Y48A	Solenoid valve, container lock (NA:3 D) (1506A)
Y48B	Solenoid valve, fifth wheel lock (NA:4 D) (1506A)
Y49	Solenoid valve, parking brake (NU:2 C) (1504)
Y51A	Solenoid valve, regeneration (FQ:2 C) (1056)
Y51B	Solenoid valve, compressor control (FQ:2 C) (1056)
Y52	Clutch, magnetic, engine fan (CS:4 B)
Y53	Control valve block , RAS (FO:3 D) (1493)
Y72	Solenoid valve, Airhorn (GQ:0 B) (1504)
Y88	Solenoid valve, trailing axle, air suspension, bogie lift (FA:2 B) (1072)

Abbreviations

ABS	Antilock brake system
ACC	Adaptive cruise control
ACU	Alarm control unit
ADR-BAS1/ ADR1	ADR adaptation, 1 switch
ADR2	ADR adaptation, 2 switches
AIRDRY-E	Electric airdryer
ATB	Axle load limiter
ATC	Automatic temperature control
AUS	Australia
AUXSW-6	Wiring for six auxiliary switches for body building
AWD	All wheel drive
BBM	Body builder module
BBOX-R	Battery box right hand side
CLU	Central locking unit
CU-ACAUT	Air condition, automatic
CU-ACMAN	Air condition, manual
CU-BAS	Basic version with stepper motor without air condition
CU-ECC	Electronic controlled climate control air condition
CU-HEAT	Heater unit
CU-MCC	Manual controlled climate control air condition
DS	Driver side
EBS	Electronic brake system
ECS	Electronic controlled air suspension
ELCE-CK	Electrical complete kit for body builder
ELMS	Electrical main switch
ENG-VE9	Volvo engine 9 litre
ENG-VE12	Volvo engine 12 litre
ENG-VE16	Volvo engine 16 litre
EPG	Exhaust pressure governor
ESP	Electronic stability program
FAA10	1 front axle, non driven
FAA20	2 front axle, non driven
FMS	Fleet management system
FSS-LEAF	Leaf suspension, front
GECU	Gear selector electronic control unit
GSS-AGS	Automatic gear shifting system
GSS-RC	Range gear shifting, cable manoeuvred
GSS-SRC	Split and range gear shifting, cable manoeuvred
ISX	Engine variant (Australia only)
JPN	Japan
L	Left
LCM	Light control module
L1H1	Short cab
L2H1	Long cab
L2H2	Long high cab (Globetrotter)
LF	Left front
LHD	Left hand drive
LHS	Left hand side
LOCK-ALL	Central door lock and cut off electricity of truck
LR	Left rear
MAINSWI	Main switch
MECHTRAN	Mechanical transmission
MMS	Mechanical main switch
PH-CAB	Cab parking heater
PH-ENGCA	Engine and cab parking heater
PS	Passenger side
PSS-DUAL	Power steering system dual
PTO	Power take off
R	Right
RADT-A8	6x2, air spring, 8 bellows, tag axle
RADT-AR	6x2, leaf spring (A-ride)
RF	Right front
RHD	Right hand drive
RHS	Right hand side
RIGID	Platform or tipper truck
RR	Right rear
RSTS-EHY	Rear steering system, electrical controlled, hydraulic
RSTS-HY	Rear steering system, hydraulic
SI-GRAF	Tachograph
SI-GRAFR	Tachograph
SI-SPEED	Speedometer
SPEED-DU	Dual speed limiter
SRS	Supplementary restrain system
STWPOS-L	Steering wheel position left hand side

STWPOS-R	Steering wheel position right hand side
SUSPL-EC	Air suspension, electronic control system levelling device
SUSPL-M	Air suspension, manual regulation levelling device
SWAPBODY	Swap body
SWM	Steering wheel module
TECU	Transmission electronic control unit
TMC	Traffic message channel
TPM	Tyre pressure monitoring
TRACTOR	Semi-trailer tractor
TREL7-7	Trailer connectors 2x7-unit
UADR	Without ADR adaptation
UALARMB	Without alarm
UJERICO	Without Jerico horn
UMAINSWI	Without main switch
URETARD	Without retarder
USUSPLEV	Without air suspension levelling device
USWS	Without steering wheel switches
UTPM	Without tyre pressure monitoring
VECU	Vehicle electronic control unit
VERS-SAM	South American Version
ZT1816	Gearbox variant (South America only)

Cable colour code

BL	Blue
BN	Brown
GN	Green
GR	Grey
OR	Orange
P	Pink
R	Red
SB	Black
VO	Violet
W	White
Y	Yellow

Note: If a wire have two colours, this is written out like the following example: Y/R = Yellow/Red.

Feedback

One of our objectives is that workshop personnel should have access to correct and appropriate service manuals where it concerns fault tracing, repairs and maintenance of Volvo vehicles.
In order to maintain the high standards of our literature, your opinions and experience when using this manual would be greatly appreciated.
If you have any comments or suggestions, make a copy of this page, write down your comments and send them to us, either via telefax or mailing directly to the address listed below.

To

Volvo Parts Corporation

Dept. Technical Support Center 31610
SE-405 08 GÖTEBORG

Fax +46 31 661060

From

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Comments/proposals

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Concerns Service Manual: .....

Volvo Truck Corporation
Göteborg, Sweden

20 037631 English 2500.9.2005 Printed in Sweden

VOLVO
Volvo Truck Corporation
Göteborg, Sweden

Service Bulletin Trucks

Wiring diagram, FIREWALL
FM9 — FM12 — FH12 — FH16 — NH12

This service bulletin complements Service Handbook Group 37 TSP175664 and TSP190321 and 20031778 and 20037631 and TSP127553 and TSP127085 and TSP23665 and TSP23674 and TSP23708 and TSP23709 and TSP119544 and TSP104002 and 20046394 and TSP145153 and 20177407

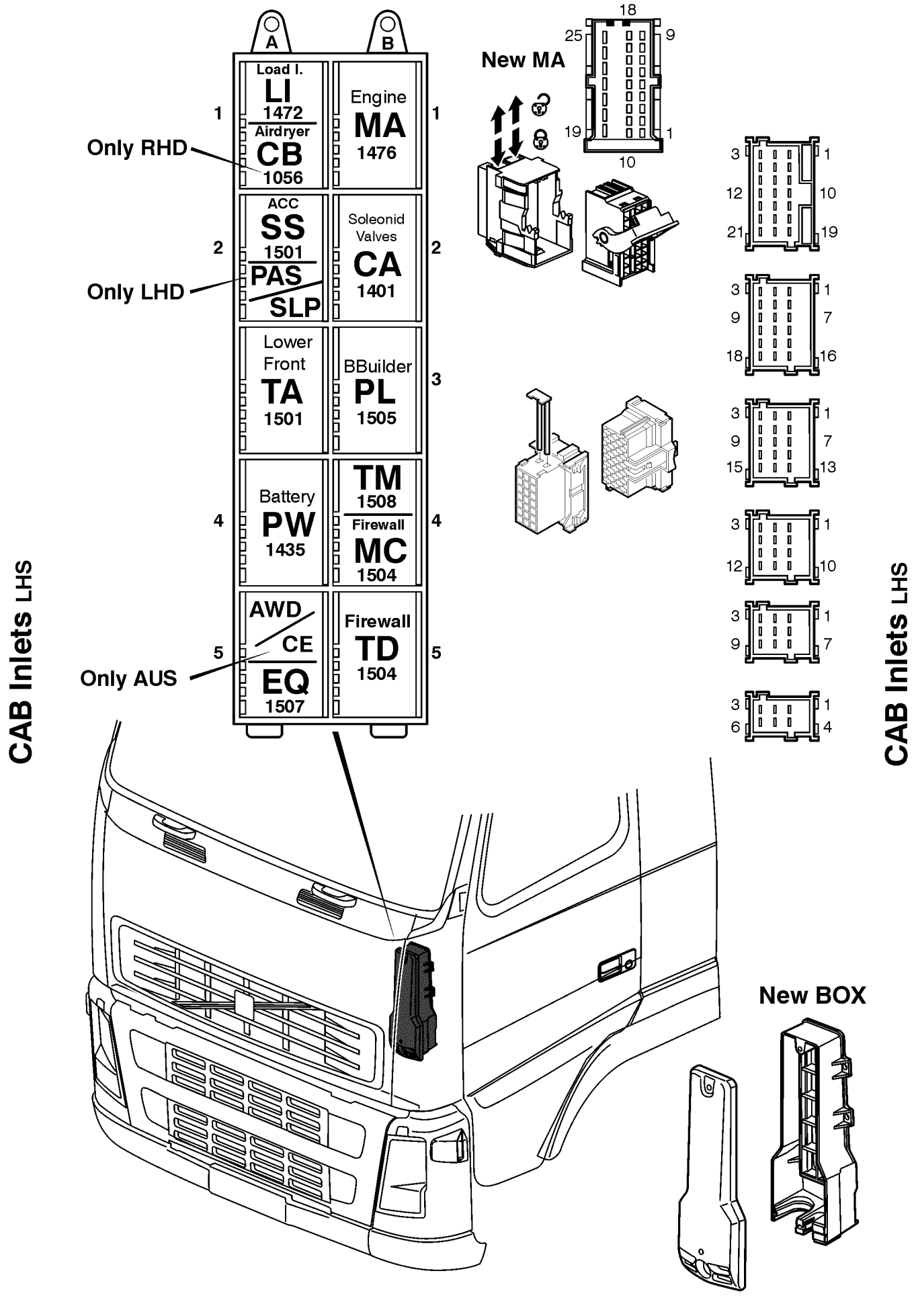
Wiring diagram, FIREWALL

Contents

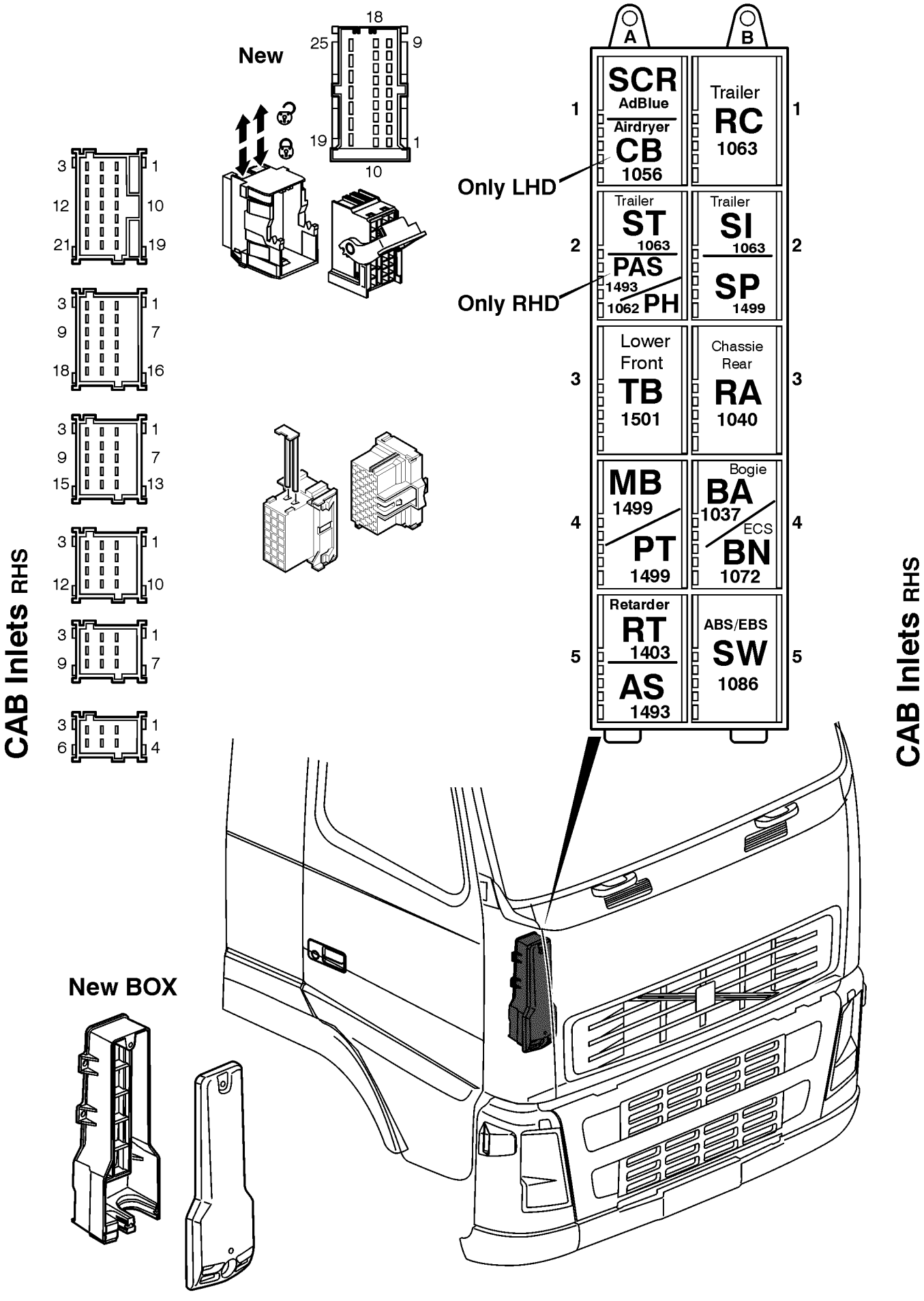
CAB Inlets LHS page 2

CAB Inlets RHS page 3

Illustration



T3022024


CAB Inlets RHS
New
18
25
9
19
1
10
3
1
12
10
21
19
3
1
9
7
18
16
3
1
9
7
15
13
3
1
12
10
3
1
9
7
3
1
6
4
A
B
1
SCR
AdBlue
Airdryer
CB
1056
Trailer
RC
1063
Only LHD
2
Trailer
ST
1063
PAS
1493
1062 PH
Trailer
SI
1063
SP
1499
Only RHD
3
Lower
Front
TB
1501
Chassie
Rear
RA
1040
4
MB
1499
PT
1499
Bogie
BA
1037
ECS
BN
1072
5
Retarder
RT
1403
AS
1493
ABS/EBS
SW
1086
CAB Inlets RHS
New BOX

T3019283

Service Manual
Trucks

Group **37**
Version **02**

Wiring diagram

FM7, FM10, FM12 LHD

To be inserted into the binders for FM, FH.

TSP127085

Foreword

The descriptions and service procedures contained in this manual are based on designs and methods studies carried out up to December 1998.

The products are under continuous development. Vehicles and components produced after the above date may therefore have different specifications and repair methods. When this is judged to have a significant bearing on this manual, supplementary service bulletins will be issued to cover the changes.

The new edition of this manual will update the changes.

In service procedures where the title incorporates an operation number, this is a reference to V.S.T. (Volvo Standard Times).

Service procedures which do not include an operation number in the title are for general information and no reference is made to V.S.T.

The following levels of observations, cautions and warnings are used in this Service Documentation:

Note: Indicates a situation, handling or circumstance which should be observed.

Important: Indicates a situation, handling or circumstance which should be emphasized so as not to lead to personal injury or damage to property.

Caution: Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury or damage to property.

Warning: Indicates a potentially hazardous situation which, if not avoided, could result in death, serious injury or major damage to property.

Danger: Indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.

Volvo Truck Corporation
Göteborg, Sweden

The following information will be superseded by this manual:			
SM	Group	37	TSP 21847

Order number: TSP127085

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Fuses on circuit card electrical centre 126

Relays on circuit card electrical centre 127

Cable harness illustration index 128

List of connectors 132

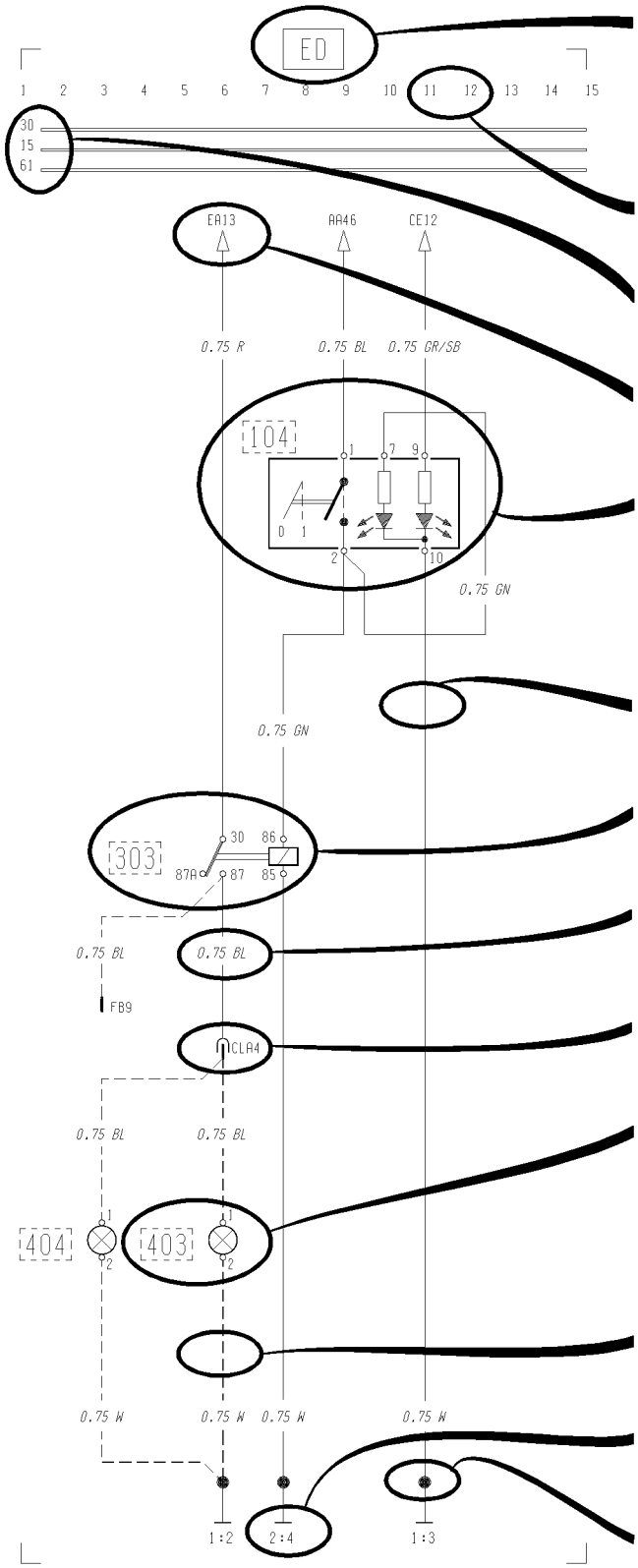
List of components 140

Abbreviations 146

Cable colour code 147

Feedback

Example of wiring diagram



T3009608

Refer to the list of contents for the designation of the circuit diagram. If the circuit diagram designation is boxed in with broken lines this means that the circuit diagram is not standard on all market or vehicle models.

Seek column.

30 Voltage battery, kl.30.
15 Voltage with starting key in drive position, kl.15.
61 Voltage when alternator charges, kl.61.

Reference arrow (for circuit diagram EA, seek column 13).

Switch, comp. no. (104).

Single lines, cables.

Relay, comp. no. (303).

Cable area and colour (0.75 mm^2 blue).

Connector (CLA terminal 4).

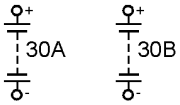
Bulb, comp. no. (403)
A broken line box round the component number shows that the component is not standard on all markets or vehicle models.

If the line is broken this means the cable is not standard on all markets or vehicle model.

Earth connection point no: 2. and earth terminal no: 4. (see diagram Earth Connections).

Joint sleeve.

Examples of symbols on wiring diagram



Battery

Connector

Junktion

Fuse

Joint sleeve

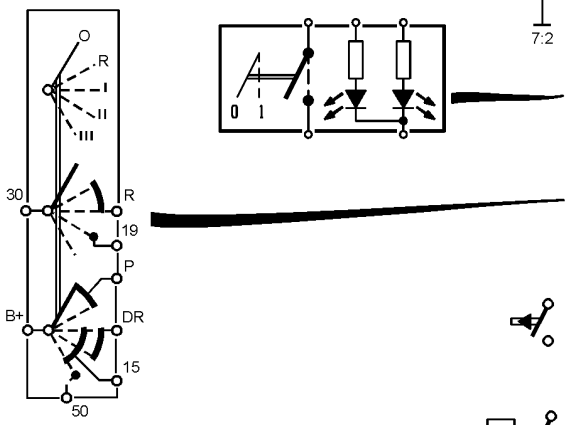
Cable

Twisted cables

Conductor on circuit card

Earth connection and cable

Switch



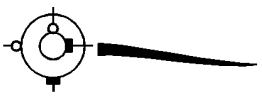
Switch, starting switch

Closing contakt

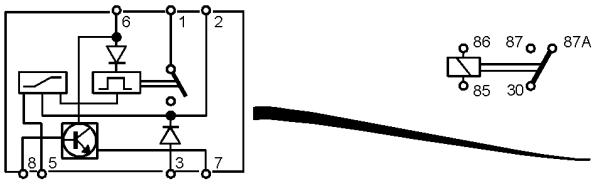
Closing contakt, pressure-regulated

Break contakt, temperature-regulated

Closing contakt, time-regulated



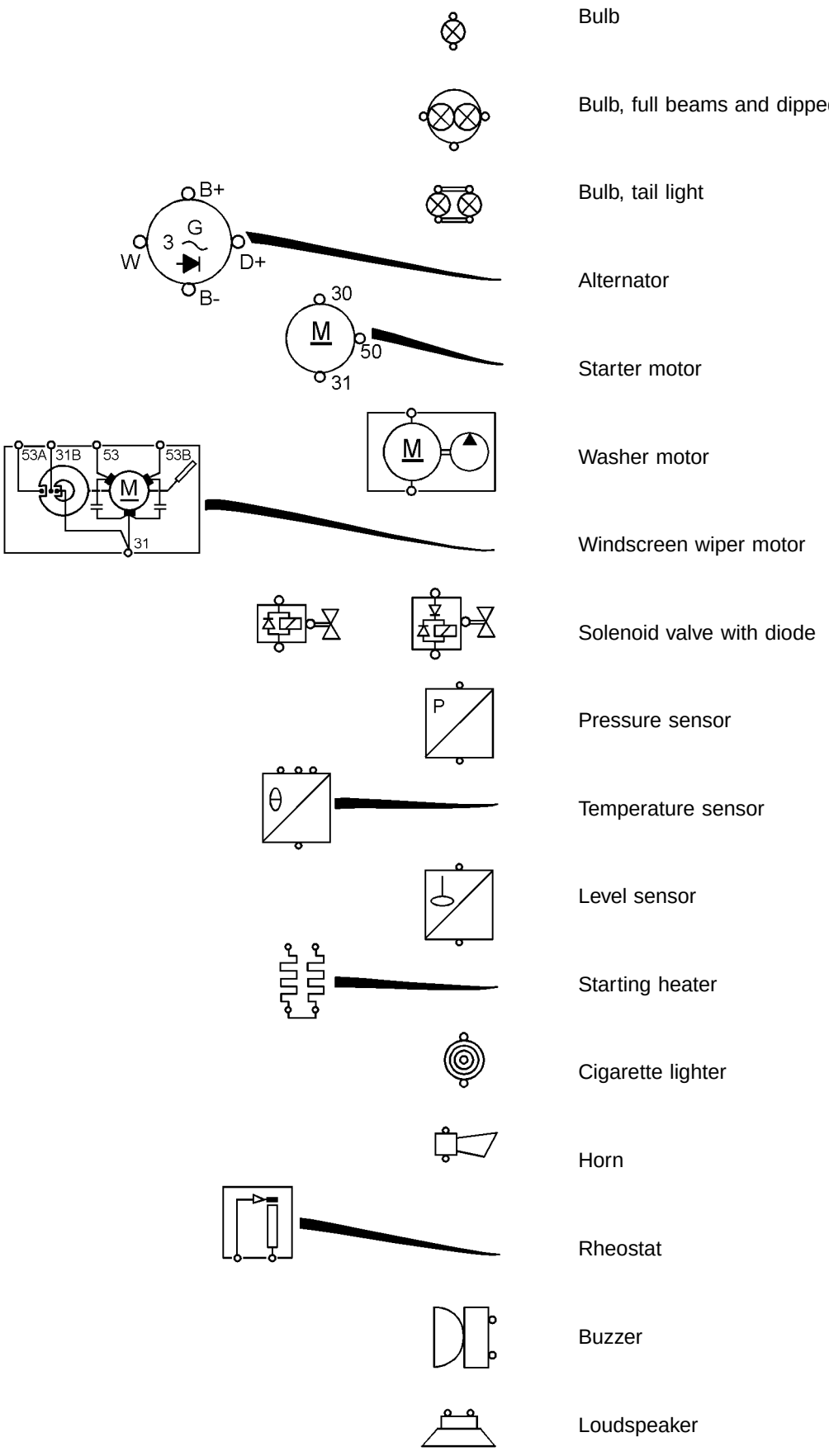
Slip contakt, horn



Relay

Relay with internal circuit diagram

T3009609



Bulb

Bulb, full beams and dipped beams

Bulb, tail light

Alternator

Starter motor

Washer motor

Windscreen wiper motor

Solenoid valve with diode

Pressure sensor

Temperature sensor

Level sensor

Starting heater

Cigarette lighter

Horn

Rheostat

Buzzer

Loudspeaker

Component wiring diagram index

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AC	Vehicle ECU	page 8
BJ	Engine ECU, fuel injection system, preheating, FM7	page 9
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BM	Engine ECU, fuel injection system, preheating, FM10	page 11
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CG	Fog light, rear fog light	page 13
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CI	Spot light (EU) DRIVL2EC	page 14
CK	Brake light	page 15
CL	Trailer controlled exhaust brake	page 15
CN	Direction indicator, hazard warning light	page 16
EA	Reversing light, reversing warning alarm	page 16
ED	Loading light, fifth wheel light	page 17
EJ	Roof sign light, L1H1/L2H1	page 17
EK	Roof sign light, L2H2	page 17
ER	Interior light, L1H1/ L2H1, alarm clock/timer	page 18
ES	Interior light, L2H2, alarm clock/timer	page 19
EV	Cigarette lighter	page 20
EX	12 V power supply	page 20
FA	Horn	page 20
GA	Wiper, washer	page 21
HA	Climate unit	page 22
HB	Cab heater, EBERSPÄCHER D1LCC, PH-CAB	page 23
HC	Cab and engine heater, WEBASTO THERMO 90, PH-ENGCA	page 24
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HP	Electrically cab tilt	page 27
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KH Central door lock ..... page 29

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LP Powertronic ..... page 33

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MF Air suspension, 4x2, SUSPL-EC ..... page 38

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NB Instrument central module with tachograph ..... page 41

NC Instrument RHS module ..... page 42

NX Dynafleet ..... page 43

NZ Instrument central module without tachograph ..... page 44

OA Basic ABS, D-version ..... page 45

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OG Retarder, manual gearshift ..... page 47

PA Headlight level control ..... page 48

PD Dual speed limiter ..... page 48

TA Refrigerator ..... page 49

TB Central lubrication system ..... page 49

XA Extra fuses, key switch relay ..... page 50

ZA Earth connections ..... page 51

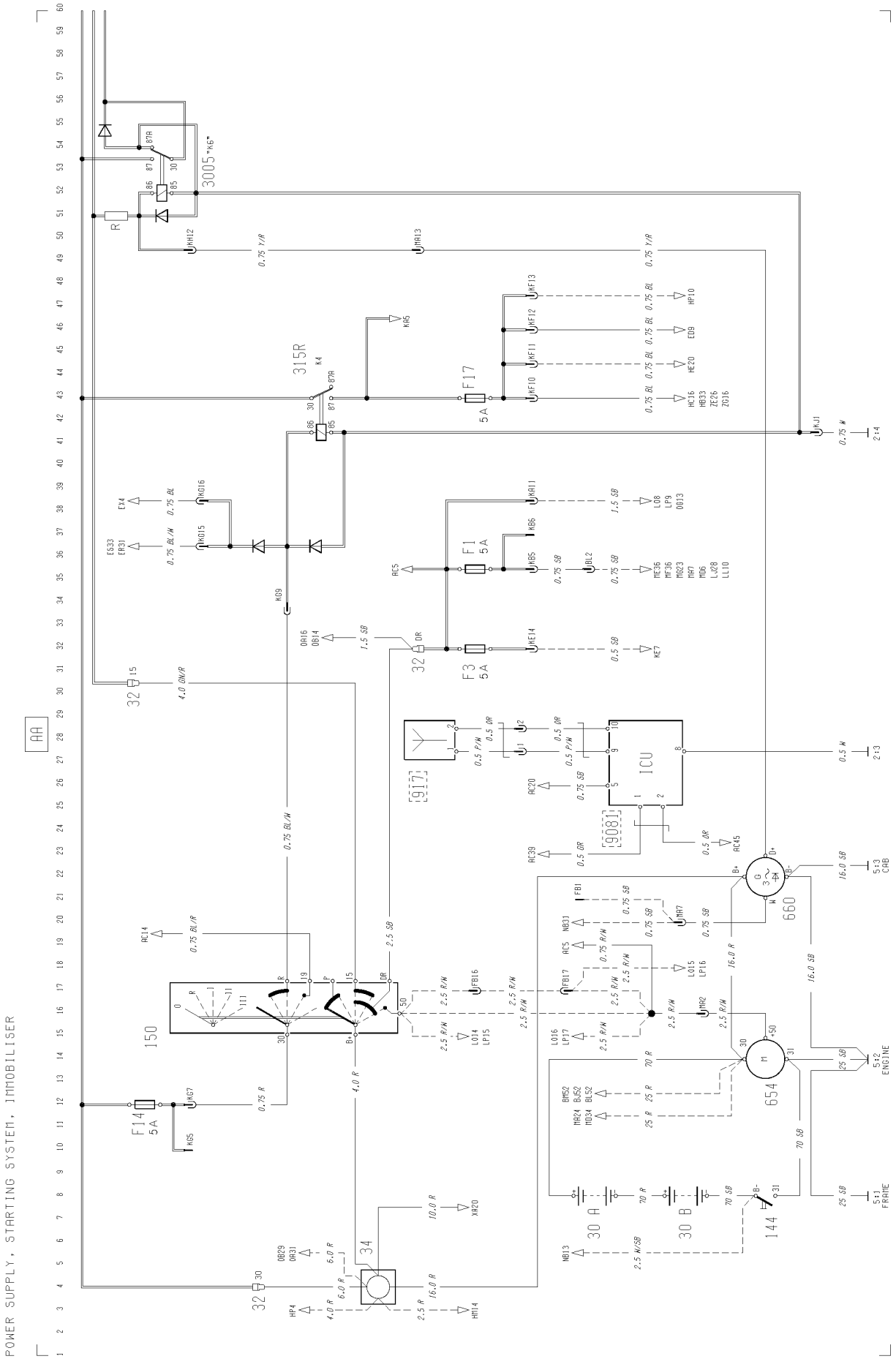
ZB Earth connections ..... page 52

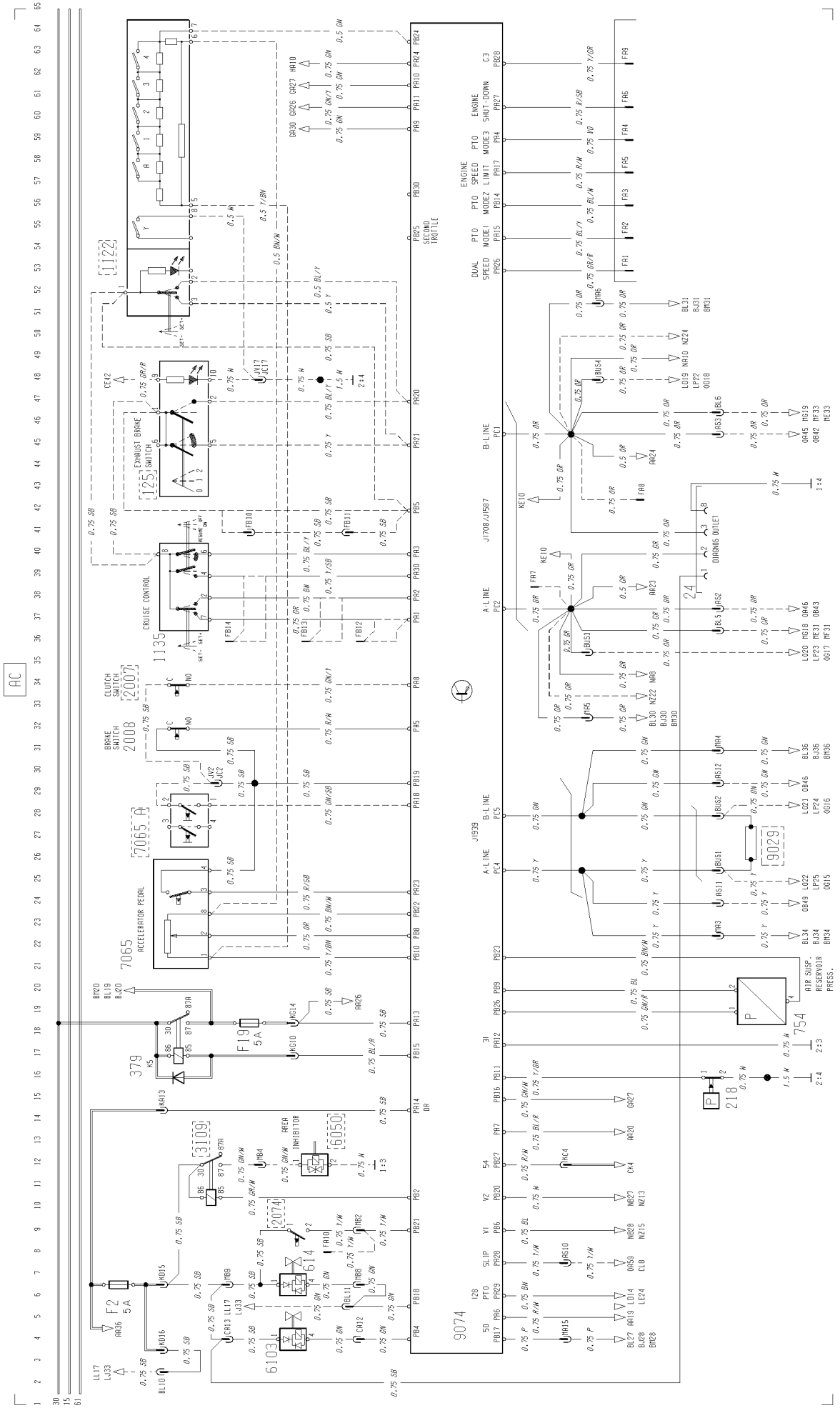
ZD ADR battery main switch, current limiter ..... page 53

ZE Air heater EBERSPÄCHER D1LCC, TRS ..... page 54

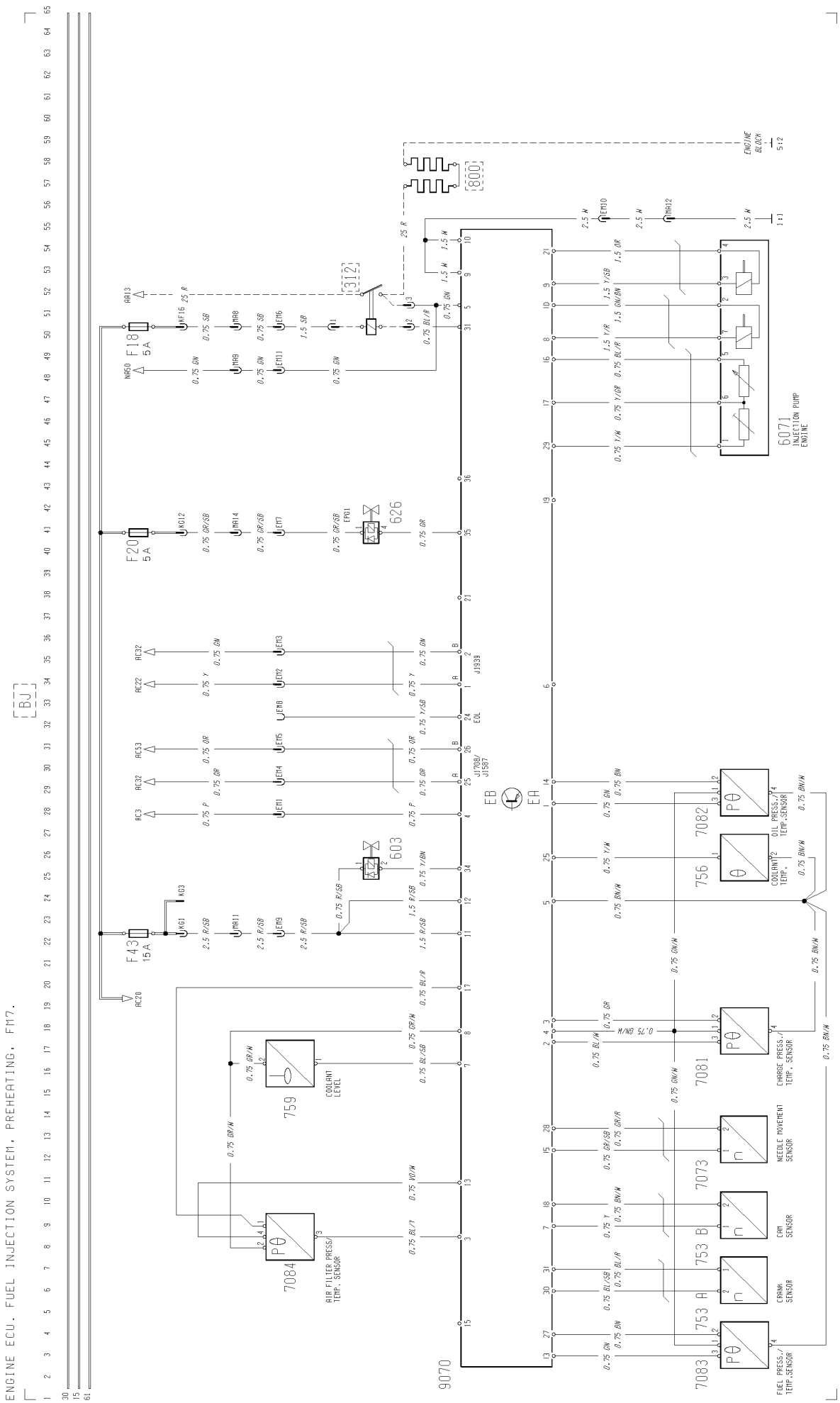
ZG Water heater, WEBASTO THERMO 90, TRS ..... page 55

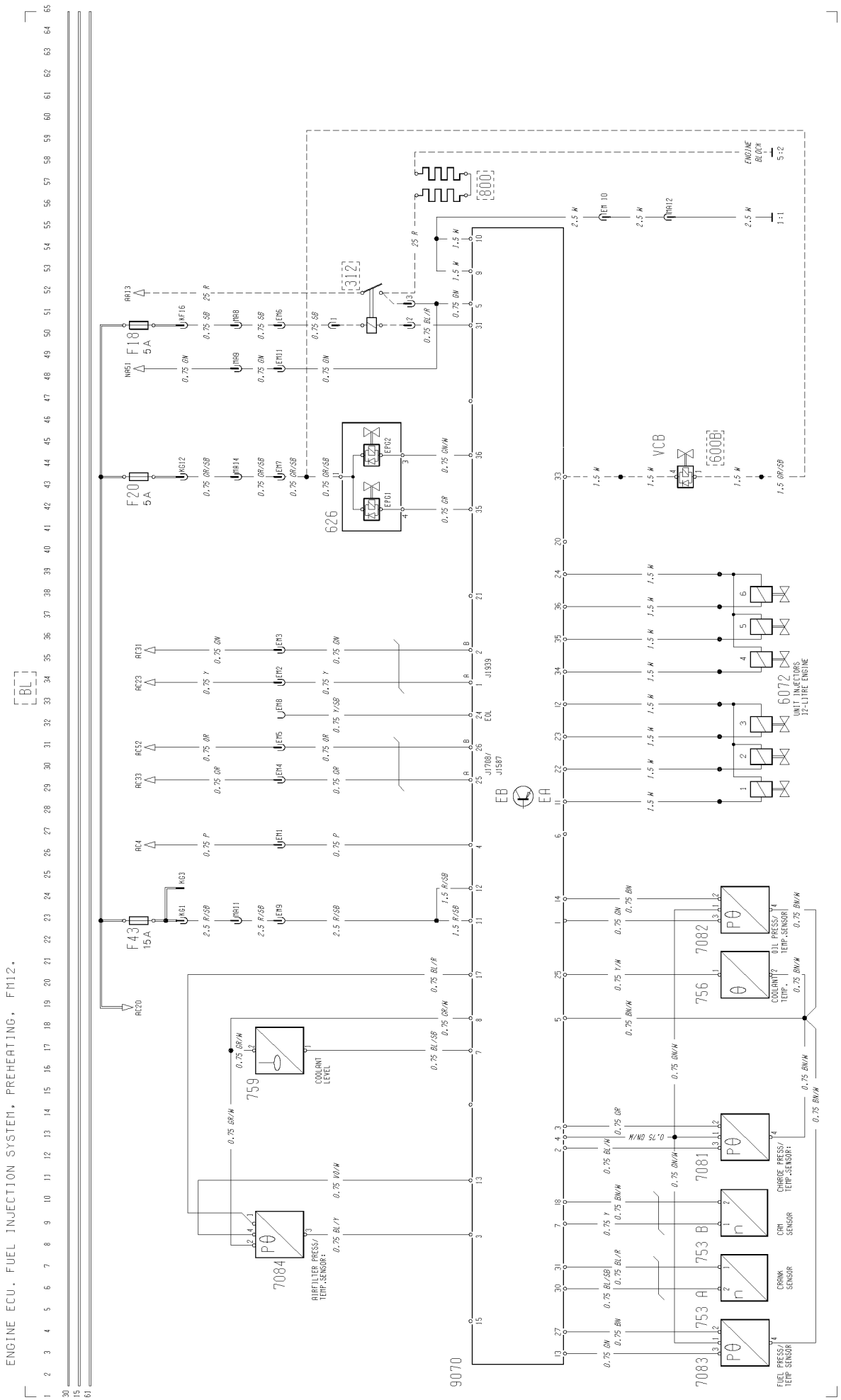
Component wiring diagrams



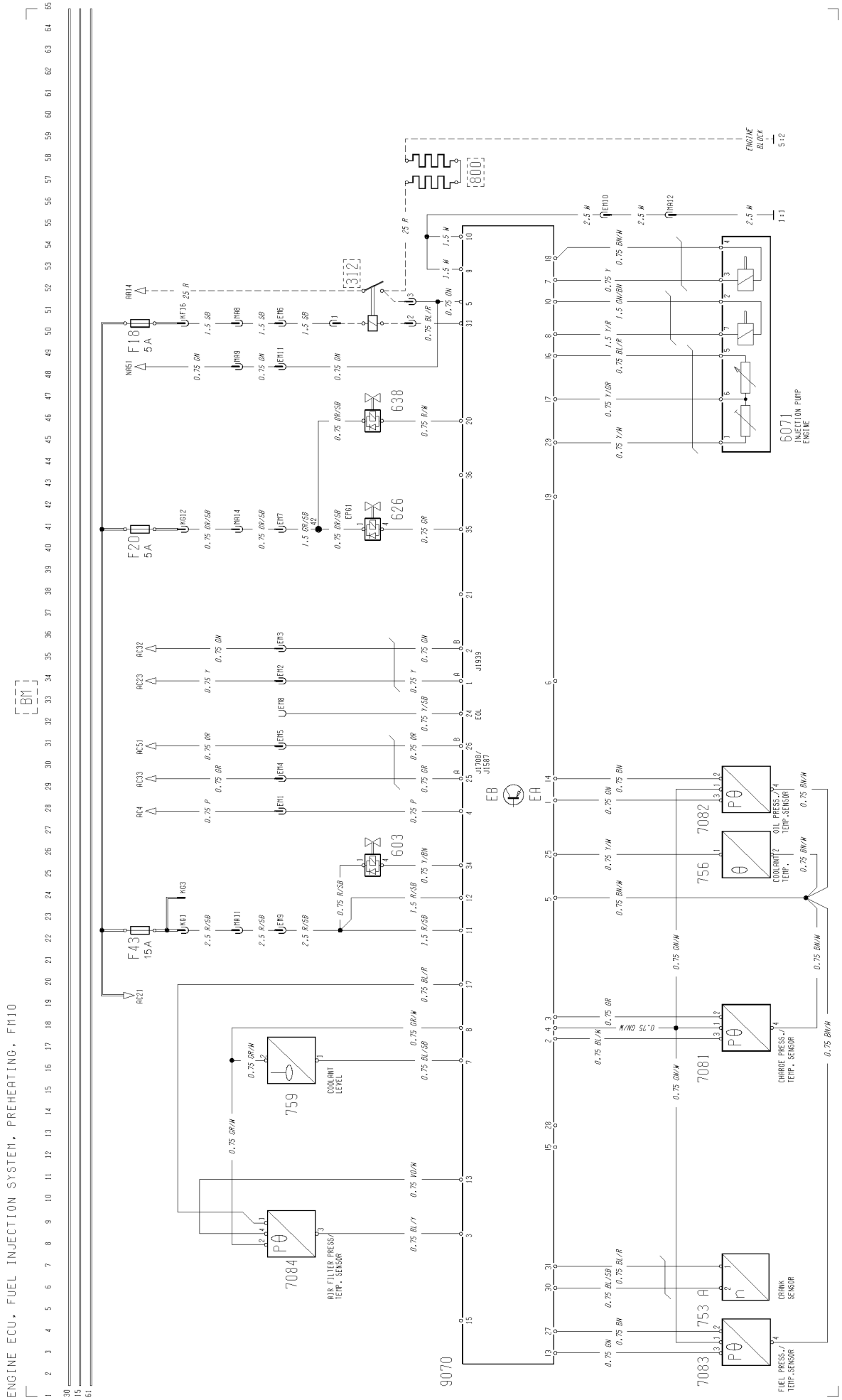

AC
VEHICLE ECU.
ACCELERATOR PEDAL
7065
CRUISE CONTROL
1135
CLUTCH SWITCH
2007
BRAKE SWITCH
2008
EXHAUST BRAKE SWITCH
1125
SECOND THROTTLE
1122
ENGINE SHUT-DOWN
DUAL SPEED
PTO MODE1
PTO MODE2
PTO SPEED LIMIT
PTO MODE3
ENGINE SHUT-DOWN
DIAGNOS OUTLET
AIR SUSP. RESERVOIR PRESS.
F19 5A
F2 5A
K5
379
754
218
9074
9029
6103
6114
2074
3109
6050
7065 A
J1939
J1708/J1587

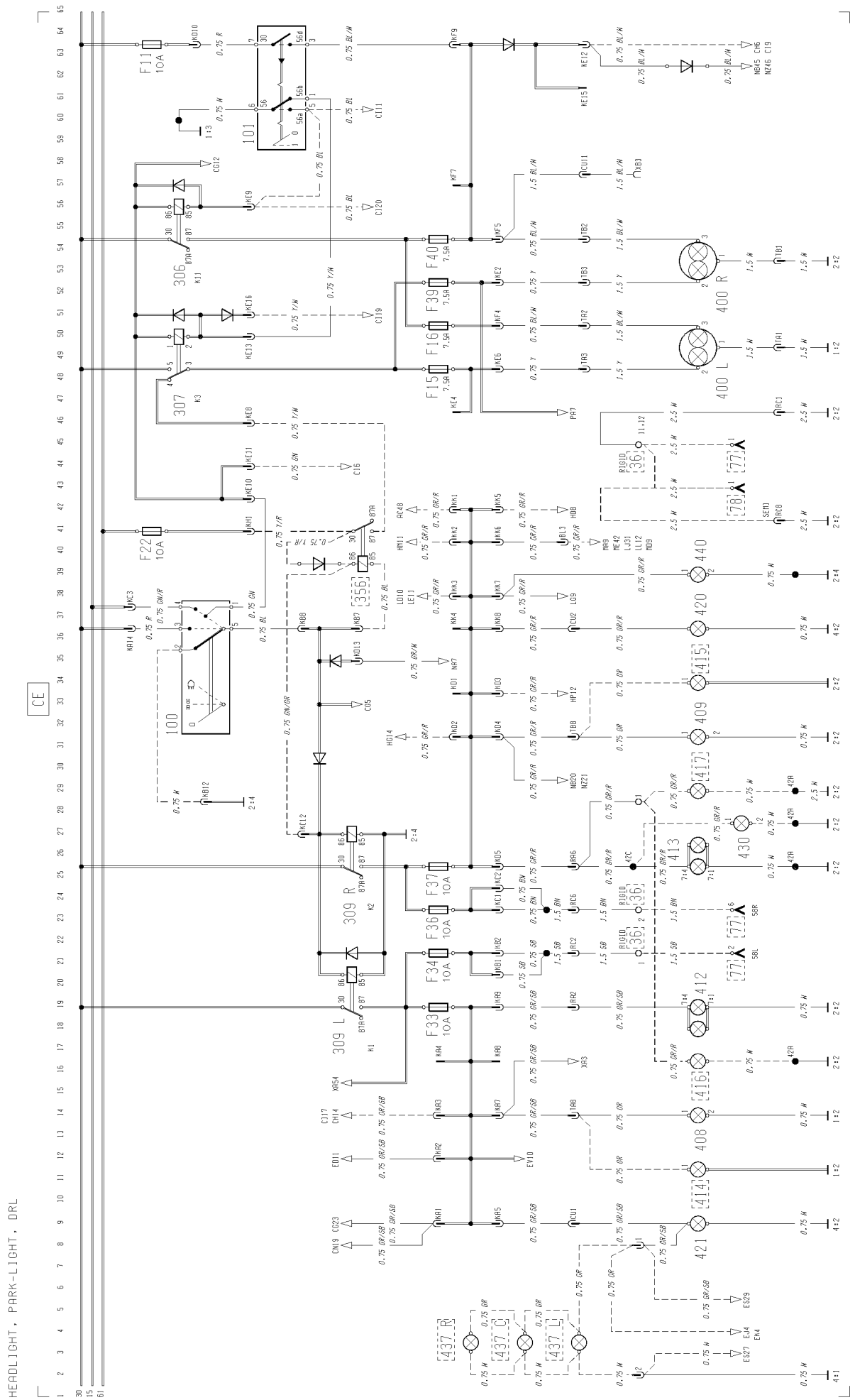
T3011388

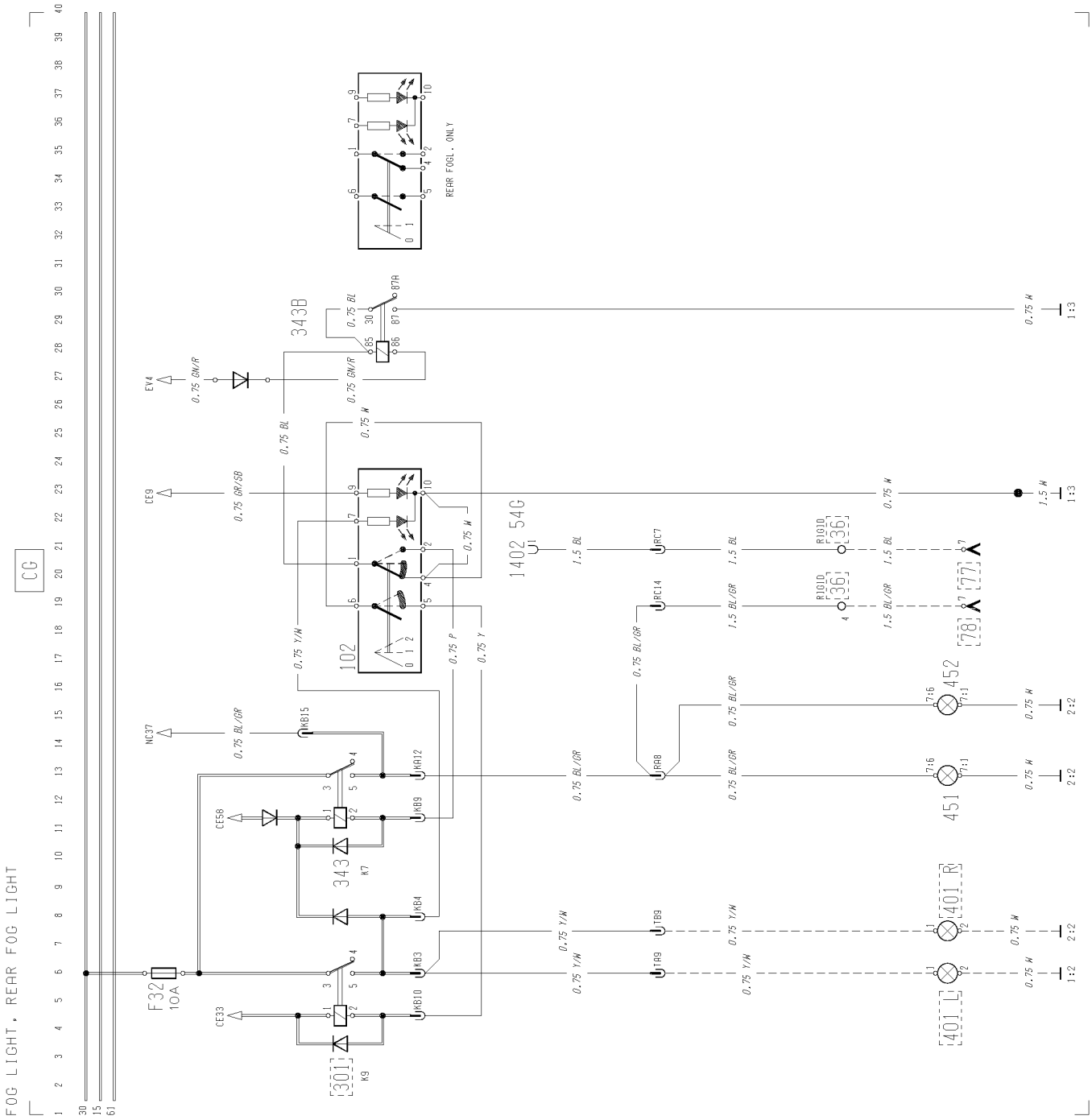

ENGINE ECU. FUEL INJECTION SYSTEM, PREHEATING, FM7.
F18 5A
F20 5A
F43 15A
626
603
759
7084
AIR FILTER PRESS./ TEMP. SENSOR
COOLANT LEVEL
7082
OIL PRESS./ TEMP.SENSOR
756
COOLANT TEMP.
7081
CHARGE PRESS./ TEMP. SENSOR
7073
NEEDLE MOVEMENT SENSOR
753 B
CAM SENSOR
753 A
CRANK SENSOR
7083
FUEL PRESS./ TEMP.SENSOR
6071
INJECTION PUMP ENGINE
9070
EB
EA
J1939
EOL
J1708/ J1587

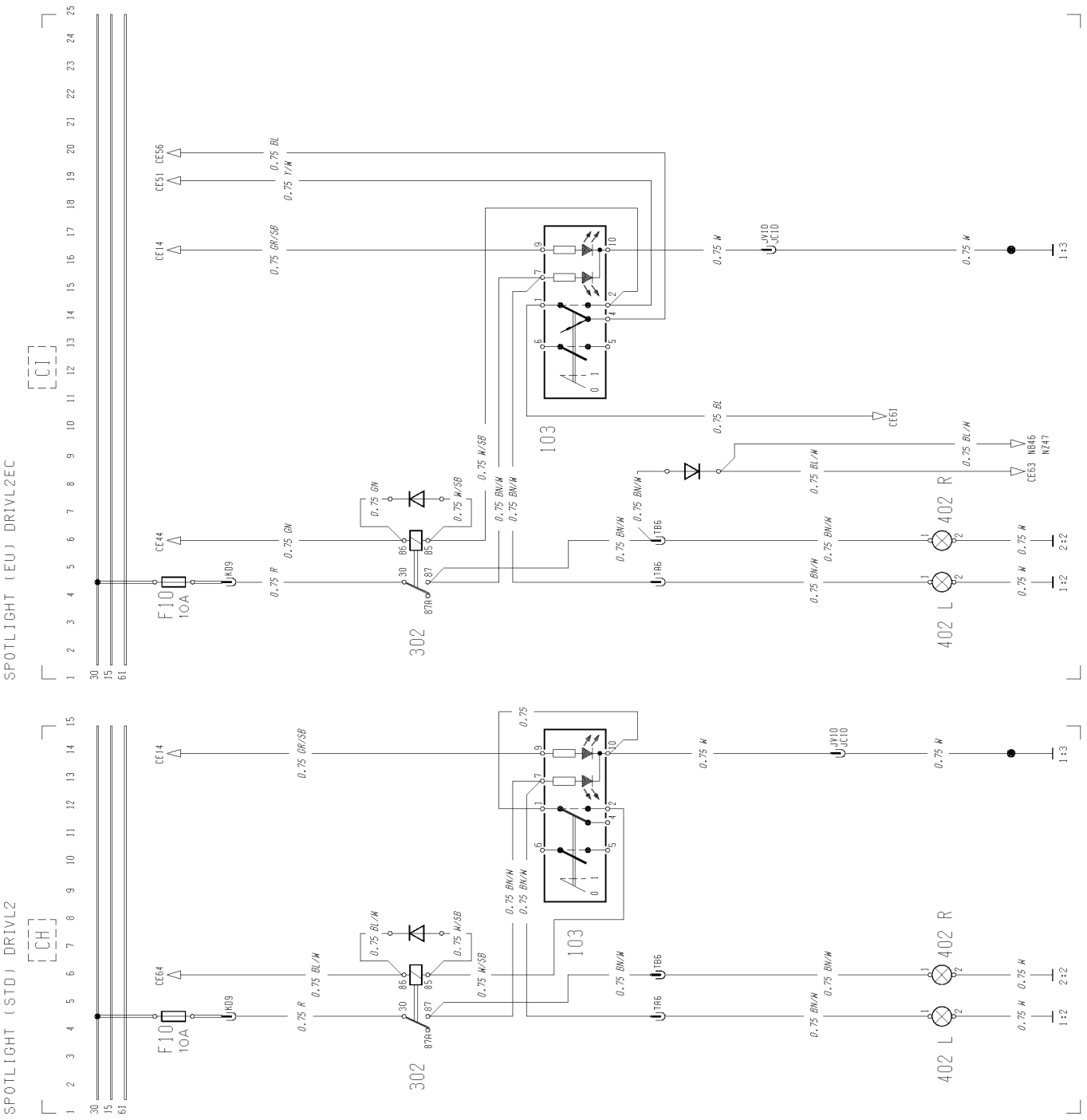

ENGINE ECU, FUEL INJECTION SYSTEM, PREHEATING, FM12.
F43 15A
F20 5A
F18 5A
626
6800
5312
VCB
6600B
6072
UNIT INJECTORS 12-LITRE ENGINE
EB
EA
9070
759
COOLANT LEVEL
7084
AIRFILTER PRESS/ TEMP.SENSOR
7083
FUEL PRESS/ TEMP SENSOR
753 A
CRANK SENSOR
753 B
CAM SENSOR
7081
CHARGE PRESS/ TEMP.SENSOR
756
COOLANT TEMP.
7082
OIL PRESS/ TEMP.SENSOR
J1939
J1708/ J1587
ENGINE BLOCK

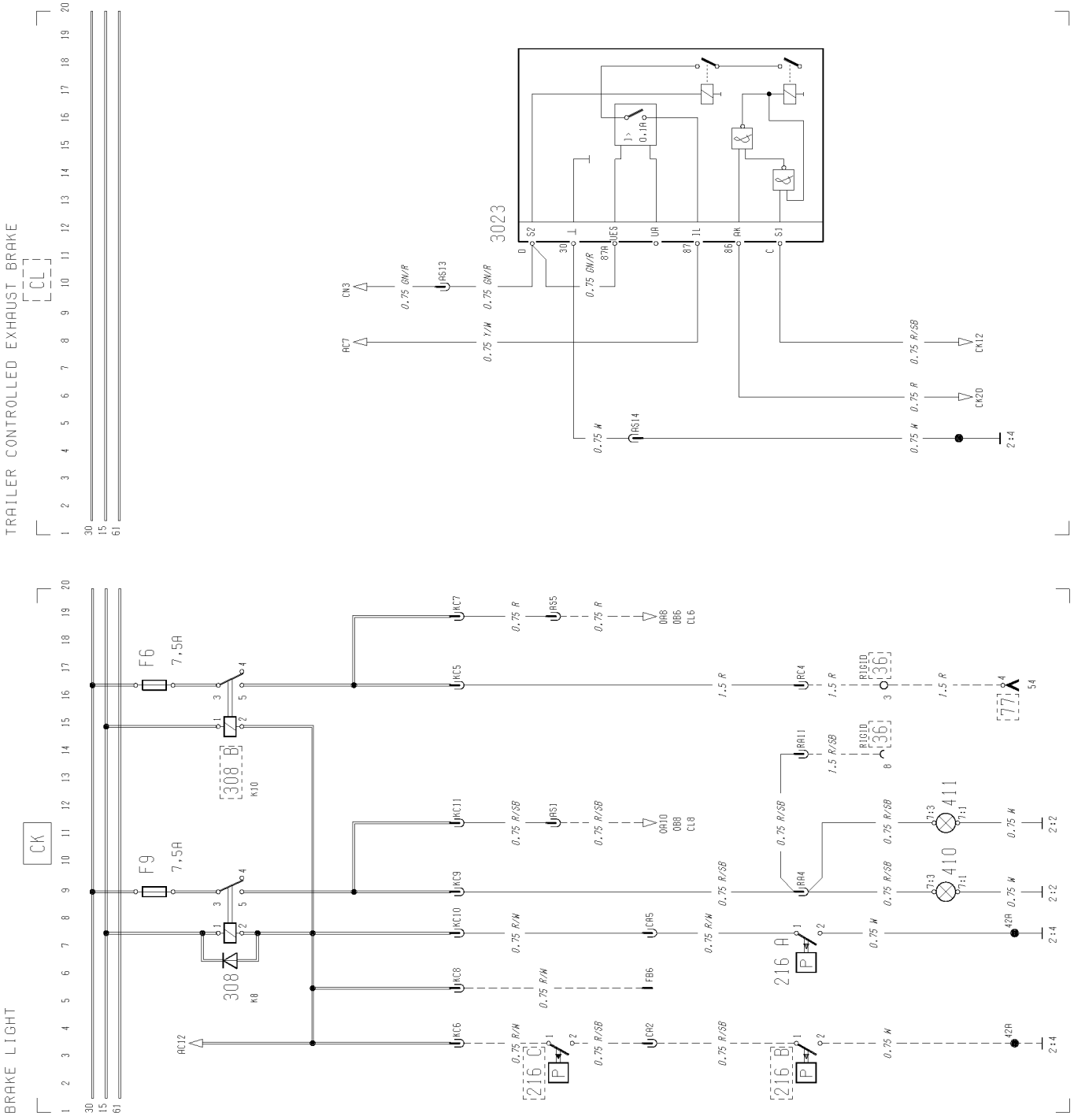
T3011390


ENGINE ECU, FUEL INJECTION SYSTEM, PREHEATING, FM10
F18 5A
F20 5A
F43 15A
6071 INJECTION PUMP ENGINE
7084 AIR FILTER PRESS./ TEMP. SENSOR
759 COOLANT LEVEL
7082 OIL PRESS./ TEMP. SENSOR
756 COOLANT TEMP.
7081 CHARGE PRESS./ TEMP. SENSOR
753 A CRANK SENSOR
7083 FUEL PRESS./ TEMP. SENSOR
9070
638
626
603
EB
EA
J1939
J1708/ J1587
EOL
ENGINE BLOCK


HEADLIGHT, PARK-LIGHT, DRL
CE
F11 10A
F22 10A
F15 7.5A
F16 7.5A
F39 7.5A
F40 7.5A
F34 10A
F36 10A
F37 10A
F33 10A
100
101
306
307
309 L
309 R
400 L
400 R
420
440
409
413
430
412
408
421
T3011392


FOG LIGHT, REAR FOG LIGHT
CG
REAR FOGL. ONLY
F32
10A
343B
343
K7
3011
K9
102
1402 54G
452
451
1401 R
1401 L
T3011498


SPOTLIGHT (EU) DRIVL2EC
SPOTLIGHT (STD) DRIVL2
F10
10A
302
103
402 L
402 R
CE14
CE44
CE64
CE56
CE51
CE61
0.75 GR/SB
0.75 GN
0.75 R
0.75 BL/W
0.75 W/SB
0.75 BN/W
0.75 BL
0.75 W
T3011393


TRAILER CONTROLLED EXHAUST BRAKE
[CL]
BRAKE LIGHT
[CK]
F6 7,5A
F9 7,5A
[308 B] K10
308 K8
3023
[216 C]
[216 B]
216 A
410
411
[136]
[771]
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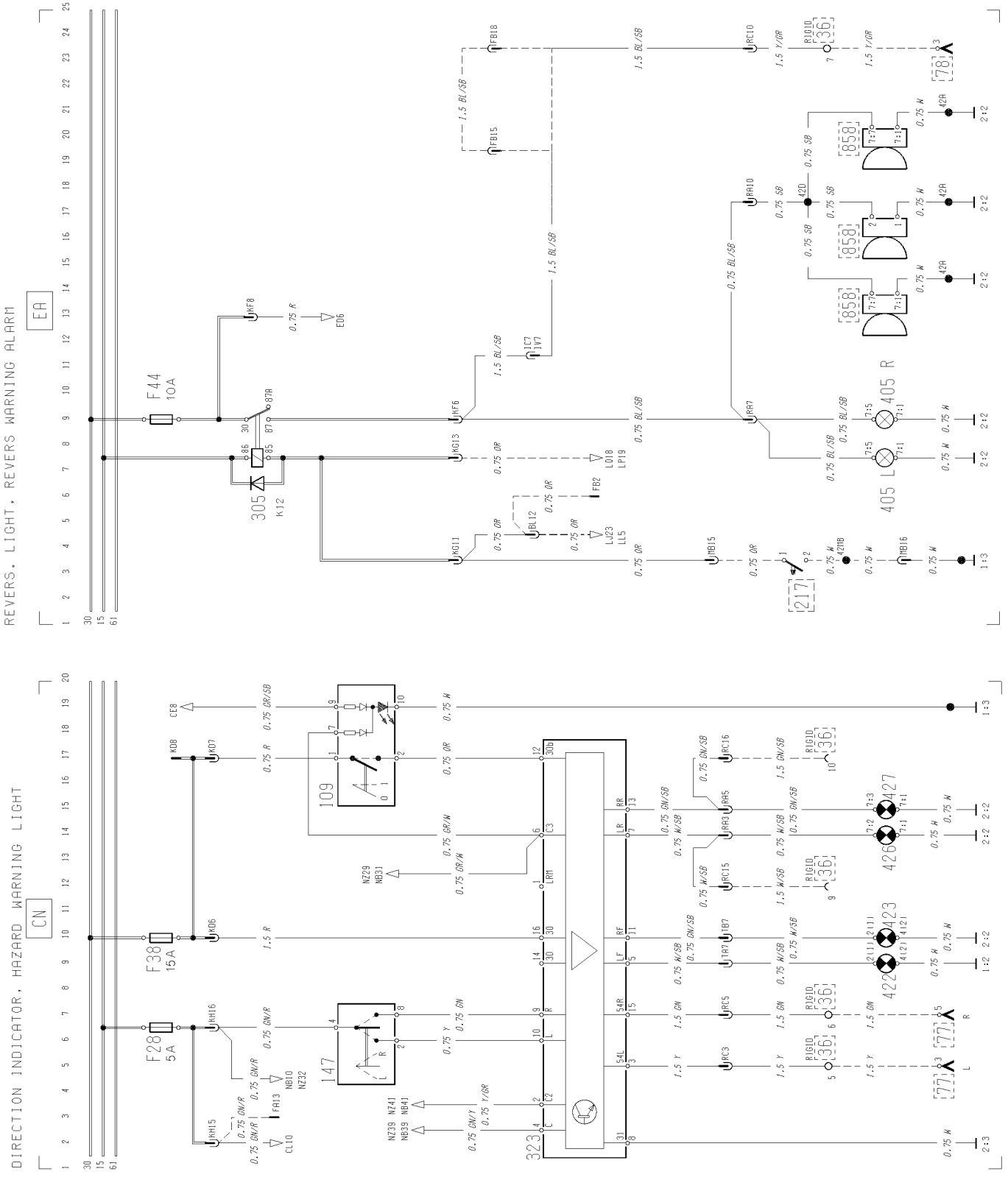
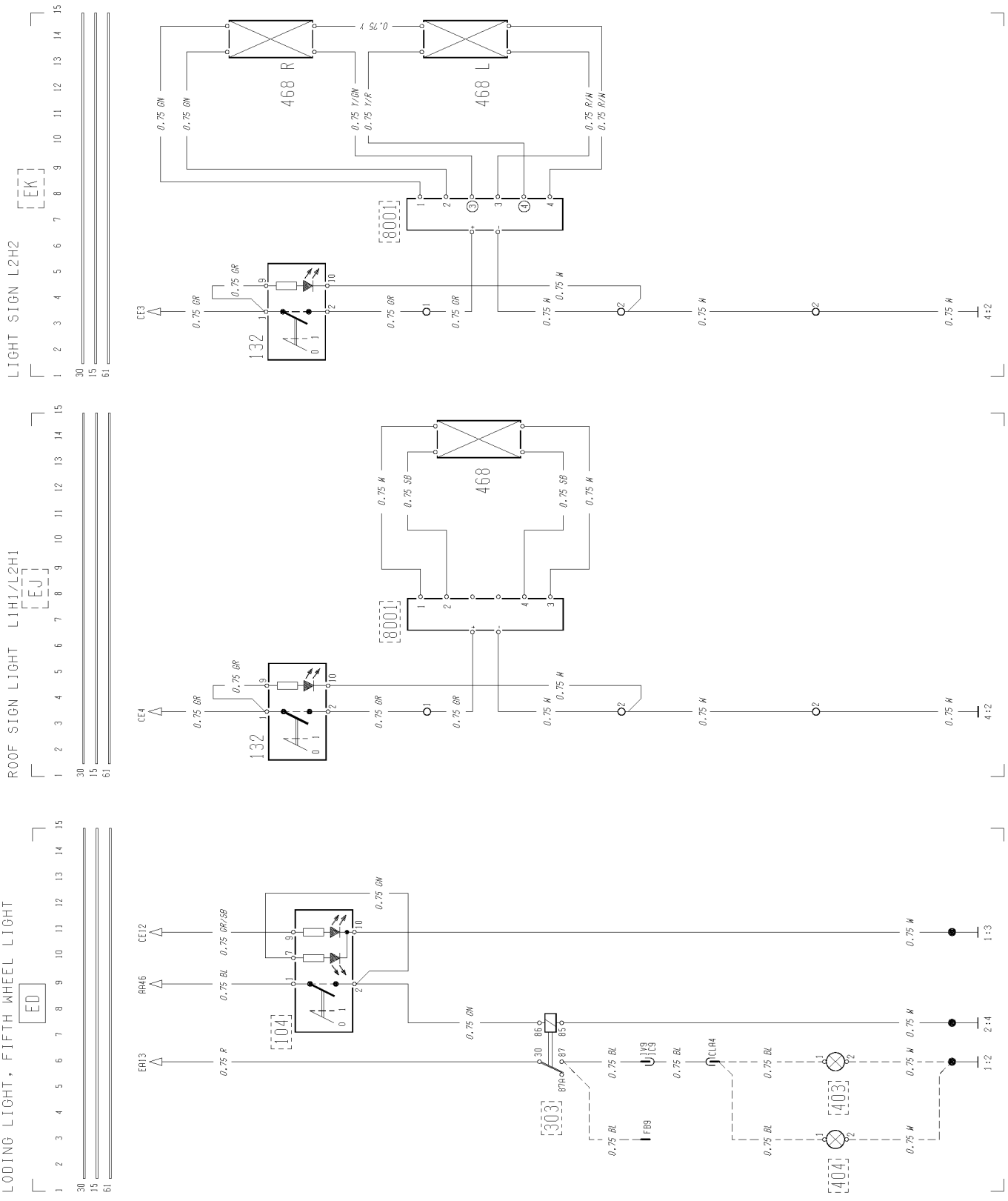
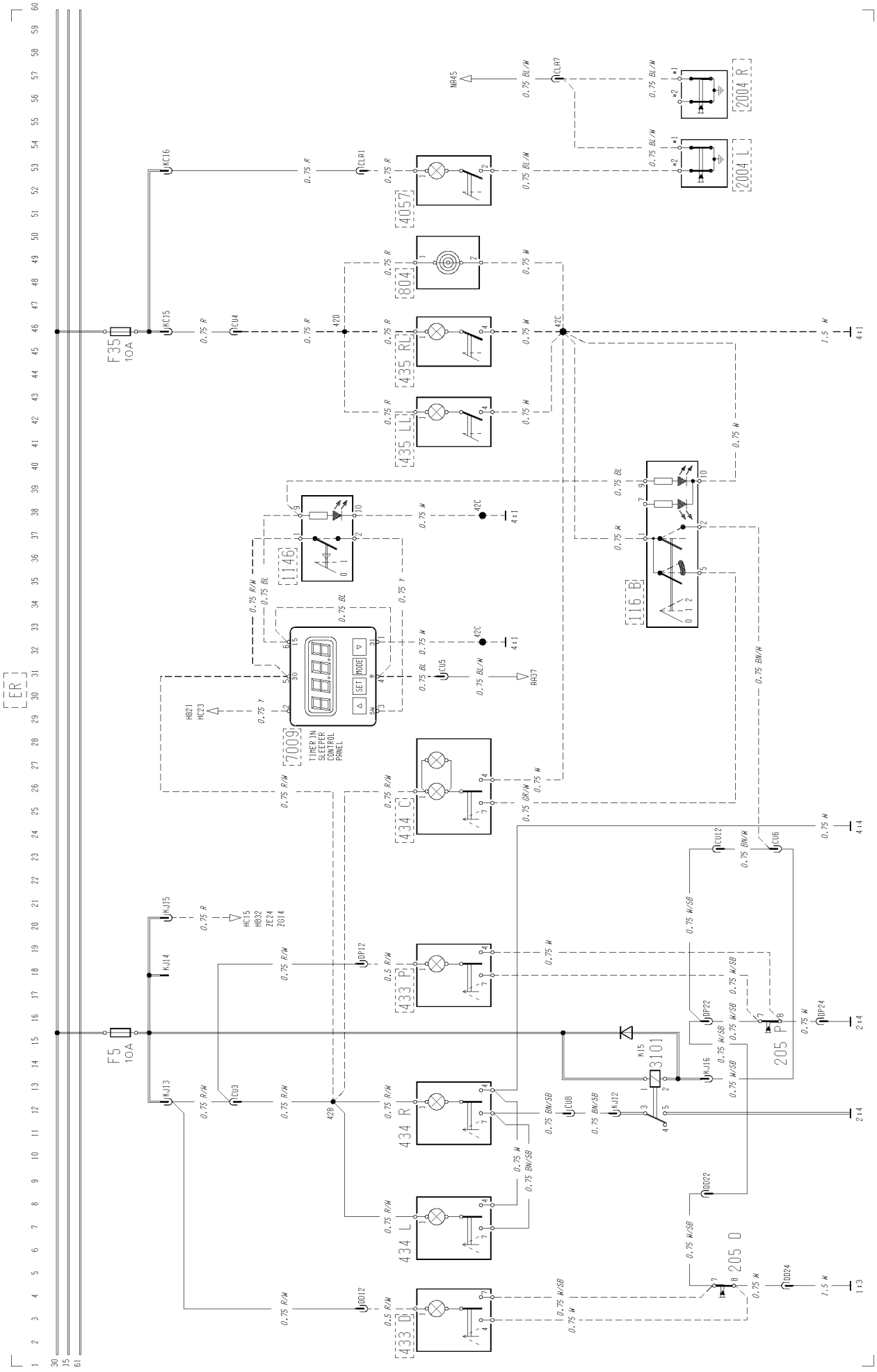
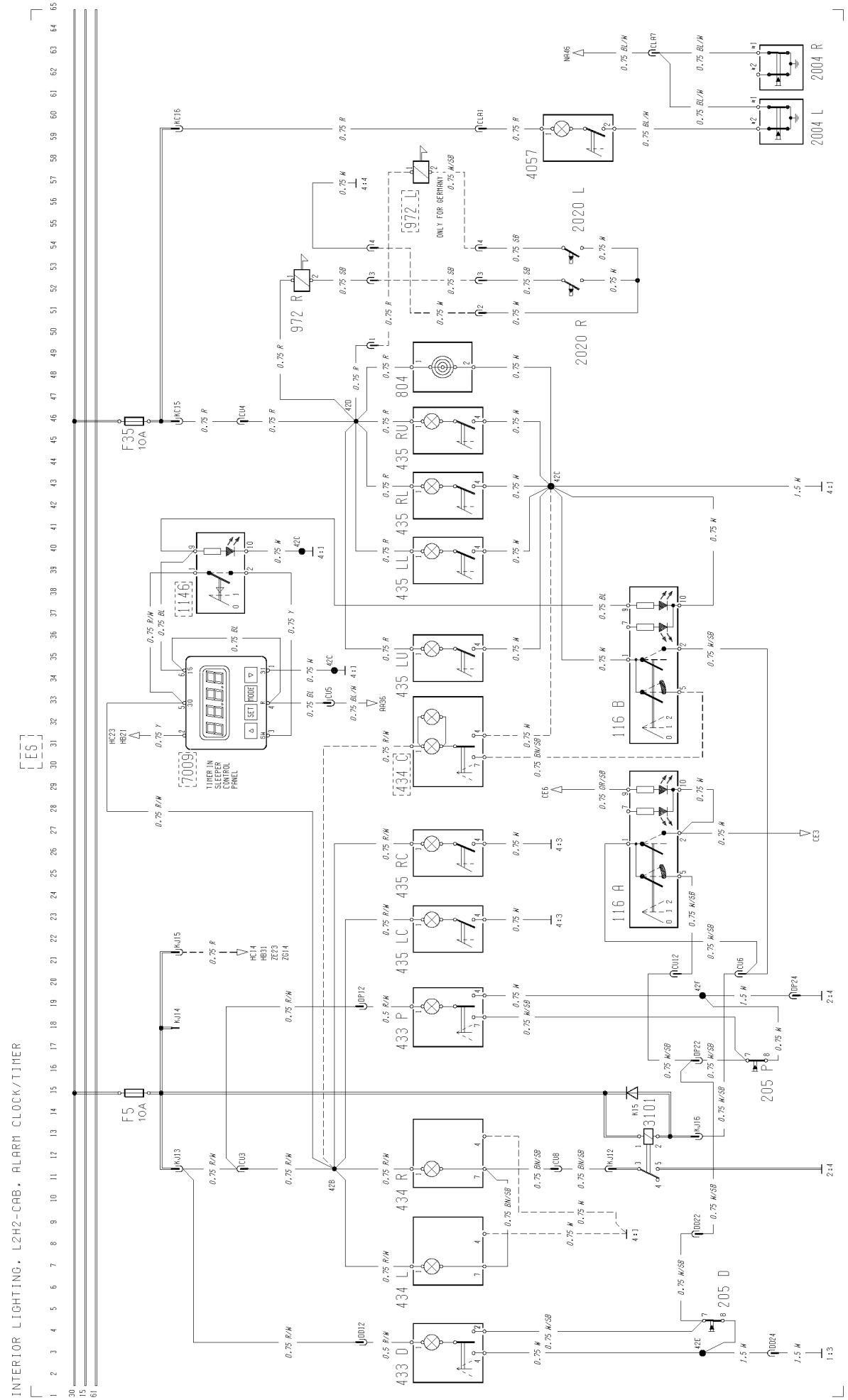

REVERS. LIGHT, REVERS WARNING ALARM
EA
DIRECTION INDICATOR, HAZARD WARNING LIGHT
CN
F44 10A
F38 15A
F28 5A
305
K12
109
147
323
405 R
405 L
T3011395

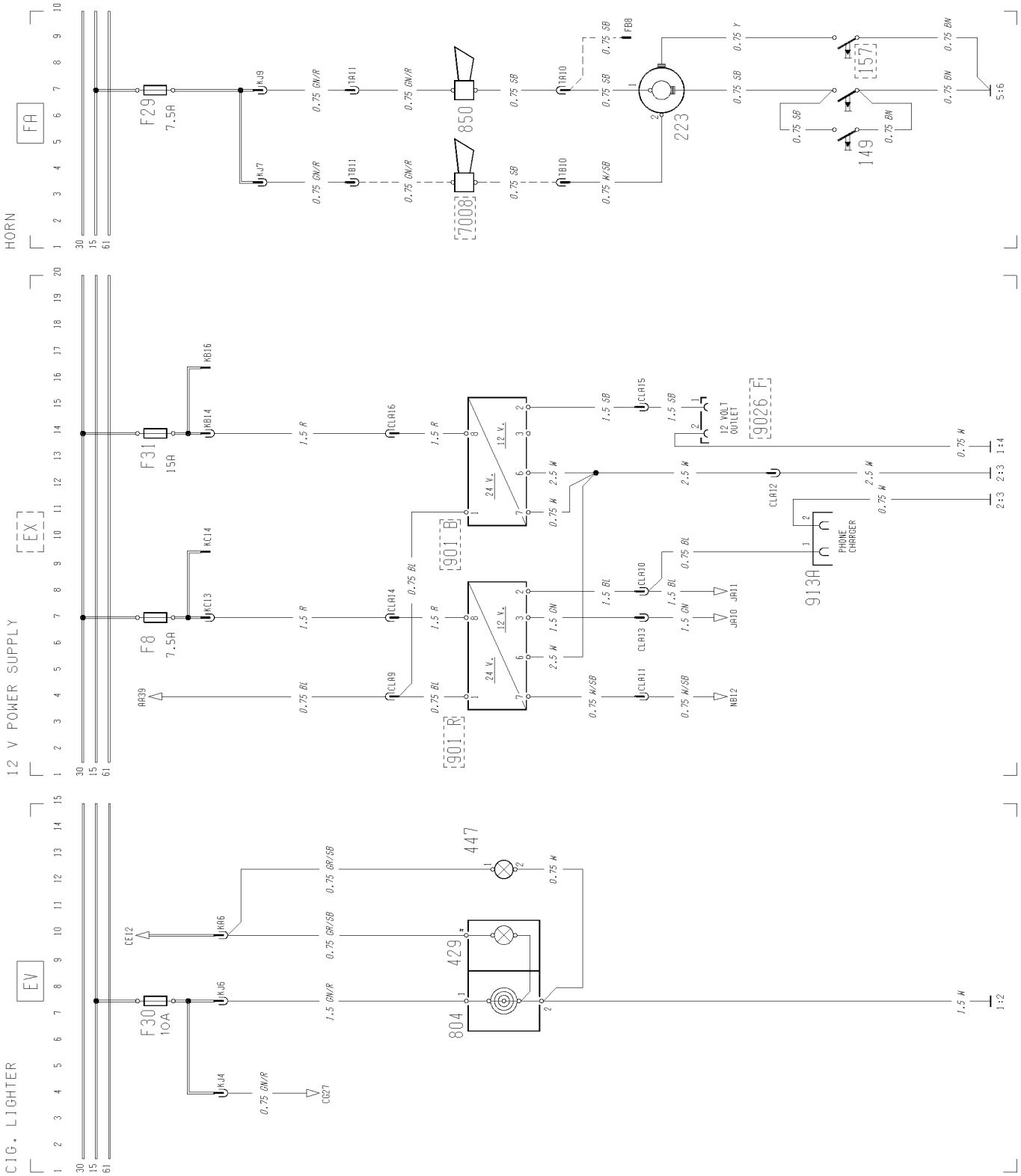

LIGHT SIGN L2H2
[EK]
468 R
468 L
0.75 GN
0.75 Y/GN
0.75 Y/R
0.75 R/W
[8001]
132
0.75 GR
0.75 W
CE3
4:2
ROOF SIGN LIGHT L1H1/L2H1
[EJ]
468
0.75 SB
CE4
LODING LIGHT, FIFTH WHEEL LIGHT
[ED]
CE12
0.75 GR/SB
AR46
0.75 BL
ER13
0.75 R
[1104]
[3303]
[4403]
[4404]
FB9
1:3
2:4
1:2

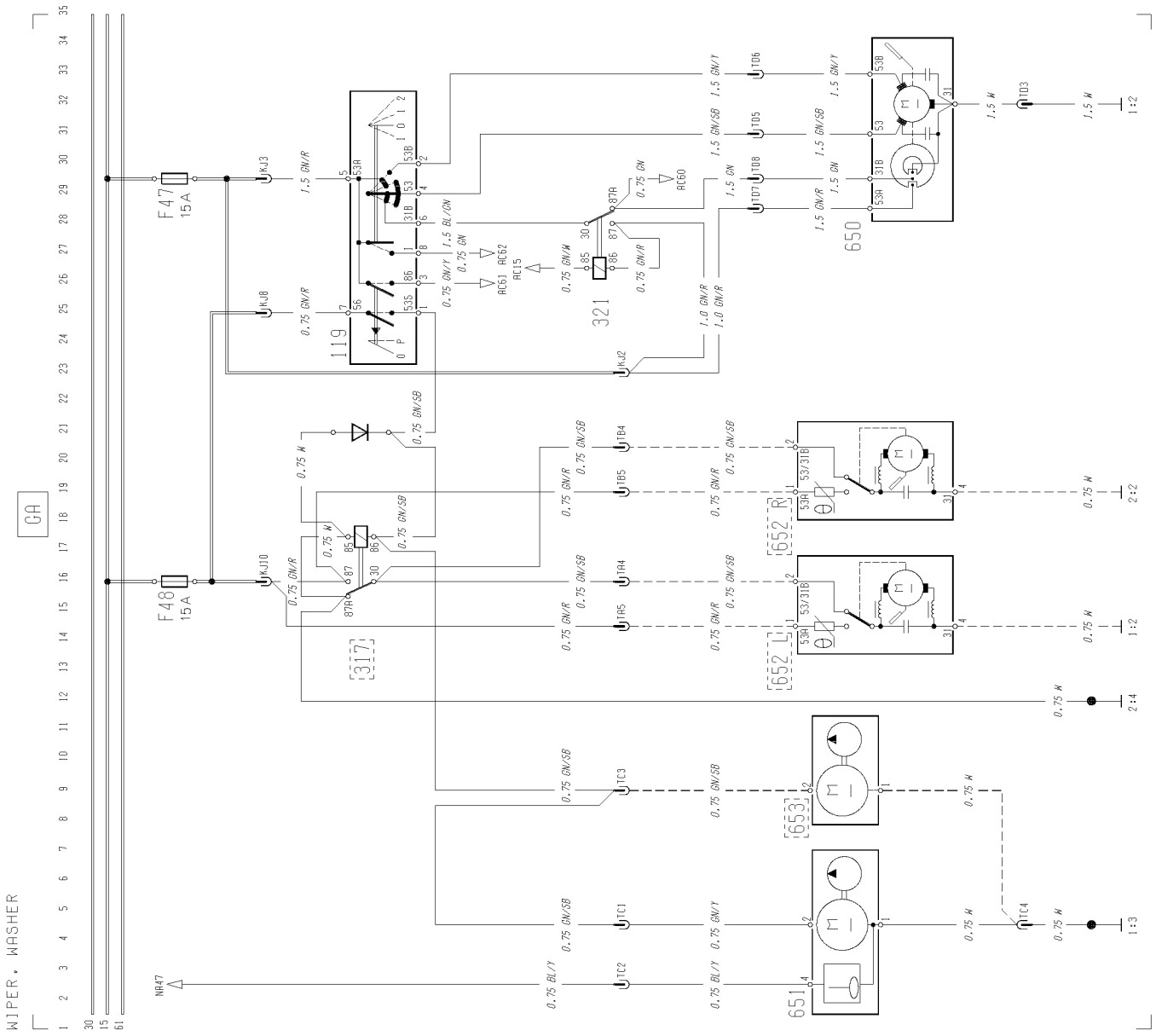
T3011396

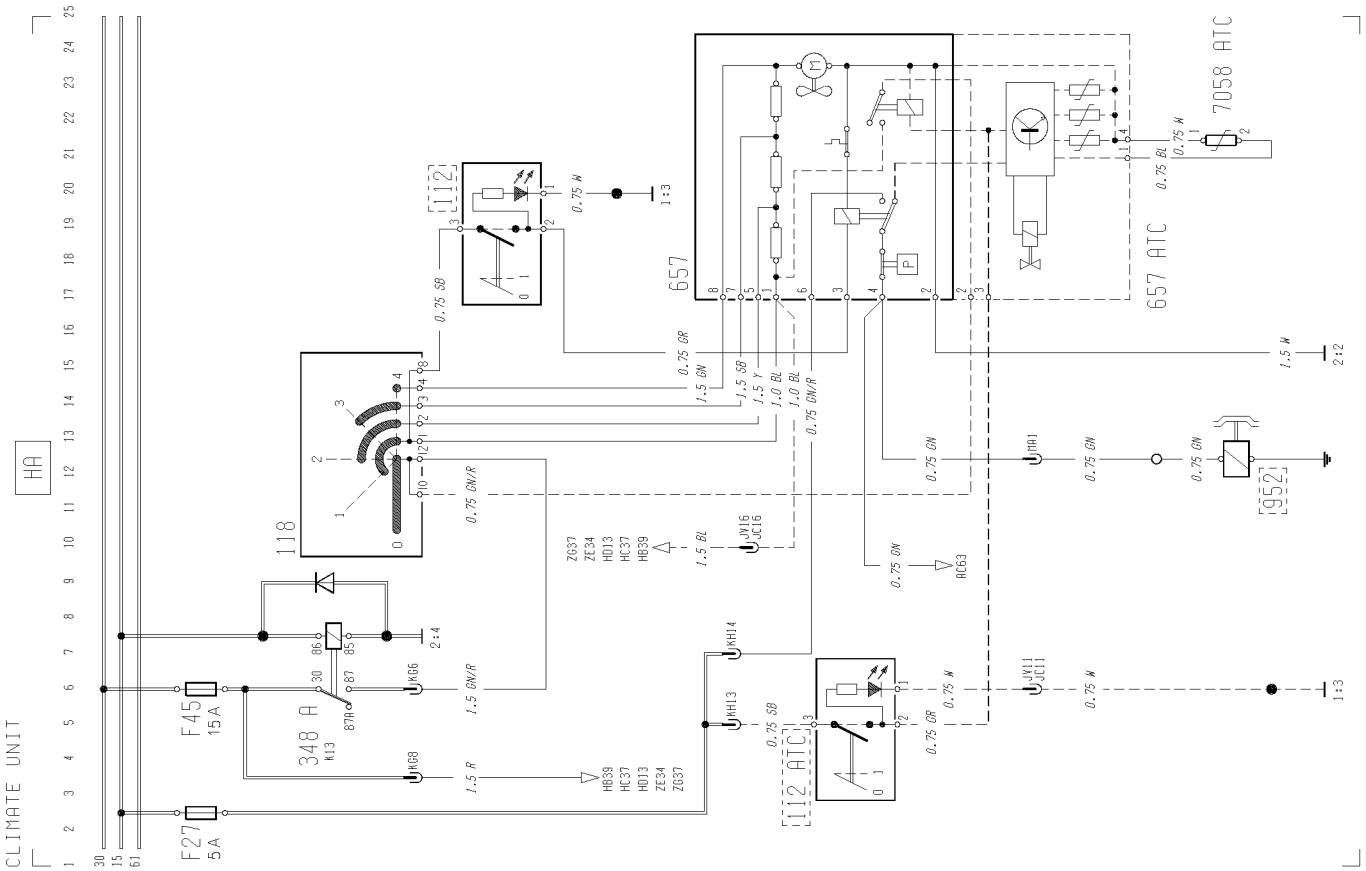

INTERIOR LIGHTING, L1H1-CAB, L2H1-CAB, ALARM CLOCK/TIMER
F35 10A
F5 10A
4057
8041
4351 RL
4351 LL
1146
1116 B
2004 R
2004 L
7009
TIMER IN SLEEPER CONTROL PANEL
4341 C
4331 P
4341 R
4341 L
4331 D
3101
205 P
205 D
SET
MODE

T3011397

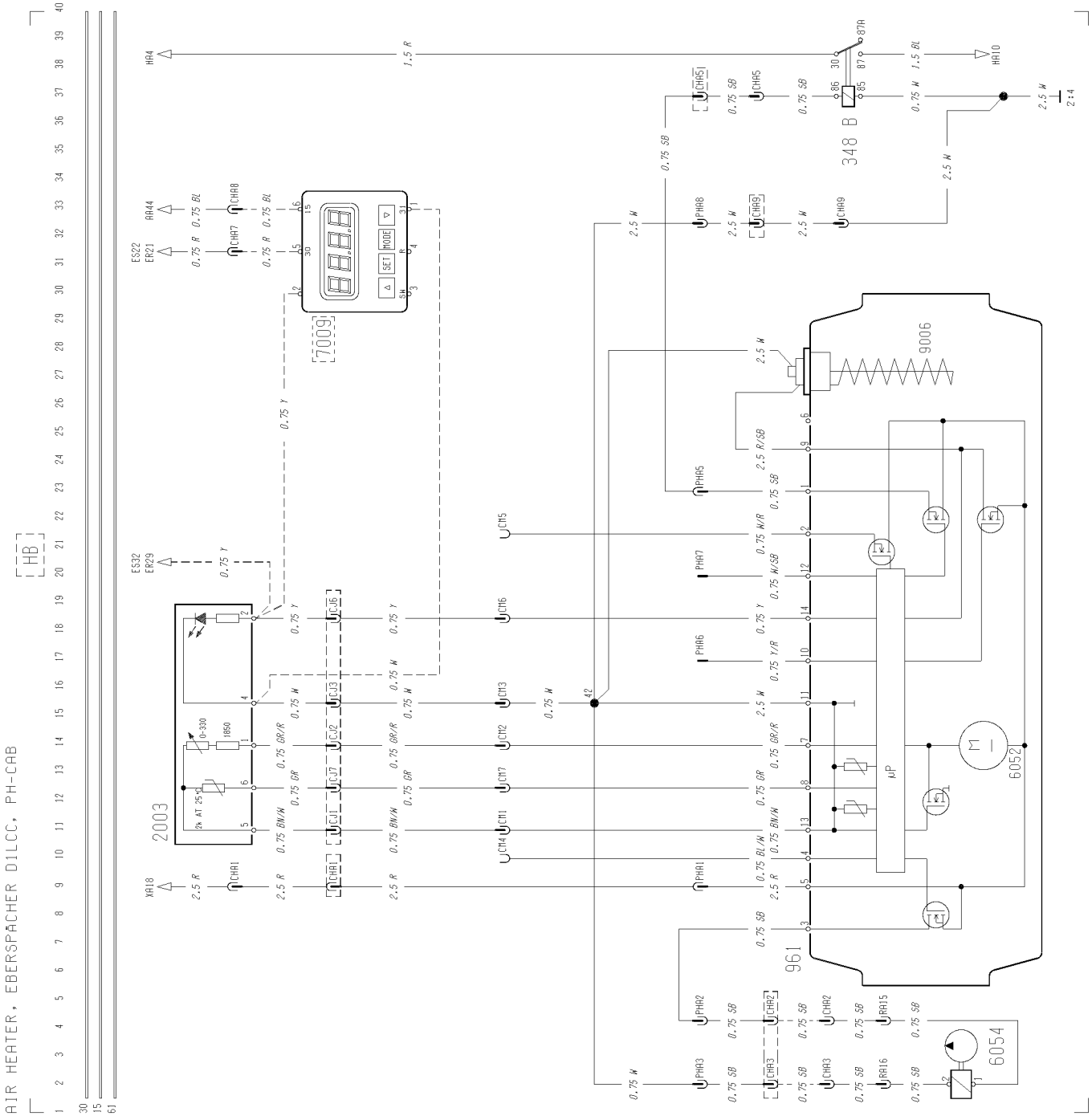

INTERIOR LIGHTING, L2H2-CAB, ALARM CLOCK/TIMER
F5
10A
F35
10A
L7009
TIMER IN SLEEPER CONTROL PANEL
L1146
L972 L
ONLY FOR GERMANY
972 R
4057
2020 L
2020 R
2004 R
2004 L
804
435 RU
435 RL
435 LU
435 LL
435 LC
435 RC
433 P
433 D
434 L
434 R
434 C
116 A
116 B
205 P
205 D
3101
MODE
SET

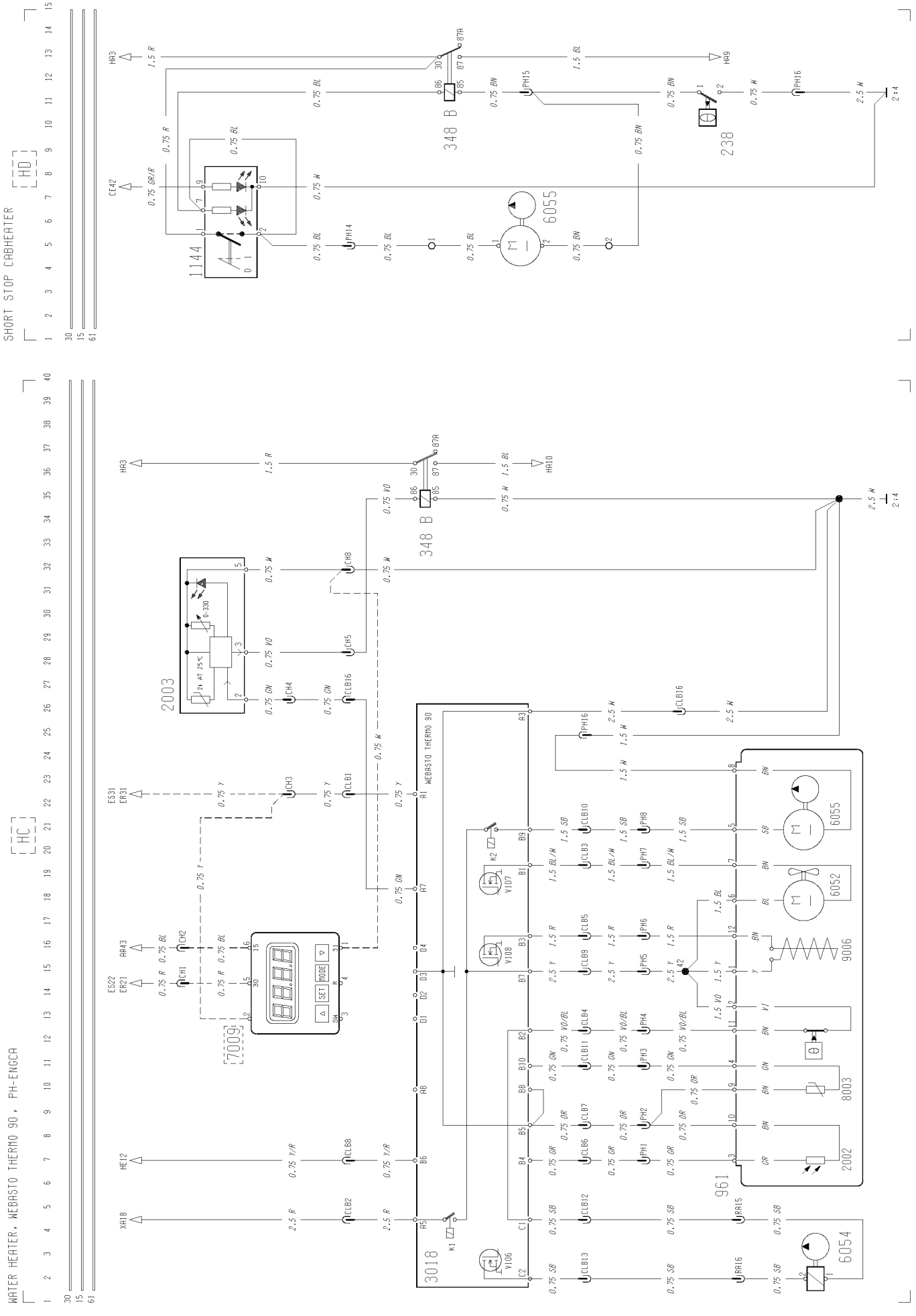

HORN
FA
F29
7.5A
850
7008
223
1571
149
12 V POWER SUPPLY
EX
F31
15A
F8
7.5A
901 B
901 R
9026 F
12 VOLT OUTLET
PHONE CHARGER
913A
CIG. LIGHTER
EV
F30
10A
447
429
804
T3011399

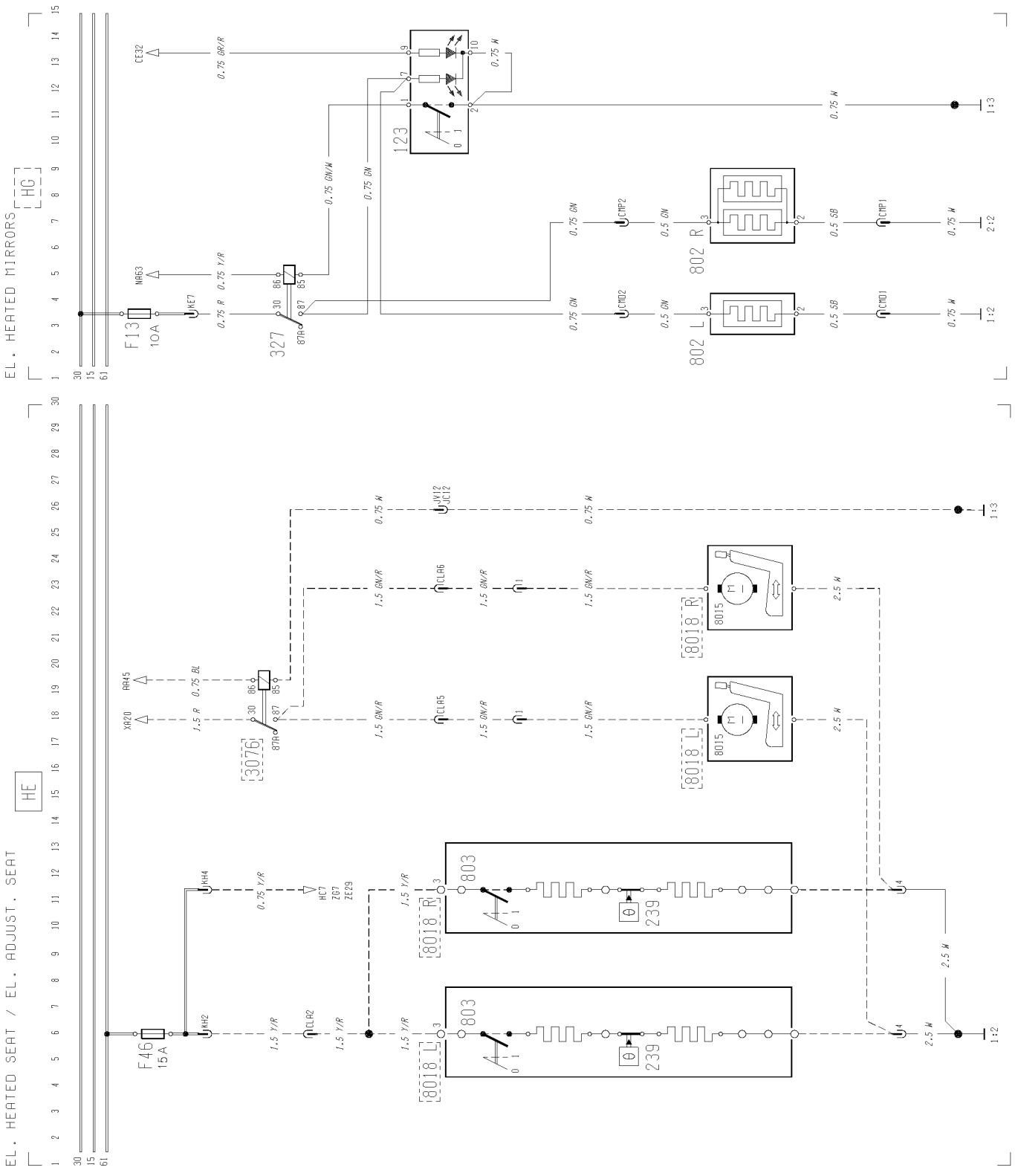

WIPER, WASHER
GA
F47
15A
F48
15A
119
321
317
650
652 R
652 L
653
651
T3011400

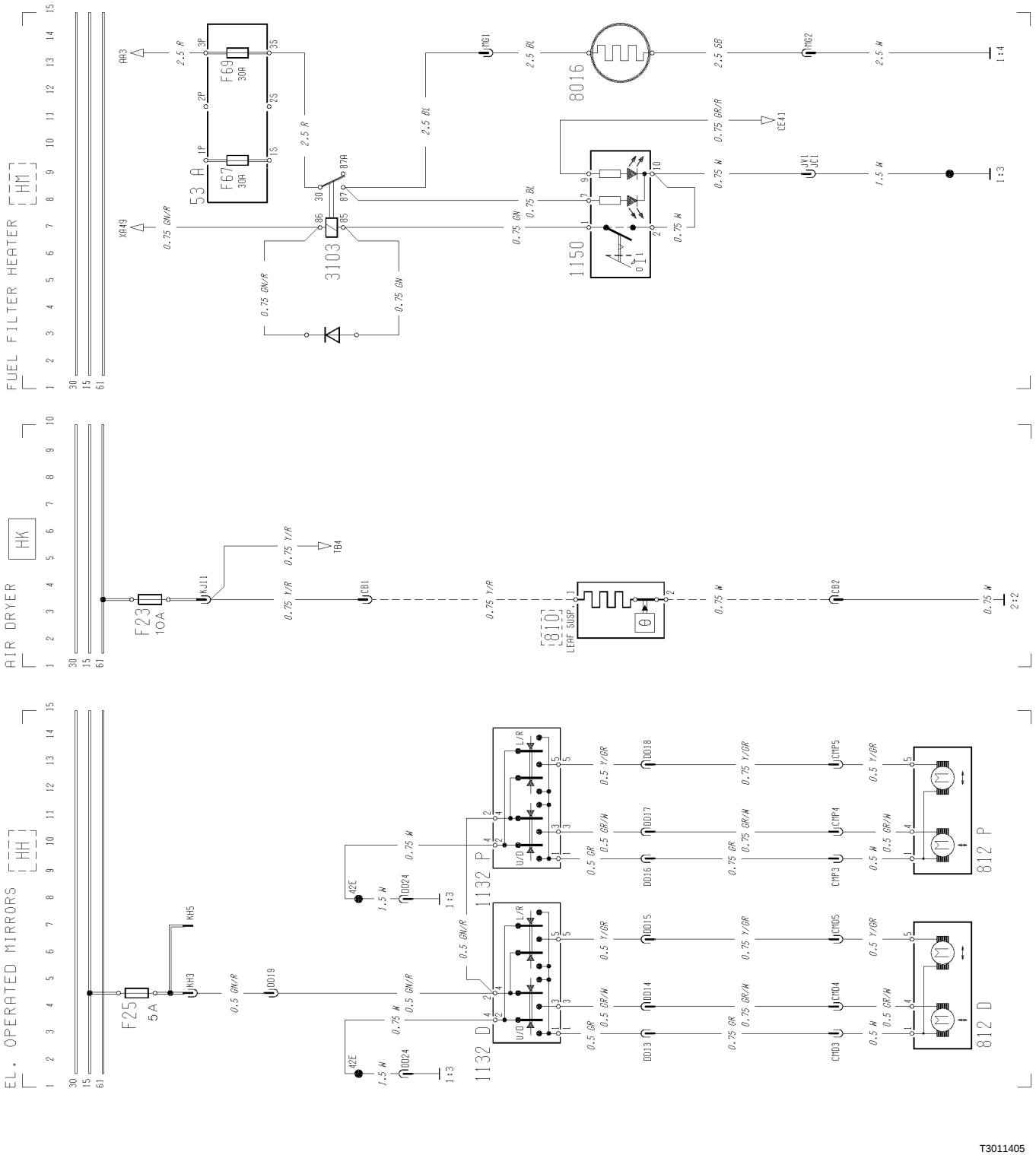

CLIMATE UNIT
HA
F45 15A
F27 5A
348 A
K13
118
657
657 ATC
7058 ATC
[112]
[112 ATC]
[952]
0.75 SB
0.75 GR
1.5 GN
1.5 SB
1.5 Y
1.0 BL
0.75 GN/R
1.5 GN/R
1.5 R
0.75 GN
0.75 W
0.75 BL
1.5 W
1.5 BL
ZG37
ZE34
HD13
HC37
HB39
AC63
1:3
2:2
2:4

T3011401

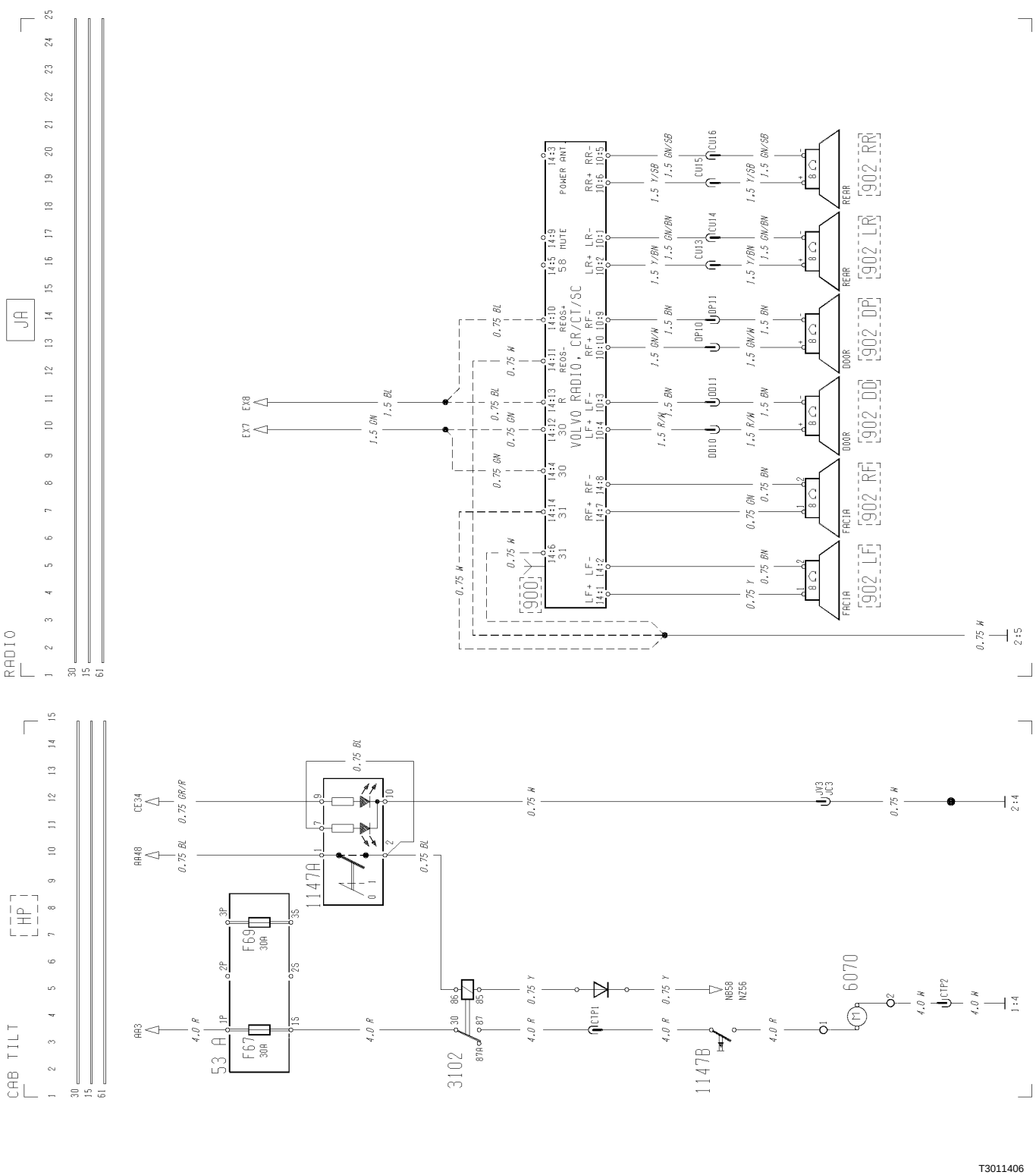

AIR HEATER, EBERSPÄCHER DILCC, PH-CAB
HB
2003
7009
9006
961
6052
6054
348 B
T3011402

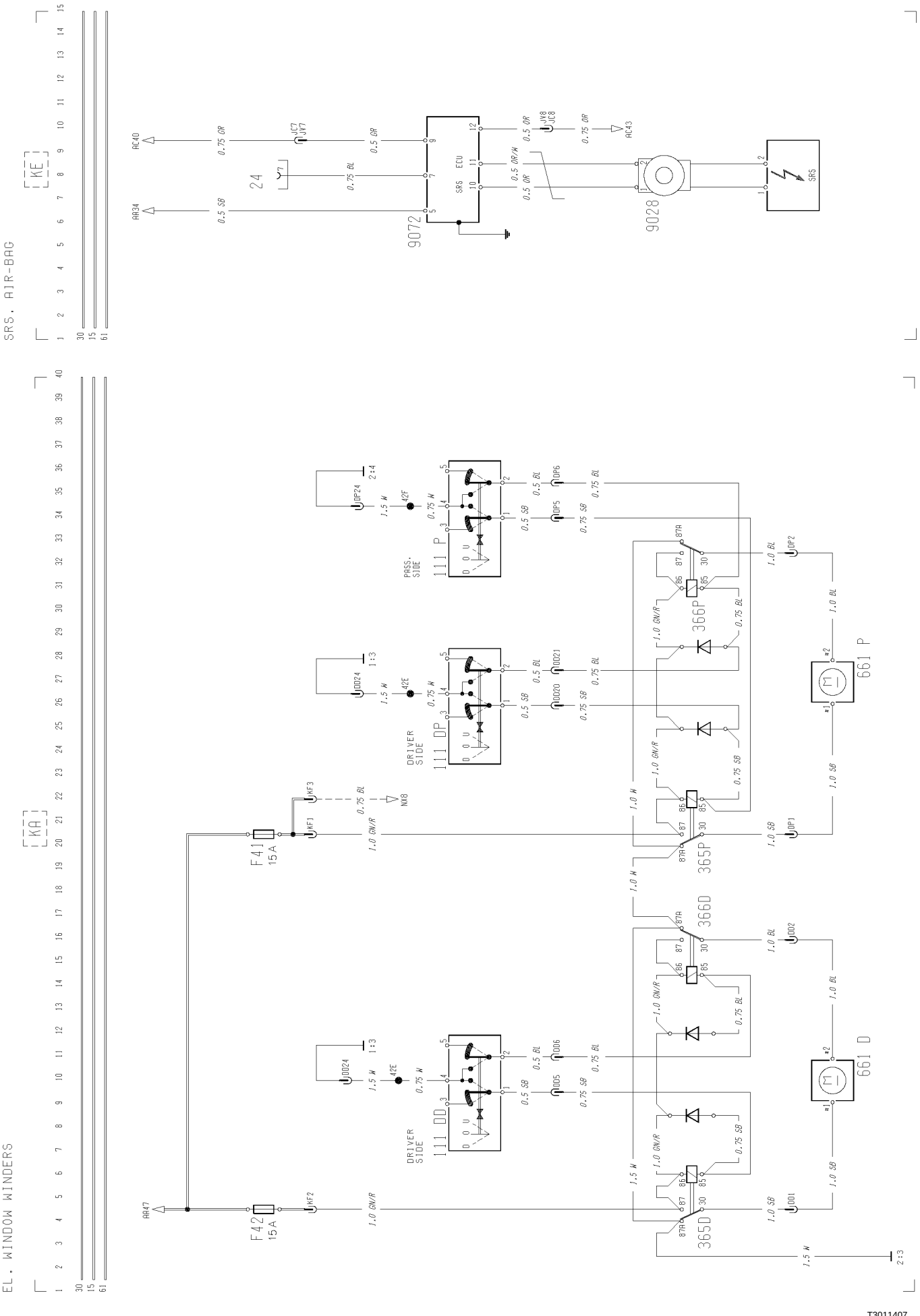

SHORT STOP CABHEATER
HD
WATER HEATER, WEBASTO THERMO 90, PH-ENGCA
HC
WEBASTO THERMO 90
348 B
238
6055
6052
6054
9006
8003
2002
2003
3018
7009
961
T3011403

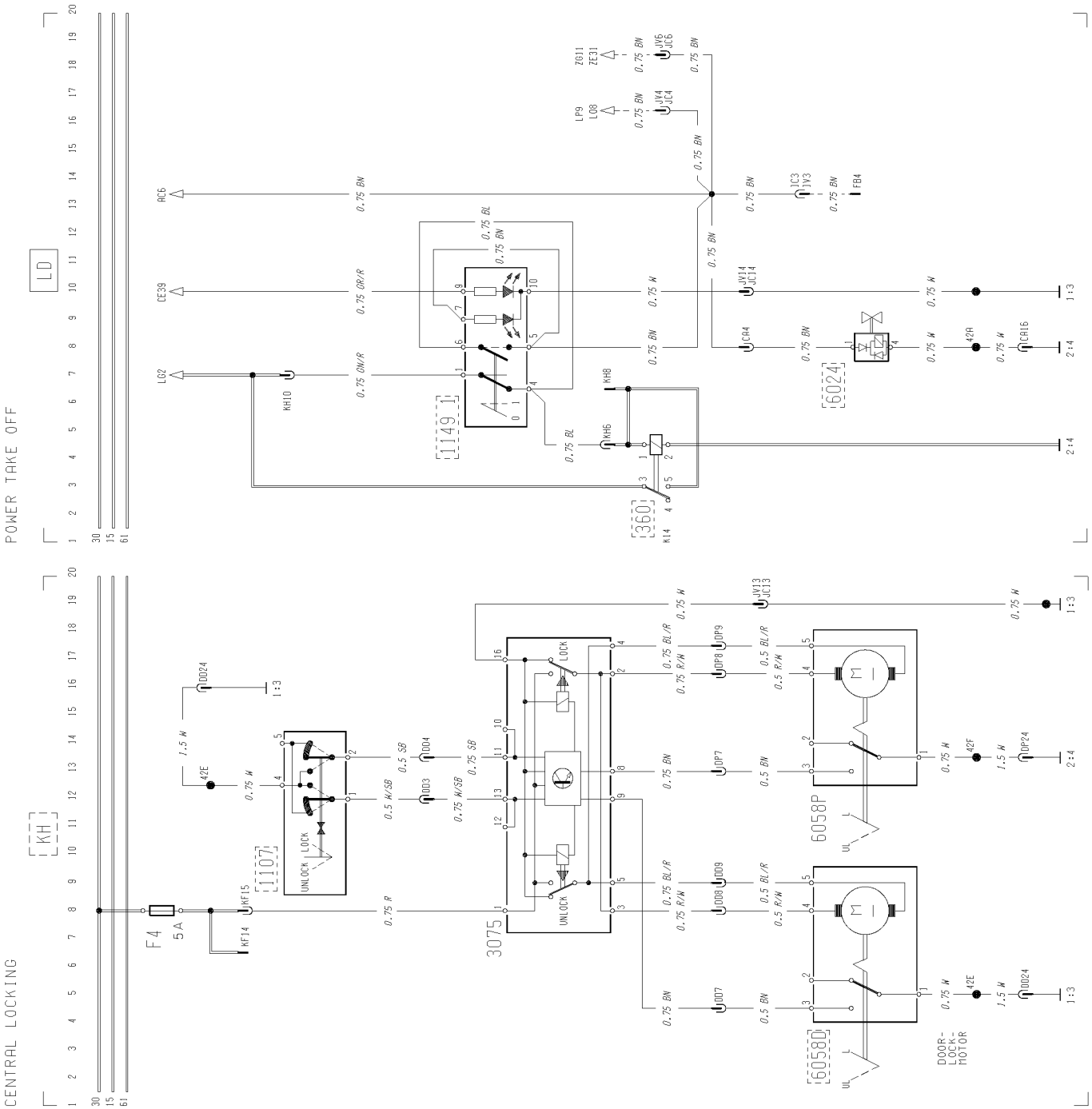

EL. HEATED MIRRORS
HG
EL. HEATED SEAT / EL. ADJUST. SEAT
HE
F13
10A
F46
15A
123
327
802 R
802 L
803
239
8018 R
8018 L
8015
3076
0.75 GN/W
0.75 GN
0.75 GR/R
0.75 Y/R
0.75 W
0.5 GN
0.5 SB
1.5 GN/R
1.5 Y/R
1.5 R
0.75 BL
2.5 W
T3011404


FUEL FILTER HEATER
AIR DRYER
EL. OPERATED MIRRORS
F69 30A
F67 30A
53 A
3103
8016
1150
F23 10A
F25 5A
1132 P
1132 D
812 P
812 D
8010
LEAF SUSP.

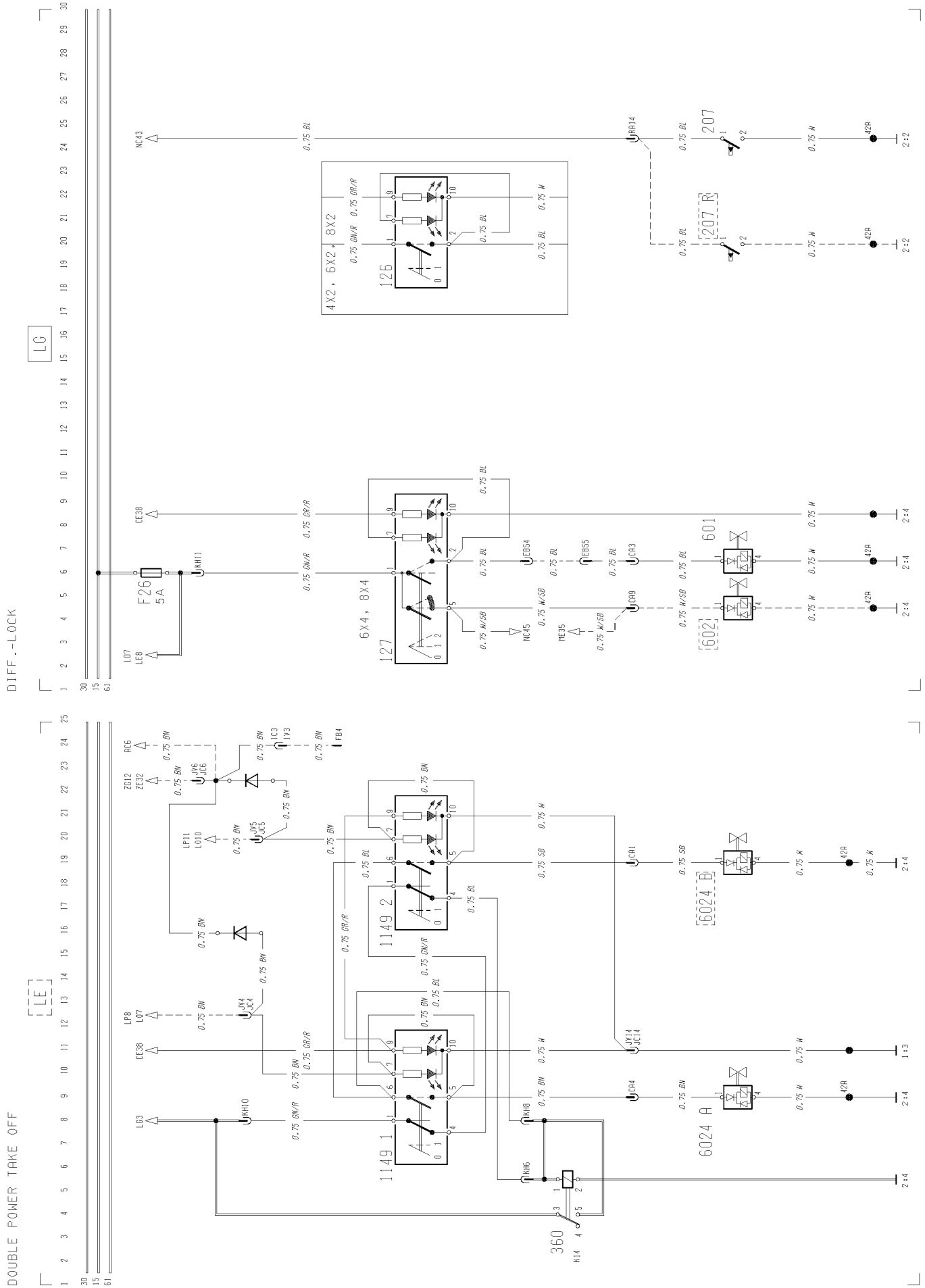
T3011405


RADIO
JA
CAB TILT
HP
VOLVO RADIO, CR/CT/SC
POWER ANT
MUTE
REAR
DOOR
FACIA
53 A
F67
F69
30A
11147A
11147B
3102
6070
NB58
NZ56
T3011406

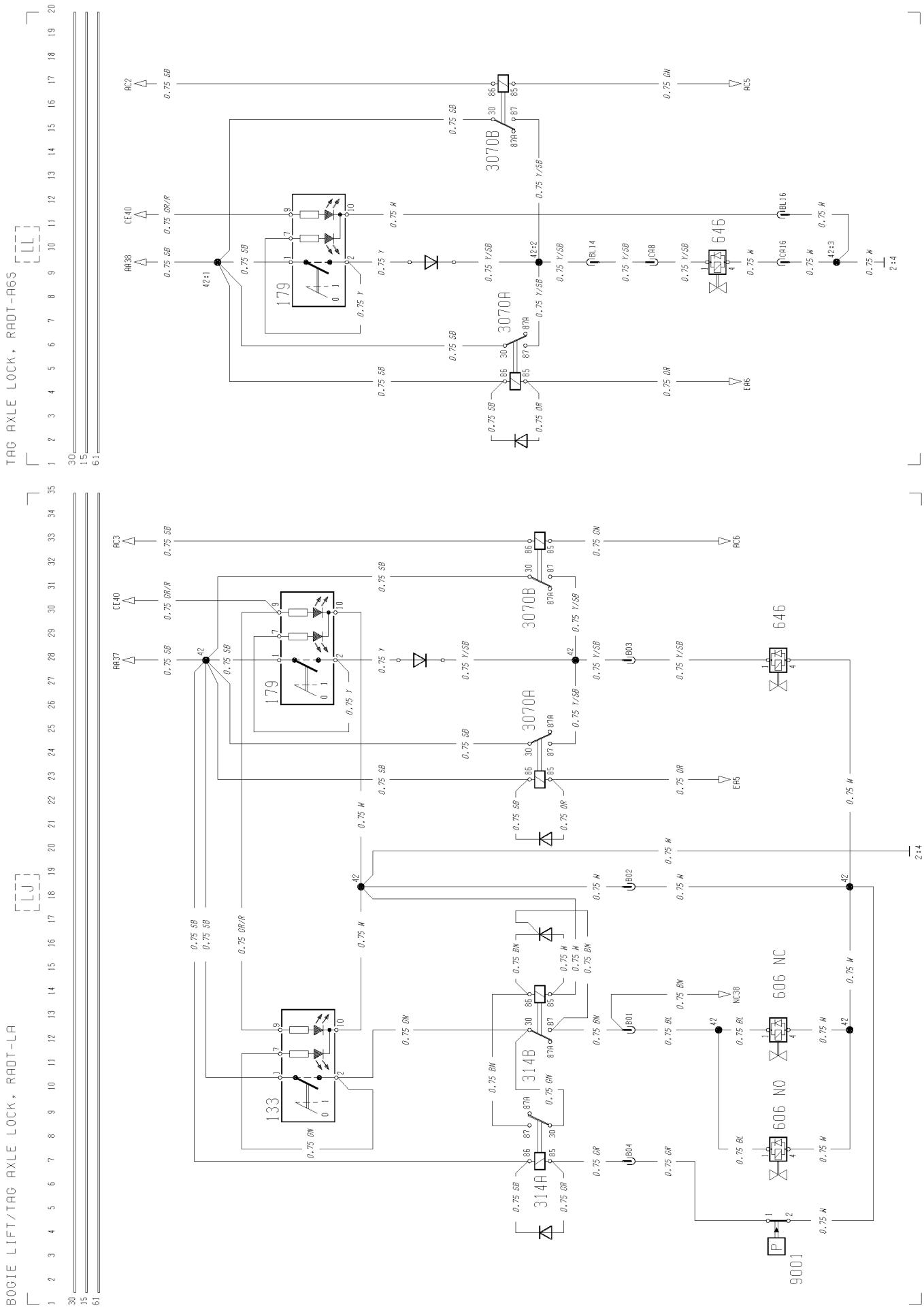

SRS. AIR-BAG
[KE]
EL. WINDOW WINDERS
[KA]
AA34
AC40
AA47
AC43
9072
9028
24
SRS ECU
SRS
F41 15A
F42 15A
111 P
111 DP
111 DD
PASS. SIDE
DRIVER SIDE
365P
366P
365D
366D
661 P
661 D
0.75 GR
0.5 SB
0.75 BL
0.5 GR
0.5 GR/W
0.5 GR
0.75 GR
1.0 GN/R
1.0 BL
1.0 SB
1.0 W
1.5 W
0.75 W
0.5 BL
0.75 SB
T3011407

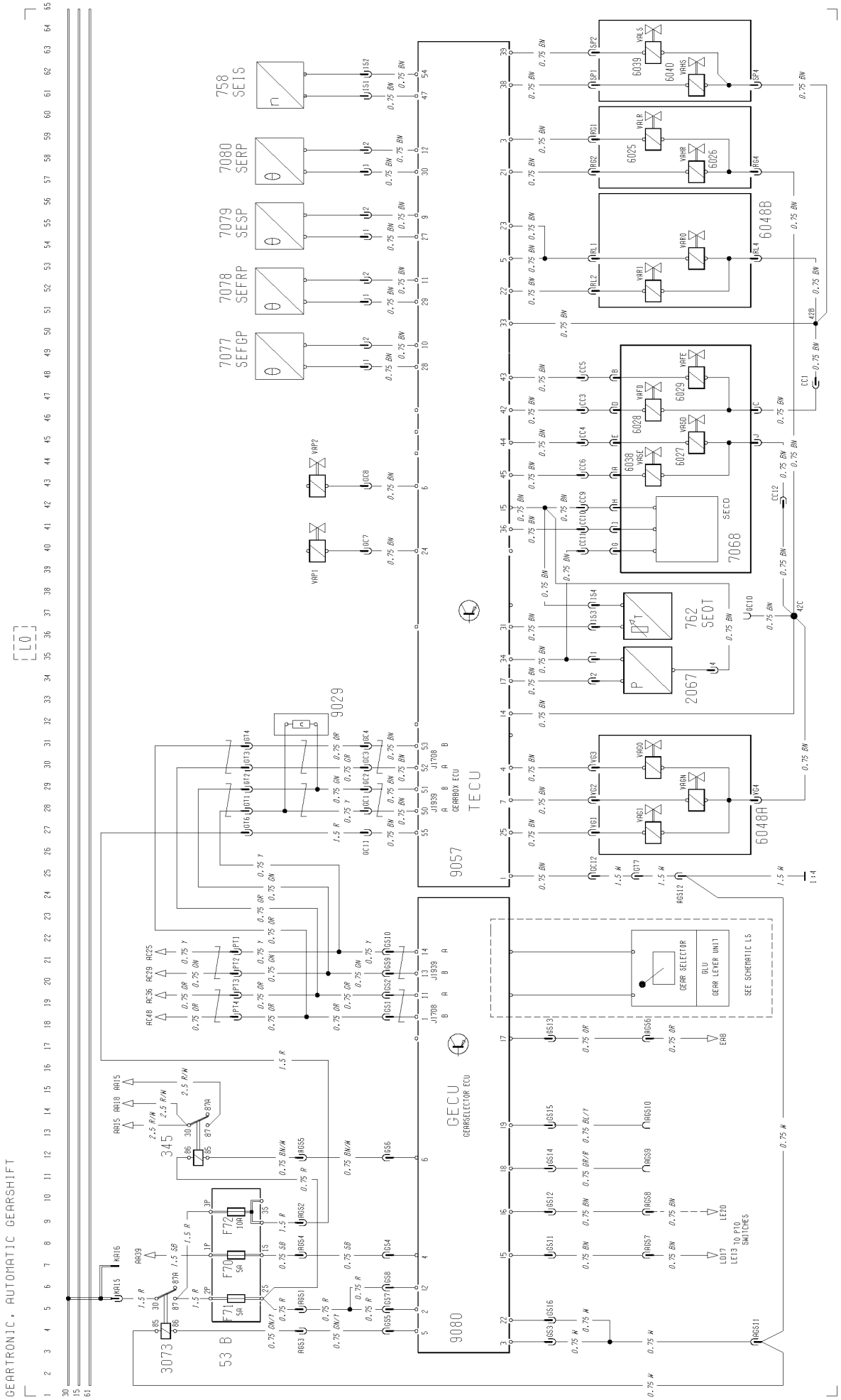

POWER TAKE OFF
LD
CENTRAL LOCKING
KH
F4
5A
KF15
KF14
UNLOCK
LOCK
3075
11149 1
3601
60024
6058P
6058D
DOOR-
LOCK-
MOTOR
0.75 BN
0.75 W
0.75 BL
0.75 GN/R
0.75 GR/R
0.5 SB
0.75 SB
0.5 W/SB
0.75 W/SB
0.75 BL/R
0.75 R/W
0.5 BL/R
0.5 R/W
1.5 W
0.75 R

T3011408

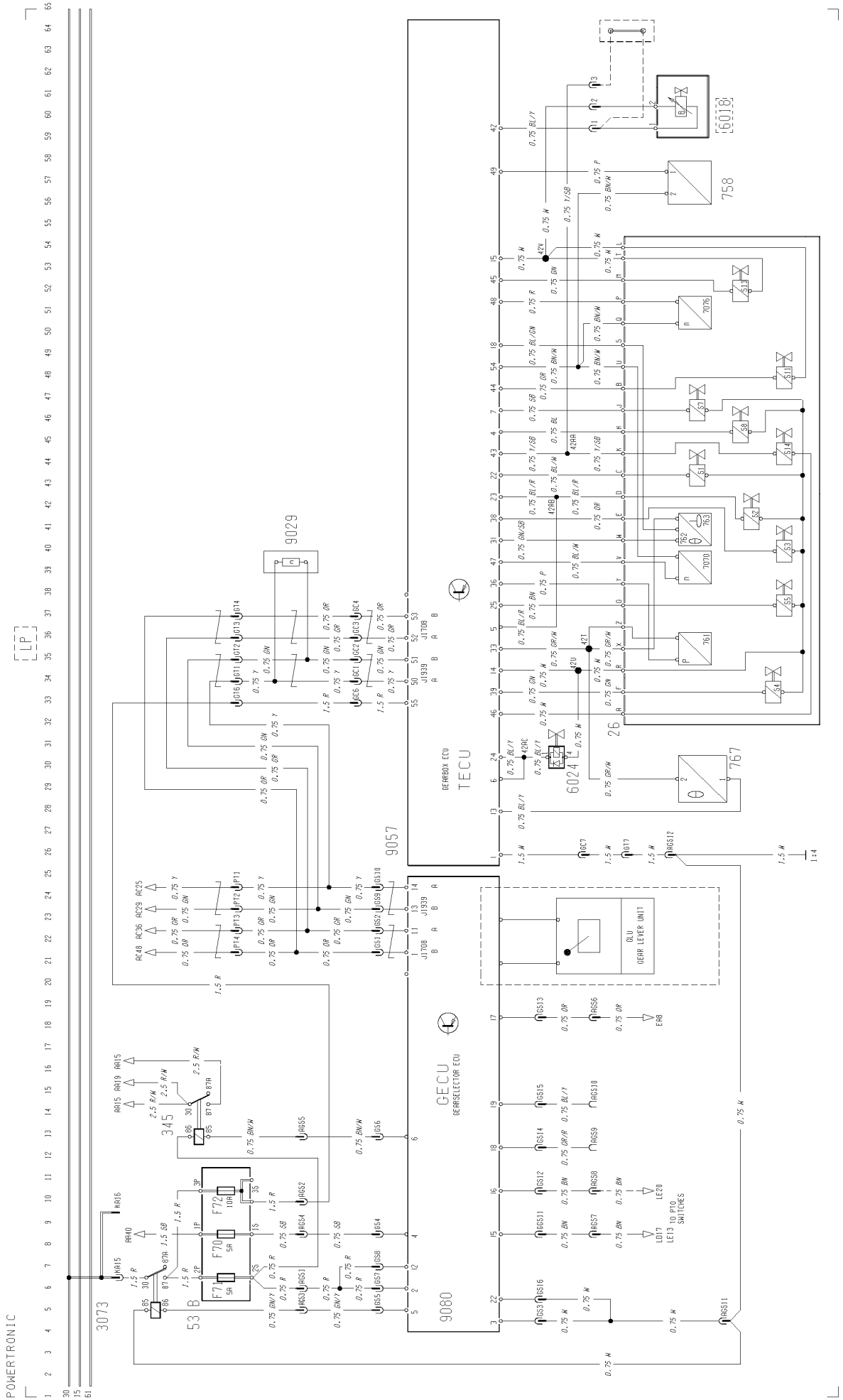

DIFF.-LOCK
LG
DOUBLE POWER TAKE OFF
LE
4X2, 6X2, 8X2
6X4, 8X4
F26
5A
126
127
1149 1
1149 2
6024 A
6024 B
6021
6022
601
207
207 R
360

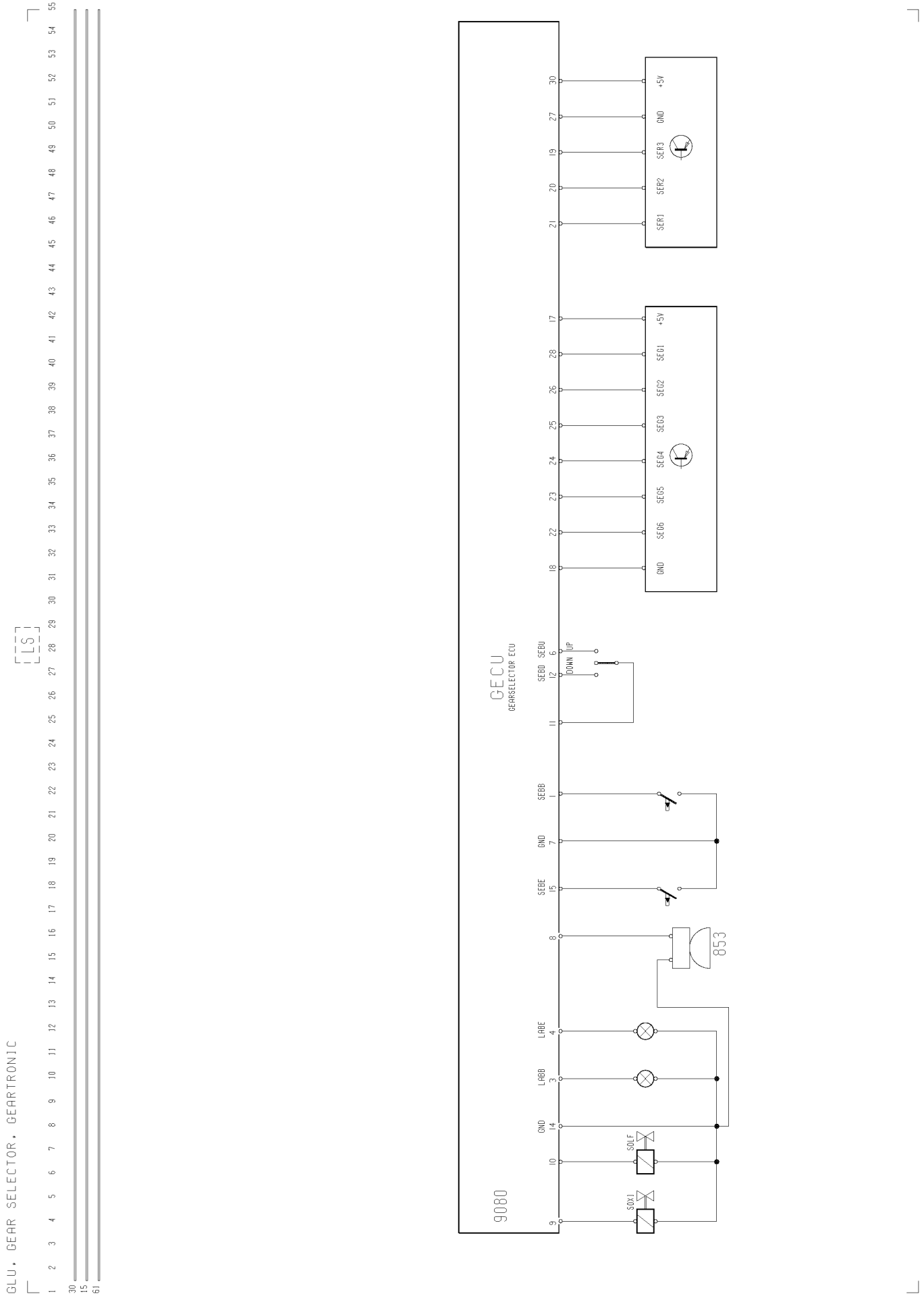
T3011409


TAG AXLE LOCK, RADT-AGS
BOGIE LIFT/TAG AXLE LOCK, RADT-LA
3070B
3070A
179
646
606 NC
606 NO
314B
314A
133
9001
T3011410

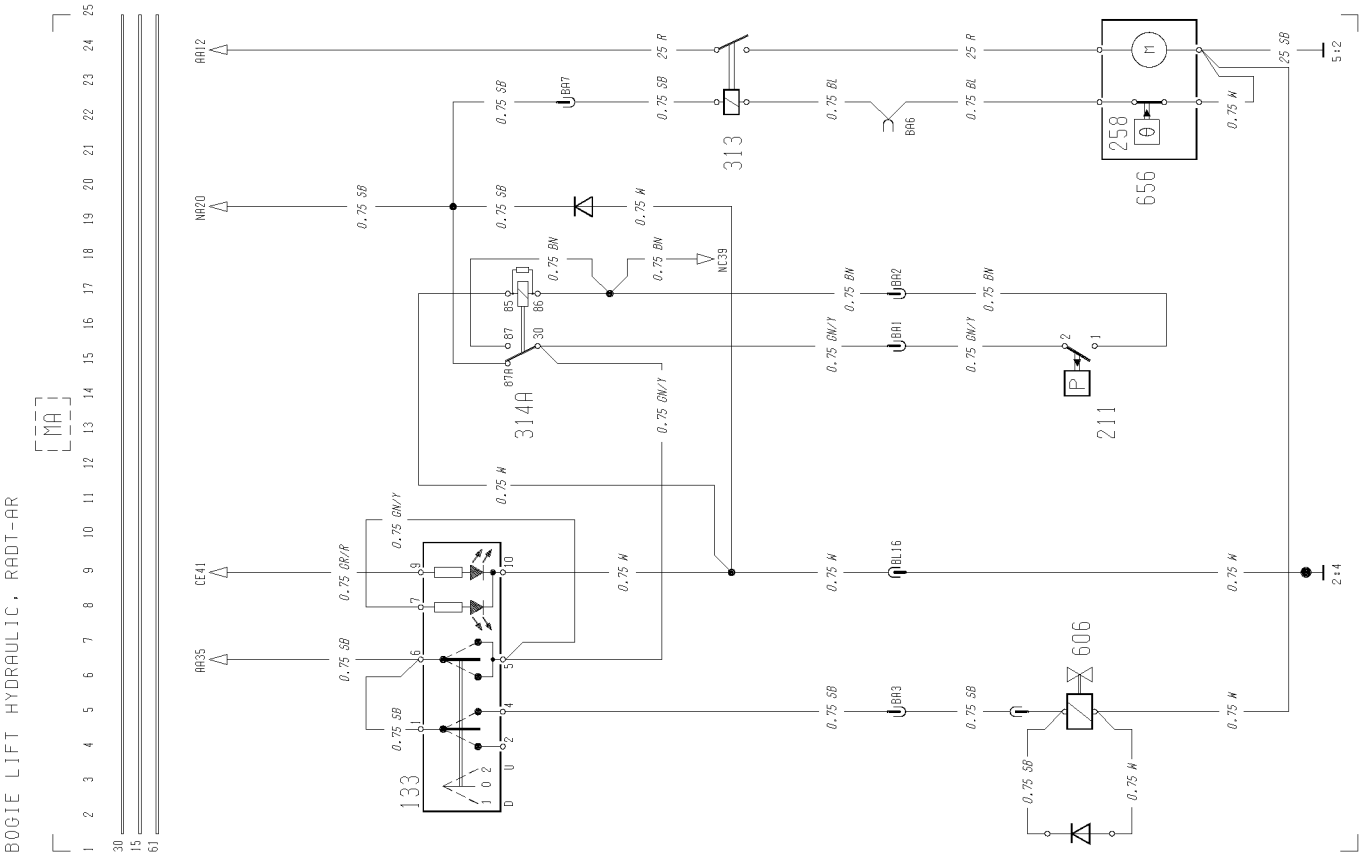

GEARTRONIC, AUTOMATIC GEARSHIFT
9080
GECU
GEARSELECTOR ECU
9057
TECU
GEARBOX ECU
9029
7068
SECO
762
SEOT
2067
7077
SEFGP
7078
SEFRP
7079
SESP
7080
SERP
758
SEIS
6048A
6048B
GEAR SELECTOR
GLU
GEAR LEVER UNIT
SEE SCHEMATIC L6
TO PTO SWITCHES
3073
345
53 B
F71
F72
F70

T3011411

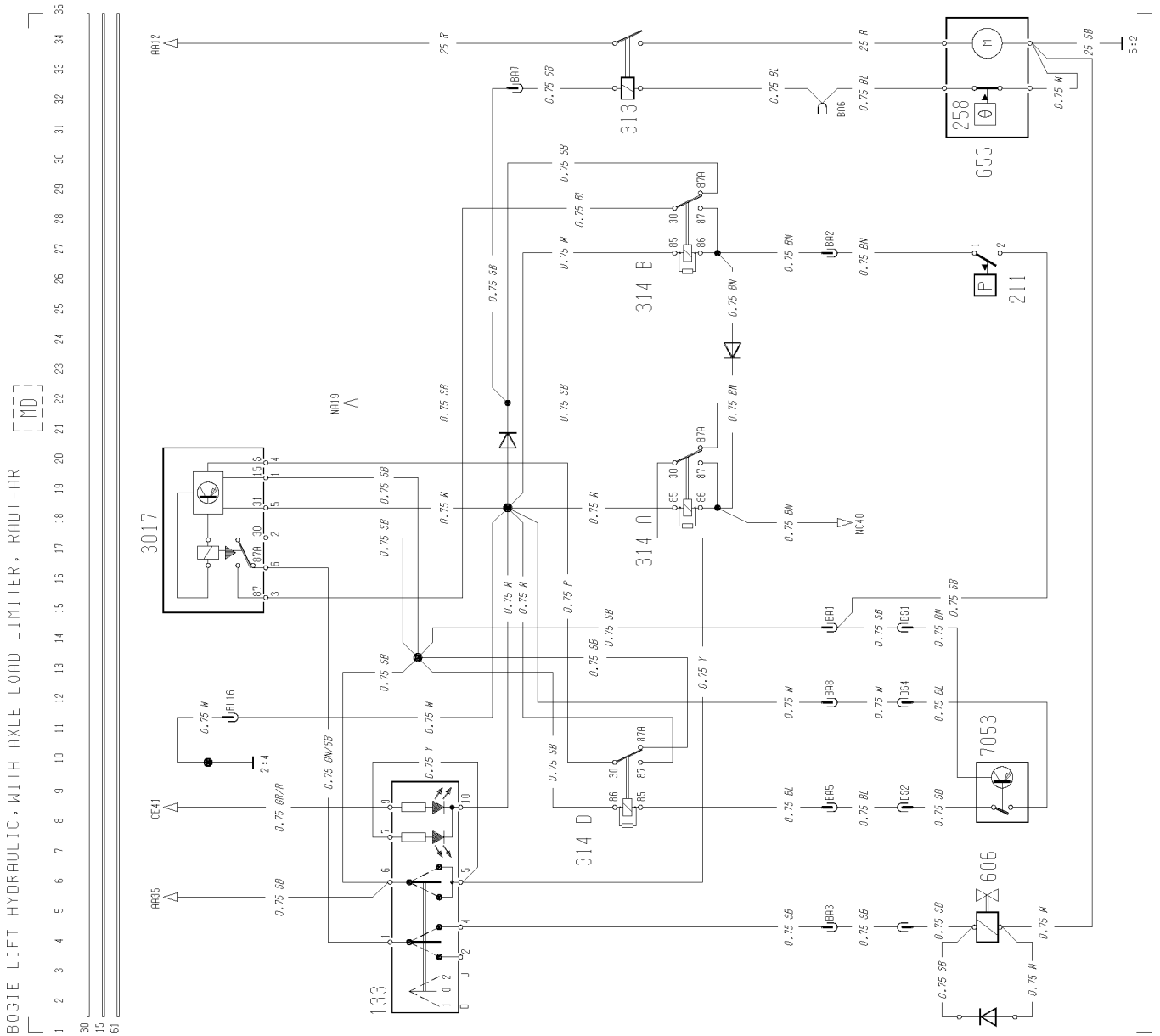

POWERTRONIC
LP
TECU
GEARBOX ECU
GECU
GEARSELECTOR ECU
GLU
GEAR LEVER UNIT
9080
9057
9029
3073
345
758
7676
7010
7761
7763
7767
6018
6024L
26
F70
F72
F71
53 B
10 P10 SWITCHES

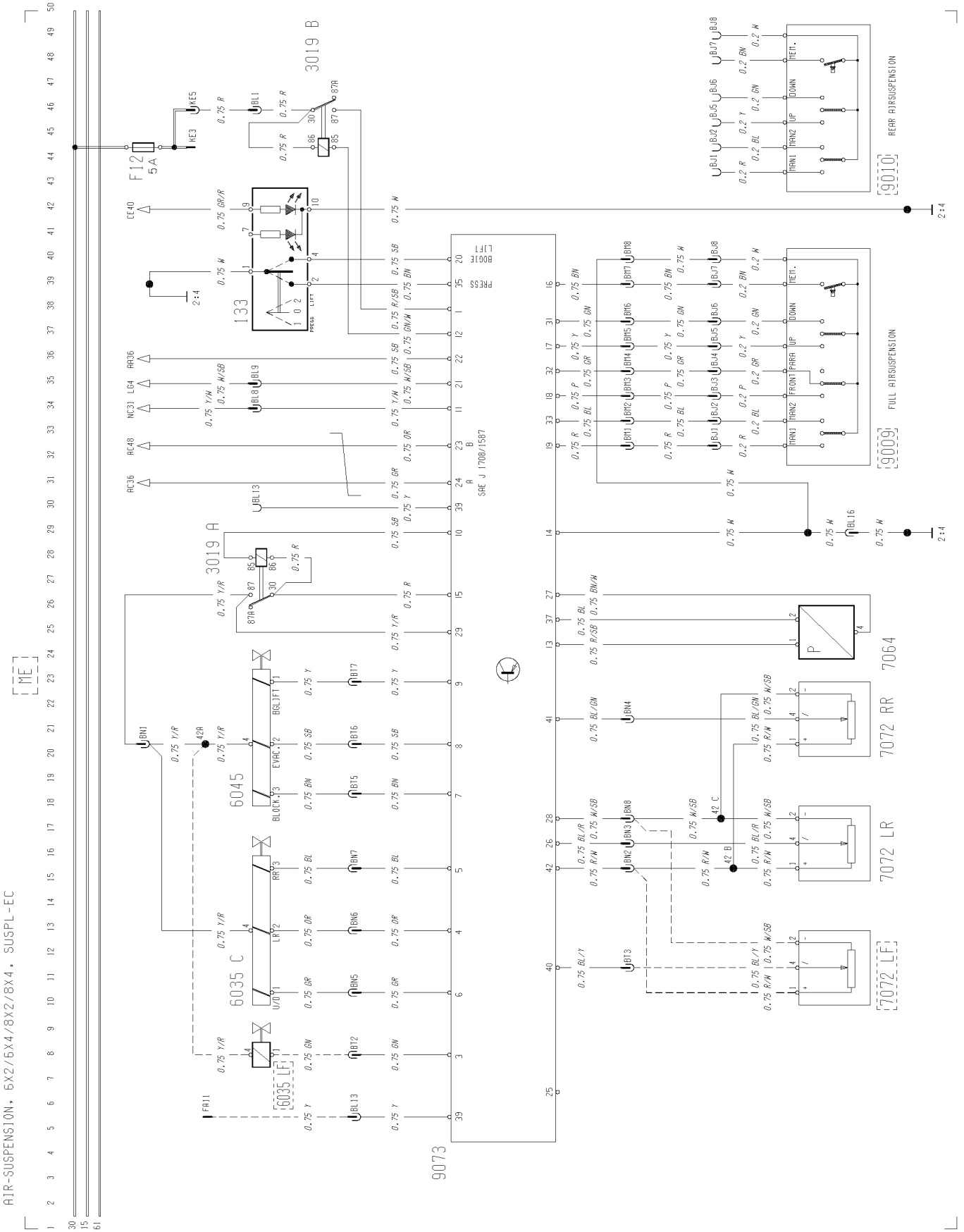

GLU, GEAR SELECTOR, GEARTRONIC
[LS]
GECU
GEARSELECTOR ECU
9080
853
+5V
GND
SER3
SER2
SER1
SE01
SE02
SE03
SE04
SE05
SE06
SEBD
SEBU
DOWN
UP
SEBB
SEBE
LABE
LABB
SOLF
SOX1

T3011413

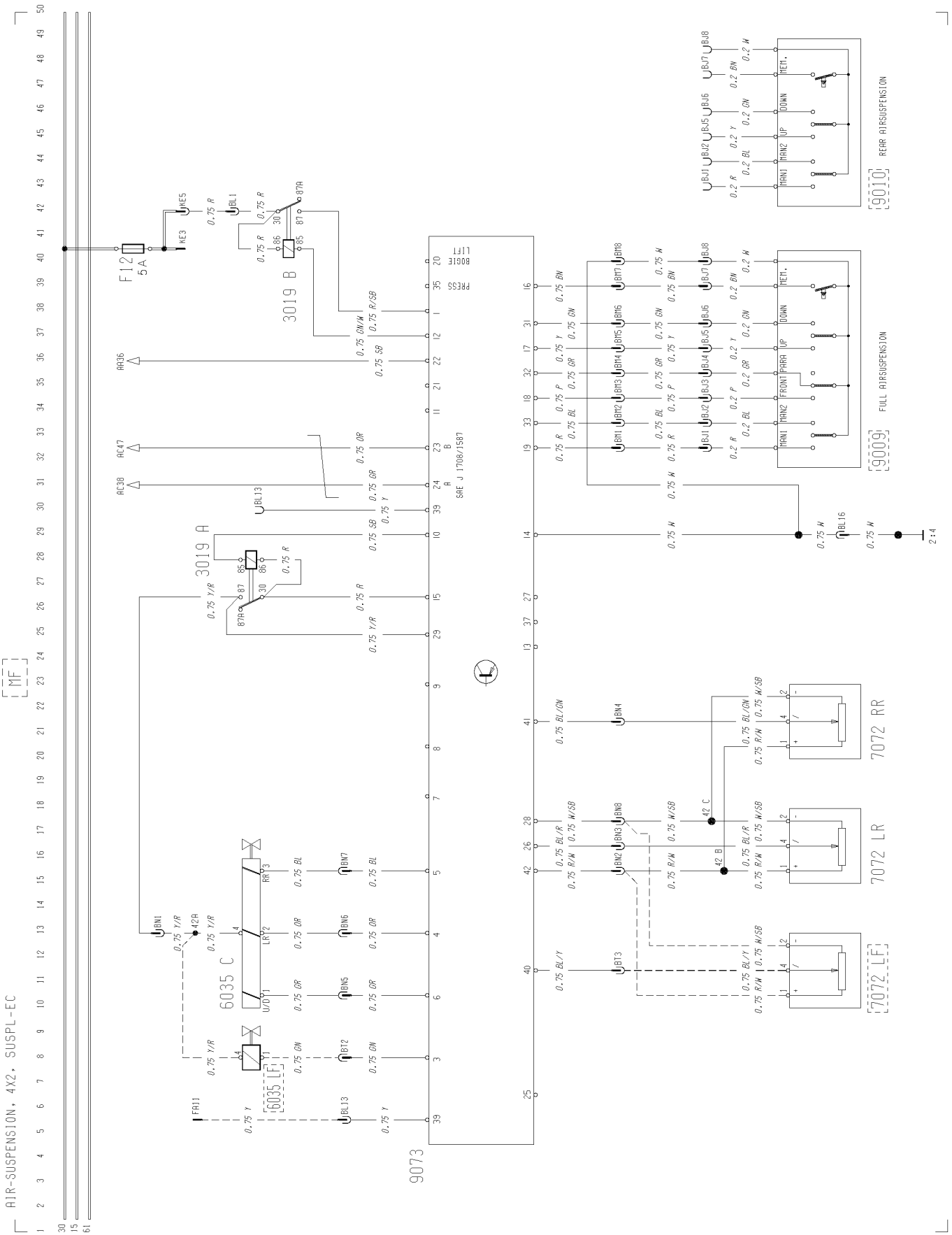

BOGIE LIFT HYDRAULIC, RADT-AR
[MA]
AA12
NA20
CE41
AA35
0.75 SB
0.75 GN/Y
0.75 GR/R
0.75 W
0.75 BN
0.75 BL
25 R
25 SB
BA7
BA6
BA2
BA1
BA3
BL16
NC39
313
314A
133
258
656
211
606
512
244

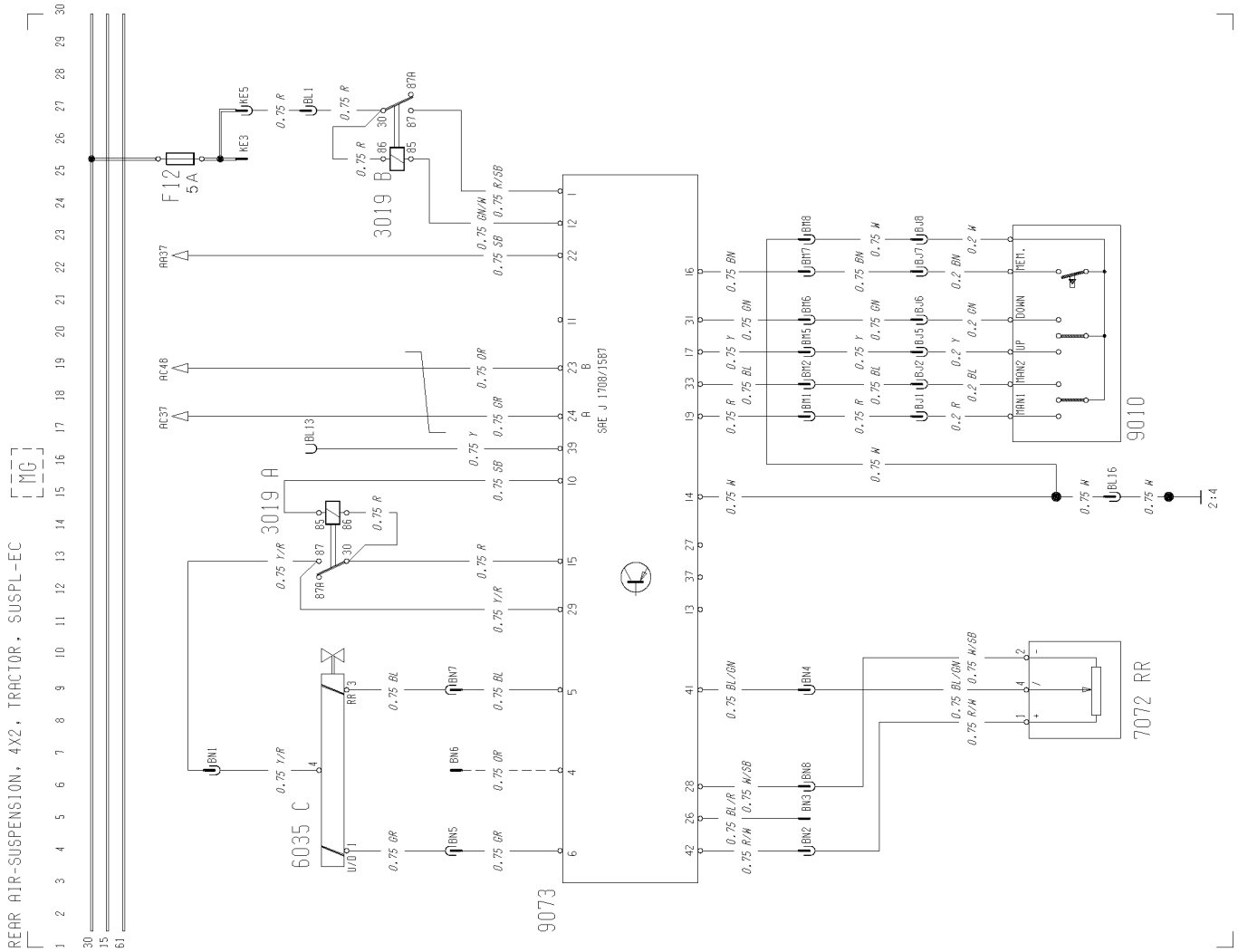
T3011414

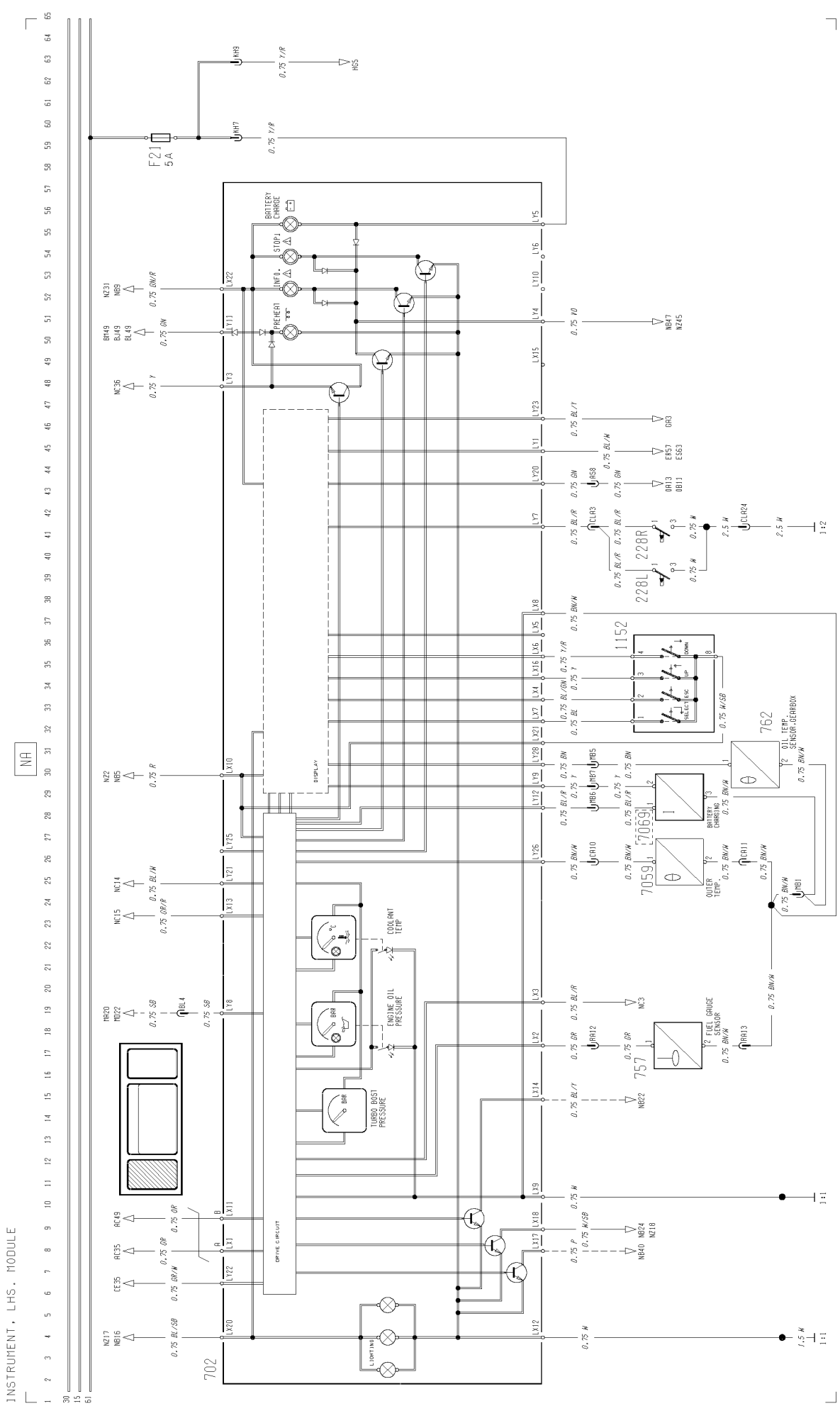

BOGIE LIFT HYDRAULIC, WITH AXLE LOAD LIMITER, RADT-AR
[MD]
30
15
61
3017
133
313
314 A
314 B
314 D
211
258
656
606
7053
T3011415


AIR-SUSPENSION, 6X2/6X4/8X2/8X4, SUSPL-EC
[ME7]
F12 5A
3019 B
3019 A
133
6045
6035 C
[6035 LF]
9073
7072 RR
7072 LR
[7072 LF]
7064
[9010] REAR AIRSUSPENSION
[9009] FULL AIRSUSPENSION

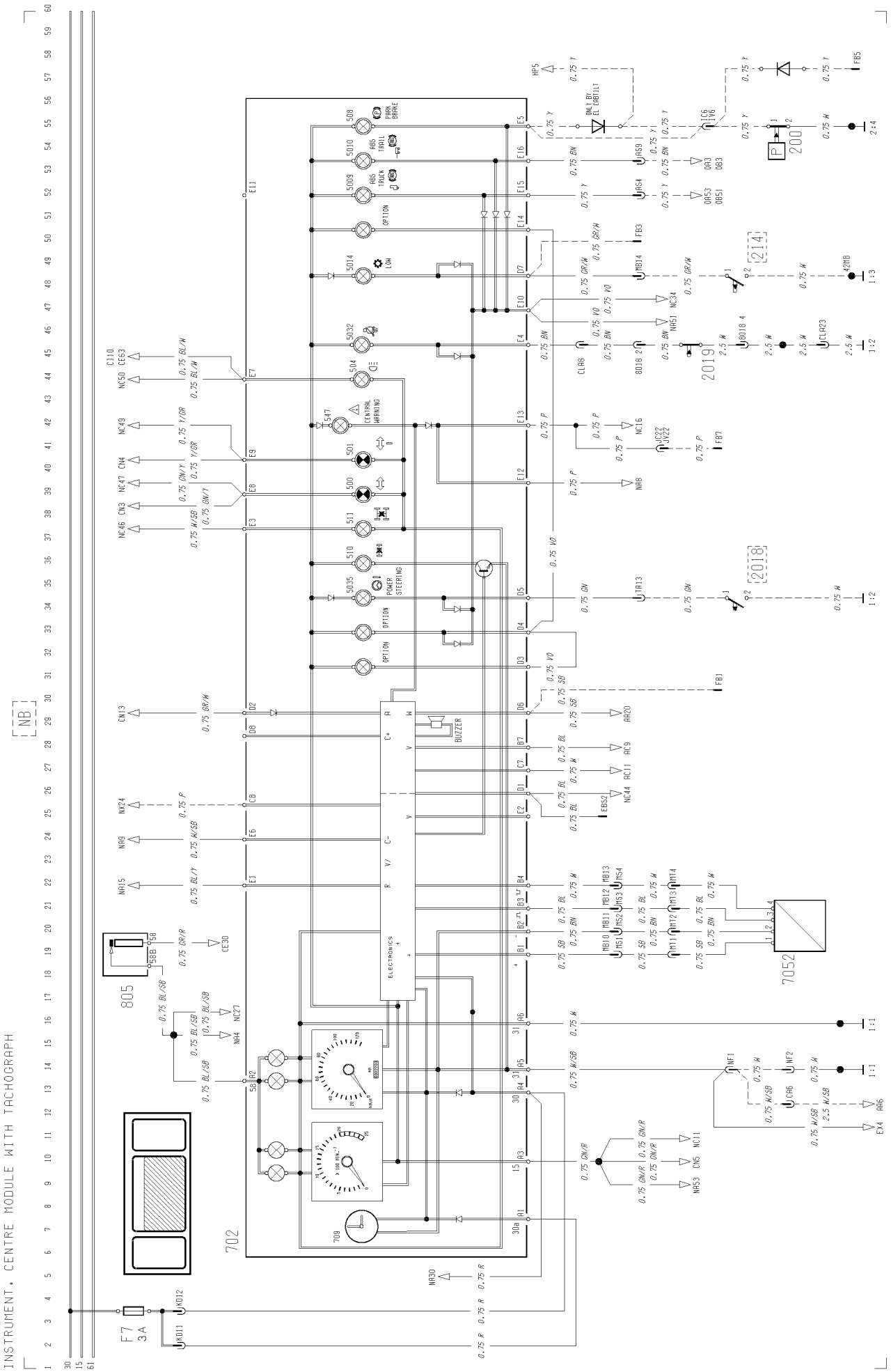
T3011416

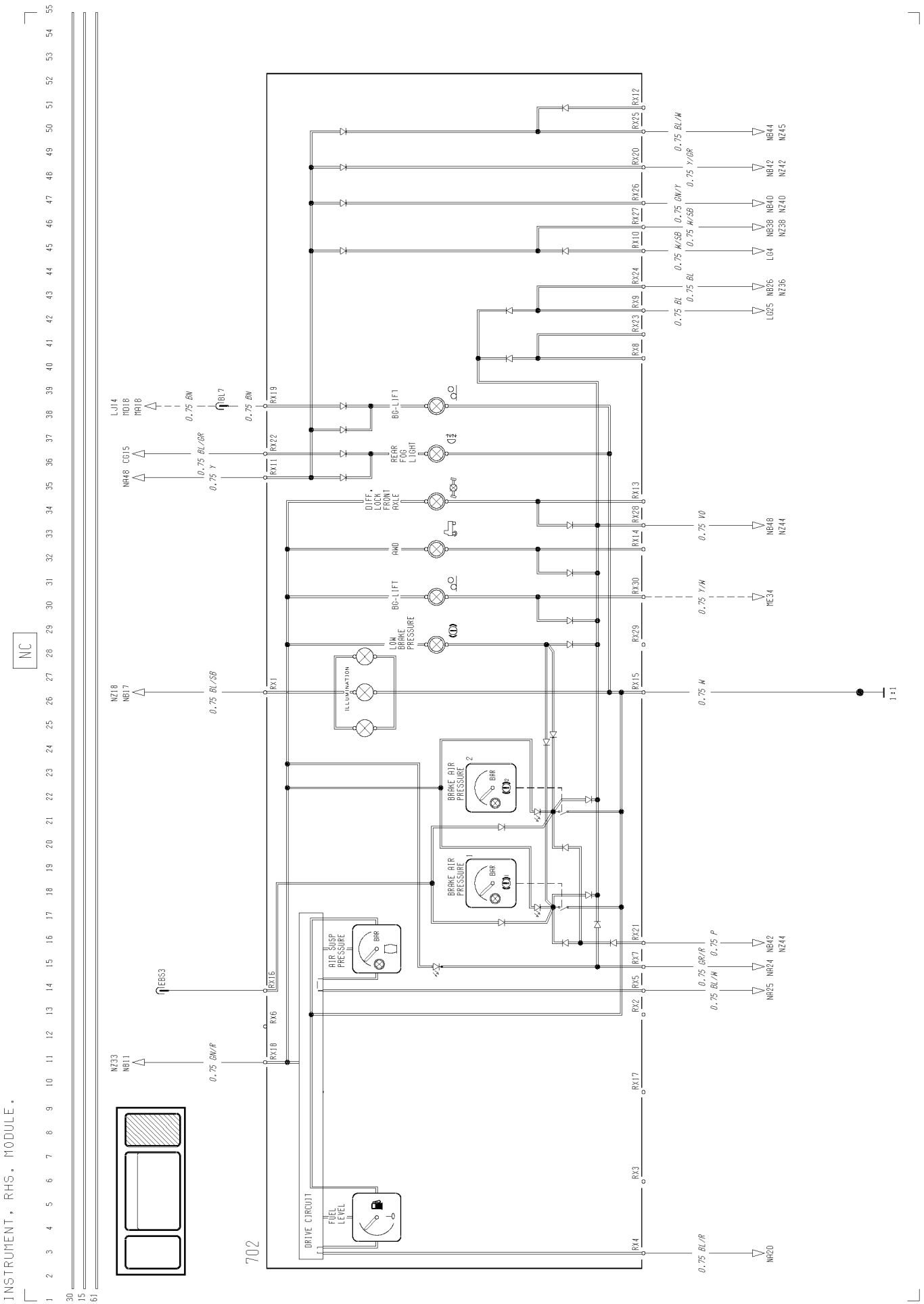

AIR-SUSPENSION, 4X2, SUSPL-EC
MF
F12
5A
3019 B
3019 A
6035 C
6035 LF
7072 RR
7072 LR
7072 LF
9009
FULL AIRSUSPENSION
9010
REAR AIRSUSPENSION
9073
SAE J 1708/1587
T3011417


REAR AIR-SUSPENSION, 4X2, TRACTOR, SUSPL-EC
F12
5A
3019 B
3019 A
6035 C
9073
9010
7072 RR
SAE J 1708/1587
MEM.
DOWN
UP
MAN1
MAN2
T3011418

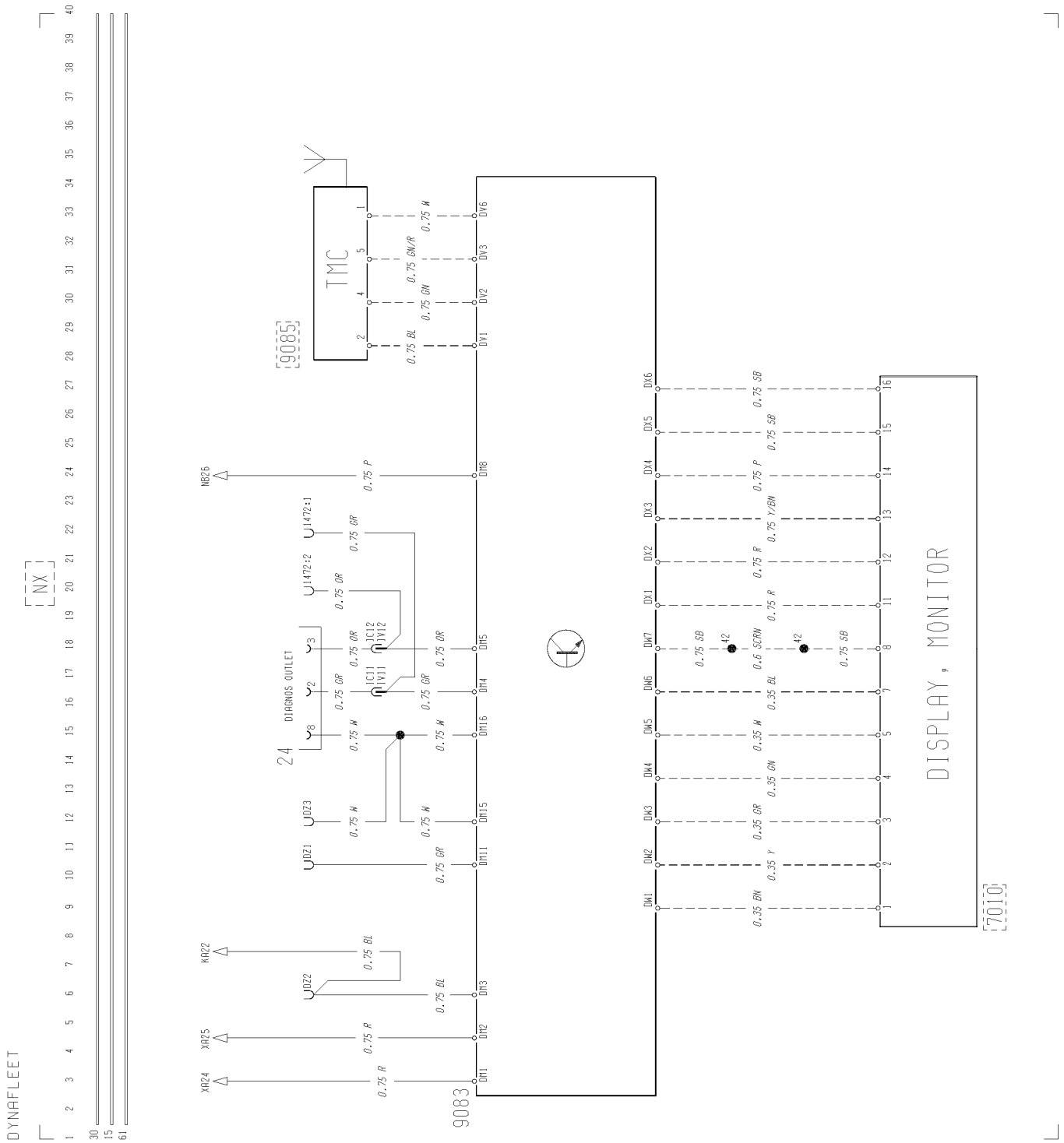

INSTRUMENT, LHS. MODULE
NA
DISPLAY
DRIVE CIRCUIT
LIGHTING
BATTERY CHARGE
STOP!
INFO.
PREHEAT
CODLANT TEMP
ENGINE OIL PRESSURE
TURBO BOOST PRESSURE
FUEL GAUGE SENSOR
OUTER TEMP.
OIL TEMP. SENSOR, GEARBOX
BATTERY CHARGING
SELECT/ESC
UP
DOWN
F21 5A
228L
228R
1152
762
757
7059
702

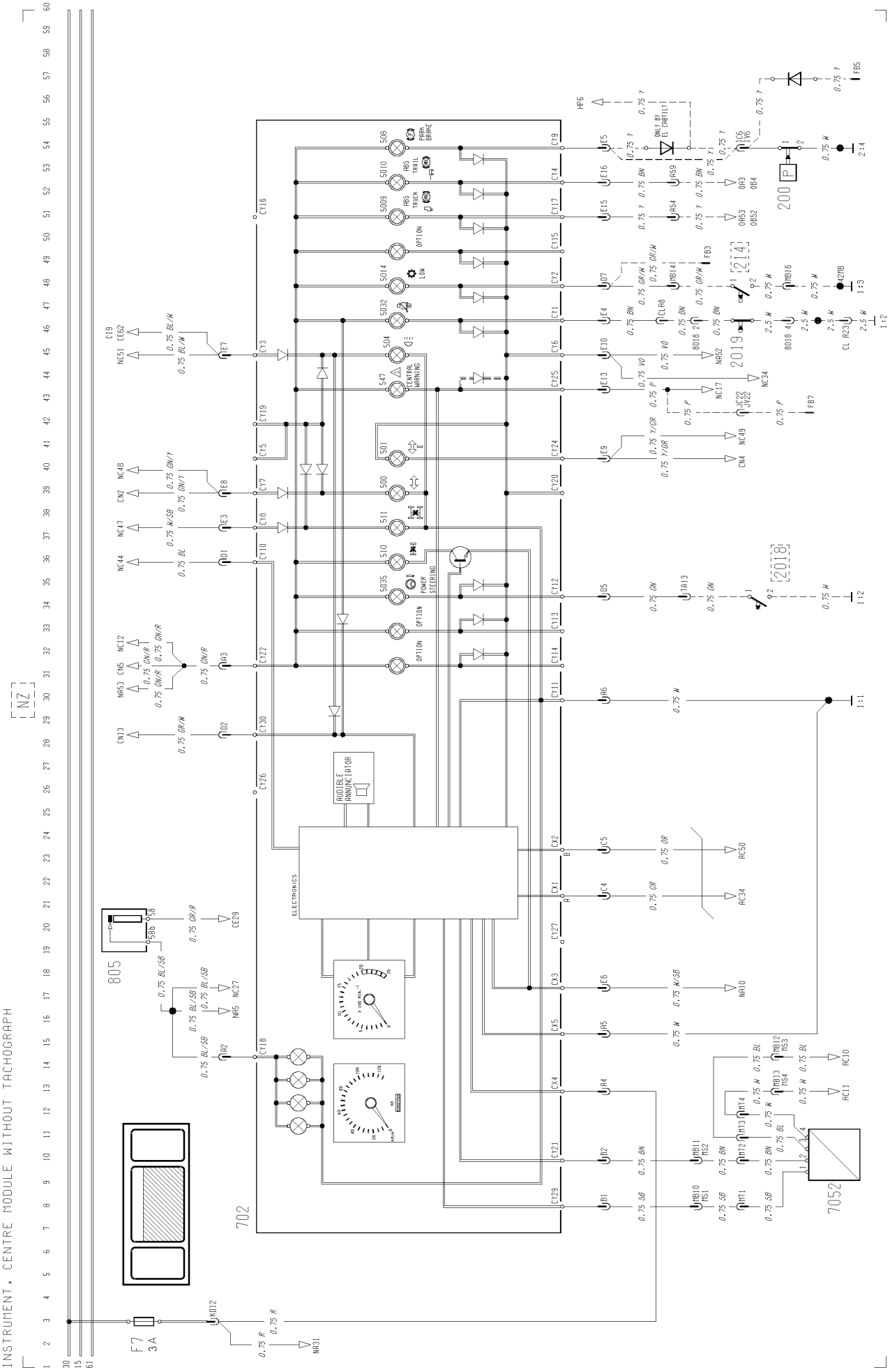
T3011419


INSTRUMENT, CENTRE MODULE WITH TACHOGRAPH
[NB]
702
805
7052
2014
2018
2019
200
ELECTRONICS
BUZZER
POWER STEERING
CENTRAL WARNING
PARK BRAKE
TRAIL
TRUCK
OPTION
LOW
F7 3A

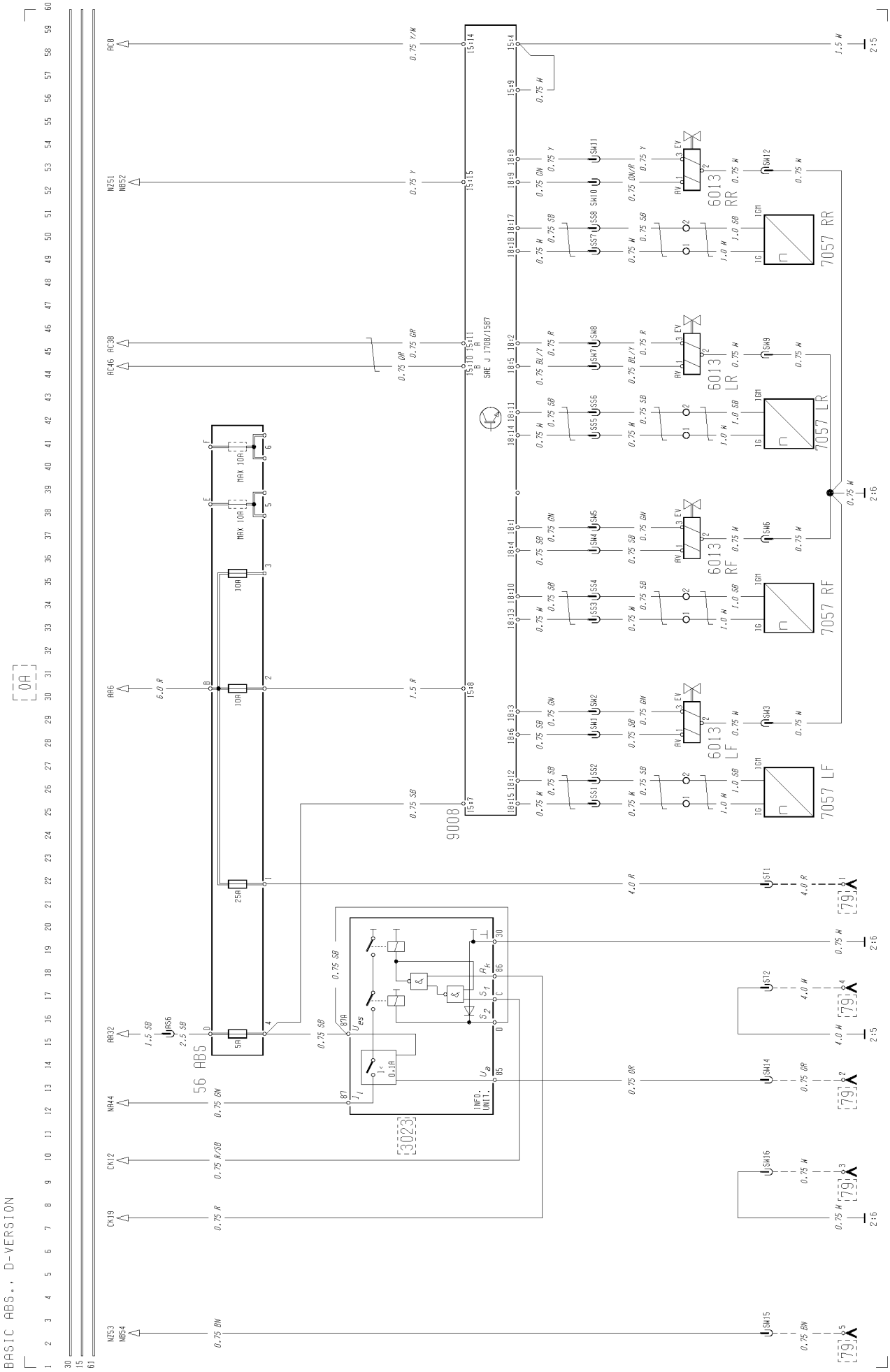

INSTRUMENT, RHS, MODULE.
NC
702
ILLUMINATION
BRAKE AIR PRESSURE 2
BRAKE AIR PRESSURE 1
AIR SUSP PRESSURE
FUEL LEVEL
DRIVE CIRCUIT
DIFF. LOCK FRONT AXLE
REAR FOG LIGHT
LOW BRAKE PRESSURE
AWD
BG-LIFT
0.75 BN
0.75 BL/GR
0.75 Y
0.75 BL/SB
0.75 GN/R
0.75 W
0.75 BL/W
0.75 Y/GR
0.75 GN/Y
0.75 W/SB
0.75 BL
0.75 BU
0.75 VO
0.75 Y/W
0.75 P
0.75 GR/R
0.75 BL/R

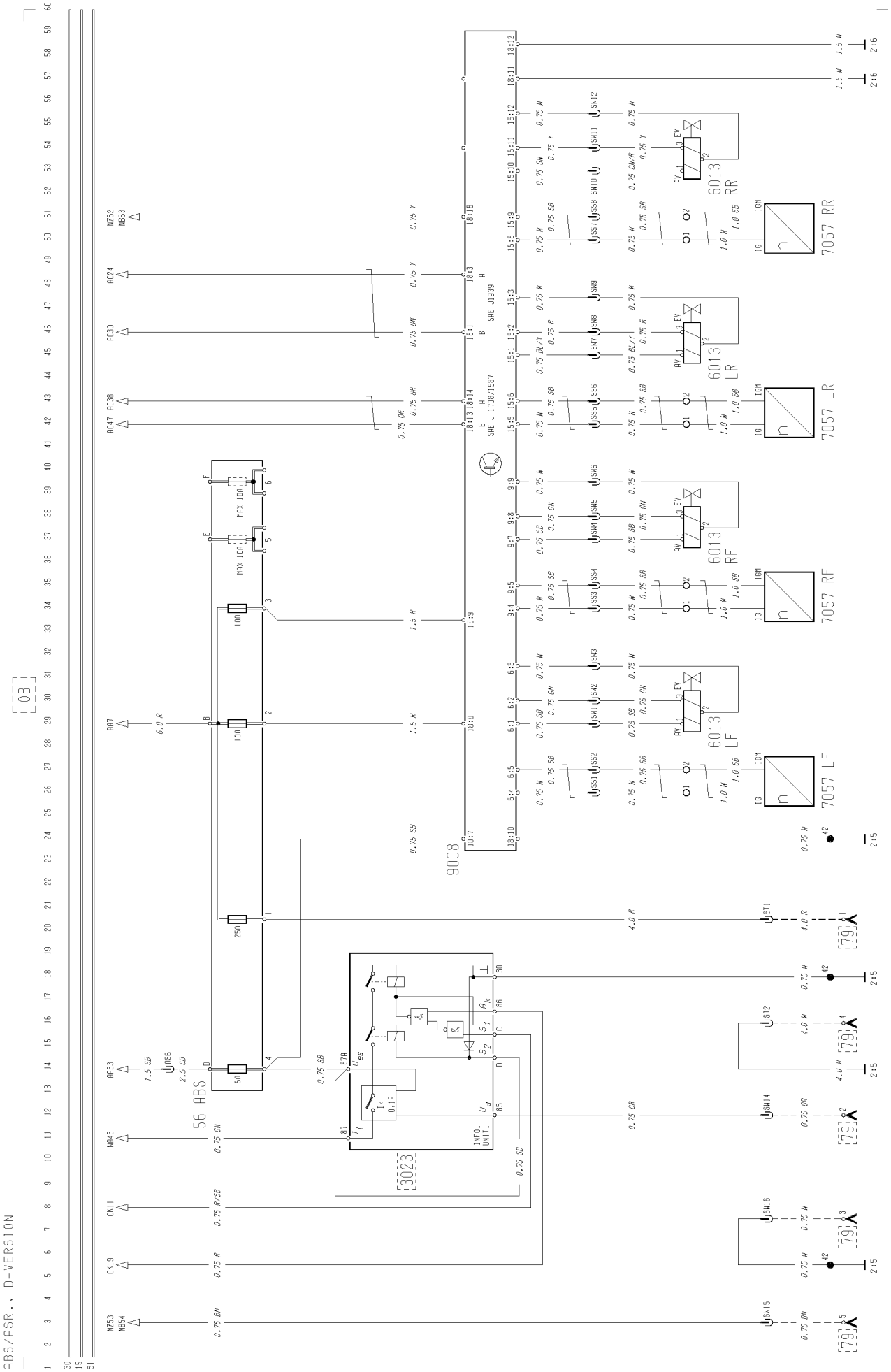
T3011421


DYNAFLEET
[NX]
[9085]
TMC
[7010]
DISPLAY, MONITOR
9083
24
DIAGNOS OUTLET
T3011422

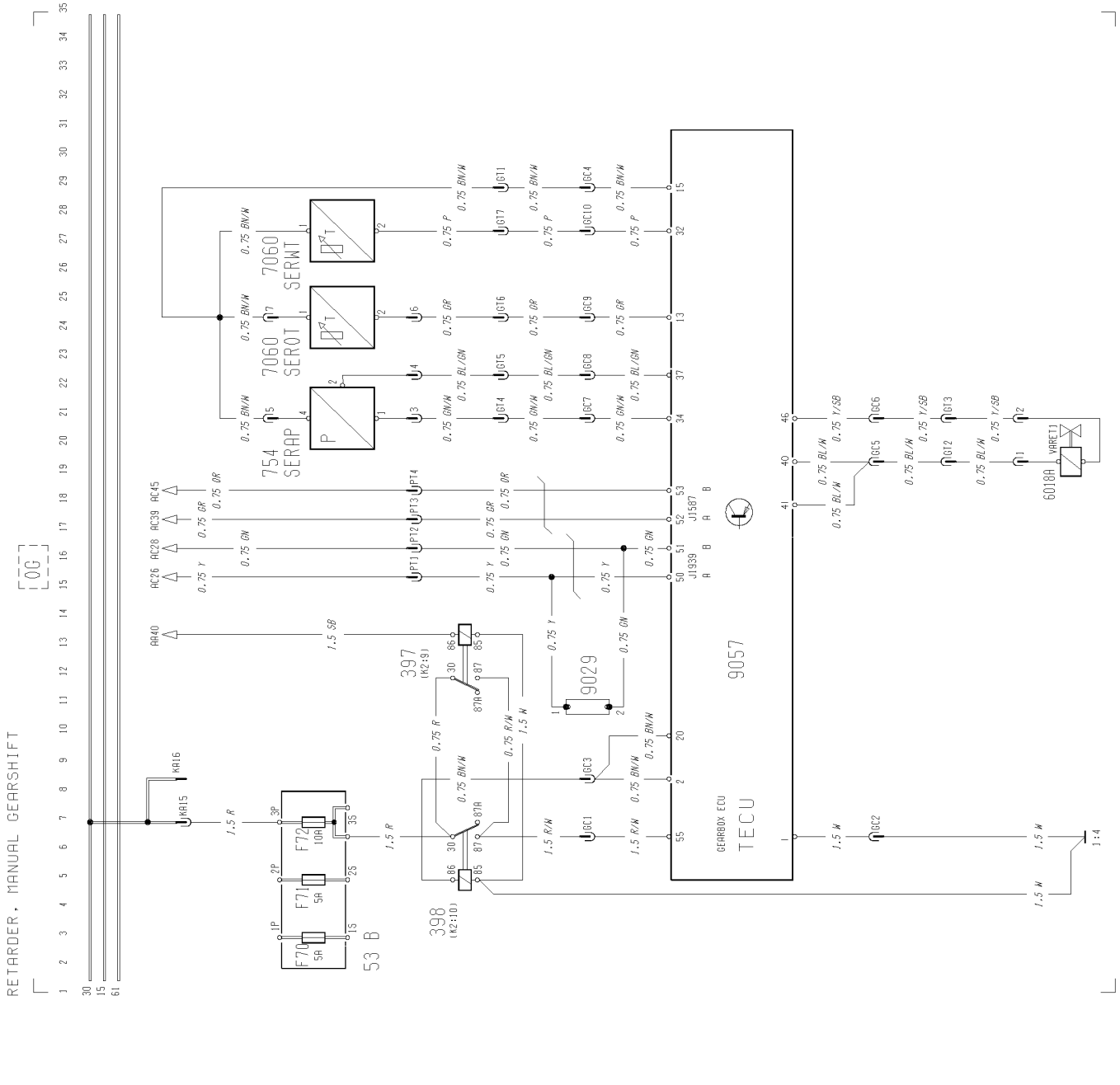

INSTRUMENT, CENTRE MODULE WITHOUT TACHOGRAPH
ELECTRONICS
AUDIBLE ANNUNCIATOR
CENTRAL WARNING
POWER STEERING
ABS TRAIL
ABS TRUCK
OPTION
LOW
805
702
7052
2019
2141
2018
200
F7 3A

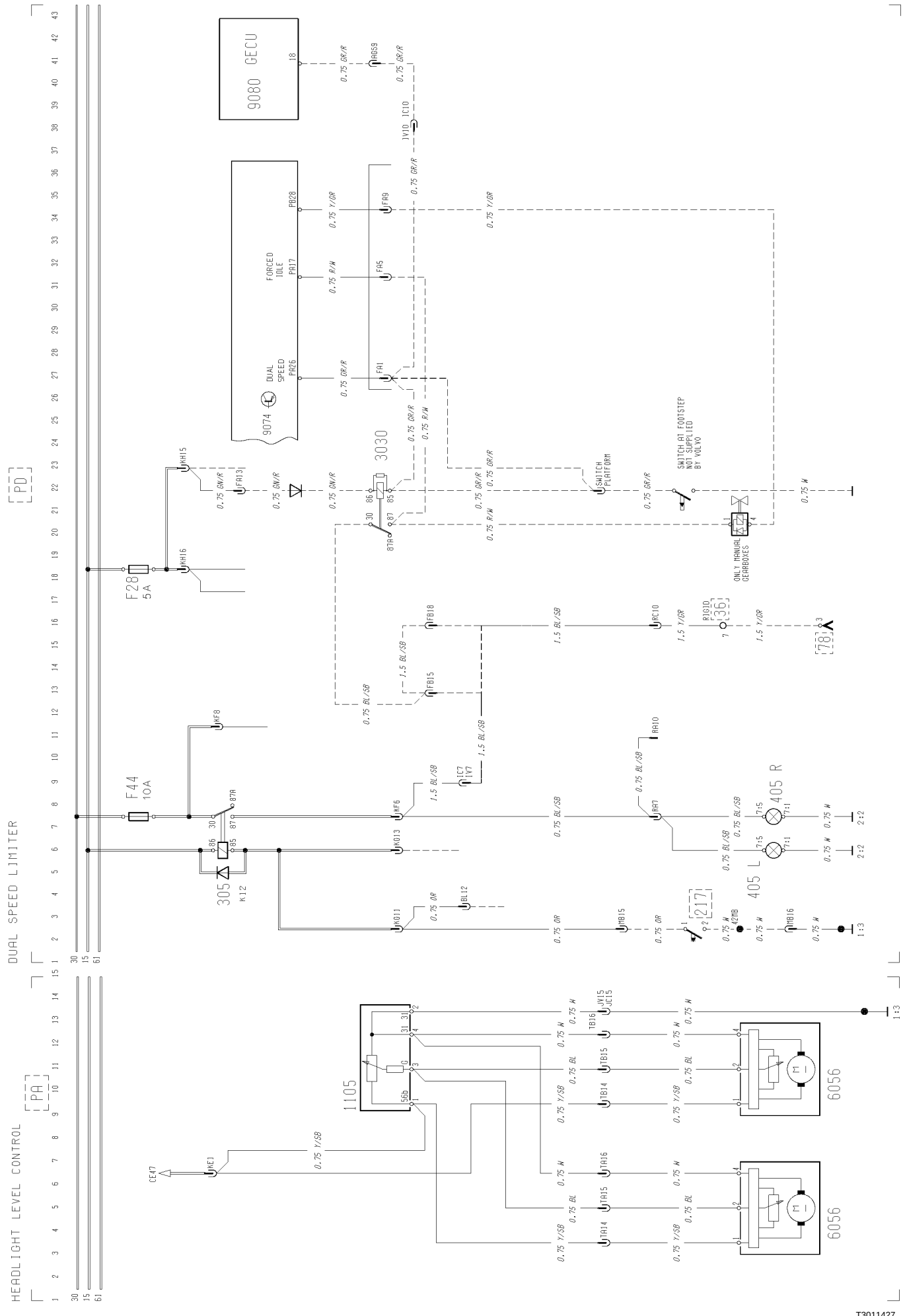
T3011423

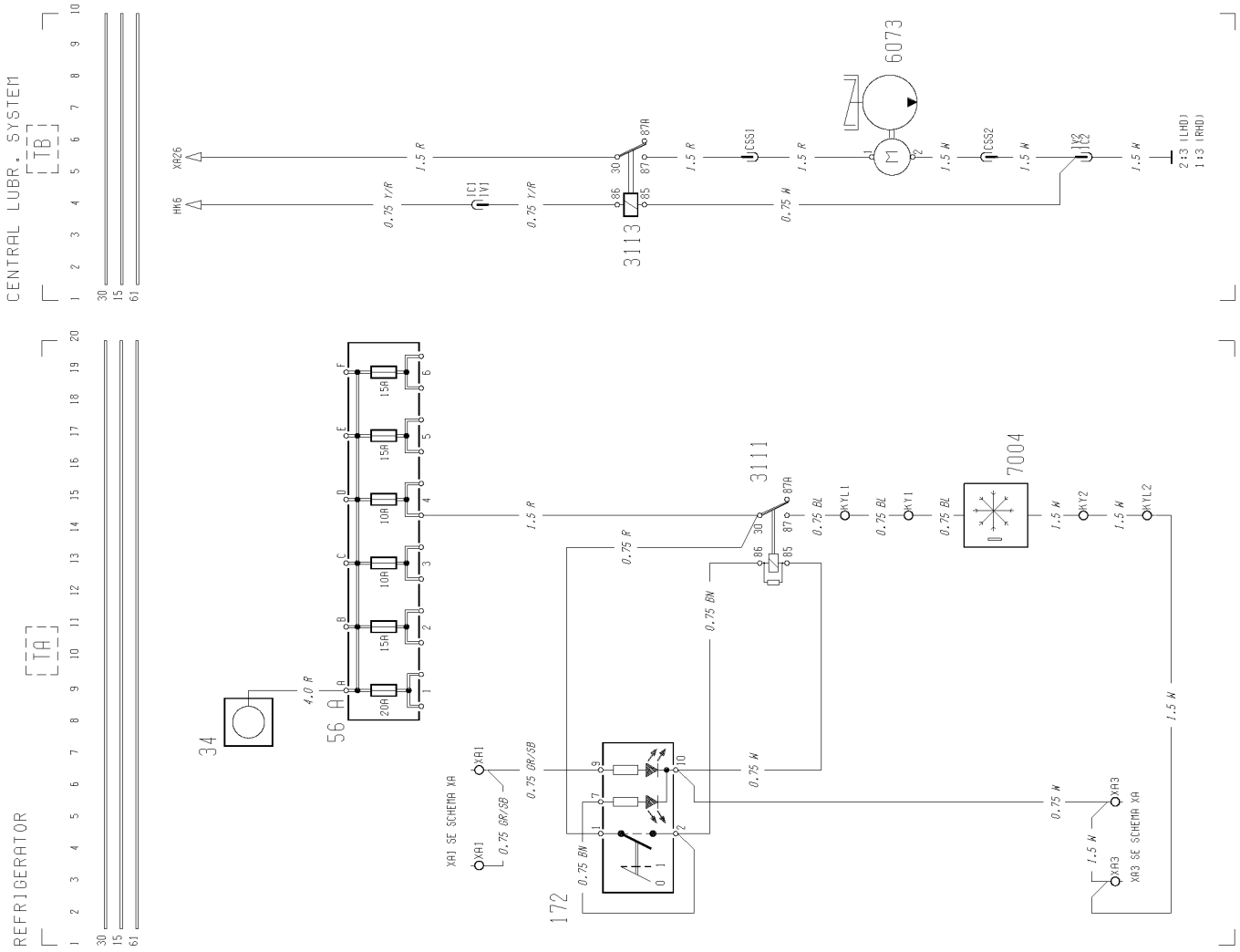

BASIC ABS.. D-VERSION
56 ABS
7057 RR
7057 LR
7057 RF
7057 LF
6013 RR
6013 LR
6013 RF
6013 LF
9008
SAE J 1708/1587
INFO. UNIT
MAX 10A
10A
25A
5A
0.1A

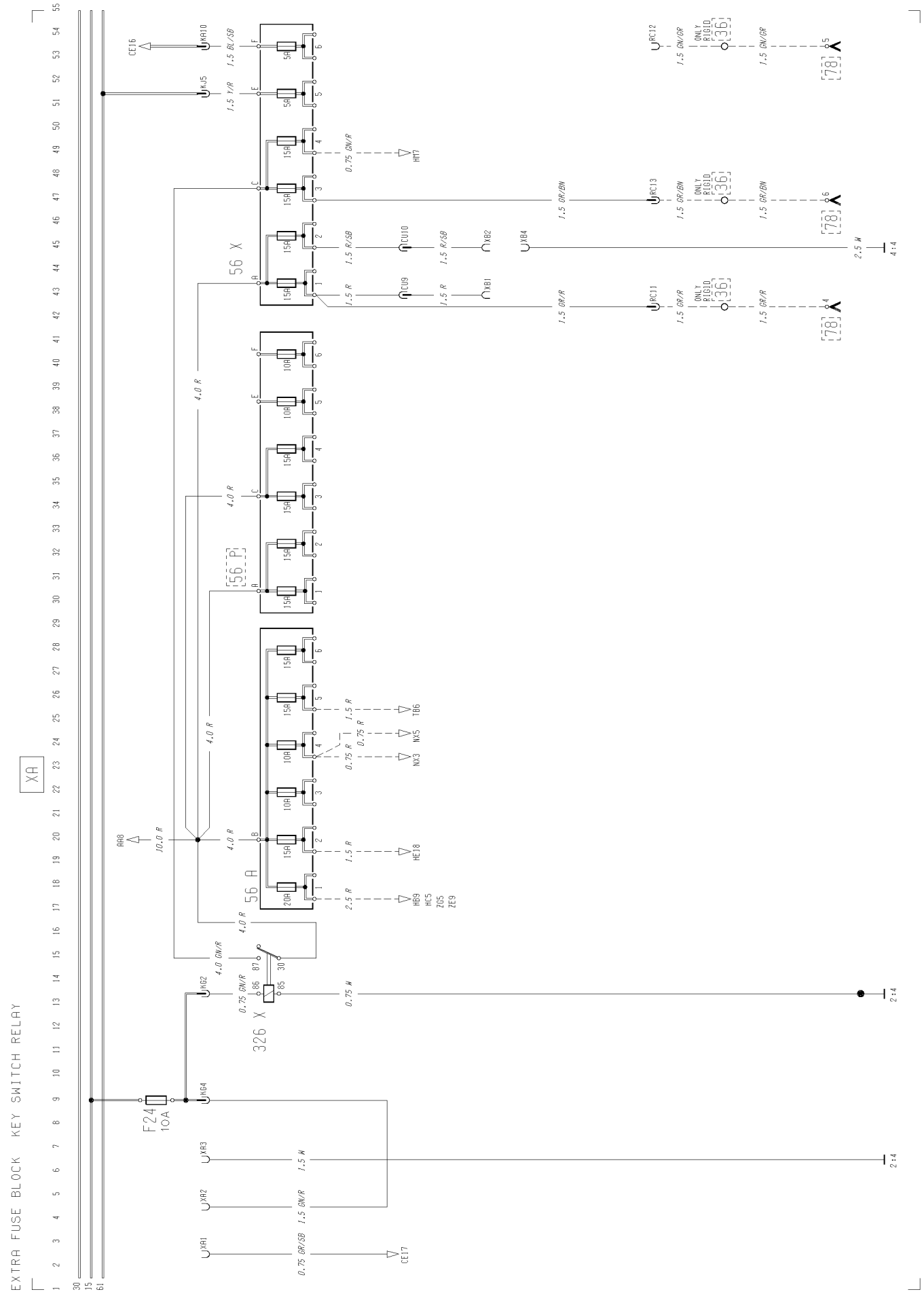

ABS/ASR, D-VERSION
56 ABS
INFO. UNIT
9008
6013 LF
6013 RF
6013 LR
6013 RR
7057 LF
7057 RF
7057 LR
7057 RR
SAE J1939
SAE J1708/1587

T3011425

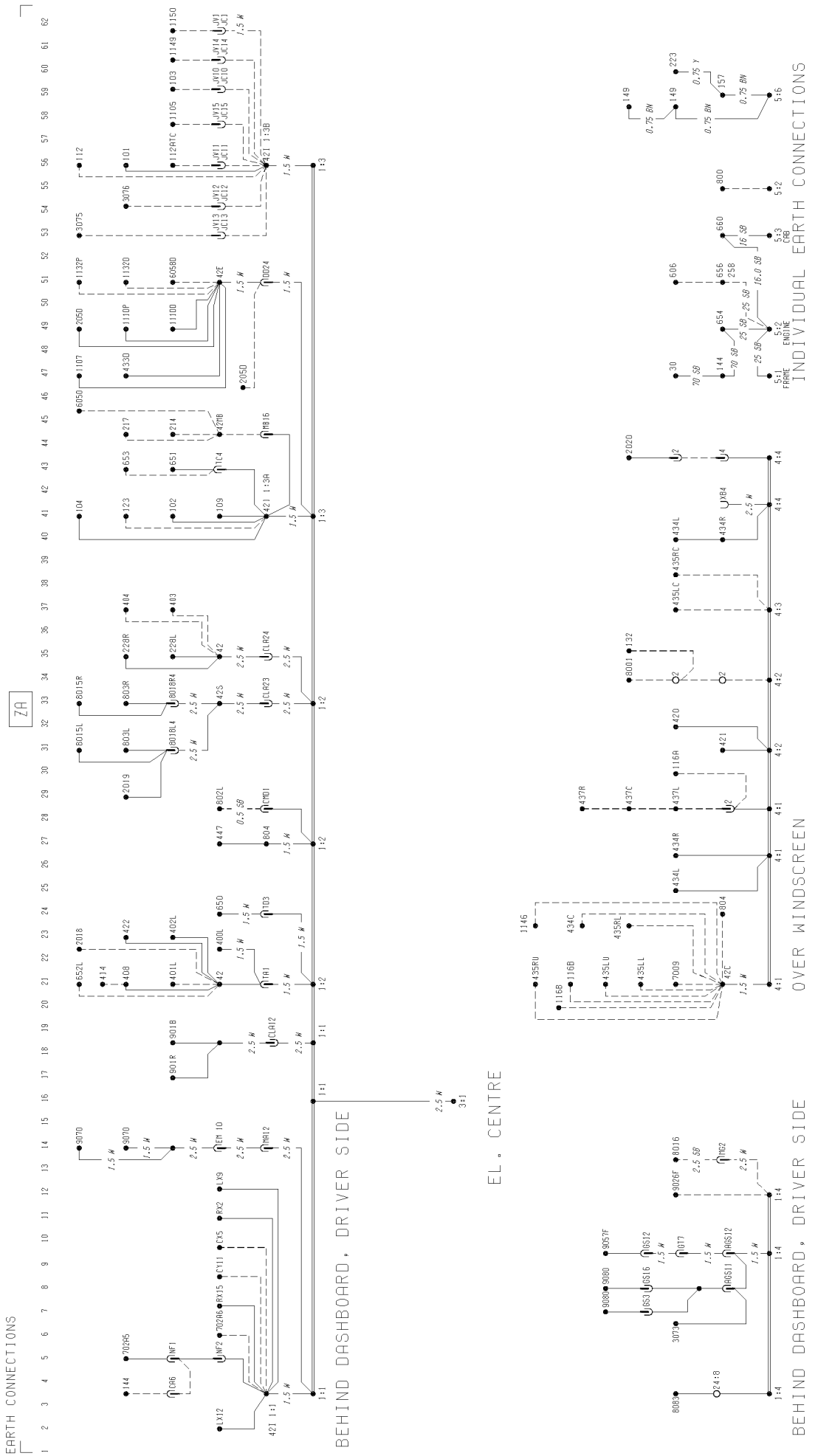

RETARDER, MANUAL GEARSHIFT
100
7060 SERWT
7060 SEROT
754 SERAP
9057
TECU
GEARBOX ECU
9029
397 (K2:9)
398 (K2:10)
F70 5A
F71 5A
F72 10A
53 B
6018
YVRET11
1:4
T3011426

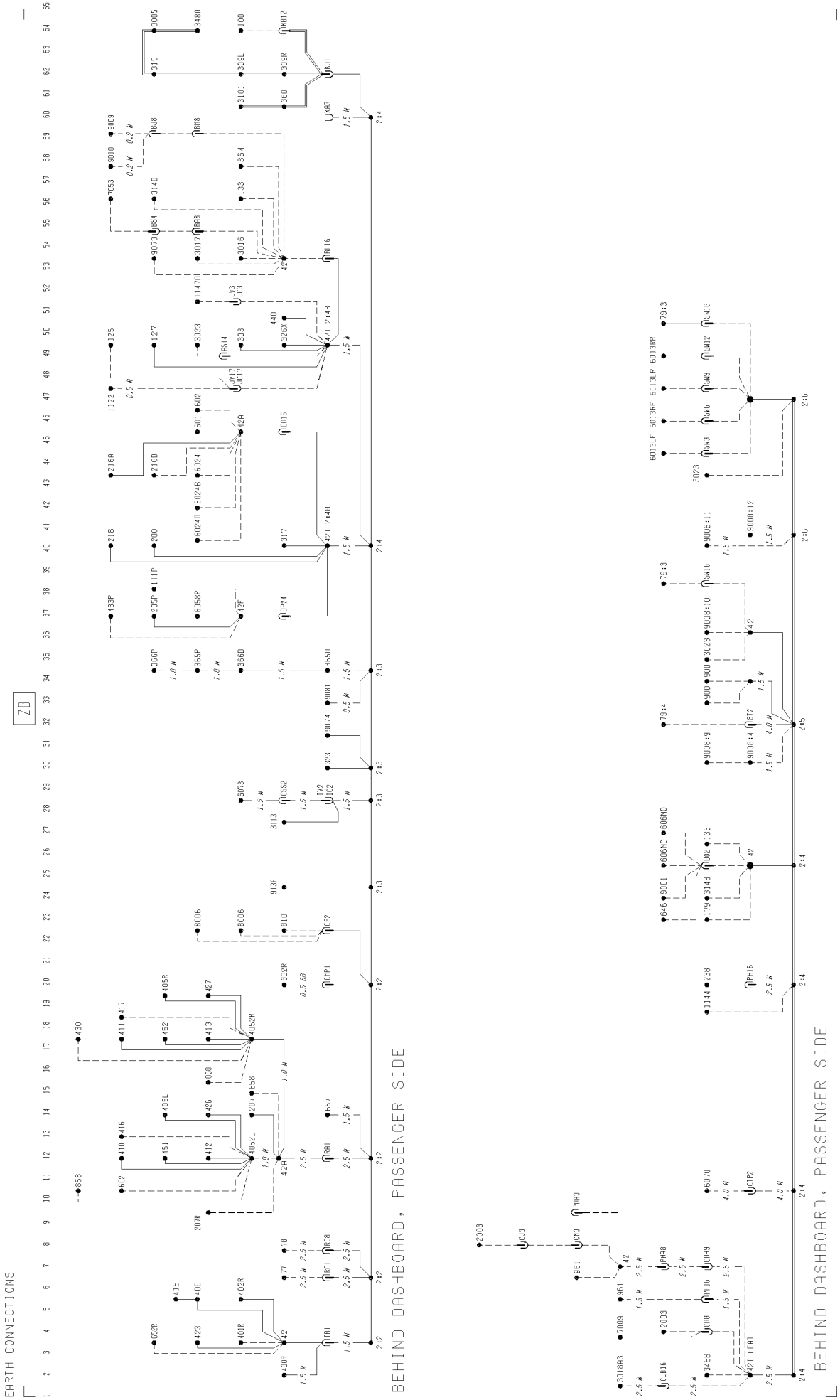

DUAL SPEED LIMITER
HEADLIGHT LEVEL CONTROL
9080 GECU
9074
DUAL SPEED
FORCED IDLE
3030
SWITCH AT FOOTSTEP NOT SUPPLIED BY VOLVO
ONLY MANUAL GEARBOXES
SWITCH PLATFORM
F28 5A
F44 10A
305
K12
405 L
405 R
1105
6056
6056
T3011427


CENTRAL LUBR. SYSTEM
[TB]
REFRIGERATOR
[TA]
6073
3113
3111
7004
172
56
34
T3011428

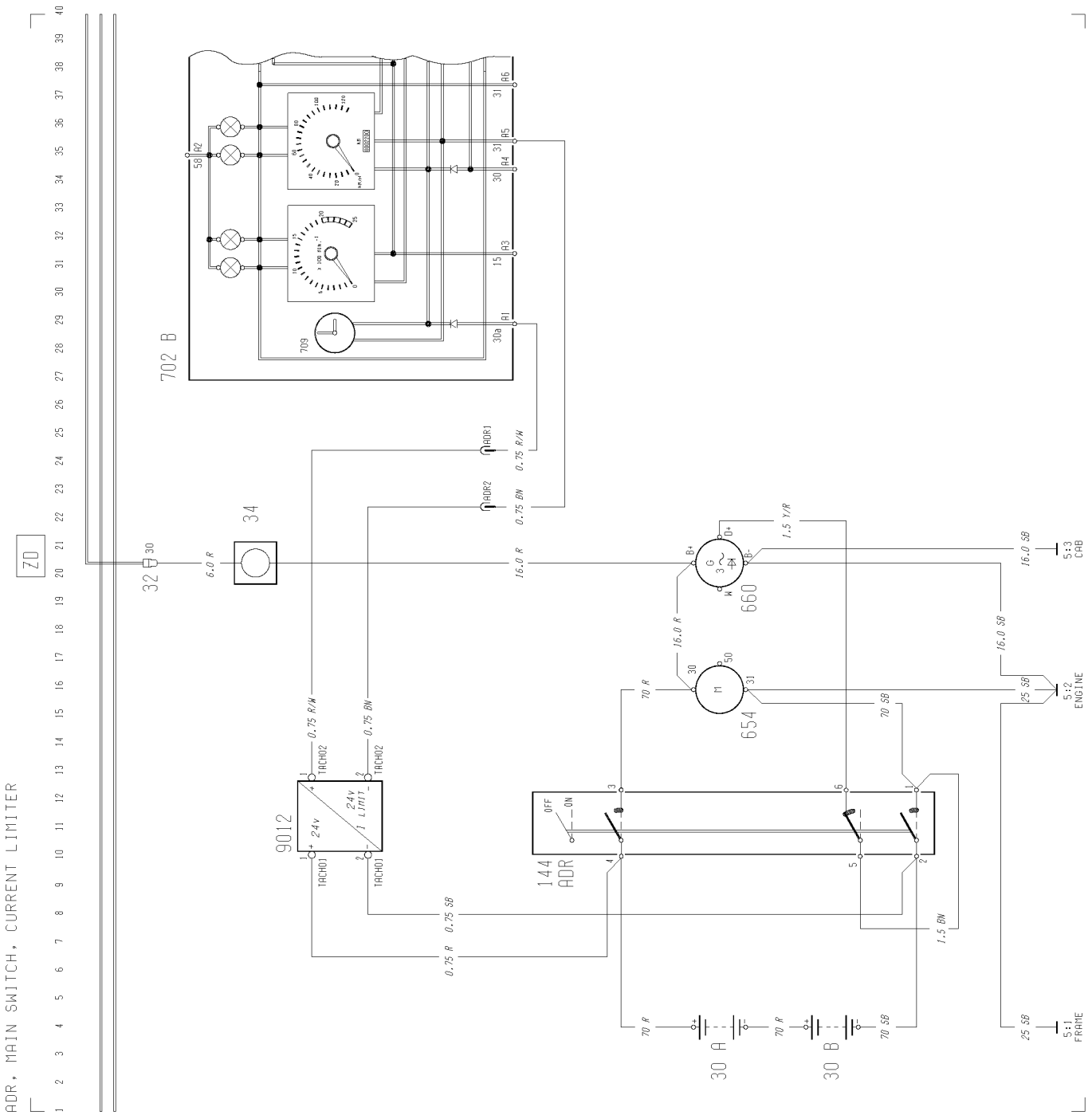

EXTRA FUSE BLOCK KEY SWITCH RELAY
XA
F24
10A
56 X
56 P
56 A
326 X
30
15
61
CE16
CE17
HM7
CU10
CU9
RC12
RC13
RC11
ONLY RIGID
136
178
2:4
4:4

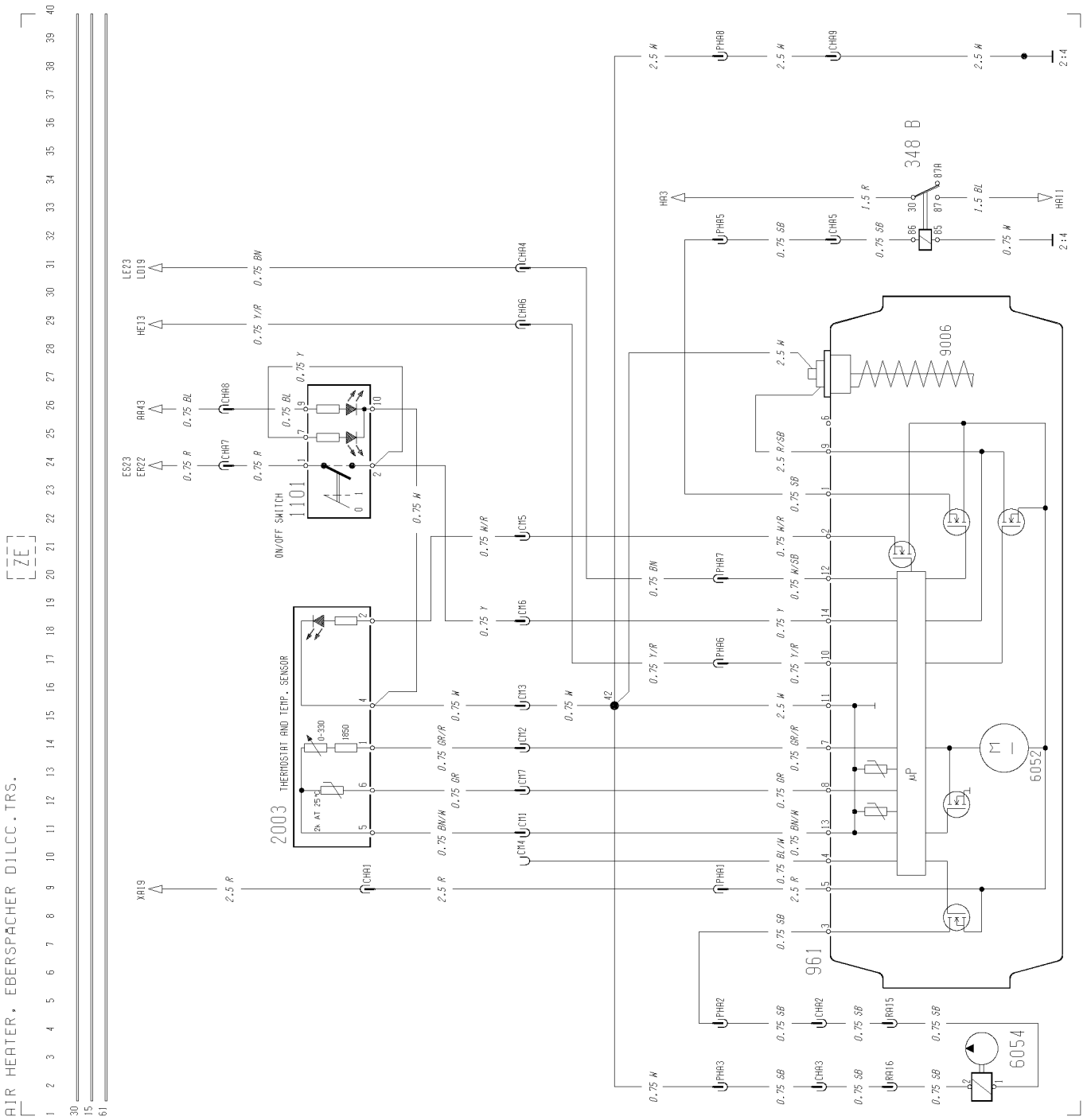
T3011429

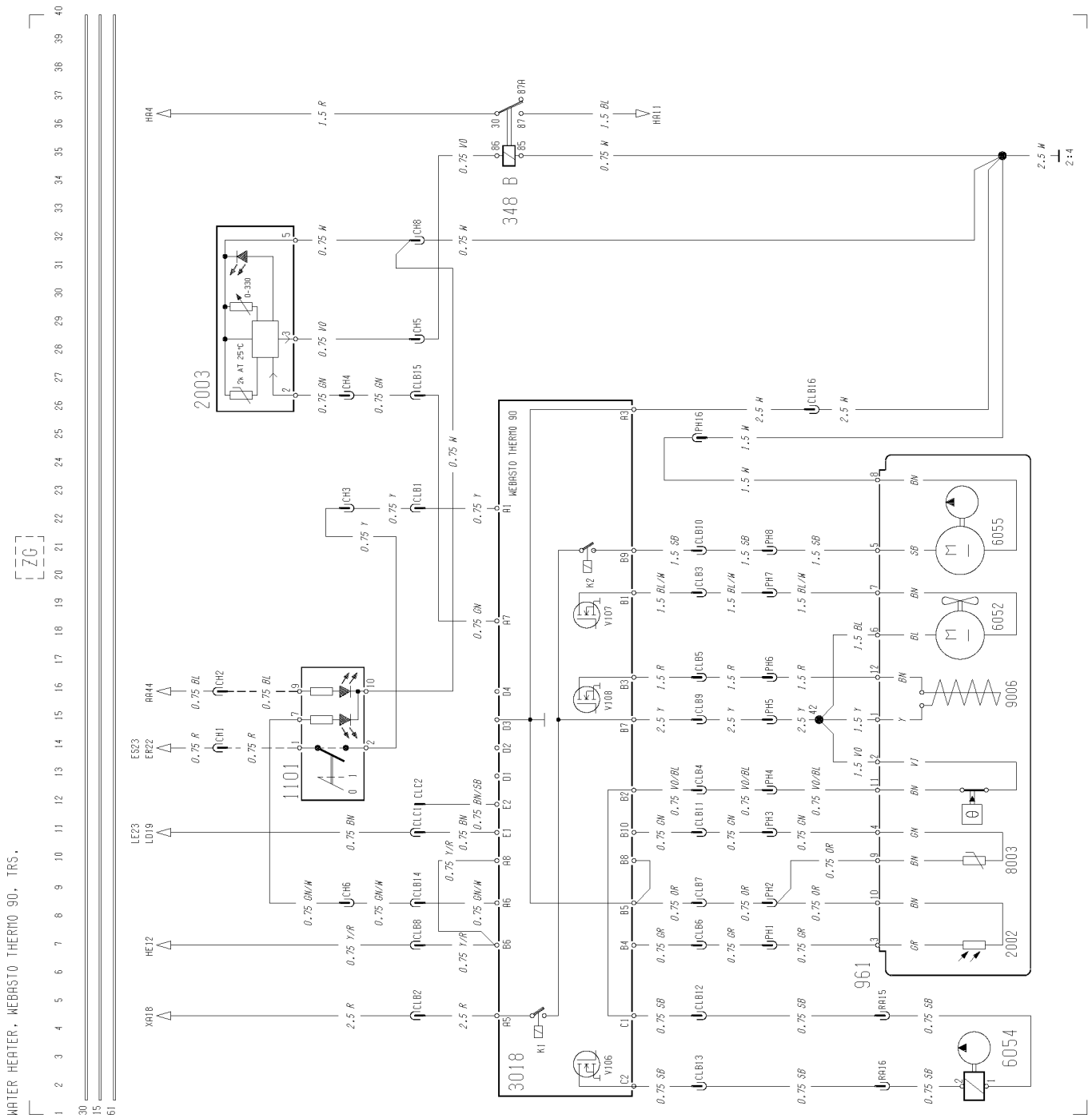

EARTH CONNECTIONS
ZA
BEHIND DASHBOARD, DRIVER SIDE
EL. CENTRE
BEHIND DASHBOARD, DRIVER SIDE
OVER WINDSCREEN
INDIVIDUAL EARTH CONNECTIONS


EARTH CONNECTIONS
ZB
BEHIND DASHBOARD, PASSENGER SIDE
BEHIND DASHBOARD, PASSENGER SIDE

T3011431


ADR, MAIN SWITCH, CURRENT LIMITER
ZD
702 B
709
660
654
9012
144 ADR
30 A
30 B
5:3 CAB
5:2 ENGINE
5:1 FRAME
T3011432


AIR HEATER, EBERSPÄCHER D1LCC.TRS.
ON/OFF SWITCH
1101
THERMOSTAT AND TEMP. SENSOR
2003
348 B
9006
961
6052
6054
T3011433


WATER HEATER, WEBASTO THERMO 90, TRS.
WEBASTO THERMO 90
2003
1101
3018
348 B
961
6055
6052
9006
8003
2002
6054

T3011434

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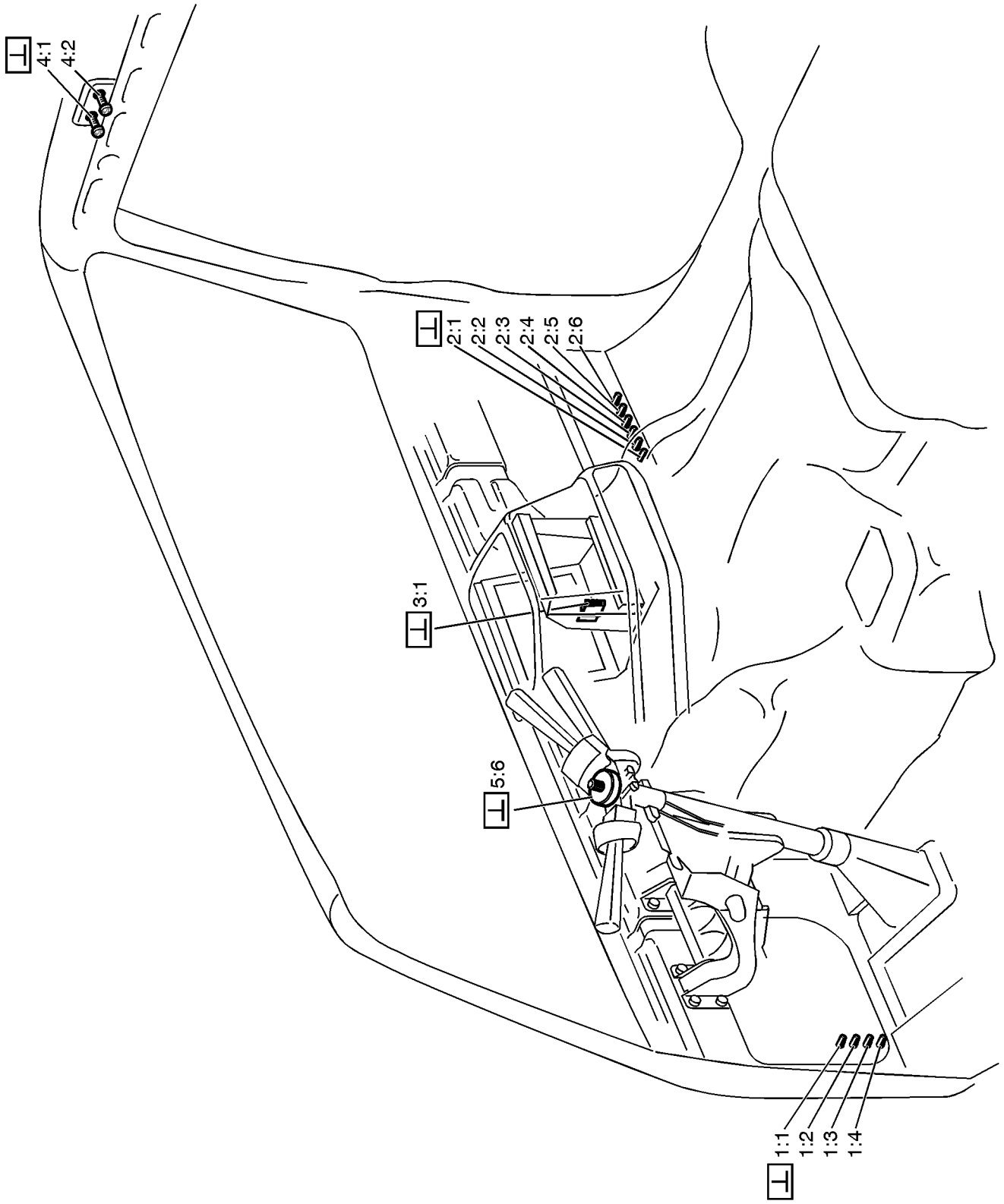
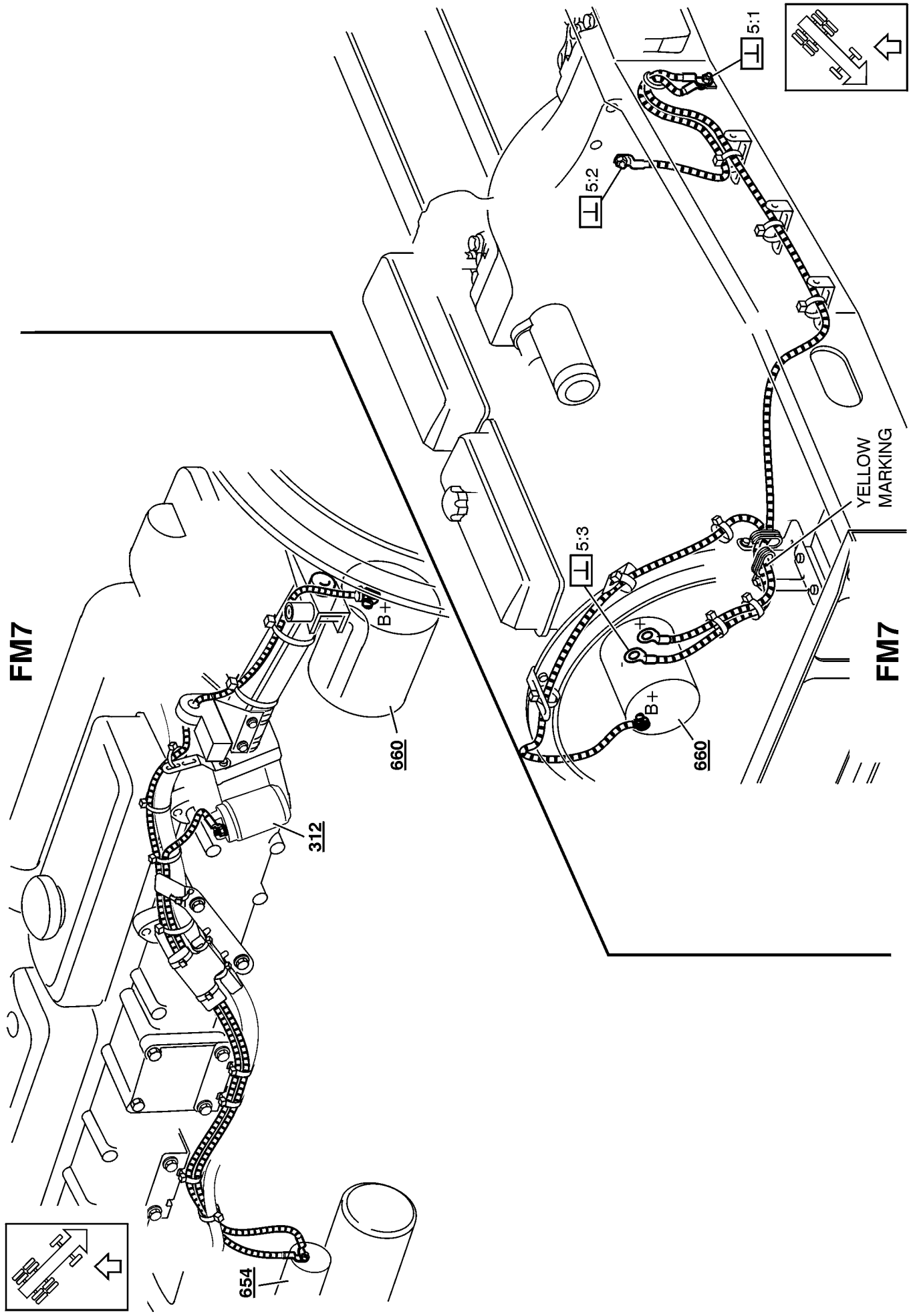
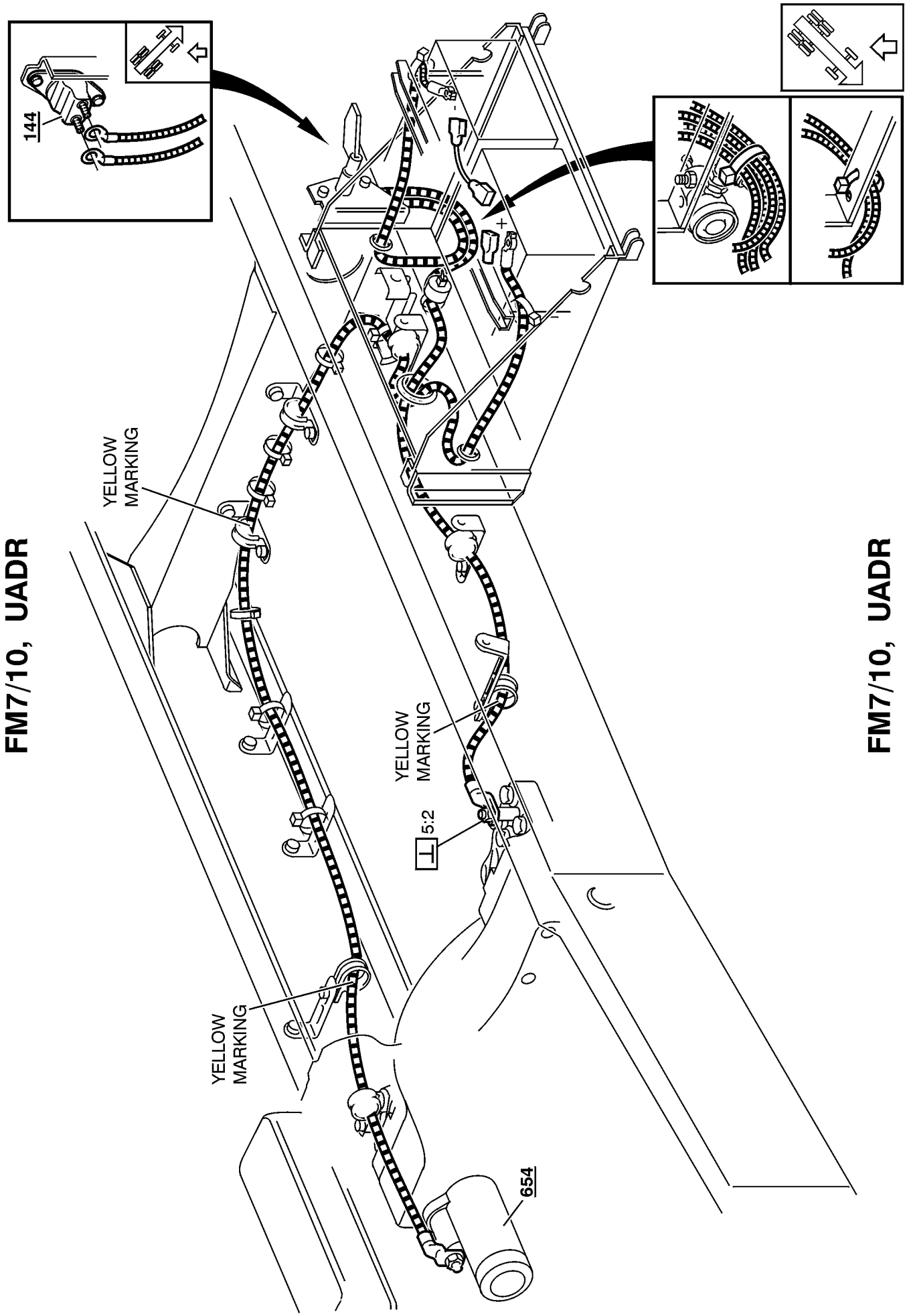
Illustrations

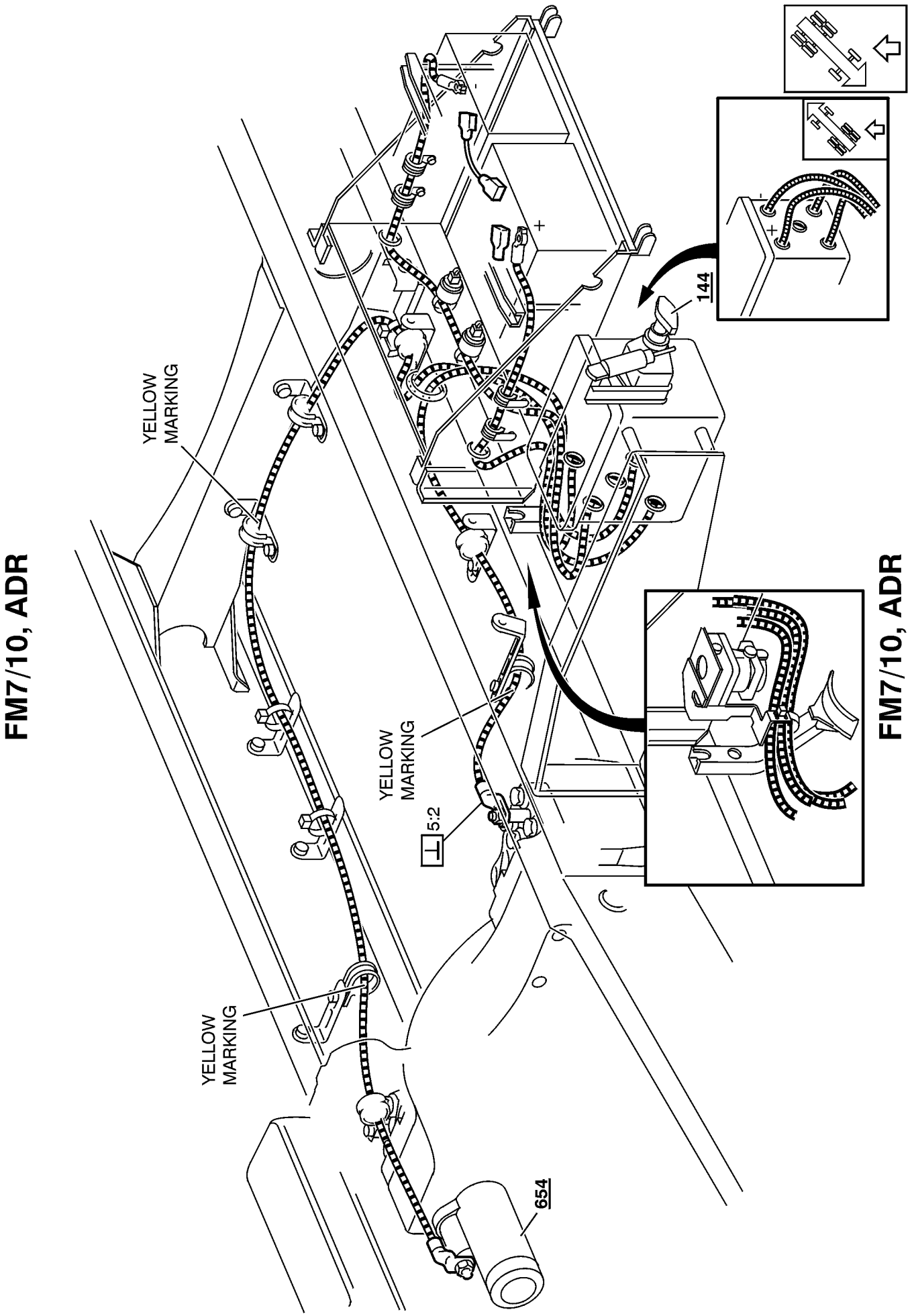


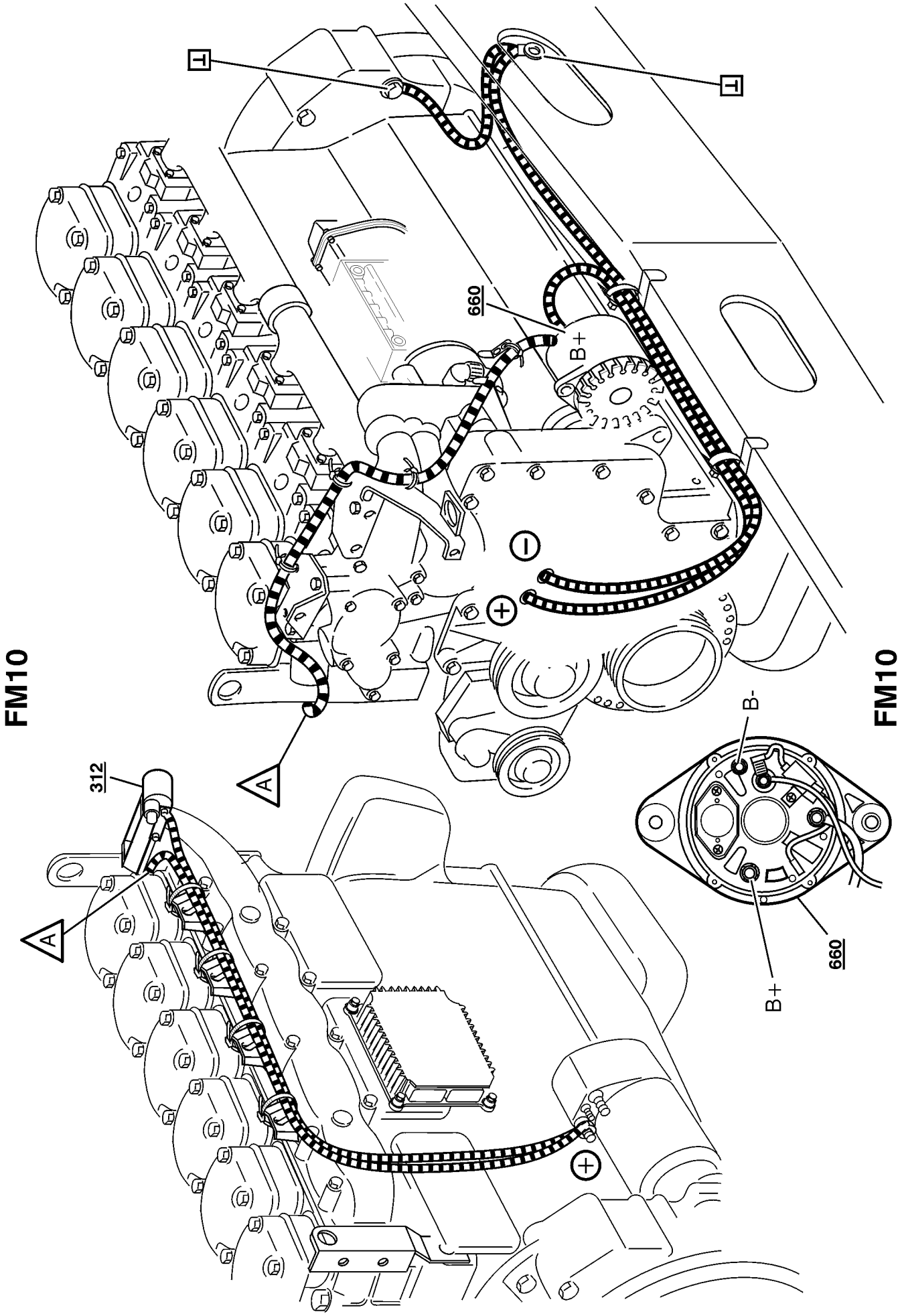
T3009906


FM7
FM7
5:1
5:2
5:3
YELLOW MARKING
660
660
312
654
B+
B+
T3011693


FM7/10, UADR
144
YELLOW MARKING
YELLOW MARKING
5:2
YELLOW MARKING
654
FM7/10, UADR

T3011463


FM7/10, ADR
YELLOW MARKING
YELLOW MARKING
YELLOW MARKING
5:2
144
654
FM7/10, ADR



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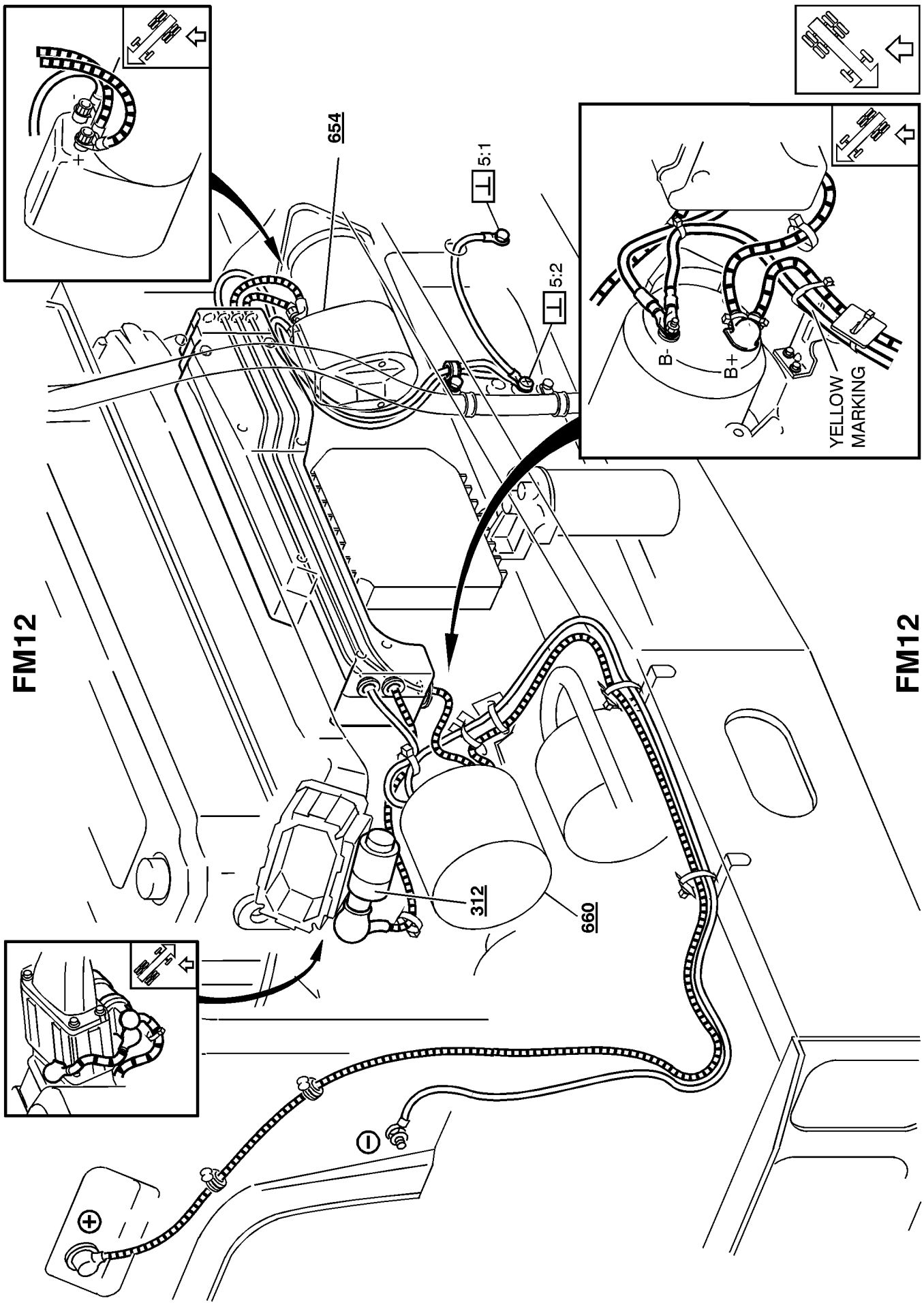
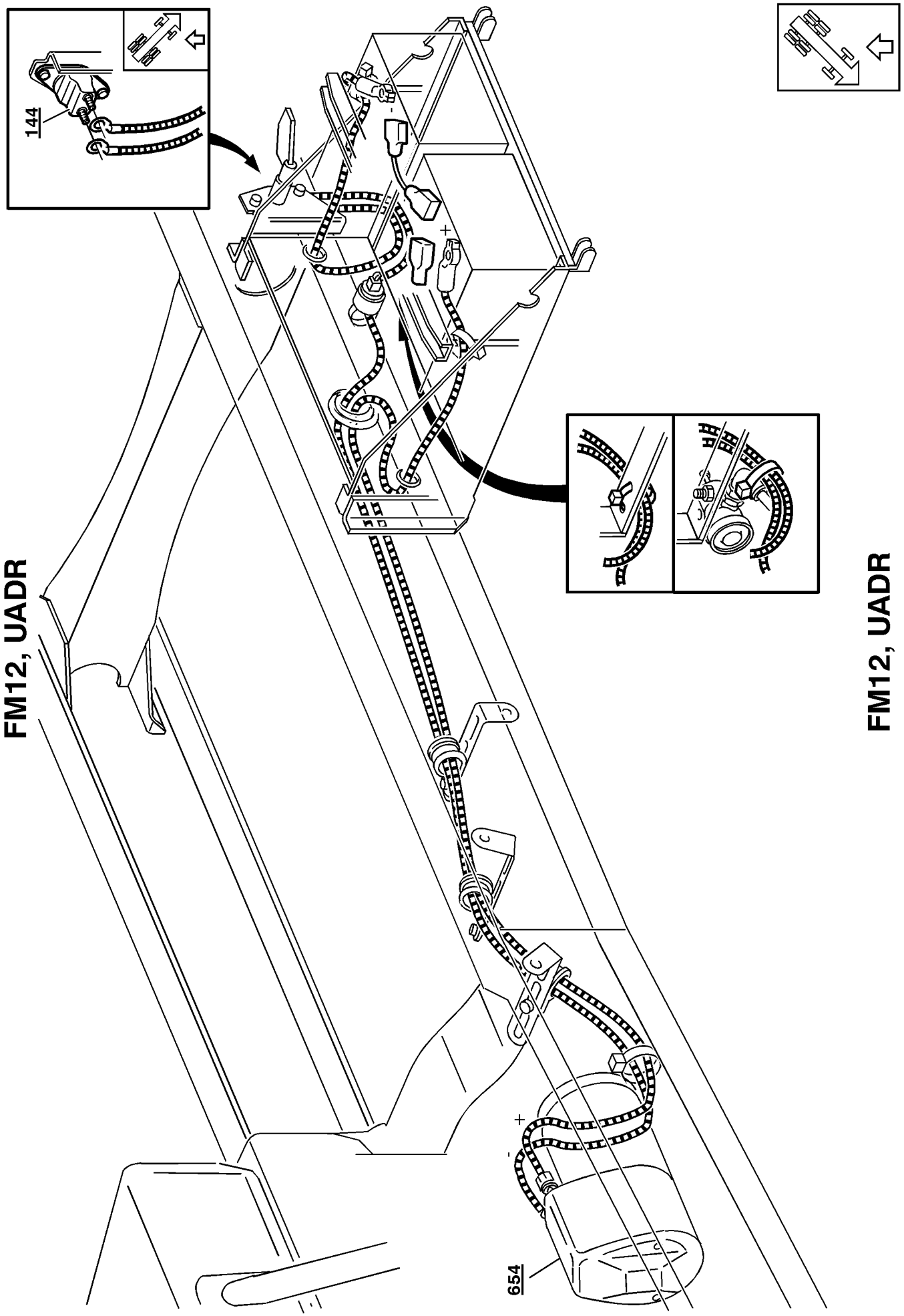

654
5:1
5:2
B-
B+
YELLOW MARKING
312
660
FM12
FM12



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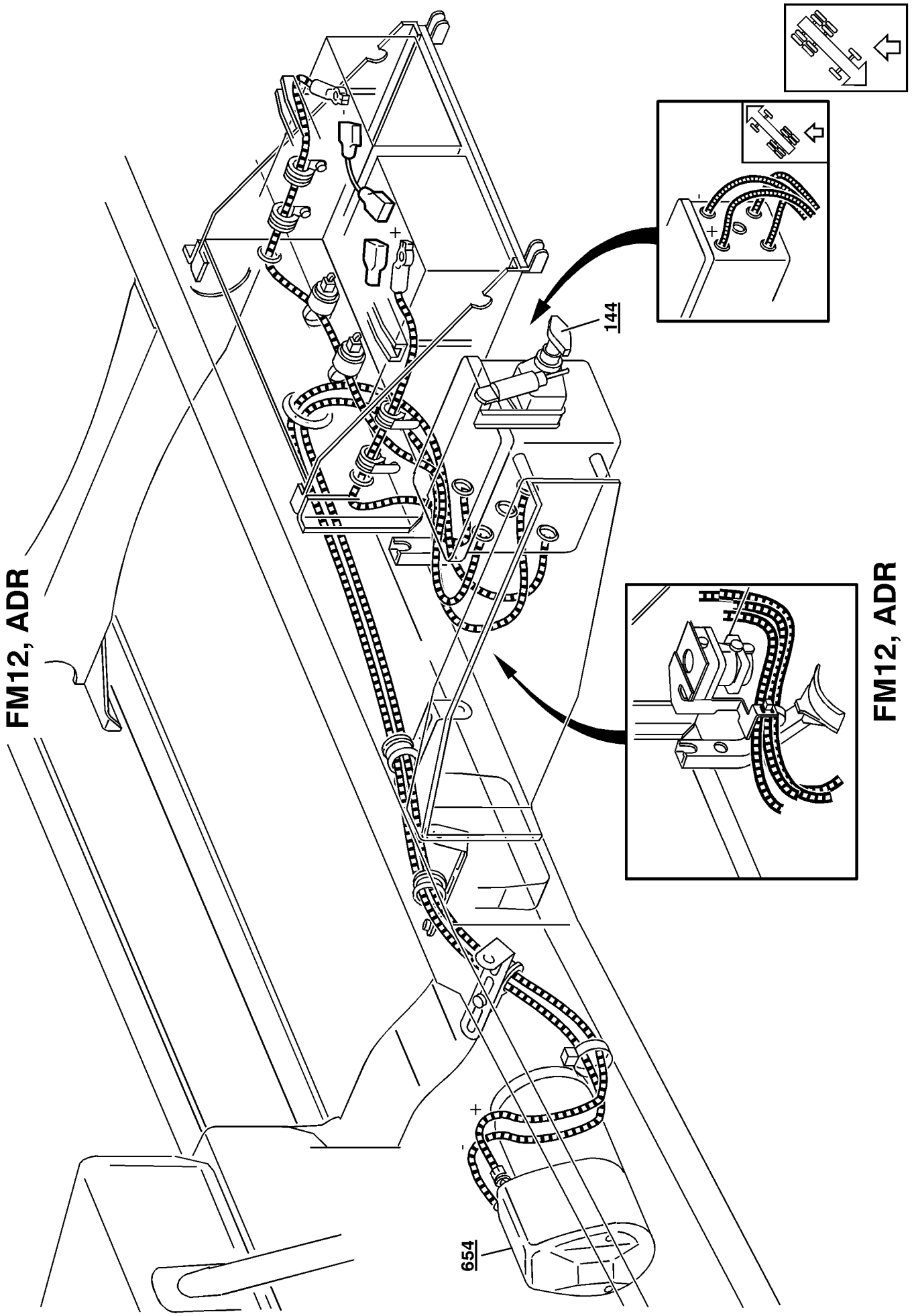

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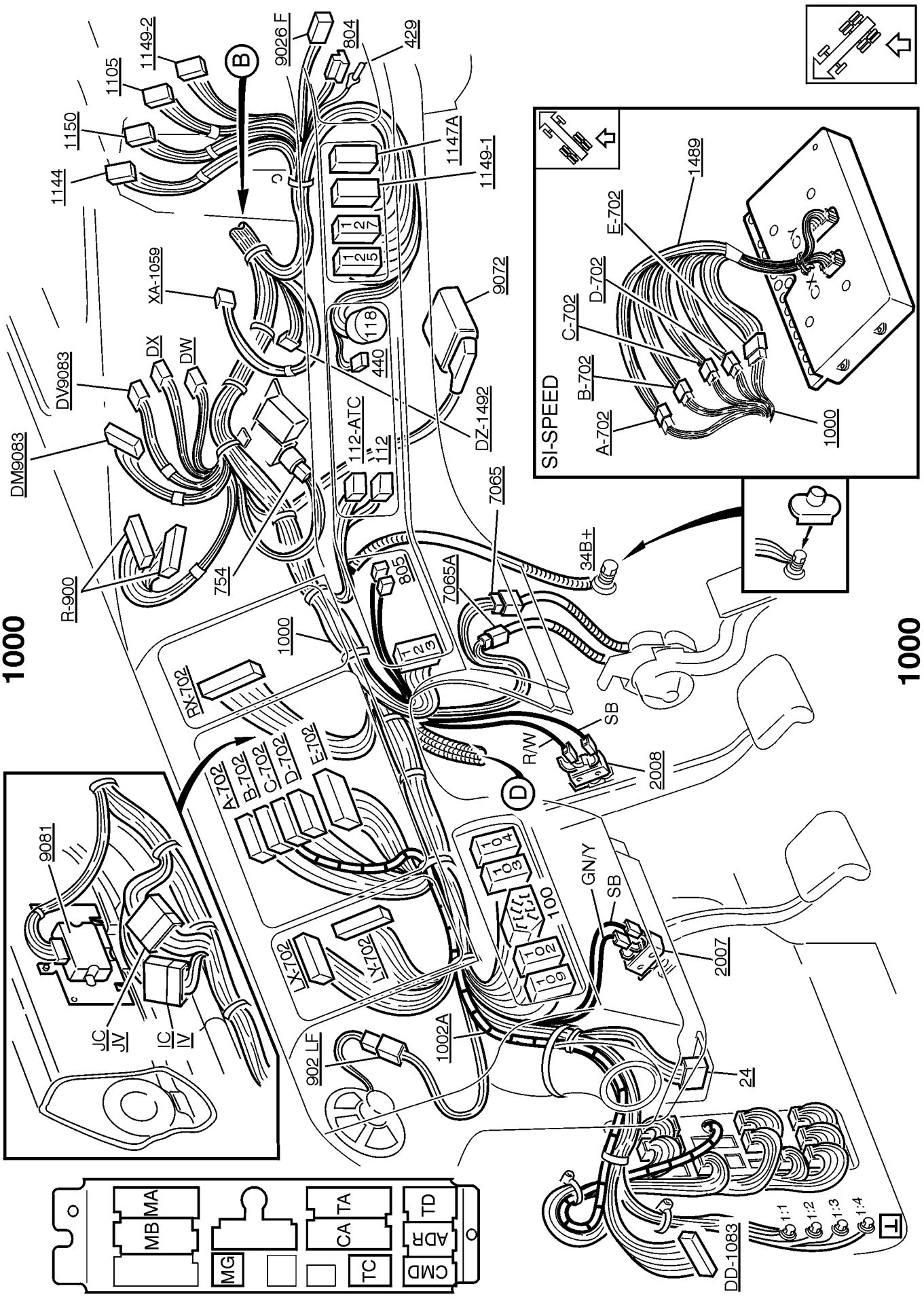
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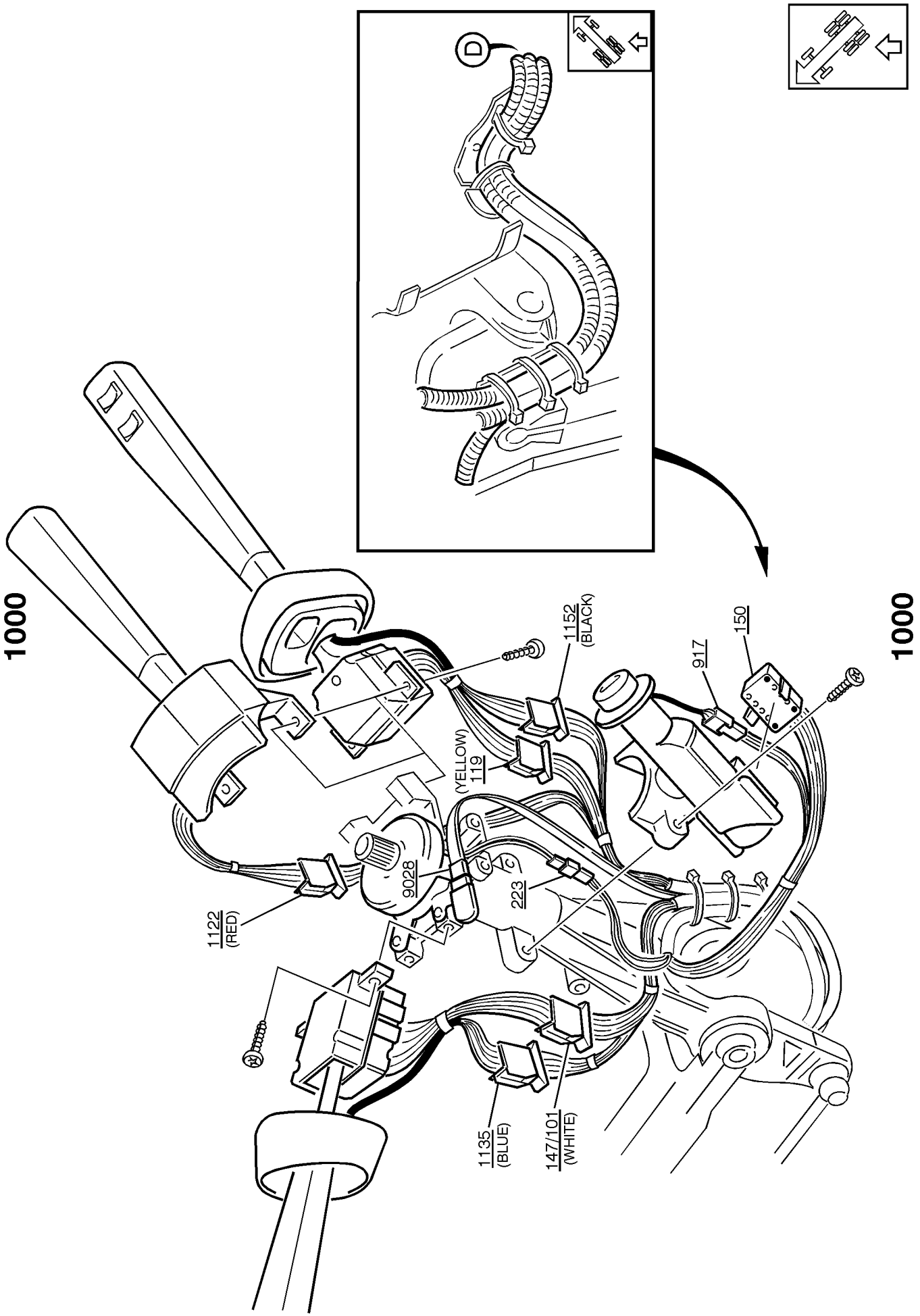
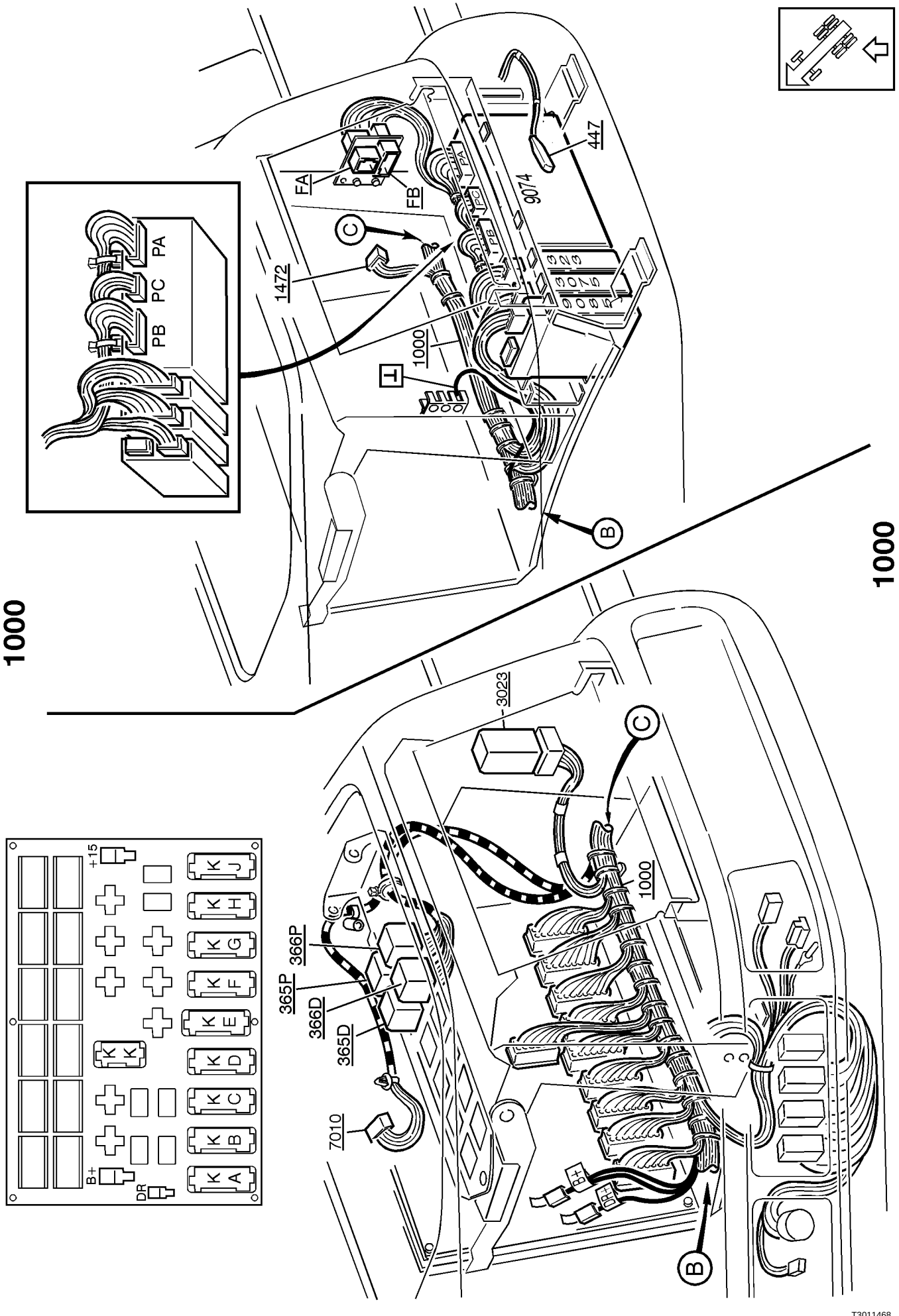
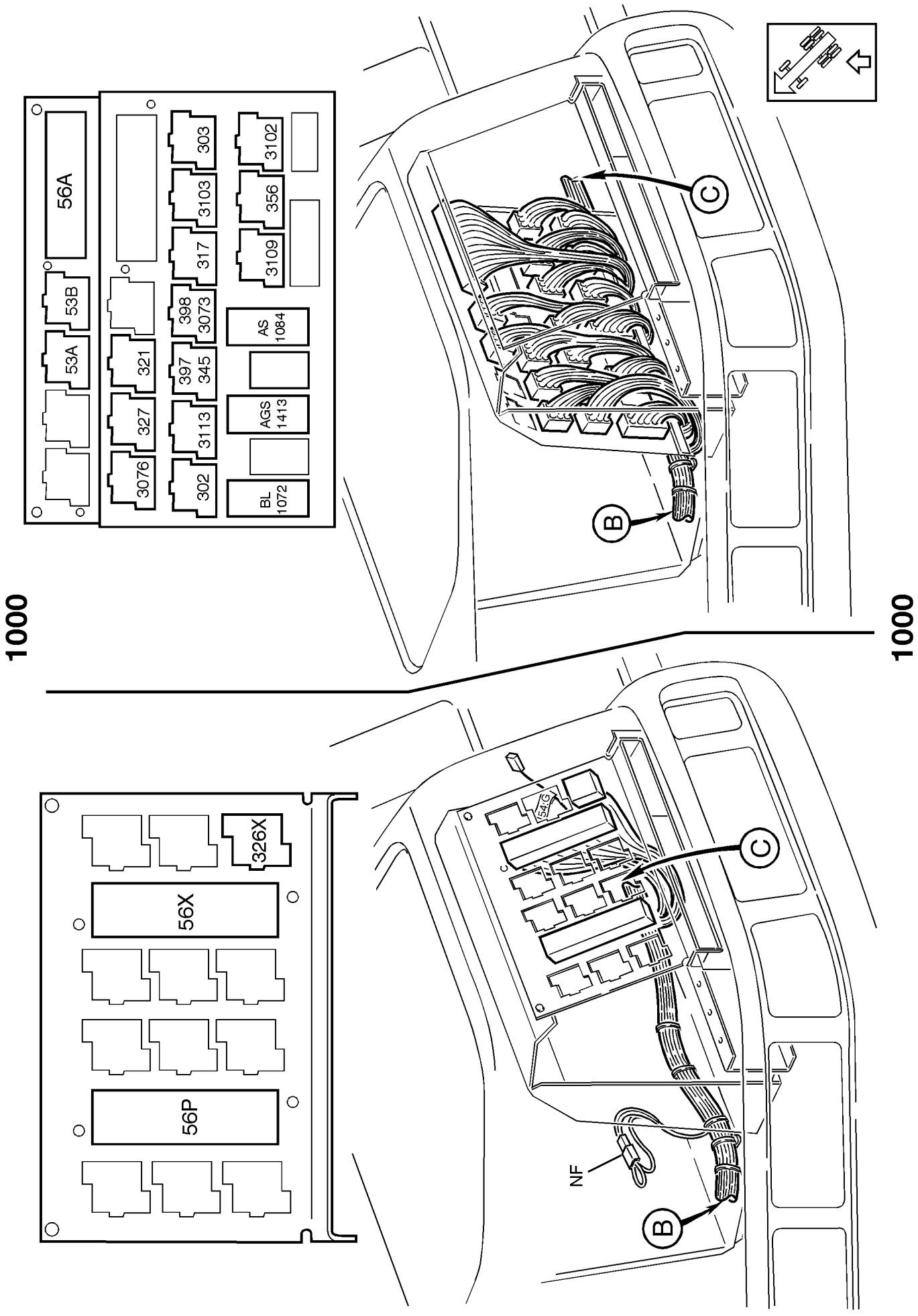
1000
SI-SPEED
1489
E-702
D-702
C-702
B-702
A-702
1000
1149-2
1105
1150
1144
9026 F
804
429
1147A
1149-1
XA-1059
9072
DV9083
DX
DW
DM9083
118
440
112-ATC
112
DZ-1492
7065
34B+
805
7065A
754
R-900
1000
RX-702
A-702
B-702
C-702
D-702
E-702
LX-702
LY-702
9081
JC
JV
IC
IV
902 LF
1002A
100
GN/Y
SB
R/W
SB
2008
2007
24
DD-1083
1:1
1:2
1:3
1:4
MA
MB
MG
TA
CA
TC
TD
ADR
CMD

T3011466

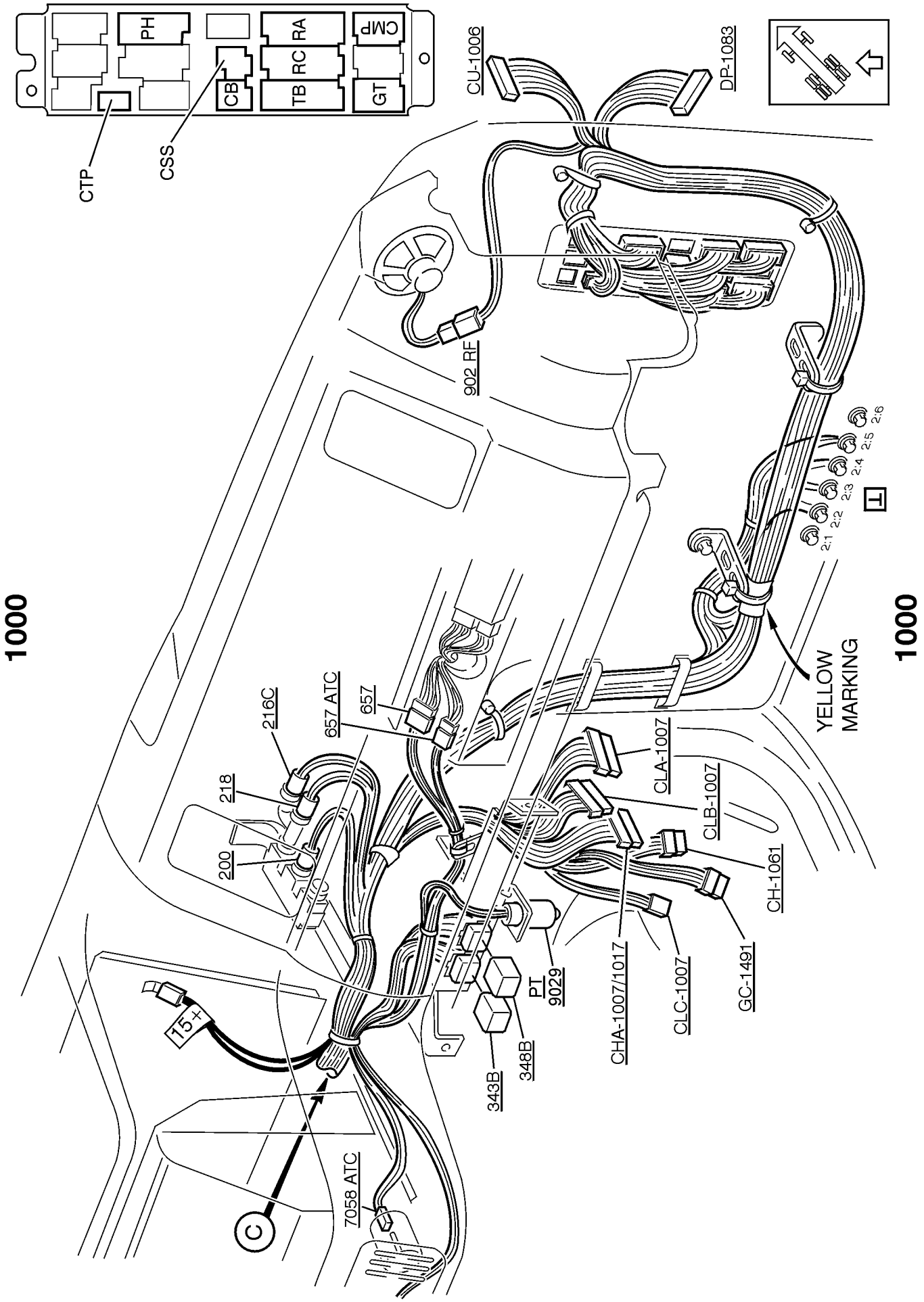

1000
1000
D
1152 (BLACK)
150
917
(YELLOW) 119
9028
223
1122 (RED)
1135 (BLUE)
147/101 (WHITE)

T3009689

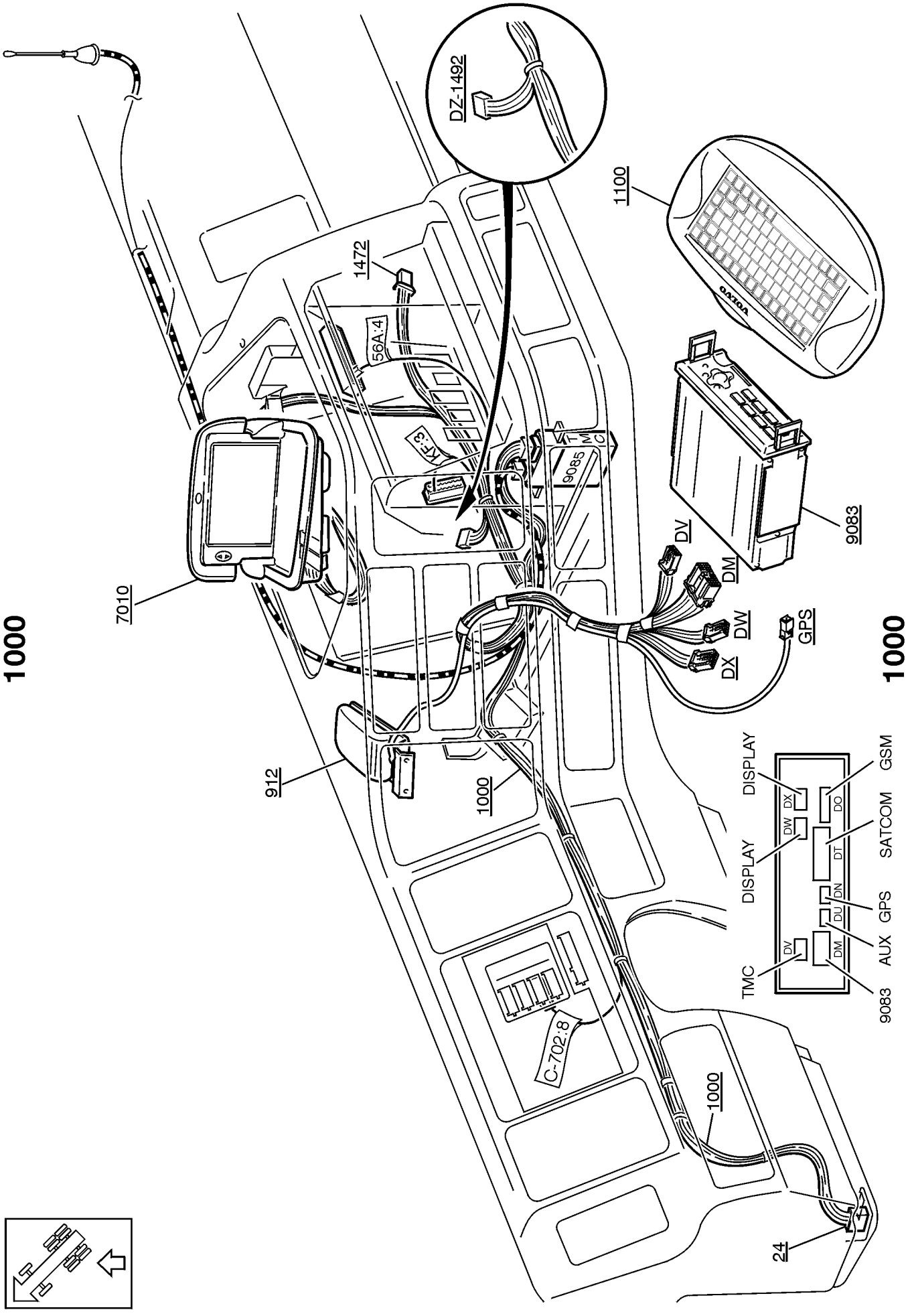

1000
1000
1000
PA
PC
PB
FA
FB
1472
9074
447
1000
3023
1000
366P
365P
366D
365D
7010
+15
B+
DR
K A
K B
K C
K D
K E
K F
K G
K H
K J
K K
T3011468


1000
1000
56A
53B
53A
321
327
3076
397
345
3113
302
398
3073
317
3103
303
AS
1084
AGS
1413
BL
1072
3109
356
3102
B
C
54G
56X
326X
56P
NF

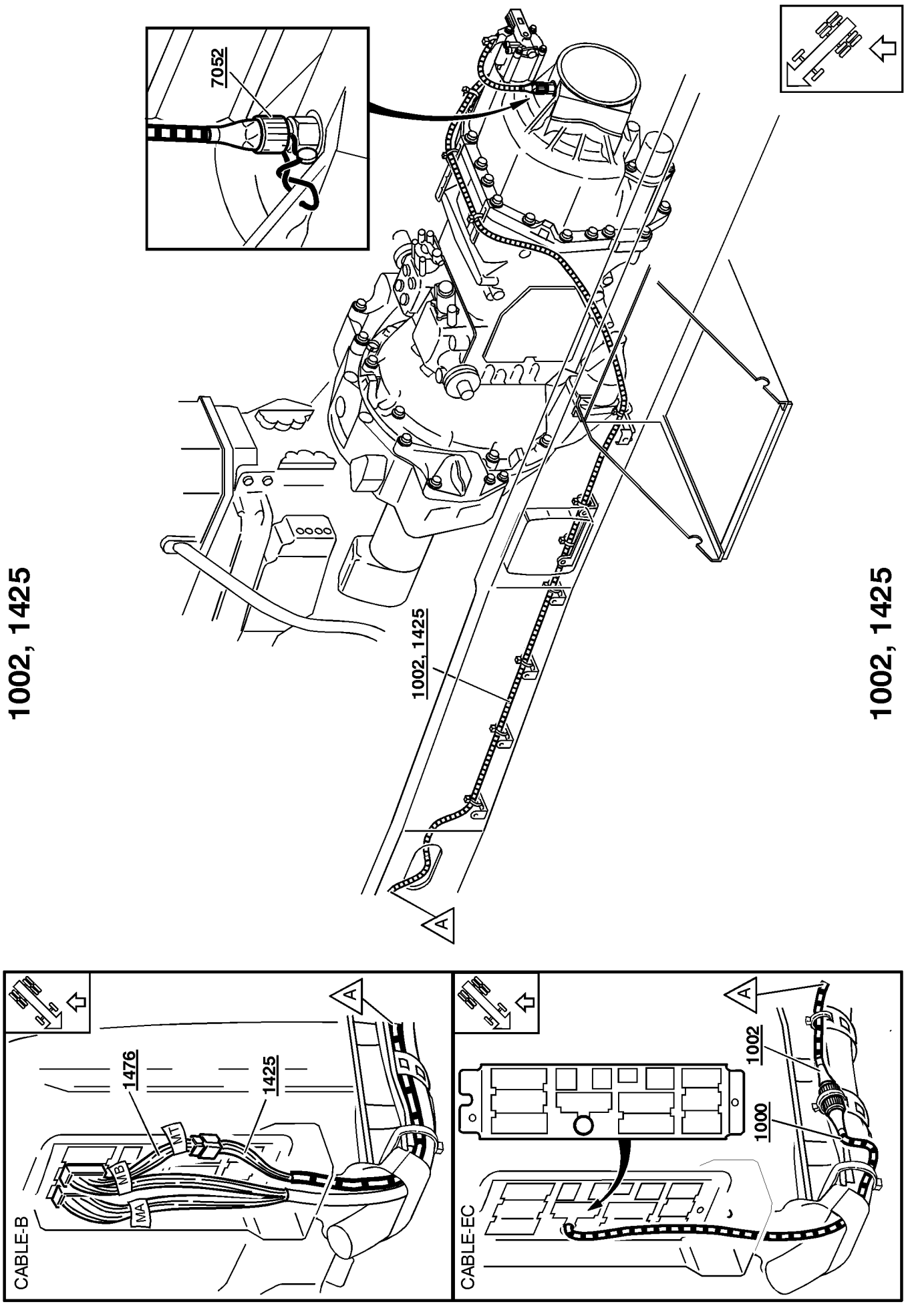
T3011469


PH
CB
RA
RC
TB
CMP
GT
CTP
CSS
CU-1006
DP-1083
902 RF
1000
1000
YELLOW MARKING
216C
657 ATC
657
218
200
CLA-1007
CLB-1007
CH-1061
CHA-1007/1017
CLC-1007
GC-1491
PT 9029
343B
348B
15+
7058 ATC
C
2:1
2:2
2:3
2:4
2:5
2:6

T3011470


DZ-1492
1100
1472
56A:4
MF:3
9085
7010
9083
DV
DM
DW
DX
GPS
912
1000
C:702:8
24
DISPLAY
DISPLAY
TMC
AUX
GPS
SATCOM
GSM
9083
DW
DX
DO
DT
DN
DU
DV
DM

T3011467


1002, 1425
7052
1002, 1425
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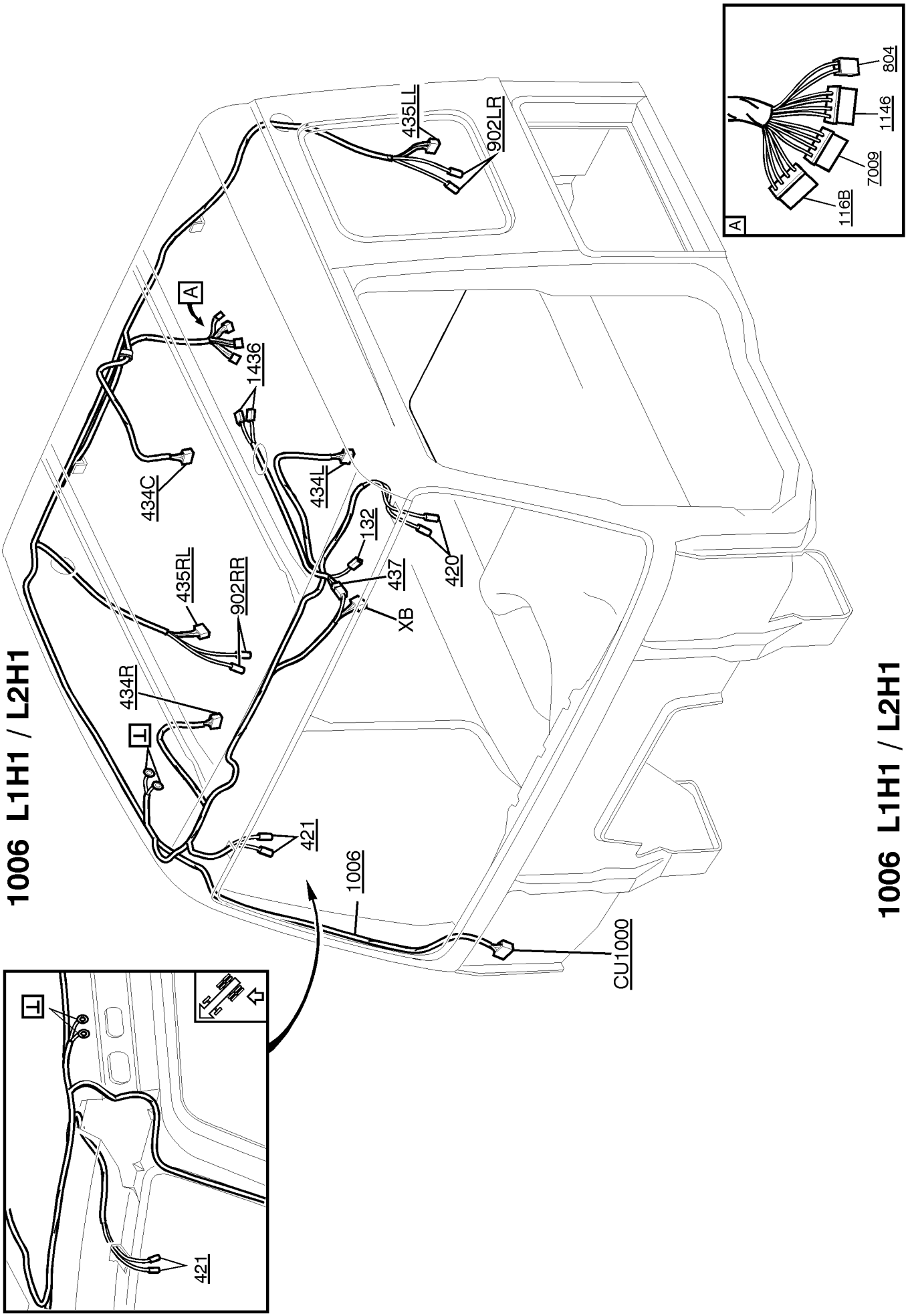
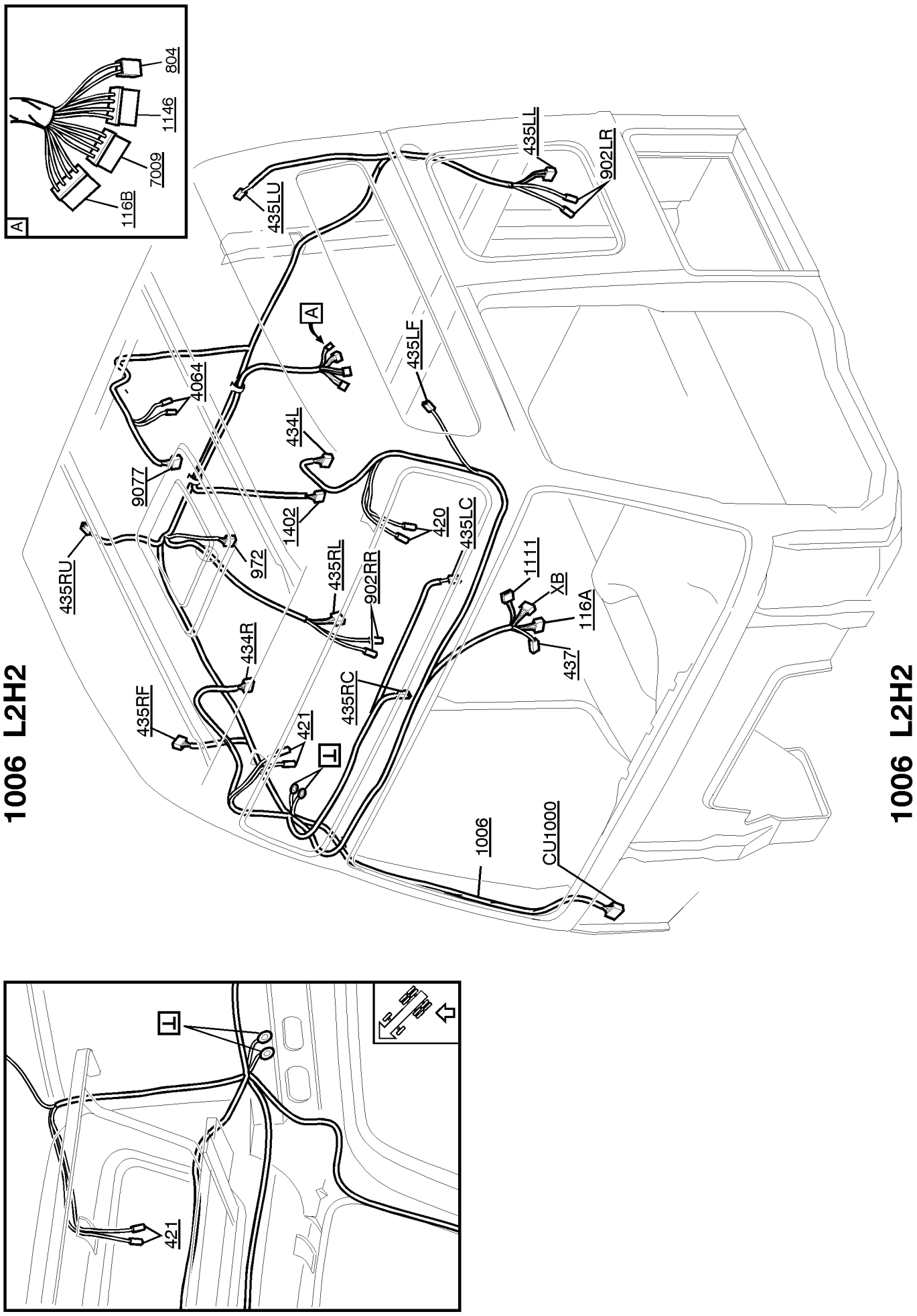
CABLE-B
1476
1425
MT
MB
MA
A
CABLE-EC
1002
1000
A

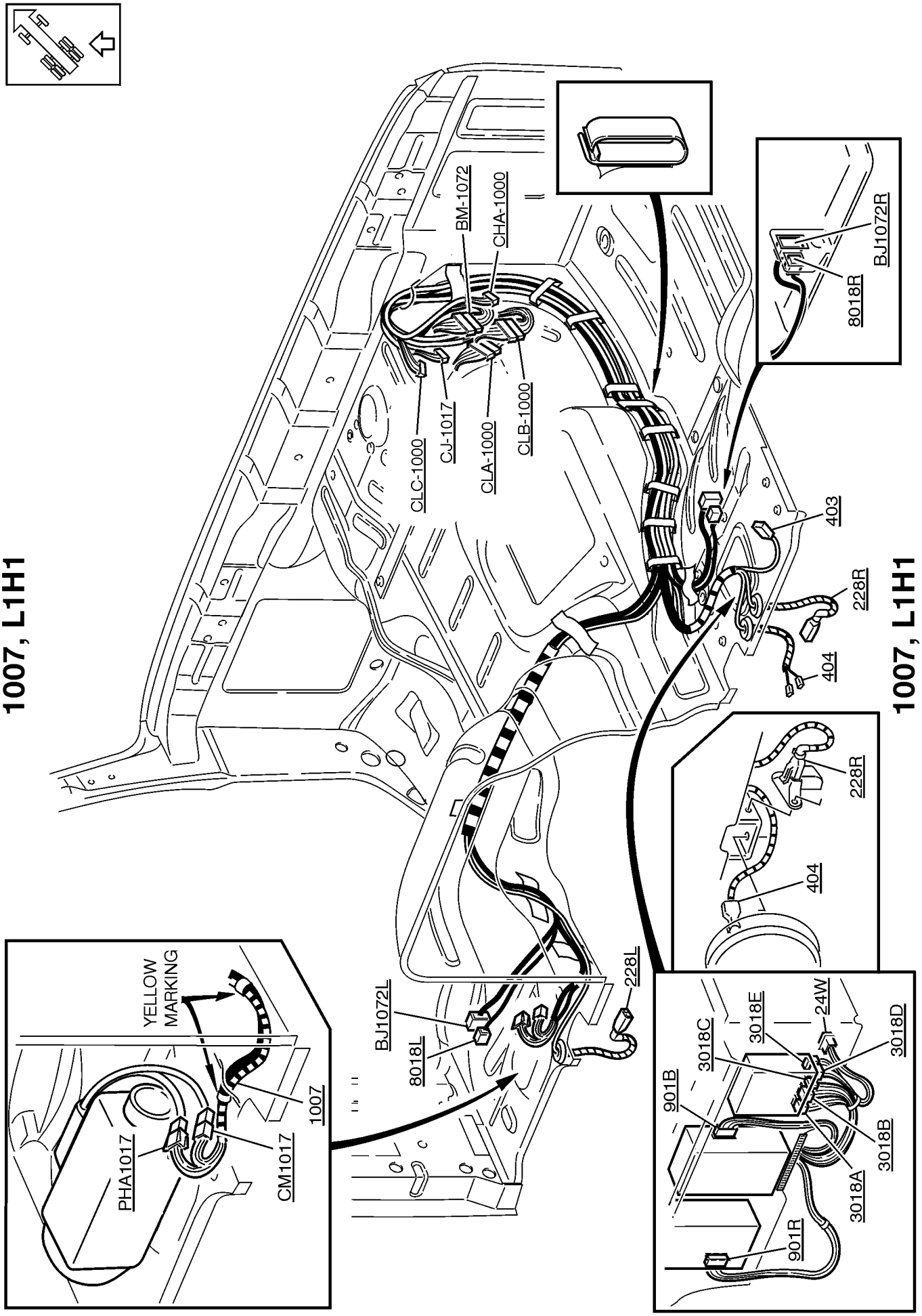
T3009693


1006 L1H1 / L2H1
1006 L1H1 / L2H1
A
804
1146
7009
116B
435LL
902LR
1436
434C
434L
132
420
437
XB
435RL
902RR
434R
T
421
1006
CU1000
T
421

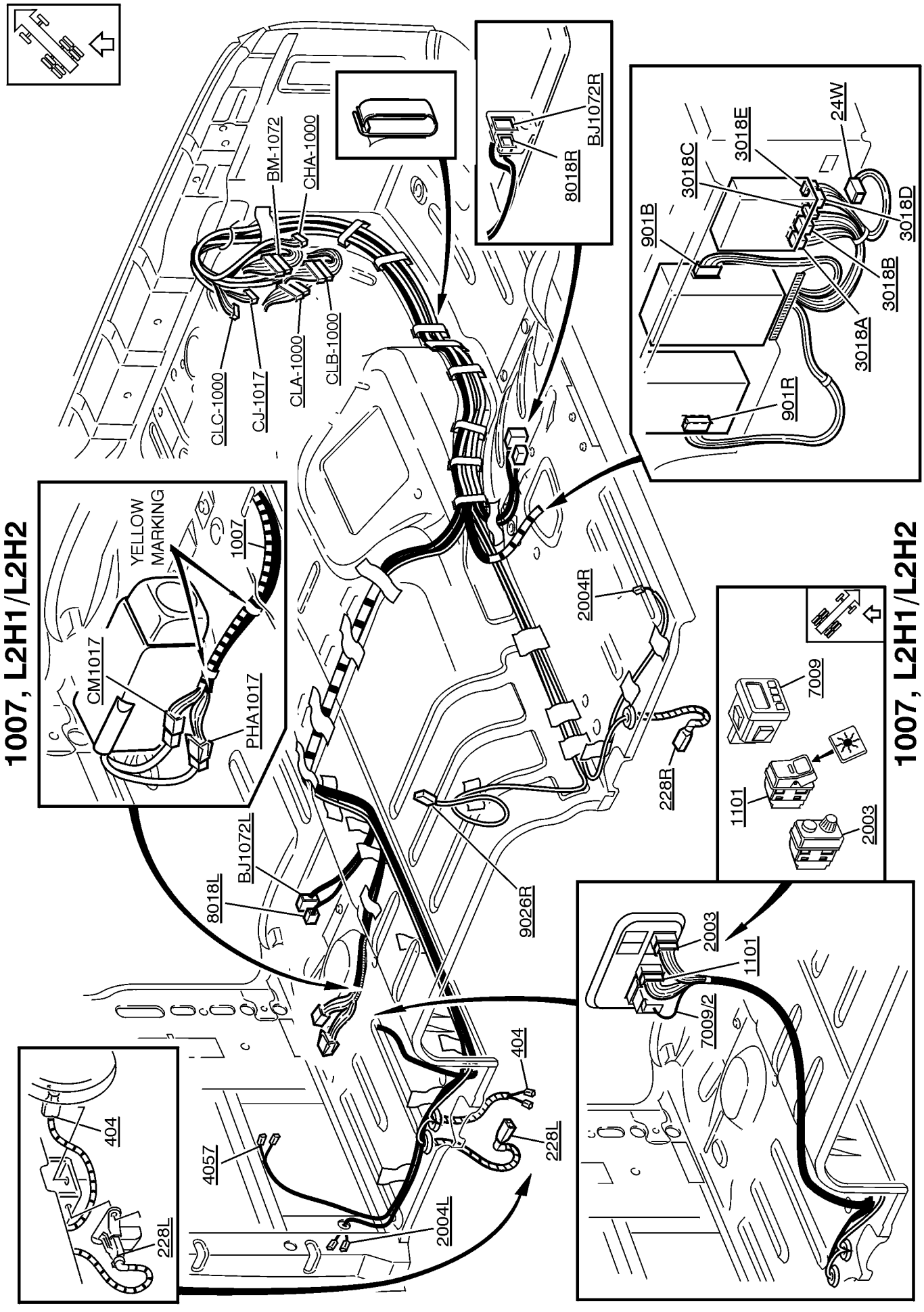
T3009981


1006 L2H2
A
804
1146
7009
116B
435LU
435LL
902LR
435LF
4064
9077
434L
1402
435RU
972
435RL
902RR
420
435LC
1111
XB
116A
437
434R
435RF
421
435RC
1006
CU1000
1006 L2H2
421

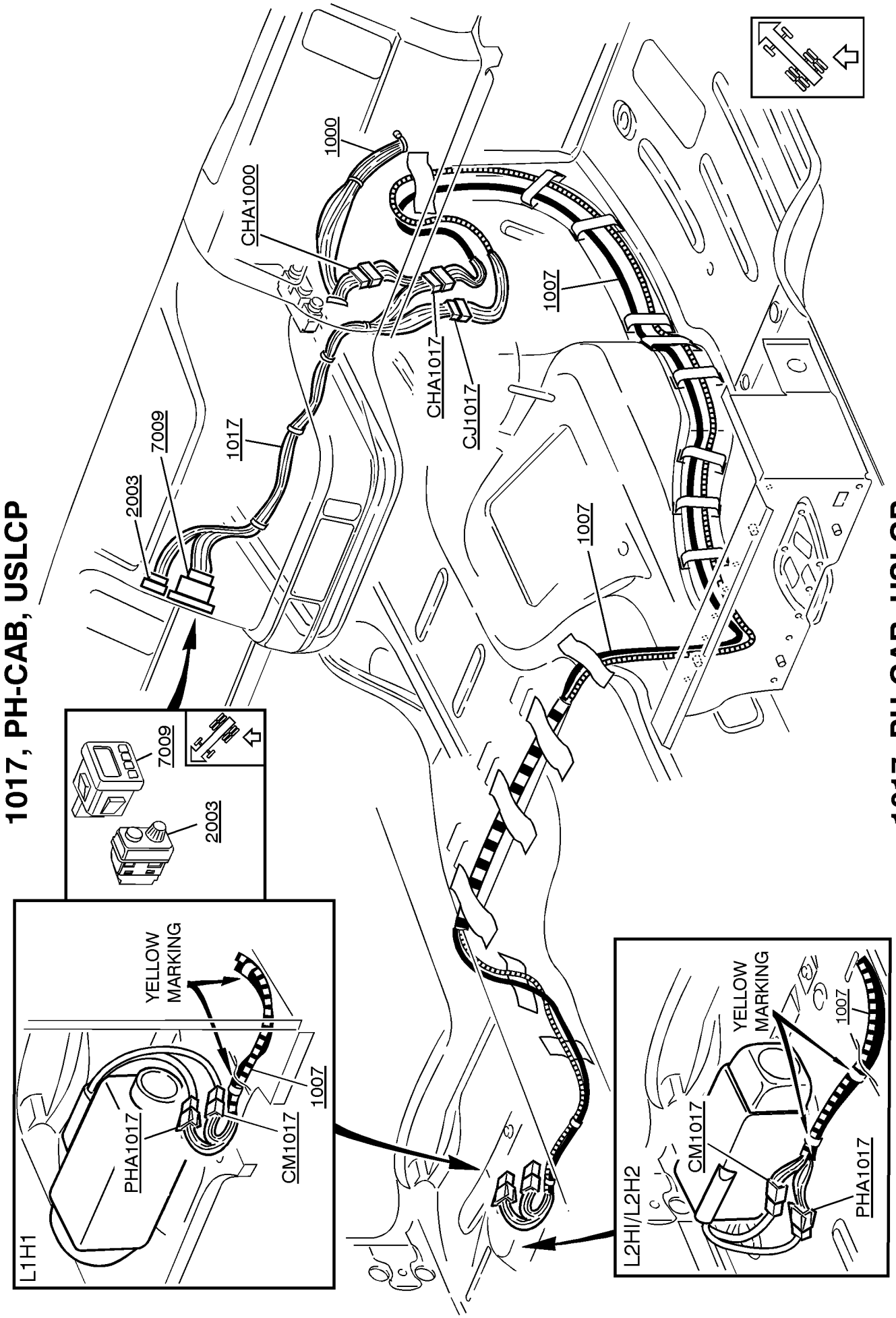
T3009695


1007, L1H1
1007, L1H1
BM-1072
CHA-1000
CLC-1000
CJ-1017
CLA-1000
CLB-1000
BJ1072R
8018R
403
228R
404
228L
BJ1072L
8018L
YELLOW MARKING
PHA1017
CM1017
1007
901B
3018C
3018E
24W
3018D
3018B
3018A
901R

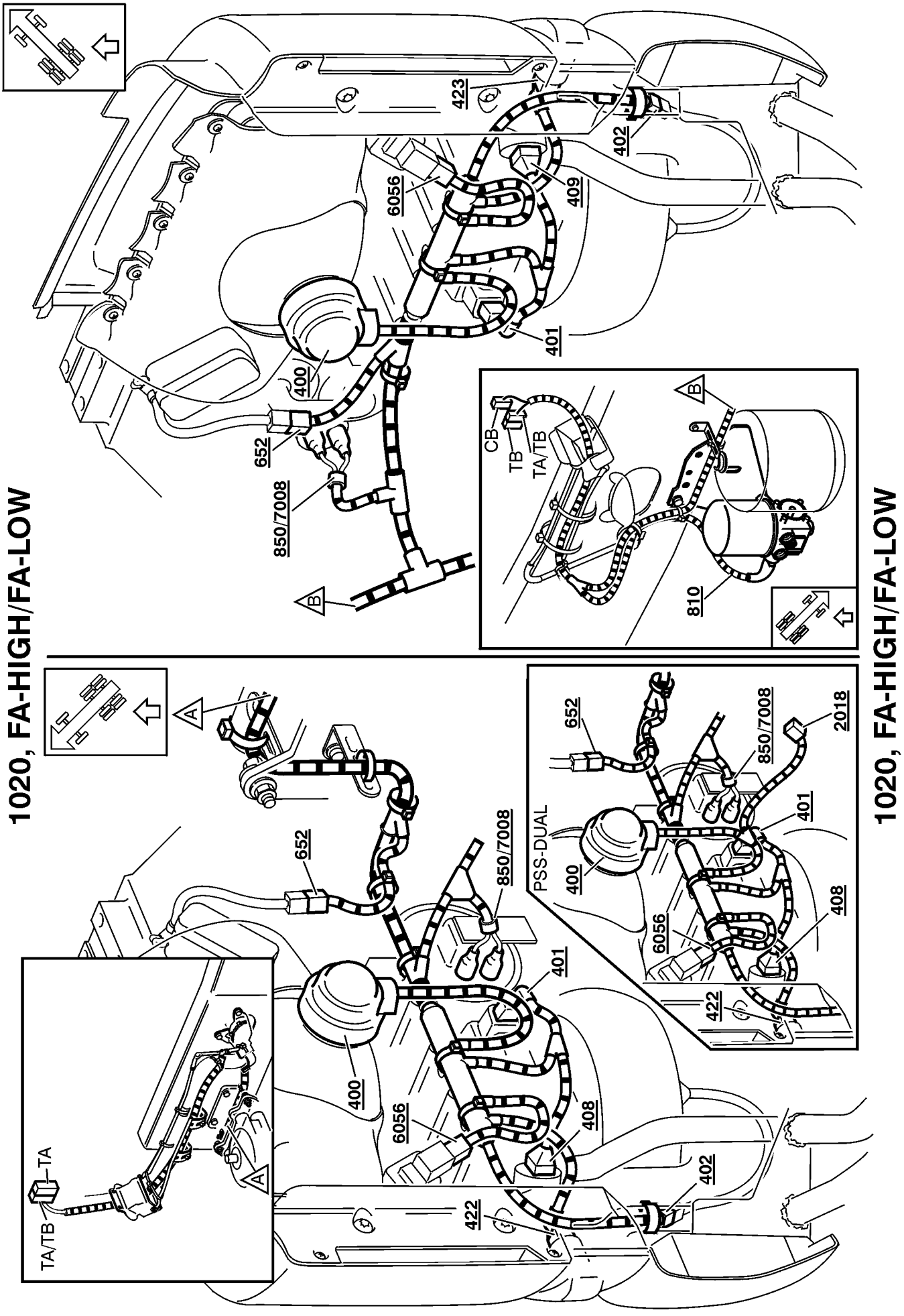
T3011471


1007, L2H1/L2H2
CLC-1000
CJ-1017
CLA-1000
CLB-1000
BM-1072
CHA-1000
BJ1072R
8018R
901B
3018C
3018E
24W
3018D
3018B
3018A
901R
CM1017
YELLOW MARKING
1007
PHA1017
2004R
228R
7009
1101
2003
BJ1072L
8018L
9026R
7009/2
404
228L
4057
2004L
1007, L2H1/L2H2

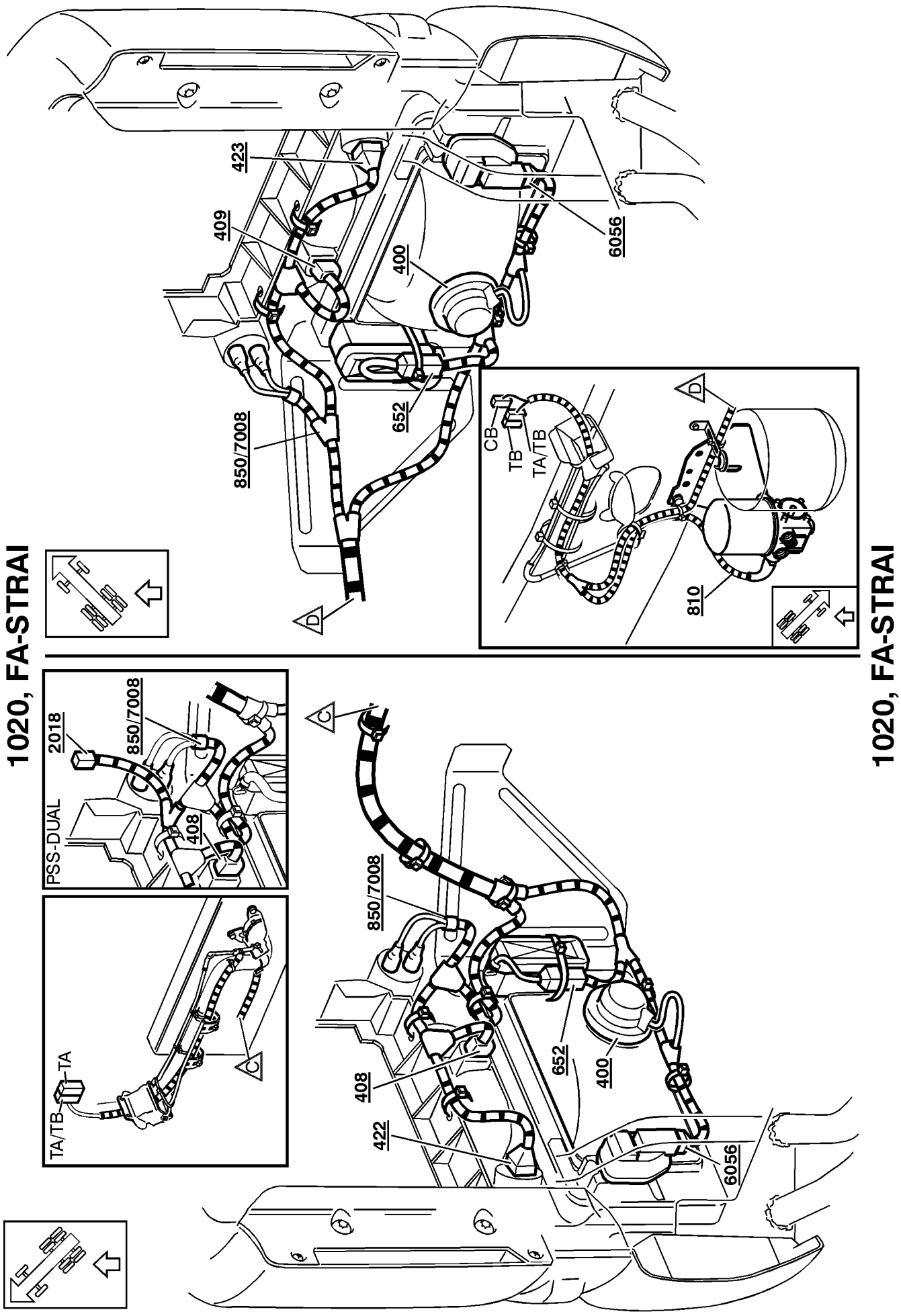
T3011472

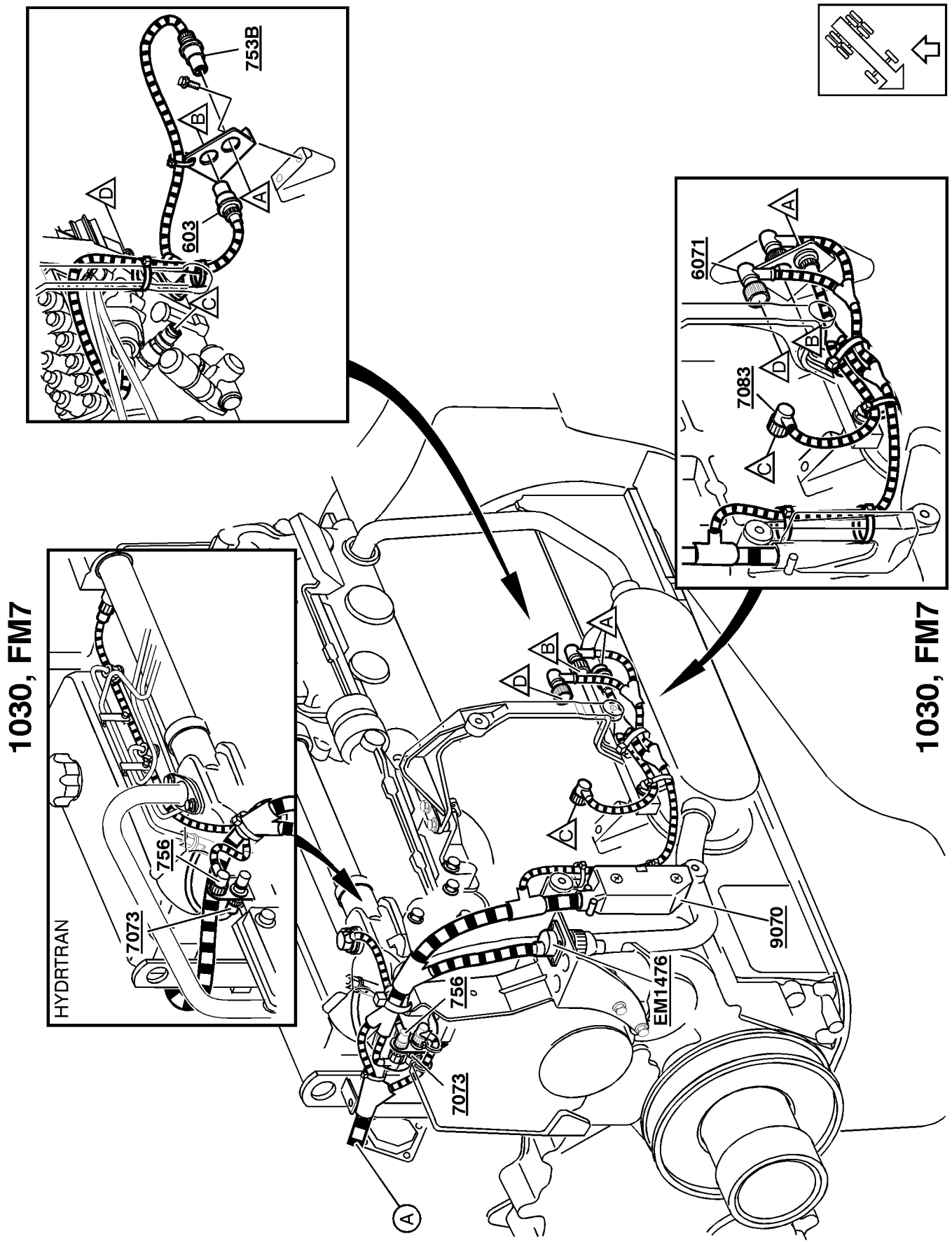

1017, PH-CAB, USLCP
1017, PH-CAB, USLCP
1000
CHA1000
1007
CHA1017
CJ1017
1007
1017
7009
2003
1007
7009
2003
L1H1
YELLOW MARKING
PHA1017
CM1017
1007
L2HI/L2H2
YELLOW MARKING
1007
CM1017
PHA1017

T3009698

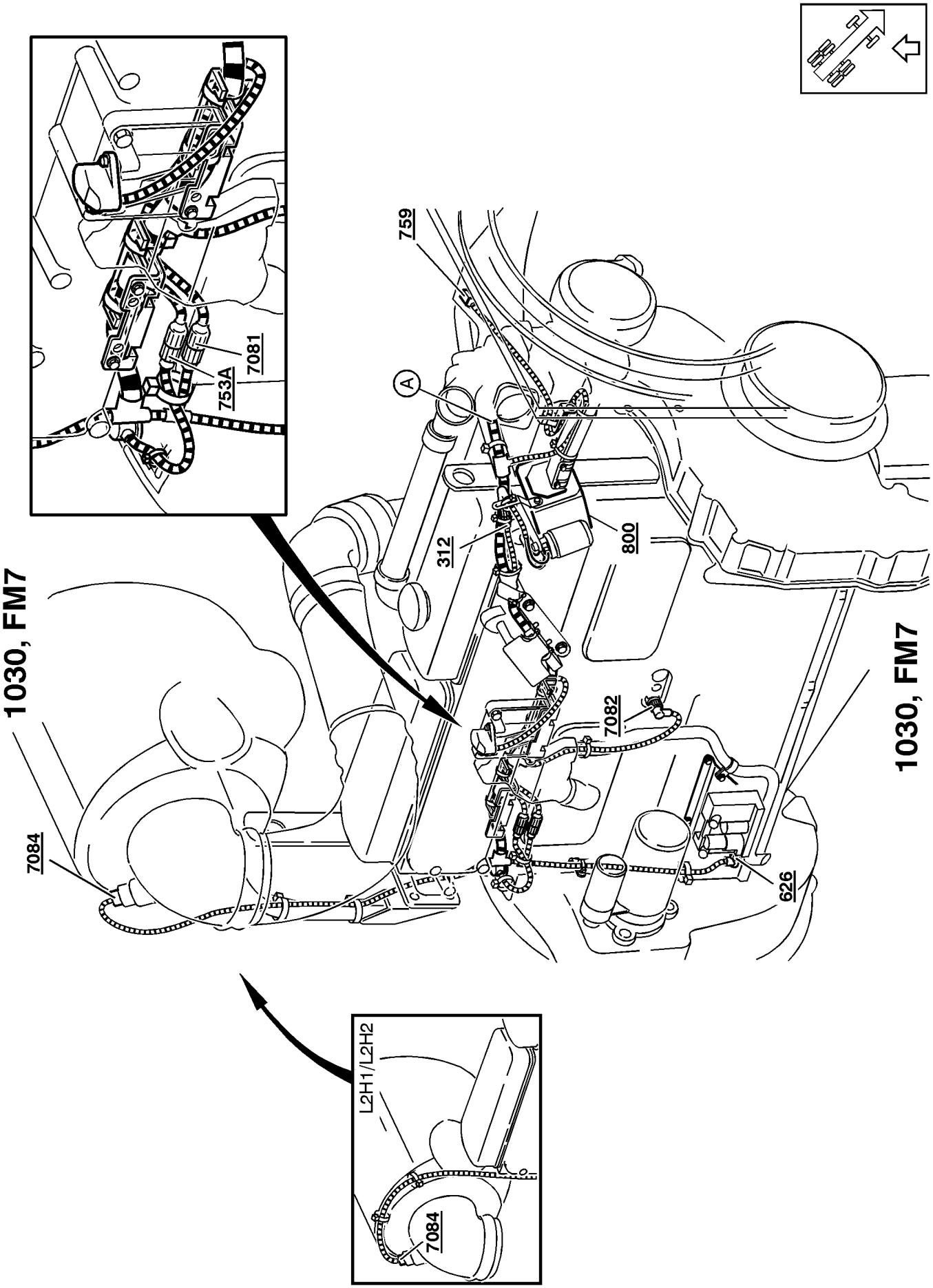

1020, FA-HIGH/FA-LOW
1020, FA-HIGH/FA-LOW
423
402
6056
409
401
400
652
850/7008
B
CB
TB
TA/TB
B
810
A
652
850/7008
401
400
6056
408
422
402
TA/TB
TA
A
PSS-DUAL
652
850/7008
2018
401
400
6056
408
422

T3011521


1020, FA-STRAI
423
409
400
6056
850/7008
652
D
CB
TB
TA/TB
D
810
PSS-DUAL
2018
850/7008
408
TA/TB
TA
C
C
850/7008
408
652
400
422
6056
1020, FA-STRAI


753B
603
6071
7083
1030, FM7
1030, FM7
HYDRTRAN
756
7073
756
7073
EM1476
9070

T3009682


1030, FM7
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753A
7081
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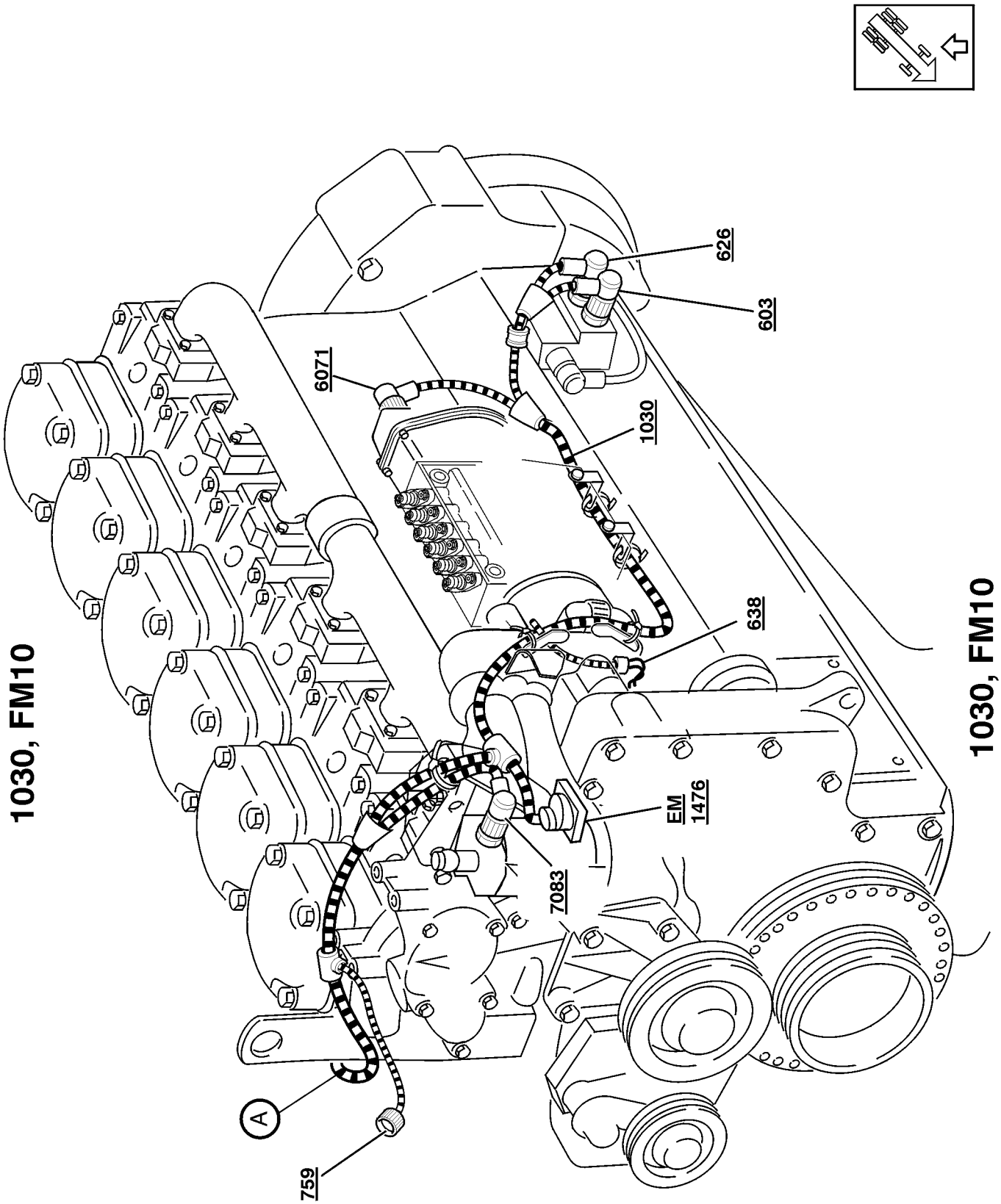
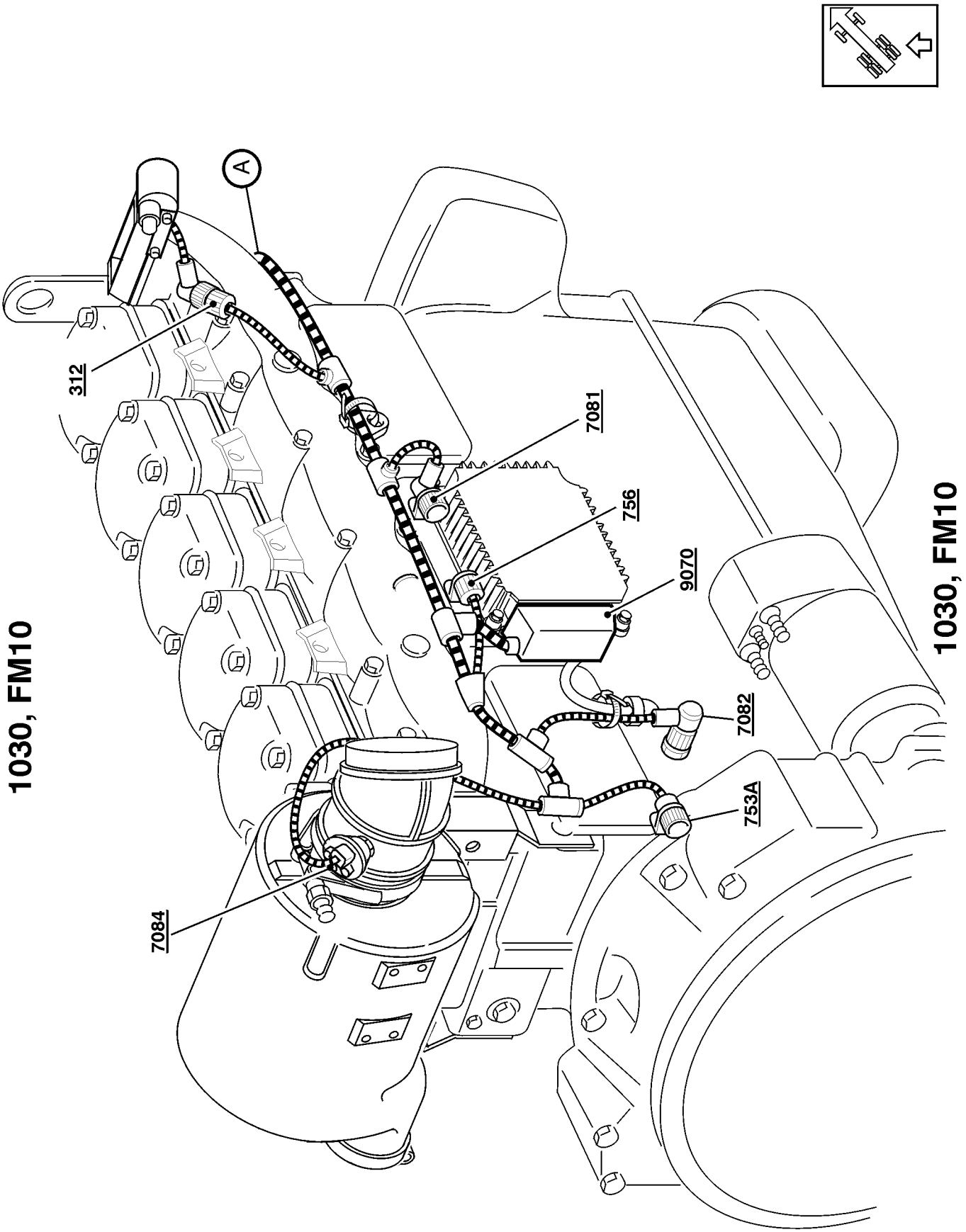
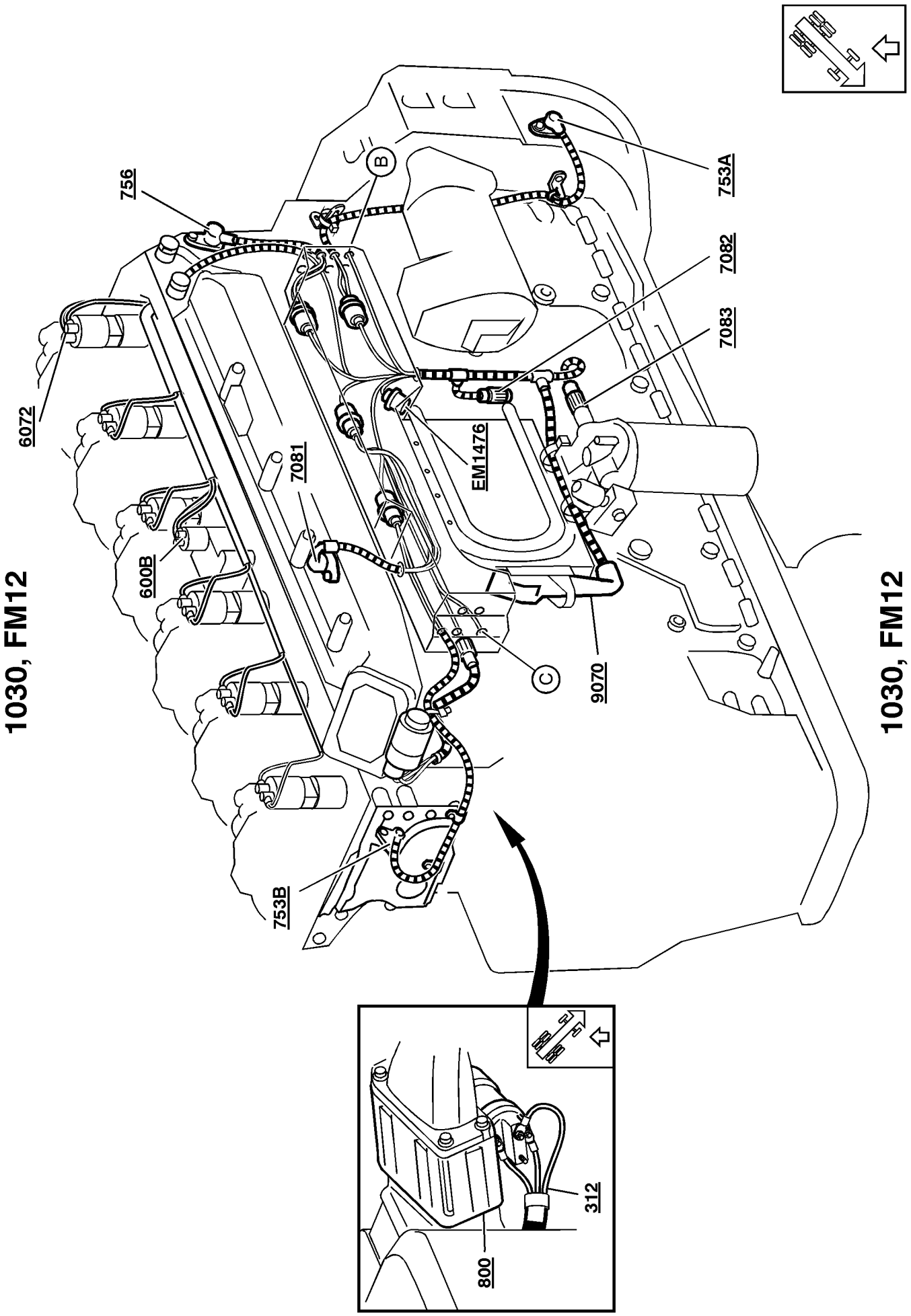
800
7082
7084
626
L2H1/L2H2
7084
A

T3009683

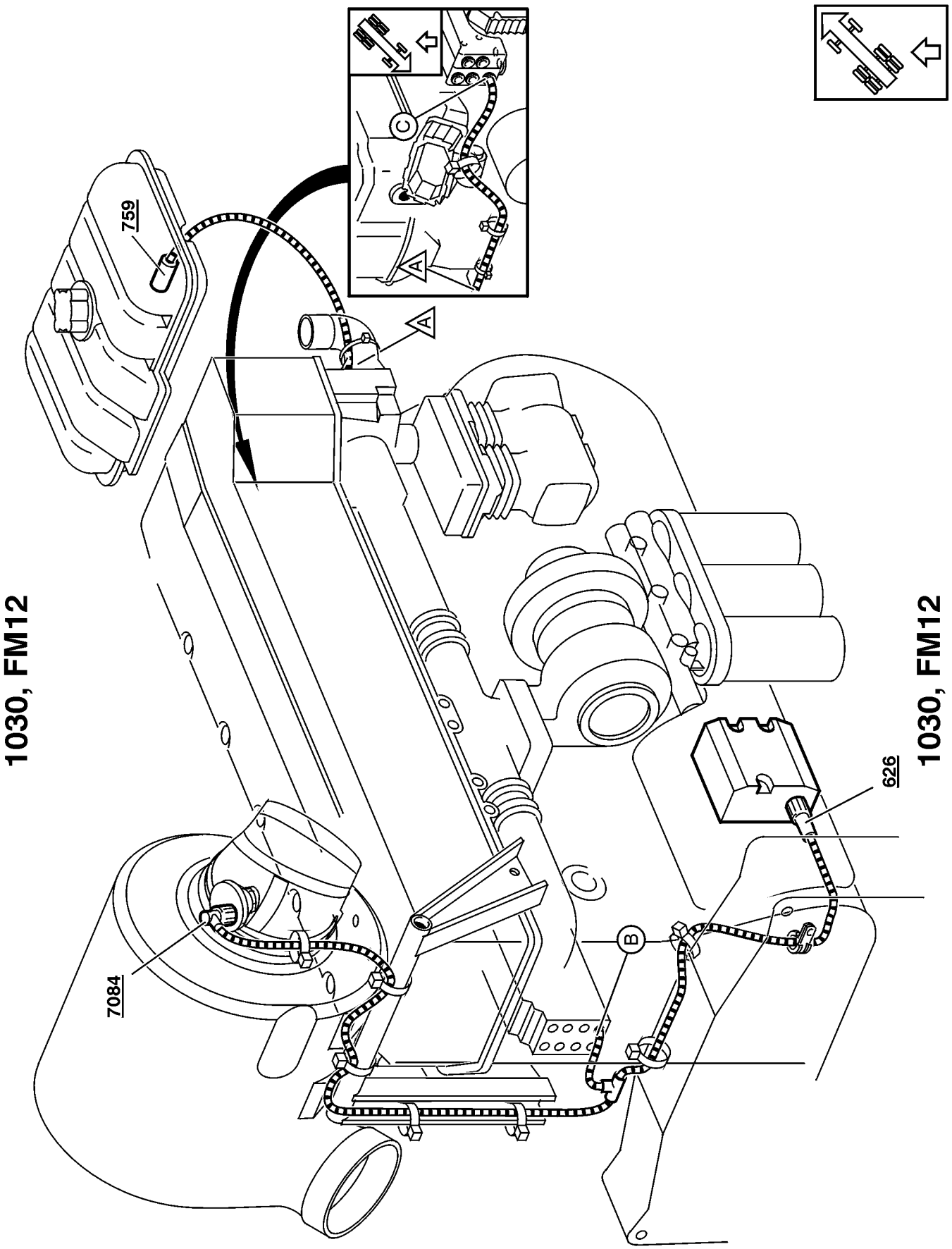


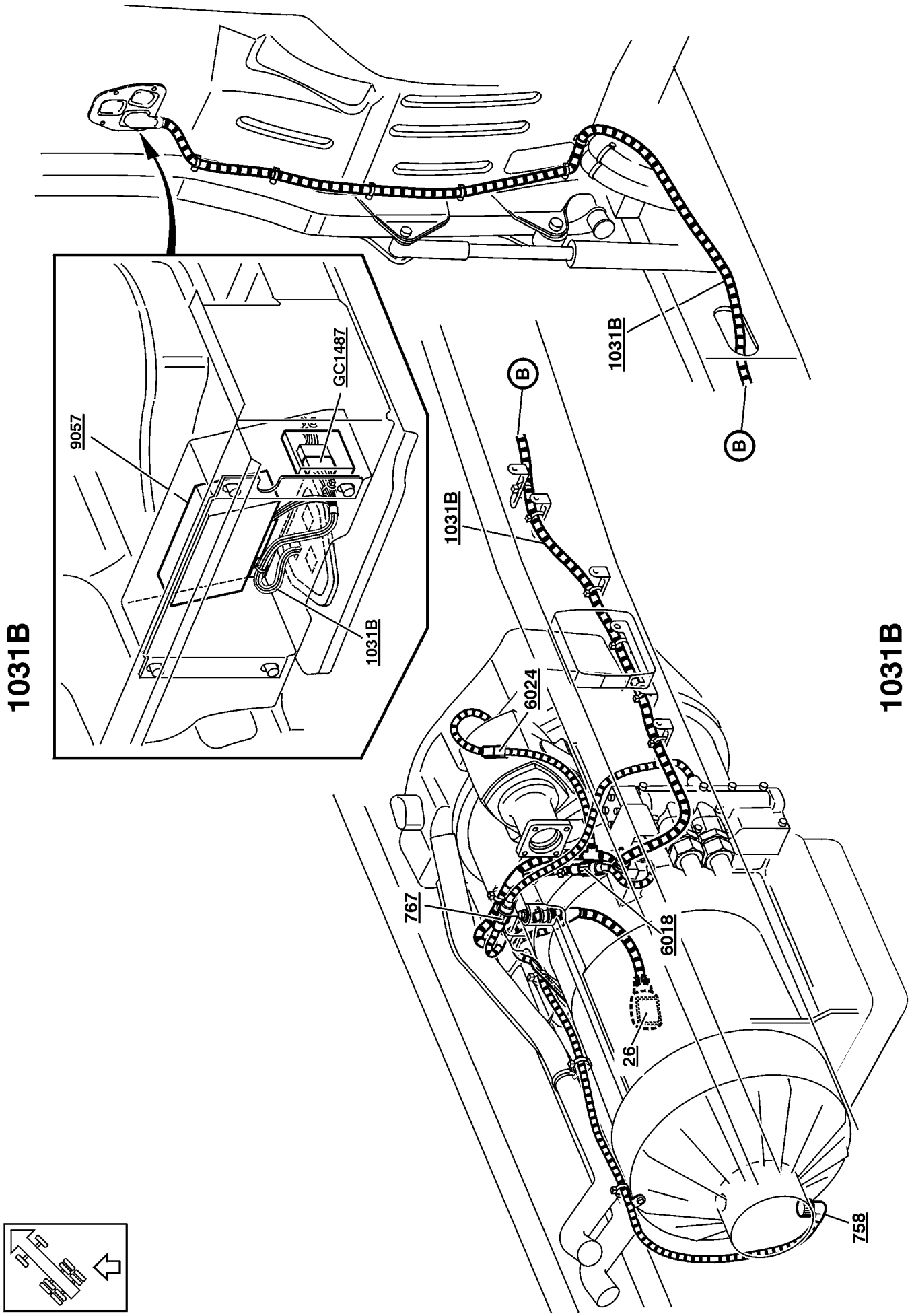
T3011474


1030, FM10
1030, FM10
A
312
7081
756
9070
7082
753A
7084

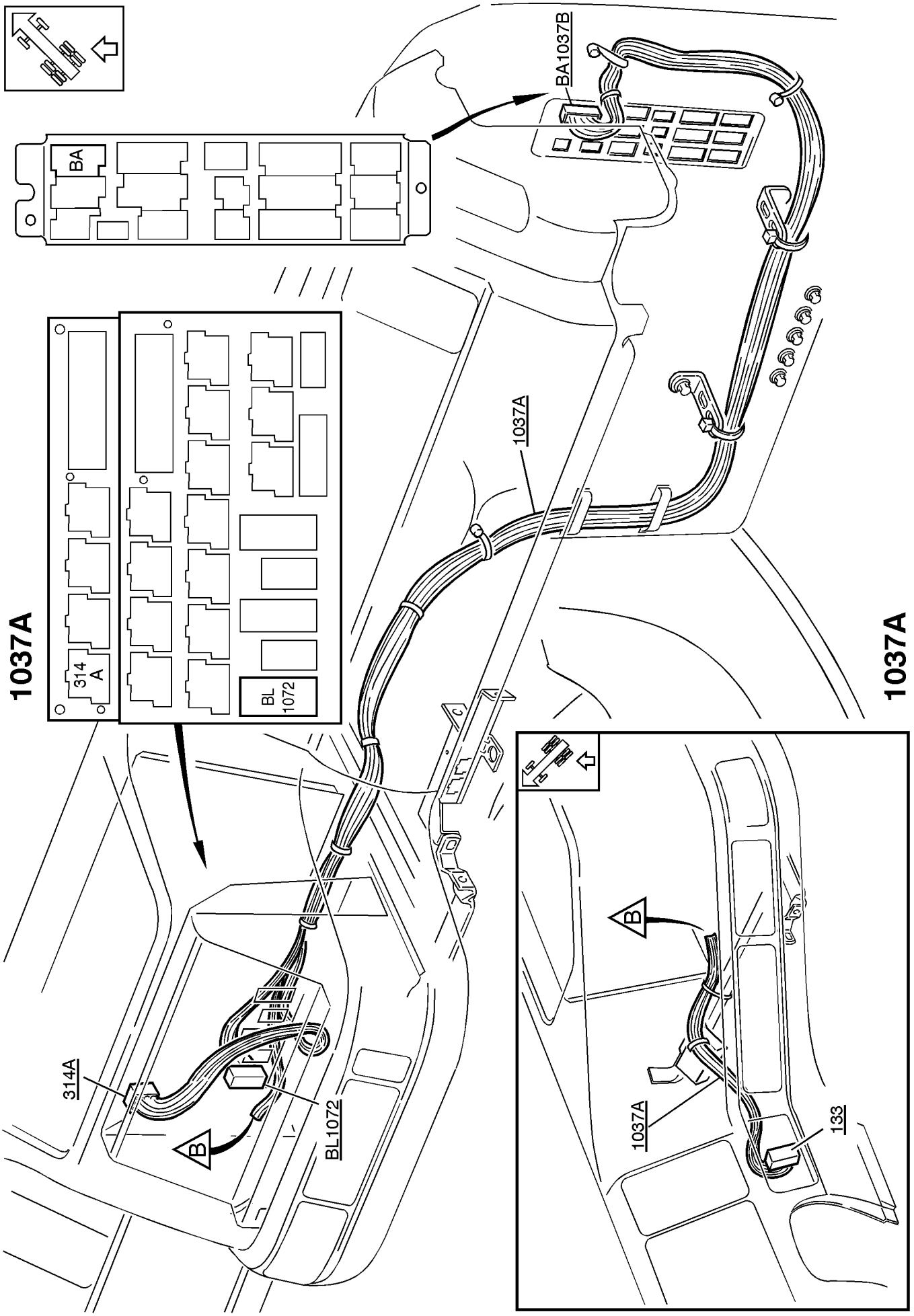

1030, FM12
1030, FM12
756
753A
7082
7083
6072
7081
EM1476
600B
9070
753B
312
800
B
C

T3009680

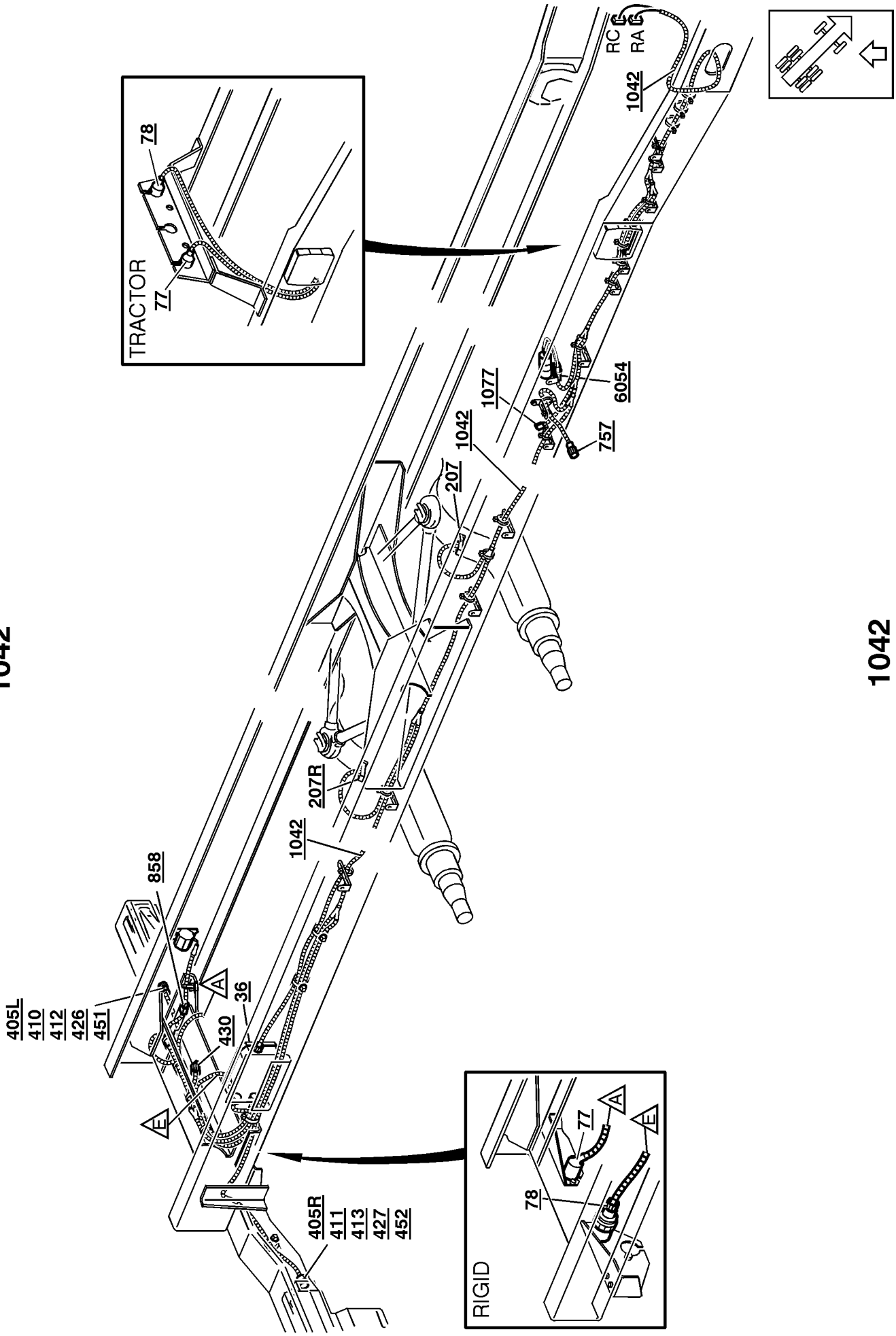

1030, FM12
1030, FM12
759
7084
626
A
B
C


1031B
9057
GC1487
1031B
1031B
B
B
1031B
6024
767
6018
26
758
1031B

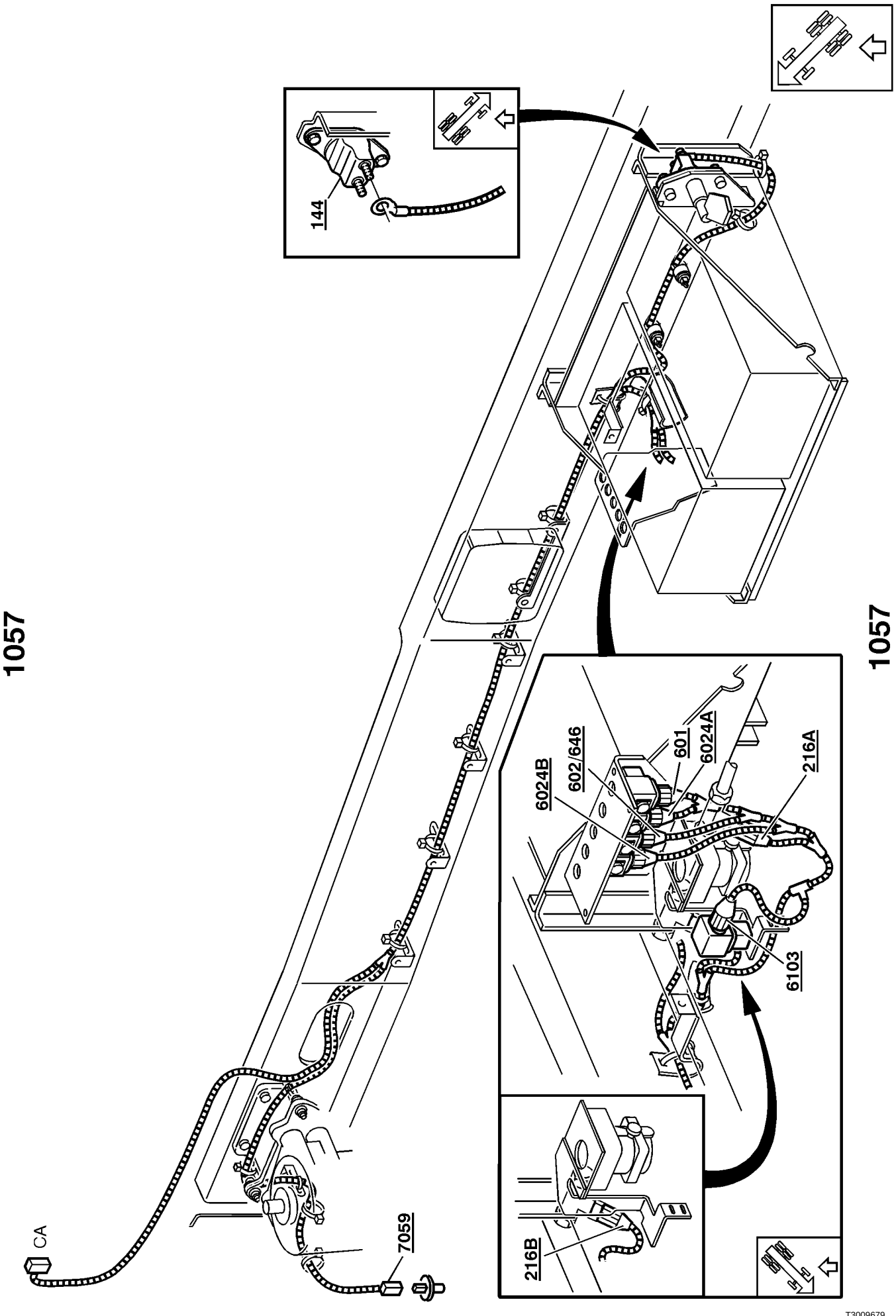
T3011476



T3011477


1042
1042
TRACTOR
78
77
RIGID
78
77
A
E
RC
RA
1042
1077
6054
757
1042
207
207R
1042
858
36
430
405L
410
412
426
451
405R
411
413
427
452

T3009671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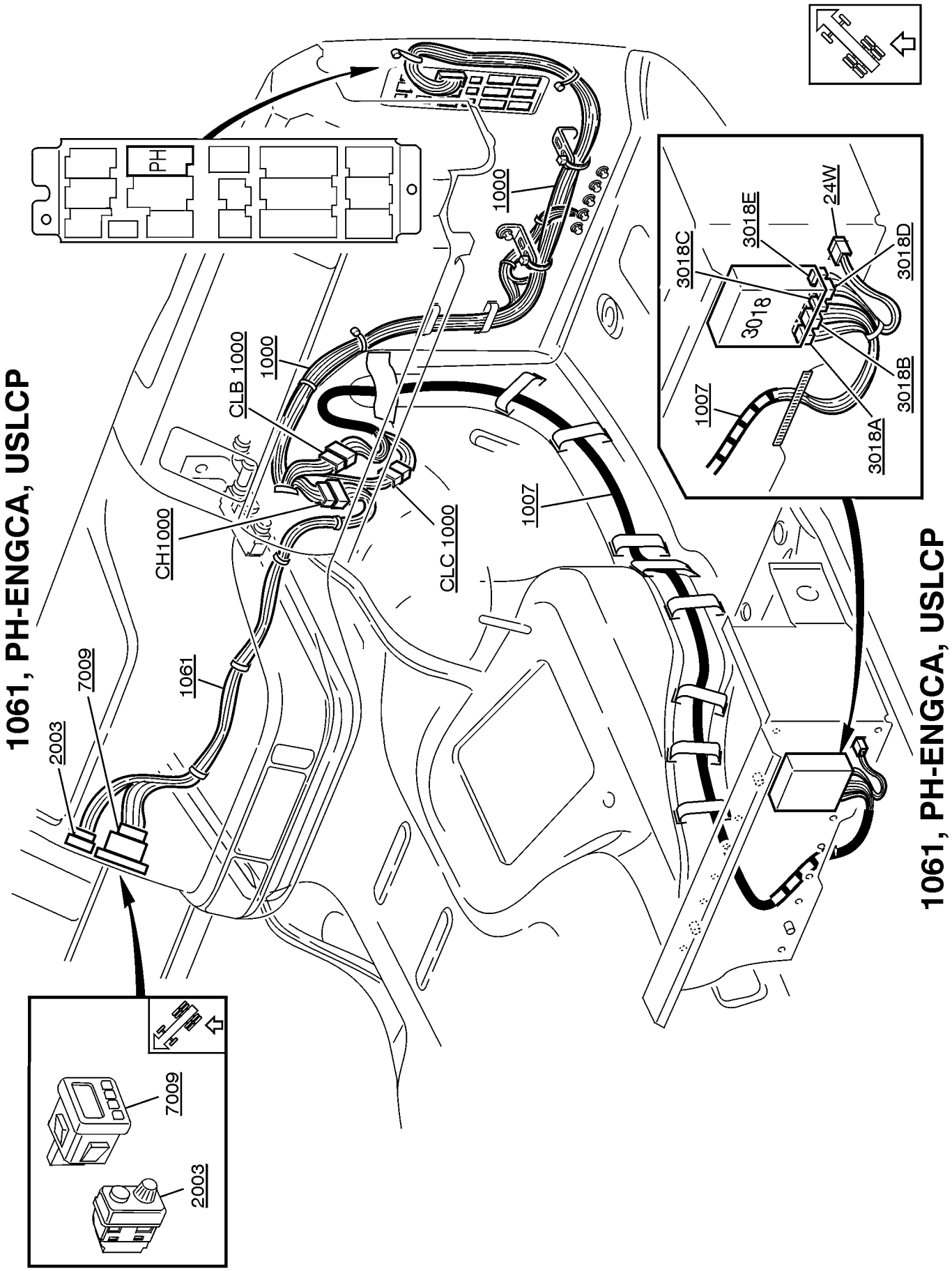
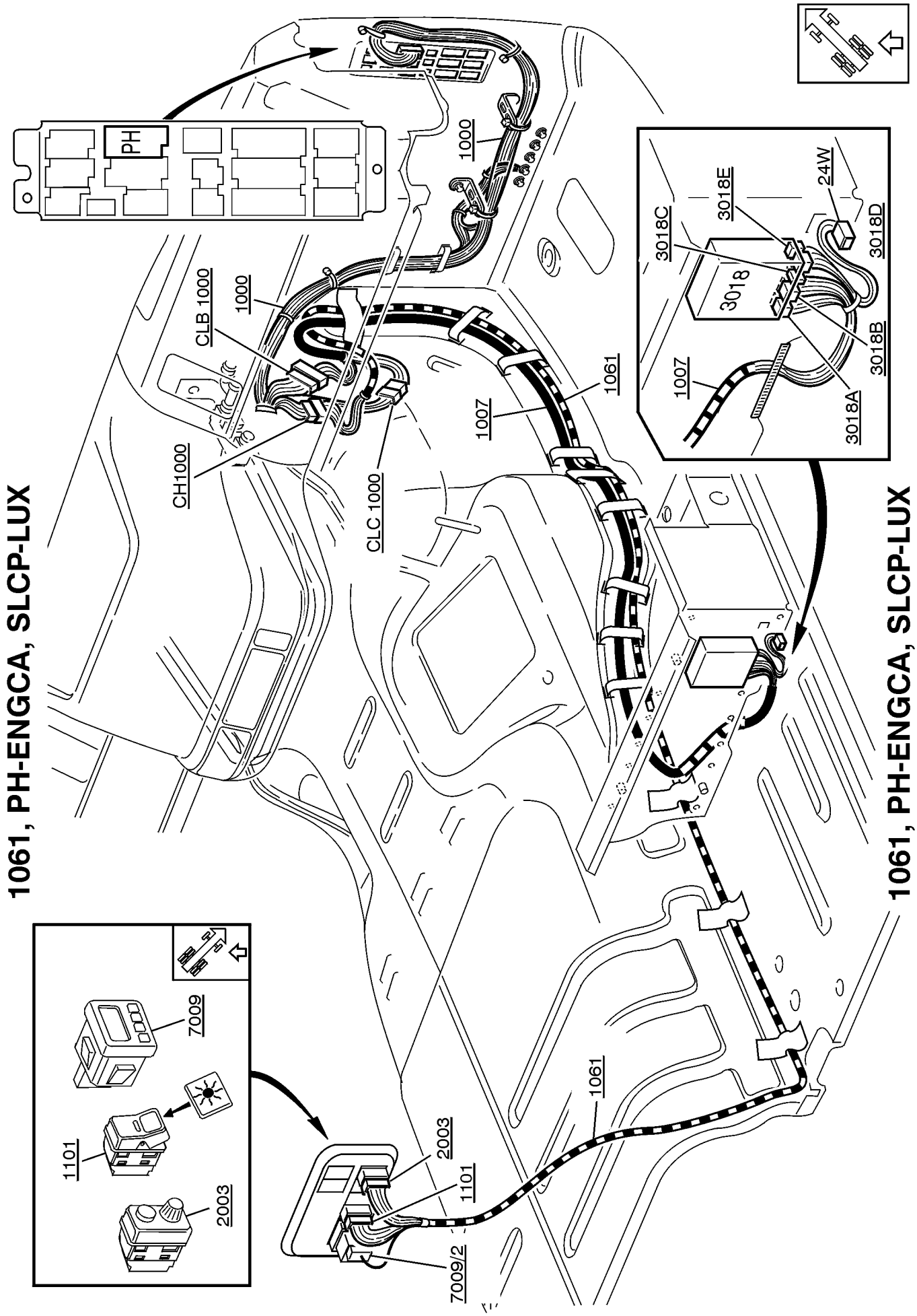
1057
144
6024B
602/646
601
6024A
216A
6103
216B
7059
CA
T3009679


1061, PH-ENGCA, USLCP
PH
1000
CLB 1000
1000
CH1000
CLC 1000
1007
1061
7009
2003
3018C
3018E
24W
3018D
3018
3018B
3018A
1007
7009
2003
1061, PH-ENGCA, USLCP

T3011478


1061, PH-ENGCA, SLCP-LUX
1061, PH-ENGCA, SLCP-LUX
PH
1000
CLB 1000
1000
CH1000
CLC 1000
1007
1061
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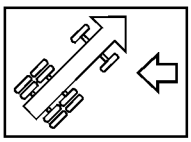
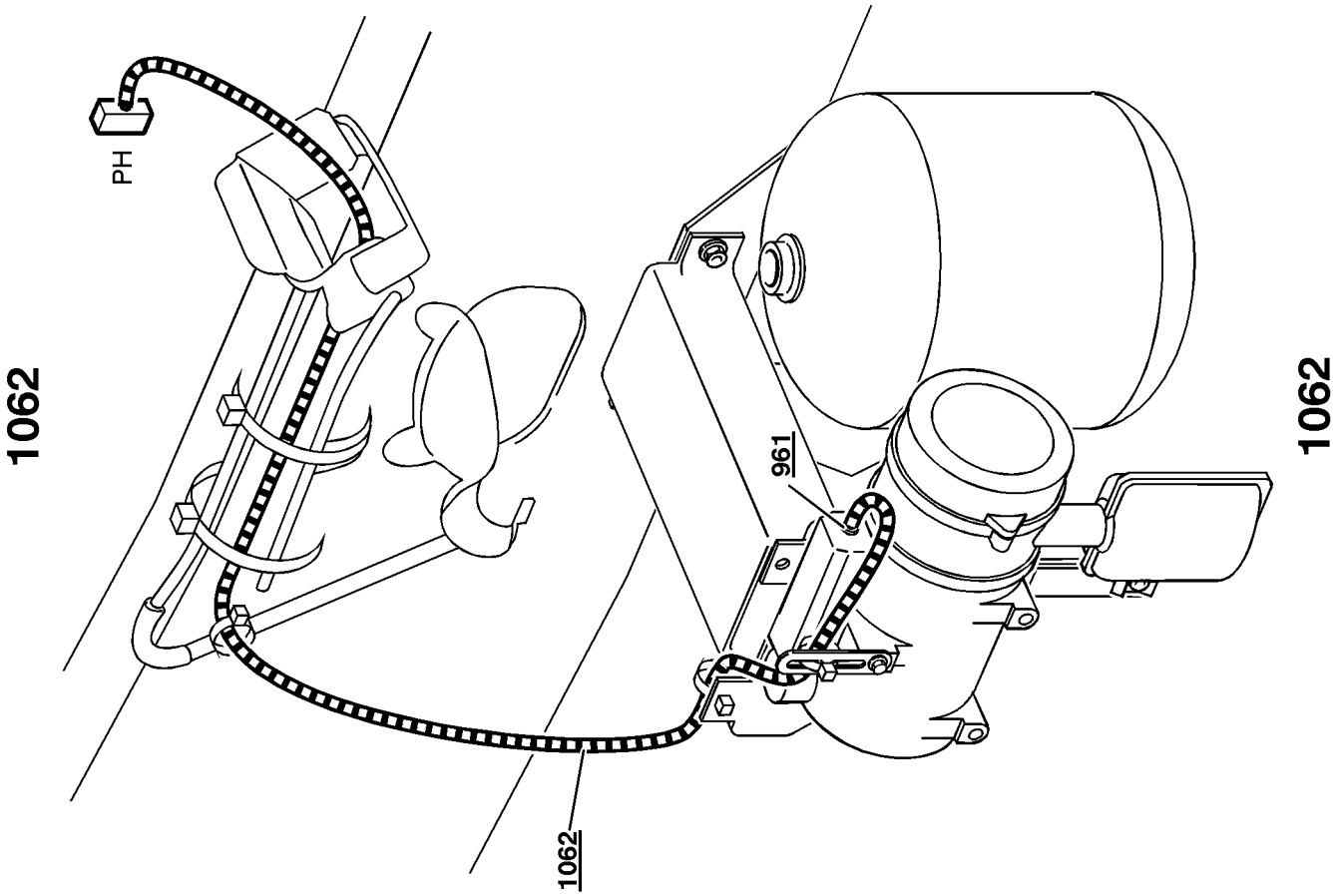
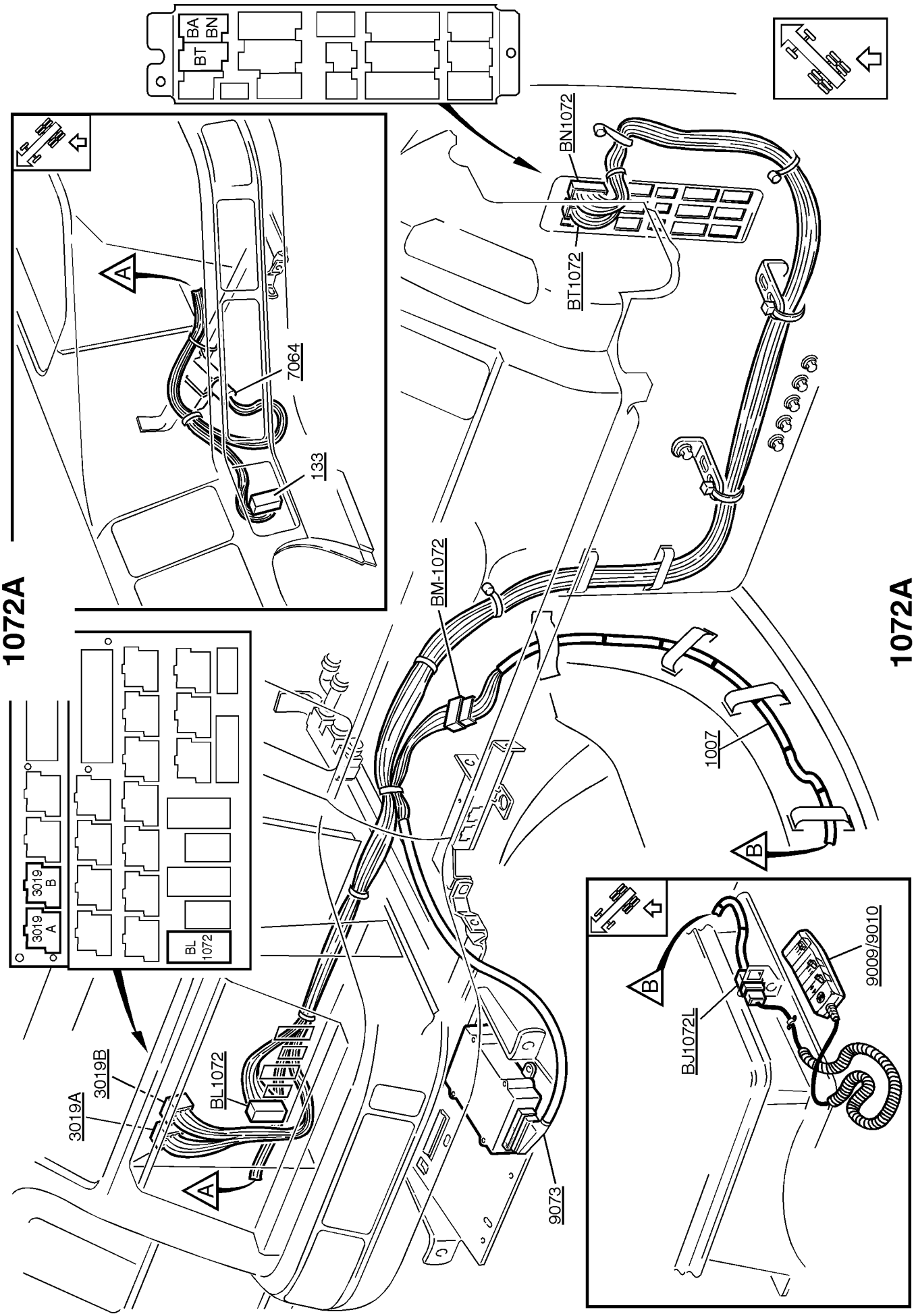
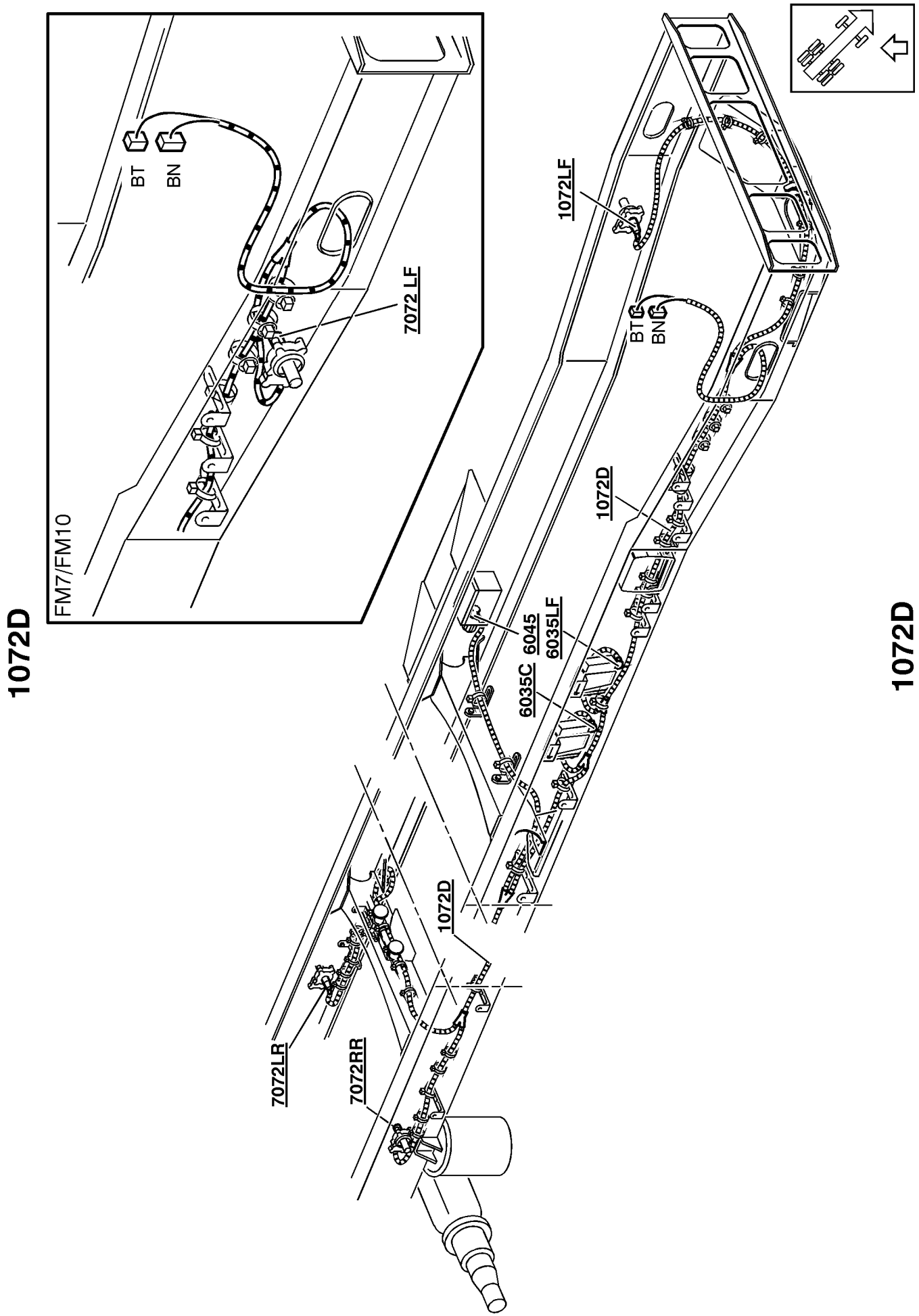
1101
1061
7009/2

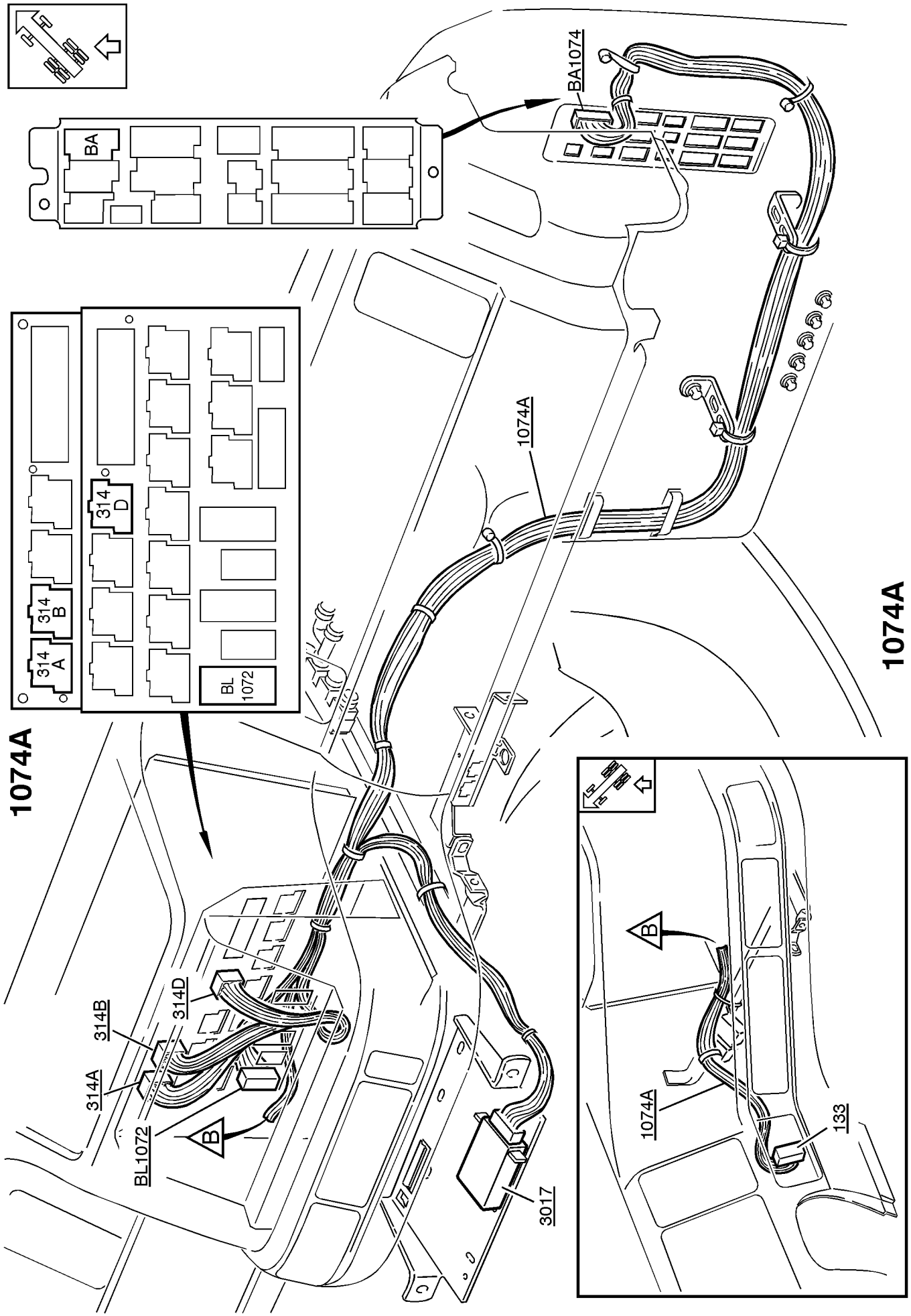




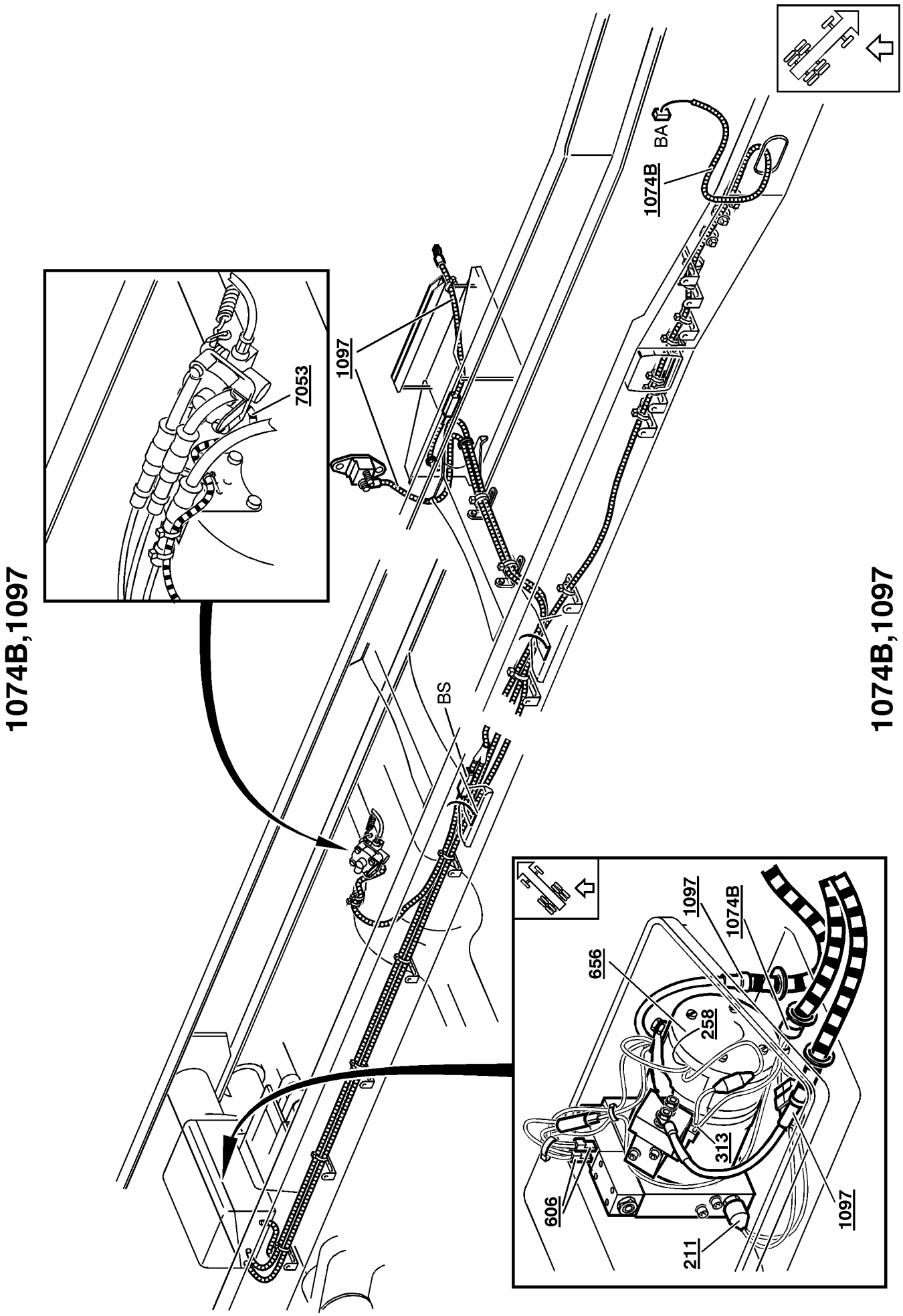
T3009667


1072A
BA
BN
BT
BN1072
BT1072
7064
133
BM-1072
1007
3019A
3019B
BL1072
9073
BJ1072L
9009/9010
1072A

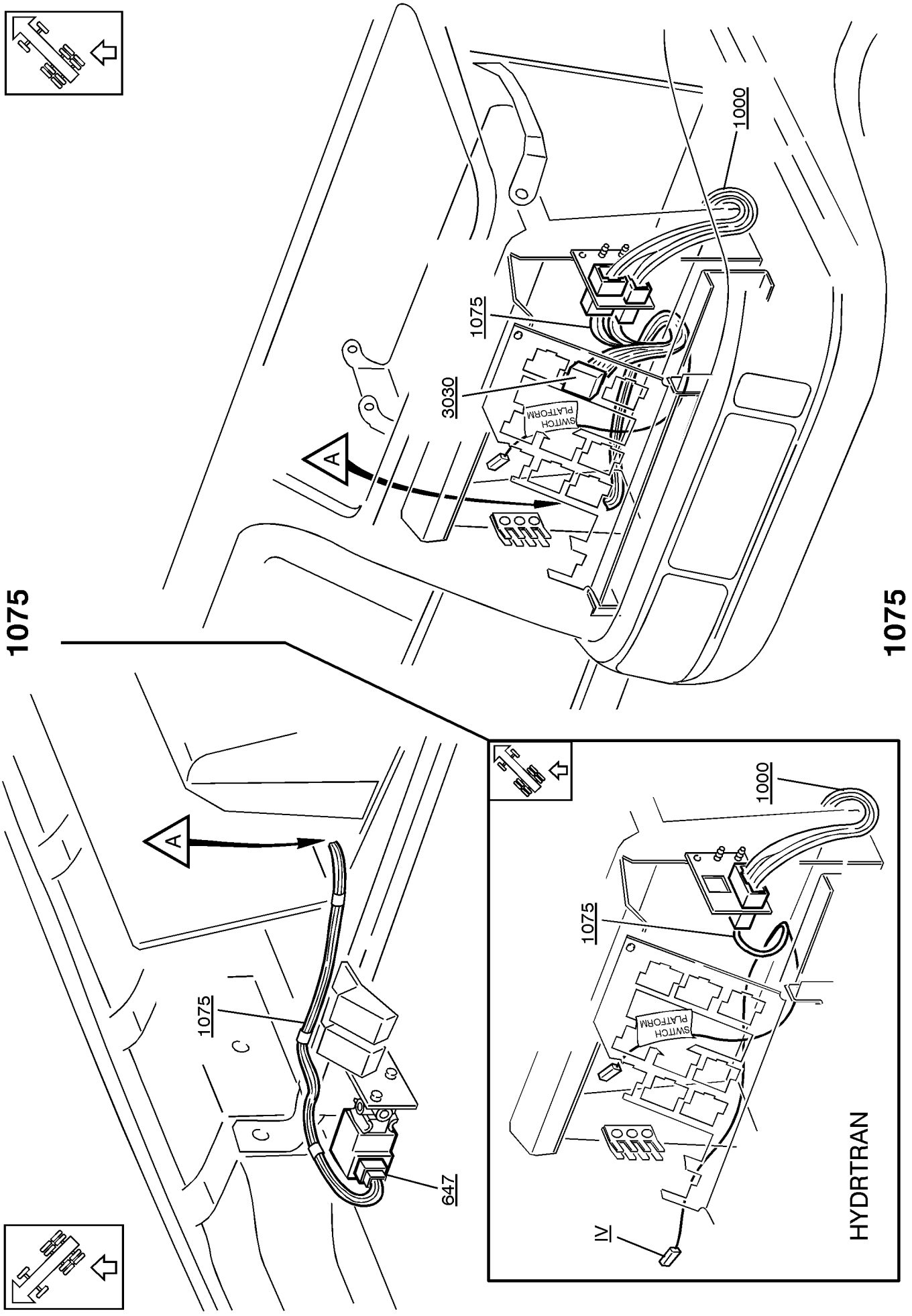

1072D
FM7/FM10
BT
BN
7072 LF
1072LF
BT
BN
1072D
6035C
6045
6035LF
1072D
7072LR
7072RR
1072D
T3011481


BA
BA1074
314 A
314 B
314 D
BL 1072
1074A
1074A
1074A
314B
314D
314A
BL1072
B
3017
B
1074A
133

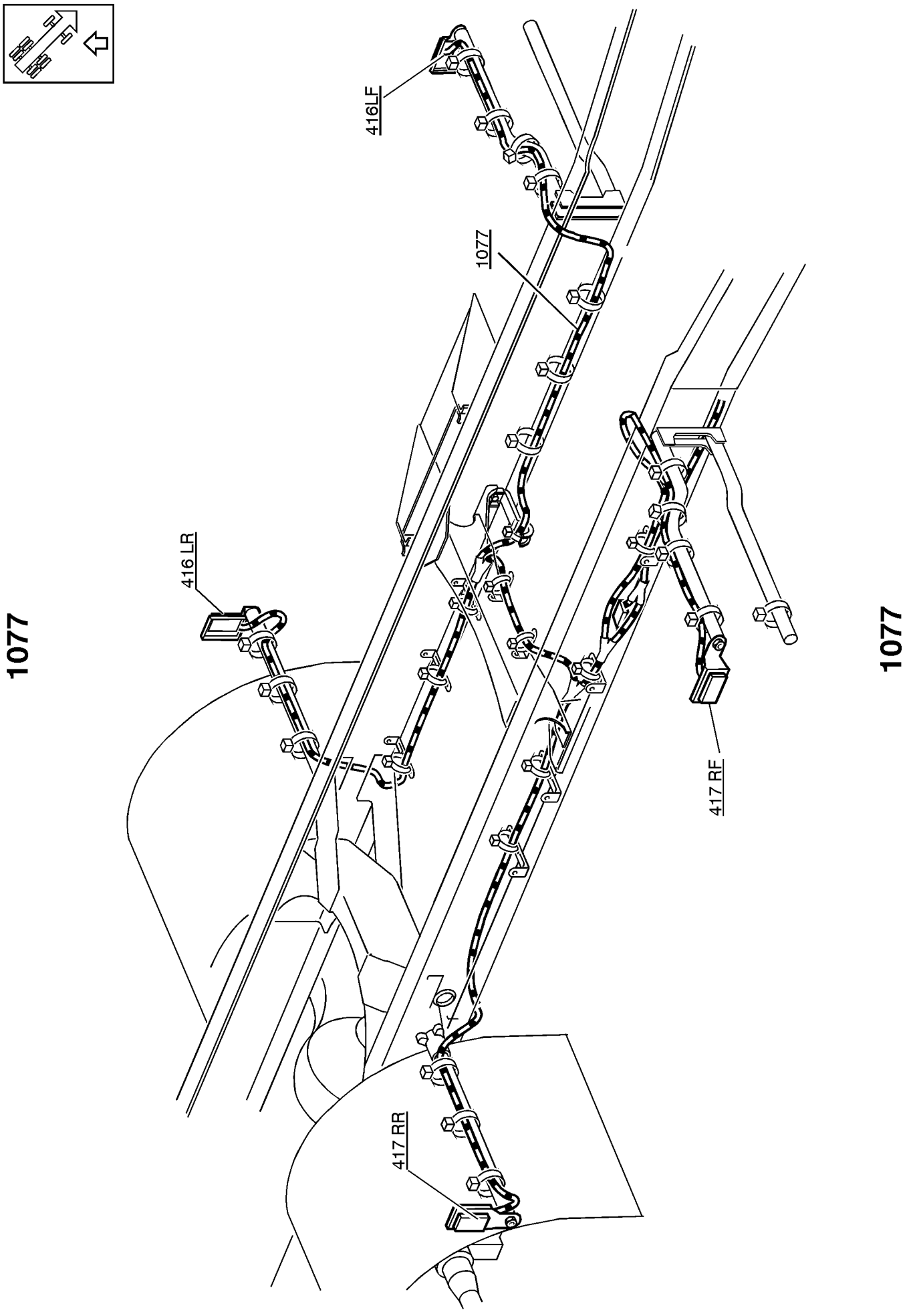
T3011482


1074B,1097
7053
1097
1074B
BA
BS
656
258
313
606
211
1097
1074B,1097

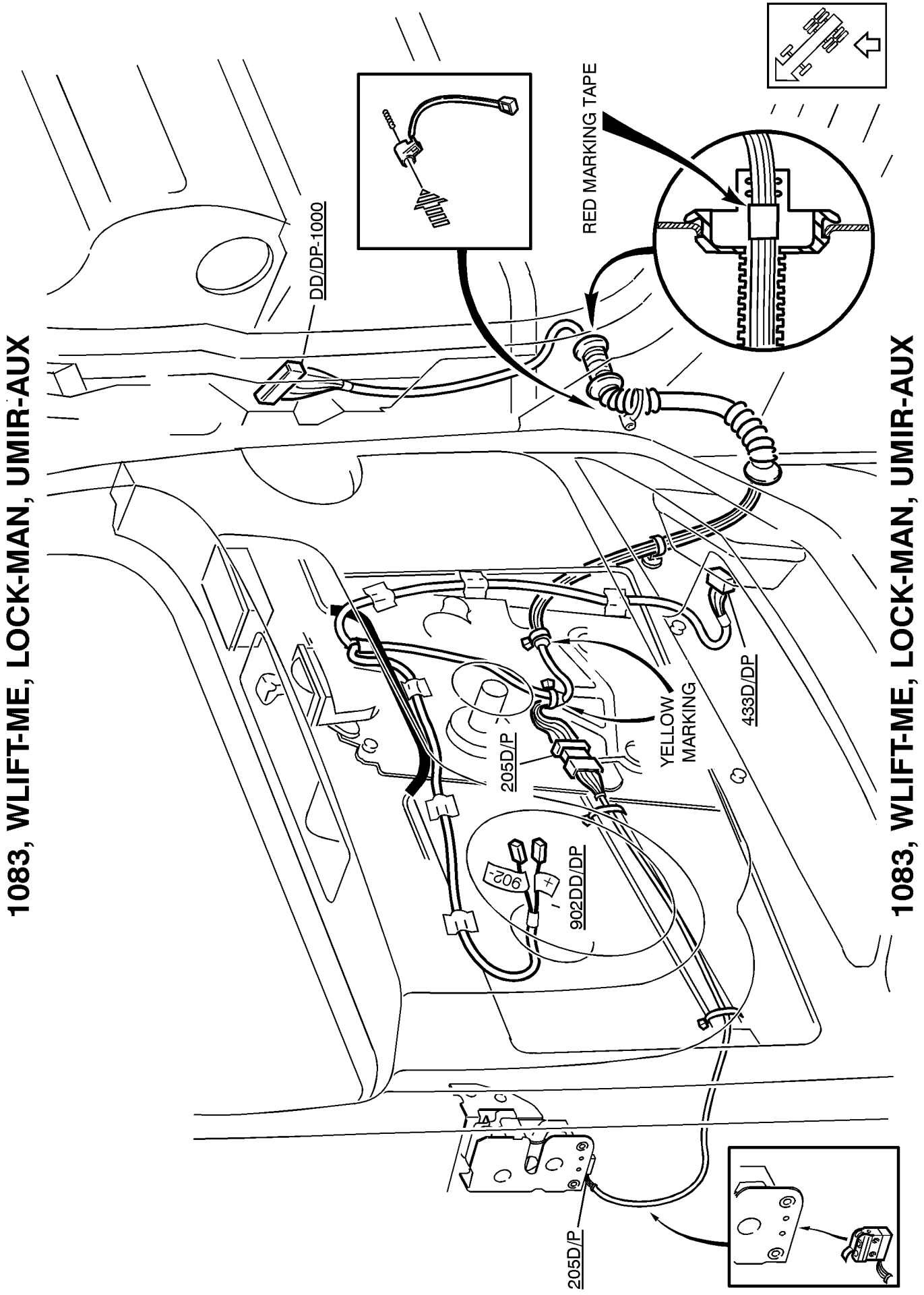
T3010063


1075
1000
1075
3030
SWITCH PLATFORM
A
1075
1000
1075
SWITCH PLATFORM
IV
HYDRTRAN
A
1075
C
C
647

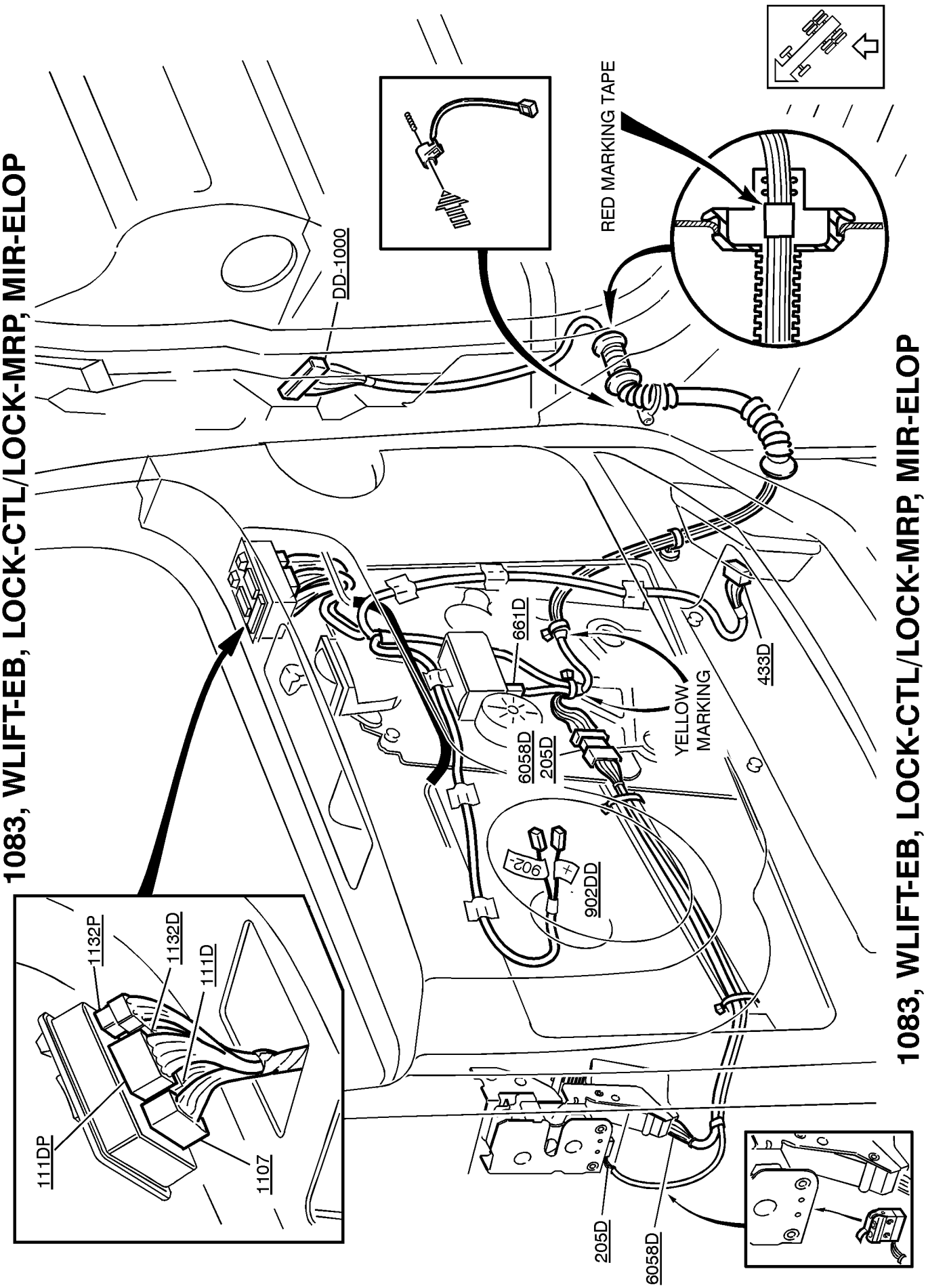
T3011483



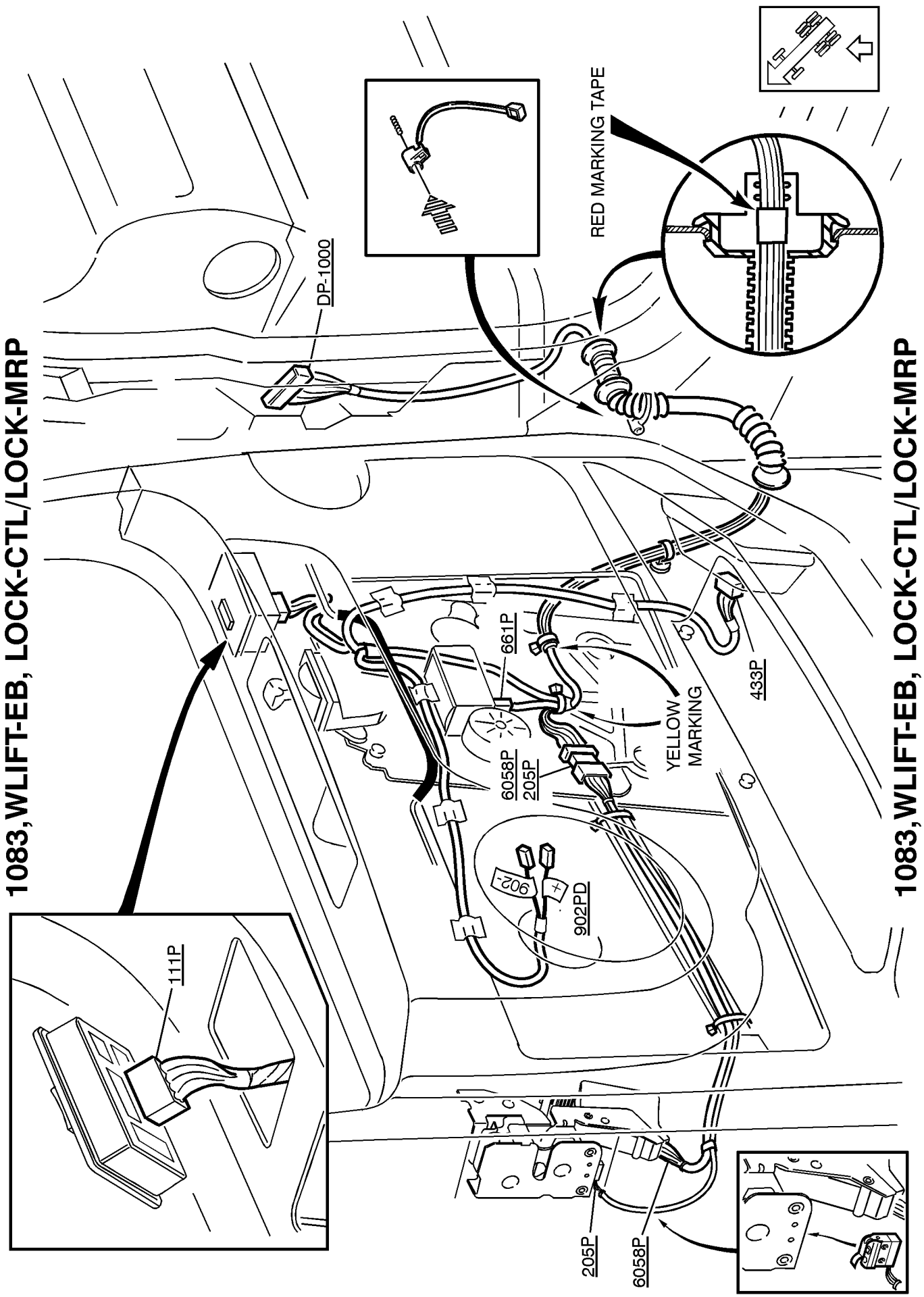
T3011484

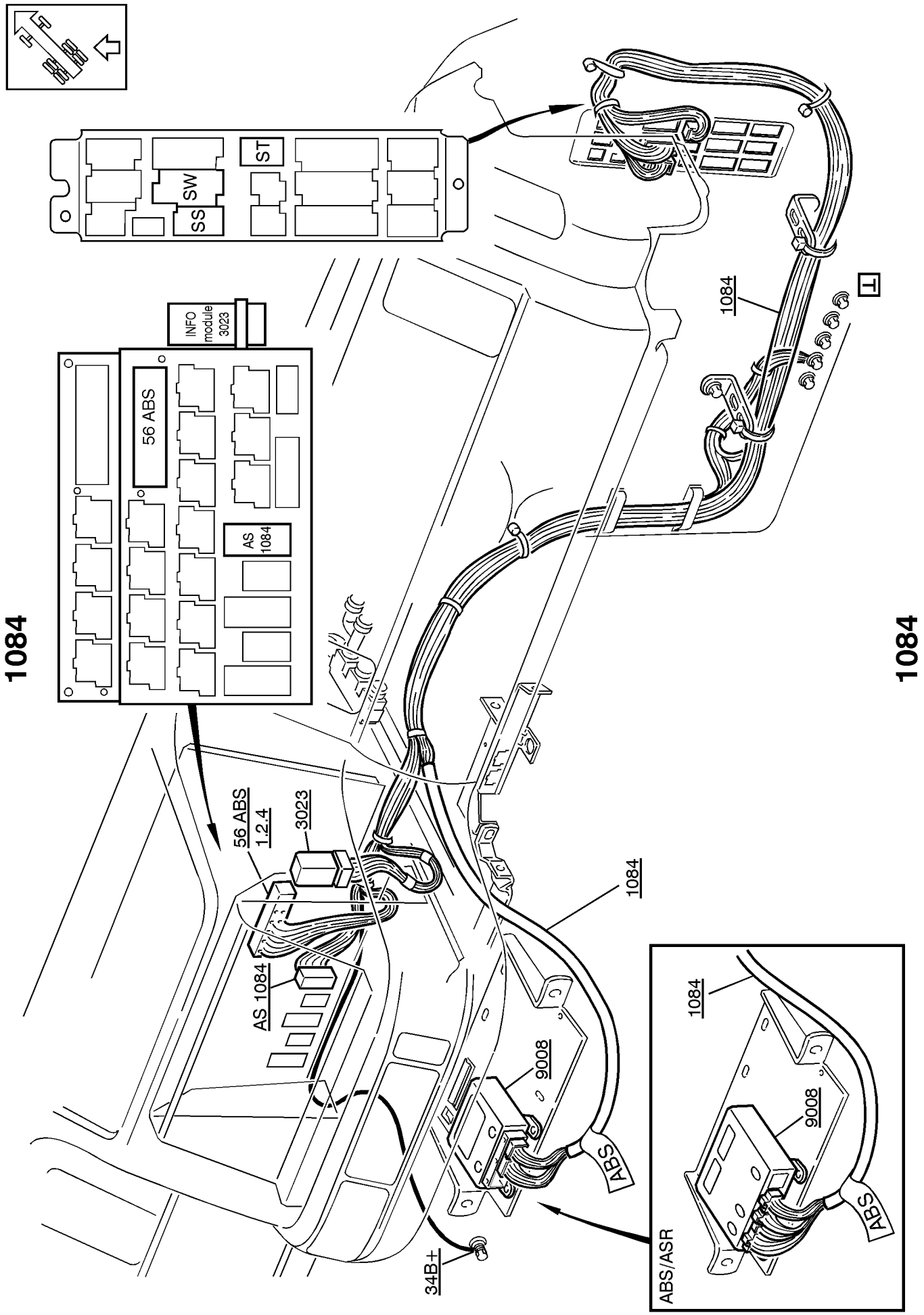

1083, WLIFT-ME, LOCK-MAN, UMIR-AUX
DD/DP-1000
RED MARKING TAPE
205D/P
YELLOW MARKING
433D/DP
902DD/DP
-902-
+
205D/P
1083, WLIFT-ME, LOCK-MAN, UMIR-AUX

T3009705

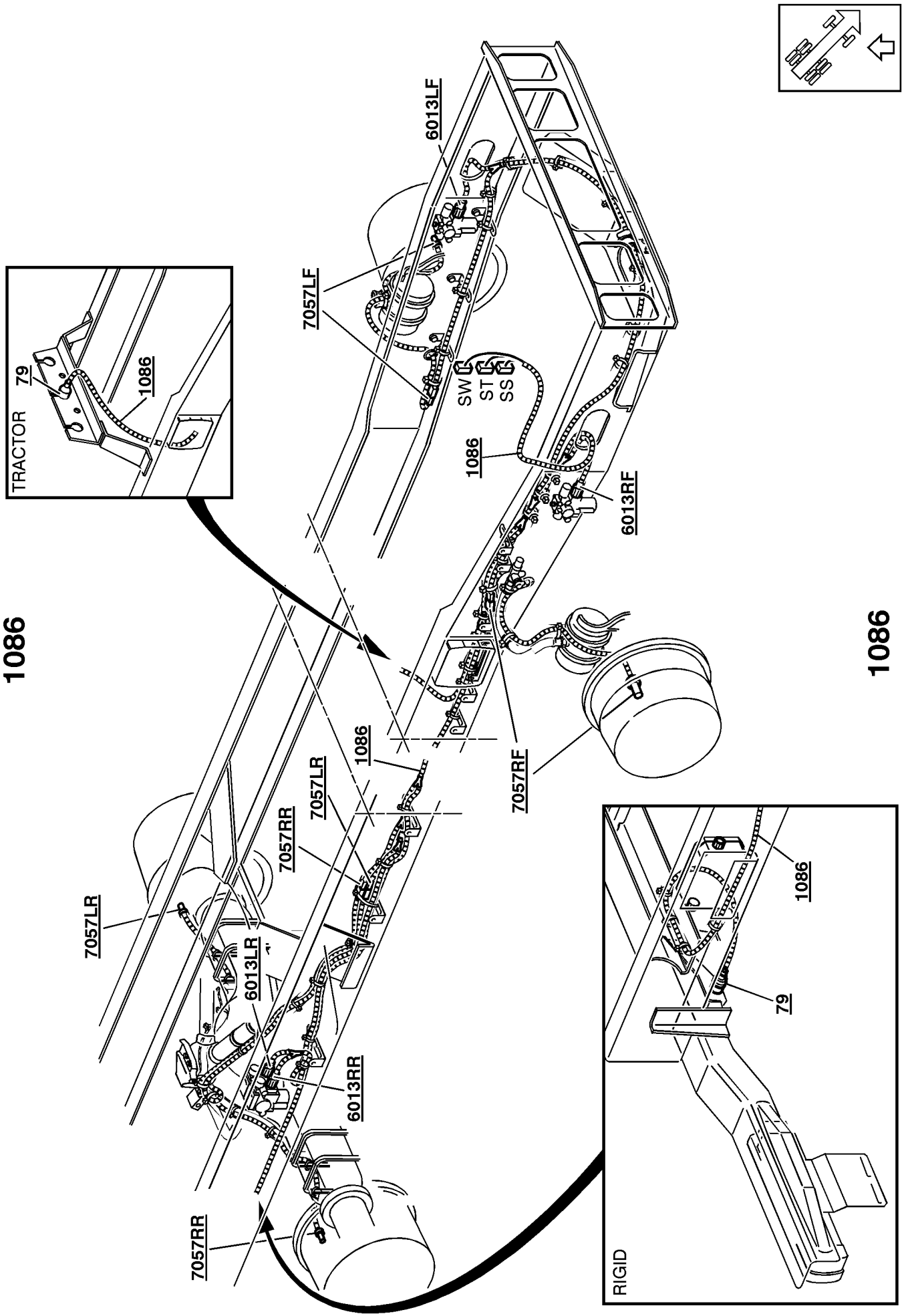

1083, WLIFT-EB, LOCK-CTL/LOCK-MRP, MIR-ELOP
DD-1000
RED MARKING TAPE
661D
6058D
205D
YELLOW MARKING
433D
902DD
902-
902+
111DP
1107
1132P
1132D
111D
205D
6058D
1083, WLIFT-EB, LOCK-CTL/LOCK-MRP, MIR-ELOP

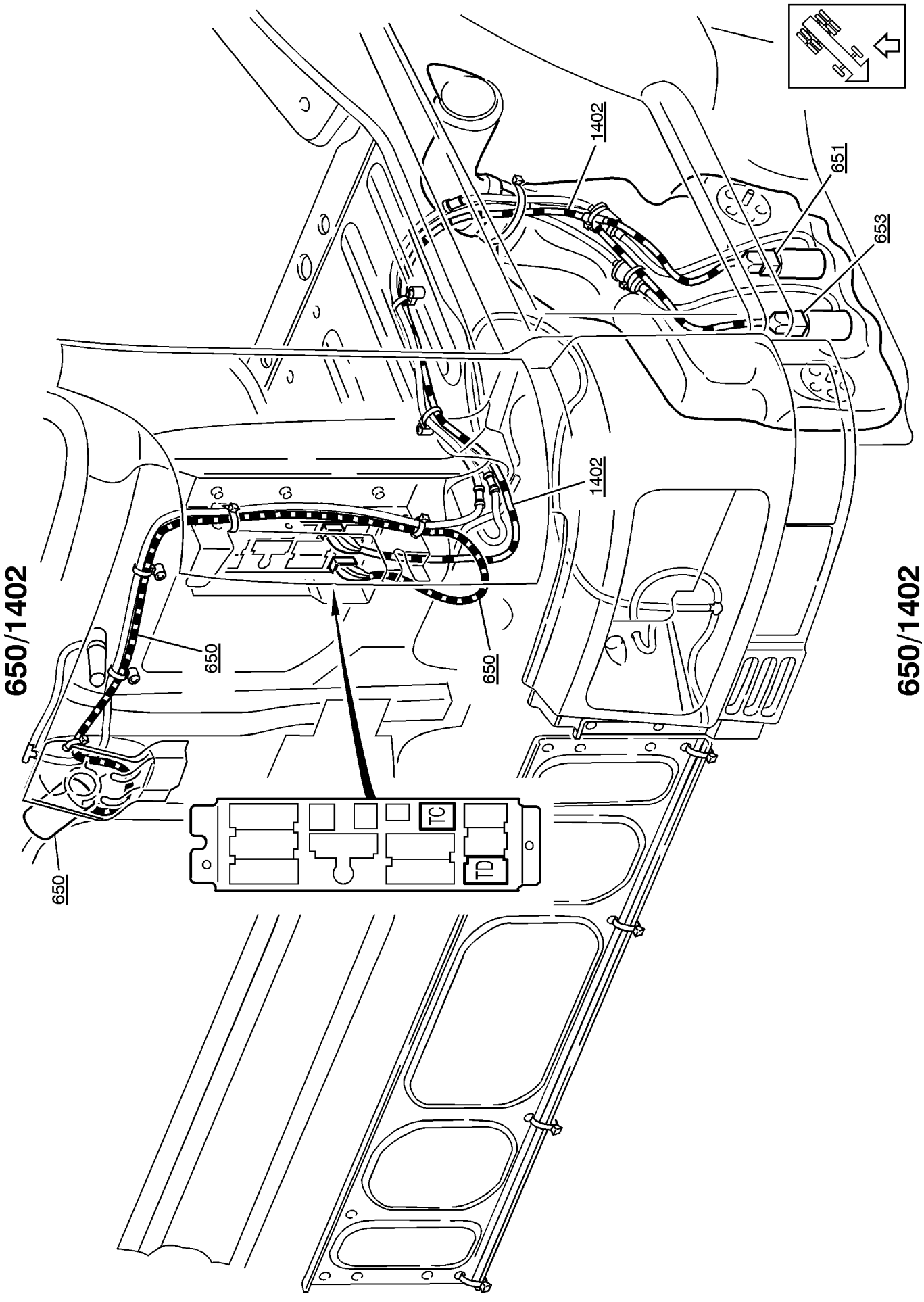
T3009706


1083,WLIFT-EB, LOCK-CTL/LOCK-MRP
1083,WLIFT-EB, LOCK-CTL/LOCK-MRP
DP-1000
RED MARKING TAPE
111P
661P
6058P
205P
YELLOW MARKING
433P
902-
902+
902PD
205P
6058P

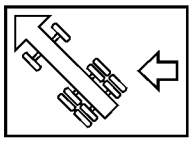

1084
1084
SW
SS
ST
INFO module 3023
56 ABS
AS 1084
56 ABS 1.2.4
3023
AS 1084
1084
9008
ABS
34B+
1084
1084
9008
ABS
ABS/ASR

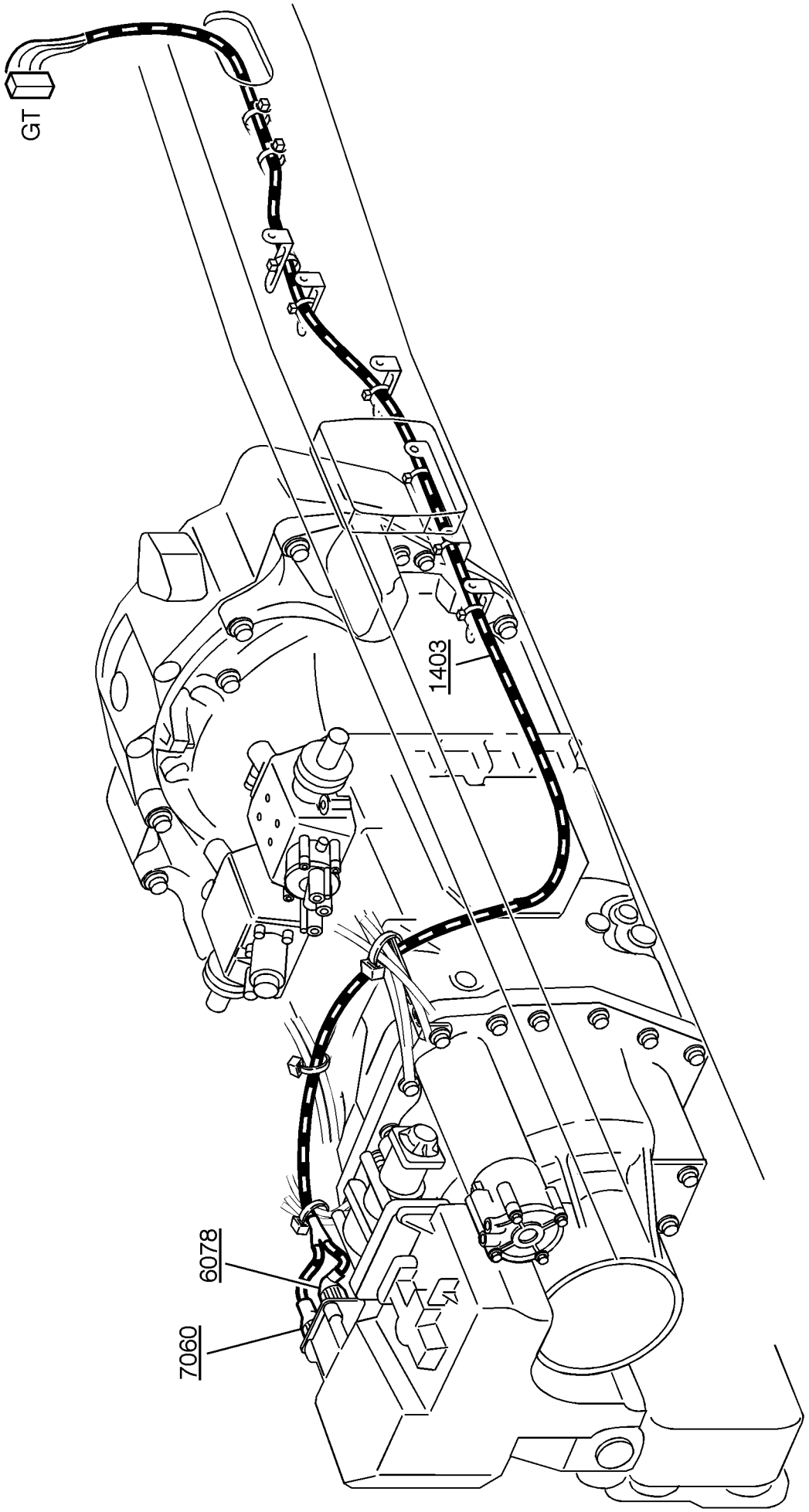
T3009708


1086
6013LF
7057LF
SW
ST
SS
1086
6013RF
TRACTOR
79
1086
7057RF
1086
7057LR
7057RR
7057LR
6013LR
6013RR
7057RR
RIGID
1086
79
1086

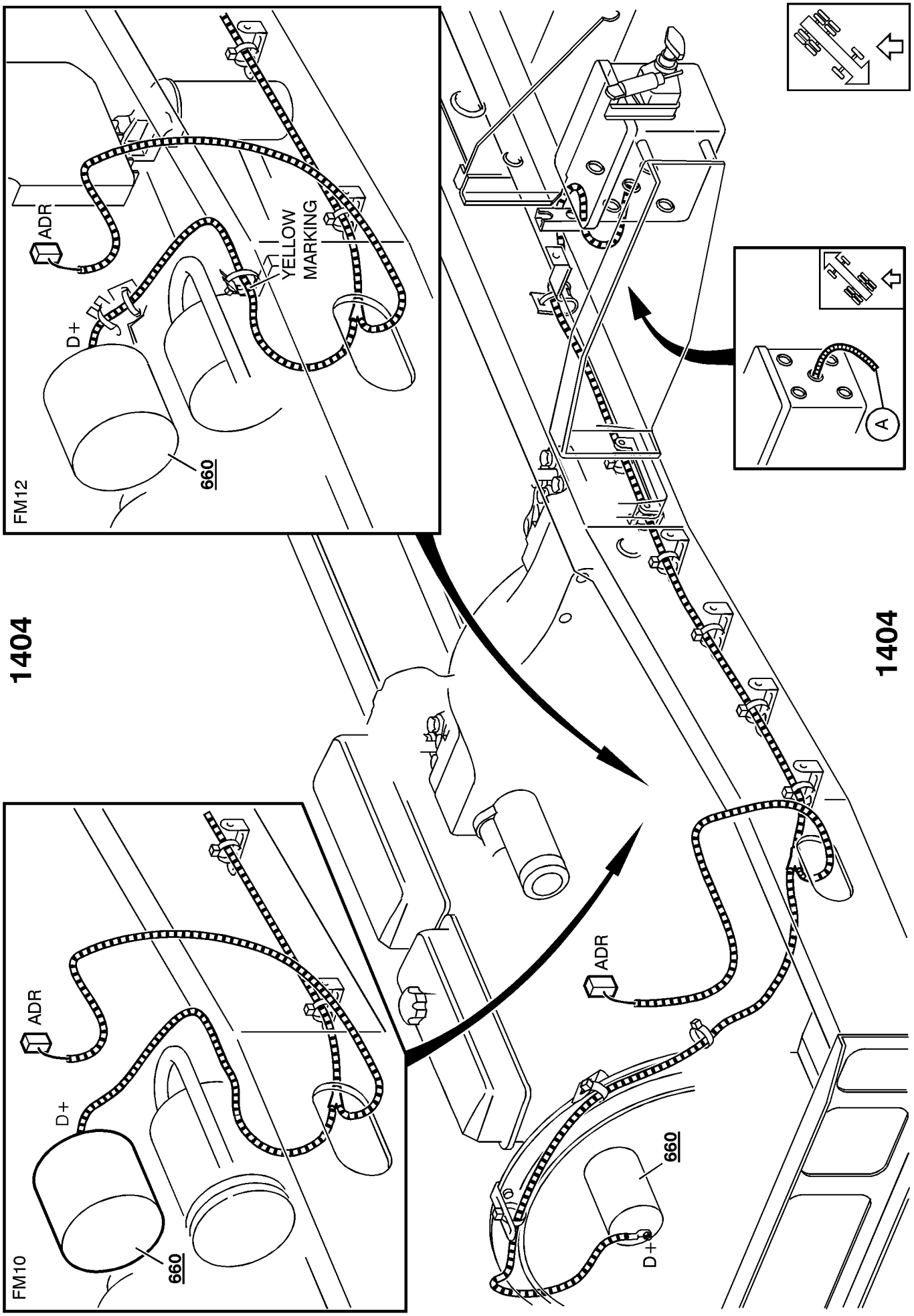


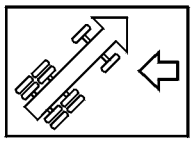
T3009699



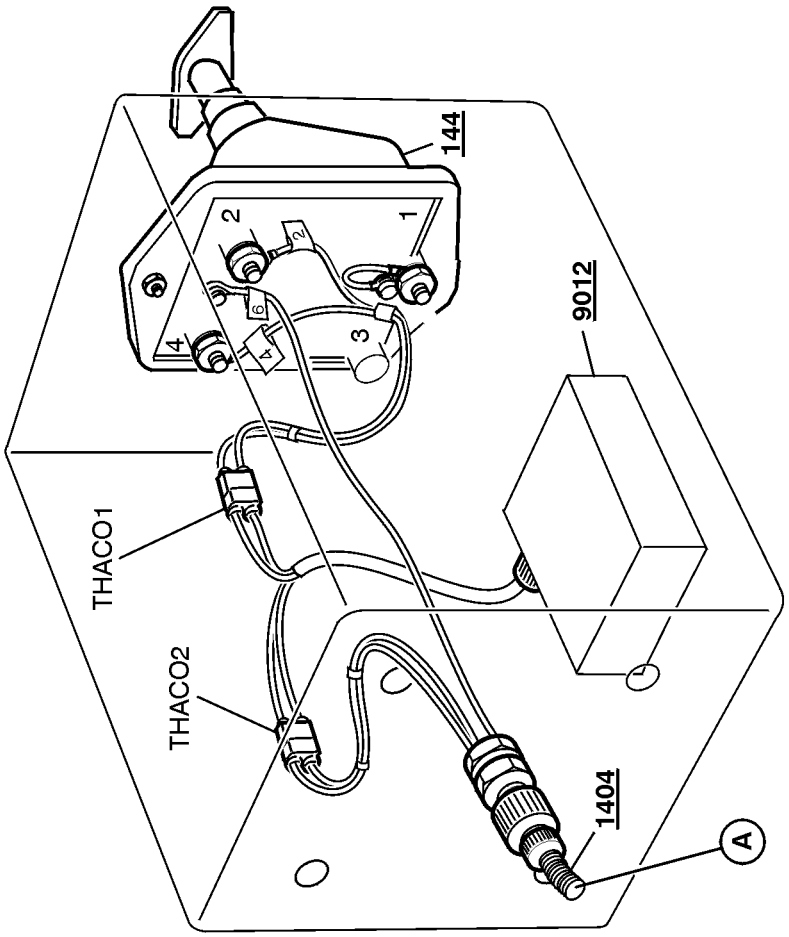


T3011485


1404
1404
FM12
ADR
D+
YELLOW MARKING
660
A
FM10
ADR
D+
660
ADR
660
D+
T3011486

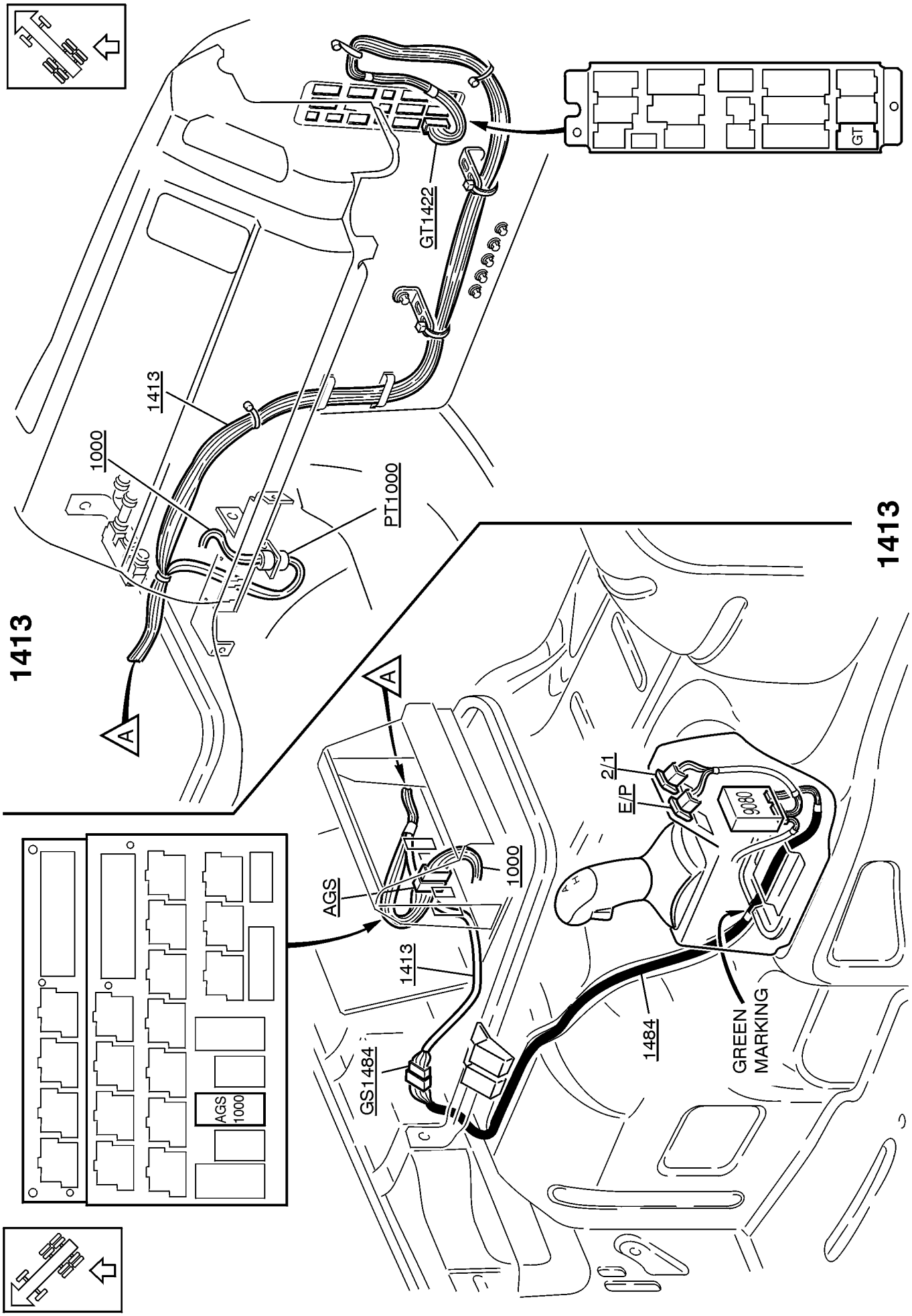


1404

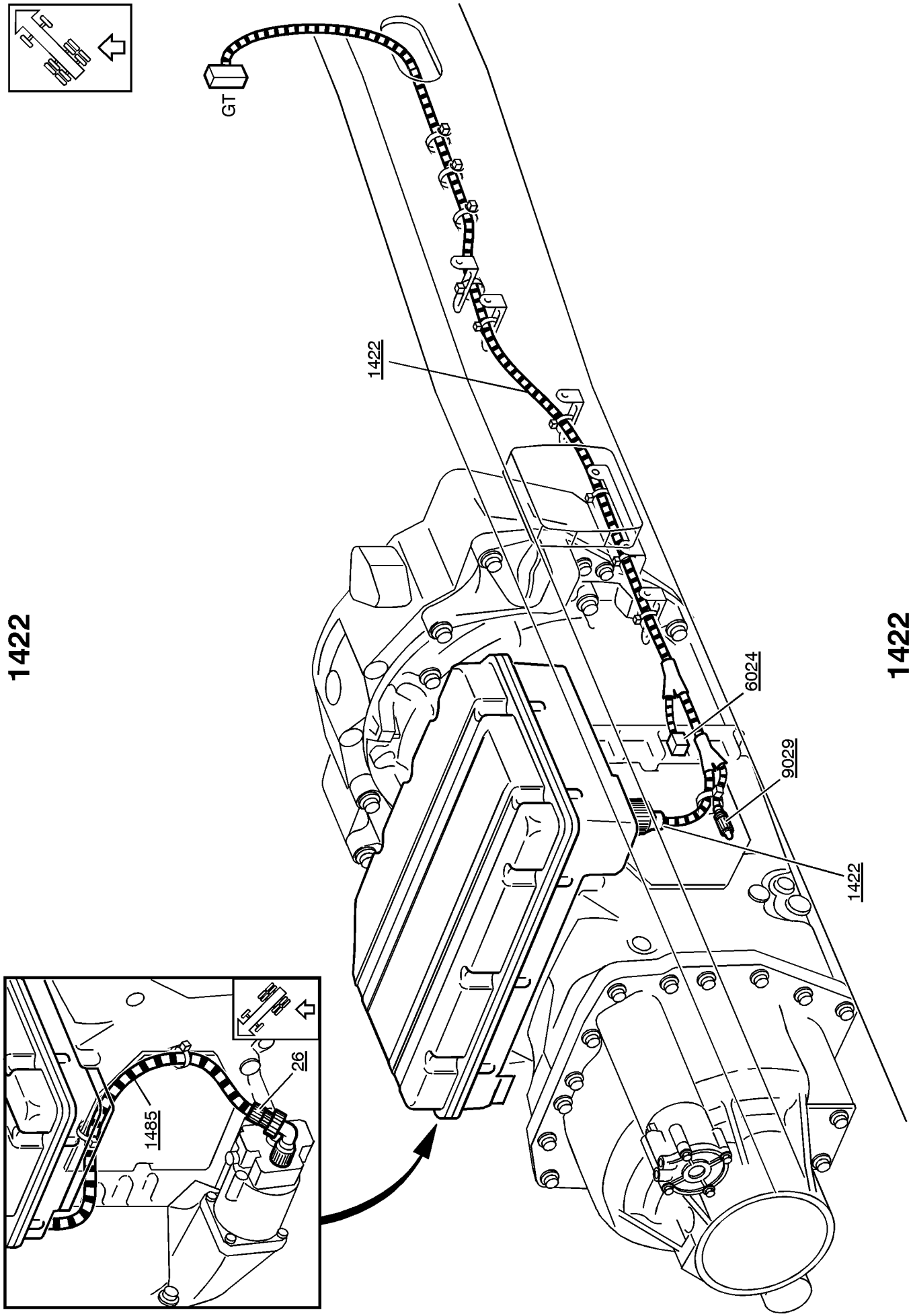


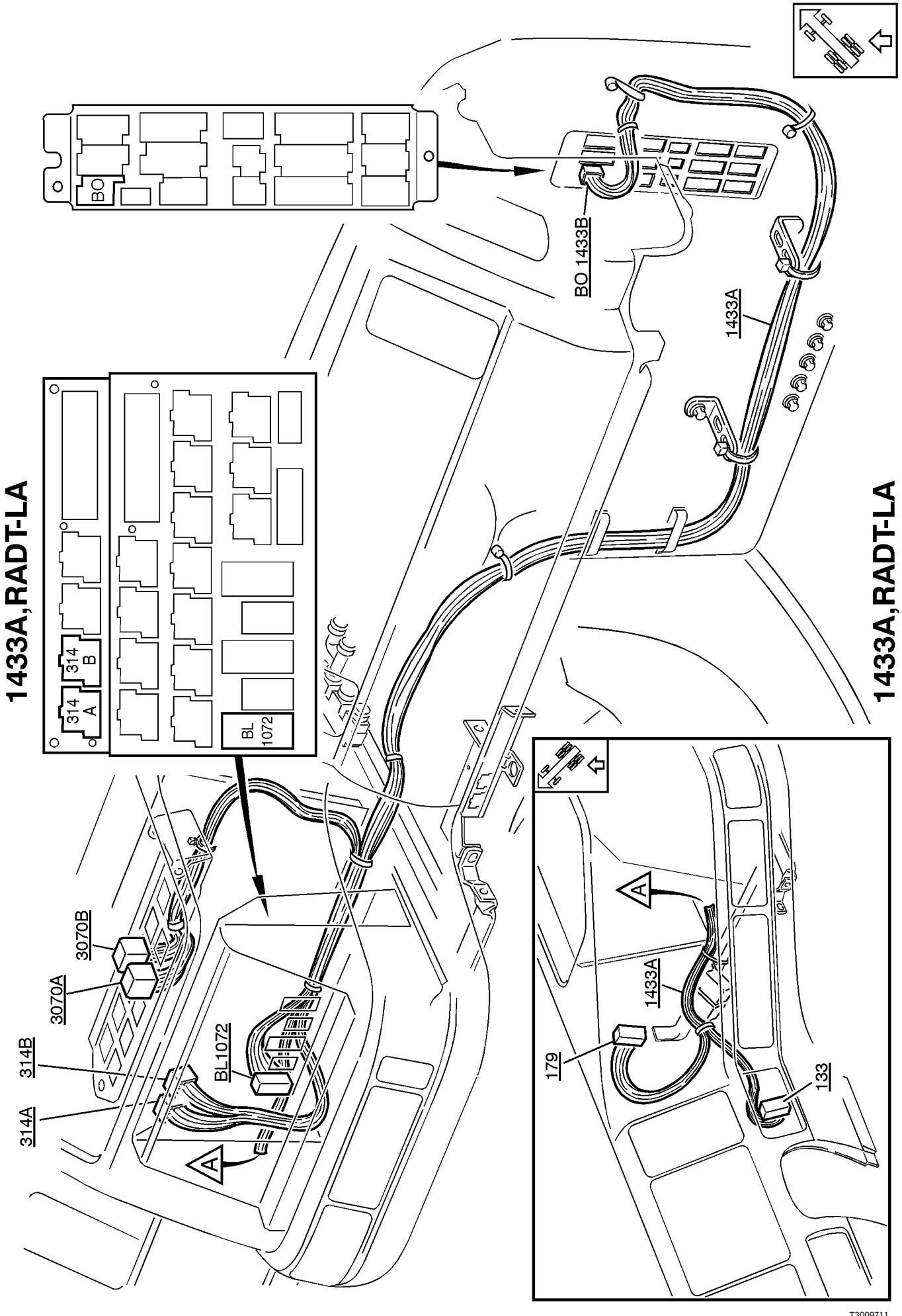
1404

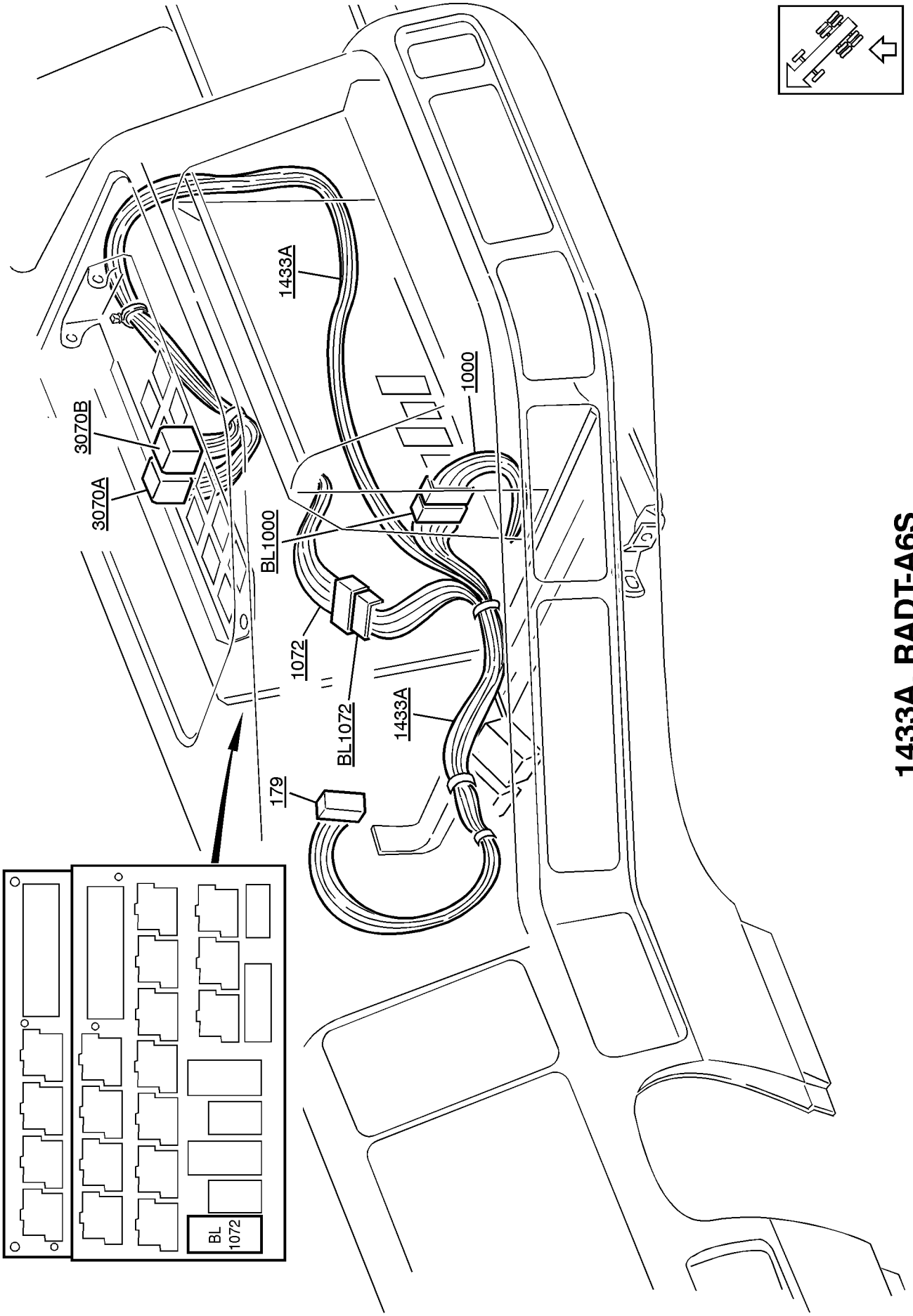
T3011694


1413
1000
1413
PT1000
GT1422
GT
A
1413
A
AGS
1000
1413
GS1484
2/1
E/P
9080
1484
GREEN
MARKING
AGS
1000

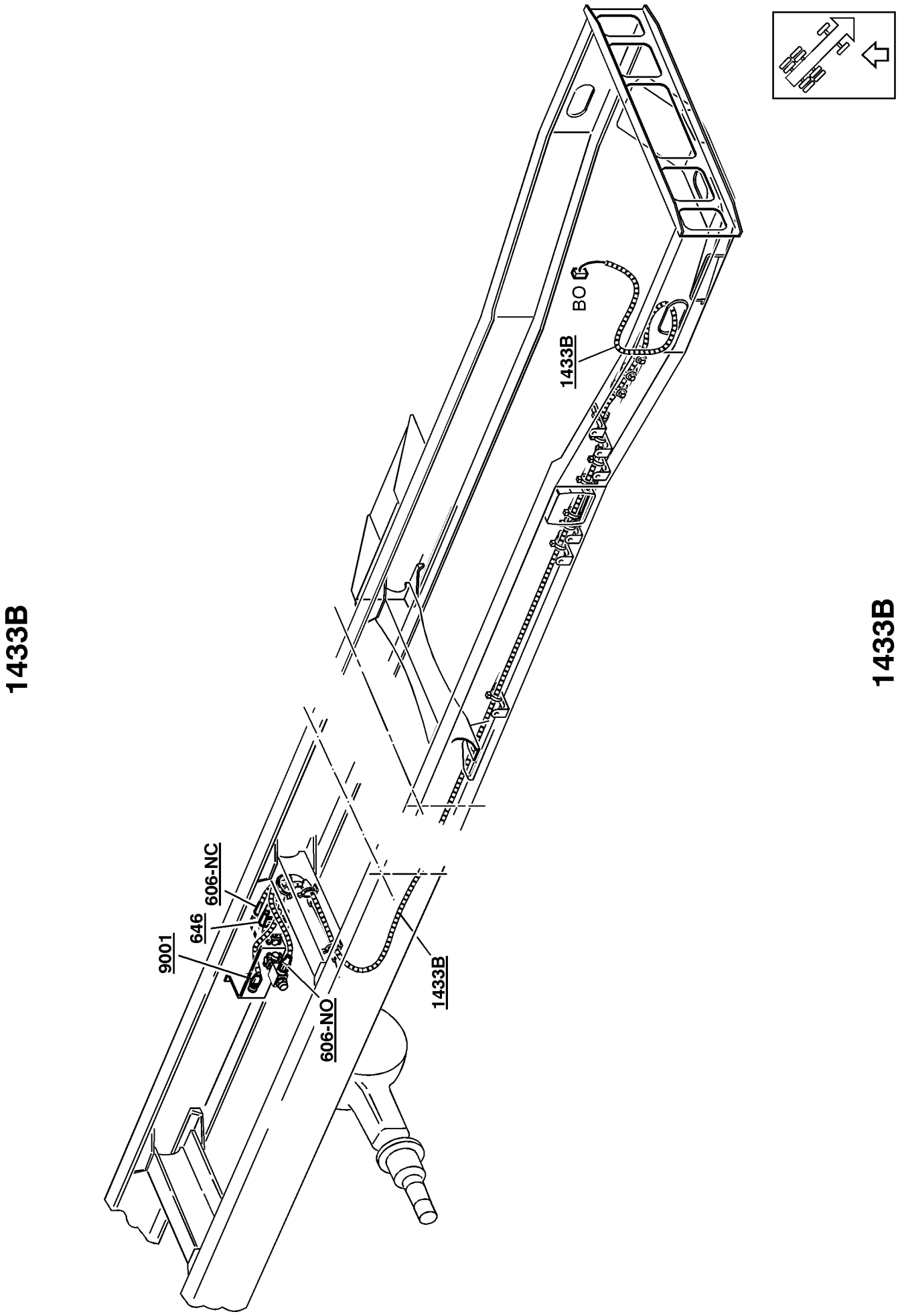
T3011487

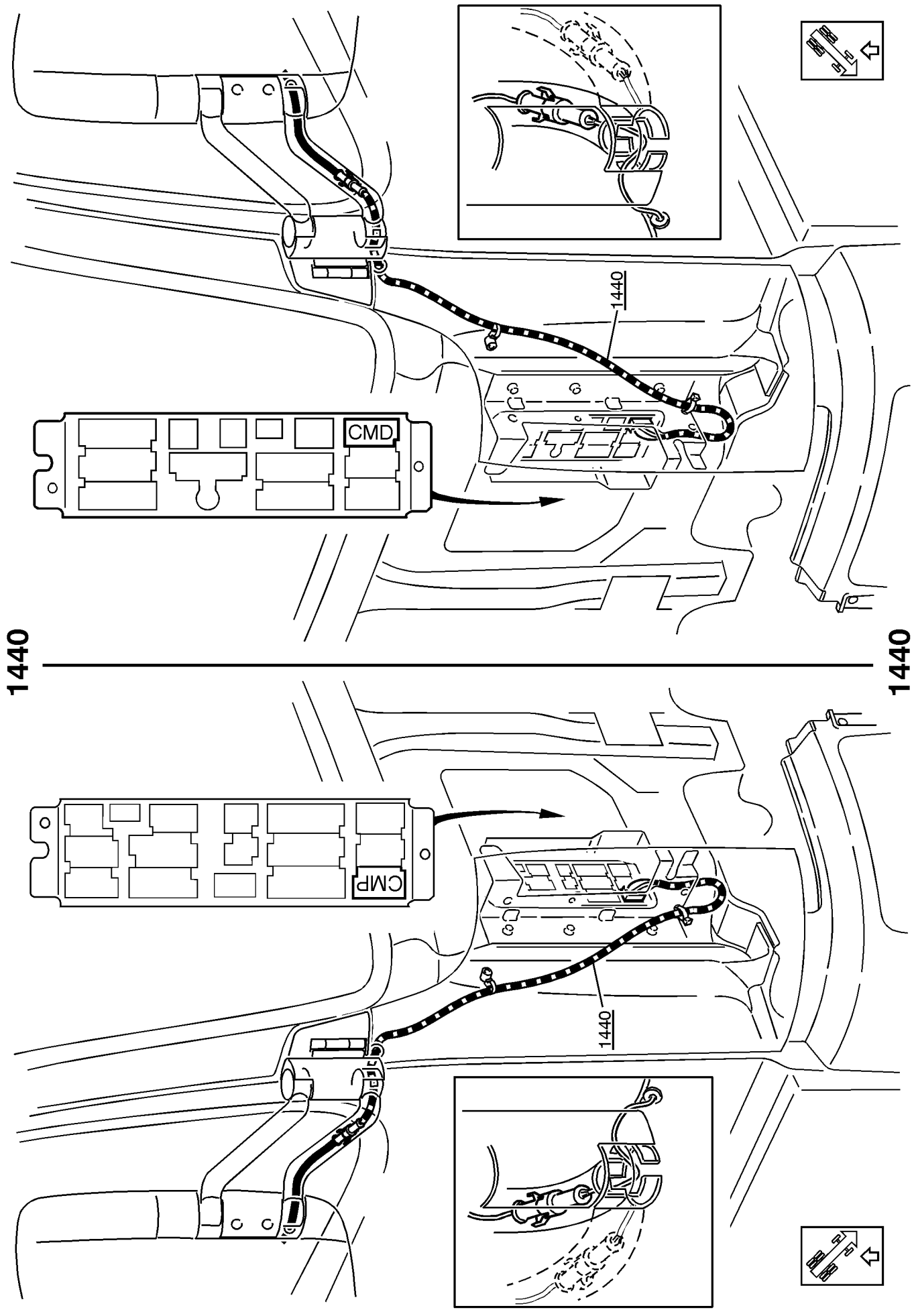

1422
GT
1422
6024
9029
1422
1485
26
T3011488


1433A,RADT-LA
1433A,RADT-LA
BO
BO 1433B
1433A
314 A
314 B
BL 1072
3070B
3070A
314B
314A
BL1072
A
179
133
T3009711

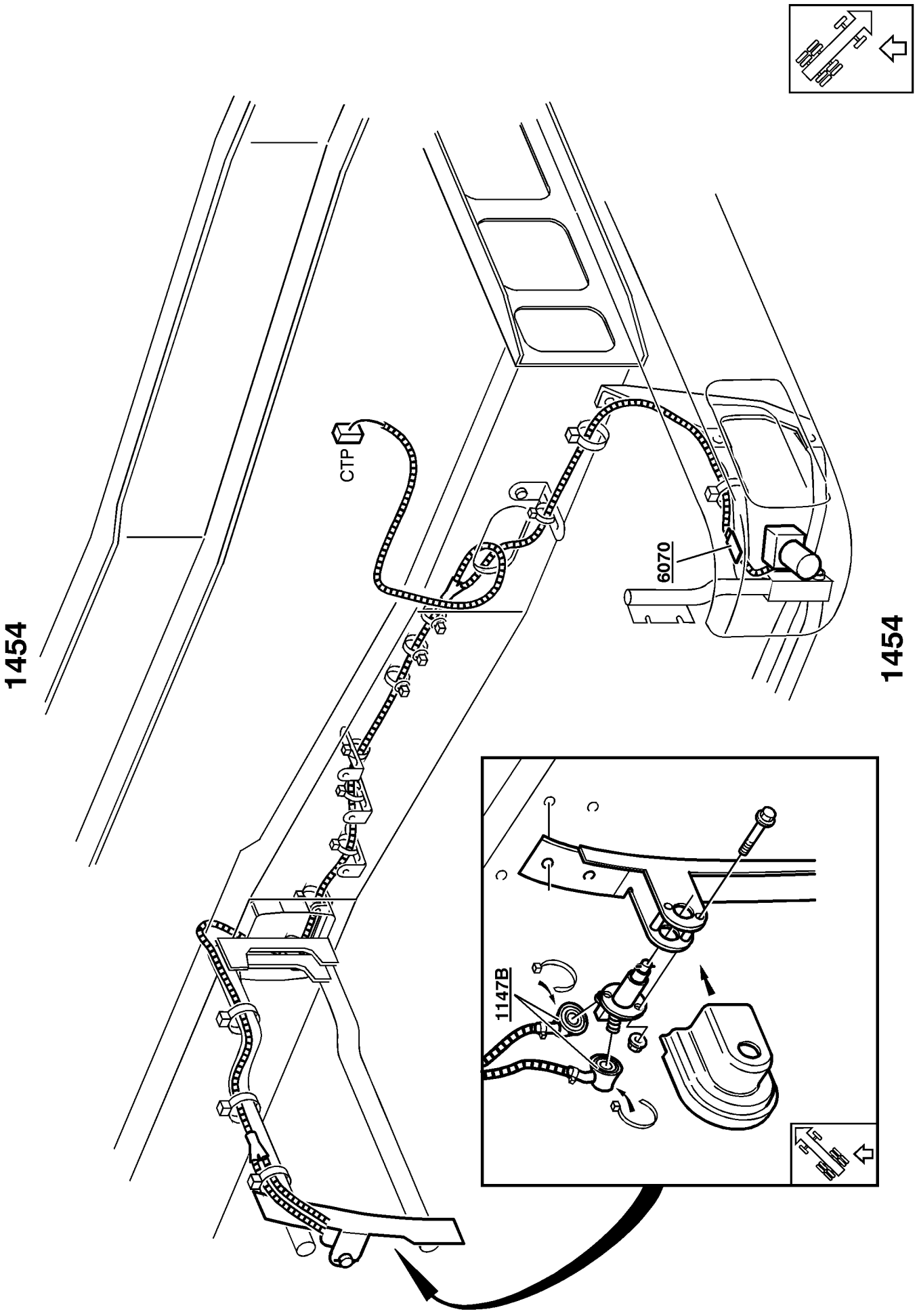

1433A, RADT-A6S
1433A
1000
3070B
3070A
BL1000
1072
BL1072
1433A
179
BL
1072
1433A, RADT-A6S

T3009712

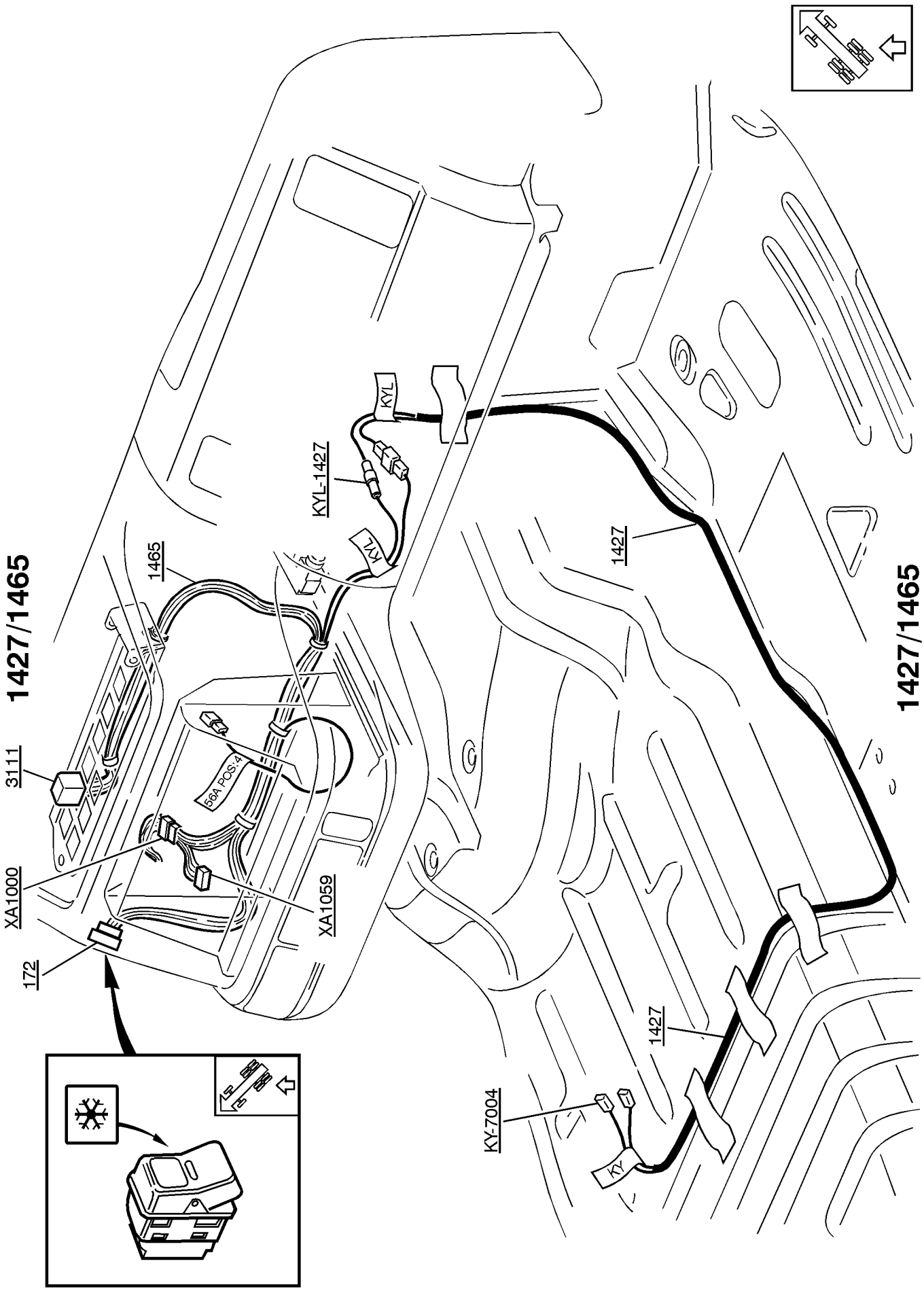

1433B
1433B
BO
1433B
606-NC
646
9001
606-NO
1433B
T3009676

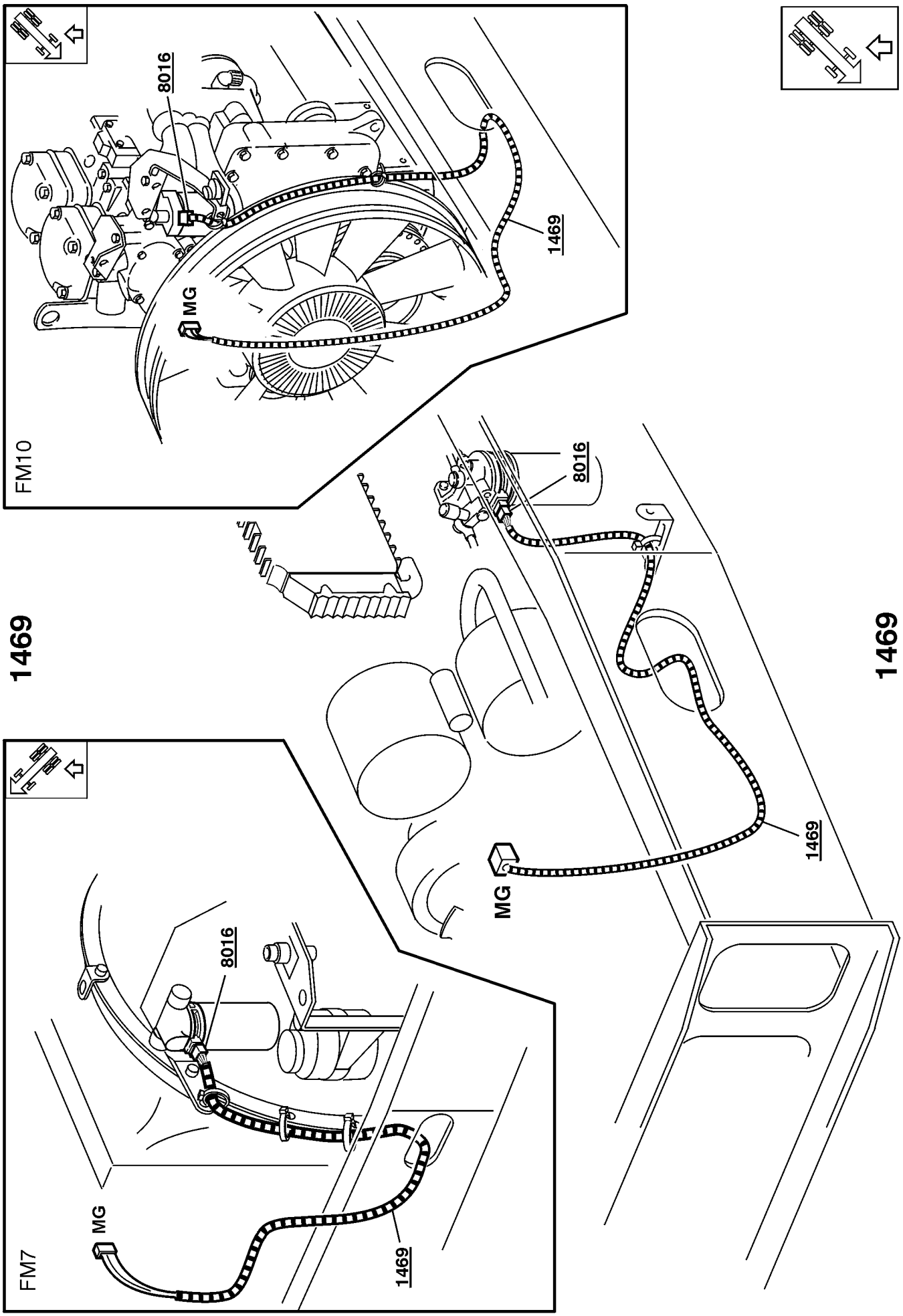


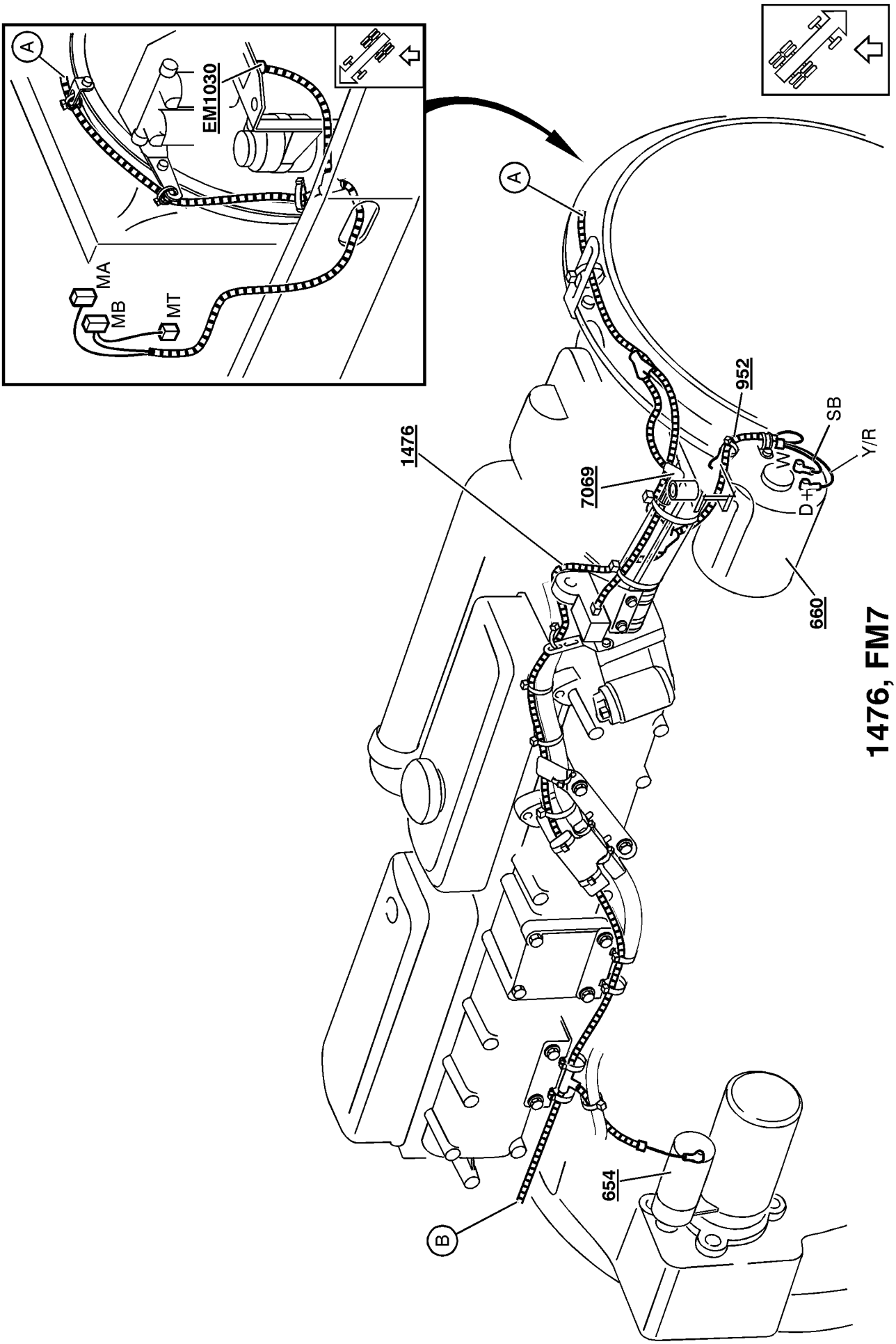
T3009713

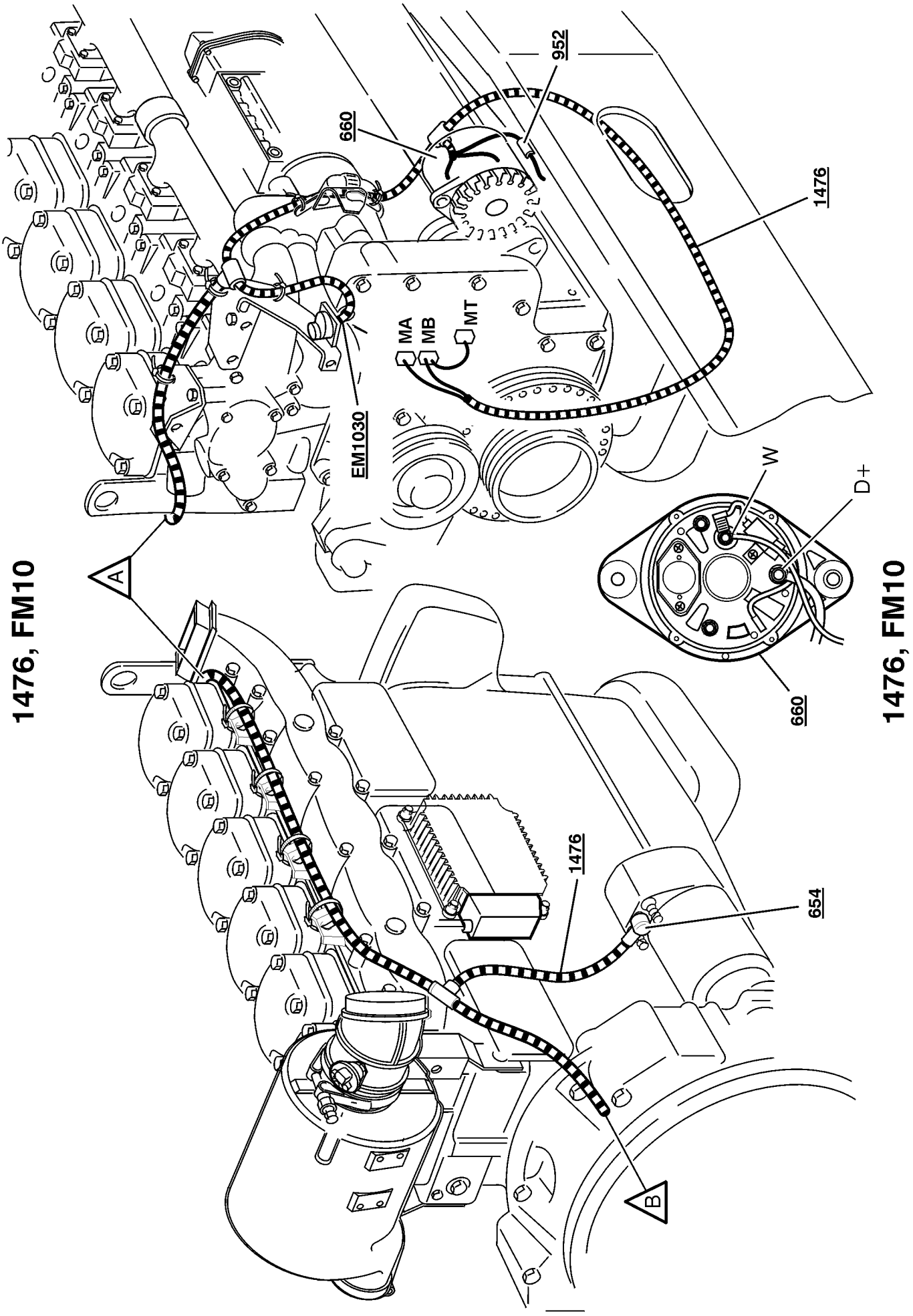


T3009678

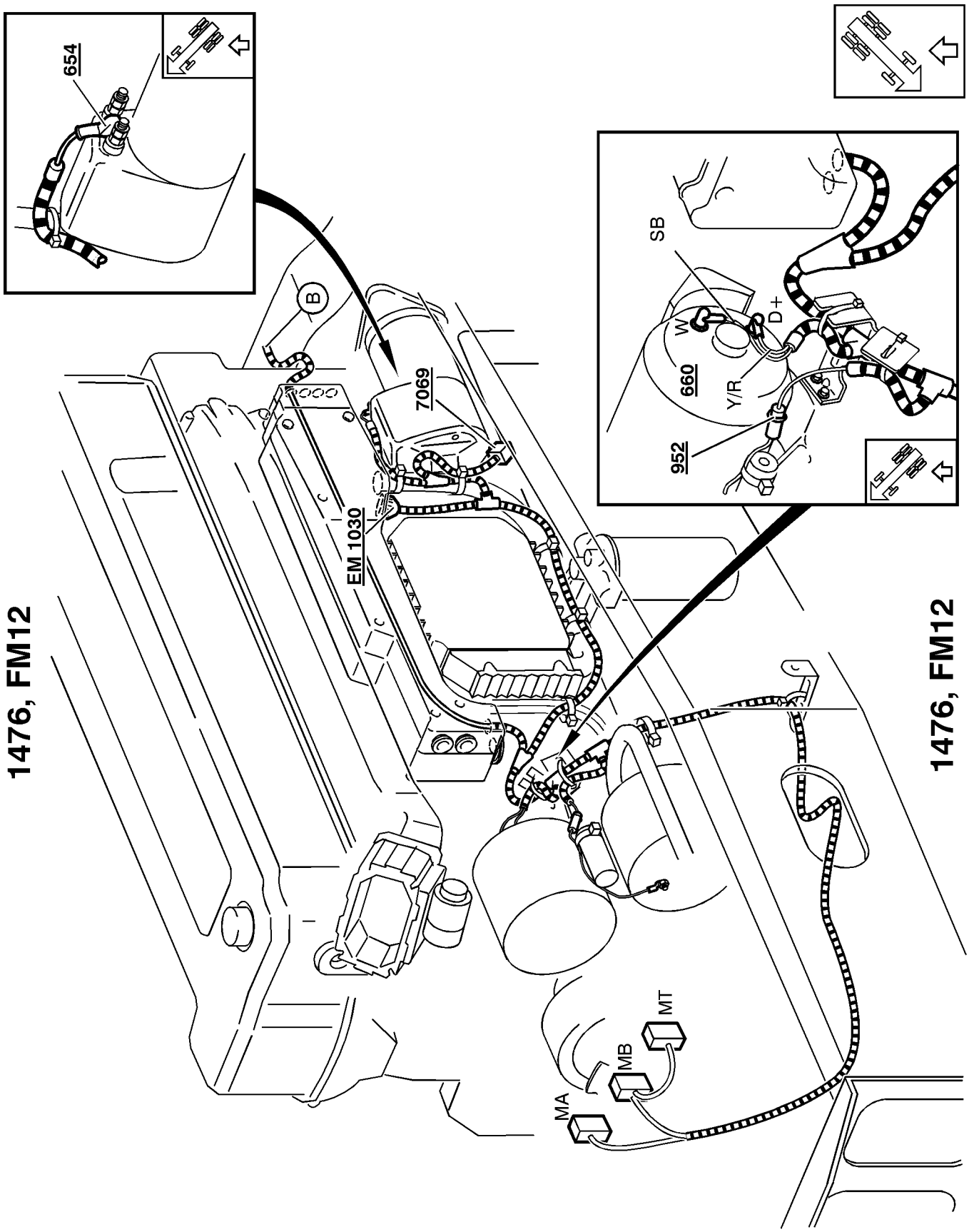

1427/1465
3111
XA1000
172
1465
56A POS-4
XA1059
KYL-1427
KYL
KML
1427
KY-7004
KY
1427
1427/1465

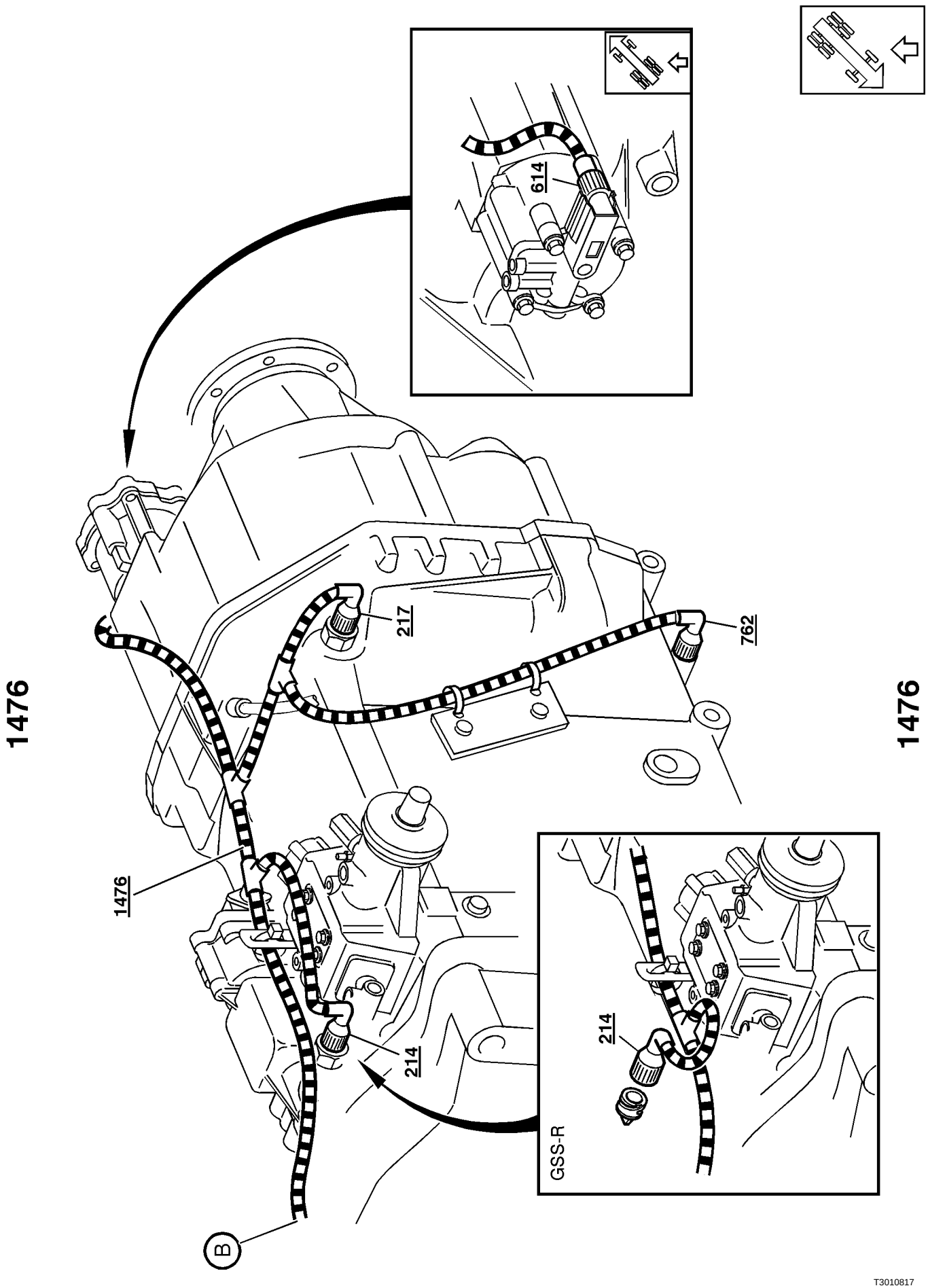

FM10
8016
1469
MG
1469
8016
1469
MG
FM7
8016
MG
1469
T3011695

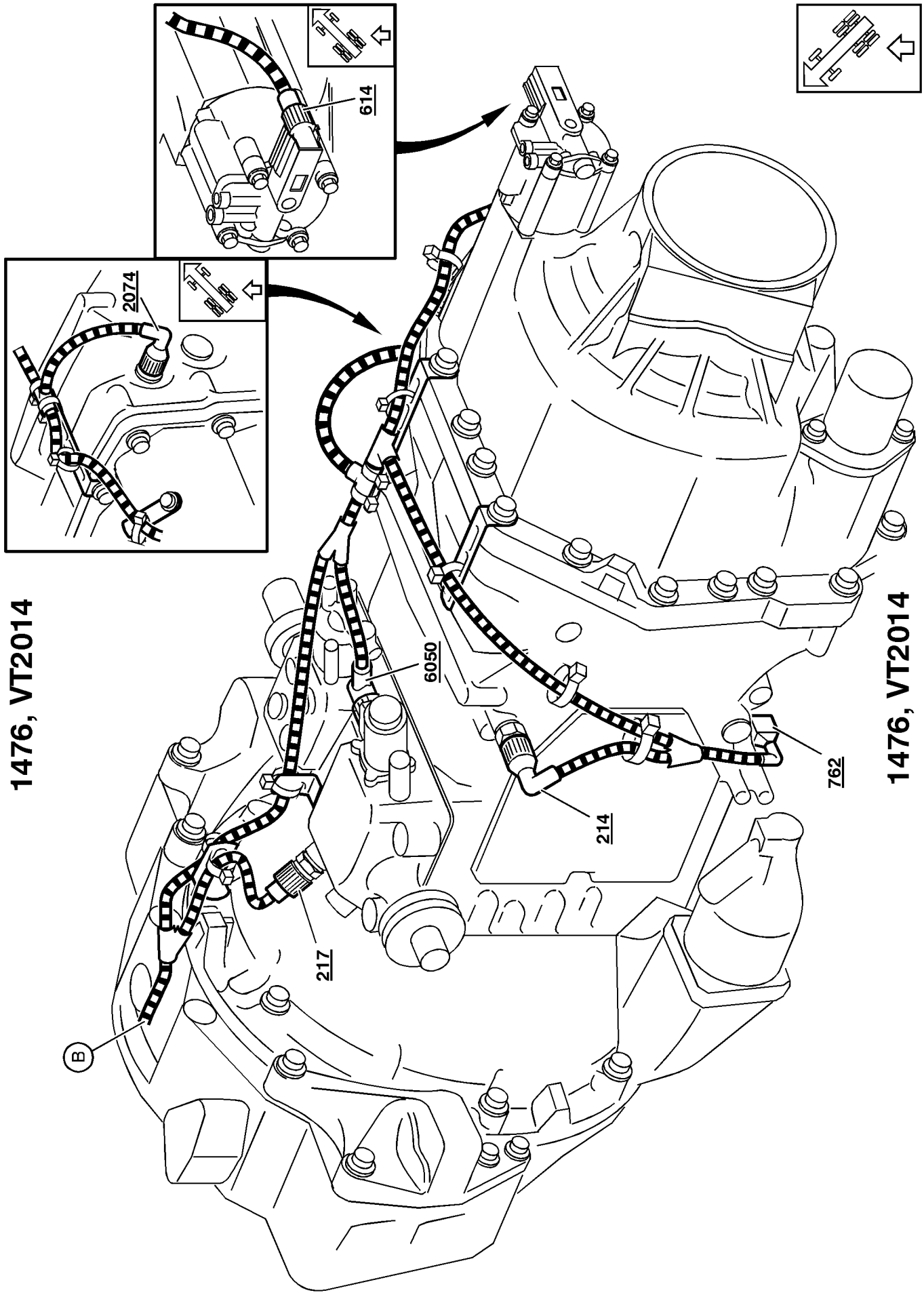

1476, FM7
A
EM1030
MA
MB
MT
A
952
SB
Y/R
W
D+
1476
7069
660
654
B
1476, FM7
T3011491

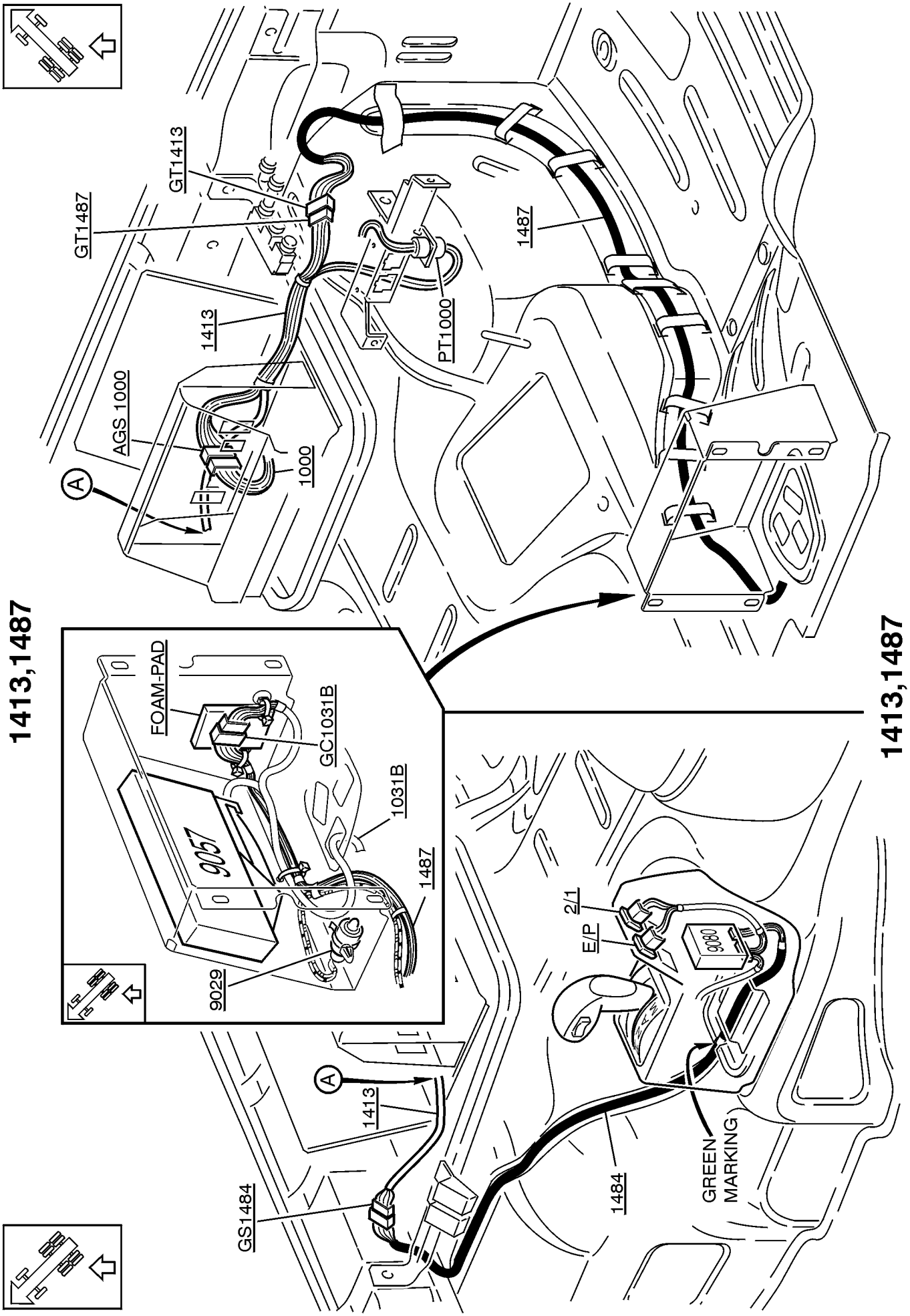

1476, FM10
952
660
1476
MA
MB
MT
EM1030
W
D+
660
1476, FM10
A
1476
654
B

T3011492


654
SB
W
D+
660
Y/R
952
B
7069
EM 1030
1476, FM12
1476, FM12
MT
MB
MA


1476
614
217
762
1476
214
GSS-R
214
B
T3010817
1476


614
2074
6050
762
214
217
B
1476, VT2014
1476, VT2014


1413,1487
GT1413
GT1487
1487
1413
PT1000
AGS 1000
1000
A
FOAM-PAD
GC1031B
1031B
1487
9057
9029
2/1
E/P
9080
1413
GS1484
1484
GREEN MARKING
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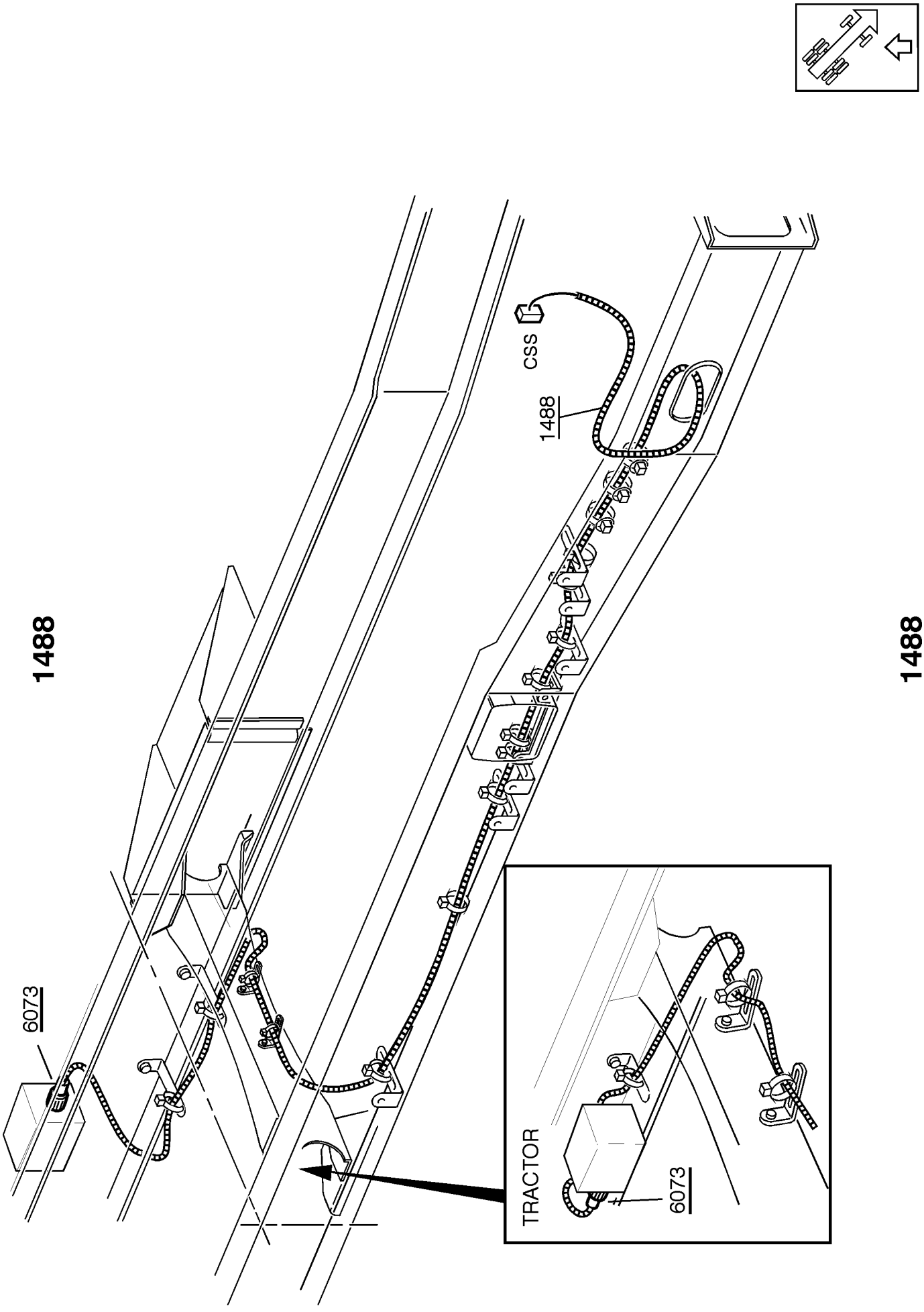
T3011494



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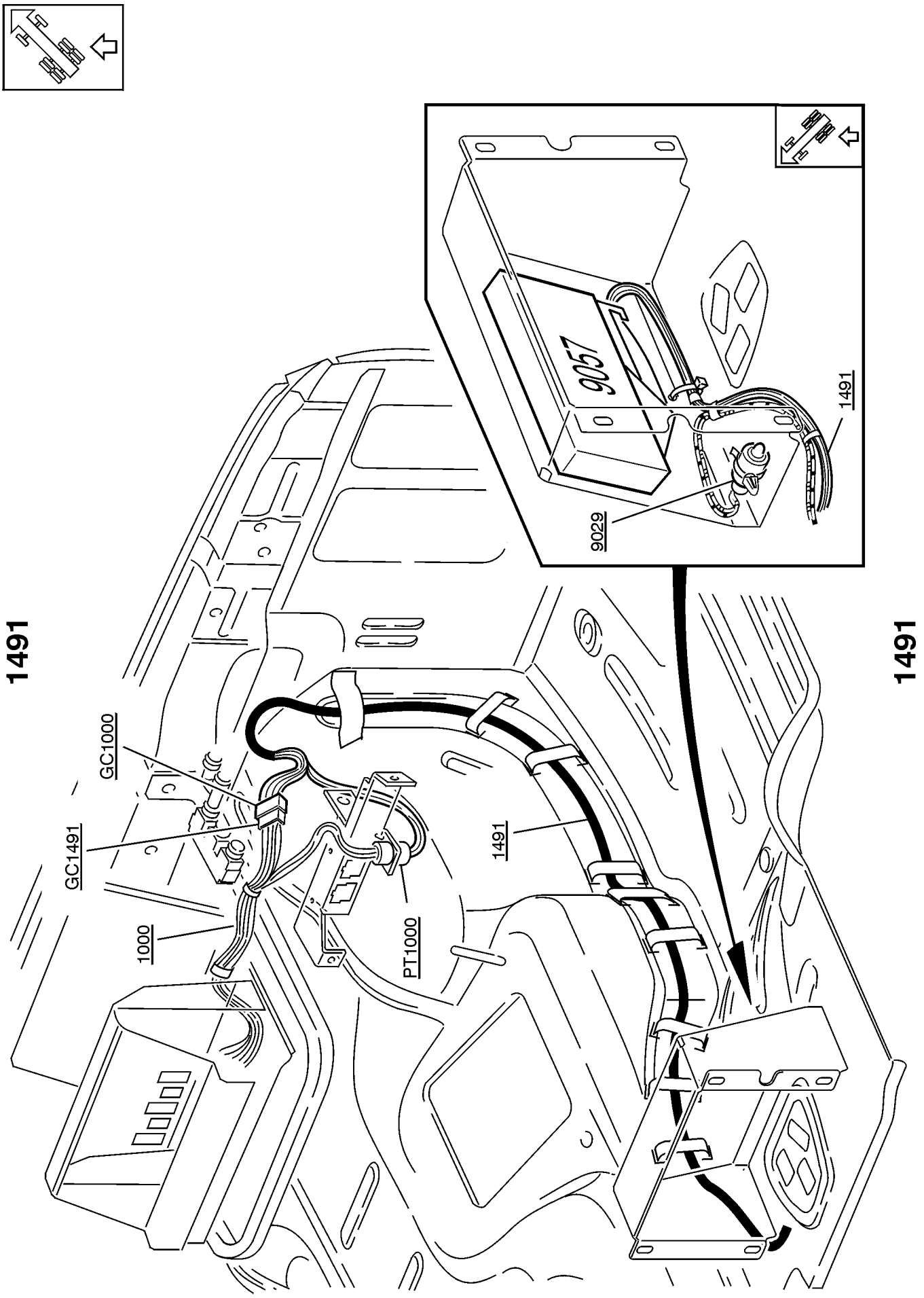

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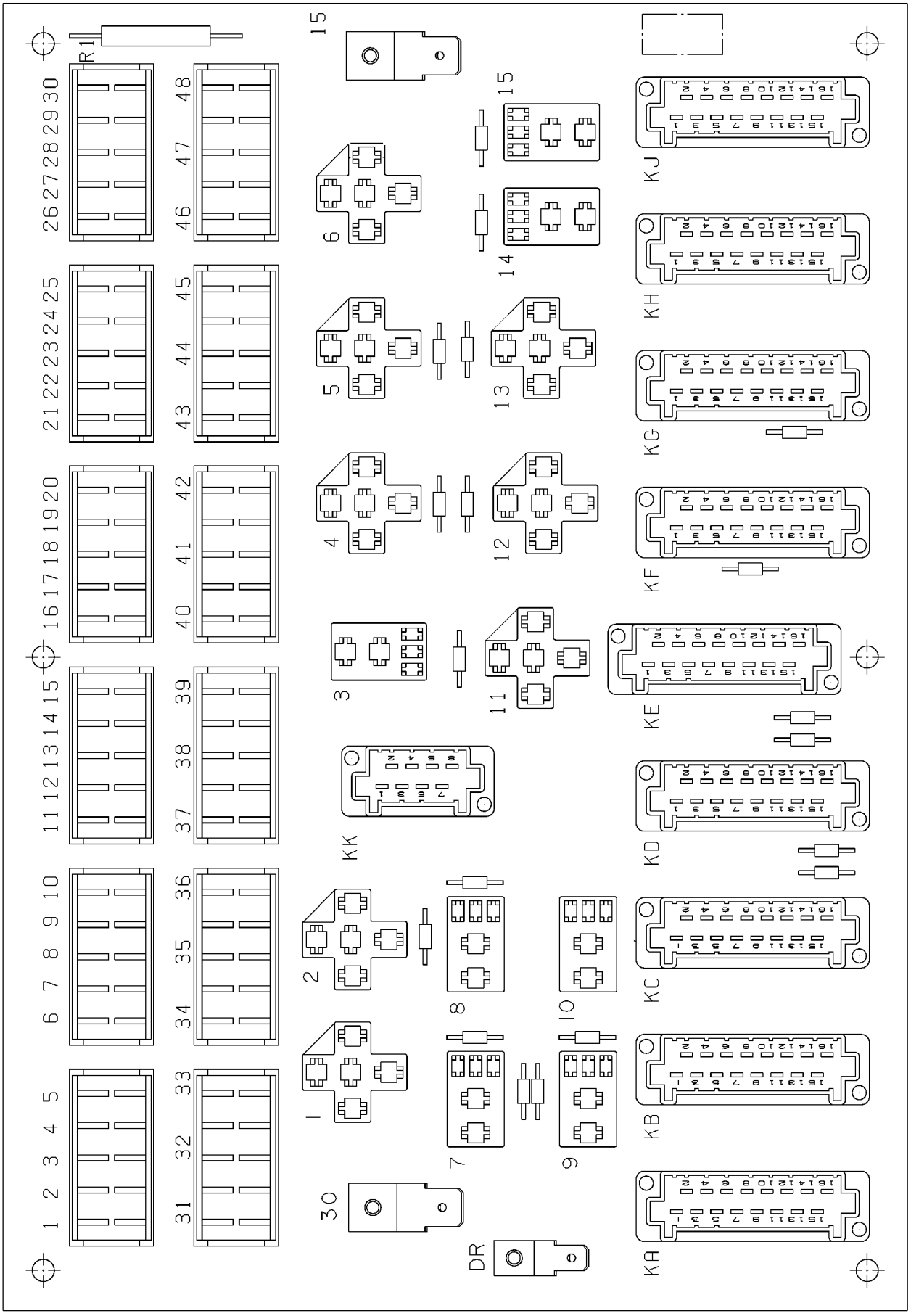
Circuit card electrical centre



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Fuses on circuit card electrical centre

FI	Air suspension/Hydralic bogielift (kl.DR)	(AA36)
F2	Range-,area-inhibitors, compressor control	(AC7)
F3	SRS airbag, Immobiliser	(AA32)
F4	Central door lock	(KH8)
F5	Interior light, timer	(ER16)(ES15)
F6	Brake light trailer	(CK17)
F7	Instrumentation (kl.30)	(NB4)(NZ3)
F8	Voltage divider for radio	(EX7)
F9	Brake light truck	(CK9)
F10	Spotlight	(CH5)(CI4)
F11	Fullbeam flash	(CE64)
F12	Air suspension (kl.30)	(ME45)(MF41)(MG26)
F13	El. heated rearview mirrors .	(HG4)
F14	Preheating, relay ”radiopos.”	(AA12)
F15	Dipped beam lhs	(CE49)
F16	Fullbeam lhs, fullbeam ind. lamp	(CE51)
F17	Radiopos. startswitch	(AA43)
F18	Cooling fan control, preheat relay	(BJ51)(BL51)(BM51)
F19	Vehicle ECU	(AC19)
F20	Engine solenoid valves	(BJ41)(BL44)(BM41)
F21	Instrumentation, el. heated mirror relay (kl.61)	(NA60)
F22	DRL (day running light/Dim-dip)	(CE41)
F23	El. heated airdryer	(HK4)
F24	Extra equipment ”XA”, relay bodybuilder fusebox (kl.15) .	(XA9)
F25	El. adjustable mirrors	(HH5)
F26	Differential lock, power take off ..	(LG6)
F27	Electronic climate control	(HA3)
F28	Direction indicator, Instrumentation (kl.15)	(CN7)
F29	Horn, solenoid valve for airhorn .	(FA7)
F30	Cigarette lighter, centre section storagelamp	(EV8)
F31	Voltage divider for 12V. outlets ...	(EX14)
F32	Foglight, rear foglight	(CG6)
F33	Park. light truck lhs	(CE19)
F34	Park. light trailer lhs	(CE22)
F35	Bedlamps, luggage comp. lamp, bedlock	(ER46)(ES46)
F36	Park. light trailer rhs	(CE24)
F37	Park. light truck rhs	(CE26)
F38	Direction indicator, hazard warning light (kl.30)	(CN10)
F39	Dipped beam rhs	(CE53)
F40	Fullbeam rhs	(CE55)
F41	El. window winder, passenger side	(KA21)
F42	El. window winder, driver side	(KA5)
F43	Engine ECU	(BJ23)(BL23)(BM23)
F44	Revers light, revers warning alarm	(EA9)
F45	Fan, climate unit	(HA6)
F46	El heated seat, park. heater	(HE6)
F47	Windscreen wiper	(GA30)
F48	Headlamp wiper, windscreen and headlamp washer	(GA16)

Relays on circuit card electrical centre

301 Relay, fog lights”9” ..... (CG5)

305 Relay, reversing lights”12” ..... (EA7)

306 Relay, full beams”11” ..... (CE55)

307 Relay, dipped beams”3” ..... (CE48)

308 Relay, brake lights truck”8” ..... (CK8)

308B Relay, brake lights trailer”10” ..... (CK15)

309L Relay, parking lights lhs”1” ..... (CE19)

309R Relay, parking lights rhs”2” ..... (CE26)

315R Relay, starting switch”4” ..... (AA42)

343 Relay, rear fog lights”7” ..... (CG12)

348A Relay, fan,climate unit”13” ..... (HA6)

360 Relay, power take off inhibitor”14” ..... (LD3)(LE4)

379 Relay, fuel injection”5” ..... (AC17)

3005 Alternator-controlled relay”6” ..... (AA52)

3101 Relay, interior lamps”15” ..... (ER13)(ES13)

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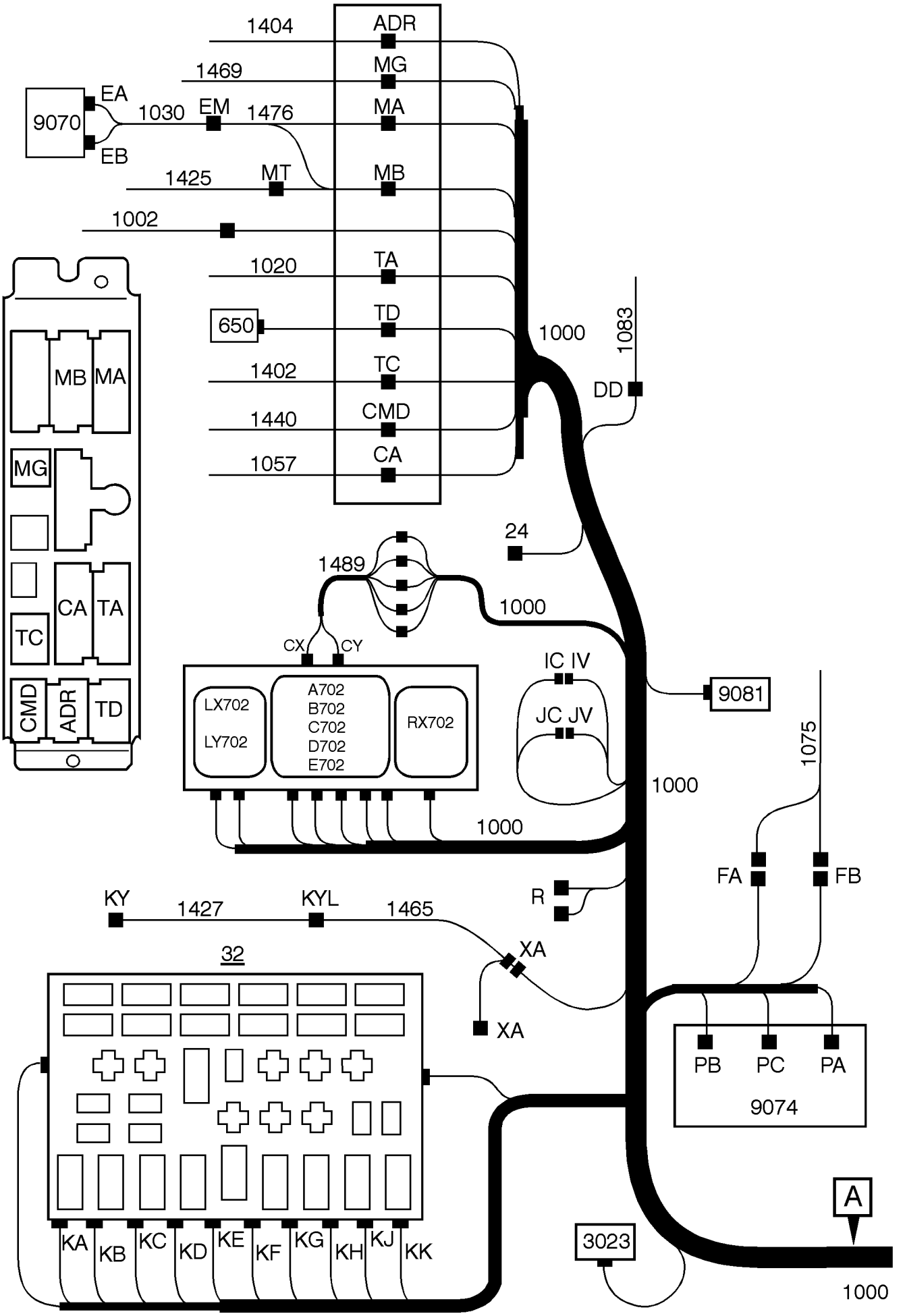
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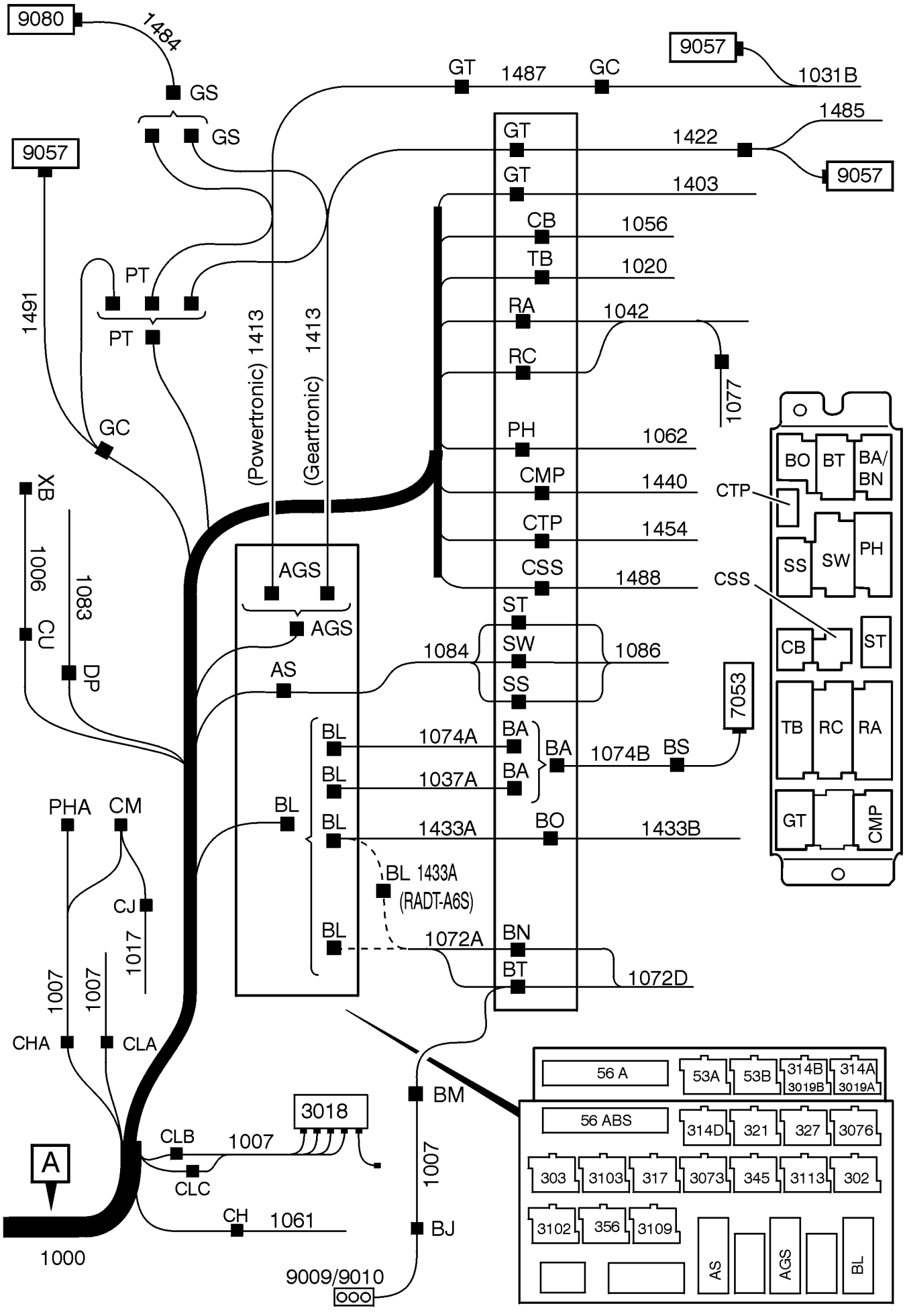
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VG2	(LO29)	XA3	(TA3)	XB4	(XA45)
VG3	(LO30)	XA3	(TA6)	XB4	(ZA42)
VG4	(LO29)	XA3	(XA7)		
XA1	(TA4)	XB1	(XA43)		
XA1	(TA7)				

List of components

24	Connector, socket/diagnostics (AC39)
24	Connector, socket/diagnostics (KE8)
24	Connector, socket/diagnostics (NX15)
24: 8	Connector, socket/diagnostics (ZA4)
26	Connector, gearbox (LP34)
30	Battery (ZA43)
30 A	Battery (AA8)
30 A	Battery (ZD4)
30 B	Battery (AA8)
30 B	Battery (ZD4)
32	Circuit card, electrical centre (AA10)
32	Circuit card, electrical centre (AA31)
32	Circuit card, electrical centre (AA32)
32	Circuit card, electrical centre (ZD21)
34	Connector (AA4)
34	Connector (EN6)
34	Connector (TA8)
34	Connector (ZD21)
36	Connector, tail lamp junction box (CE22)
36	Connector, tail lamp junction box (CE24)
36	Connector, tail lamp junction box (CE60)
36	Connector, tail lamp junction box (CG19)
36	Connector, tail lamp junction box (CG21)
36	Connector, tail lamp junction box (CK14)
36	Connector, tail lamp junction box (CK17)
36	Connector, tail lamp junction box (CN5)
36	Connector, tail lamp junction box (CN7)
36	Connector, tail lamp junction box (CN12)
36	Connector, tail lamp junction box (CN17)
36	Connector, tail lamp junction box (EA17)
36	Connector, tail lamp junction box (PD16)
36	Connector, tail lamp junction box (XA43)
36	Connector, tail lamp junction box (XA47)
36	Connector, tail lamp junction box (XA53)
42	Joint sleeve (ZA19)
42	Joint sleeve (ZA35)
42	Joint sleeve (ZA46)
42	Joint sleeve (ZA50)
42	Joint sleeve (ZB4)
42	Joint sleeve (ZB5)
42	Joint sleeve (ZB16)
42	Joint sleeve (ZB36)
42	Joint sleeve (ZB53)
42 A	Joint sleeve (ZB12)
42 A	Joint sleeve (ZB44)
42 CL 1:2B	Joint sleeve (ZA32)
42 I 1:1	Joint sleeve (ZA5)
42 I 1:3A	Joint sleeve (ZA42)
42 I 1:3B	Joint sleeve (ZA57)
42 I 2:4A	Joint sleeve (ZB39)
42 I 2:4B	Joint sleeve (ZB49)
42 I HEAT	Joint sleeve (ZB2)
42 MB	Joint sleeve (ZA52)
53 A	Fuse holder 3–unit (HM9)
53 A	Fuse holder 3–unit (HP4)
53 B	Fuse holder 3–unit (OG3)
56 A	Fuse holder 6–unit (TA9)
56 A	Fuse holder 6–unit (XA18)
56 B	Fuse holder 6–unit (LO6)
56 B	Fuse holder 6–unit (LP7)
56 P	Fuse holder, 6–unit (XA31)
56 X	Fuse holder, 6–unit (EN4)
56 X	Fuse holder, 6–unit (XA44)
56 ABS	Fuse holder, 6–unit (OA14)
56 ABS	Fuse holder, 6–unit (OB12)
77	Plug socket, 7-unit (CE22)
77	Plug socket, 7–unit (CE24)
77	Plug socket, 7–unit (CE60)
77	Plug socket, 7–unit (CG21)
77	Plug socket, 7–unit (CK17)
77	Plug socket, 7–unit (CN5)
77	Plug socket, 7–unit (CN7)
77	Plug socket, 7–unit (ZB7)
78	Extra plug socket, 7–unit (CE58)
78	Extra plug socket, 7–unit (CG19)
78	Extra plug socket, 7–unit (EA17)
78	Extra plug socket, 7–unit (OA11)
78	Extra plug socket, 7–unit (OB10)
78	Extra plug socket, 7–unit (PD16)
78	Extra plug socket, 7–unit (XA43)
78	Extra plug socket, 7–unit (XA47)
78	Extra plug socket, 7–unit (XA53)
78	Extra plug socket, 7–unit (ZB8)
79	Plug socket, ABS/EBS (OA3)
79	Plug socket, ABS/EBS (OA9)
79	Plug socket, ABS/EBS (OA14)
79	Plug socket, ABS/EBS (OA18)
79	Plug socket, ABS/EBS (OA22)
79	Plug socket, ABS/EBS (OB3)
79	Plug socket, ABS/EBS (OB8)
79	Plug socket, ABS/EBS (OB13)
79	Plug socket, ABS/EBS (OB17)
79	Plug socket, ABS/EBS (OB21)
79:3	Plug socket, ABS/EBS (ZB18)
79:3	Plug socket, ABS/EBS (ZB34)
79:4	Plug socket, ABS/EBS (ZB12)
100	Switch, headlights (CE36)
101	Switch, full beams and dipped beams (CE61)
101	Switch, full beams and dipped beams (ZA57)
102	Switch, fog lights (CG21)
102	Switch, fog lights (ZA42)
103	Switch, spot lights (CH11)
103	Switch, spot lights (CI13)
103	Switch, spot lights (ZA60)
104	Switch, loading lights (ED9)
104	Switch, loading lights (ZA42)
109	Switch, hazard warning lights (CN17)
109	Switch, hazard warning lights (ZA42)
111 DD	Switch, window winder (KA26)
111 DP	Switch, window winder (KA7)
111 P	Switch, window winder (KA15)
111 DD	Switch, window winder (ZA48)
111 DP	Switch, window winder (ZA48)
111 P	Switch, window winder (ZB37)
112	Switch, air conditioning (HA19)
112	Switch, air conditioning (ZA57)
112 ATC	Switch, air conditioning (HA5)
112 ATC	Switch, air conditioning (ZA57)
116 A	Switch, interior light (ES27)
116 A	Switch, interior light (ZA5)
116 A	Switch, interior light (ZA26)
116 B	Switch, interior light (ER37)
116 B	Switch, interior light (ES35)
116 B	Switch, interior light (ZA18)
116 B	Switch, interior light (ZA19)
118	Switch, fan (HA13)
119	Switch, windscreen wiper (GA25)
123	Switch, heated rearview mirror (HG12)
123	Switch, heated rearview mirror (ZA42)
125	Switch, exhaust brake (AC46)

125	Switch, exhaust brake (ZB49)
126	Switch, diff. lock wheels, rear (LG18)
127	Switch, diff. lock inter axles (LG6)
127	Switch, diff. lock inter axles (ZB49)
132	Switch, roof sign light (EJ4)
132	Switch, roof sign light (EK4)
132	Switch, roof sign light (ZA32)
133	Switch, bogie lift (LJ11)
133	Switch, bogie lift (MA5)
133	Switch, bogie lift (MD4)
133	Switch, bogie lift (ME40)
133	Switch, bogie lift (ZB55)
144	Switch, battery master switch (AA8)
144	Switch, battery master switch (ZA4)
144	Switch, battery master switch (ZA43)
147	Switch, direction indicators (CN7)
149	Switch, horn (FA6)
149	Switch, horn (ZA55)
150	Switch, starting switch (AA15)
157	Switch, air horn (FA9)
157	Switch, air horn (ZA55)
172	Switch, extra (EN10)
172	Switch, extra (TA5)
179	Switch, 3rd axle lock (LJ28)
179	Switch, 3rd axle lock (LL10)
1101	Switch, parking heater (ZE23)
1101	Switch, parking heater (ZG13)
1105	Switch, levelling control, headlights (PA10)
1105	Switch, levelling control, headlights (ZA59)
1107	Switch, door lock (KH16)
1107	Switch, door lock (ZA46)
1122	Switch, retarder (AC52)
1132 D	Switch, el. operated rearview mirror (HH11)
1132 D	Switch, el. operated rearview mirror (ZA50)
1132 P	Switch, el. operated rearview mirror (HH5)
1132 P	Switch, el. operated rearview mirror (ZA50)
1135	Switch, cruise control (AC40)
1146	Switch, snooze function/radio (ER37)
1146	Switch, snooze function/radio (ES39)
1146	Switch, snooze function/radio (ZA22)
1147 A	Switch, cab tilt pump (HP11)
1147 A	Switch, cab tilt pump (ZB50)
1147 B	Switch, cab tilt pump (HP10)
1148	Switch, storage compartment lighting (EV4)
1149	Switch, PTO (ZA62)
1149 1	Switch, PTO (LD7)
1149 1	Switch, PTO (LE8)
1149 2	Switch, PTO (LE19)
1150	Switch, fuel filter heater (HM7)
1150	Switch, fuel filter heater (ZA64)
1152	Switch, multi-function display (NA33)
200	Break contact, warning light, parking brake (NB56)
200	Break contact, warning light, parking brake (NZ54)
200	Break contact, warning light, parking brake (ZB39)
205 D	Break contact, interior light (ER5)
205 D	Break contact, interior light (ES5)
205 D	Break contact, interior light (ZA48)
205 P	Break contact, interior light (ER16)
205 P	Break contact, interior light (ES17)
205 P	Break contact, interior light (ZB36)
207	Closing contact, indicator light, diff. lock, rear wheels (LG23)
207	Closing contact, indicator light, diff. lock, rear wheels (ZB14)
207 R	Closing contact, indicator light, diff. lock, rear wheels (LG18)
207 R	Closing contact, indicator light, diff. lock, rear wheels (ZB10)
211	Closing contact, indicator light, bogie lift (MA16)
211	Closing contact, indicator light, bogie lift (MD29)
214	Closing contact, indicator light, low split (NB50)
214	Closing contact, indicator light, low split (NZ48)
214	Closing contact, indicator light, low split (ZA52)
216 A	Closing contact, brake lights (CK8)
216 A	Closing contact, brake lights (ZB44)
216 B	Closing contact, brake lights (CK4)
216 B	Closing contact, brake lights (ZB42)
216 C	Closing contact, brake lights (CK4)
217	Closing contact, reversing lights (EA4)
217	Closing contact, reversing lights (PD3)
217	Closing contact, reversing lights (ZA52)
218	Break contact, exh-pressure governor (AC16)
218	Break contact, exh-pressure governor (ZB39)
223	Slip contact, horn (FA7)
223	Slip contact, horn (ZA56)
228 L	Closing contact, cab lock (NA40)
228 L	Closing contact, cab lock (ZA35)
228 R	Closing contact, cab lock (NA42)
228 R	Closing contact, cab lock (ZA35)
258	Break contact, thermal, bogie lift (ZA47)
2003	Thermostat, parking heater (HB11)
2003	Thermostat, parking heater (HC27)
2003	Thermostat, parking heater (ZB7)
2003	Thermostat, parking heater (ZE12)
2003	Thermostat, parking heater (ZG27)
2004 L	Break contact, lighting luggage compartment (ER53)
2004 L	Break contact, lighting luggage compartment (ES60)
2007	Break contact, clutch pedal (AC34)
2008	Break contact, brake pedal (AC32)
2018	Contact, oil pressure, power steering (NB36)
2018	Contact, oil pressure, power steering (NZ35)
2018	Contact, oil pressure, power steering (ZA21)
2019	Contact, lock, seat belt (NB47)
2019	Contact, lock, seat belt (NZ47)
2019	Contact, lock, seat belt (ZA28)
2020	Contact, bunk lock (ZA41)
2020 L	Contact, bunk lock (ES54)
2020 R	Contact, bunk lock (ES53)
2067	Closing contact, indicator lamp/air pressure (LO34)
2074	Contact, low range (AC9)
301	Relay, fog lights (CG5)
302	Relay, spot lights (CH5)
302	Relay, spot lights (CI5)
303	Relay, loading lights (ED6)
303	Relay, loading lights (ZB49)
305	Relay, reversing lights (EA8)
305	Relay, reversing lights (PD5)
306	Relay, full beams (CE55)
307	Relay, dipped beams (CE48)
308	Relay, brake lights (CK8)
308 B	Relay, brake lights (CK15)
309 L	Relay, parking lights (CE19)
309 L	Relay, parking lights (ZB61)
309 R	Relay, parking lights (CE26)
309 R	Relay, parking lights (ZB61)
312	Relay, starting heater (BJ51)
312	Relay, starting heater (BL51)
312	Relay, starting heater (BM51)
313	Relay, bogie lift motor (MA23)
313	Relay, bogie lift motor (MD33)
314 A	Relay, bogie lift (LJ6)
314 A	Relay, bogie lift (MA15)
314 A	Relay, bogie lift (MD17)

314 B	Relay, bogie lift (LJ11)
314 B	Relay, bogie lift (ZB24)
314 D	Relay, bogie lift (MD9)
314 D	Relay, bogie lift (ZB55)
315	Relay, starting switch (ZB61)
315 R	Relay, starting switch (AA42)
317	Relay, headlamp wiper (GA16)
317	Relay, headlamp wiper (ZB39)
321	Relay, interval wipe (GA27)
323	Relay, flasher unit (CN3)
323	Relay, flasher unit (ZB29)
326 X	Relay, extra fuse holder (XA13)
326 X	Relay, extra fuse holder (ZB49)
327	Relay, heated rearview mirror (HG4)
343	Relay, fog lights, rear (CG12)
345	Relay, start inibitor (LO12)
345	Relay, start inibitor (LP13)
348 A	Relay, fan (HA6)
348 A	Relay, fan (ZB63)
348 B	Relay, fan (HB37)
348 B	Relay, fan (HC35)
348 B	Relay, fan (ZB2)
348 B	Relay, fan (ZE33)
348 B	Relay, fan (ZG35)
356	Relay, dipped beams (CE40)
360	Relay, engage inhibitor, power take-off (LD3)
360	Relay, engage inhibitor, power take-off (LE4)
360	Relay, engage inhibitor, power take-off (ZB60)
363	Relay, extra equipment (EN8)
364	Operating controls, bogie lift (MA15)
364	Operating controls, bogie lift (MD17)
365 D	Relay, electrical window winder, up (KA20)
365 D	Relay, electrical window winder, up (ZB34)
365 P	Relay, electrical window winder, up (KA3)
365 P	Relay, electrical window winder, up (ZB34)
366 D	Relay, electrical window winder, down (KA32)
366 D	Relay, electrical window winder, down (ZB34)
366 P	Relay, electrical window winder, down (KA13)
366 P	Relay, electrical window winder, down (ZB34)
379	Relay, injection pump (AC17)
397	Relay, retarder 1 (OG12)
398	Relay, retarder 2 (OG5)
3005	Alternator-controlled relay (AA52)
3005	Alternator-controlled relay (ZB63)
3017	Time relay, axle-load limiter (MD16)
3017	Time relay, axle-load limiter (ZB53)
3018	Relay, control unit parking heater (HC5)
3018	Relay, control unit parking heater (ZG3)
3018 A3	Relay, control unit parking heater (ZB2)
3019 A	Relay box, air suspension (ME26)
3019 A	Relay box, air suspension (MF26)
3019 A	Relay box, air suspension (MG13)
3019 B	Relay box, air suspension (ME45)
3019 B	Relay box, air suspension (MF41)
3019 B	Relay box, air suspension (MG26)
3023	Relay, information ABS (CL12)
3023	Relay, information ABS (OA13)
3023	Relay, information ABS (OB12)
3023	Relay, information ABS (ZB15)
3023	Relay, information ABS (ZB27)
3023	Relay, information ABS (ZB49)
3030	Relay, stop (PD23)
3070 A	Relay, locking, 3rd axle (LJ23)
3070 A	Relay, locking, 3rd axle (LL5)
3070 B	Relay, locking, 3rd axle (LJ32)
3070 B	Relay, locking, 3rd axle (LL16)
3073	Relay, Geartronic 1 (LO4)
3073	Relay, Geartronic 1 (LP4)
3073	Relay, Geartronic 1 (ZA12)
3075	Relay, central lock (KH12)
3075	Relay, central lock (ZA54)
3076	Relay, adjustable seat (HE18)
3076	Relay, adjustable seat (ZA55)
3101	Relay, interior lighting (ER12)
3101	Relay, interior lighting (ES12)
3101	Relay, interior lighting (ZB60)
3102	Relay, cab tilt pump (HP10)
3102A	Relay, cab tilt pump (NB56)
3102A	Relay, cab tilt pump (NZ54)
3103	Relay, fuel filter heater (HM7)
3109	Relay, range restriction (AC11)
3111	Relay, refrigerator (TA13)
3113	Relay, Central lubrication system (TB4)
3113	Relay, Central lubrication system (ZB39)
400 L	Bulb, full beams and dipped beams (CE49)
400 L	Bulb, full beams and dipped beams (ZA21)
400 R	Bulb, full beams and dipped beams (CE53)
400 R	Bulb, full beams and dipped beams (ZB2)
401 L	Bulb, fog lights (CG6)
401 L	Bulb, fog lights (ZA19)
401 R	Bulb, fog lights (CG8)
401 R	Bulb, fog lights (ZB4)
402 L	Bulb, spot lights (CH5)
402 L	Bulb, spot lights (CI5)
402 L	Bulb, spot lights (ZA21)
402 R	Bulb, spot lights (CH6)
402 R	Bulb, spot lights (CI6)
402 R	Bulb, spot lights (ZB6)
403	Bulb, loading light (ED6)
403	Bulb, loading light (ZA37)
404	Bulb, fifth wheel light (ED3)
404	Bulb, fifth wheel light (ZA37)
405 L	Bulb, reversing lights (EA8)
405 L	Bulb, reversing lights (PD6)
405 L	Bulb, reversing lights (ZB14)
405 R	Bulb, reversing lights (EA9)
405 R	Bulb, reversing lights (PD8)
405 R	Bulb, reversing lights (ZB20)
408	Bulb, parking light, left front (CE14)
408	Bulb, parking light, left front (ZB6)
409	Bulb, parking light, right front (CE32)
409	Bulb, parking light, right front (ZA19)
410	Bulb, brake light, left (CK9)
410	Bulb, brake light, left (ZB12)
411	Bulb, brake light, right (CK12)
411	Bulb, brake light, right (ZB18)
412	Bulb, tail light, left (CE18)
412	Bulb, tail light, left (ZB12)
413	Bulb, tail light, right (CE26)
413	Bulb, tail light, right (ZB18)
414	Bulb, side marker light, left, front (CE12)
414	Bulb, side marker light, left, front (ZA19)
415	Bulb, side marker light, right, front (CE34)
415	Bulb, side marker light, right, front (ZB6)
416	Bulb, side marker light, left, centre (CE17)
416	Bulb, side marker light, left, centre (ZB13)
417	Bulb, side marker light, right, centre (CE29)
417	Bulb, side marker light, right, centre (ZB19)
420	Bulb, position light, roof, left (CE37)
420	Bulb, position light, roof, left (ZA31)
421	Bulb, position light, roof, right (CE9)
421	Bulb, position light, roof, right (ZA30)
422	Bulb, dir. indicator, left, front (CN9)
422	Bulb, dir. indicator, left, front (ZA21)

423	Bulb, dir. indicator, right, front (CN10)
423	Bulb, dir. indicator, right, front (ZB4)
426	Bulb, dir. indicator, left, rear (CN14)
426	Bulb, dir. indicator, left, rear (ZB14)
427	Bulb, dir. indicator, right, rear (CN15)
427	Bulb, dir. indicator, right, rear (ZB20)
428	Bulb, rotating warning lamp (EN8)
429	Bulb, cigarette lighter lighting (EV10)
430	Bulb, licence plate light (CE28)
430	Bulb, licence plate light (ZB18)
433 D	Bulb, instep light (ER4)
433 D	Bulb, instep light (ES4)
433 D	Bulb, instep light (ZA46)
433 P	Bulb, instep light (ER19)
433 P	Bulb, instep light (ES19)
433 P	Bulb, instep light (ZB36)
434 C	Bulb, interior light (ER26)
434 C	Bulb, interior light (ES31)
434 C	Bulb, interior light (ZA22)
434 L	Bulb, interior light (ER8)
434 L	Bulb, interior light (ES8)
434 L	Bulb, interior light (ZA38)
434 R	Bulb, interior light (ER13)
434 R	Bulb, interior light (ES13)
434 R	Bulb, interior light (ZA38)
435 LC	Bulb, bunk light (ES23)
435 LC	Bulb, bunk light (ZA35)
435 LL	Bulb, bunk light (ER43)
435 LL	Bulb, bunk light (ES40)
435 LL	Bulb, bunk light (ZA19)
435 LU	Bulb, bunk light (ES36)
435 LU	Bulb, bunk light (ZA19)
435 RC	Bulb, bunk light (ES27)
435 RC	Bulb, bunk light (ZA36)
435 RL	Bulb, bunk light (ER46)
435 RL	Bulb, bunk light (ES43)
435 RL	Bulb, bunk light (ZA22)
435 RU	Bulb, bunk light (ES46)
435 RU	Bulb, bunk light (ZA19)
437 C	Bulb, identification light, front (CE3)
437 C	Bulb, identification light, front (ZA24)
437 L	Bulb, identification light, front (CE3)
437 L	Bulb, identification light, front (ZA24)
437 R	Bulb, identification light, front (CE3)
437 R	Bulb, identification light, front (ZA24)
440	Bulb, heater control light (CE39)
440	Bulb, heater control light (ZB50)
447	Bulb, ashtray light (EV13)
447	Bulb, ashtray light (ZA25)
450	Bulb, roof sign light (EN16)
451	Bulb, rear fog light, left (CG13)
451	Bulb, rear fog light, left (ZB12)
452	Bulb, rear fog light, right (CG15)
452	Bulb, rear fog light, right (ZB18)
468	Fluorescent tube, roof lighting (EJ14)
468 L	Fluorescent tube, roof lighting (EK14)
468 R	Fluorescent tube, roof lighting (EK14)
4052 L	Combination lamp, rear (ZB12)
4052 R	Combination lamp, rear (ZB18)
4057	Lighting, storage compartment (ER53)
4057	Lighting, storage compartment (ES60)
500	Indicator light, dir. indicator, tractor (NB40)
500	Indicator light, dir. indicator, tractor (NZ39)
501	Indicator light, dir. indicator, trailer 1 (NB41)
501	Indicator light, dir. indicator, trailer 1 (NZ41)
504	Indicator light, full beams (NB44)
504	Indicator light, full beams (NZ45)
508	Warning light, parking brake (NB55)
508	Warning light, parking brake (NZ54)
510	Indicator light, diff. lock, rear wheels (NB38)
510	Indicator light, diff. lock, rear wheels (NZ38)
511	Indicator light, diff. lock, inter-axles (NB38)
511	Indicator light, diff. lock, inter-axles (NZ38)
547	Central warning for indicator and warning lights (NB42)
547	Central warning for indicator and warning lights (NZ44)
5009	Indicator lamp, vehicle, ABS (NB52)
5009	Indicator lamp, vehicle, ABS (NZ51)
5010	Indicator lamp, trailer, ABS (NB54)
5010	Indicator lamp, trailer, ABS (NZ53)
5014	Indicator lamp, split (NB49)
5014	Indicator lamp, split (NZ48)
5032	Warning lamp, seat belt (NB46)
5032	Warning lamp, seat belt (NZ47)
5035	Warning lamp, steering servo circuit 2 (PSS-DUAL) (NB35)
5035	Warning lamp, steering servo circuit 2 (PSS-DUAL) (NZ35)
600 A	Solenoid valve, exhaust brake (BN44)
600 B	Solenoid valve, exhaust brake (BN46)
601	Solenoid valve, diff. lock, rear wheels (LG7)
601	Solenoid valve, diff. lock, rear wheels (ZB44)
602	Solenoid valve, diff. lock inter axles (LG5)
602	Solenoid valve, diff. lock inter axles (ZB45)
603	Solenoid valve, engine shut-down (BJ26)
603	Solenoid valve, engine shut-down (BM26)
606	Solenoid valve, bogie lift, up (MA5)
606	Solenoid valve, bogie lift, up (MD5)
606	Solenoid valve, bogie lift, up (ZA47)
606 NC	Solenoid valve, bogie lift, up (LJ13)
606 NO	Solenoid valve, bogie lift, up (LJ8)
614	Solenoid valve, range inhibitor (AC7)
626	Solenoid valve, exh. pressure governor (BJ41)
626	Solenoid valve, exh. pressure governor (BL44)
626	Solenoid valve, exh. pressure governor (BM41)
646	Solenoid valve, 3rd axle lock (LJ28)
646	Solenoid valve, 3rd axle lock (LL10)
650	Windscreen wiper motor (GA29)
650	Windscreen wiper motor (ZA22)
651	Windscreen washer motor (GA3)
651	Windscreen washer motor (ZA44)
652 L	Headlamp wiper motor (GA15)
652 L	Headlamp wiper motor (ZA19)
652 R	Headlamp wiper motor (GA19)
652 R	Headlamp wiper motor (ZB4)
653	Headlamp washer motor (GA9)
653	Headlamp washer motor (ZA44)
654	Starter motor (AA14)
654	Starter motor (ZA45)
656	Bogie lift motor (MA23)
656	Bogie lift motor (MD33)
657	Fan (heater) (HA17)
657	Fan (heater) (ZB14)
657 ATC	Fan (heater) (HA17)
660	Alternator with charging regulator (AA22)
660	Alternator with charging regulator (ZA49)
660	Alternator with charging regulator (ZD21)
661 D	Window winder motor (KA26)
661 P	Window winder motor (KA8)
6013 LF	Solenoid control valve, ABS (OA29)
6013 LF	Solenoid control valve, ABS (OB31)
6013 LF	Solenoid control valve, ABS (ZB28)

6013 LR	Solenoid control valve, ABS (OA45)
6013 LR	Solenoid control valve, ABS (OB46)
6013 LR	Solenoid control valve, ABS (ZB31)
6013 RF	Solenoid control valve, ABS (OA37)
6013 RF	Solenoid control valve, ABS (OB38)
6013 RF	Solenoid control valve, ABS (ZB29)
6013 RR	Solenoid control valve, ABS (OA53)
6013 RR	Solenoid control valve, ABS (OB54)
6013 RR	Solenoid control valve, ABS (ZB32)
6018	Solenoid valve, retarder (LP60)
6018	Solenoid valve, retarder (OG19)
6024	Solenoid valve, pto (LD6)
6024	Solenoid valve, pto (LP31)
6024	Solenoid valve, pto (ZB42)
6024 A	Solenoid valve, pto (LE8)
6024 A	Solenoid valve, pto (ZB39)
6024 B	Solenoid valve, pto (LE18)
6024 B	Solenoid valve, pto (ZB41)
6025	Solenoid valve, low range (LO59)
6026	Solenoid valve, high range (LO58)
6027	Solenoid valve, clutch disengaged, slow (LO45)
6028	Solenoid valve, clutch disengaged, fast (LO47)
6029	Solenoid valve, clutch engaged, fast (LO48)
6035 C	Solenoid valve, level control, electronic (ME13)
6035 C	Solenoid valve, level control, electronic (MF13)
6035 C	Solenoid valve, level control, electronic (MG7)
6035 LF	Solenoid valve, level control, electronic (ME8)
6035 LF	Solenoid valve, level control, electronic (MF8)
6038	Solenoid valve, clutch, slow (LO44)
6039	Solenoid valve, low split (LO63)
6040	Solenoid valve, high split (LO62)
6045	Solenoid valve, trailing axle (ME21)
6048 A	Solenoid valve block, gearbox (LO28)
6048 B	Solenoid valve block, gearbox (LO53)
6050	Solinoid valve,range restriction (AC12)
6050	Solinoid valve,range restriction (ZA53)
6052	Fan motor, parking heater (HB13)
6052	Fan motor, parking heater (HC18)
6054	Fuel pump, parking heater (HB2)
6054	Fuel pump, parking heater (HC2)
6054	Fuel pump, parking heater (ZE3)
6054	Fuel pump, parking heater (ZG3)
6055	Coolant pump, parking heater (HC22)
6056	Motor, levelling control, headlights (PA10)
6056	Motor, levelling control, headlights (PA4)
6058 D	Motor, door lock (KH17)
6058 D	Motor, door lock (ZA50)
6058 P	Motor, door lock (KH8)
6058 P	Motor, door lock (ZB36)
6070	Motor, cab tilt pump (HP10)
6070	Motor, cab tilt pump (ZA8)
6071	Injection pump (BJ45)
6071	Injection pump (BN45)
6072	Unit injectors, UI (BL29)
6073	Pump, chassis lubrication, automatic (TB6)
6073	Pump, chassis lubrication, automatic (ZB38)
6103	Solenoid valve, compressor (AC4)
702	Combined instrument (NA4)
702	Combined instrument (NB7)
702	Combined instrument (NC3)
702	Combined instrument (NZ15)
702 A5	Combined instrument (ZA6)
702 A6	Combined instrument (ZA7)
753 A	Engine, speed sensor (BJL6)
753 A	Engine, speed sensor (BL6)
753 A	Engine, speed sensor (BM6)
753 B	Engine, speed sensor (BJ9)
753 B	Engine, speed sensor (BL9)
754	Pressure sensor air (AC19)
754	Pressure sensor air (OG20)
756	Temperature sensor, coolant (BJ26)
756	Temperature sensor, coolant (BL21)
756	Temperature sensor, coolant (BM26)
757	Fuel gauge sensor (NA17)
758	Gearbox, speed sensor (LO61)
759	Level indicator, coolant (BJ16)
759	Level indicator, coolant (BL17)
759	Level indicator, coolant (BM17)
762	Oil temperature sensor, gearbox (LO37)
767	Oil temperature sensor, torque converter (LP30)
7004	Refrigerator (TA15)
7008	Air-operated horn (FA4)
7009	Alarm clock/timer (ER30)
7009	Alarm clock/timer (ES32)
7009	Alarm clock/timer (HB30)
7009	Alarm clock/timer (HC13)
7009	Alarm clock/timer (ZA19)
7010	Display, monitor, Dynafleet (NX10)
7052	Sensor, speedometer (NB21)
7052	Sensor, speedometer (NZ10)
7053	Inductive sensor, bogie lift (MD9)
7053	Inductive sensor, bogie lift (ZB55)
7057 LF	Sensor, wheel speed (OA26)
7057 LF	Sensor, wheel speed (OB27)
7057 LR	Sensor, wheel speed (OA42)
7057 LR	Sensor, wheel speed (OB43)
7057 RF	Sensor, wheel speed (OA34)
7057 RF	Sensor, wheel speed (OB35)
7057 RR	Sensor, wheel speed (OA50)
7057 RR	Sensor, wheel speed (OB51)
7058 ATC	Sensor, inner temperature (HA22)
7059	Sensor, outer temperature (NA26)
7060 SEROT	Sensor, temperature, retarder (OG25)
7060 SERWT	Sensor, temperature, retarder (OG28)
7064	Sensor, air pressure-air suspension (ME25)
7065	Sensor, accelerator pedal (AC22)
7065 A	Sensor, accelerator pedal (AC28)
7068	Sensor, clutch position (LO40)
7069	Sensor, battery charging (NA29)
7072 LF	Sensor, level control (ME11)
7072 LF	Sensor, level control (MF11)
7072 LR	Sensor, level control (ME16)
7072 LR	Sensor, level control (MF16)
7072 RR	Sensor, level control (ME21)
7072 RR	Sensor, level control (MF21)
7072 RR	Sensor, level control (MG8)
7073	Sensor, needle indicator (BJ13)
7077	Sensor, gear position (LO49)
7078	Sensor, gear position (rear position) (LO52)
7079	Sensor, split position (LO55)
7080	Sensor, range position (LO58)
7081	Sensor, boost pressure and boost temperature (BL13)
7081	Sensor, boost pressure and boost temperature (BJ18)
7081	Sensor, boost pressure and boost temperature (BM18)
7082	Sensor, oil pressure and oil temperature (BJ29)
7082	Sensor, oil pressure and oil temperature (BL23)
7082	Sensor, oil pressure and oil temperature (BM29)
7083	Sensor, fuel pressure and fuel pump (BJ3)
7083	Sensor, fuel pressure and fuel pump (BL3)
7083	Sensor, fuel pressure and fuel pump (BM3)

7084	Sensor, air filter pressure and air filter temperature (BJ8)
7084	Sensor, air filter pressure and air filter temperature (BL8)
7084	Sensor, air filter pressure and air filter temperature (BM8)
800	Starting heater (BJ58)
800	Starting heater (BL57)
800	Starting heater (BM57)
800	Starting heater (ZA51)
802 L	Heated rearview mirror (HG4)
802 L	Heated rearview mirror (ZA27)
802 R	Heated rearview mirror (HG9)
802 R	Heated rearview mirror (ZB21)
803	Heated seat (HE7)
803	Heated seat (HE12)
803 L	Heated seat (ZA30)
803 R	Heated seat (ZA32)
804	Cigarette lighter (ER49)
804	Cigarette lighter (ES49)
804	Cigarette lighter (EV8)
804	Cigarette lighter (ZA22)
804	Cigarette lighter (ZA25)
805	Rheostat (NB20)
805	Rheostat (NZ20)
810	Heated air dryer (HK4)
810	Heated air dryer (ZB24)
812 D	El. operated rearview mirror (HH10)
812 D	El. operated rearview mirror (ZA27)
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850	Horn (FA7)
858	Buzzer, reverse warner (EA20)
858	Buzzer, reverse warner (EA23)
858	Buzzer, reverse warner (EA27)
858	Buzzer, reverse warner (ZB12)
858	Buzzer, reverse warner (ZB15)
858	Buzzer, reverse warner (ZB16)
8001	Inductor, sign lighting (EJ8)
8001	Inductor, sign lighting (EK8)
8001	Inductor, sign lighting (ZA33)
8015 L	El. operated seat (ZA30)
8015 R	El. operated seat (ZA32)
8016	Fuel filter heater (HM14)
8016	Fuel filter heater (ZA15)
8017	Water separator (HO6)
8017	Water separator (ZA63)
8018 2	El. connected seat (NB47)
8018 2	El. connected seat (NZ47)
8018 4	El. connected seat (NB47)
8018 4	El. connected seat (NZ47)
8018 L	El. connected seat (HE6)
8018 L	El. connected seat (HE18)
8018 L4	El. connected seat (ZA30)
8018 R	El. connected seat (HE12)
8018 R	El. connected seat (HE23)
8018 R4	El. connected seat (ZA32)
900	Radio (JA7)
900	Radio (ZB14)
901 B	Voltage converter (EX11)
901 R	Voltage converter (EX4)
901 R	Voltage converter (ZA5)
901 R	Voltage converter (ZB27)
902 DD	Loudspeaker (JA12)
902 DP	Loudspeaker (JA15)
902 LF	Loudspeaker (JA6)
902 LR	Loudspeaker (JA18)
902 RF	Loudspeaker (JA9)
902 RR	Loudspeaker (JA21)
913	Mobile telephone (ZB26)
917	Aerial (AA28)
952	Magnetic clutch, air conditioning (HA13)
961	Engine/cab heater (HB8)
961	Engine/cab heater (HC7)
961	Engine/cab heater (ZB4)
961	Engine/cab heater (ZE8)
972 L	Lock, bunk (ES58)
9001	Pressure monitor, bogie lift (LJ5)
9006	Glow plug, parking heater (HB28)
9006	Glow plug, parking heater (HC16)
9006	Glow plug, parking heater (ZE28)
9008	Control unit, ABS (OA26)
9008	Control unit, ABS (OB25)
9008	Control unit, ABS (ZB16)
9008:4	Control unit, ABS (ZB10)
9008:9	Control unit, ABS (ZB10)
9008:11	Control unit, ABS (ZB20)
9008:12	Control unit, ABS (ZB22)
9009	Control box, air suspension, rigids (ME33)
9009	Control box, air suspension, rigids (MF33)
9009	Control box, air suspension, rigids (ZB58)
9010	Control box, air suspension, tractors (ME44)
9010	Control box, air suspension, tractors (MF43)
9010	Control box, air suspension, tractors (MG18)
9010	Control box, air suspension, tractors (ZB57)
9012	Current limiter (ZD10)
9026 F	Socket, 12 V (EX14)
9026 F	Socket, 12 V (ZA11)
9028	Contact roller, air bag (KE8)
9029	Termination resistor, comm. bus (AC27)
9029	Termination resistor, comm. bus (LO32)
9029	Termination resistor, comm. bus (LP40)
9029	Termination resistor, comm. bus (OG12)
9057	Control unit, automatic transmission (LO27)
9057	Control unit, automatic transmission (LP27)
9057	Control unit, automatic transmission (OG7)
9057	Control unit, automatic transmission (ZA15)
9070	Control unit, unit injector (BJ5)
9070	Control unit, unit injector (BL5)
9070	Control unit, unit injector (BM5)
9070	Control unit, unit injector (ZA13)
9072	Control unit, air bag (KE7)
9073	Control unit, air suspension (ME6)
9073	Control unit, air suspension (MF6)
9073	Control unit, air suspension (MG4)
9073	Control unit, air suspension (ZB53)
9074	Control unit, Vehicle ECU (AC4)
9074	Control unit, Vehicle ECU (PD25)
9074	Control unit, Vehicle ECU (ZB30)
9080	Control unit, gear selector (LO4)
9080	Control unit, gear selector (LP4)
9080	Control unit, gear selector (PD40)
9080	Control unit, gear selector (ZA14)
9081	Control unit, electronic immobiliser (AA26)
9081	Control unit, electronic immobiliser (ZB32)
9083	Control unit, Dynafleet log unit (NX3)
9085	Control unit, Dynafleet TMC (NX29)

Abbreviations

ABS	Antilock brake system
ADR-BAS	Basic ADR adaption
ATC	Automatic temperature control
CABLE-B	Tachograph cable, basic
CABLE-EC	Tachograph cable, European Comunity
DRIVL2	Two driving lamps
DRIVL2EC	Two driving lamps with dipped beam
DRL	Day running light
EXE	Except
FA-HIGH	Front axle ground clearance high, low offset
FA-LOW	Front axle ground clearance low, high offset
FA-STRAI	Front axle ground clearance high, no offset
FSS-AIR	Front spring system, air
FSS-LEAF	Front spring system, leaf
GSS-R	Range gear shifting
HYDRTRAN	Hydralic transmission
L1H1	Short cab
L2H1	Long cab
L2H2	Long high cab (Globetrotter)
LF	Left front
LHS	Left hand side
LR	Left rear
LOCK-CTL	Central door locking
LOCK-MAN	Manual door locking
LOCK-MRP	Manual door locking plus remote control of passenger door
MECHTRAN	Mechanical transmission
MIR-ELOP	El. heated and operated exterior mirror
PH-CAB	Cab parking heater
PH-ENGCA	Engine and cab parking heater
PSS-DUAL	Power steering system dual
RADT-AR	6x2, leaf spring
RADT-A6S	6x2, drive axle air spring, 3rd axle air spring and steered
RADT-LA	6x2, drive axle leaf spring, 3rd axle air spring and steered
RF	Right front
RHS	Right hand side
RIGID	Plattform or tipper truck
RR	Right rear
RSS-AIR	Rear spring system, air
SI-SPEED	Speedometer
SLCP-BAS	Basic version sleeper control panel
SLCP-LUX	Luxury version sleeper control panel
SUSPL-EC	Air suspension, electronic control system levelling device
TRACTOR	Semi-trailer tractor
UADR	Without ADR adaption
UMIR-AUX	Without exterior mirror features
USLCP	Without sleeper control panel
VT2014	Volvo transmission 2200NM 14 speed
WLIFT-EB	Electrical window lift, both doors
WLIFT-ME	Manual window lift

Cable colour code

BL	Blue
BN	Brown
GN	Green
GR	Grey
I	Ivory
LBL	Light blue
LBN	Light brown
OR	Orange
P	Pink
PU	Purple
R	Red
SB	Black
VO	Violet
W	White
Y	Yellow

Note: If a cable har two colours, this is written out like the following example: Y/R = Yellow/Red.

Feedback

One of our objectives is that workshop personnel should have access to correct and appropriate service manuals where it concerns fault tracing, repairs and maintenance of Volvo trucks.
In order to maintain the high standards of our literature, your opinions and experience when using this manual would be greatly appreciated.
If you have any comments or suggestions, make a copy of this page, write down your comments and send them to us, either via telefax or mailing directly to the address listed below.

To

Volvo Parts Corporation

Dept. Market Support 31100

S-405 08 GÖTEBORG

SWEDEN

Fax +46 31 661055

From

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Comments/proposals

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Concerns Service Manual: .....

VOLVO
Volvo Truck Corporation
Göteborg, Sweden

TSP127085 English 3500.1.99 Printed in Sweden

Service Manual
Trucks

Group **37**
Version **02**

Wiring diagram

FM7, FM10, FM12 RHD

To be inserted into the binders for FM, FH.

TSP127553

Foreword

The descriptions and service procedures contained in this manual are based on designs and methods studies carried out up to December 1998.

The products are under continuous development. Vehicles and components produced after the above date may therefore have different specifications and repair methods. When this is judged to have a significant bearing on this manual, supplementary service bulletins will be issued to cover the changes.

The new edition of this manual will update the changes.

In service procedures where the title incorporates an operation number, this is a reference to V.S.T. (Volvo Standard Times).

Service procedures which do not include an operation number in the title are for general information and no reference is made to V.S.T.

The following levels of observations, cautions and warnings are used in this Service Documentation:

Note: Indicates a situation, handling or circumstance which should be observed.

Important: Indicates a situation, handling or circumstance which should be emphasized so as not to lead to personal injury or damage to property.

Caution: Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury or damage to property.

Warning: Indicates a potentially hazardous situation which, if not avoided, could result in death, serious injury or major damage to property.

Danger: Indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.

Volvo Truck Corporation
Göteborg, Sweden

The following information will be superseded by this manual:			
SM	Group	37	TSP 104001

Order number: TSP127553

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Fuses on circuit card electrical centre 117

Relays on circuit card electrical centre 118

Cable harness illustration index 119

List of connectors 124

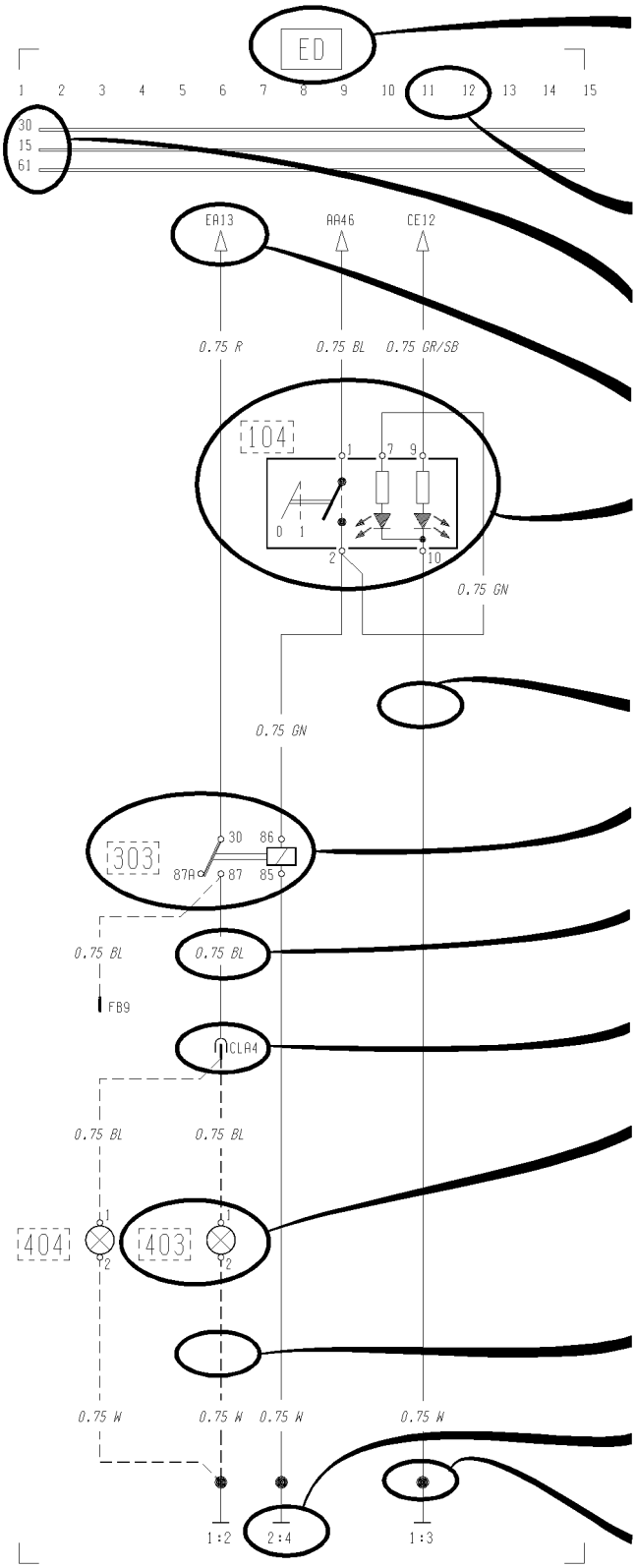
List of components 131

Abbreviations 137

Cable colour code 138

Feedback

Example of wiring diagram



T3009608

Refer to the list of contents for the designation of the circuit diagram. If the circuit diagram designation is boxed in with broken lines this means that the circuit diagram is not standard on all market or vehicle models.

Seek column.

30 Voltage battery, kl.30.
15 Voltage with starting key in drive position, kl.15.
61 Voltage when alternator charges, kl.61.

Reference arrow (for circuit diagram EA, seek column 13).

Switch, comp. no. (104).

Single lines, cables.

Relay, comp. no. (303).

Cable area and colour (0.75 mm^2 blue).

Connector (CLA terminal 4).

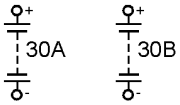
Bulb, comp. no. (403)
A broken line box round the component number shows that the component is not standard on all markets or vehicle models.

If the line is broken this means the cable is not standard on all markets or vehicle model.

Earth connection point no: 2. and earth terminal no: 4. (see diagram Earth Connections).

Joint sleeve.

Examples of symbols on wiring diagram



Battery

Connector

Junktion

Fuse

Joint sleeve

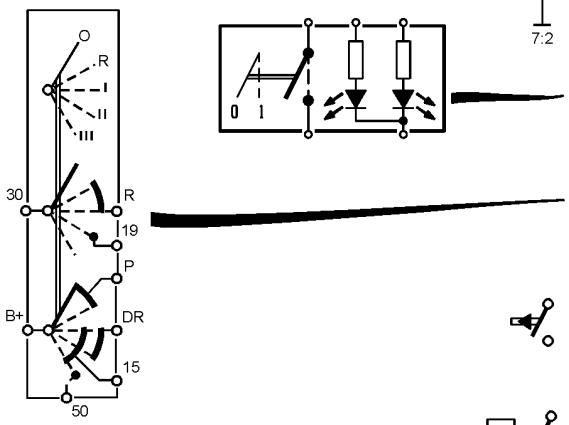
Cable

Twisted cables

Conductor on circuit card

Earth connection and cable

Switch



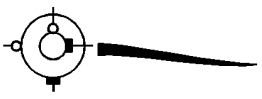
Switch, starting switch

Closing contakt

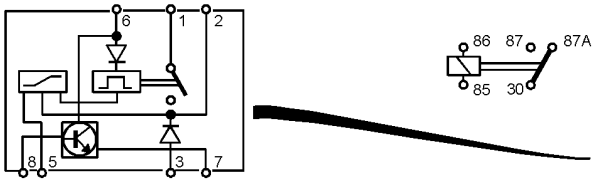
Closing contakt, pressure-regulated

Break contakt, temperature-regulated

Closing contakt, time-regulated



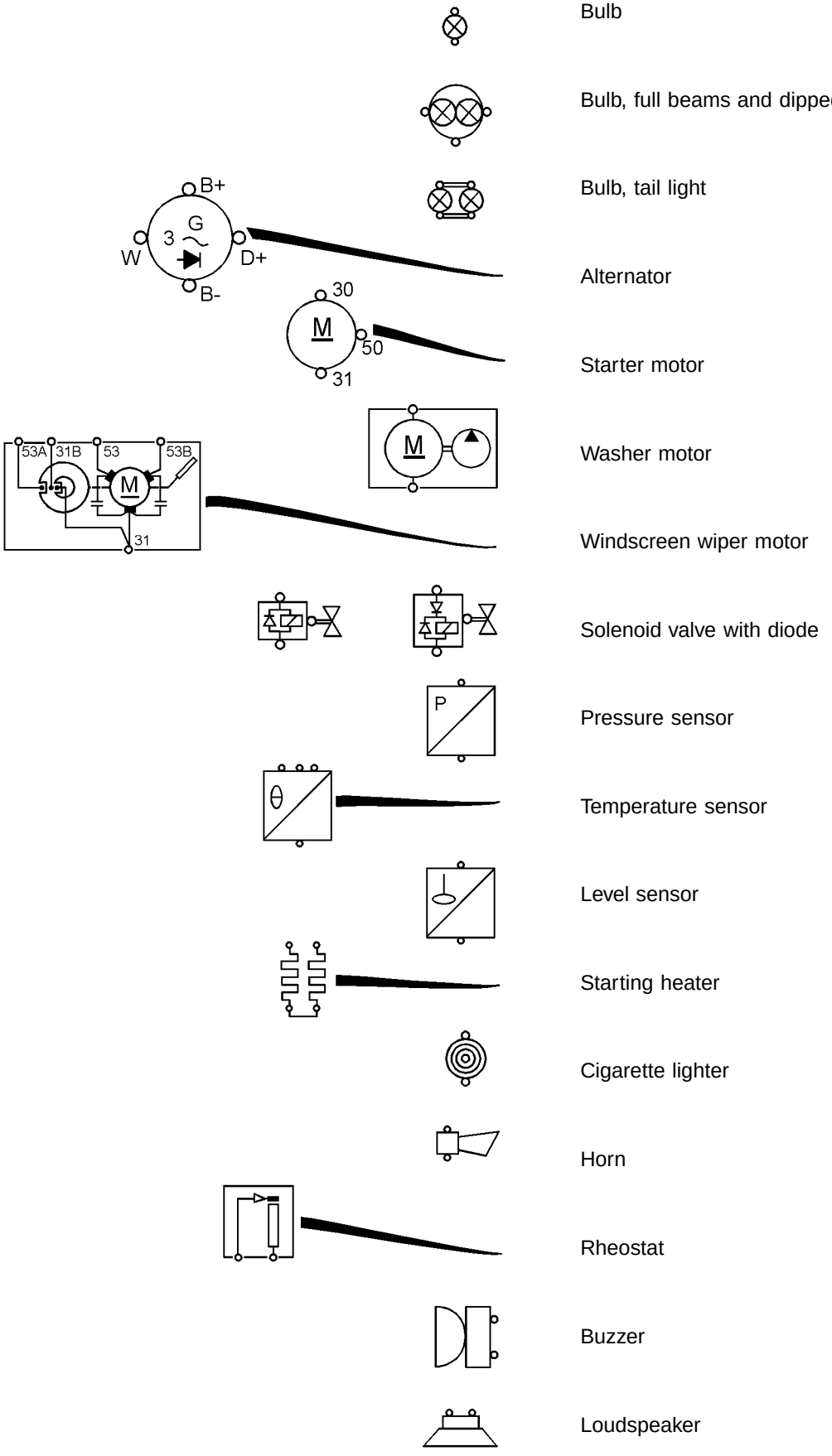
Slip contakt, horn



Relay

Relay with internal circuit diagram

T3009609



Bulb

Bulb, full beams and dipped beams

Bulb, tail light

Alternator

Starter motor

Washer motor

Windscreen wiper motor

Solenoid valve with diode

Pressure sensor

Temperature sensor

Level sensor

Starting heater

Cigarette lighter

Horn

Rheostat

Buzzer

Loudspeaker

Component wiring diagram index

AA	Power supply, starting system, immobiliser	page 7
AC	Vehicle ECU	page 8
BJ	Engine ECU, fuel injection system, preheating, FM7	page 9
BL	Engine ECU, fuel injection system, preheating, FM12	page 10
BM	Engine ECU, fuel injection system, preheating, FM10	page 11
CE	Head light, parking light, marker light, dim–dip	page 12
CG	Fog light, rear fog light	page 13
CH	Spot light (STD) DRIVL2	page 14
CI	Spot light (EU) DRIVL2EC	page 14
CK	Brake light	page 15
CL	Trailer controlled exhaust brake	page 15
CN	Direction indicator, hazard warning light	page 16
EA	Reversing light, reversing warning alarm	page 16
ED	Loading light, fifth wheel light	page 17
EJ	Roof sign light, L1H1/L2H1	page 17
EK	Roof sign light, L2H2	page 17
ER	Interior light, L1H1/ L2H1, alarm clock/timer	page 18
ES	Interior light, L2H2, alarm clock/timer	page 19
EV	Cigarette lighter	page 20
EX	12 V power supply	page 20
FA	Horn	page 20
GA	Wiper, washer	page 21
HA	Climate unit	page 22
HB	Cab heater, EBERSPÄCHER D1LCC, PH-CAB	page 23
HE	Electrically heated and adjusted seat	page 24
HG	Electrically heated mirrors	page 24
HH	Electrically operated mirrors	page 25
HK	Air dryer	page 25
HM	Fuel filter heater	page 25
HP	Electrically cab tilt	page 26
JA	Radio	page 26
KA	Electrically operated window winders	page 27
KE	SRS, air-bag	page 27
KH	Central door lock	page 28

LD Power take-off ..... page 28

LE Double power take-off ..... page 29

LG Differential lock ..... page 29

LO Geartronic, automatic gearshift ..... page 30

LP Powertronic ..... page 31

LS GLU, gear selector, Geartronic ..... page 32

MA Bogie lift hydraulic, RADT-AR ..... page 33

MD Bogie lift hydraulic, with axle load limiter, RADT-AR ..... page 34

ME Air suspension, 6x2/6x4/8x2/8x4, SUSPL-EC ..... page 35

MF Air suspension, 4x2, SUSPL-EC ..... page 36

MG Rear air suspension, 4x2, TRACTOR, SUSPL-EC ..... page 37

NA Instrument LHS module ..... page 38

NB Instrument central module with tachograph ..... page 39

NC Instrument RHS module ..... page 40

NX Dynafleet ..... page 41

NZ Instrument central module without tachograph ..... page 42

OA Basic ABS, D-version ..... page 43

OB ABS/ASR, D-version ..... page 44

OG Retarder, manual gearshift ..... page 45

PA Headlight level control ..... page 46

PD Dual speed limiter ..... page 46

TA Refrigerator ..... page 47

TB Central lubrication system ..... page 47

XA Extra fuses, key switch relay ..... page 48

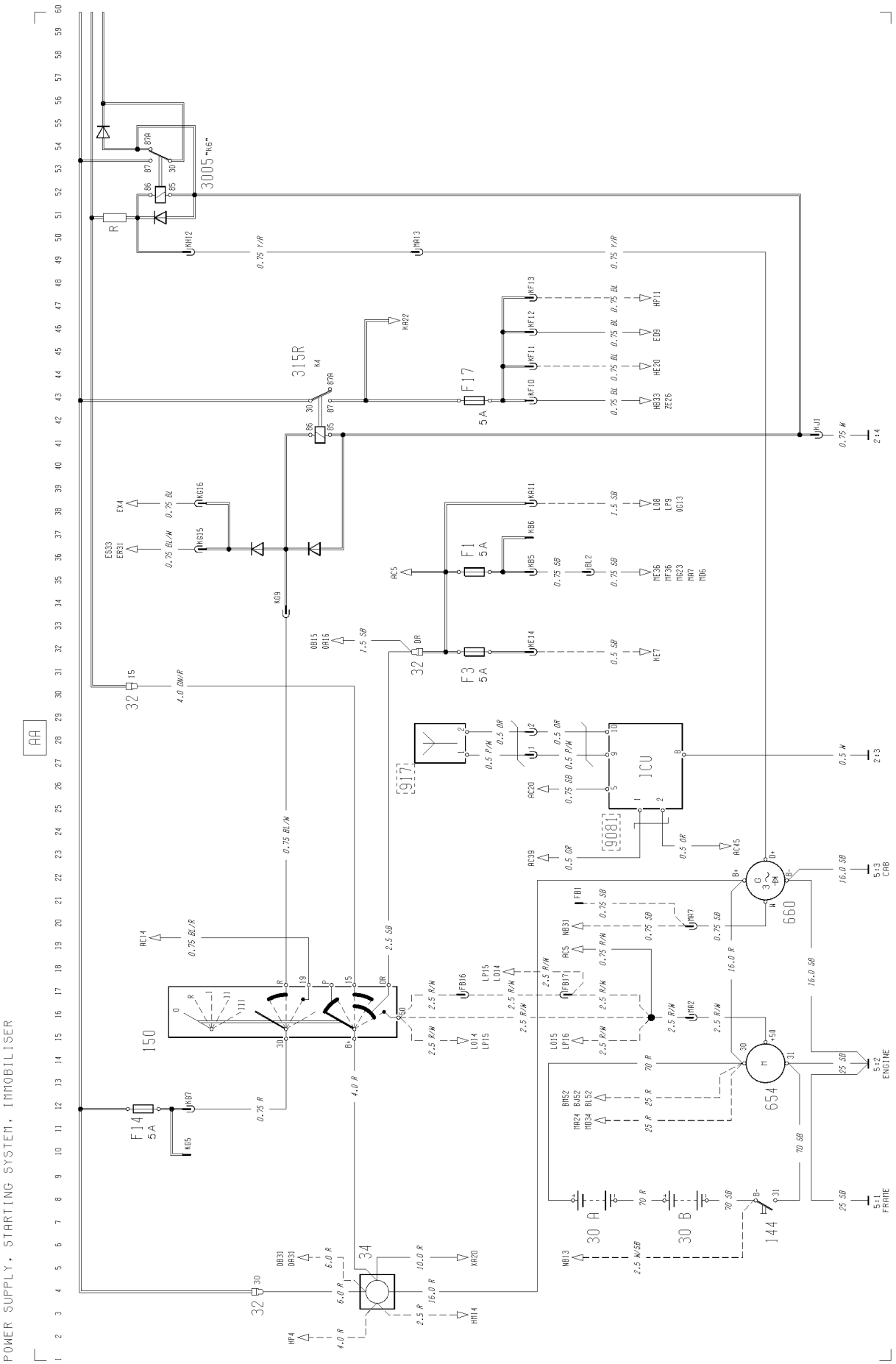
ZA Earth connections ..... page 49

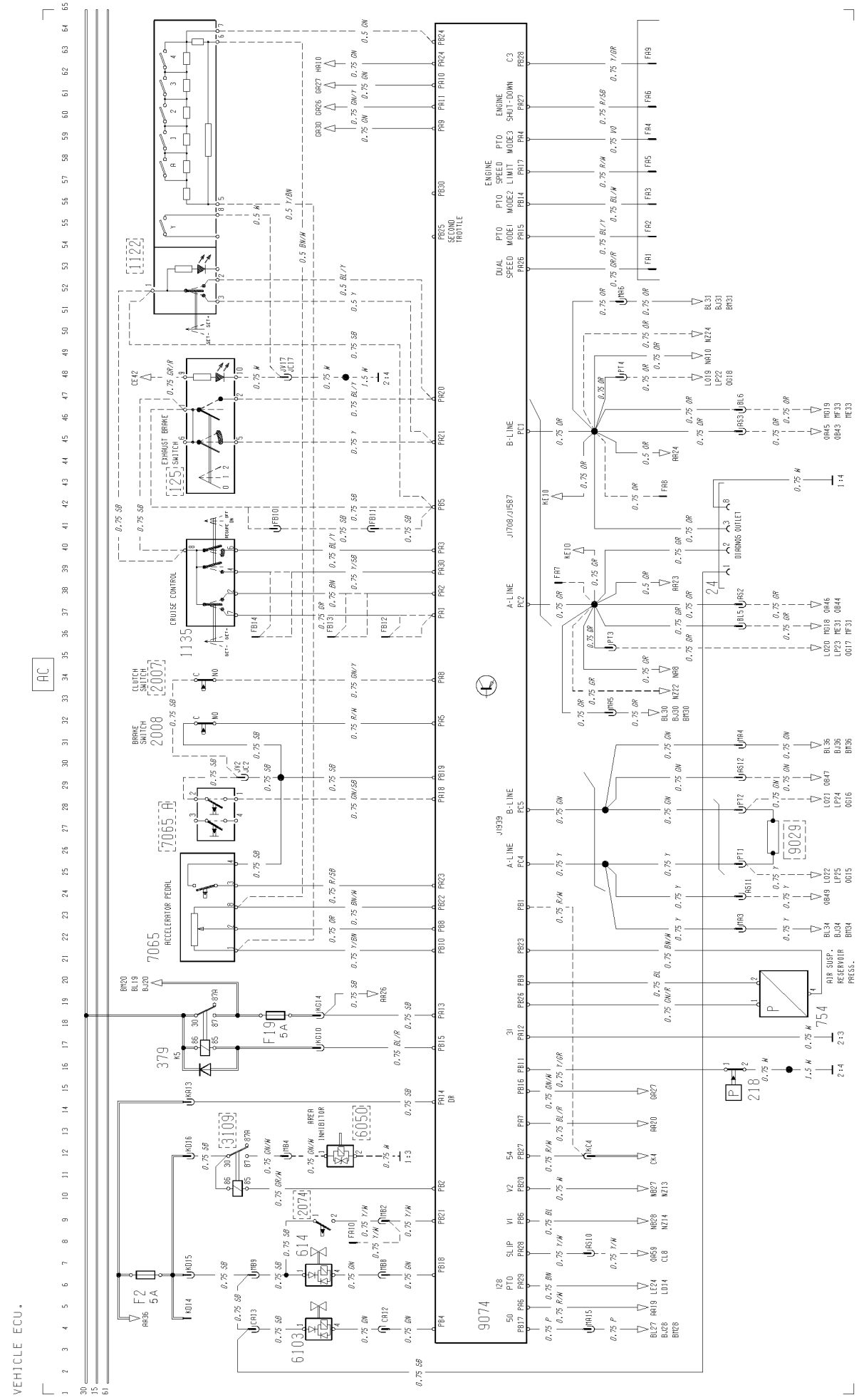
ZB Earth connections ..... page 50

ZD ADR battery main switch, current limiter ..... page 51

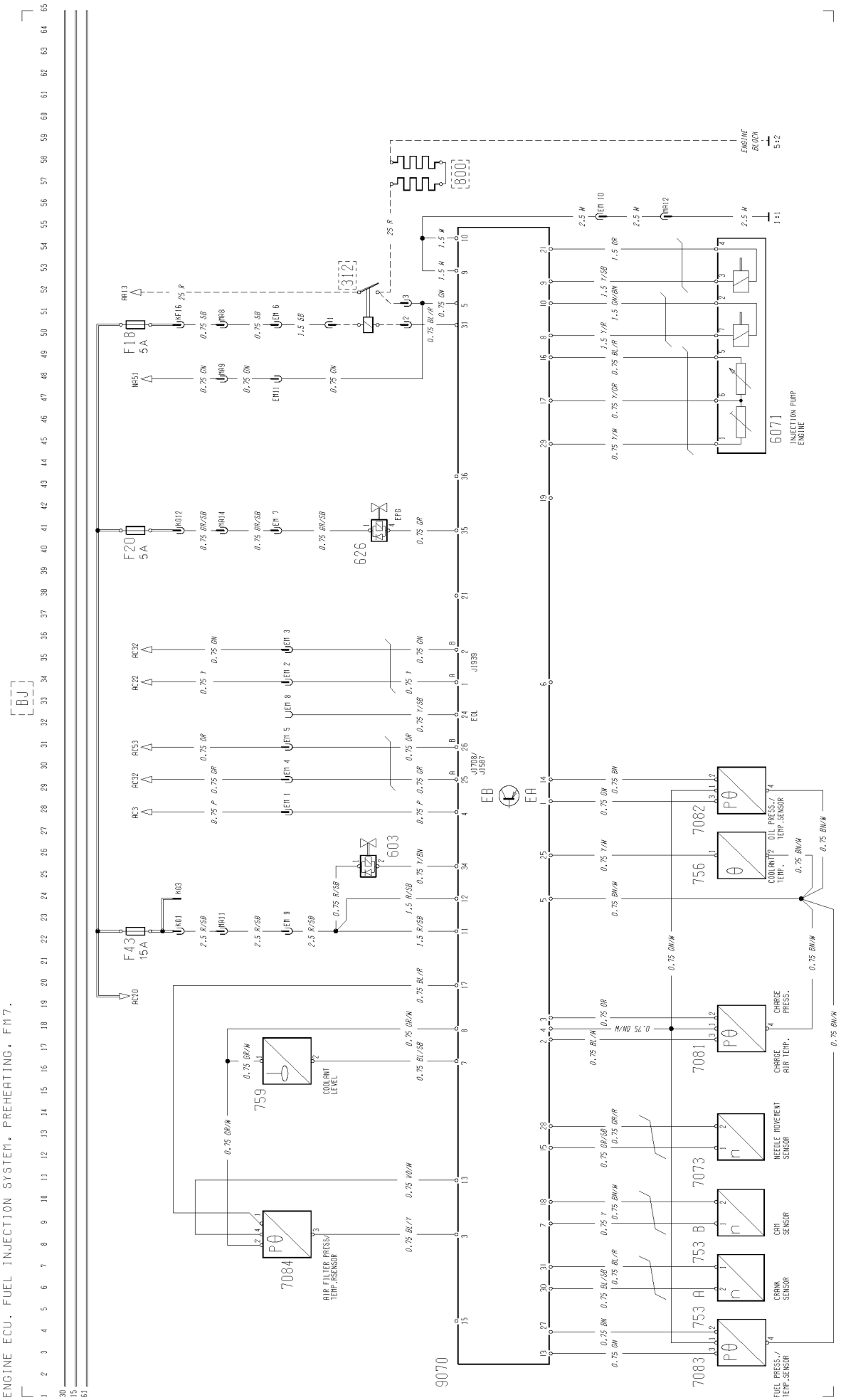
ZE Air heater EBERSPÄCHER D1LCC, TRS ..... page 52

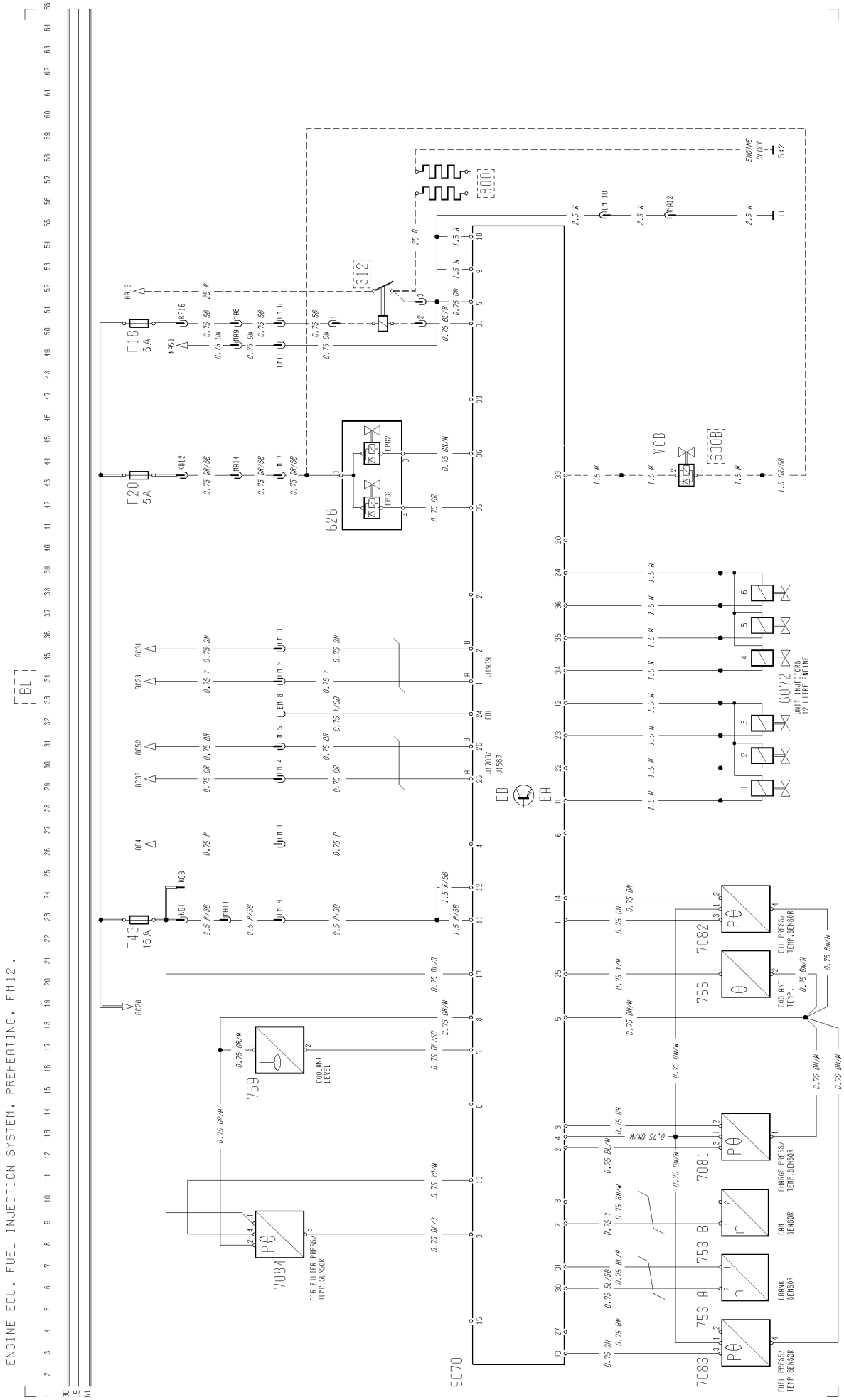
Component wiring diagrams



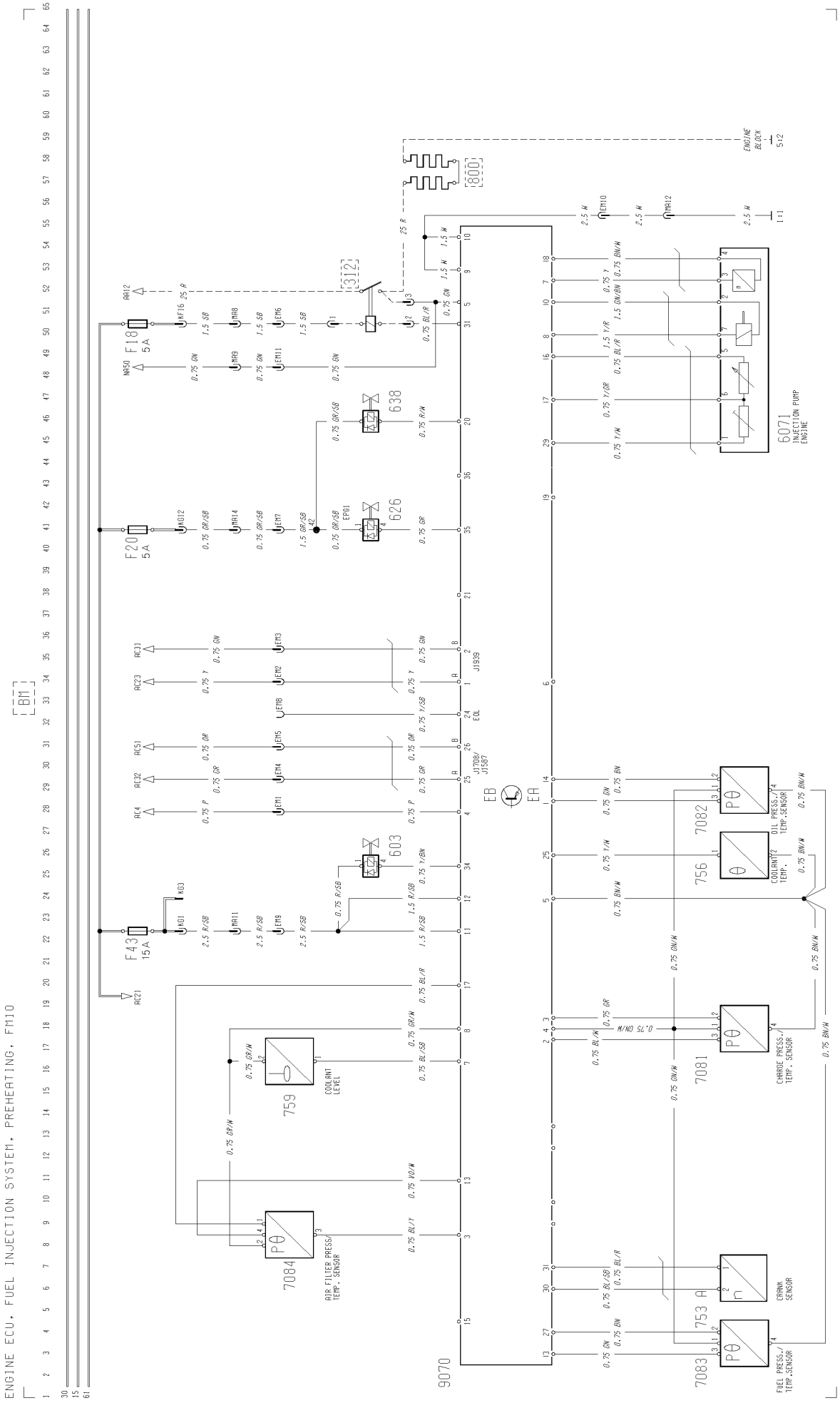

AC
VEHICLE ECU.
ACCELERATOR PEDAL
7065
7065 A
CRUISE CONTROL
1135
EXHAUST BRAKE SWITCH
1125
CLUTCH SWITCH
2007
BRAKE SWITCH
2008
1122
9074
9029
754
218
379
F19 5A
F2 5A
ENGINE SPEED LIMIT MODE 3
ENGINE SHUT-DOWN
DUAL SPEED
PTO MODE 1
PTO MODE 2
SECOND THROTTLE
A-LINE
B-LINE
J1708/J1587
DIAGNOS OUTLET
AIR SUSP. RESERVOIR PRESS.

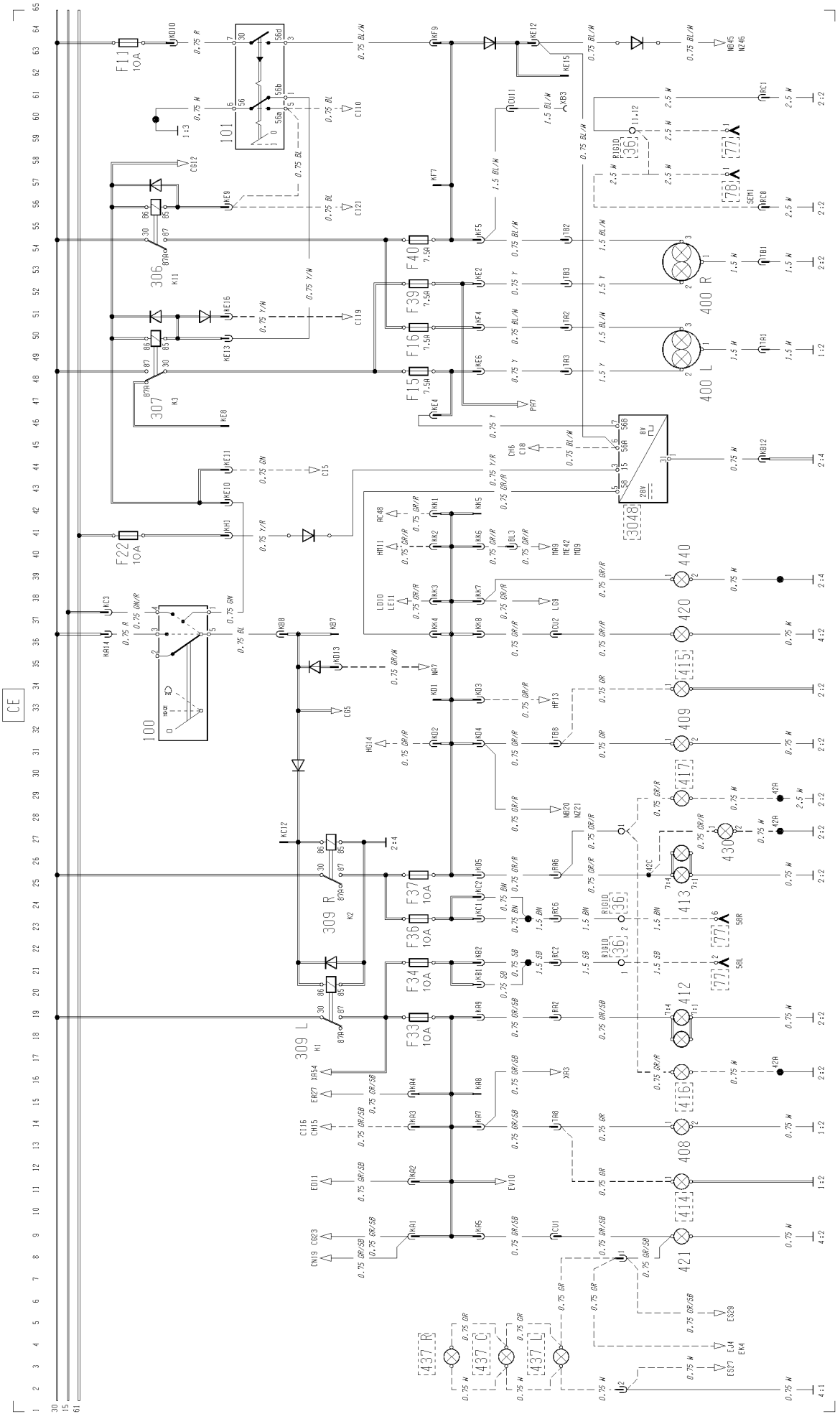
T3011704

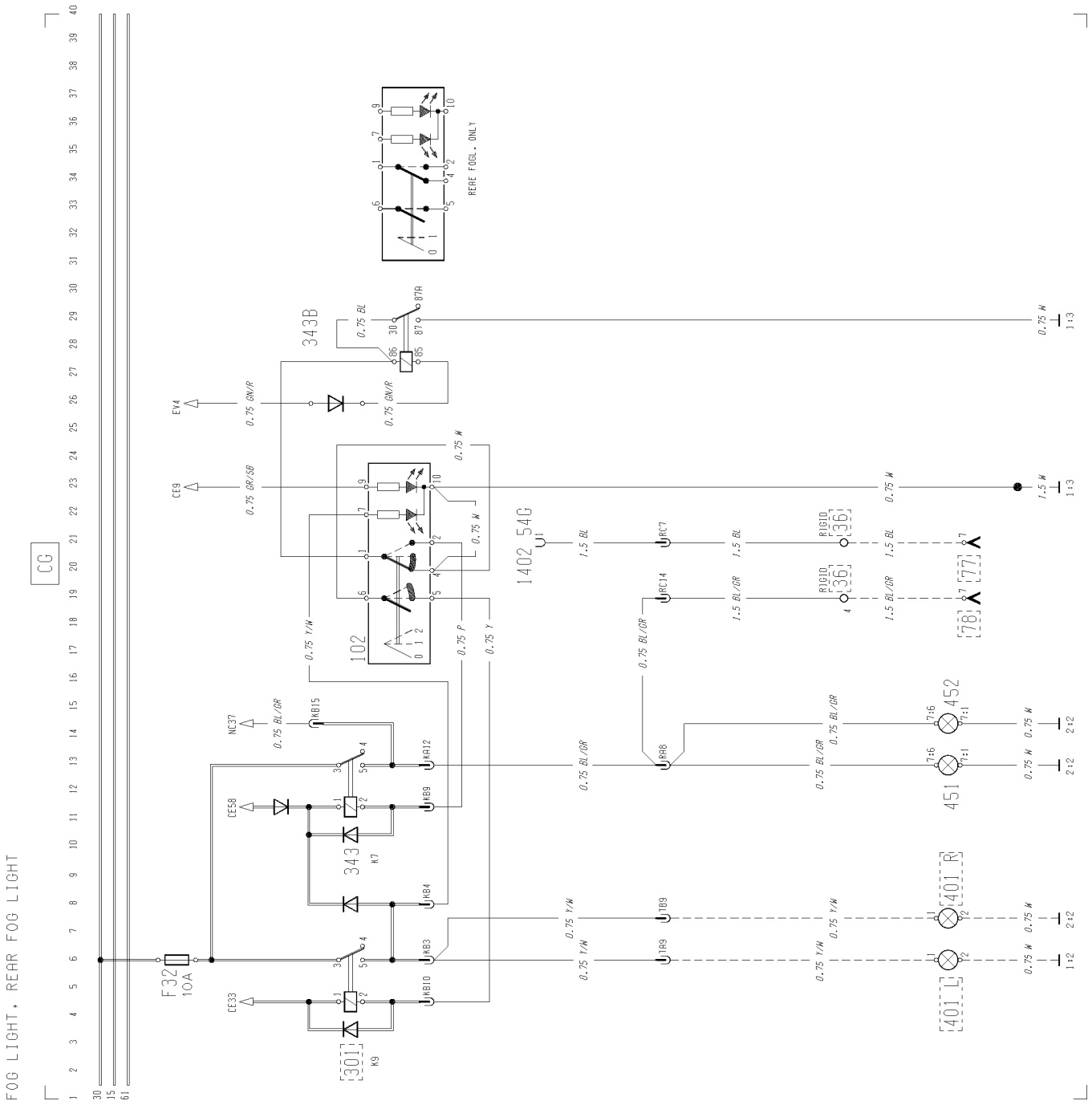

ENGINE ECU. FUEL INJECTION SYSTEM, PREHEATING, FM7.
F18 5A
F20 5A
F43 15A
6071 INJECTION PUMP ENGINE
7084 AIR FILTER PRESS./ TEMP.SENSOR
759 COOLANT LEVEL
7081 CHARGE AIR TEMP. CHARGE PRESS.
7082 COOLANT TEMP. OIL PRESS./ TEMP.SENSOR
7083 FUEL PRESS./ TEMP.SENSOR
753 A CRANK SENSOR
753 B CAM SENSOR
7073 NEEDLE MOVEMENT SENSOR
756
603
626
9070
EB
EA
EOL
ENGINE BLOCK

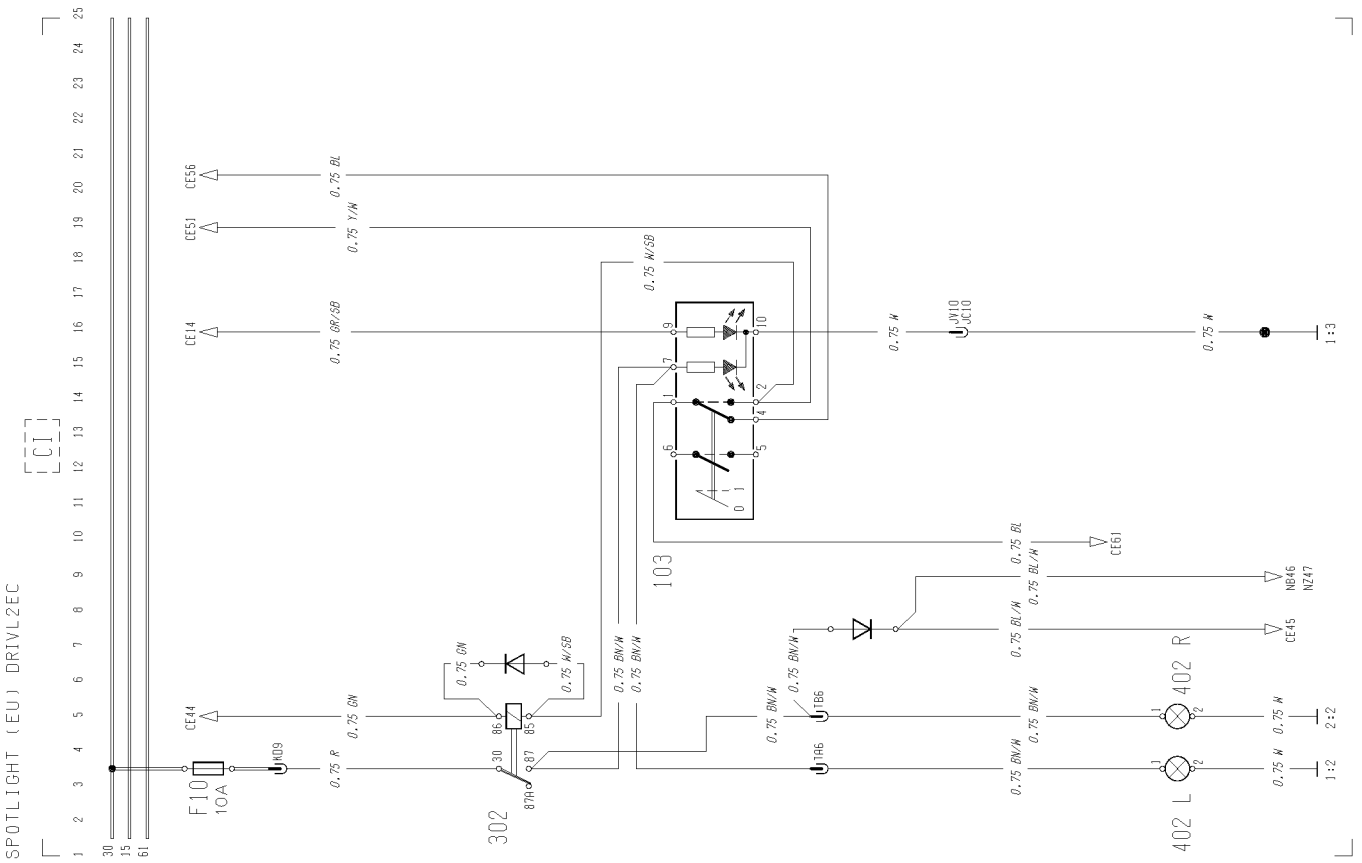

ENGINE ECU, FUEL INJECTION SYSTEM, PREHEATING, FM12.
F18 5A
F20 5A
F43 15A
626
6072
UNIT INJECTORS 12-LITRE ENGINE
759
COOLANT LEVEL
7084
AIR FILTER PRESS/ TEMP.SENSOR
7083
FUEL PRESS/ TEMP SENSOR
753 A
CRANK SENSOR
753 B
CAM SENSOR
7081
CHARGE PRESS/ TEMP.SENSOR
756
COOLANT TEMP.
7082
OIL PRESS/ TEMP.SENSOR
9070
VCB

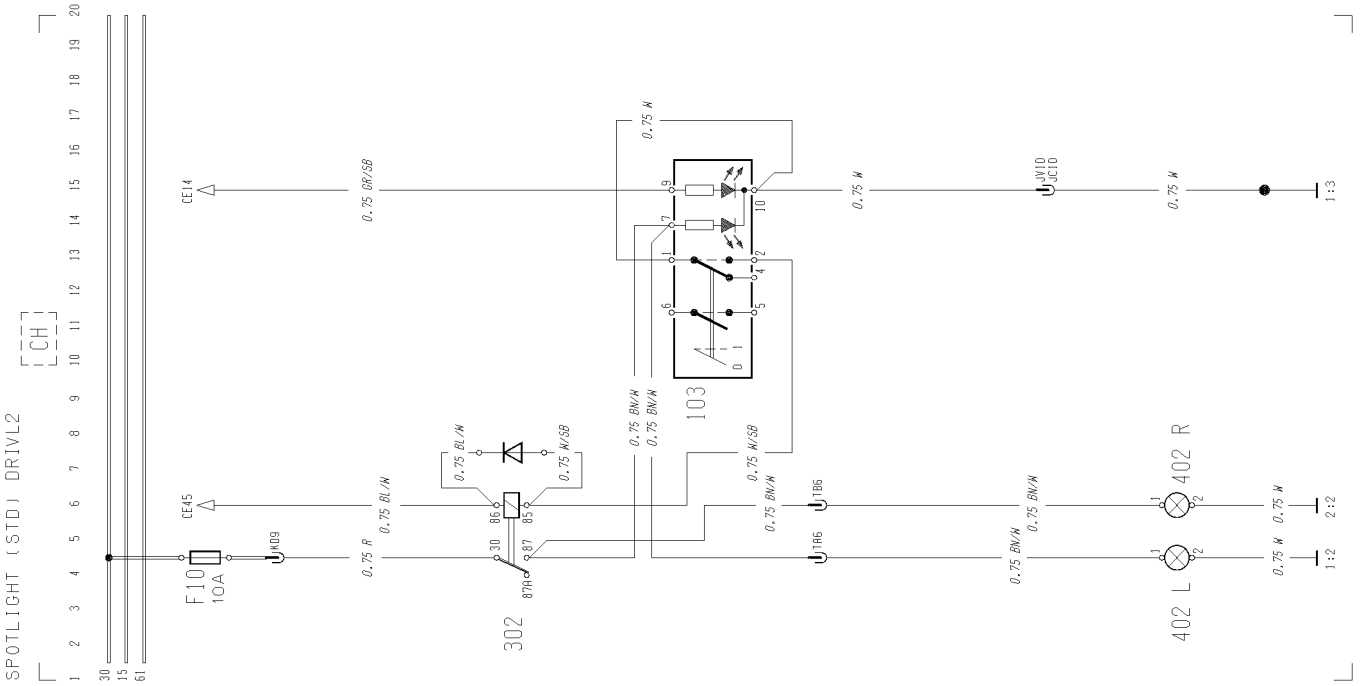
T3011706


ENGINE ECU, FUEL INJECTION SYSTEM, PREHEATING, FM10
F18 5A
F20 5A
F43 15A
638
626
603
759
7084
7082
756
7081
753 A
7083
6071
INJECTION PUMP ENGINE
9070
EB
EA
J1939
J1587
COOLANT LEVEL
AIR FILTER PRESS./ TEMP. SENSOR
OIL PRESS./ TEMP.SENSOR
COOLANT TEMP.
CHARGE PRESS./ TEMP. SENSOR
CRANK SENSOR
FUEL PRESS./ TEMP.SENSOR
ENGINE BLOCK

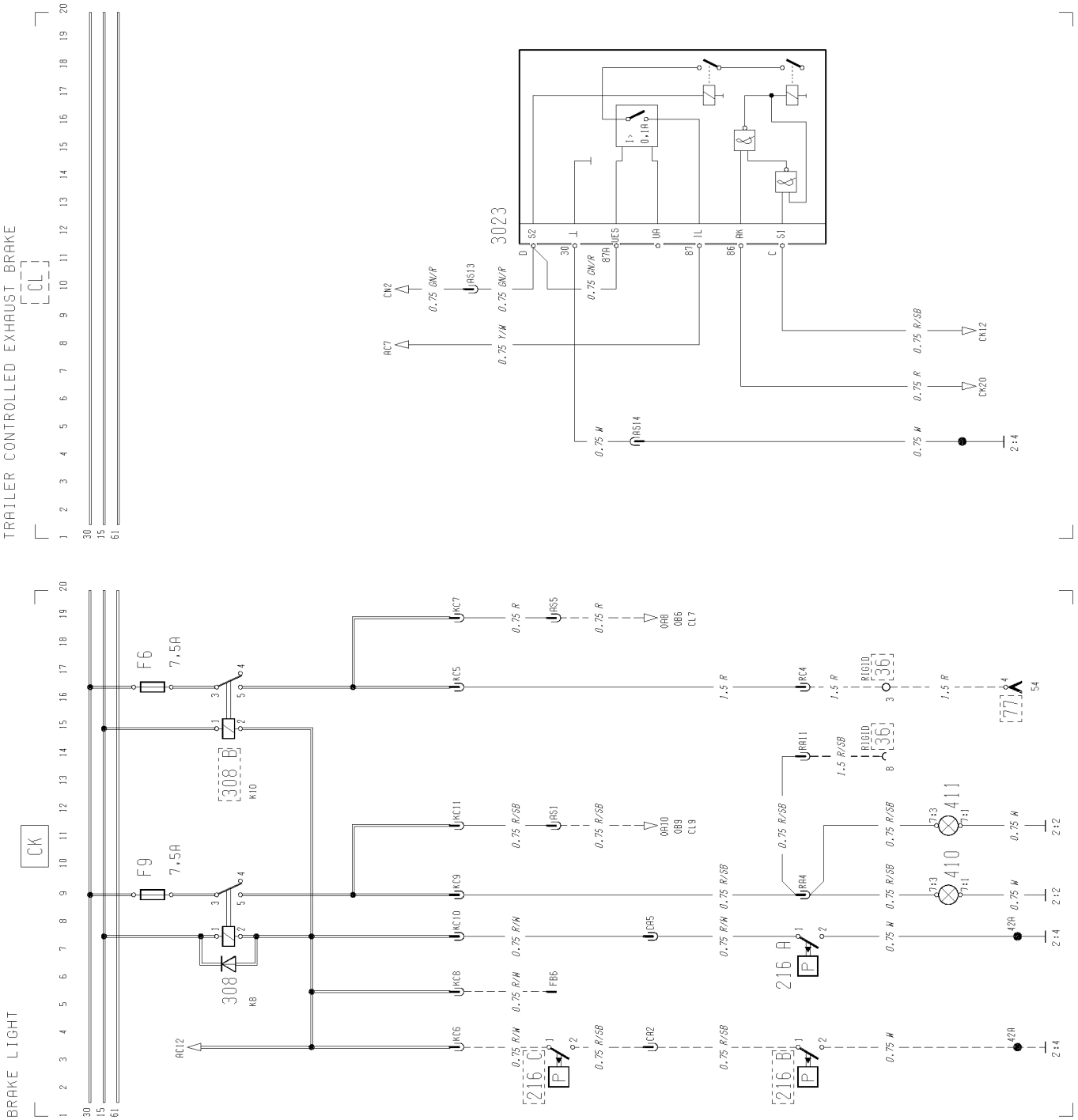

HEADLIGHT, PARK-LIGHT, DIM-DIP
CE
100
101
306
307
309 R
309 L
400 R
400 L
440
420
415
409
417
430
413
412
416
408
414
421
437 R
437 C
437 L
F11 10A
F22 10A
F40 7.5A
F39 7.5A
F16 7.5A
F15 7.5A
F37 10A
F36 10A
F34 10A
F33 10A
F3048
T3011708

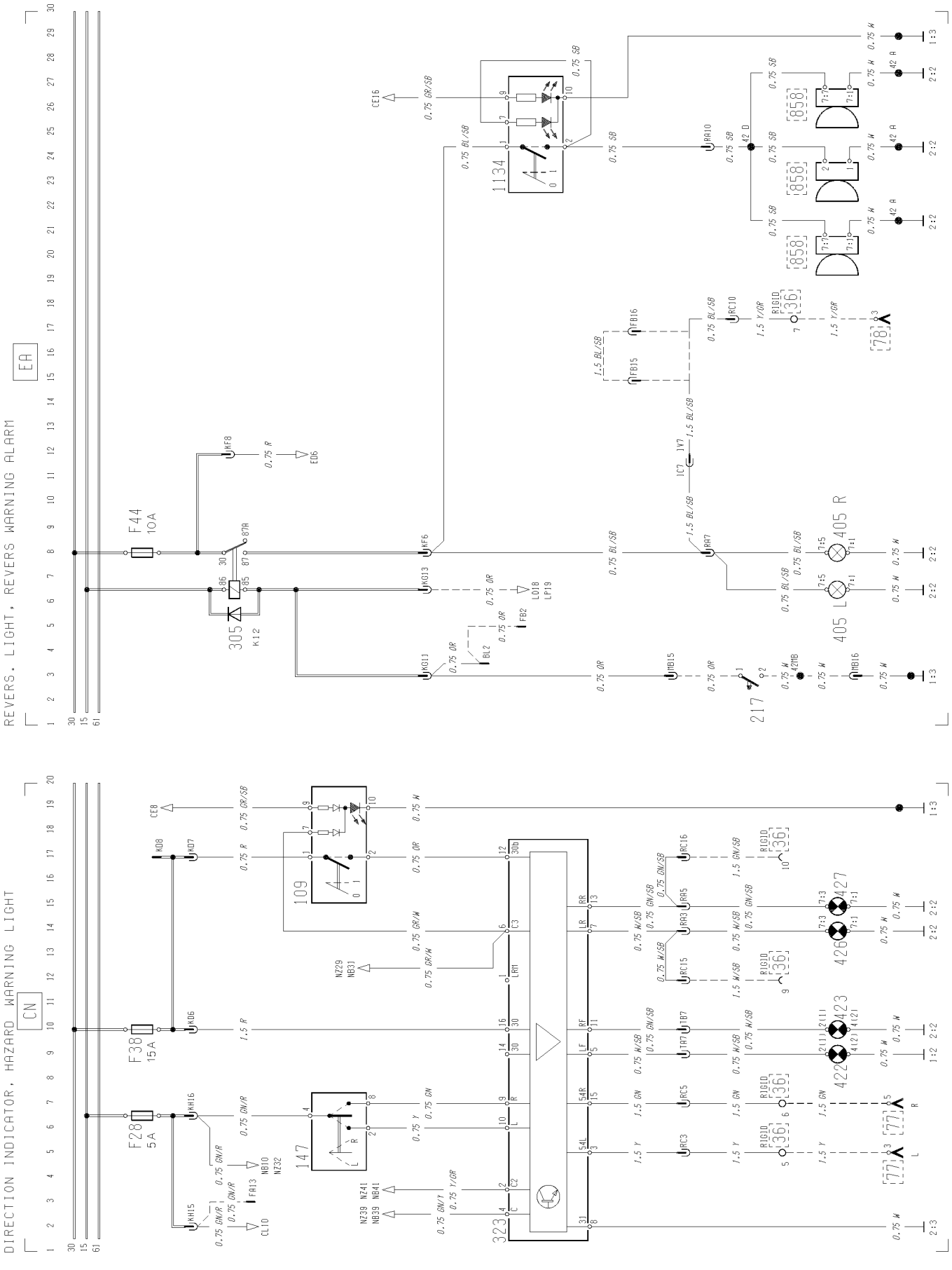

FOG LIGHT, REAR FOG LIGHT
CG
REAR FOGL. ONLY
343B
102
1402 54G
343
K7
K9
F32
10A
EV4
CE9
CE58
CE33
NC37
NKB15
NKA12
NKB9
NKB4
NKB3
NKB10
NRC7
NRC14
NRA8
NTB9
RIGID 136
451
452
1401 L
1401 R
1781
1771
T3011709

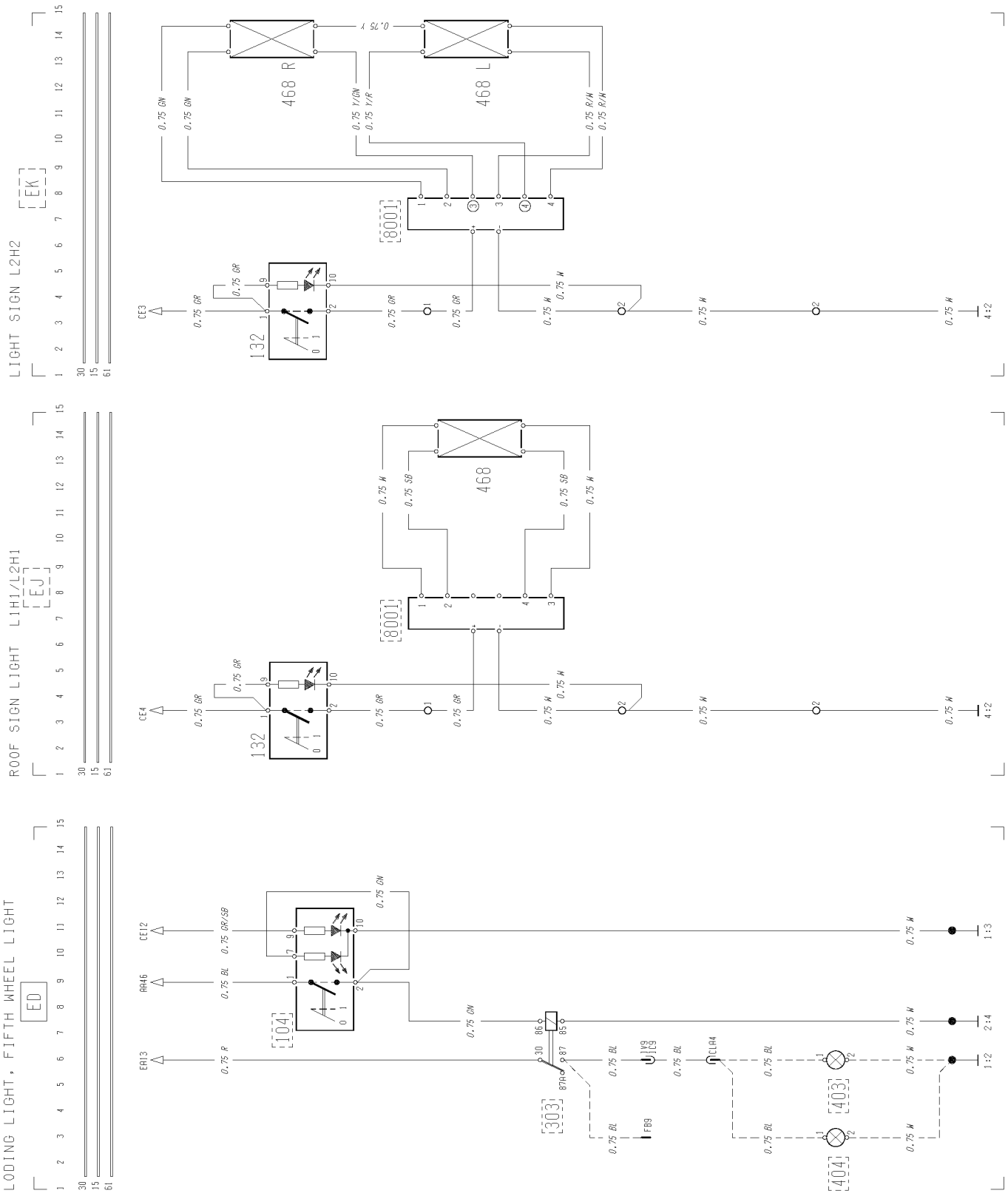

SPOTLIGHT (EU) DRIVL2EC
[CI]
30
15
61
CE56
CE51
CE14
CE44
0.75 BL
0.75 Y/W
0.75 GR/SB
0.75 GN
0.75 R
0.75 W/SB
0.75 BN/W
0.75 GN
0.75 W/SB
F10
10A
KD9
302
87A
103
JV10
JC10
0.75 W
1:3
CE61
0.75 BL/W
NB46
NZ47
CE45
1B6
1A6
402 R
402 L
2:2
1:2

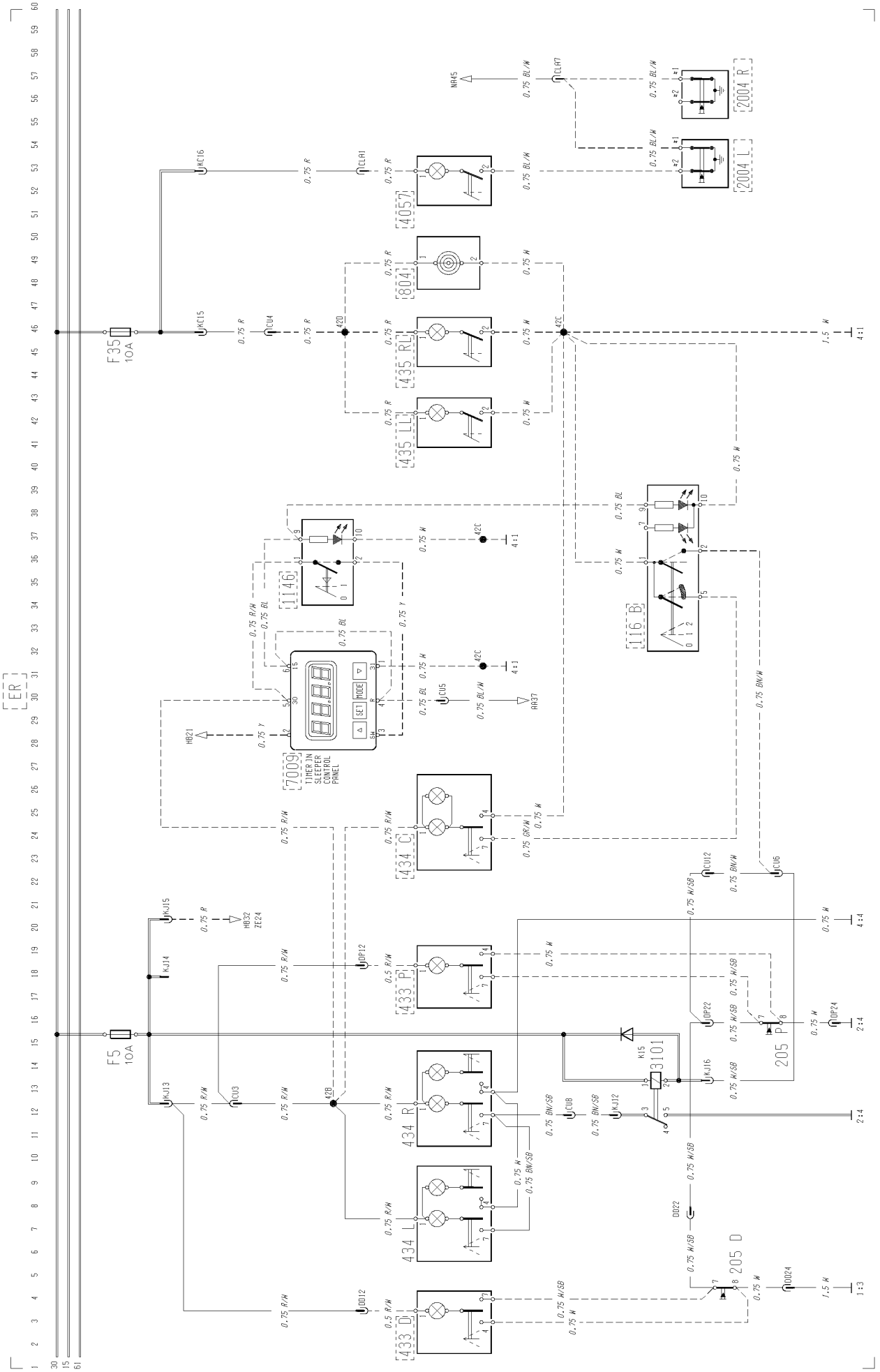

SPOTLIGHT (STD) DRIVL2
[CH]
30
15
61
CE14
CE45
0.75 GR/SB
0.75 BL/W
0.75 R
0.75 W
0.75 W/SB
0.75 BN/W
F10
10A
KD9
302
87A
103
JV10
JC10
1B6
1A6
402 R
402 L
2:2
1:2
1:3

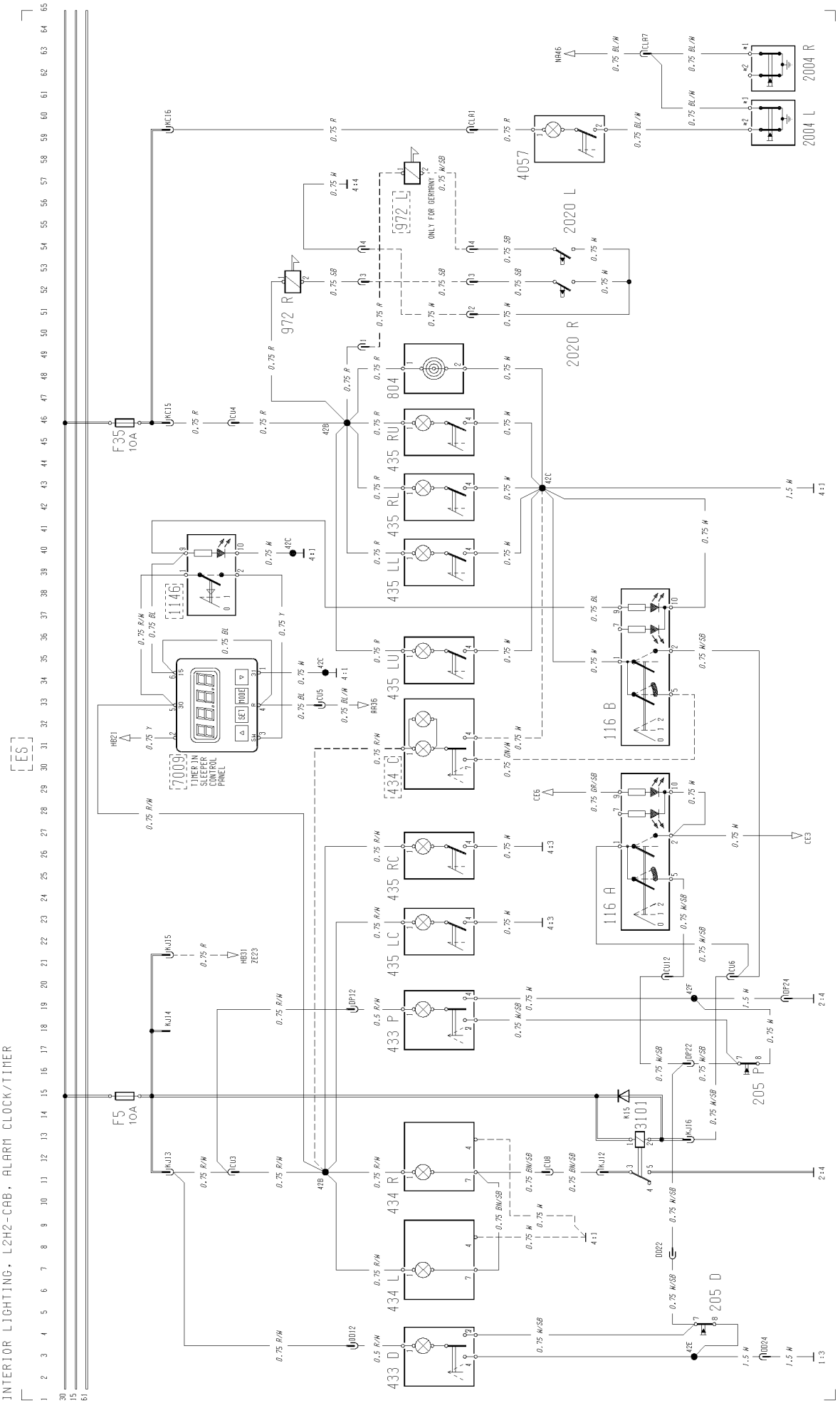
T3011710

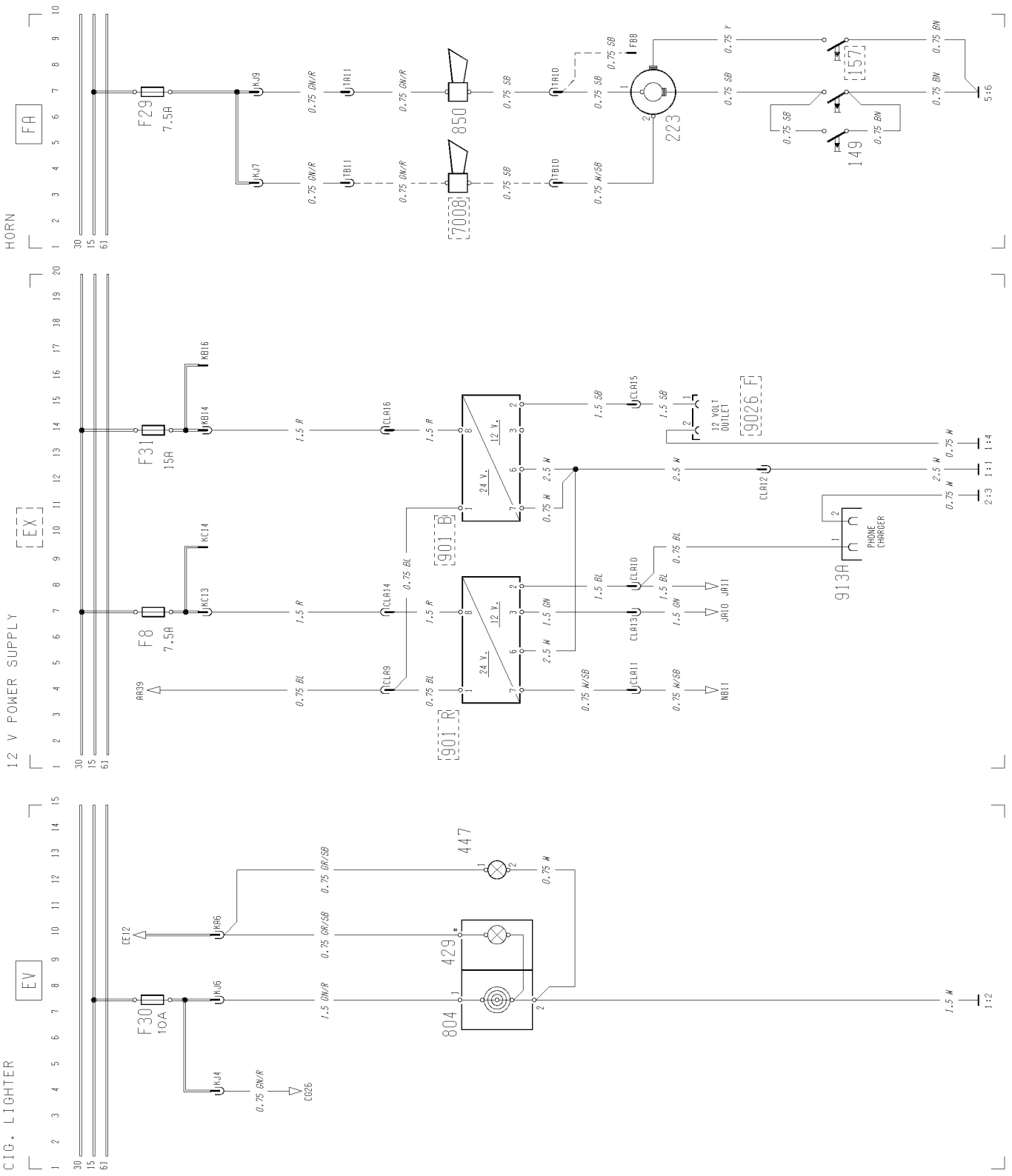

TRAILER CONTROLLED EXHAUST BRAKE
CL
BRAKE LIGHT
CK
F6 7.5A
F9 7.5A
3023
308 B
308
216 A
216 B
216 C
410
411
771
136
0.75 GN/R
0.75 Y/W
0.75 R
0.75 R/SB
0.75 R/W
0.75 W
1.5 R
1.5 R/SB
T3011711

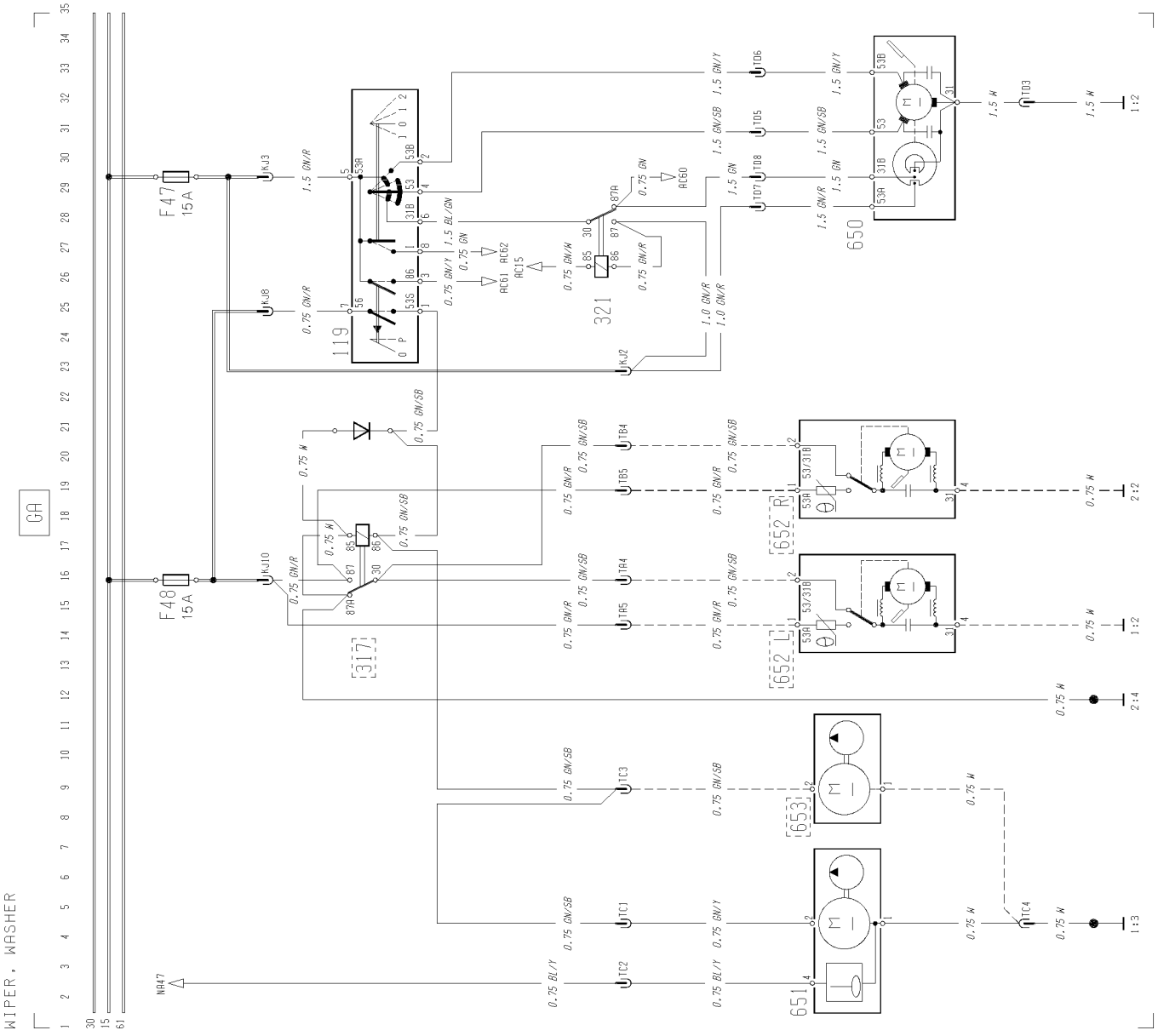

REVERS. LIGHT, REVERS WARNING ALARM
EA
DIRECTION INDICATOR, HAZARD WARNING LIGHT
CN
F44 10A
F38 15A
F28 5A
305
217
405 L
405 R
109
147
323
1134
T3011712

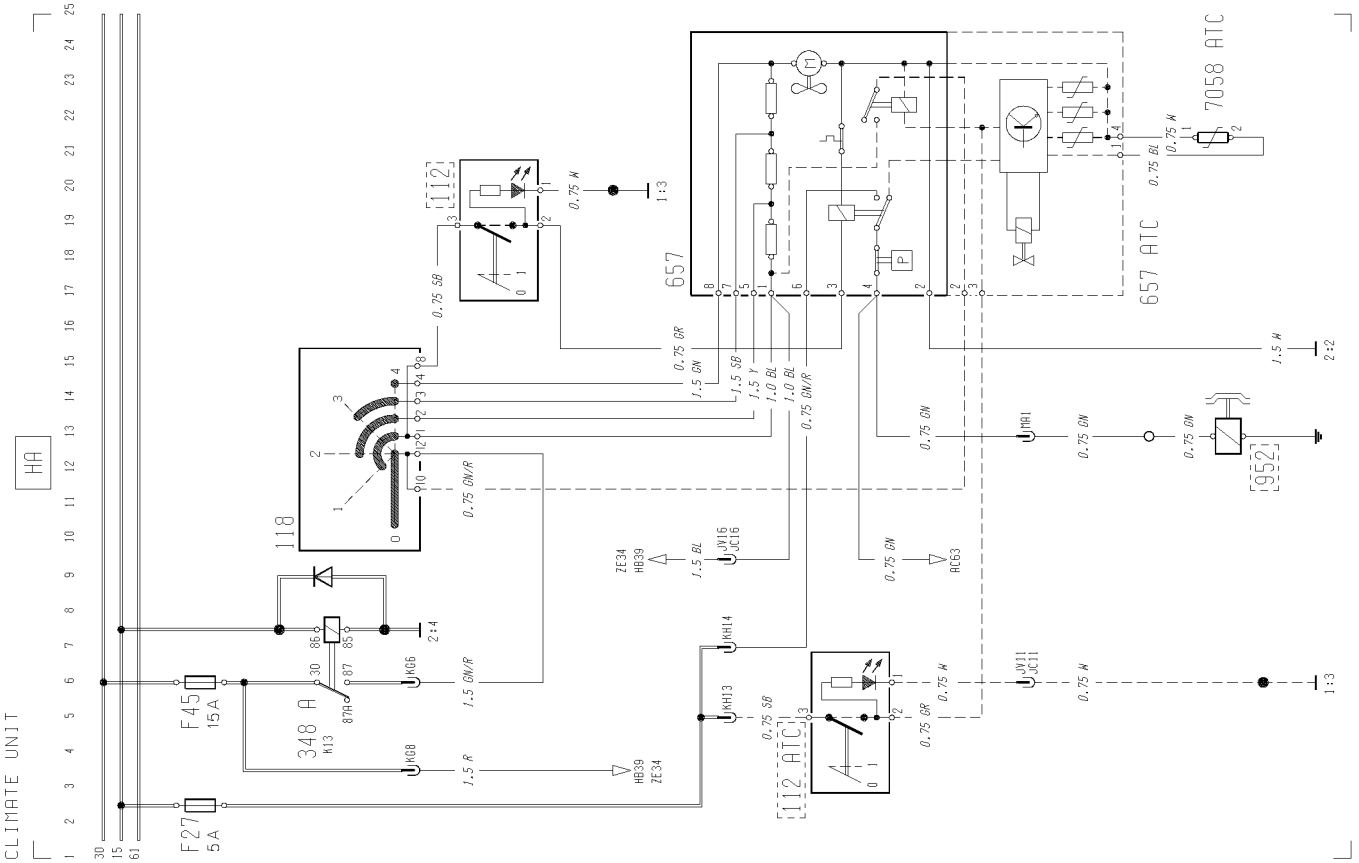

LIGHT SIGN L2H2
ROOF SIGN LIGHT L1H1/L2H1
LODING LIGHT, FIFTH WHEEL LIGHT
468 R
468 L
468
132
1104
1303
1403
1404
18001
0.75 GN
0.75 GR
0.75 Y/GN
0.75 Y/R
0.75 R/W
0.75 W
0.75 SB
0.75 GR/SB
0.75 BL
0.75 R
0.75 Y
CE3
CE4
CE12
AR46
ER13
FB9
CLH4
T3011713


INTERIOR LIGHTING, L1H1-CAB, L2H1-CAB, ALARM CLOCK/TIMER
F35 10A
F5 10A
[ER]
[4057]
[8004]
[4435 RL]
[4435 LL]
[2004 R]
[2004 L]
[1146]
[116 B]
[7009] TIMER IN SLEEPER CONTROL PANEL
[434 C]
[433 P]
[434 R]
[434 L]
[433 D]
K15 3101
205 P
205 D
T3011714

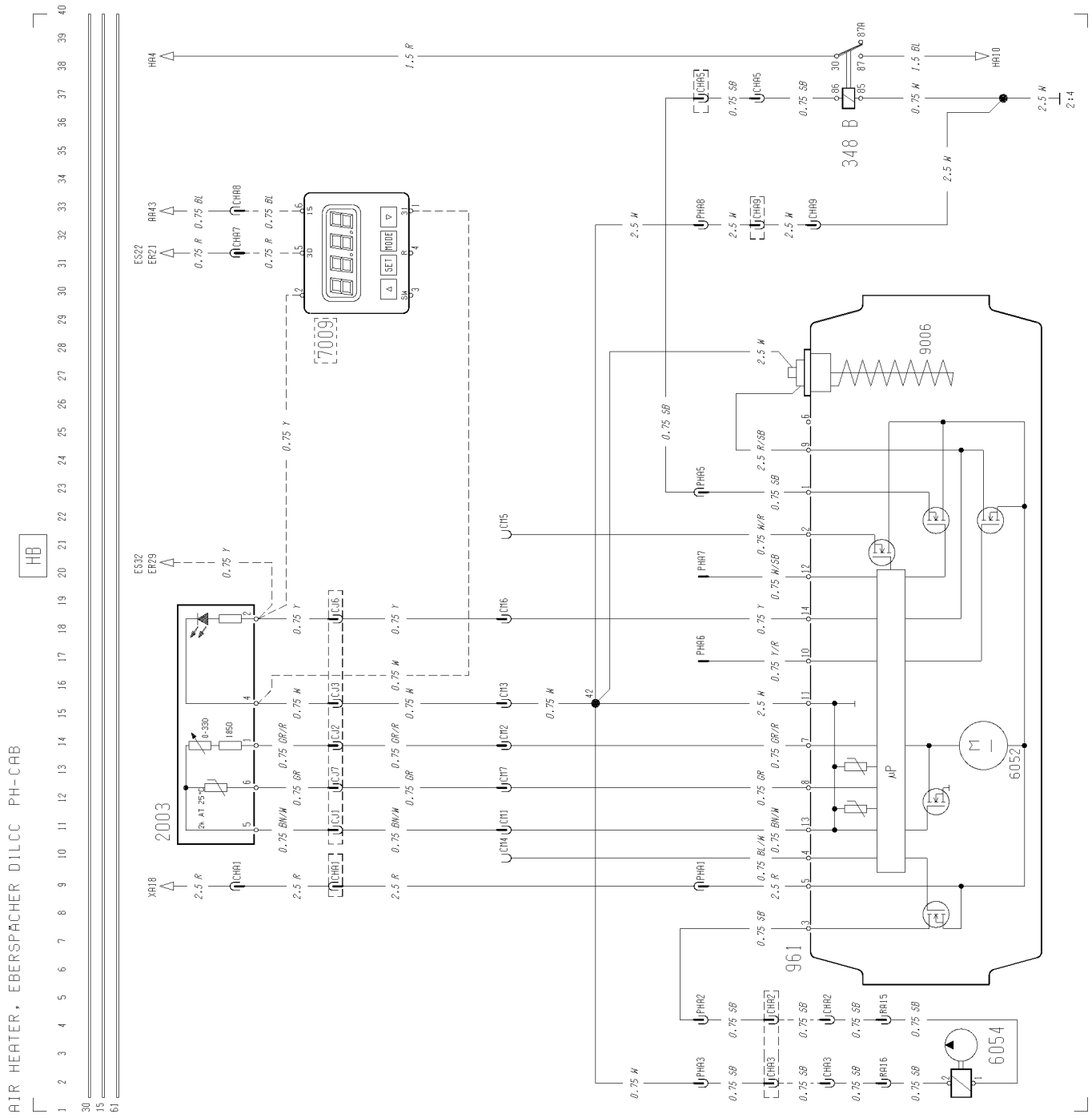

INTERIOR LIGHTING, L2H2-CAB. ALARM CLOCK/TIMER
F35 10A
F5 10A
972 R
972 L
ONLY FOR GERMANY
2020 R
2020 L
4057
2004 R
2004 L
804
435 RU
435 RL
435 LL
435 LU
435 RC
435 LC
433 P
433 D
434 R
434 L
434 C
116 B
116 A
205 P
205 D
K15 31101
1146
7009
TIMER IN SLEEPER CONTROL PANEL
SET
MODE

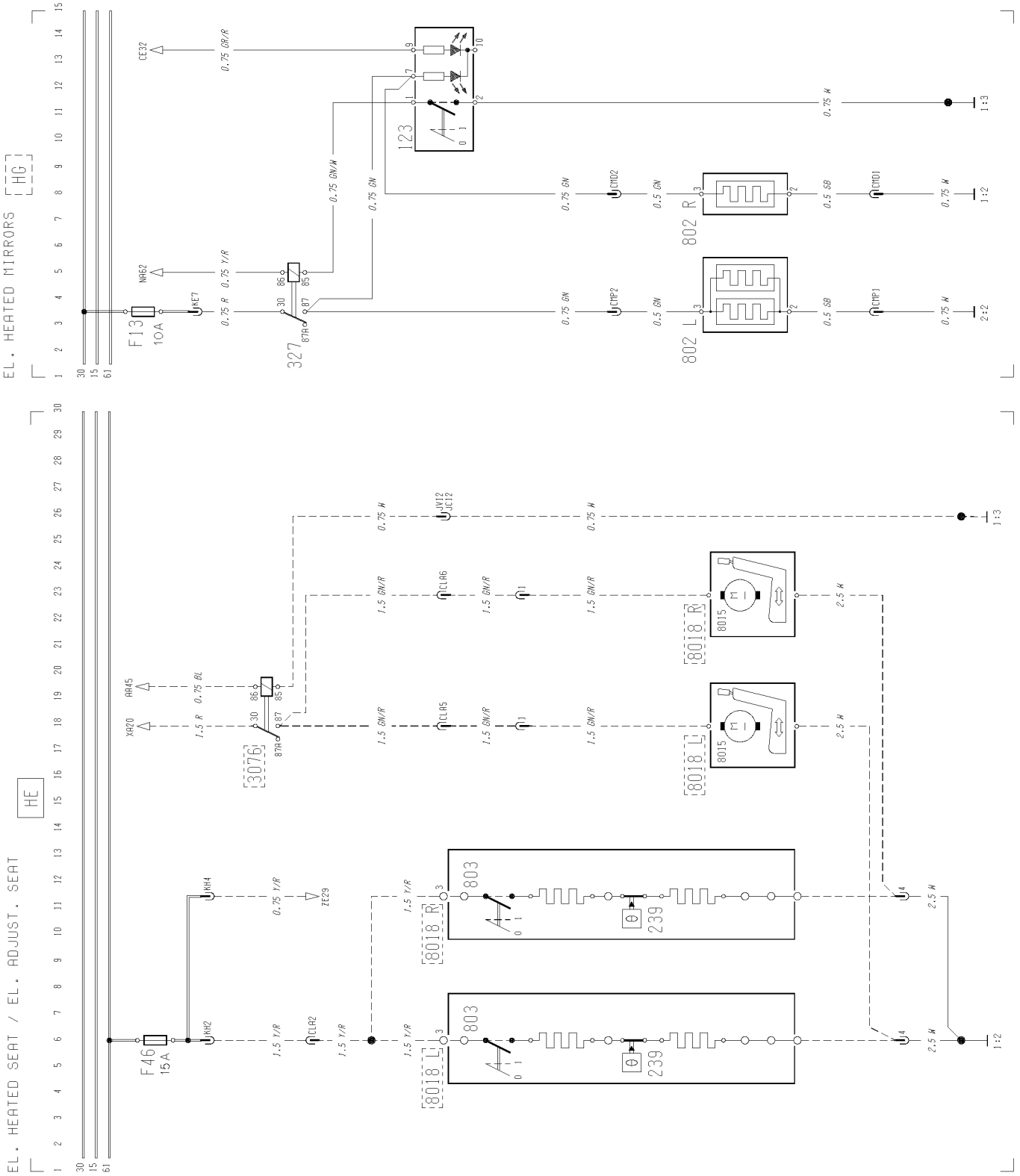

HORN
FA
F29
7.5A
850
223
149
1157
12 V POWER SUPPLY
EX
F31
15A
F8
7.5A
901 B
901 R
12 VOLT OUTLET
9026 F
PHONE CHARGER
913A
CIG. LIGHTER
EV
F30
10A
804
429
447
T3011716

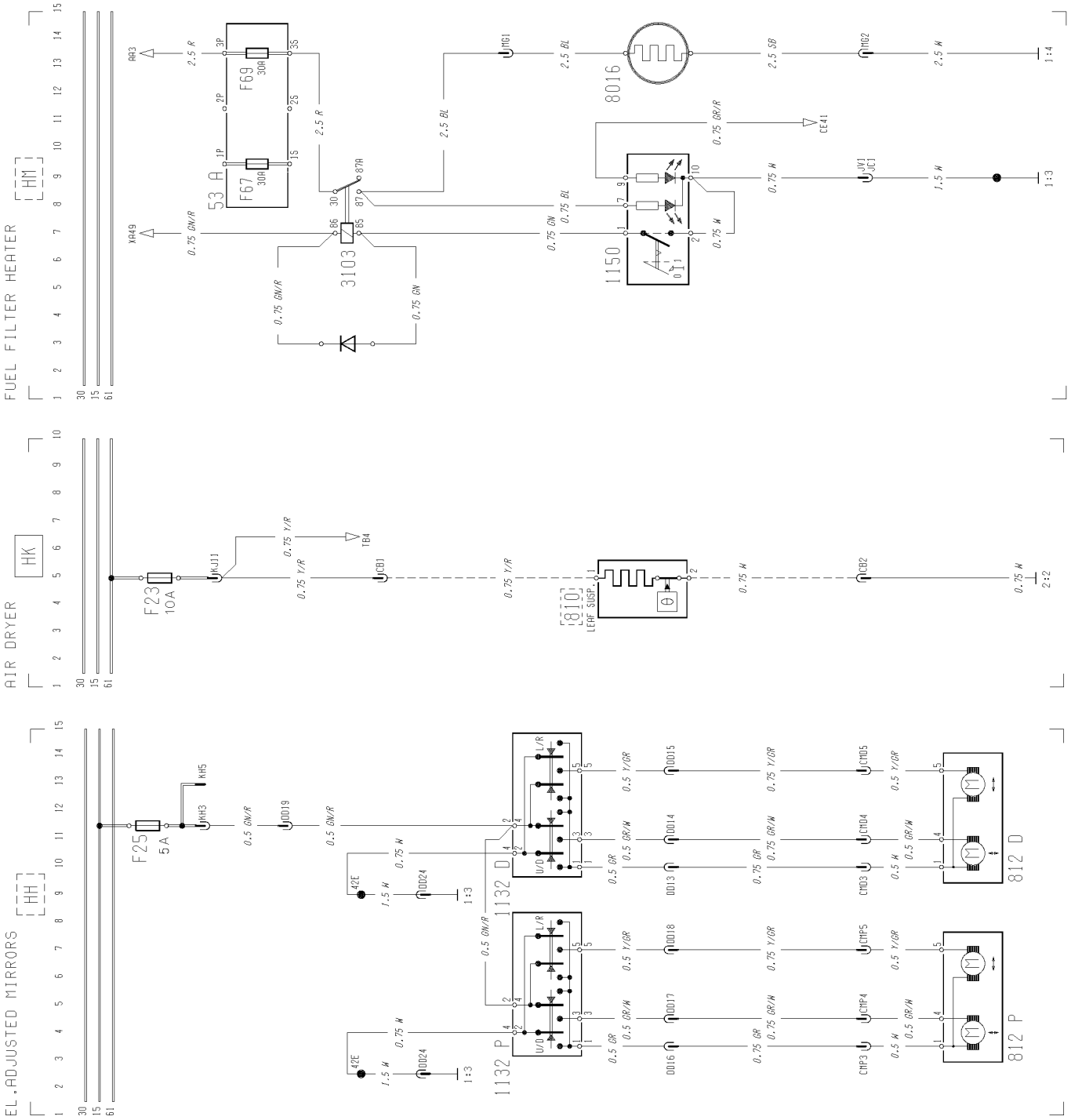

WIPER, WASHER
GA
F47
15A
F48
15A
119
321
317
650
652 R
652 L
653
651
NA47
T3011717

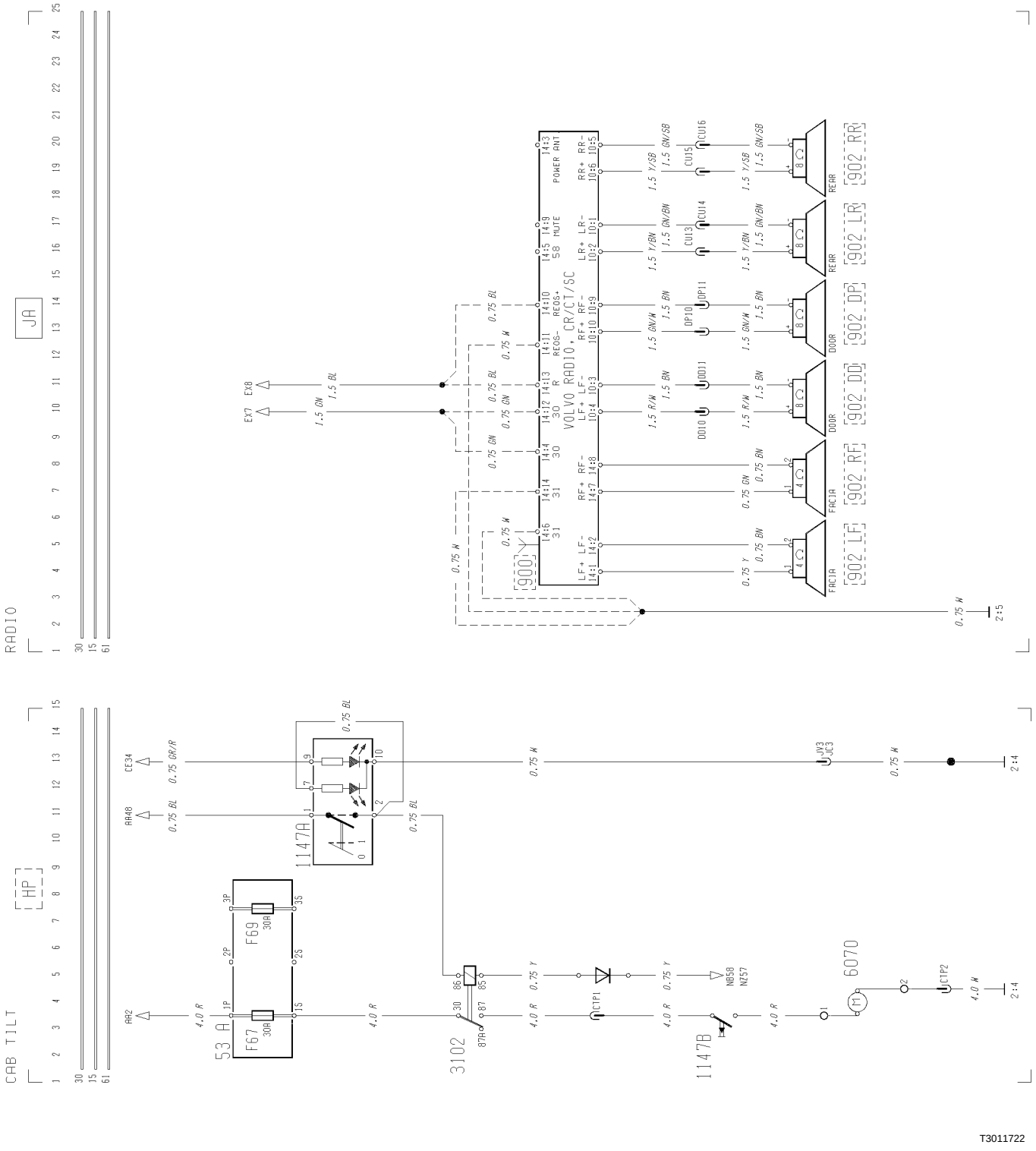

CLIMATE UNIT
HA
30
15
61
F27
5A
F45
15A
348 A
K13
87A
118
112
112 ATC
657
657 ATC
7058 ATC
952
0.75 SB
0.75 W
0.75 GR
1.5 GN
1.5 SB
1.5 Y
1.0 BL
0.75 GN/R
1.5 GN/R
1.5 R
0.75 GN
1.5 BL
0.75 BL
1.5 W
1:3
2:2
2:4
ZE34
HB39
JVH16
JCC16
JKH14
JKH13
JVJ11
JCC11
JMA1
ACG3
JKG6
JKG8

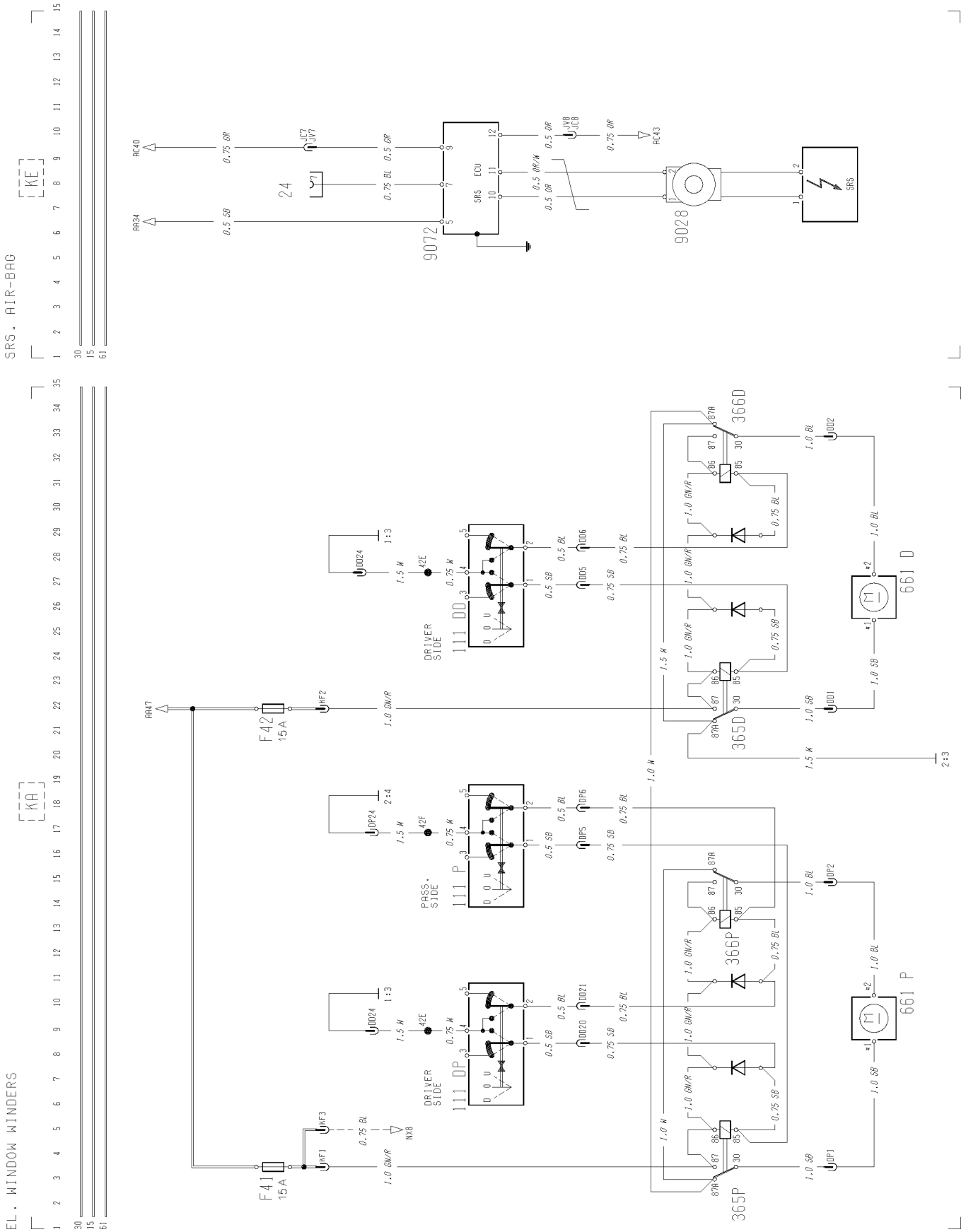
T3011718


AIR HEATER, EBERSPÄCHER D1LCC PH-CAB
HB
2003
7009
9006
961
6052
6054
348 B
MP
T3011719

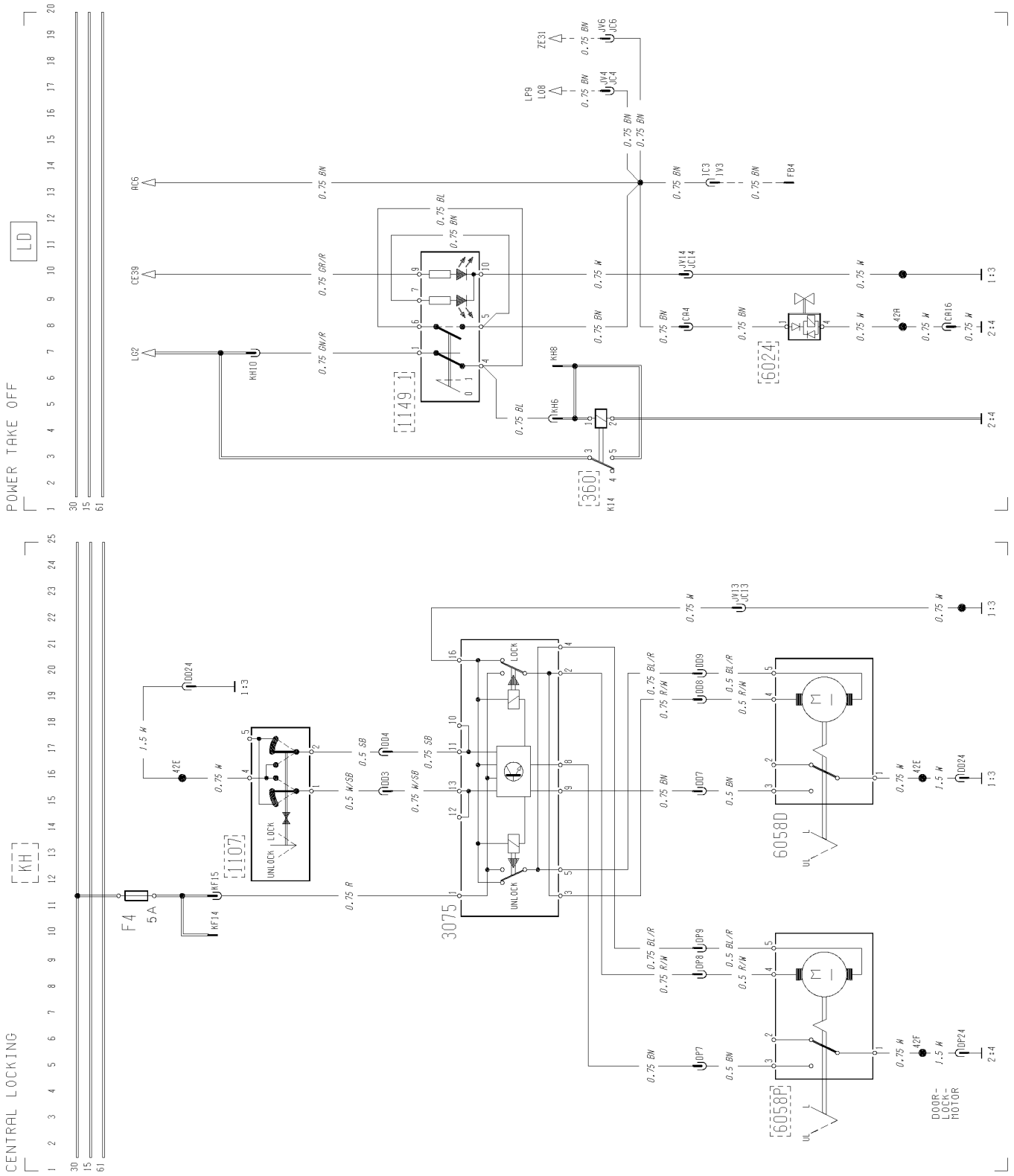

EL. HEATED MIRRORS
HG
EL. HEATED SEAT / EL. ADJUST. SEAT
HE
F13
10A
F46
15A
327
123
802 R
802 L
803
8018 R
8018 L
3076
239
8015
T3011720

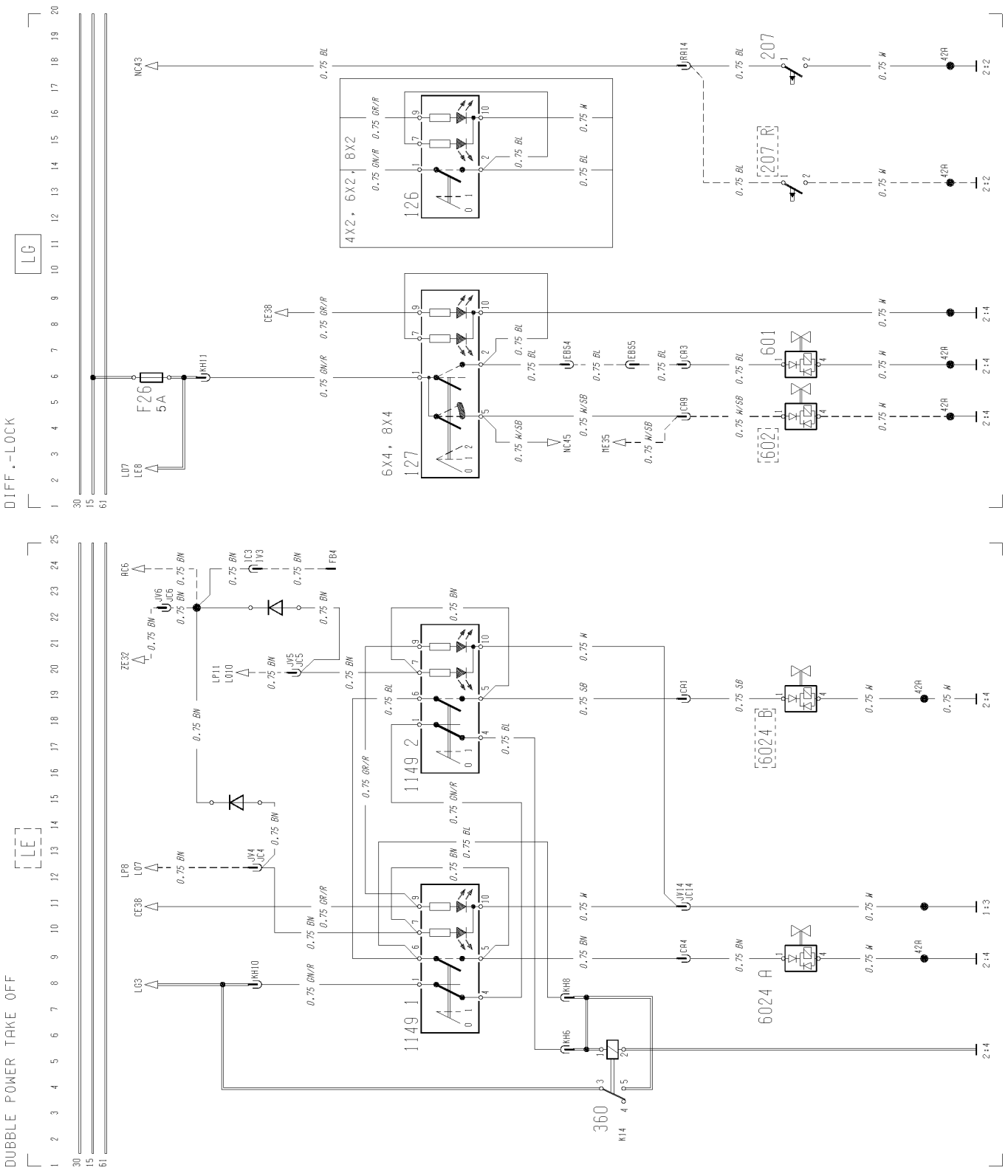

FUEL FILTER HEATER
HM
AIR DRYER
HK
EL.ADJUSTED MIRRORS
HH
F69 30A
F67 30A
53 A
3103
8016
1150
F23 10A
8107
F25 5A
1132 D
1132 P
812 D
812 P
T3011721


RADIO
JA
CAB TILT
HP
VOLVO RADIO, CR/CT/SC
F67
F69
53 A
3102
11147A
11147B
6070
T3011722

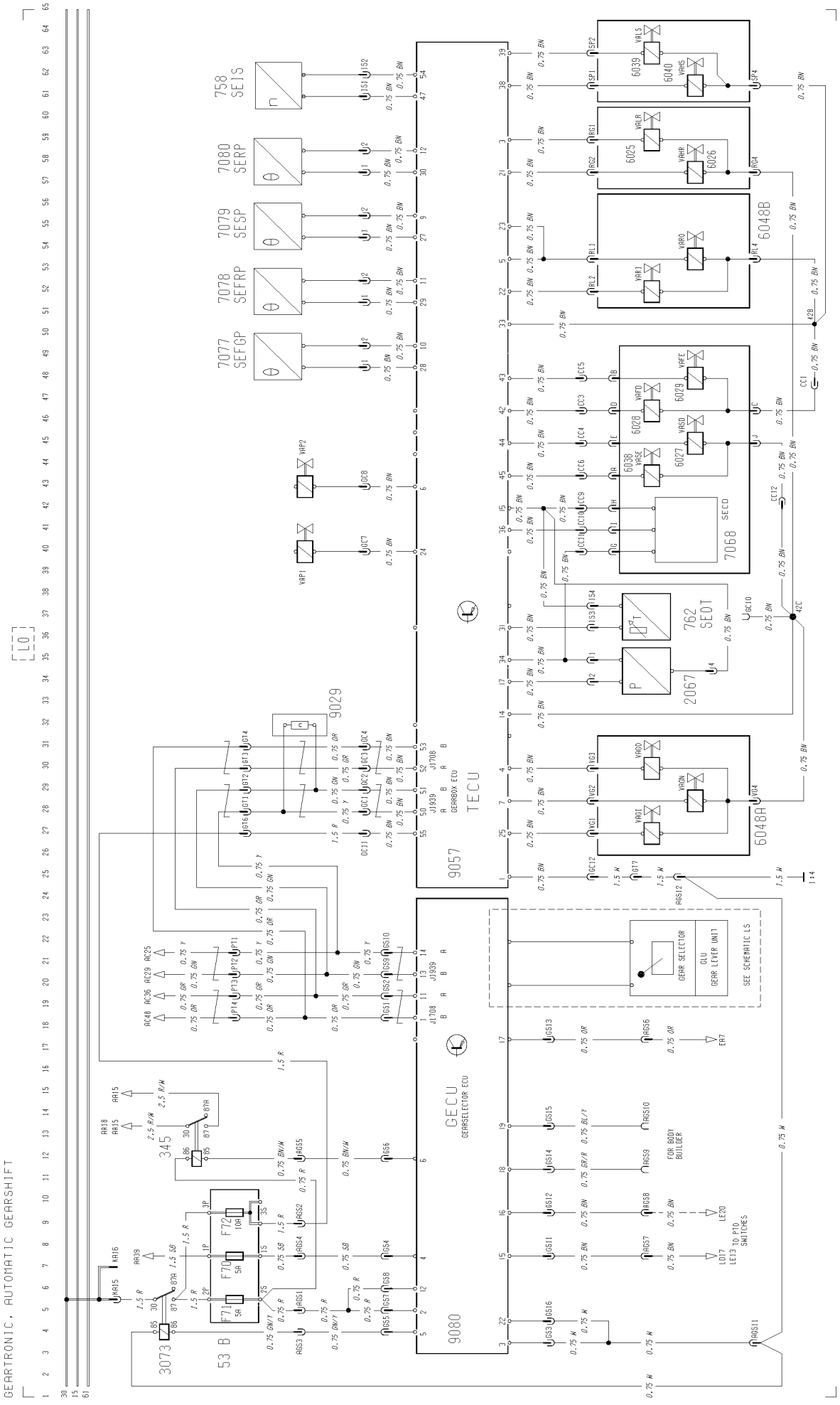

SRS. AIR-BAG
EL. WINDOW WINDERS
F41 15A
F42 15A
DRIVER SIDE
PASS. SIDE
111 DD
111 DP
111 P
365D
365P
366D
366P
661 D
661 P
9072
9028
SRS ECU
SRS

T3011723

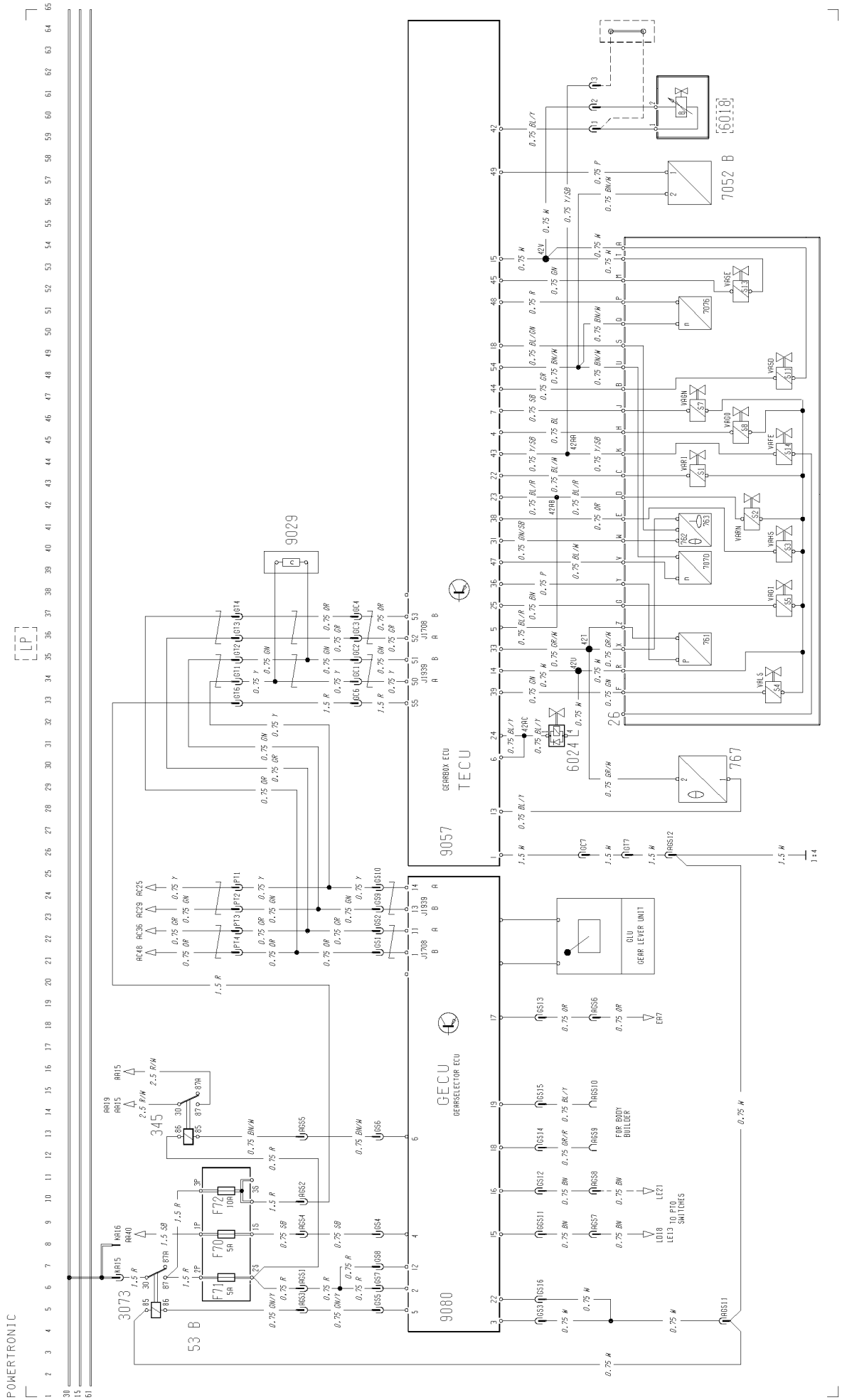

POWER TAKE OFF
LD
CENTRAL LOCKING
KH
F4
5A
KF15
KF14
11107
UNLOCK
LOCK
3075
11491
13601
60580
60580P
60024
DOOR-LOCK MOTOR
T3011724

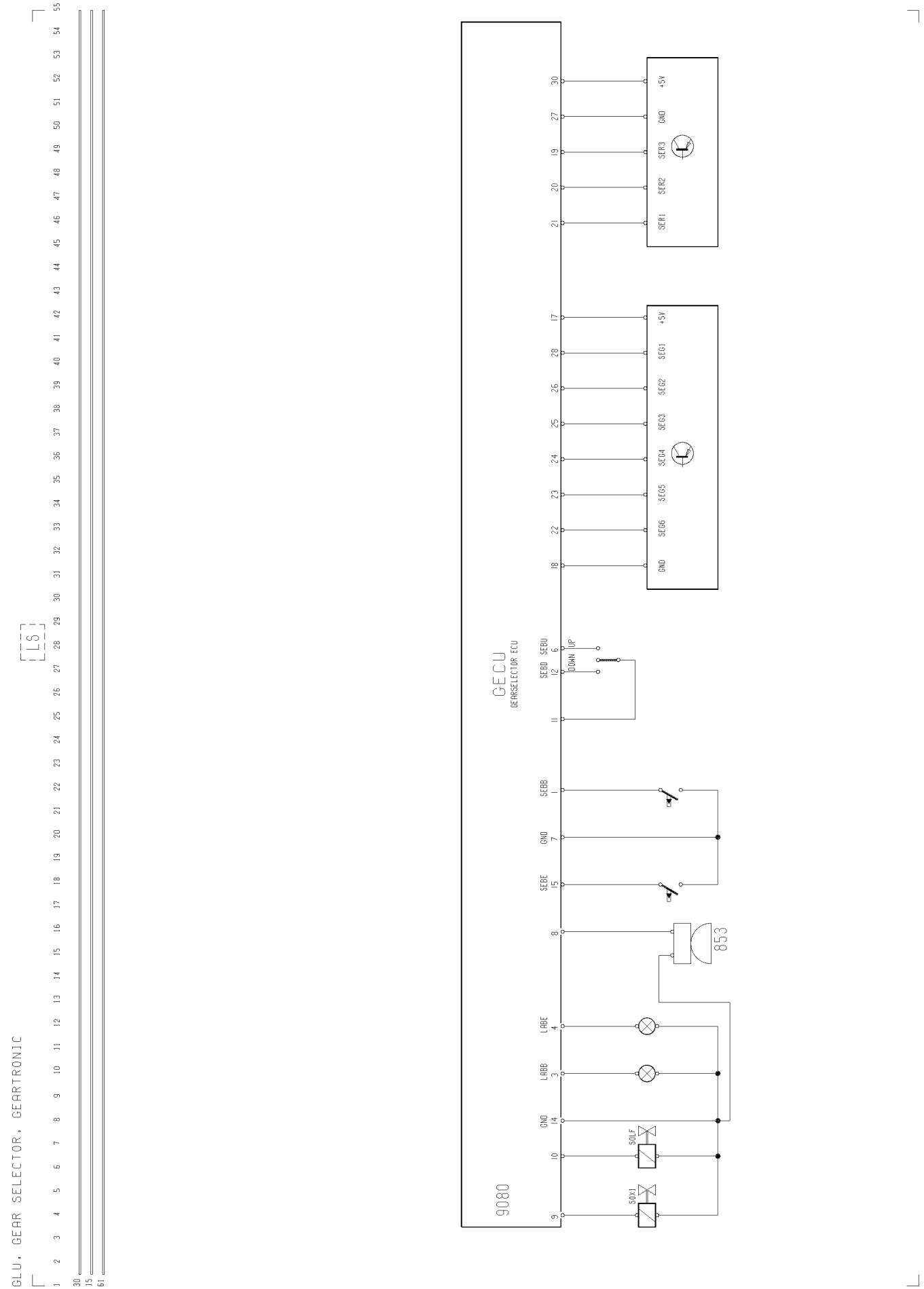

DIFF.-LOCK
LG
DUBBLE POWER TAKE OFF
LE
F26
5A
4X2, 6X2, 8X2
126
6X4, 8X4
127
1149 2
1149 1
6024 B
6024 A
6021
601
207
1207 R
360

T3011725

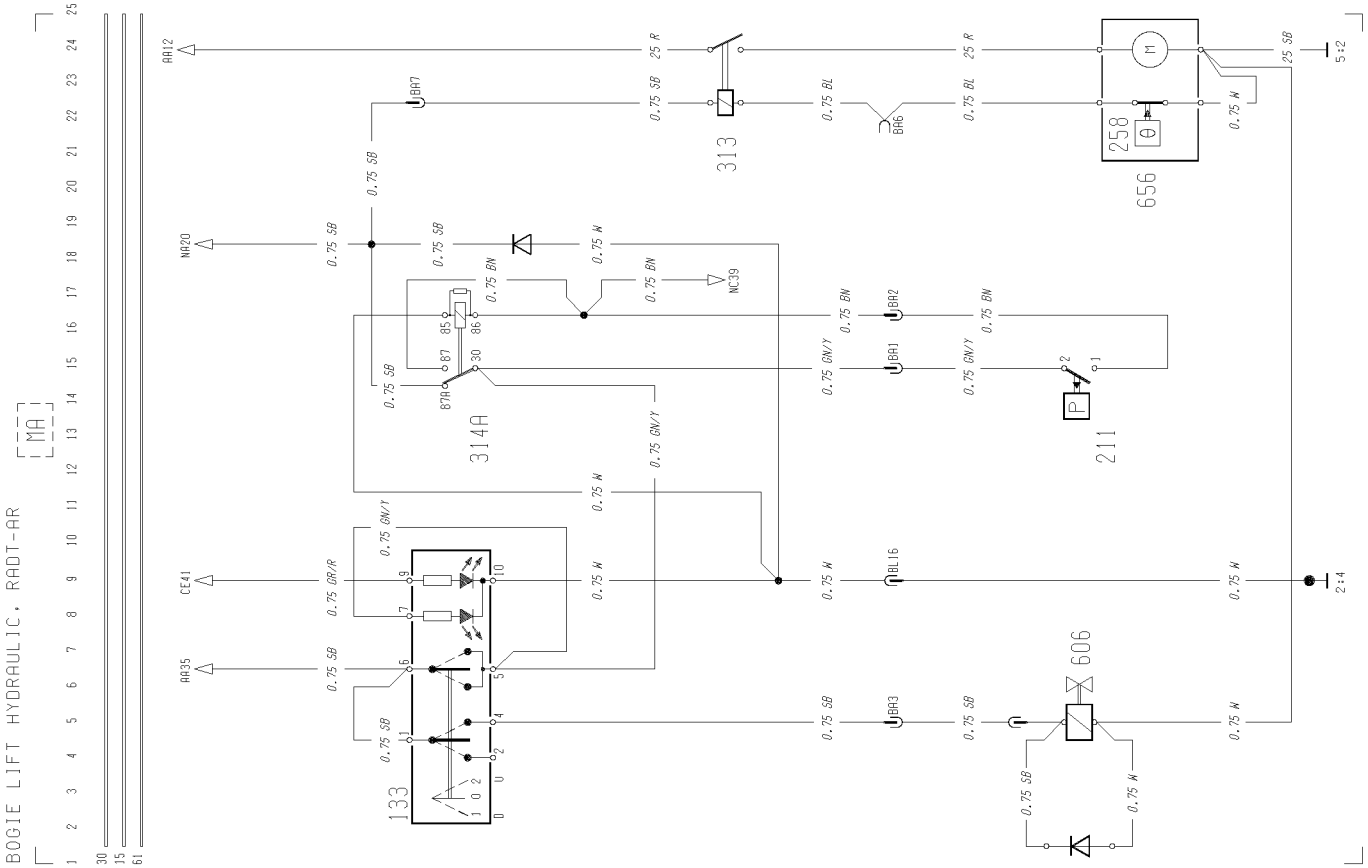

GEARTRONIC, AUTOMATIC GEARSHIFT
9080
GECU
GEARSELECTOR ECU
9057
TECU
GEARBOX ECU
9029
3073
53 B
345
F71
F70
F72
758
SEIS
7080
SERP
7079
SESP
7078
SEFRP
7077
SEFGP
7068
SECO
762
SEOT
2067
6048A
6048B
6025
6026
6027
6028
6029
6038
6039
6040
GEAR SELECTOR
GEAR LEVER UNIT
SEE SCHEMATIC LS
FOR BODY BUILDER
TO PTO SWITCHES

T3011726

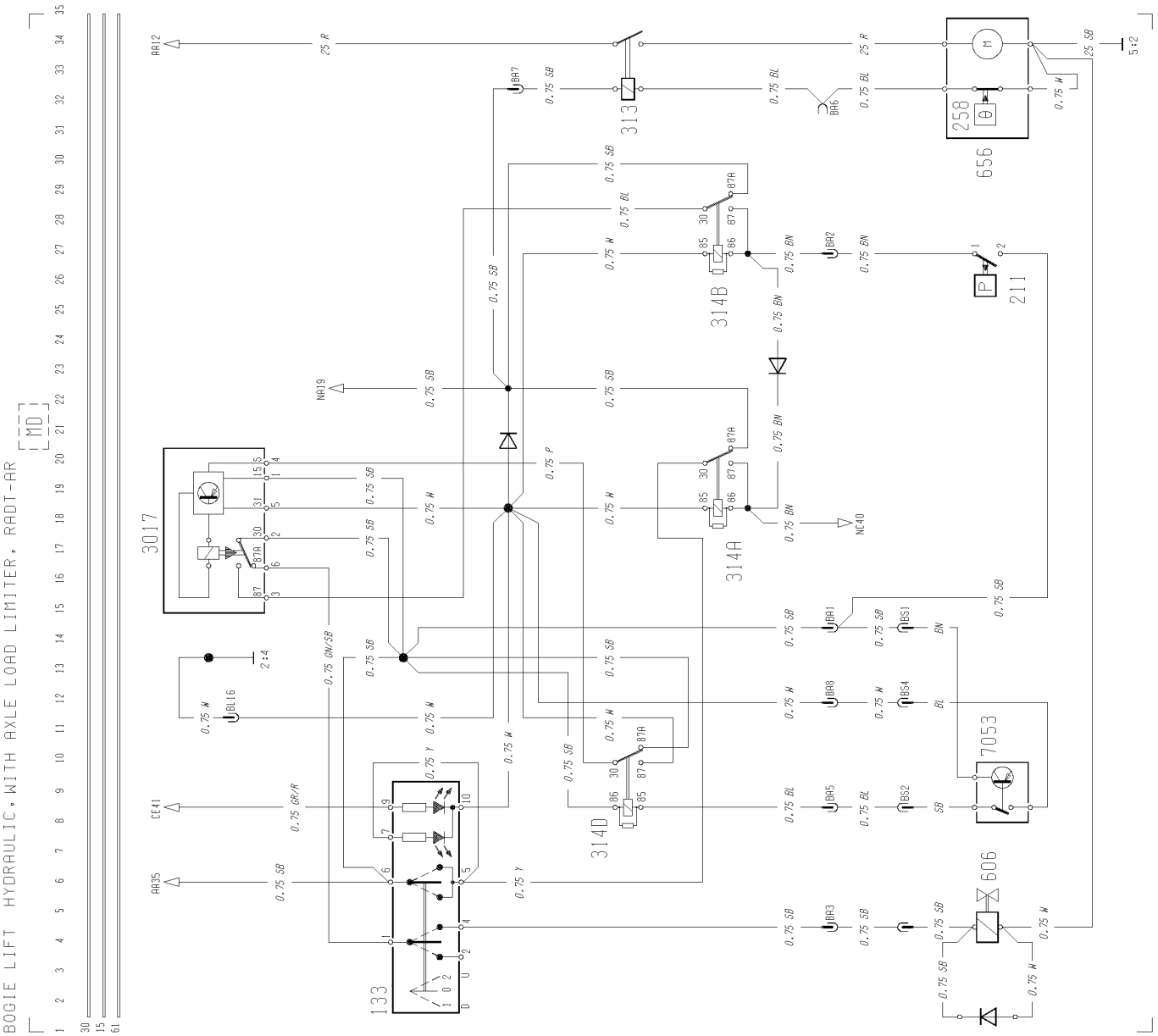

POWERTRONIC
GEARBOX ECU
TECU
9057
GECU
GEARSELECTOR ECU
9080
9029
GLU
GEAR LEVER UNIT
3073
345
F71
F70
F72
53 B
7052 B
16018
767
761
762
763
7070
7076
6024
26
FAR BODY BUILDER
LE13 TO PTO SWITCHES

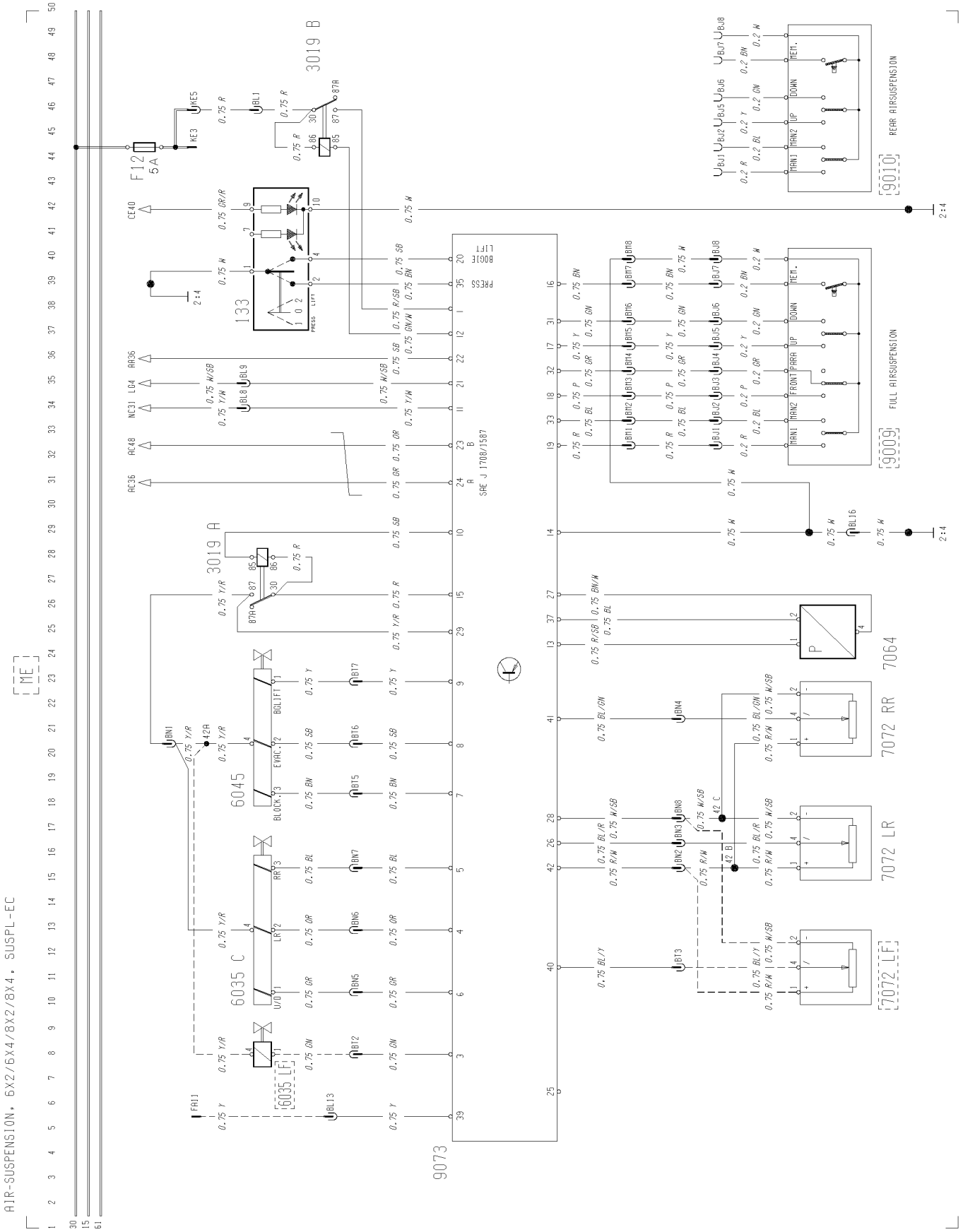

GLU, GEAR SELECTOR, GEARTRONIC
30
15
61
GECU
GEARSELECTOR ECU
9080
SEBD SEBU
DOWN UP
SEBB
GND
SEBE
LABE
LABB
GND
SOLF
SOXJ
853
+5V
GND
SER3
SER2
SER1
+5V
SEG1
SEG2
SEG3
SEG4
SEG5
SEG6
GND

T3011728

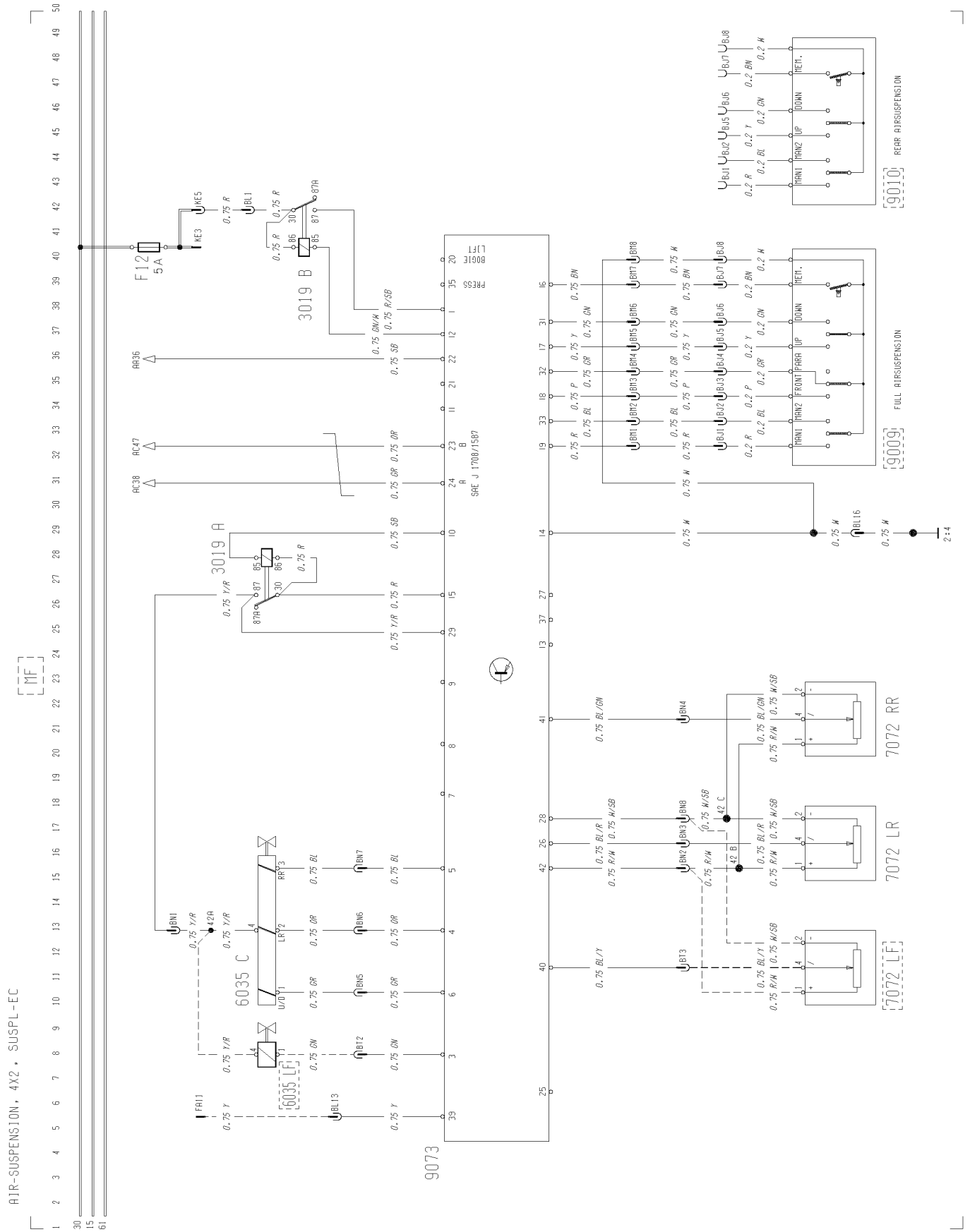

BOGIE LIFT HYDRAULIC, RADT-AR
MA
AA12
BH7
313
BR6
258
656
M
5:2
NA20
NC39
BR2
BR1
314A
211
P
CE41
AA35
BL16
2:4
606
133
0.75 SB
0.75 GN/Y
0.75 GR/R
0.75 W
0.75 BN
0.75 BL
25 R
25 SB

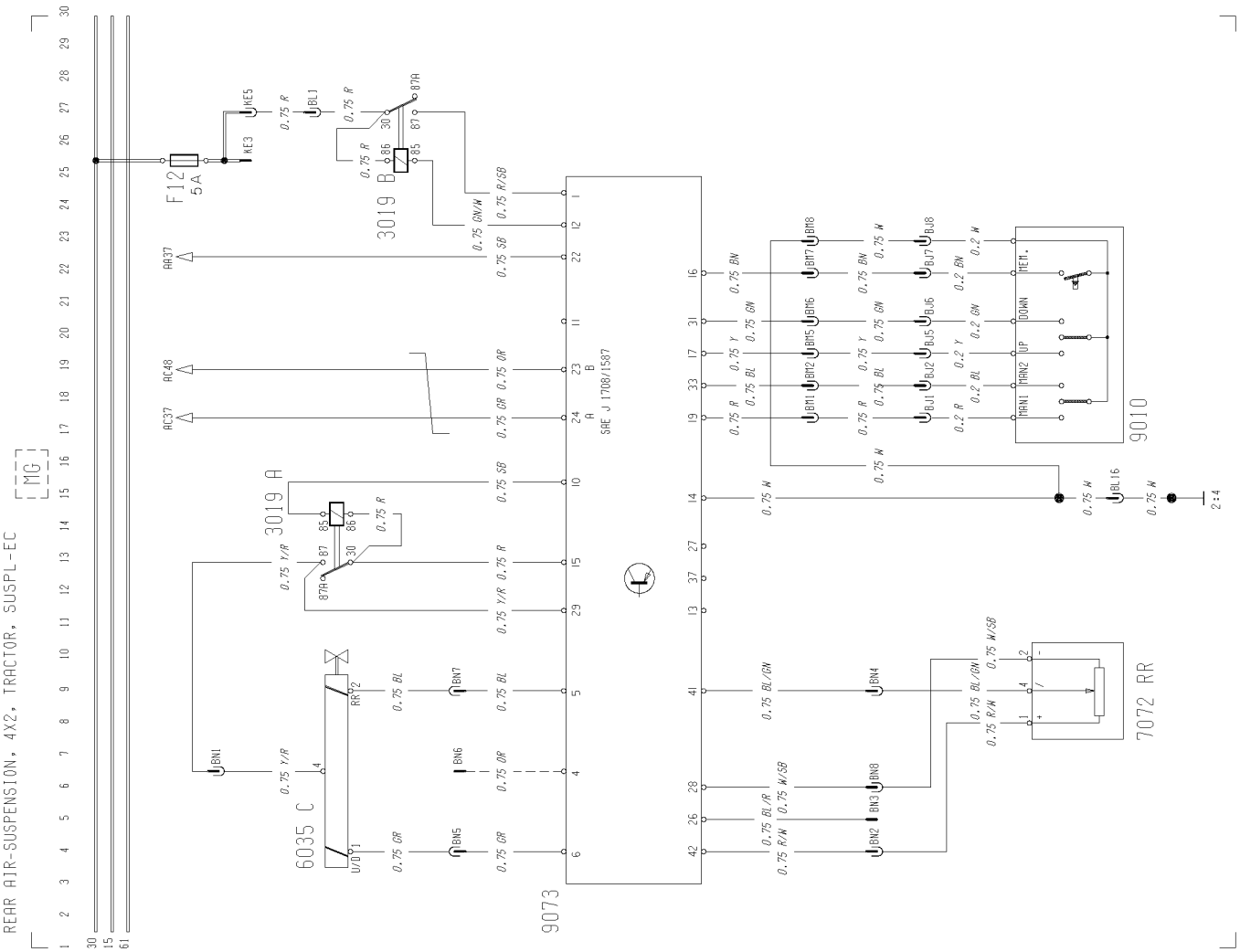
T3011729


BOGIE LIFT HYDRAULIC, WITH AXLE LOAD LIMITER, RADT-AR
MD
3017
133
313
314A
314B
314D
211
258
656
606
7053
T3011730

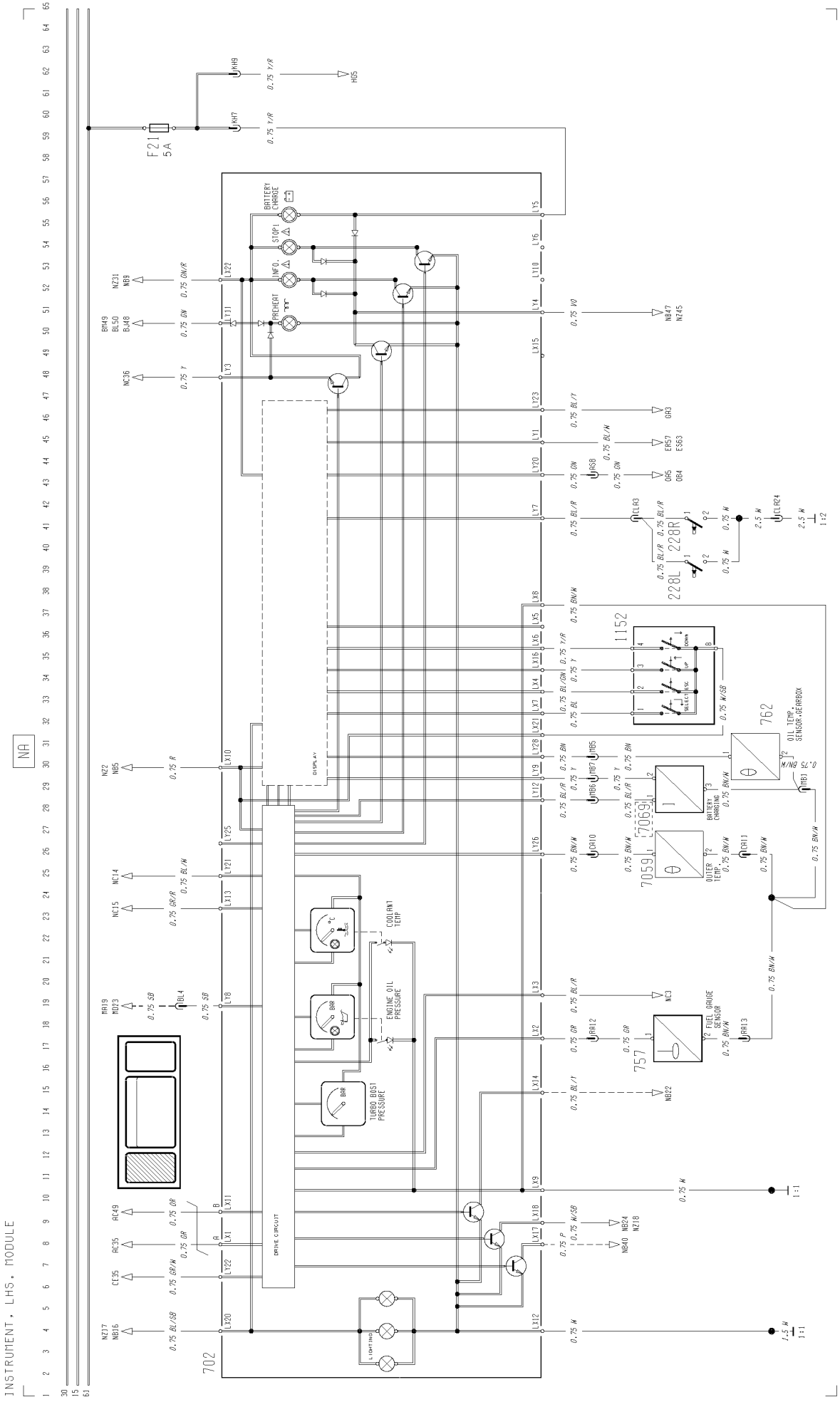

AIR-SUSPENSION, 6X2/6X4/8X2/8X4, SUSPL-EC
ME1
F12 5A
3019 B
3019 A
133
6045
6035 C
6035 LF
7072 RR
7072 LR
7072 LF
7064
9073
9009
9010
FULL AIRSUSPENSION
REAR AIRSUSPENSION
SAE J 1708/1587

T3011731

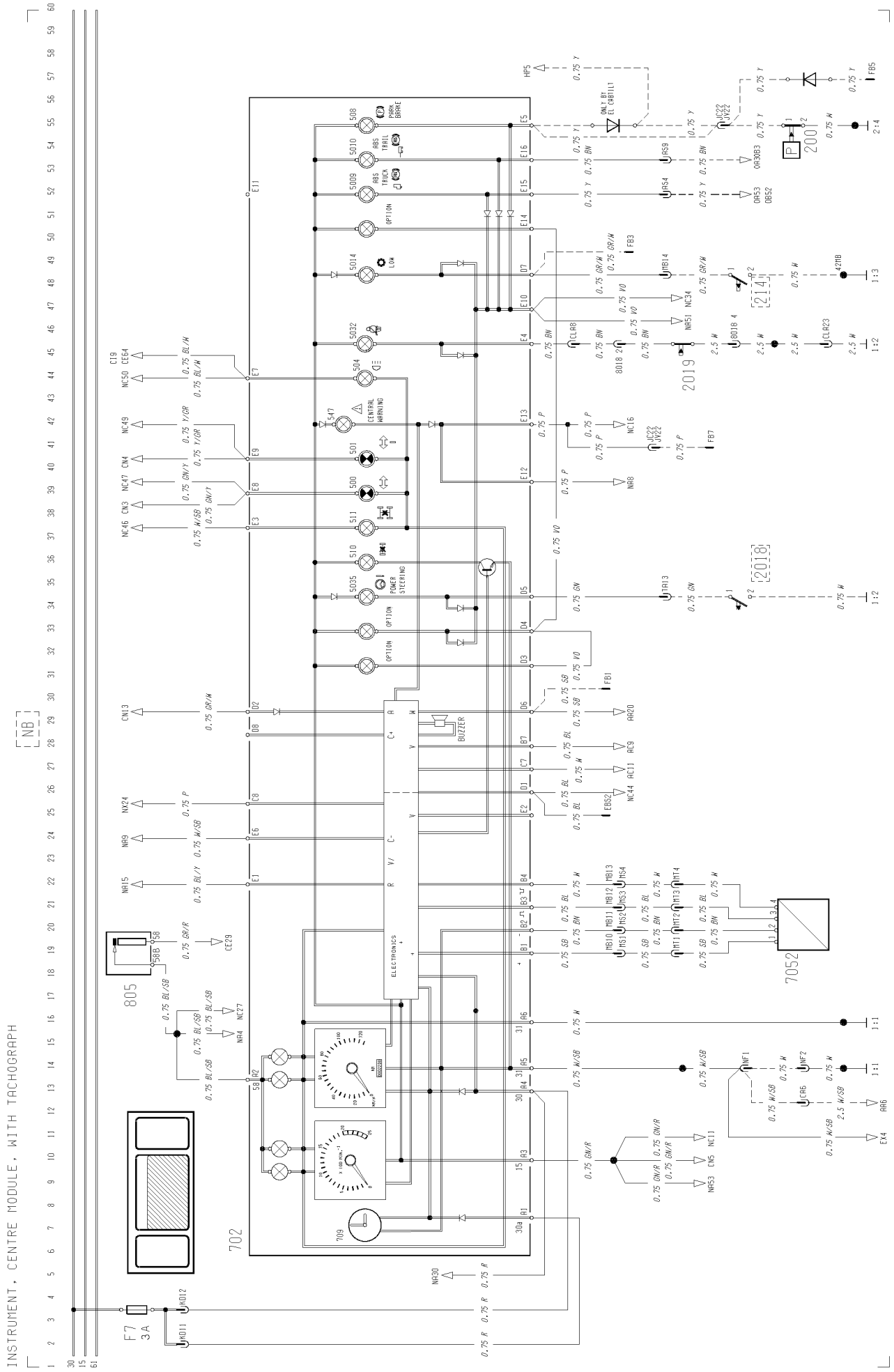

AIR-SUSPENSION, 4X2, SUSPL-EC
MF
F12
5A
3019 B
3019 A
6035 C
6035 LF
9073
7072 RR
7072 LR
7072 LF
9009
FULL AIRSUSPENSION
9010
REAR AIRSUSPENSION
SAE J 1708/1587
T3011732

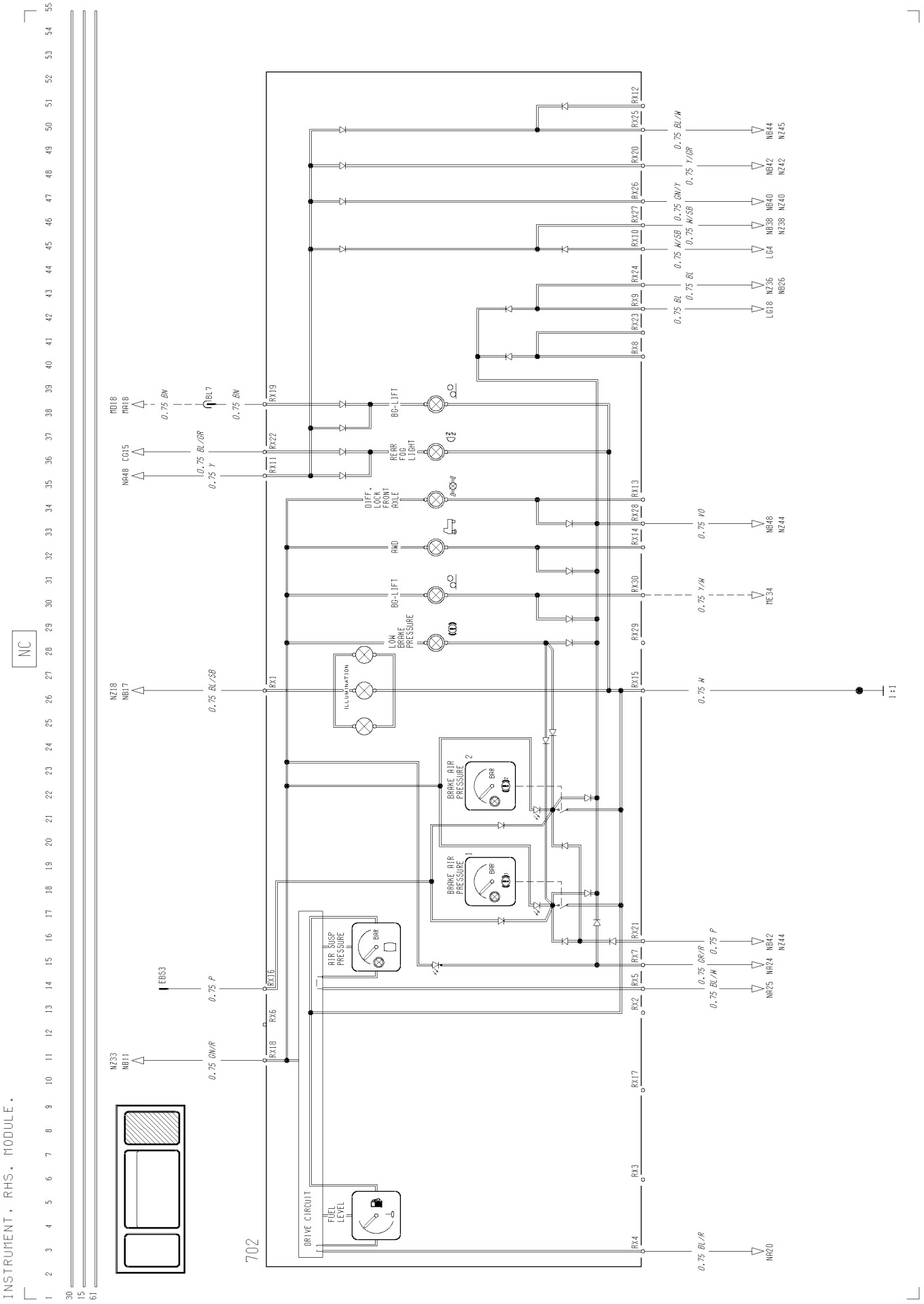

REAR AIR-SUSPENSION, 4X2, TRACTOR, SUSPL-EC
MG
30
15
61
F12
5A
KE5
KE3
3019 B
3019 A
6035 C
9073
9010
7072 RR
SAE J 1708/1587
MEM+
DOWN
UP
MAN2
MAN1

T3011733

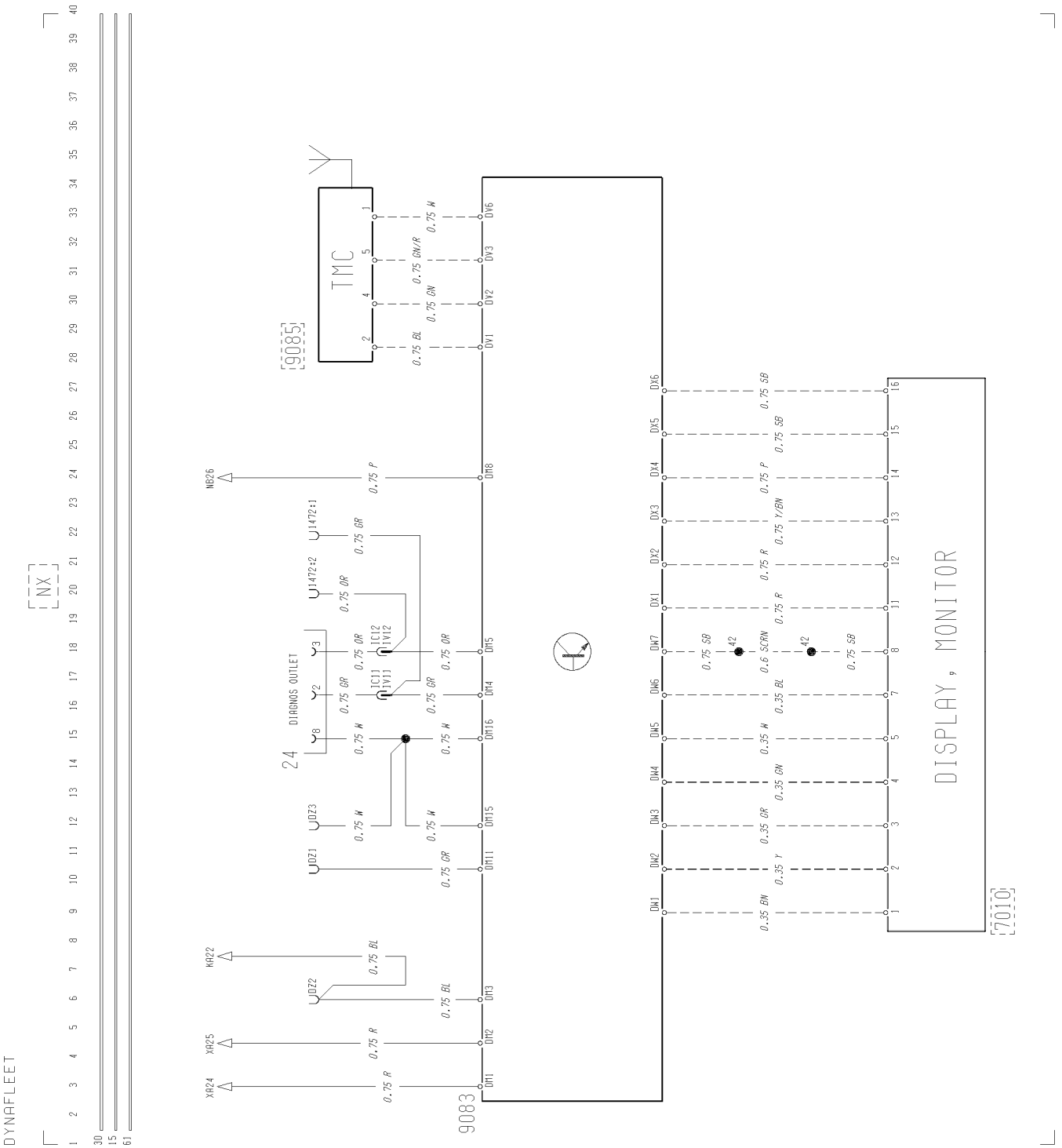

INSTRUMENT, LHS. MODULE
NA
F21 5A
BATTERY CHARGE
STOP!
INFO.
PREHEAT
DISPLAY
DRIVE CIRCUIT
LIGHTING
COOLANT TEMP
ENGINE OIL PRESSURE
TURBO BOOST PRESSURE
OIL TEMP SENSOR-GEARBOX
BATTERY CHARGING
OUTER TEMP
FUEL GAUGE SENSOR
SELECT
ESC
UP
DOWN
228L
228R
1152
762
757
7059
702

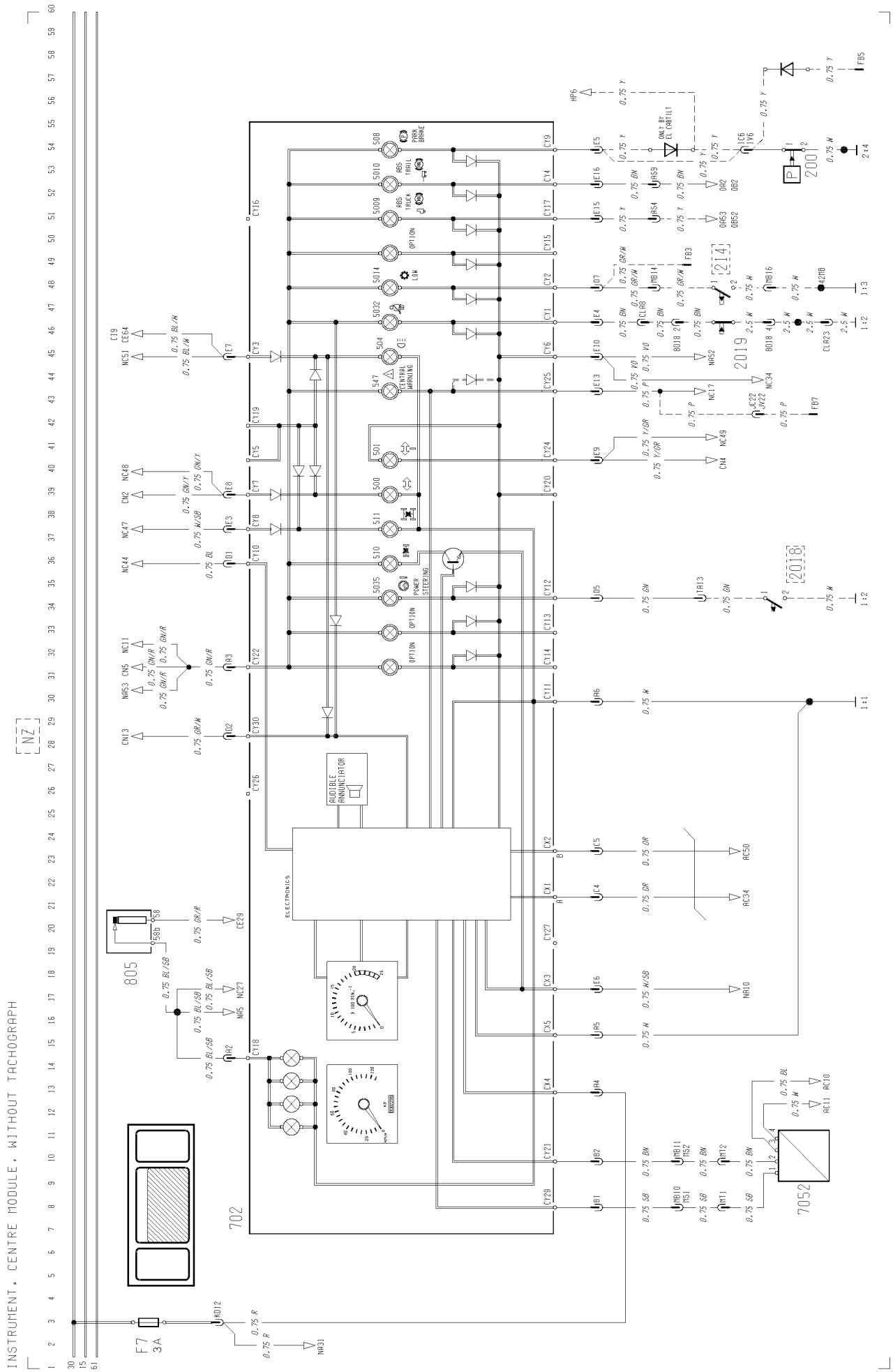
T3011734


INSTRUMENT, CENTRE MODULE, WITH TACHOGRAPH
[NB]
702
709
805
7052
2001
2018
2019
2214
ELECTRONICS
BUZZER
CENTRAL WARNING
POWER STEERING
PARK BRAKE
ABS TRAIL
ABS TRUCK
OPTION
LOW
ONLY BT EL CABRIOLET
F7 3A

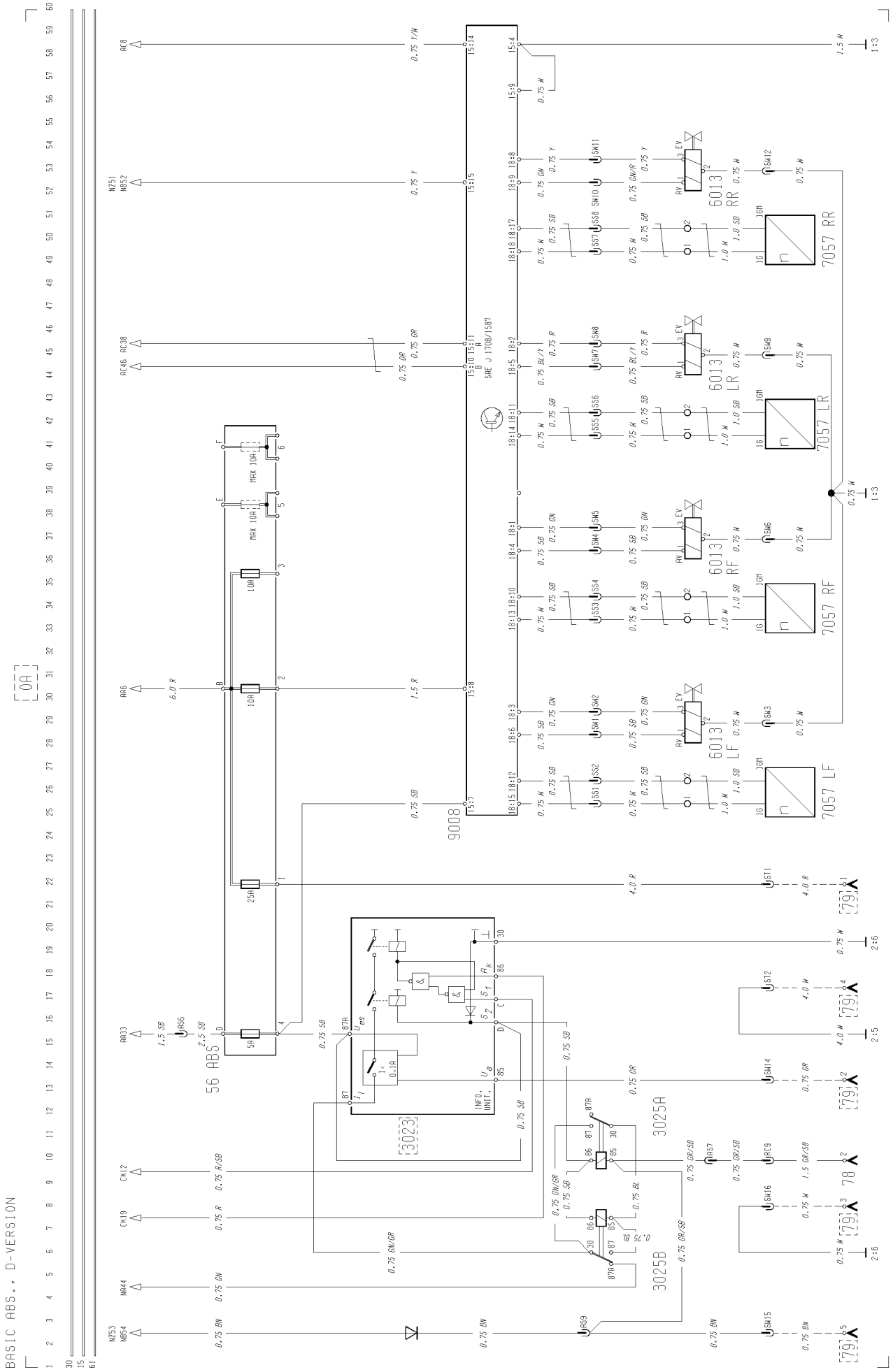

INSTRUMENT, RHS. MODULE.
NC
702
RX12
RX25
RX20
RX26
RX27
RX10
RX24
RX9
RX23
RX8
RX19
RX22
RX11
RX13
RX28
RX14
RX30
RX29
RX15
RX3
RX21
RX7
RX5
RX2
RX17
RX6
RX16
RX18
RX1
RX4
0.75 BL/W
0.75 Y/GR
0.75 GN/Y
0.75 W/SB
0.75 BL
0.75 BN
0.75 BL/GR
0.75 Y
0.75 W
0.75 Y/W
0.75 GR/R
0.75 P
0.75 GN/R
0.75 BL/R
NB44
NZ45
NB42
NZ42
NB40
NZ40
NB38
NZ38
LG4
NZ36
NB26
LG18
NB48
NZ44
ME34
NR25
NR24
NR20
NZ33
NB11
NZ18
NB17
MD18
MA18
CG15
NA48
EBS3
BBL7
BG-LIFT
REAR FOG LIGHT
DIFF. LOCK FRONT AXLE
4WD
LOW BRAKE PRESSURE
ILLUMINATION
BRAKE AIR PRESSURE 2
BRAKE AIR PRESSURE 1
AIR SUSP PRESSURE
FUEL LEVEL
DRIVE CIRCUIT
BAR
1:1

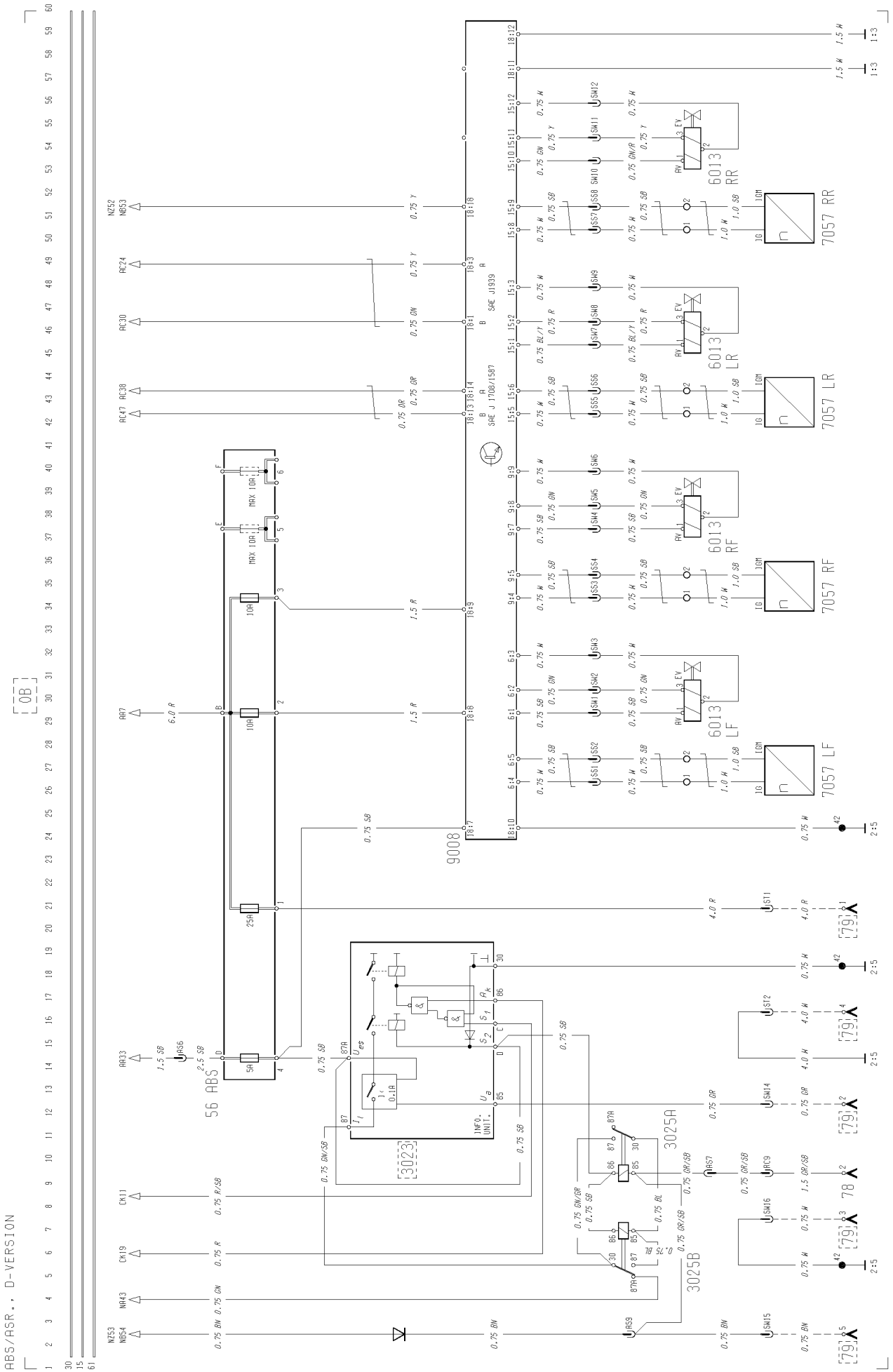
T3011736


DYNAFLEET
NX1
TMC
9085
DISPLAY, MONITOR
7010
9083
DIAGNOS OUTLET
24
T3011737

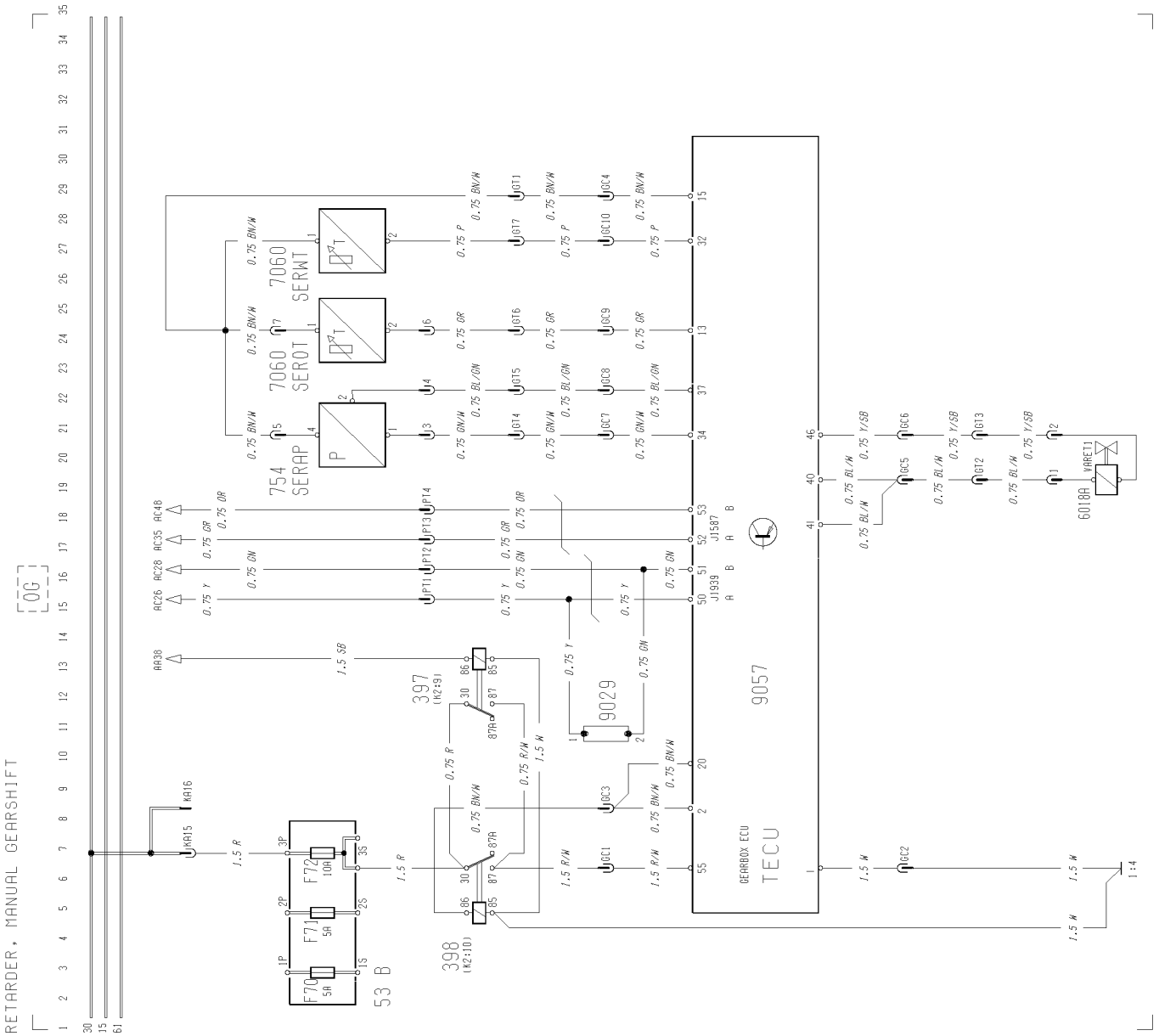

INSTRUMENT, CENTRE MODULE, WITHOUT TACHOGRAPH
ELECTRONICS
AUDIBLE ANNUNCIATOR
POWER STEERING
CENTRAL WARNING
PARK BRAKE
ABS TRAIL
ABS TRUCK
OPTION
LOW
ONLY BY EL CABTILT
805
702
7052
2019
2141
2018
2001
F7 3A

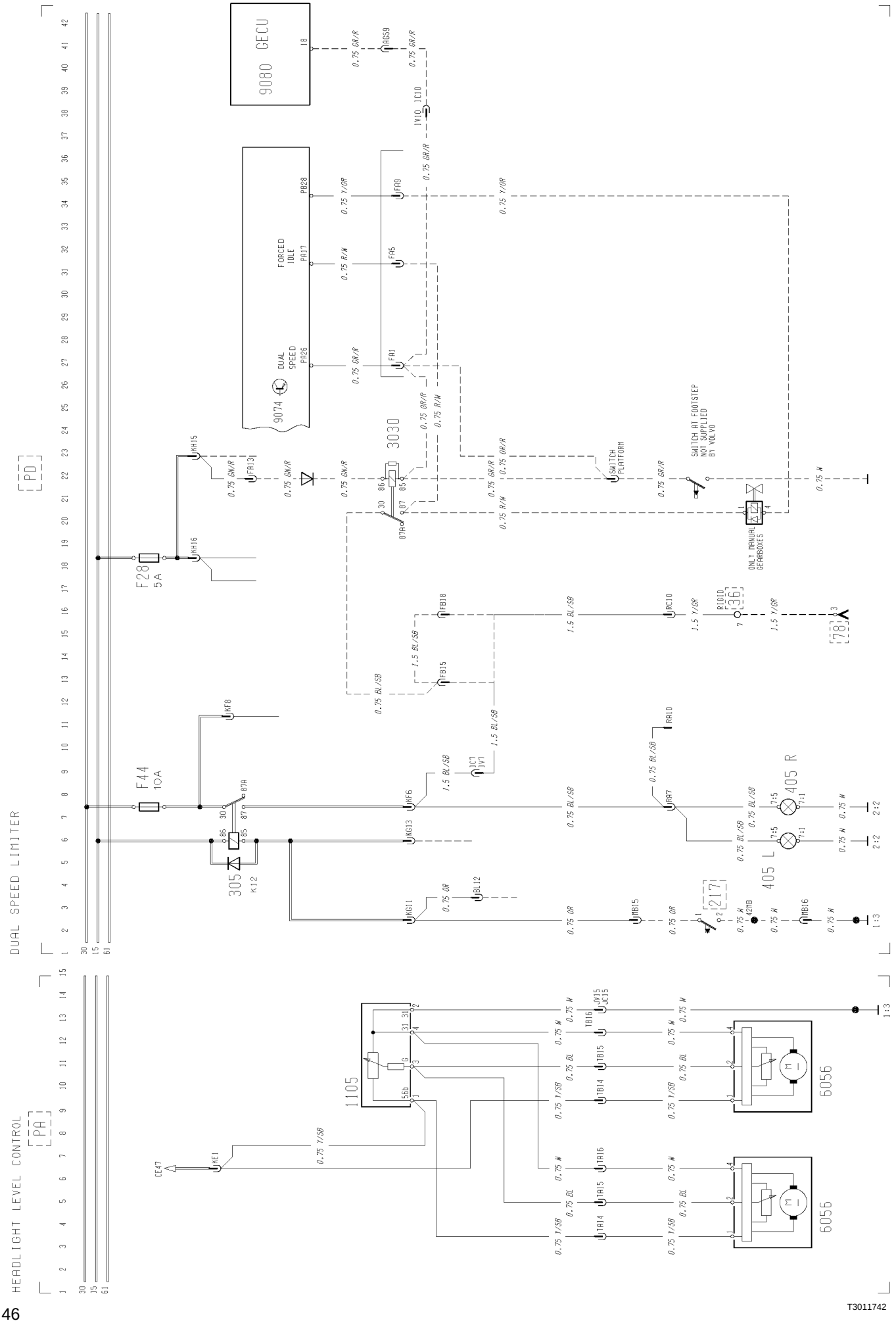
T3011738

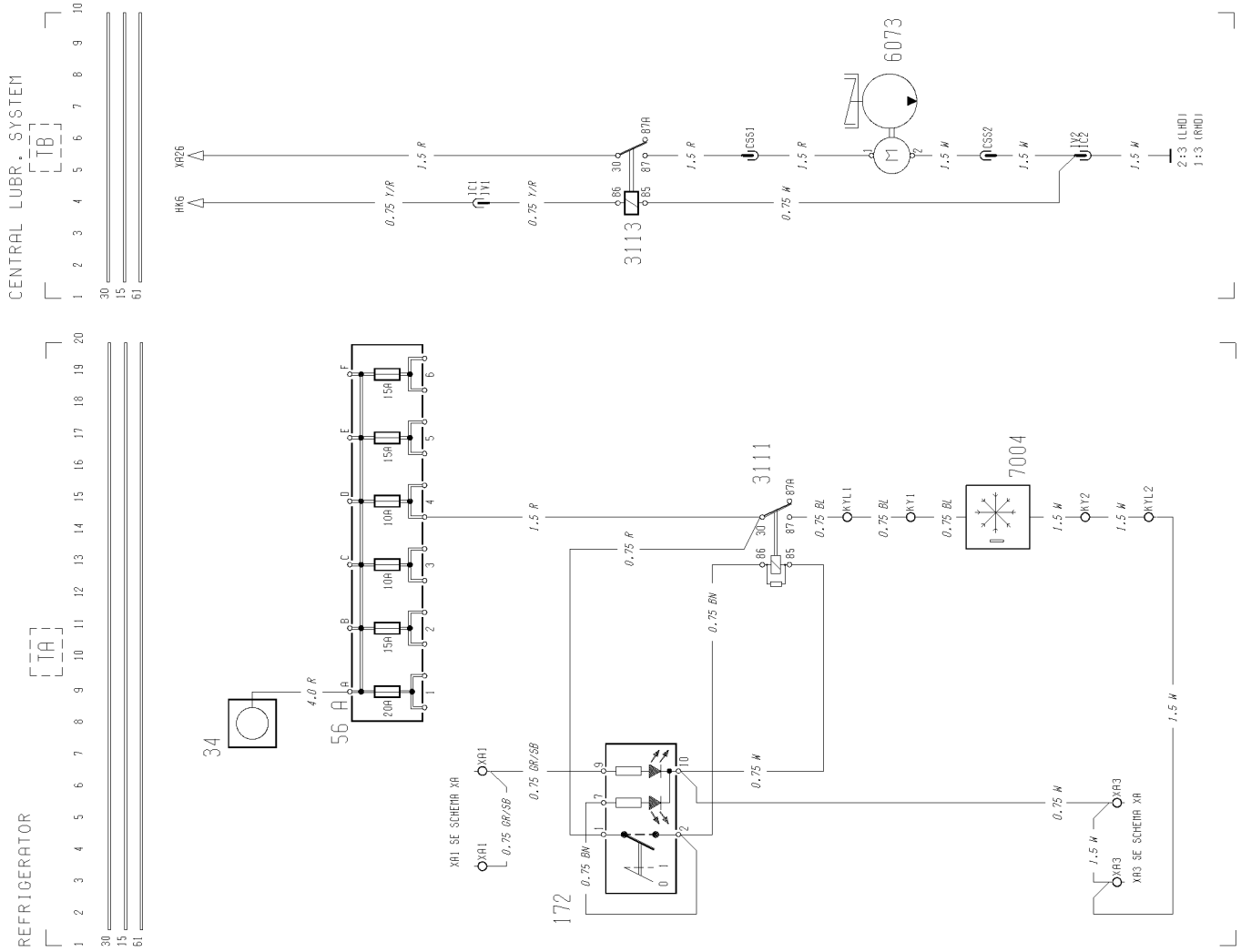

BASIC ABS.. D-VERSION
56 ABS
7057 LF
7057 RF
7057 LR
7057 RR
6013 LF
6013 RF
6013 LR
6013 RR
9008
3023
3025A
3025B
10A
25A
5A
MAX 10A
0.75 GR/SB
0.75 GW/OR
0.75 BL
0.75 SB
0.75 GR
0.75 GW
0.75 BW
0.75 W
0.75 Y
0.75 R
1.5 SB
2.5 SB
6.0 R
1.5 R
4.0 R
4.0 W
1.0 SB
1.0 W


ABS/ASR.. D-VERSION
56 ABS
7057 RR
7057 LR
7057 RF
7057 LF
6013 RR
6013 RF
6013 LR
6013 LF
9008
3025A
3025B
3023
78

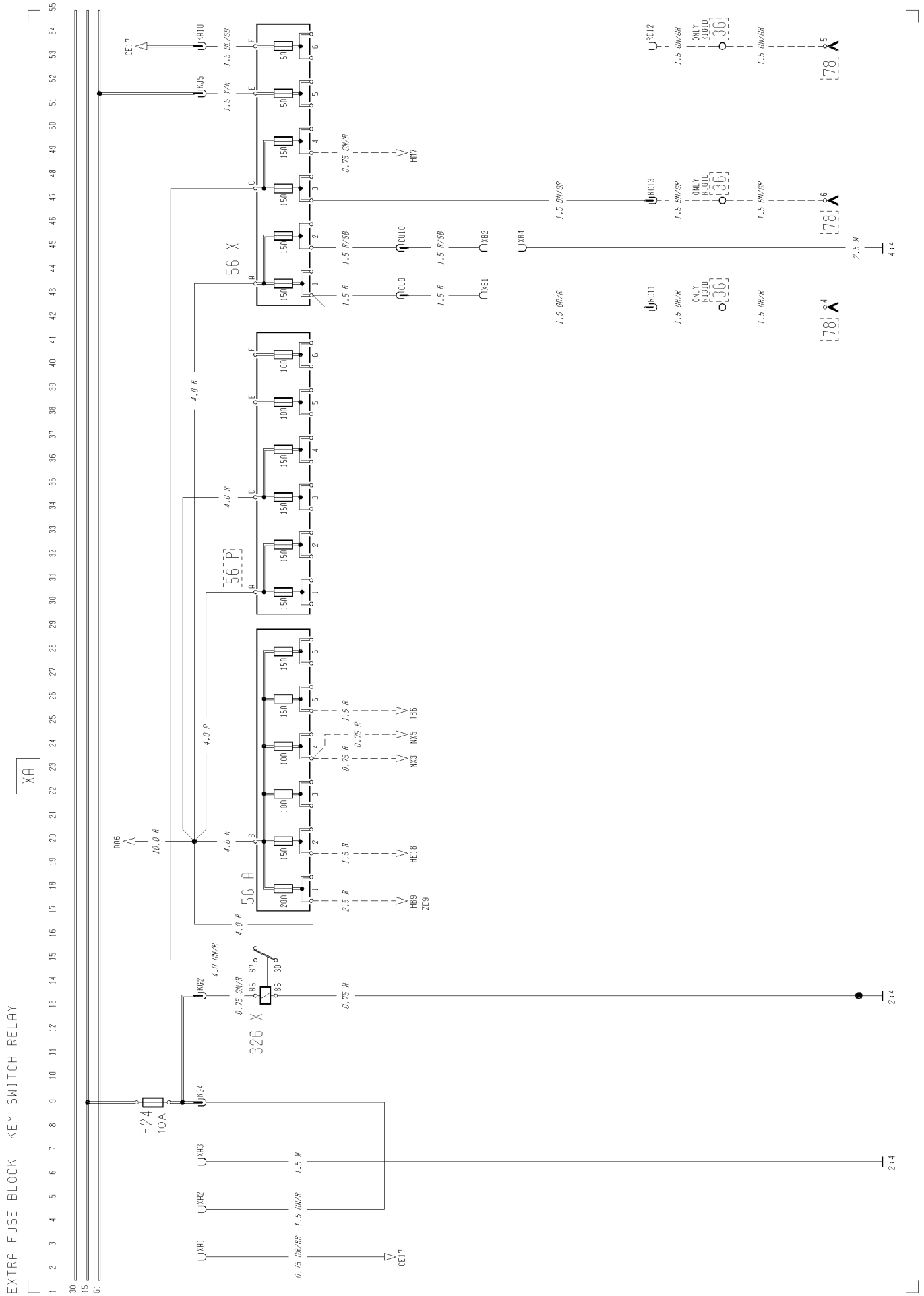
T3011740


RETARDER, MANUAL GEARSHIFT
TECU
GEARBOX ECU
9057
7060 SERWT
7060 SEROT
754 SERAP
9029
397
398
53 B
F70 5A
F71 5A
F72 10A
KA16
KA15
J1939
J1587
T3011741

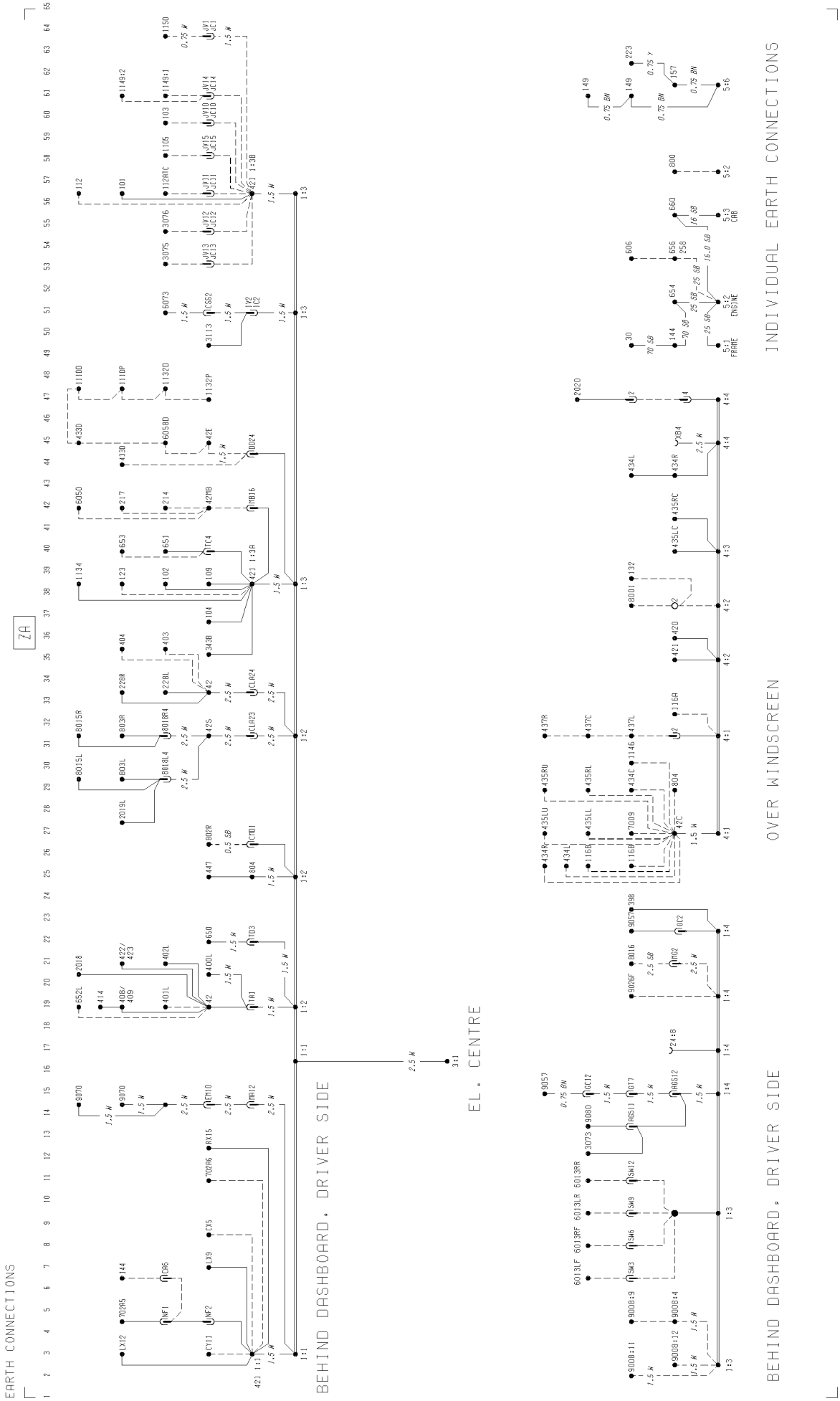

DUAL SPEED LIMITER
HEADLIGHT LEVEL CONTROL
9080 GECU
9074
DUAL SPEED
FORCED IDLE
SWITCH PLATFORM
SWITCH AT FOOTSTEP NOT SUPPLIED BY VOLVO
ONLY MANUAL GEARBOXES
RIGID
3030
1105
6056
6056
405 R
405 L
F28 5A
F44 10A
305
T3011742

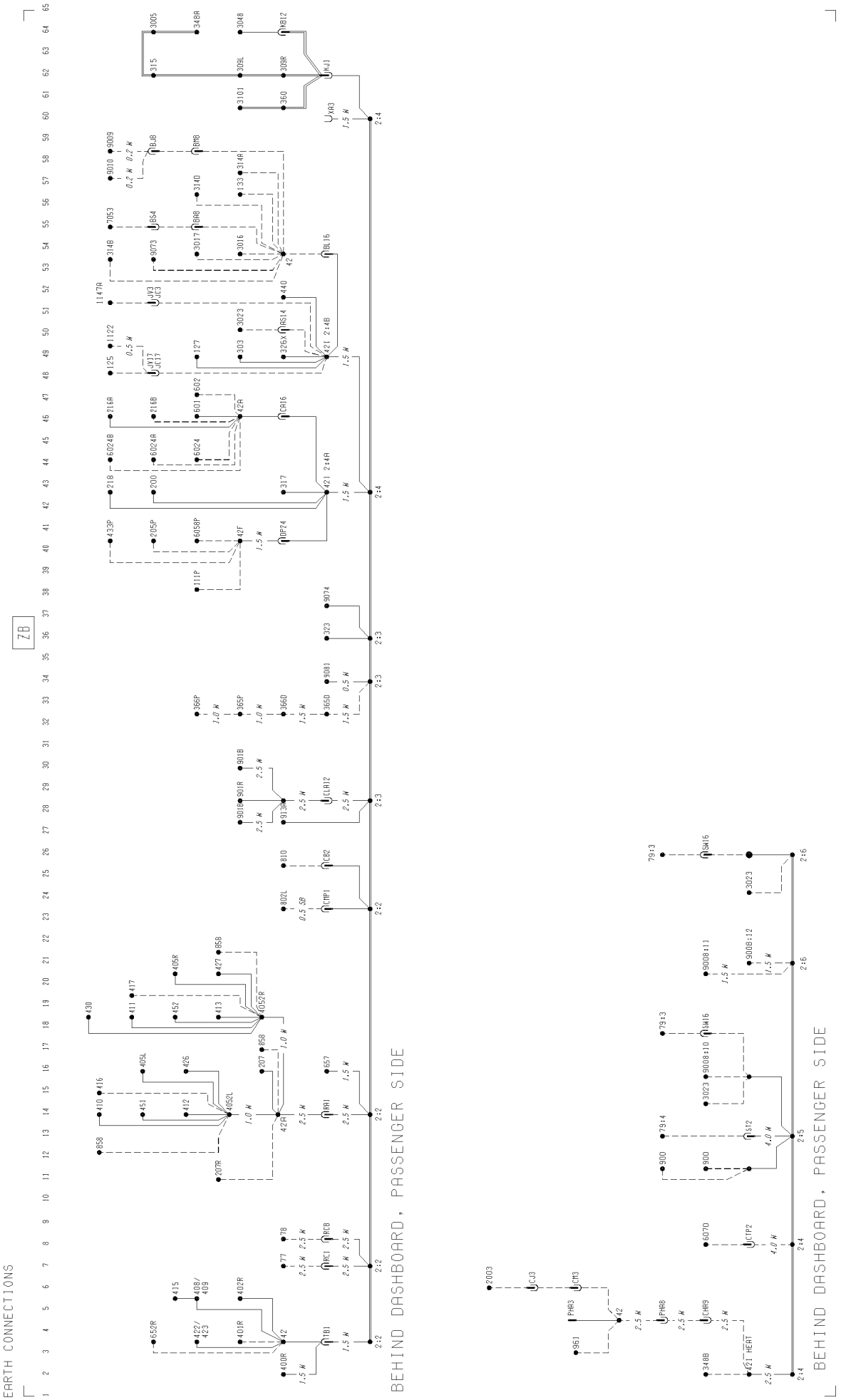

CENTRAL LUBR. SYSTEM
TB1
REFRIGERATOR
TA1
XA26
HK6
1.5 R
0.75 Y/R
1C1
1Y1
87A
3113
CGS1
6073
CGS2
1Y2
1C2
2:3 (LHD)
1:3 (RHD)
3111
7004
KYL1
KY1
KY2
KYL2
56 A
4.0 R
34
172
XA1 SE SCHEMA XA
0.75 GR/SB
0.75 BN
0.75 W
0.75 BL
XA3 SE SCHEMA XA

T3011743

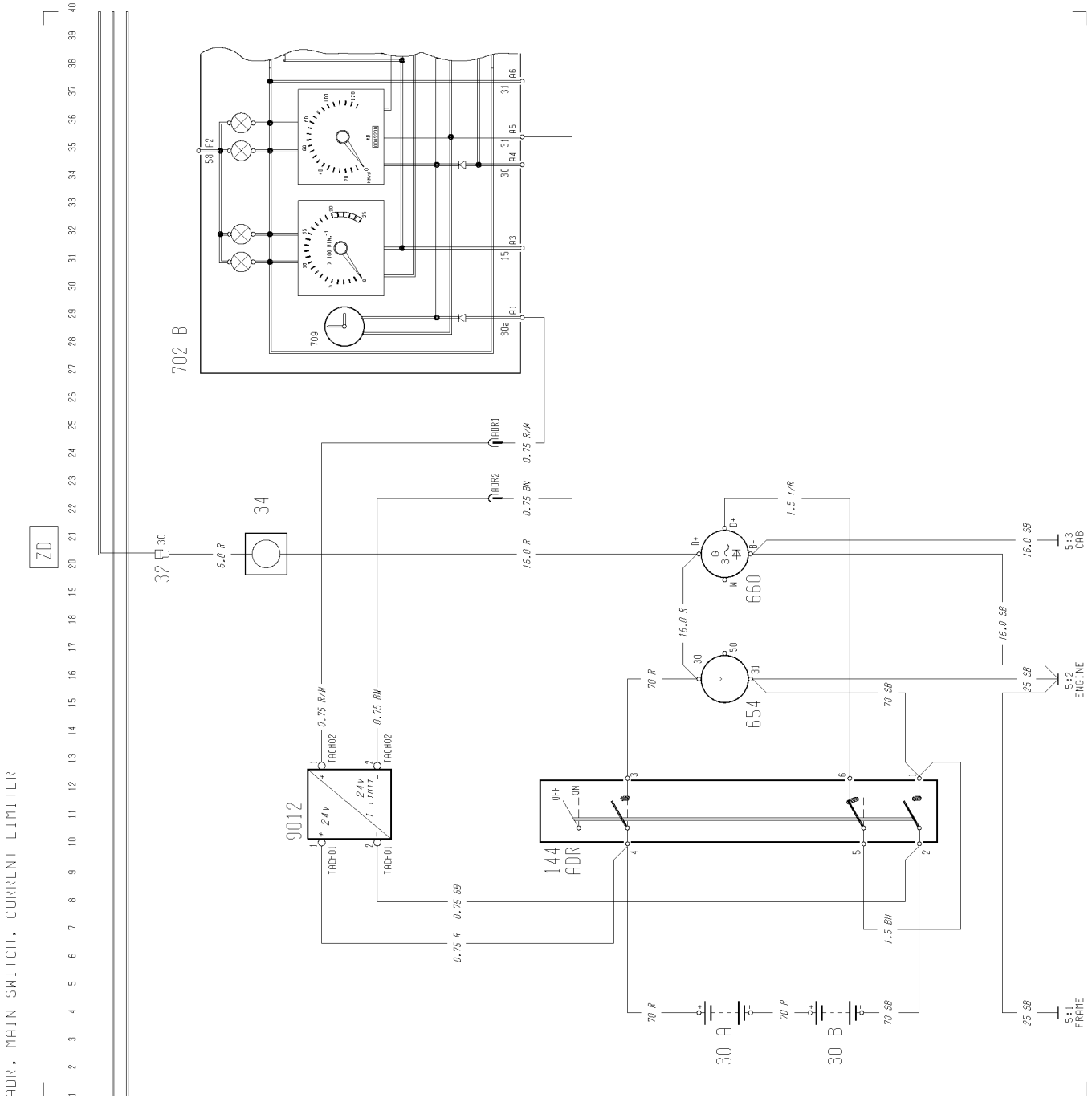

EXTRA FUSE BLOCK KEY SWITCH RELAY
XA
F24
10A
56 X
56 A
326 X
156 P
CE17
HM7
CU10
CU9
XB2
XB1
XB4
RC12
RC13
RC11
ONLY RIGID
136
178
HB9
ZE9
HE18
TB6
NX5
NX3
2:4
4:4
30
15
61

T3011744

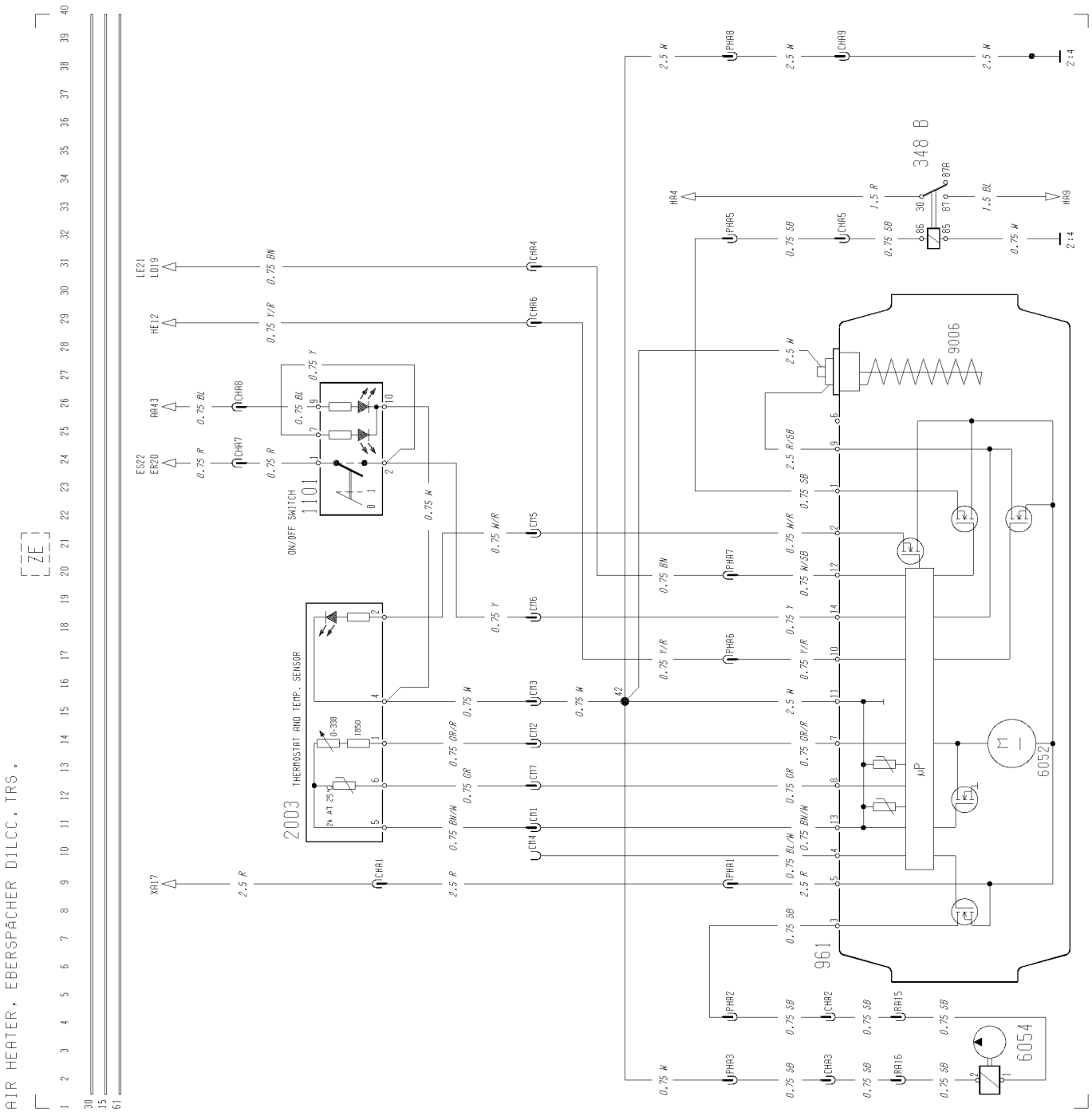

EARTH CONNECTIONS
BEHIND DASHBOARD, DRIVER SIDE
EL. CENTRE
INDIVIDUAL EARTH CONNECTIONS
OVER WINDSCREEN
BEHIND DASHBOARD, DRIVER SIDE
ZA


EARTH CONNECTIONS
BEHIND DASHBOARD, PASSENGER SIDE
BEHIND DASHBOARD, PASSENGER SIDE
ZB

T3011746


ADR, MAIN SWITCH, CURRENT LIMITER
ZD
702 B
709
34
32
660
654
9012
144 ADR
30 A
30 B
5:3 CAB
5:2 ENGINE
5:1 FRAME
ADR1
ADR2
TACHO1
TACHO2
24V
LIMIT
OFF
ON
0.75 R/W
0.75 BN
0.75 SB
0.75 R
1.5 Y/R
1.5 BN
16.0 R
16.0 SB
6.0 R
70 R
70 SB
25 SB

T3011747


AIR HEATER, EBERSPÄCHER D1LCC.TRS.
ON/OFF SWITCH
1101
THERMOSTAT AND TEMP. SENSOR
2003
9006
961
6052
6054
348 B
T3011748

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1007	Cable harness, cab, lower	page 72
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1476	Cable harness, engine, cab	page 108
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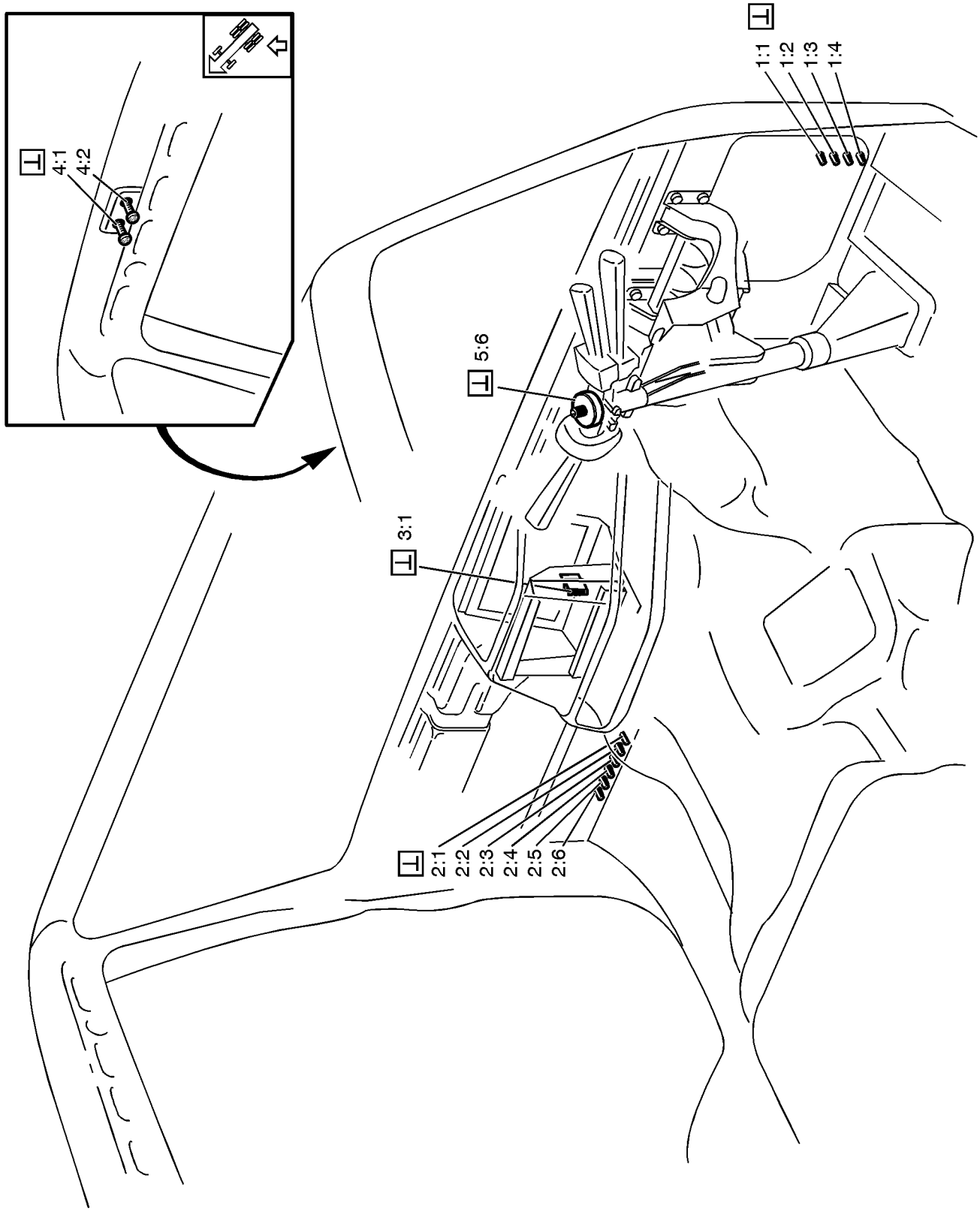
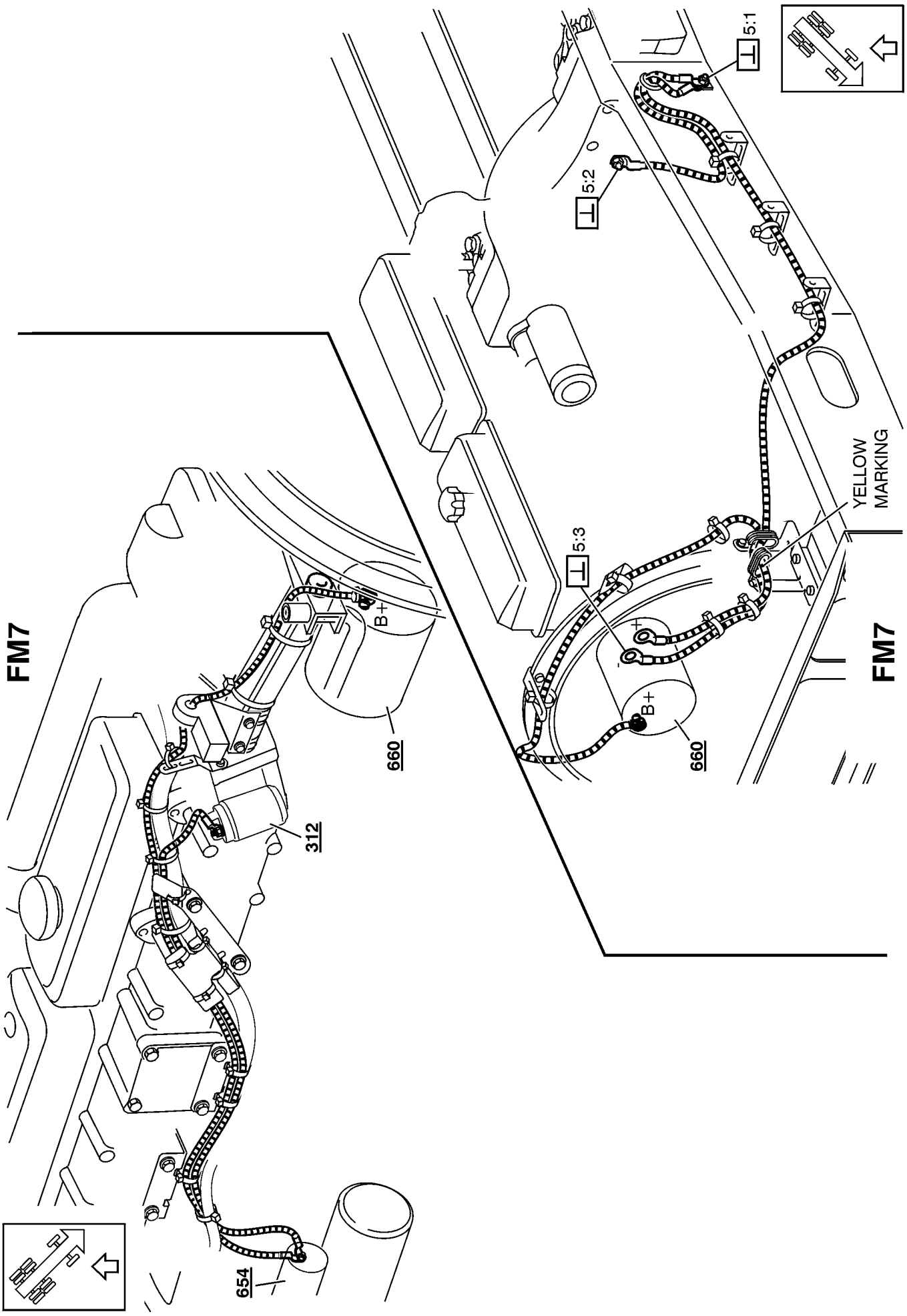
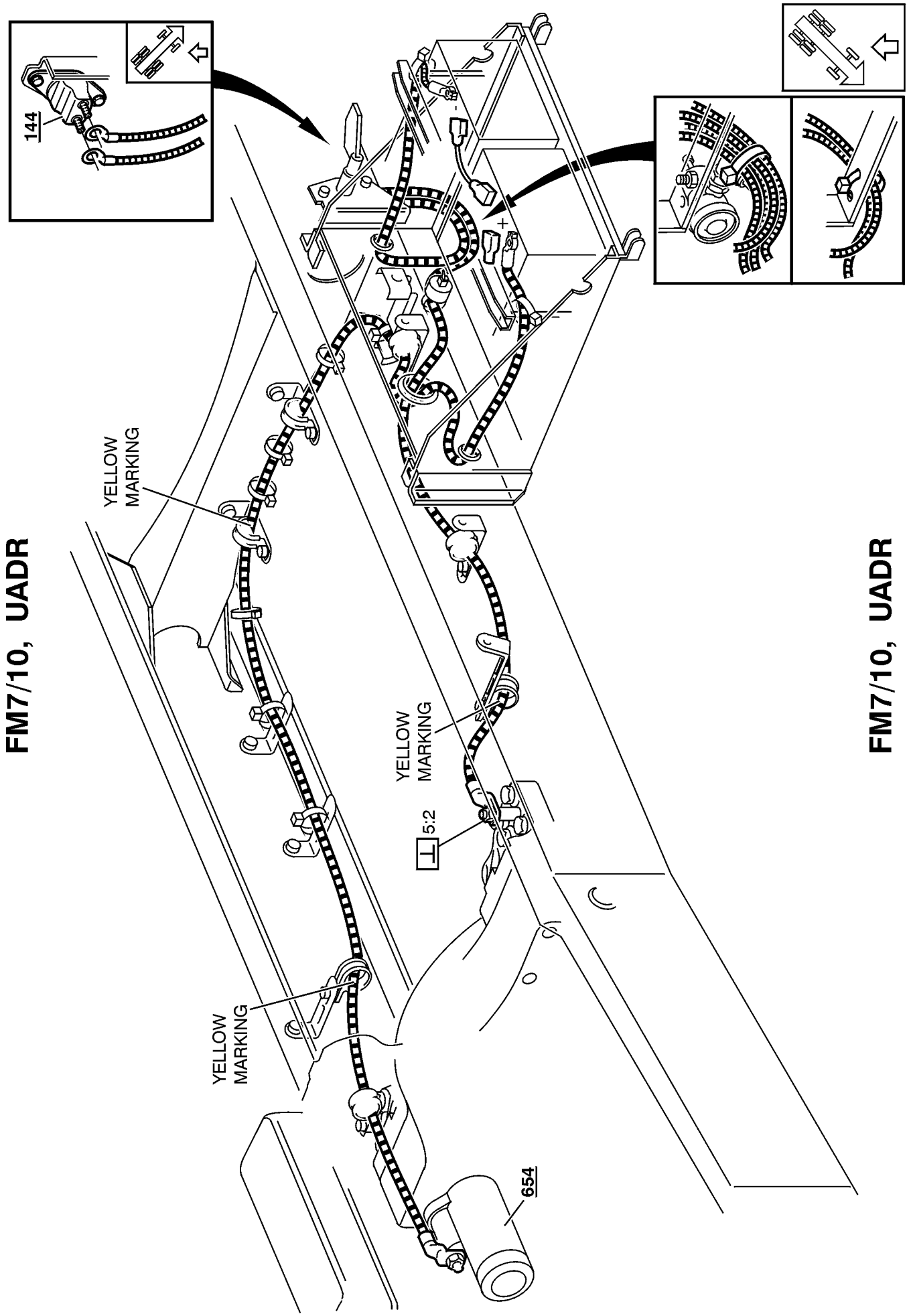
Illustrations

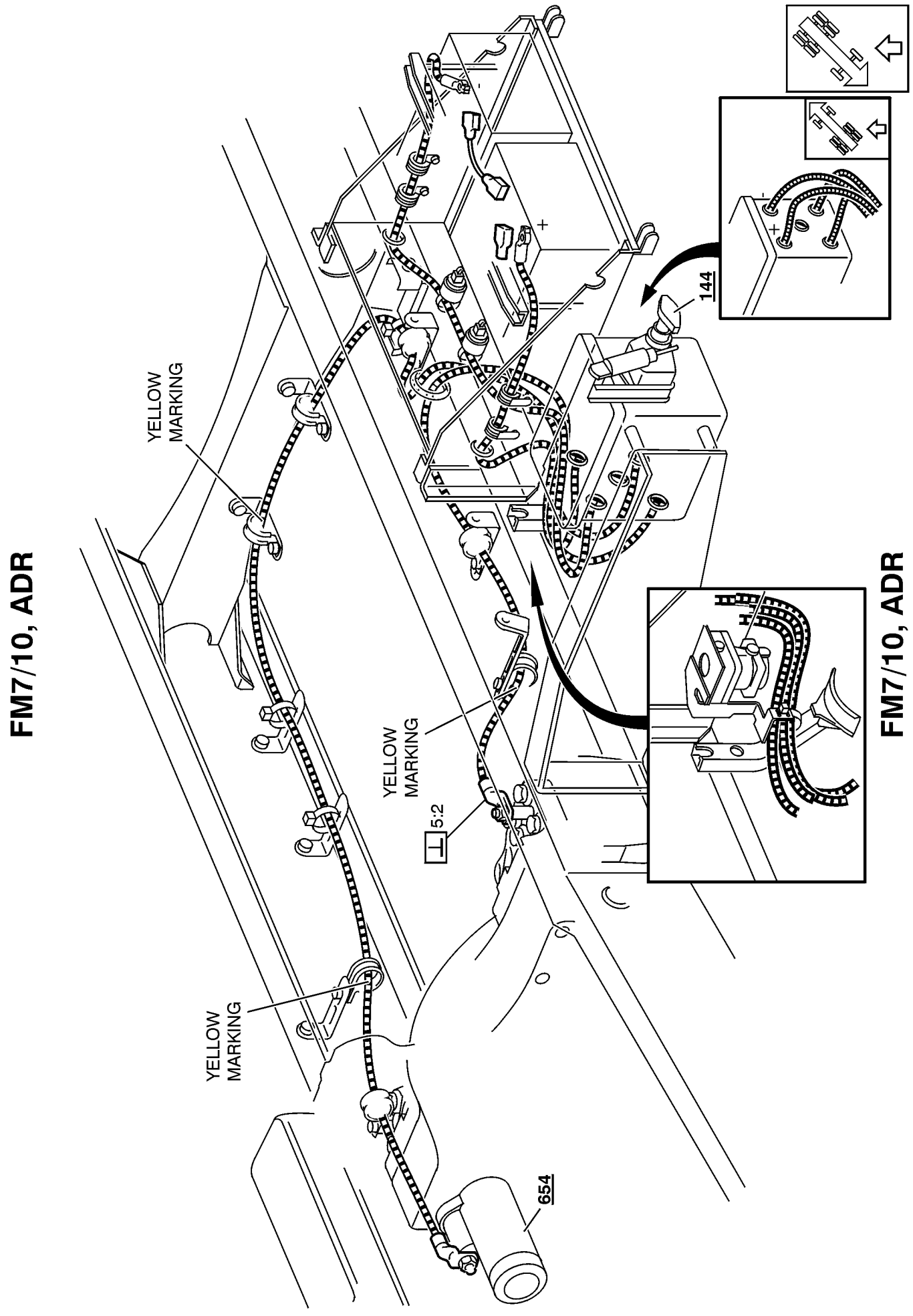


T3009987

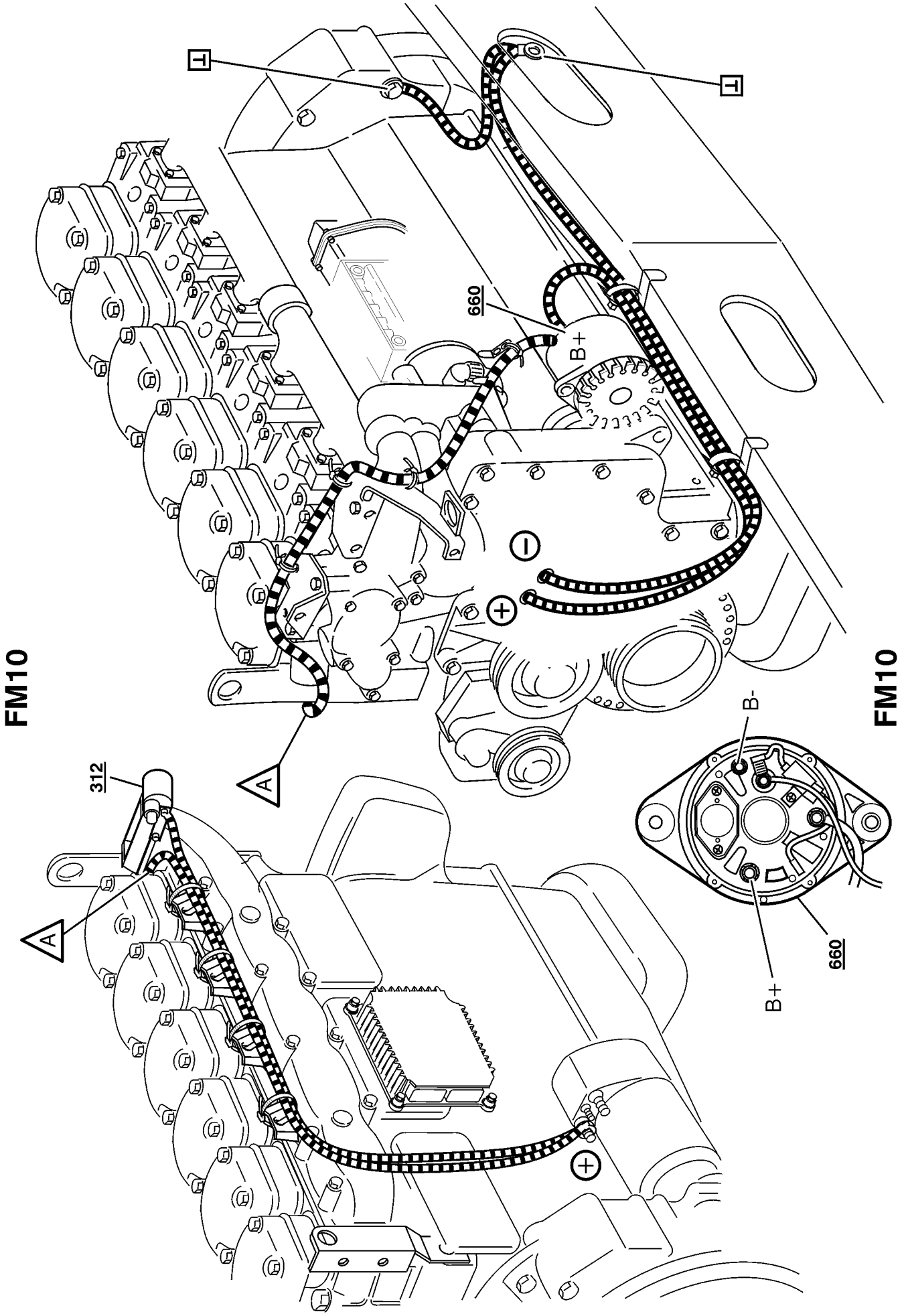


T3011693


144
YELLOW MARKING
YELLOW MARKING
YELLOW MARKING
5:2
654
FM7/10, UADR
FM7/10, UADR


FM7/10, ADR
YELLOW MARKING
YELLOW MARKING
YELLOW MARKING
5:2
144
654
FM7/10, ADR

T3011464



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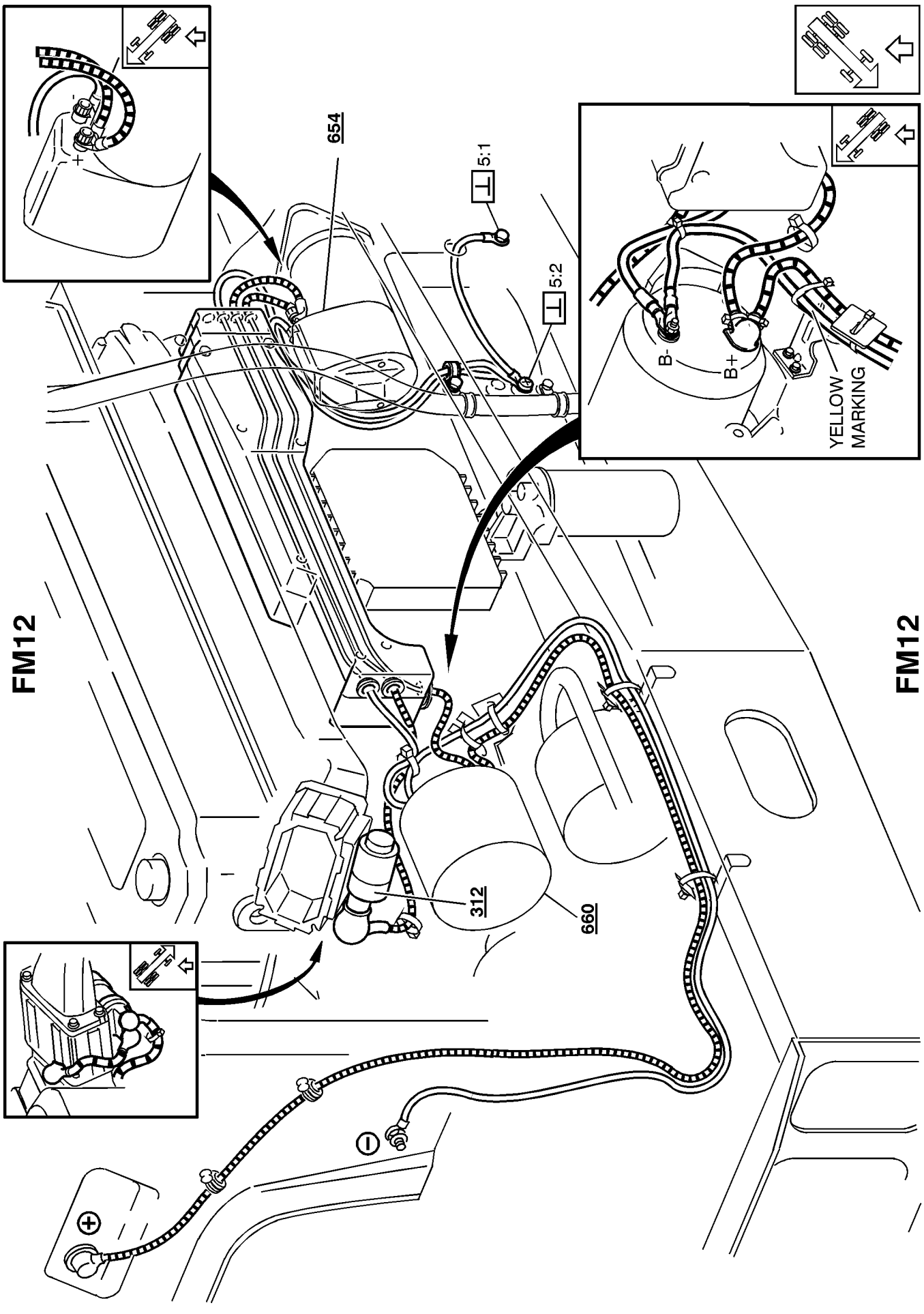
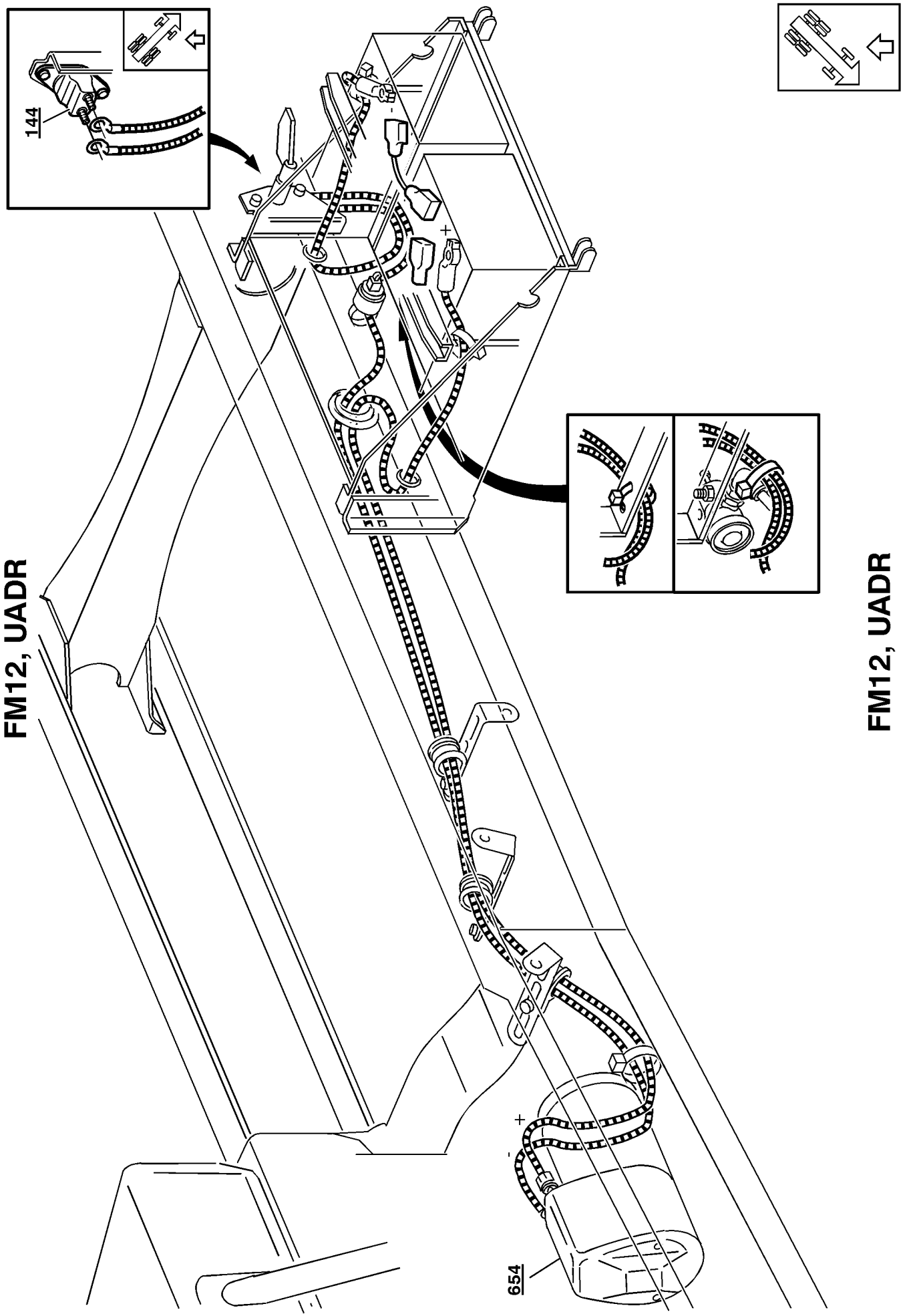


T3011465



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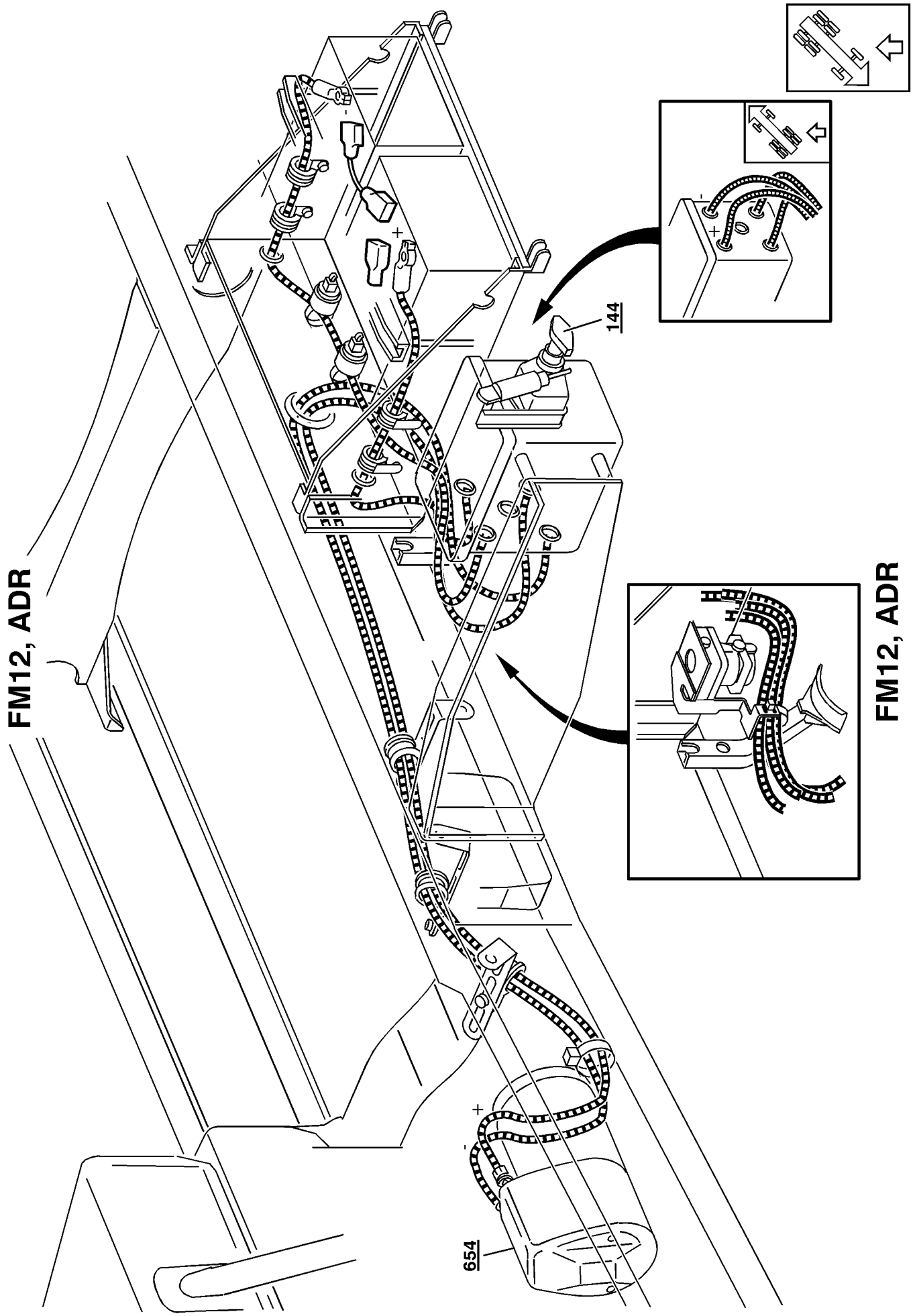
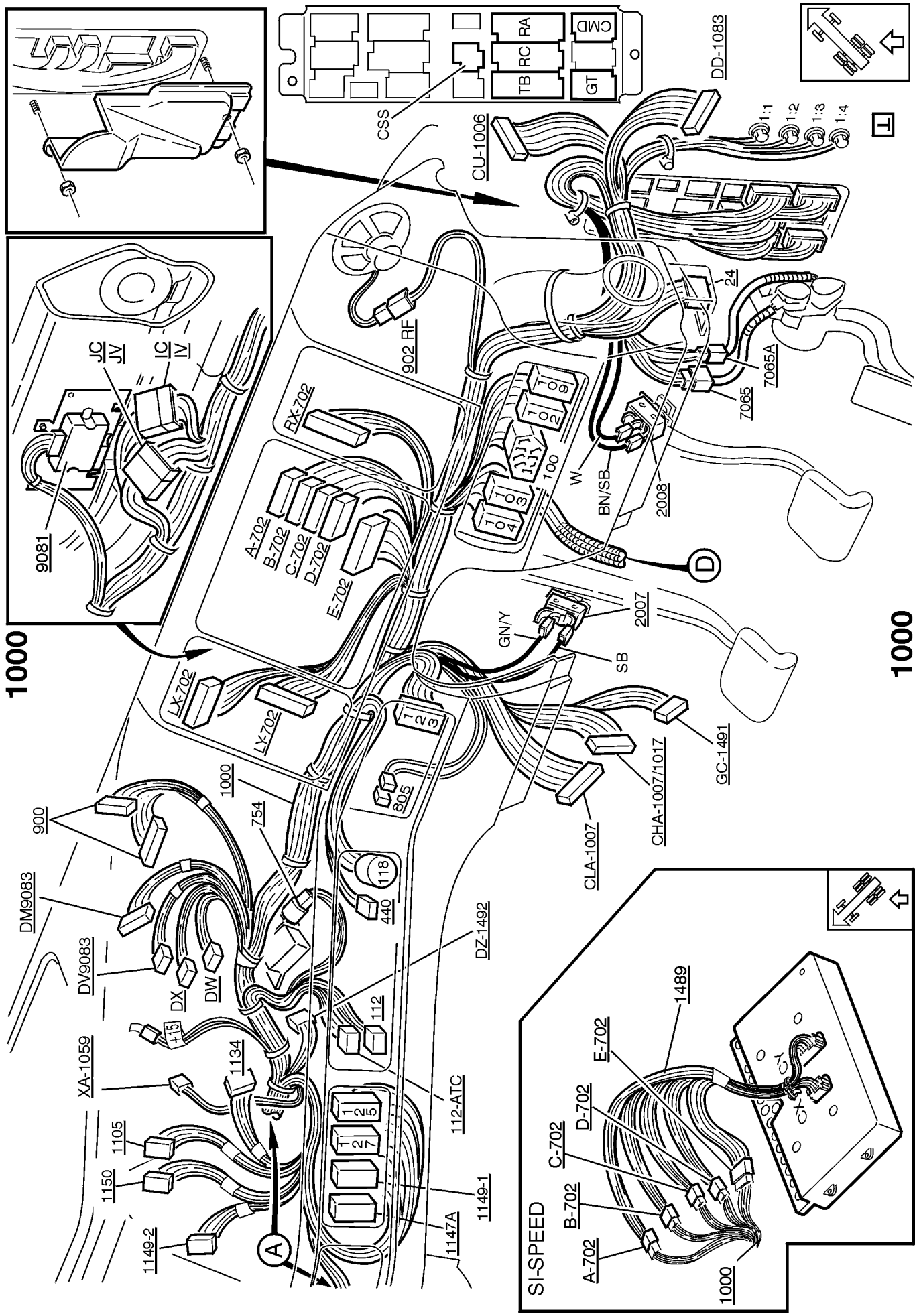
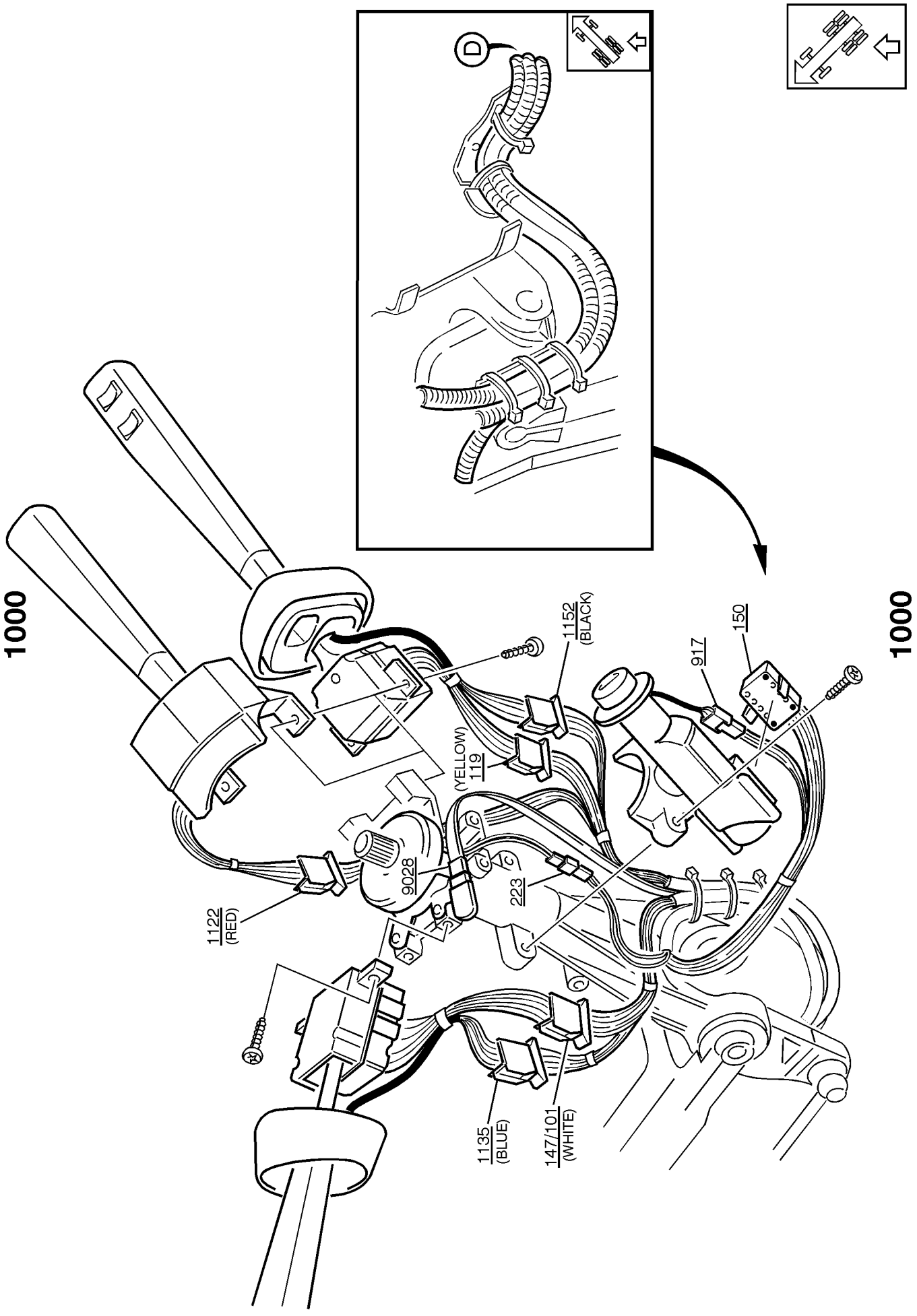


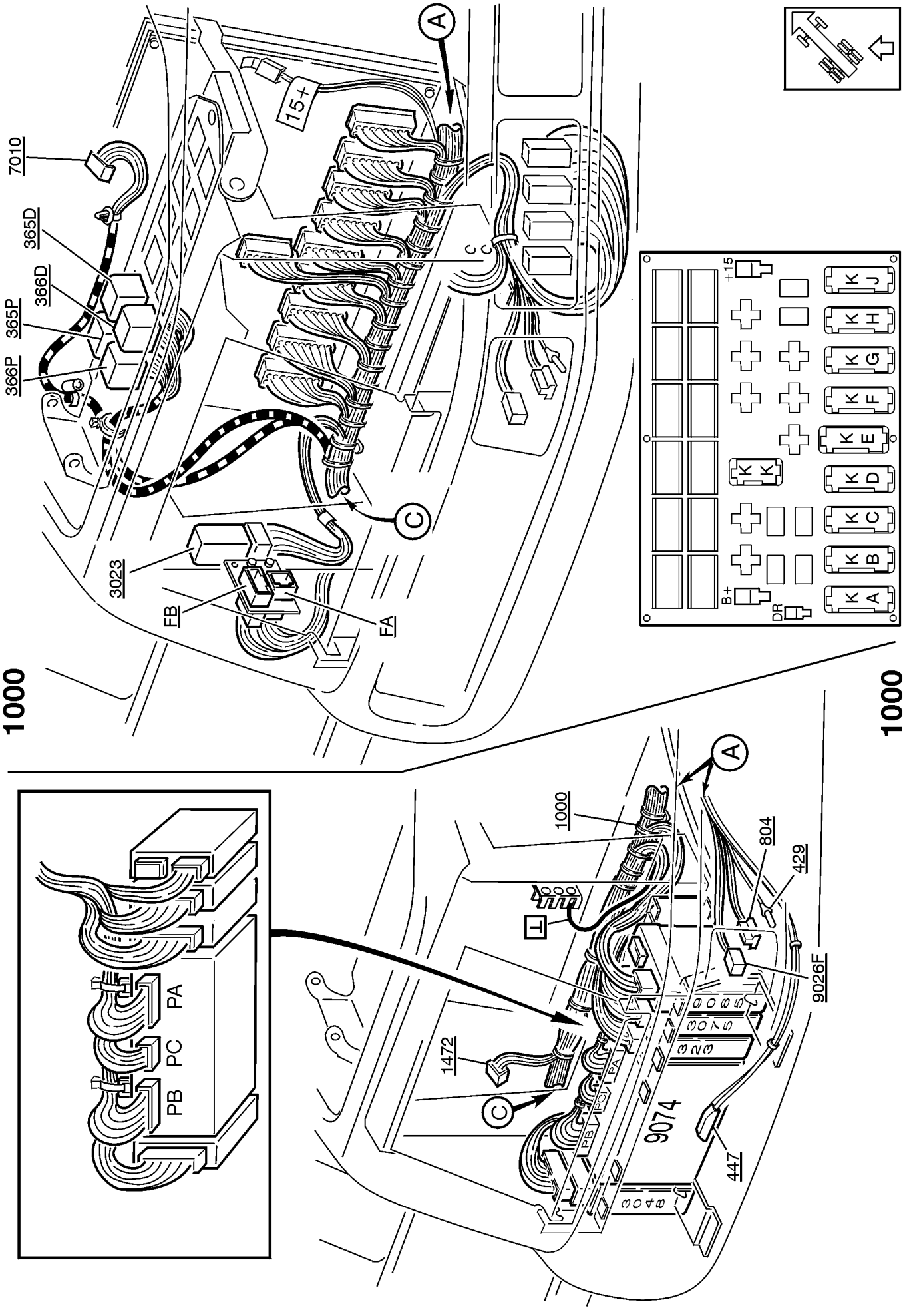
T3009904

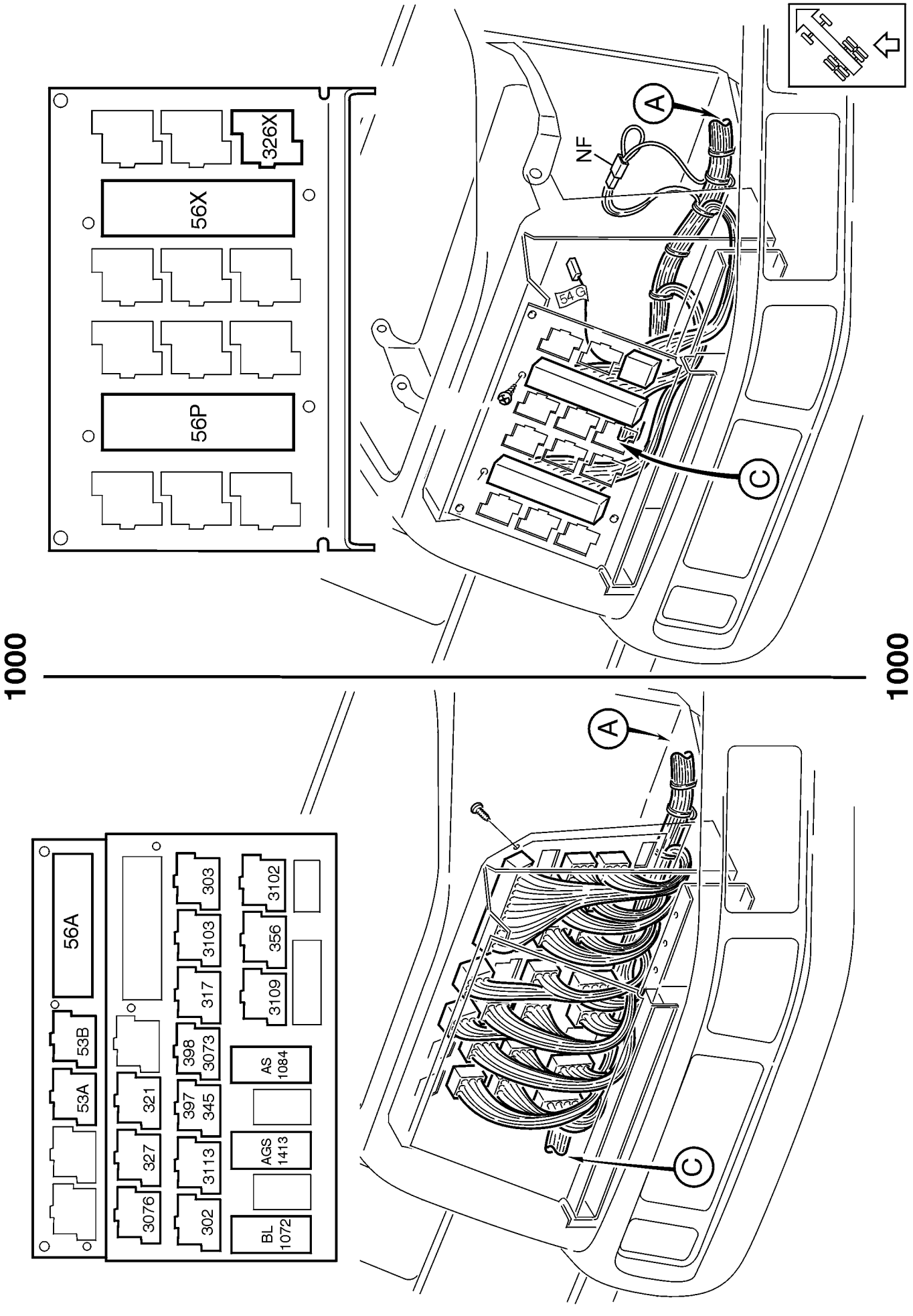

1000
1000
CSS
TB
RC
RA
GT
CMD
CU-1006
DD-1083
902 RF
24
7065A
7065
2008
W
BN/SB
100
RX-702
A-702
B-702
C-702
D-702
E-702
LY-702
LX-702
9081
JC
JV
JC
IV
GN/Y
SB
2007
GC-1491
CHA-1007/1017
CLA-1007
805
754
1000
900
DM9083
DV9083
DX
DW
+15
XA-1059
1134
1105
1150
1149-2
112
118
440
DZ-1492
112-ATC
1149-1
1147A
A
D
SI-SPEED
1489
E-702
D-702
C-702
B-702
A-702
1000
T
1:1
1:2
1:3
1:4

T3011751

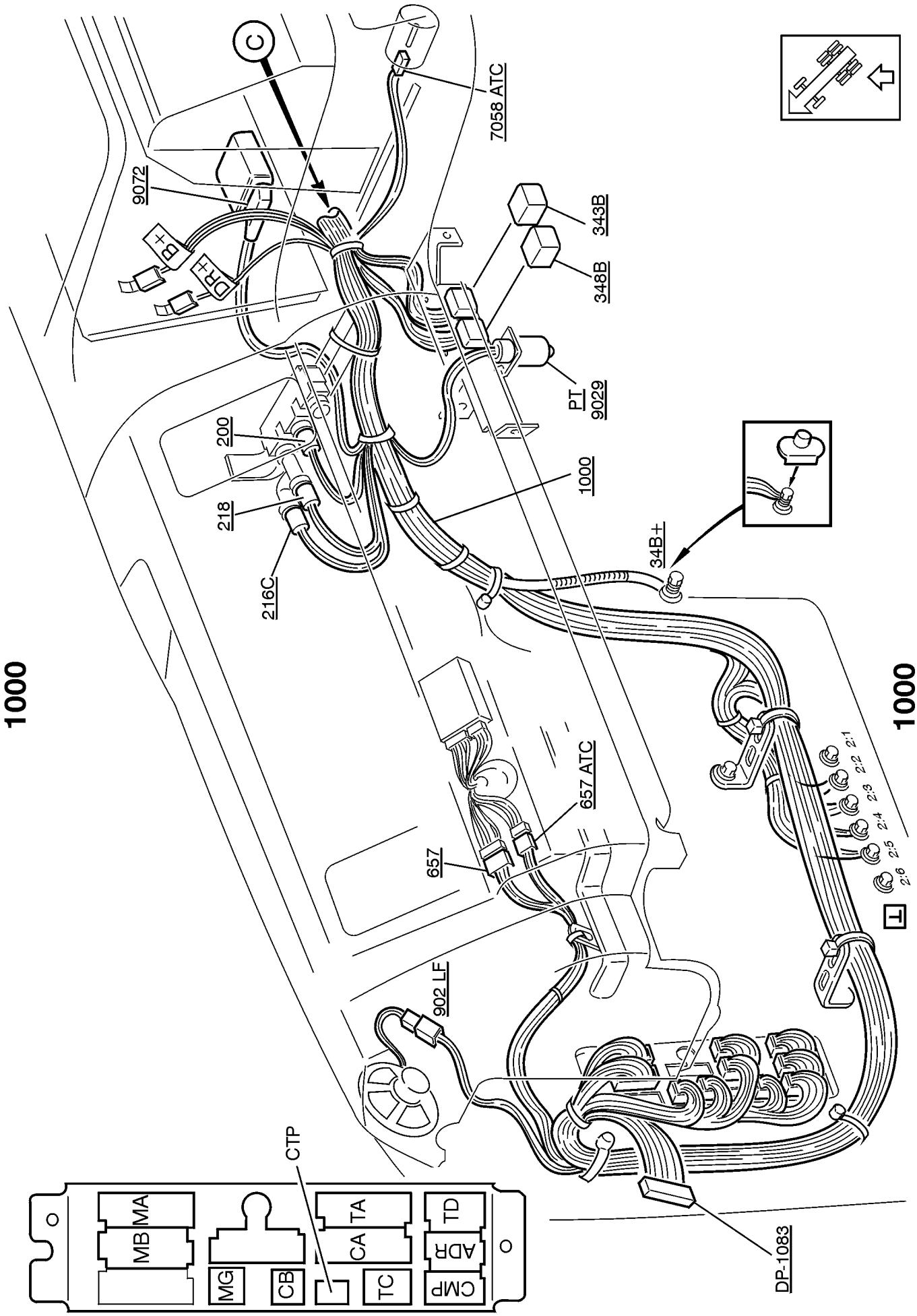

1000
1000
1152 (BLACK)
150
917
(YELLOW) 119
9028
223
1122 (RED)
1135 (BLUE)
147/101 (WHITE)

T3009689

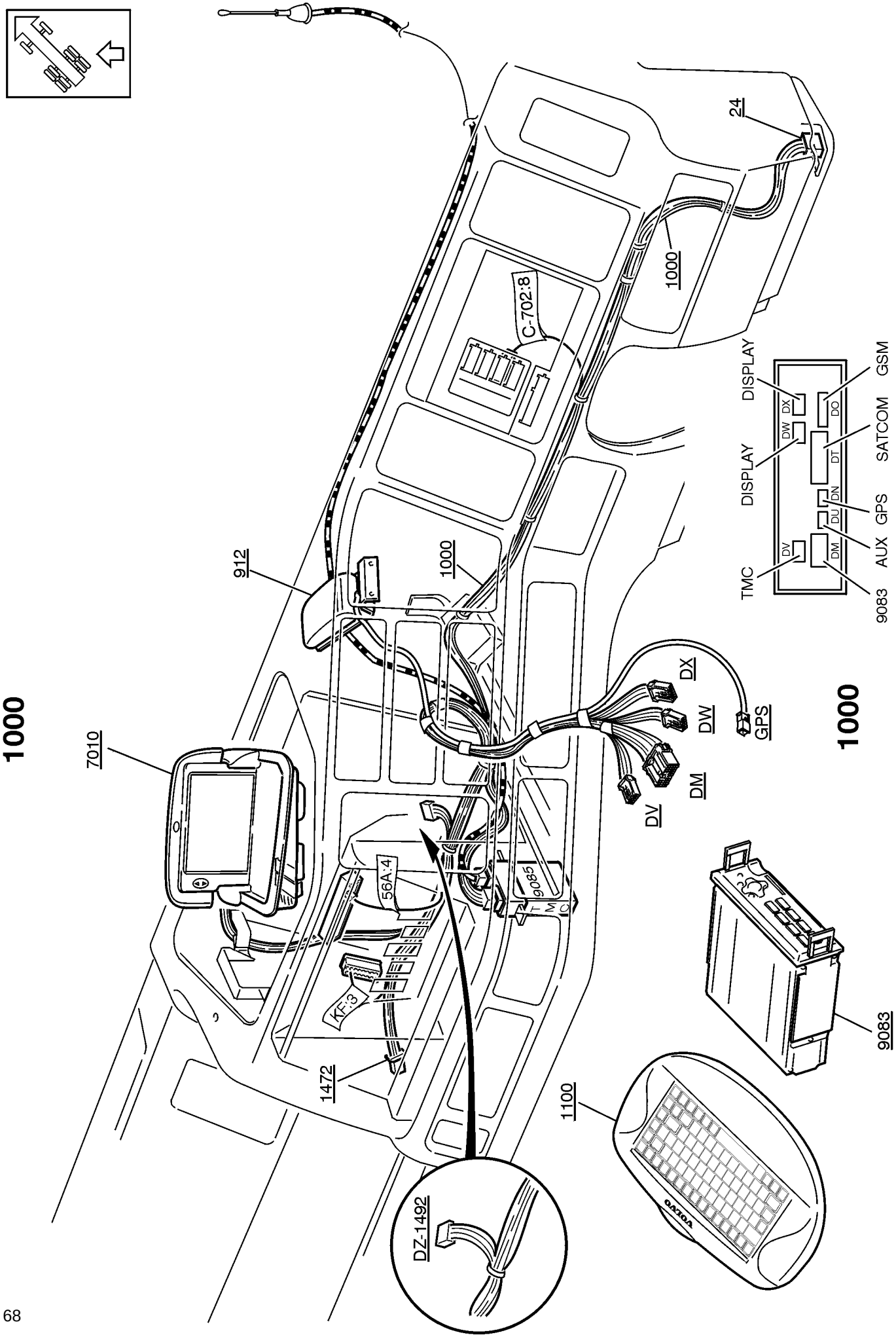

1000
7010
365D
366D
365P
366P
15+
A
C
3023
FB
FA
+15
B+
DR
K A
K B
K C
K D
K E
K F
K G
K H
K J
1000
804
429
9026F
1472
9074
447
PA
PC
PB


1000
1000
326X
56X
56P
NF
54G
A
C
56A
53B
53A
321
327
3076
302
3113
397
345
398
3073
317
3103
303
AS
1084
3109
356
3102
AGS
1413
BL
1072
A
C

T3011753


1000
1000
C
7058 ATC
9072
343B
348B
PT
9029
200
218
216C
1000
34B+
657 ATC
657
902 LF
DP-1083
CTP
MA
MB
MG
CB
TA
CA
TC
TD
ADR
CMP
2:1
2:2
2:3
2:4
2:5
2:6
T
B+
DR+

T3011754


1000
7010
912
1000
24
1000
C-702:8
DISPLAY
GSM
DISPLAY
SATCOM
GPS
AUX
TMC
9083
DX
DW
DM
DV
GPS
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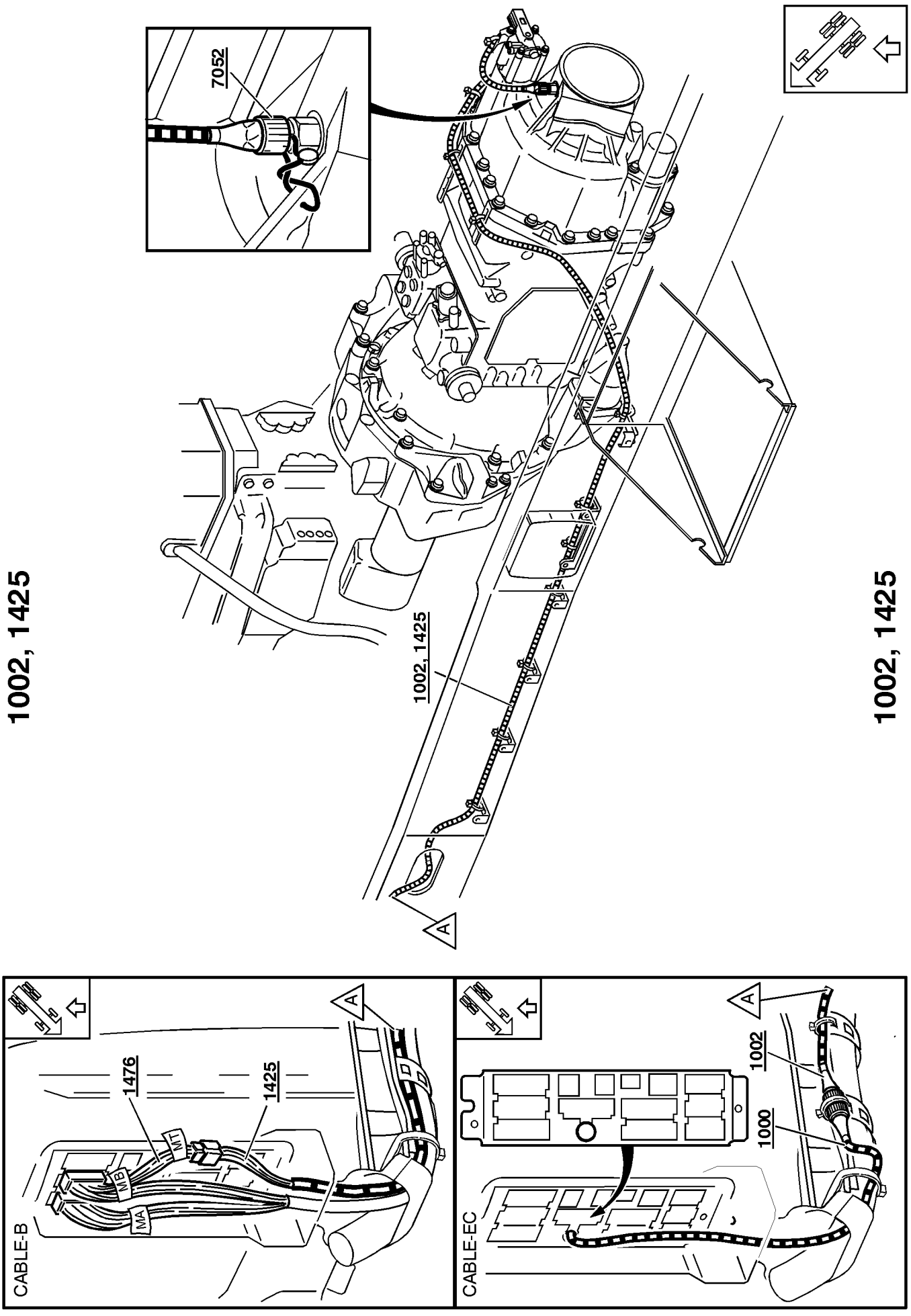
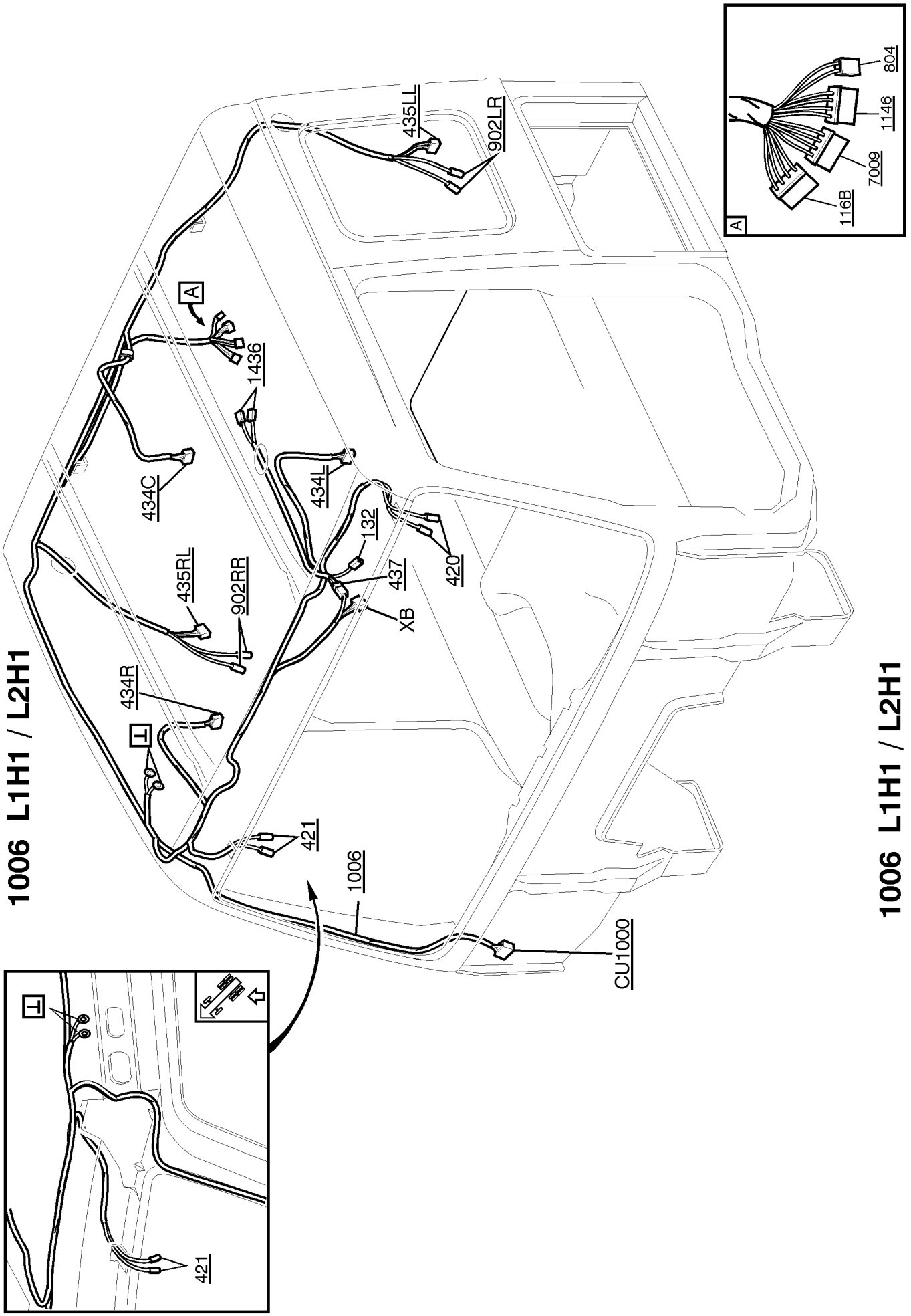
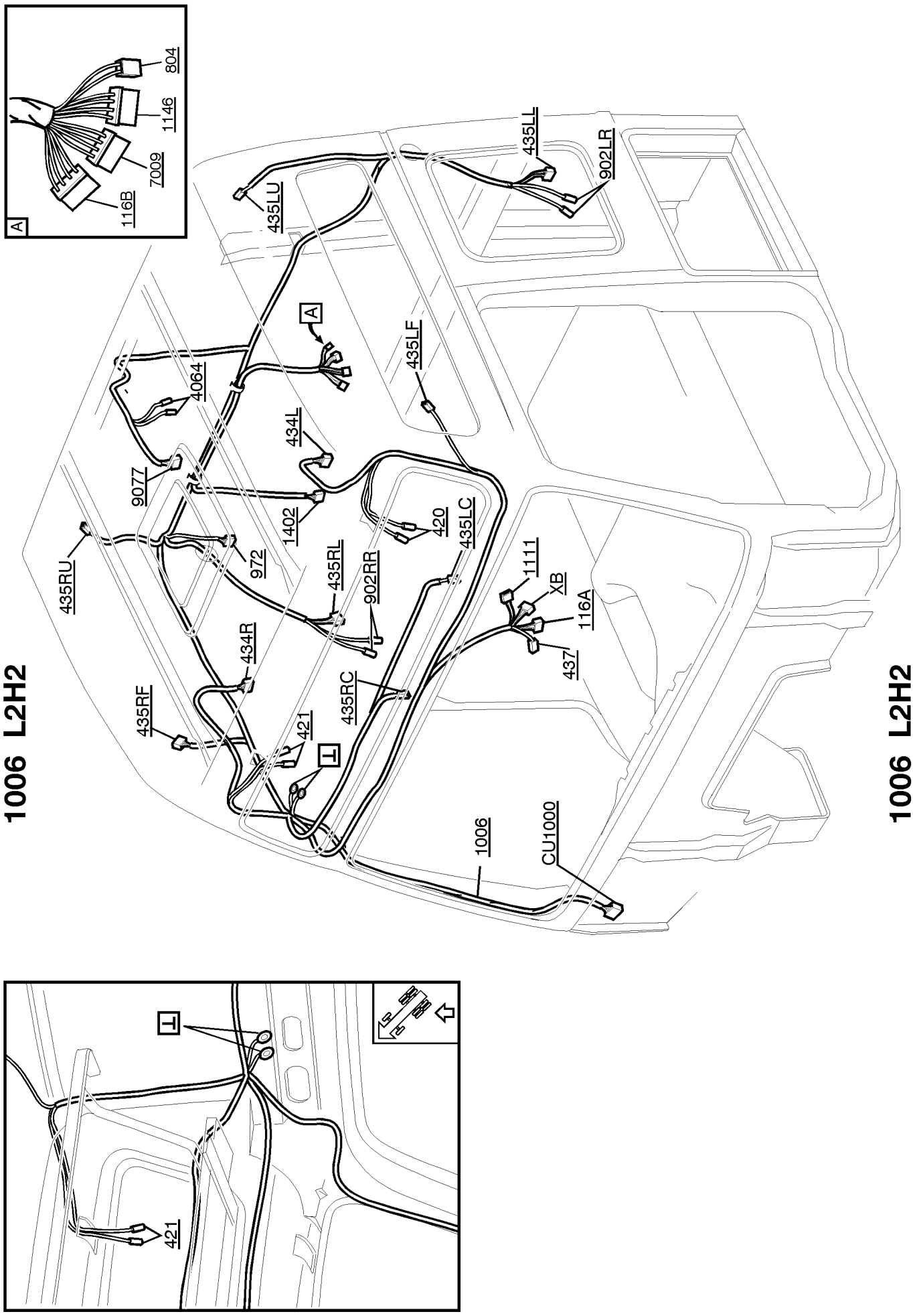
56A:4
9085
KF:3
1472
1100
9083
DZ-1492

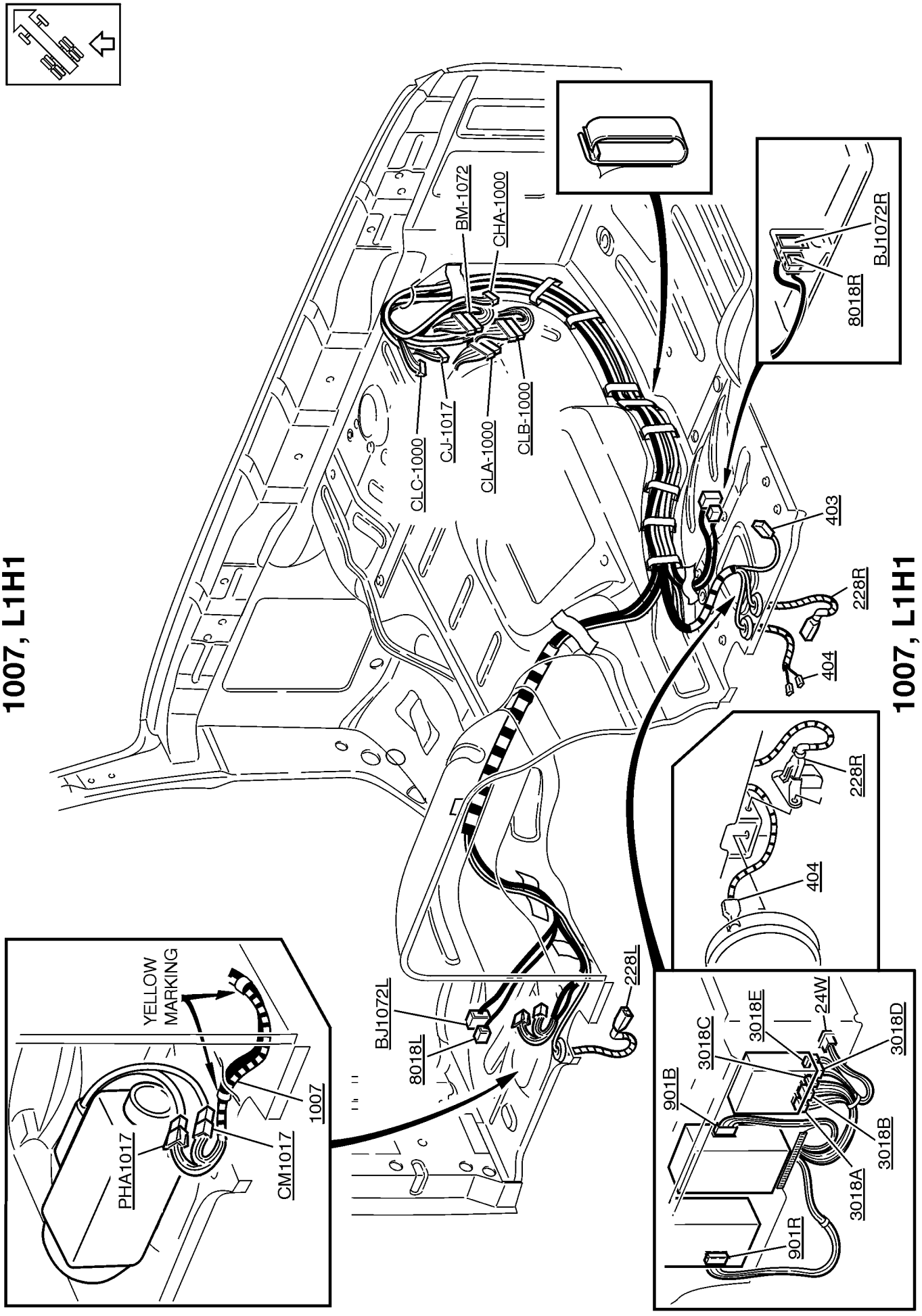
T3011755


7052
1002, 1425
1002, 1425
1002, 1425
A
CABLE-B
1476
1425
MT
MB
MA
A
CABLE-EC
1002
1000
A
T3009693

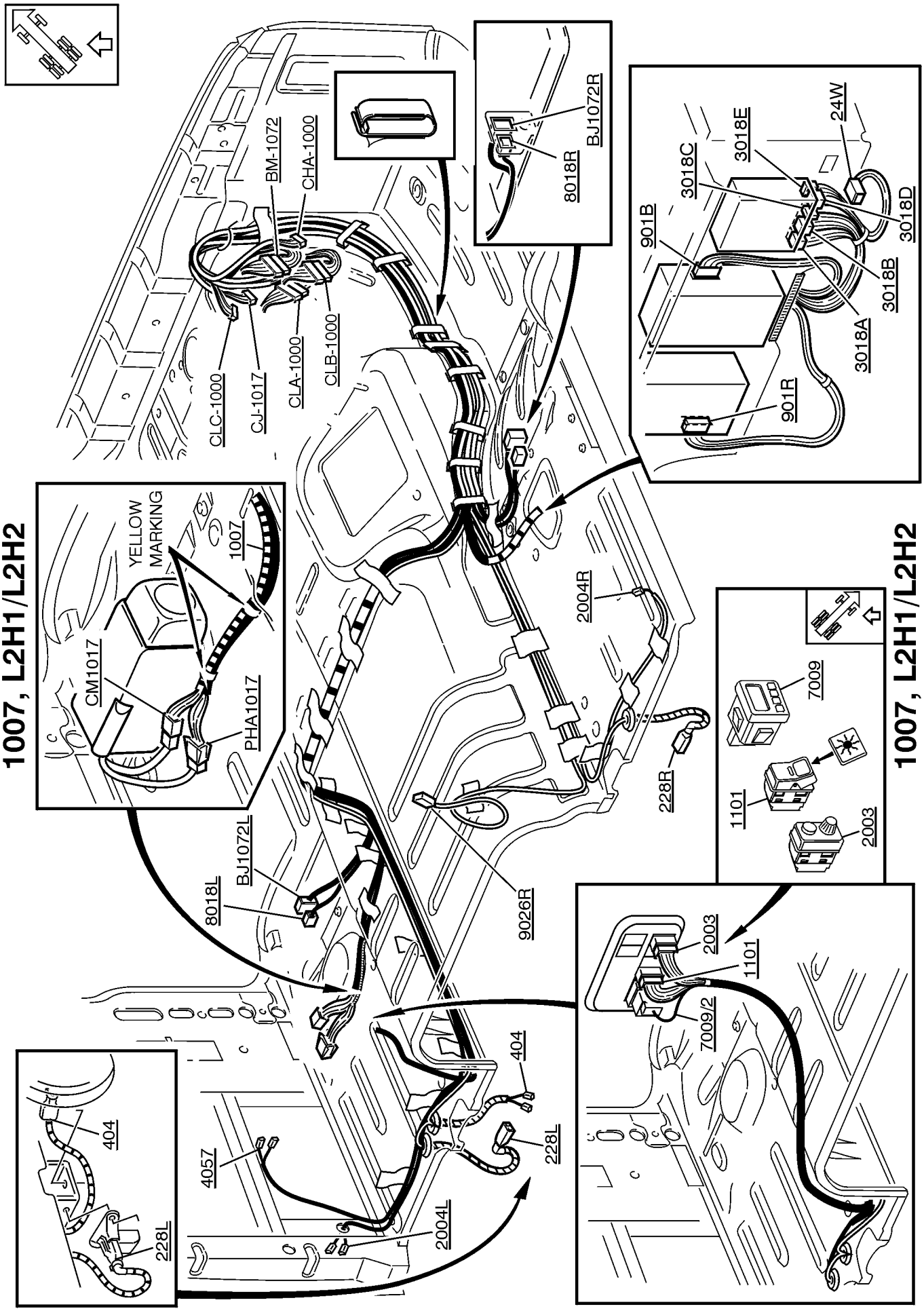

1006 L1H1 / L2H1
435LL
902LR
A
1436
434C
434L
132
420
435RL
902RR
437
XB
434R
T
421
1006
CU1000
A
804
1146
7009
116B
T
421
1006 L1H1 / L2H1

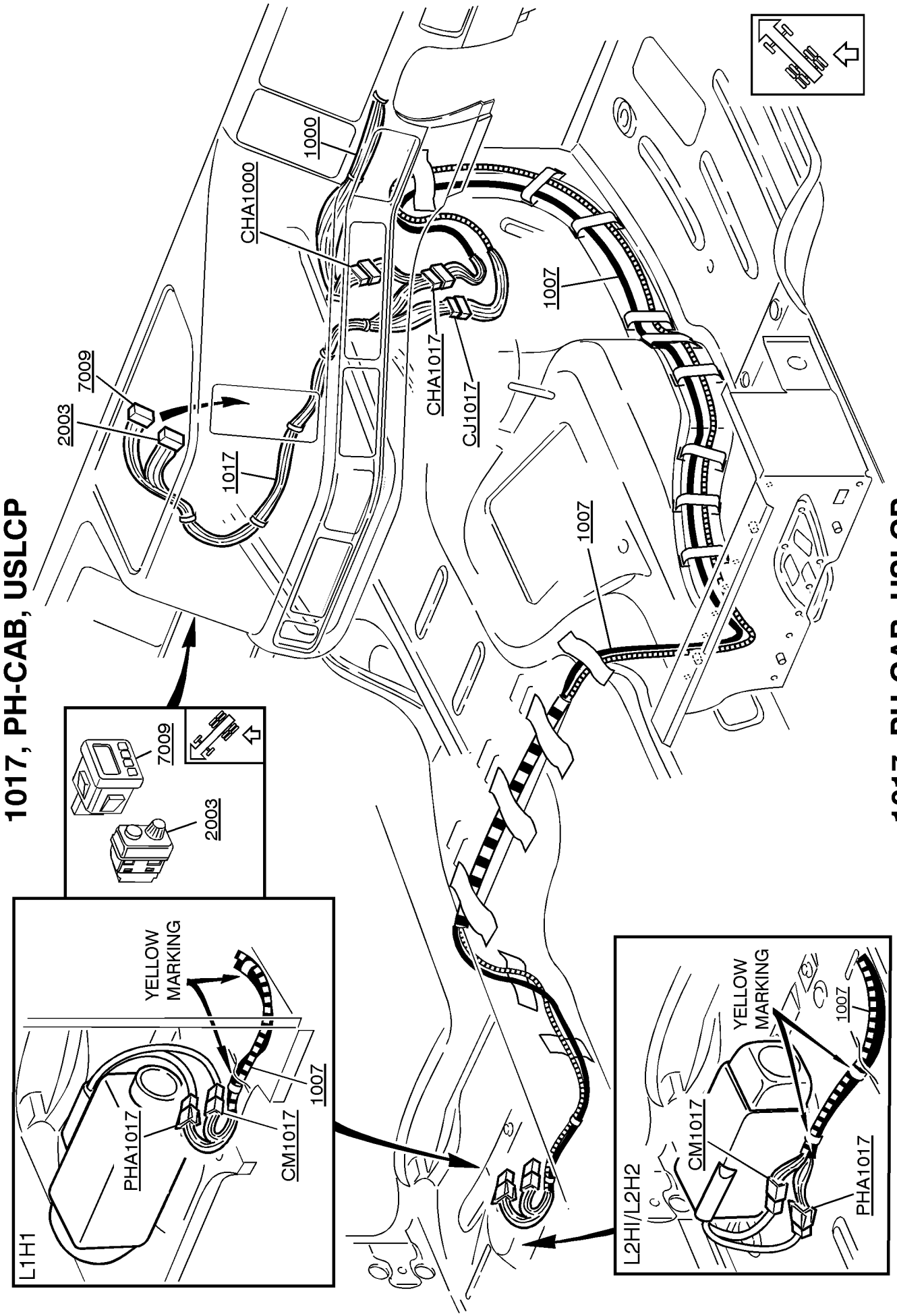
T3009981


1006 L2H2
1006 L2H2
A
804
1146
7009
116B
435LU
435LL
902LR
435LF
4064
434L
9077
1402
420
435LC
435RU
972
435RL
902RR
1111
XB
116A
437
434R
435RC
435RF
421
1006
CU1000
421

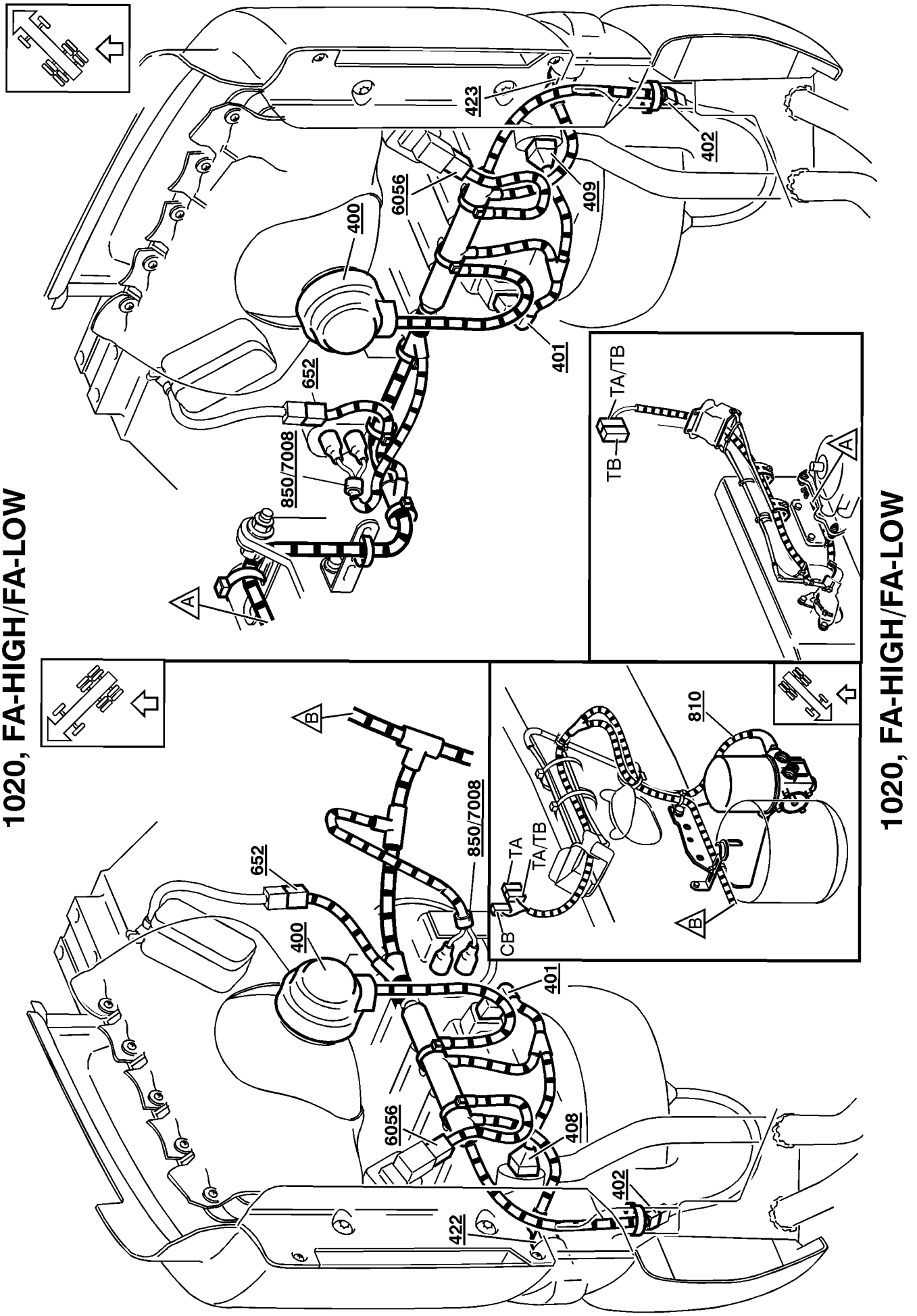

1007, L1H1
1007, L1H1
BM-1072
CHA-1000
CLC-1000
CJ-1017
CLA-1000
CLB-1000
BJ1072R
8018R
403
228R
404
228R
404
BJ1072L
8018L
228L
YELLOW MARKING
1007
PHA1017
CM1017
901B
3018C
3018E
24W
3018D
3018B
3018A
901R

T3011471

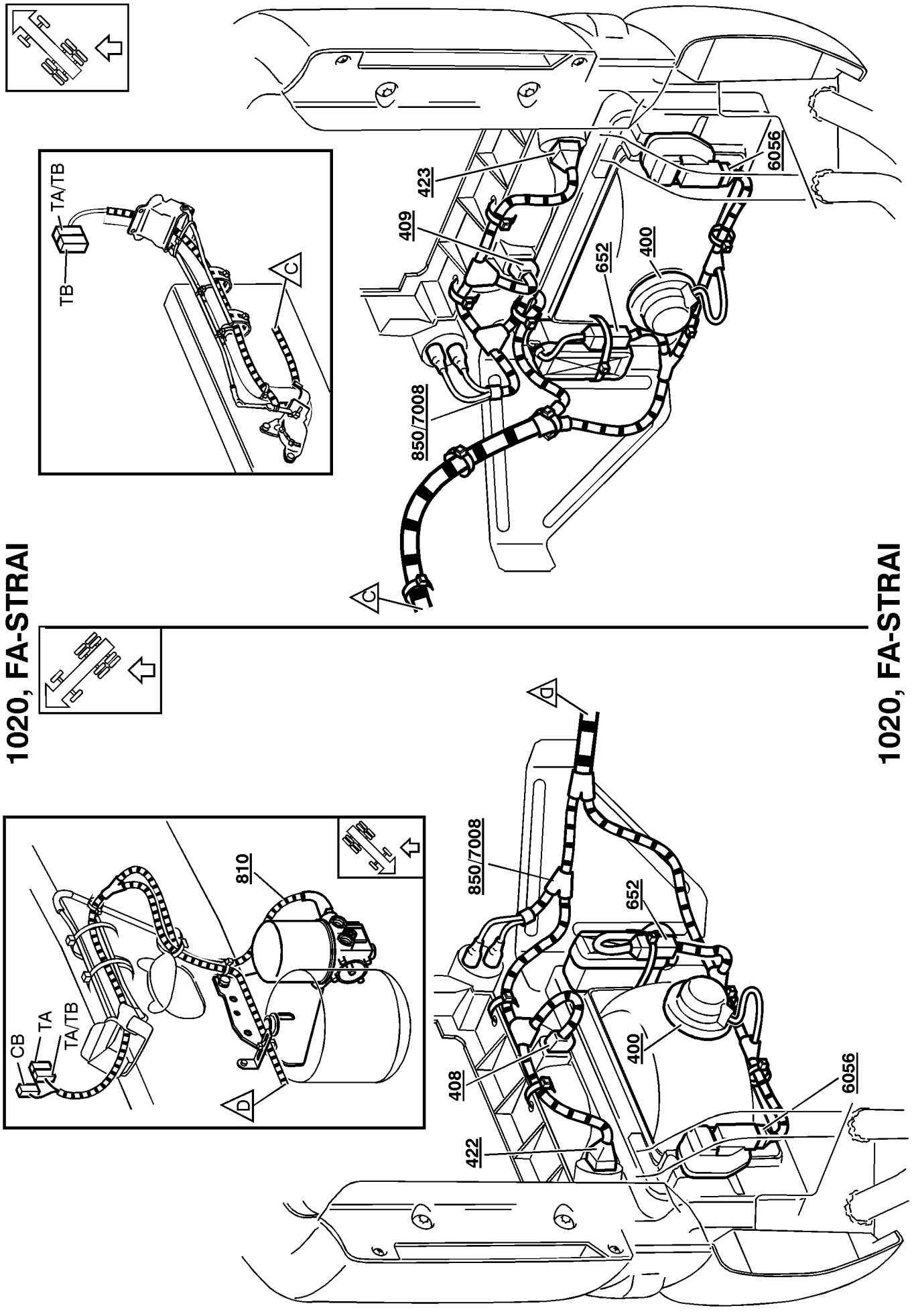

1007, L2H1/L2H2
1007, L2H1/L2H2
BM-1072
CHA-1000
CLC-1000
CJ-1017
CLA-1000
CLB-1000
BJ1072R
8018R
901B
3018C
3018E
24W
3018D
3018B
3018A
901R
YELLOW MARKING
1007
CM1017
PHA1017
2004R
228R
7009
1101
2003
BJ1072L
8018L
9026R
404
228L
405Z
2004L
7009/2

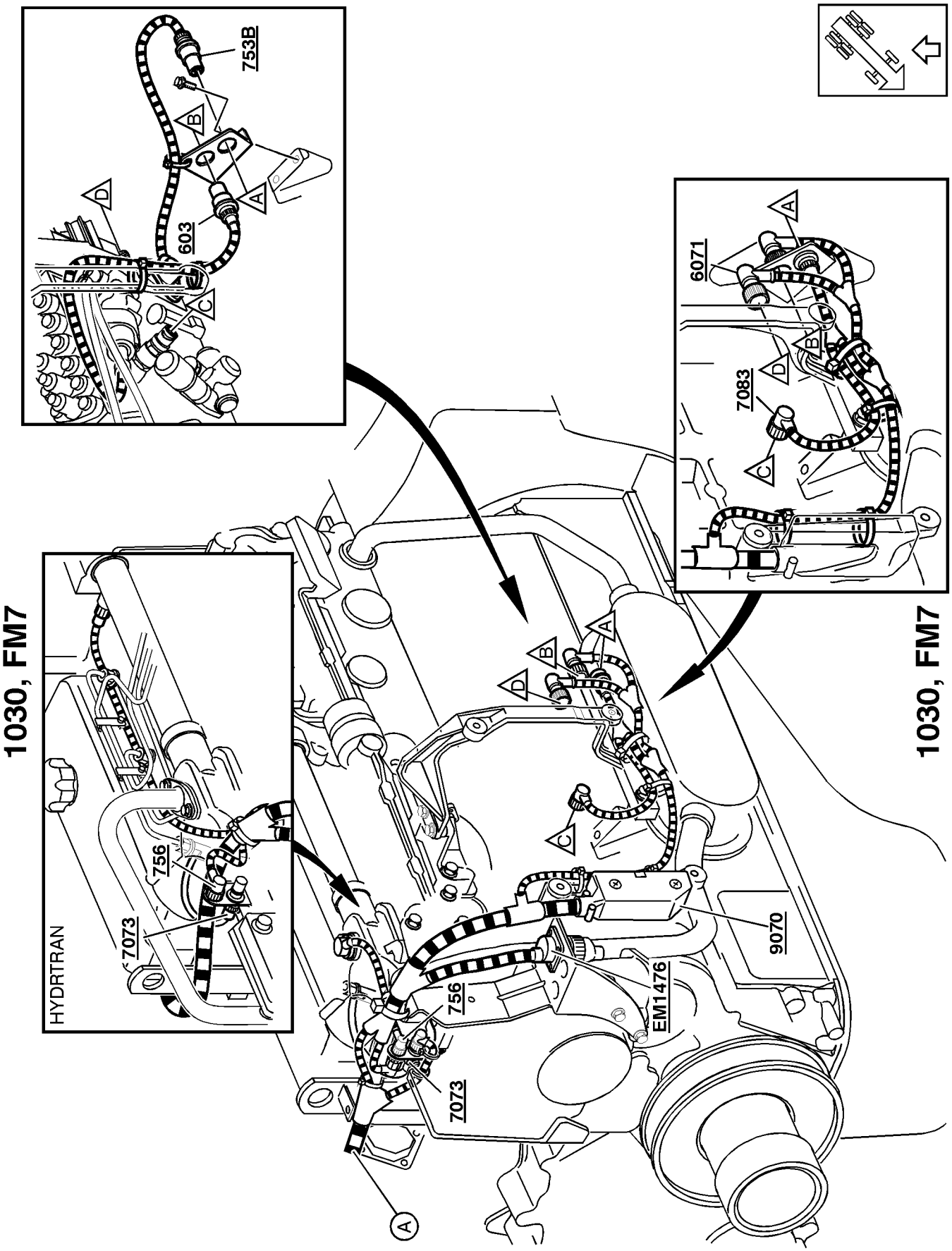

1017, PH-CAB, USLCP
1017, PH-CAB, USLCP
1000
CHA1000
1007
CHA1017
CJ1017
1007
2003
7009
1017
1007
7009
2003
L1H1
YELLOW MARKING
PHA1017
CM1017
1007
L2HI/L2H2
YELLOW MARKING
1007
CM1017
PHA1017

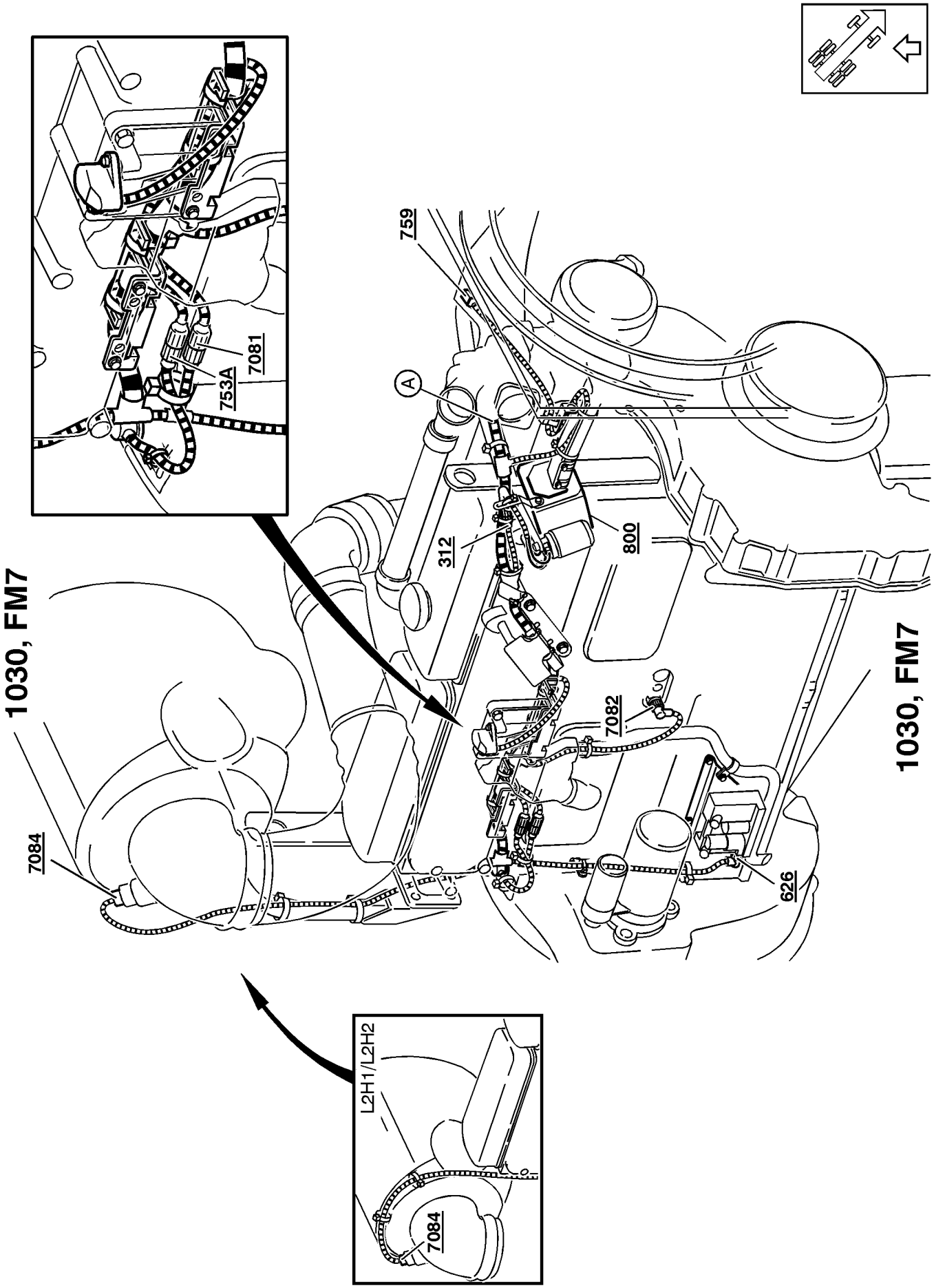
T3009995


1020, FA-HIGH/FA-LOW
423
402
6056
409
400
401
652
850/7008
A
TA/TB
TB
A
B
850/7008
652
400
401
6056
408
402
422
CB
TA
TA/TB
810
B
1020, FA-HIGH/FA-LOW

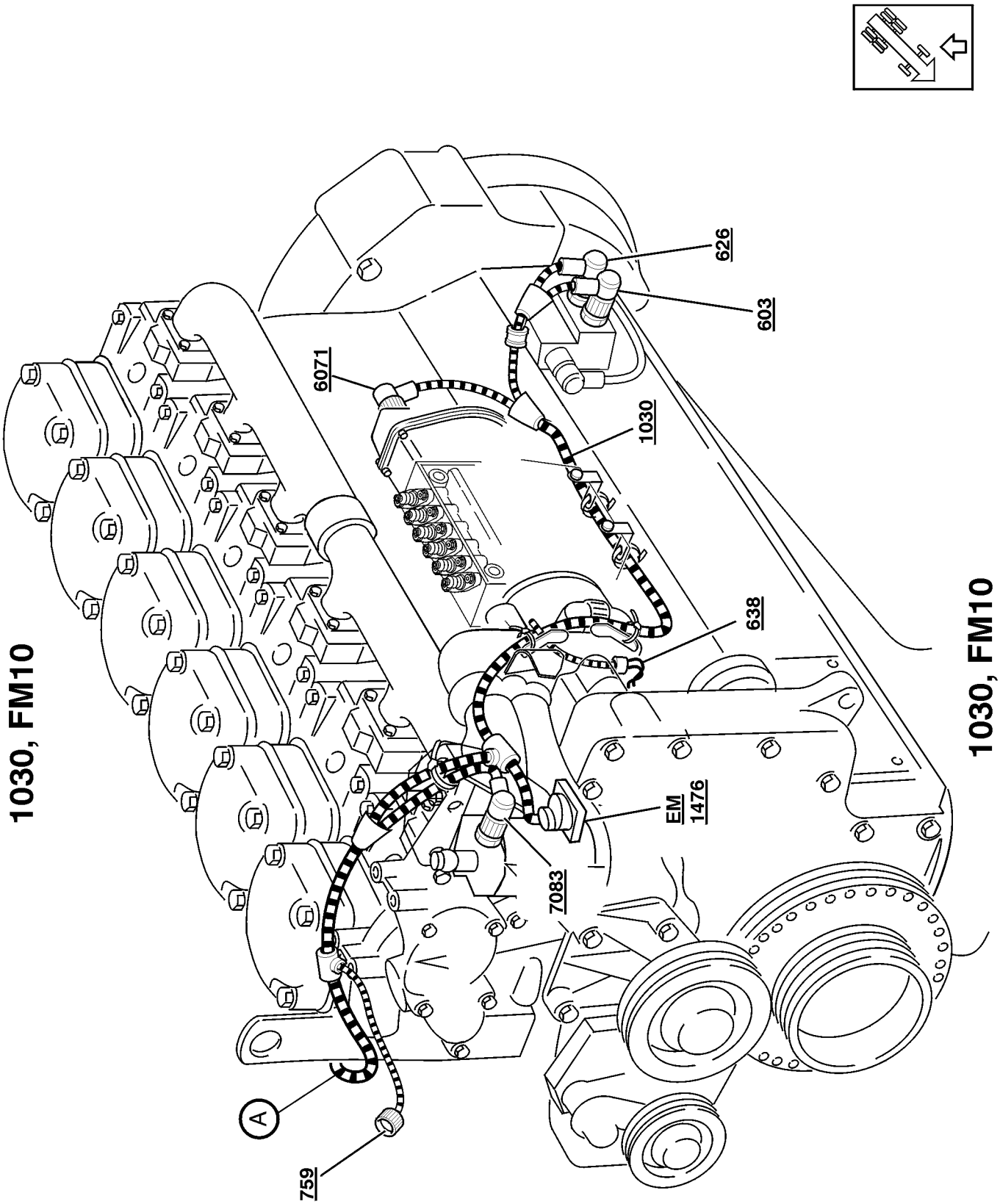
T3009996

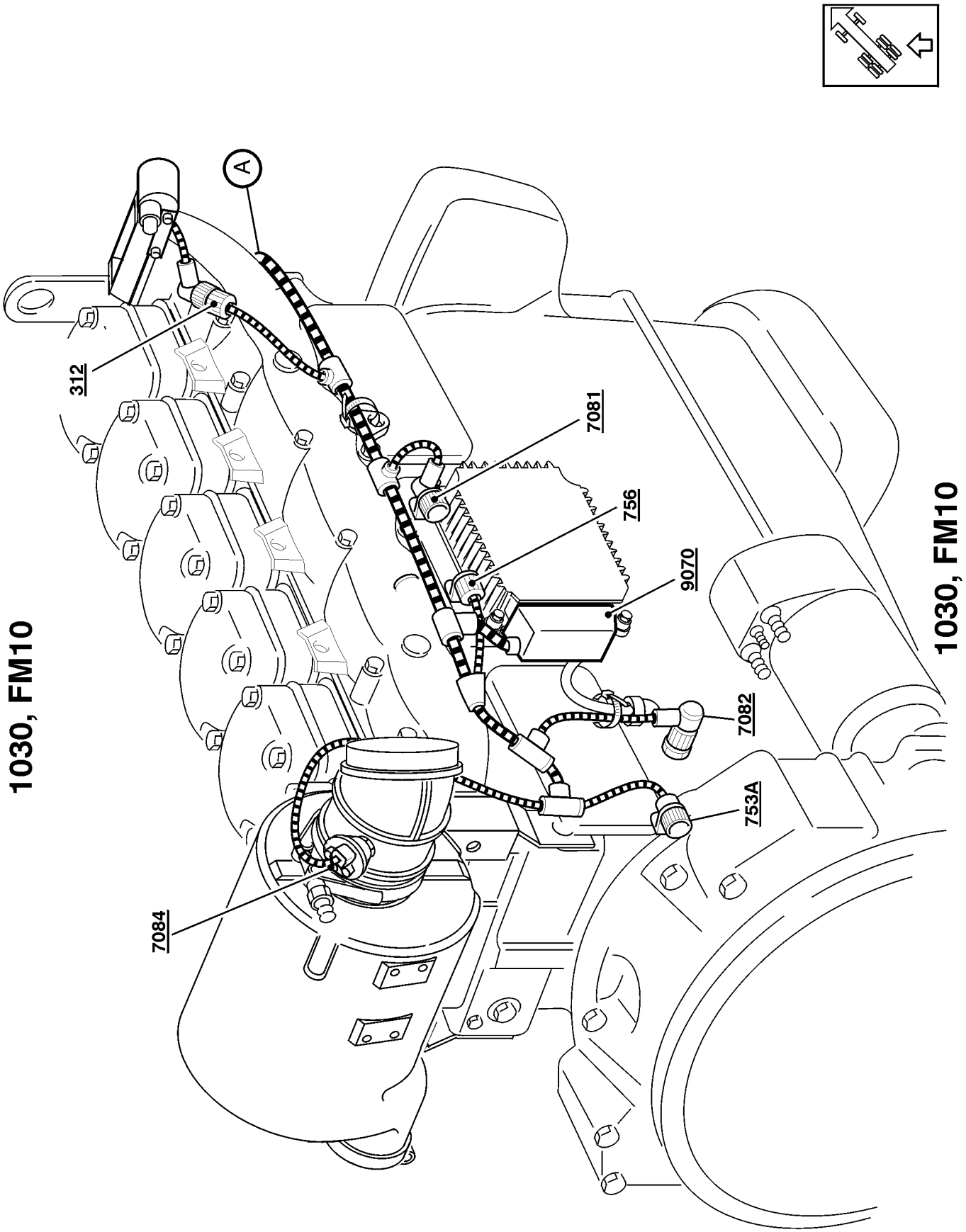

1020, FA-STRAI
TA/TB
TB
C
423
409
652
400
6056
850/7008
C
1020, FA-STRAI
D
850/7008
652
400
408
422
6056
CB
TA
TA/TB
810
D
T3009997


753B
603
6071
7083
1030, FM7
HYDRTRAN
7073
756
756
7073
EM1476
9070
1030, FM7

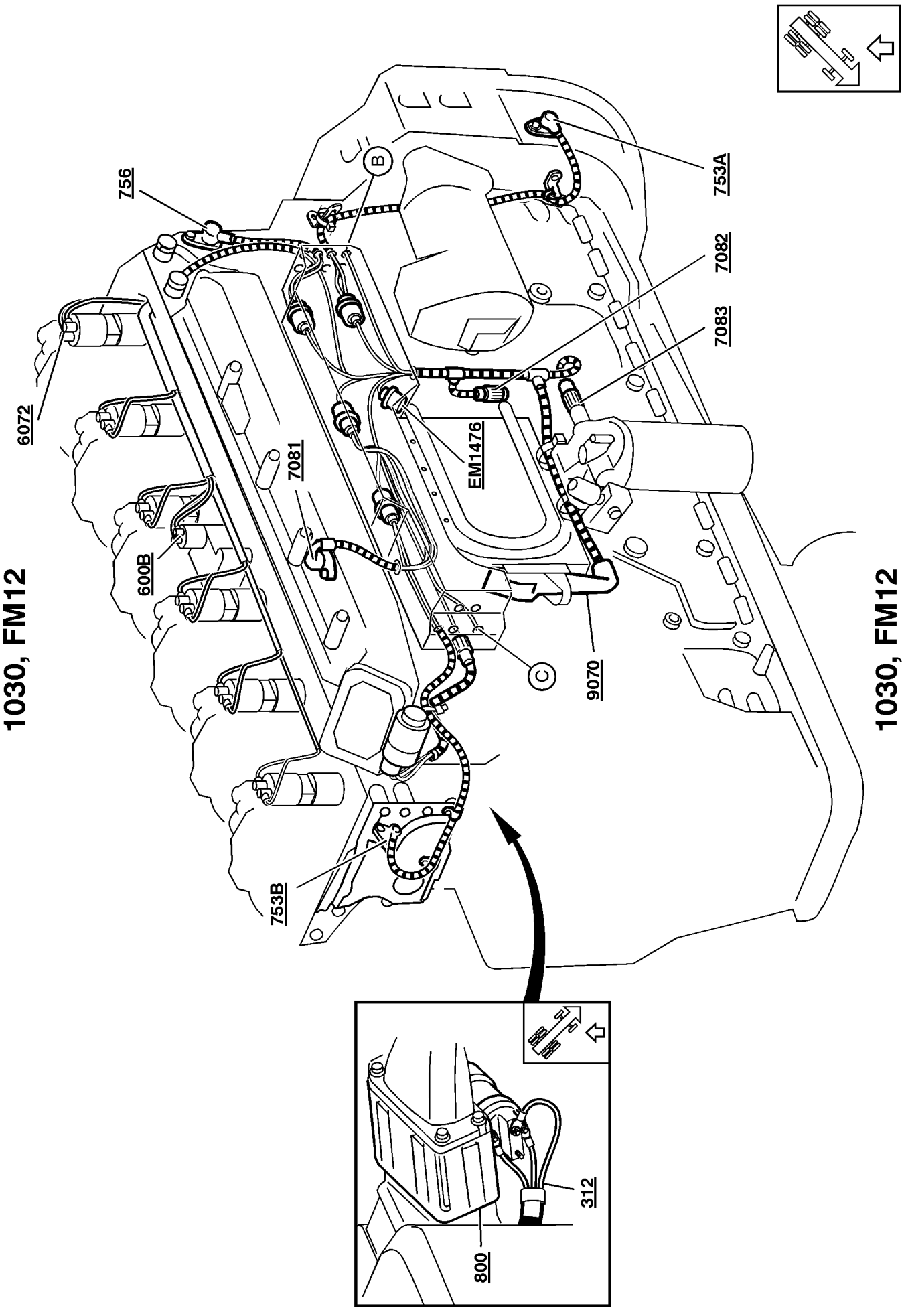

1030, FM7
1030, FM7
759
A
312
800
7082
626
7084
753A
7081
L2H1/L2H2
7084

T3009683

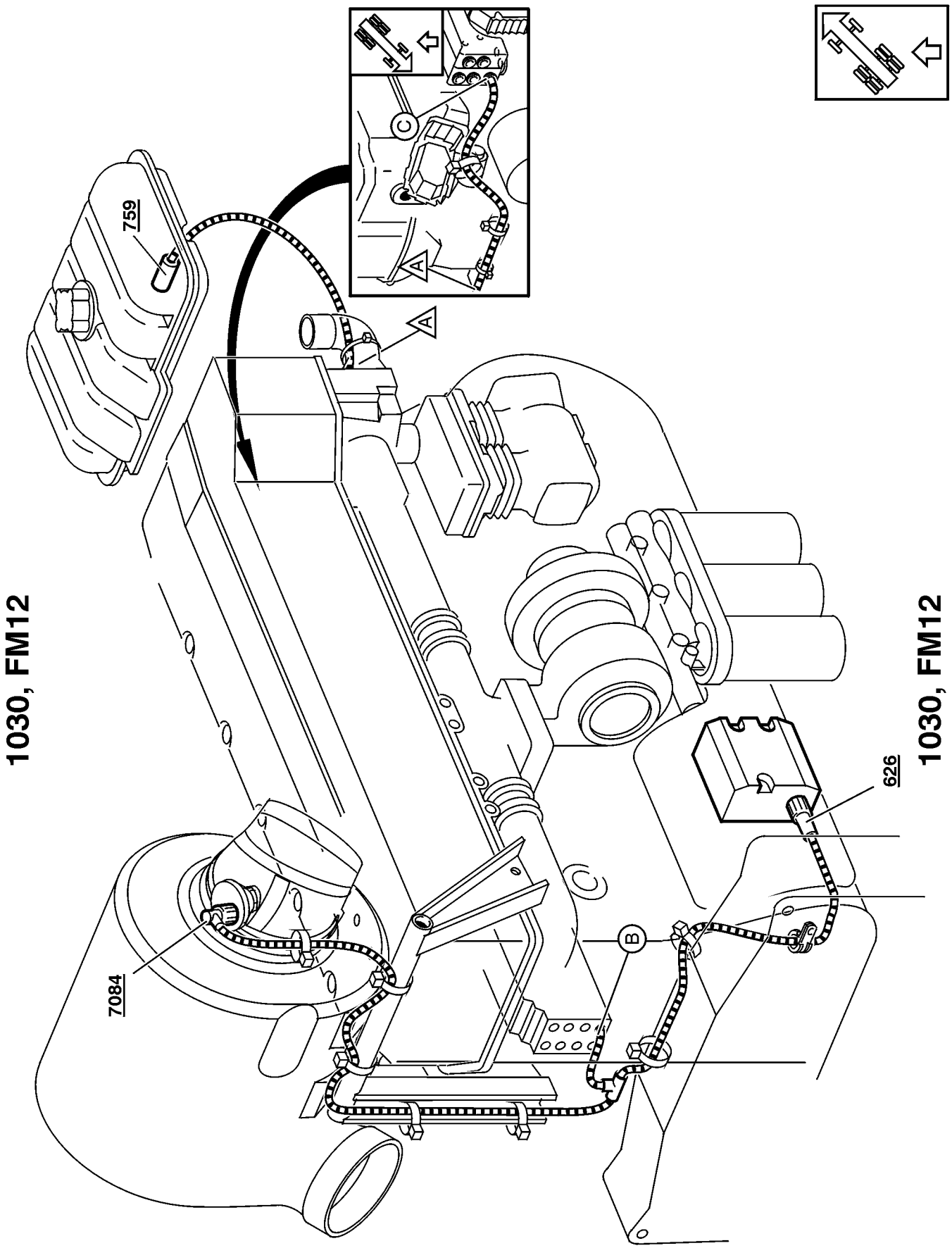

1030, FM10
626
603
6071
1030
638
EM
1476
7083
A
759
1030, FM10



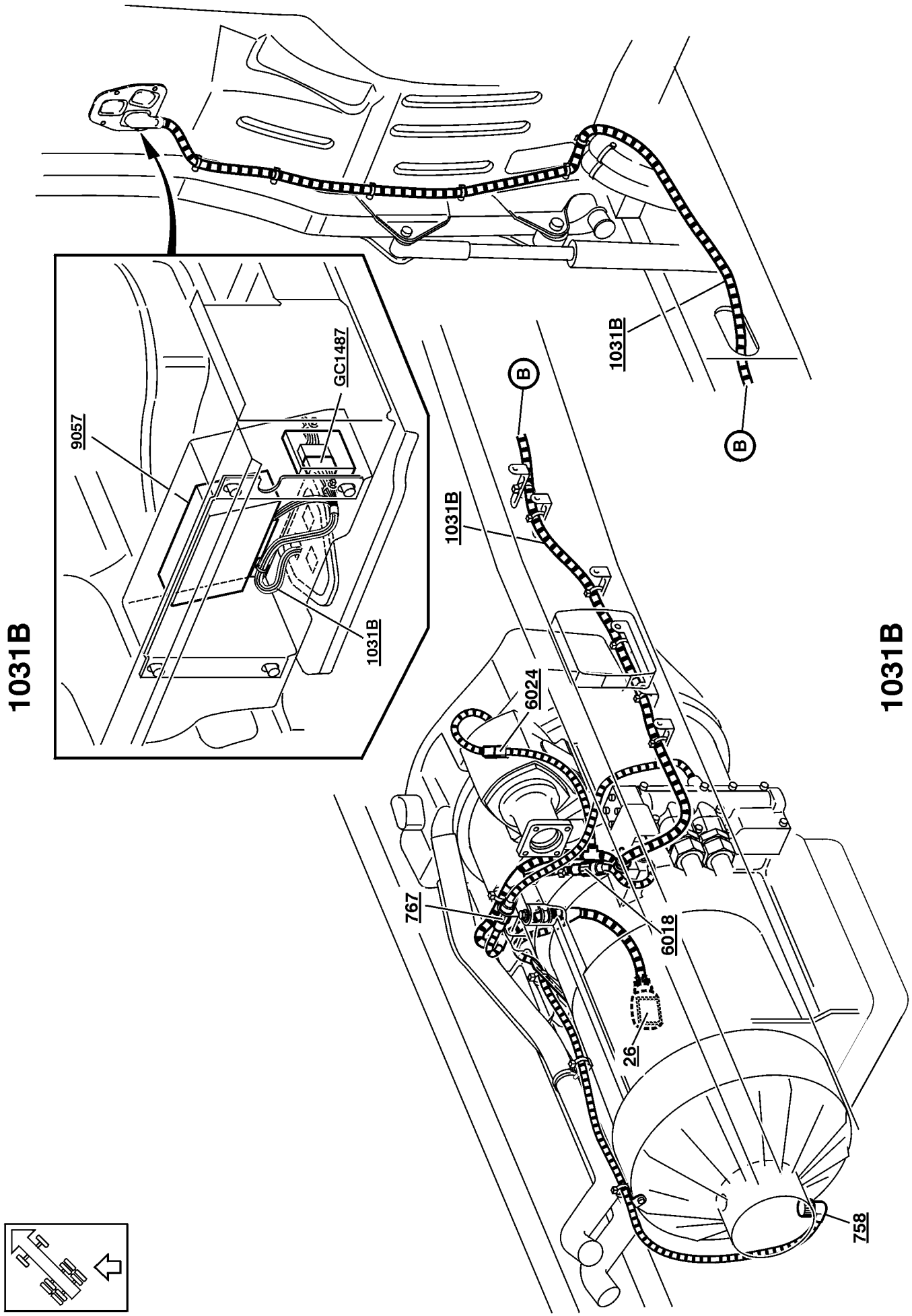
T3011475


1030, FM12
1030, FM12
756
753A
7082
7083
6072
7081
EM1476
600B
9070
753B
312
800
B
C

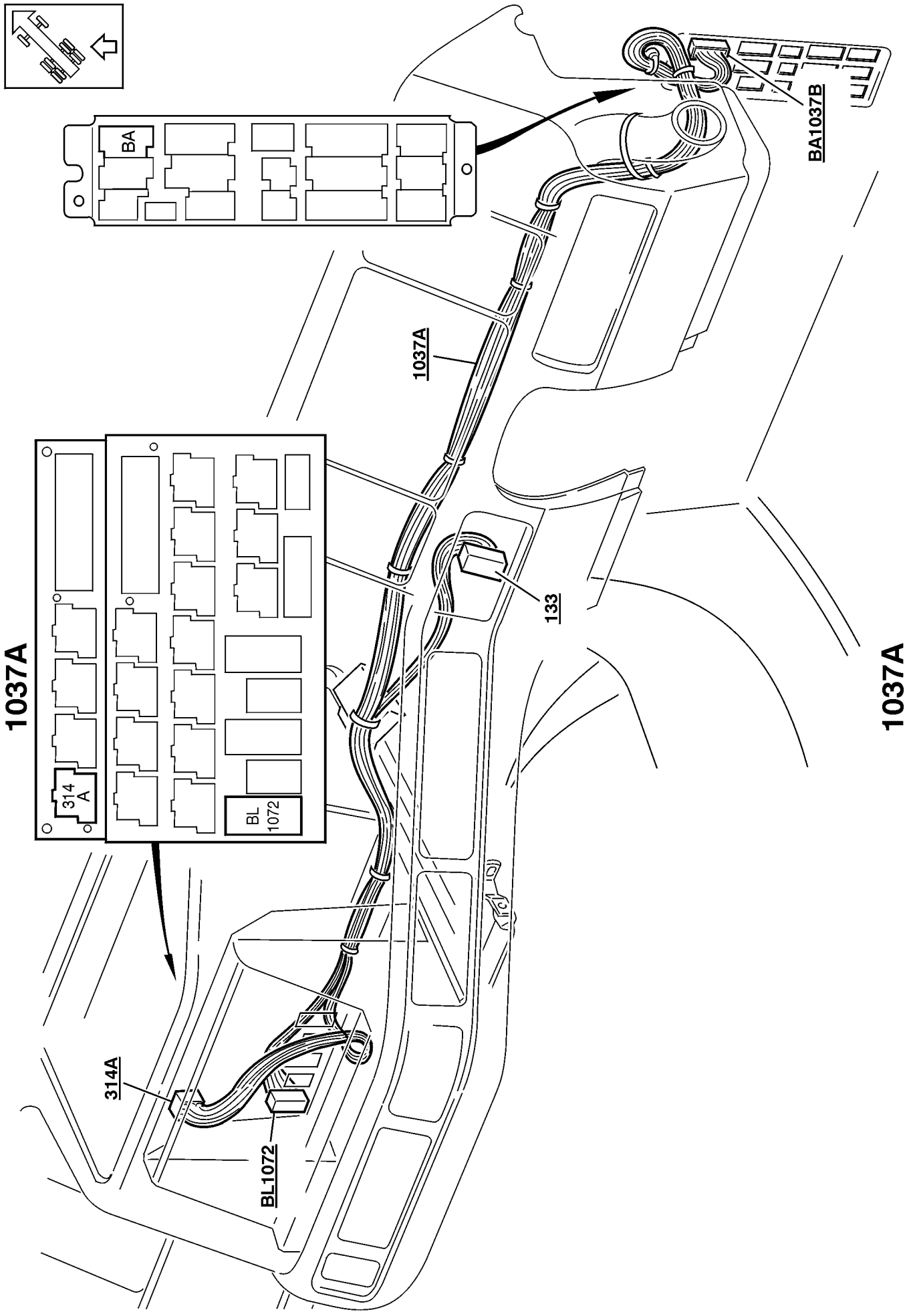
T3009680



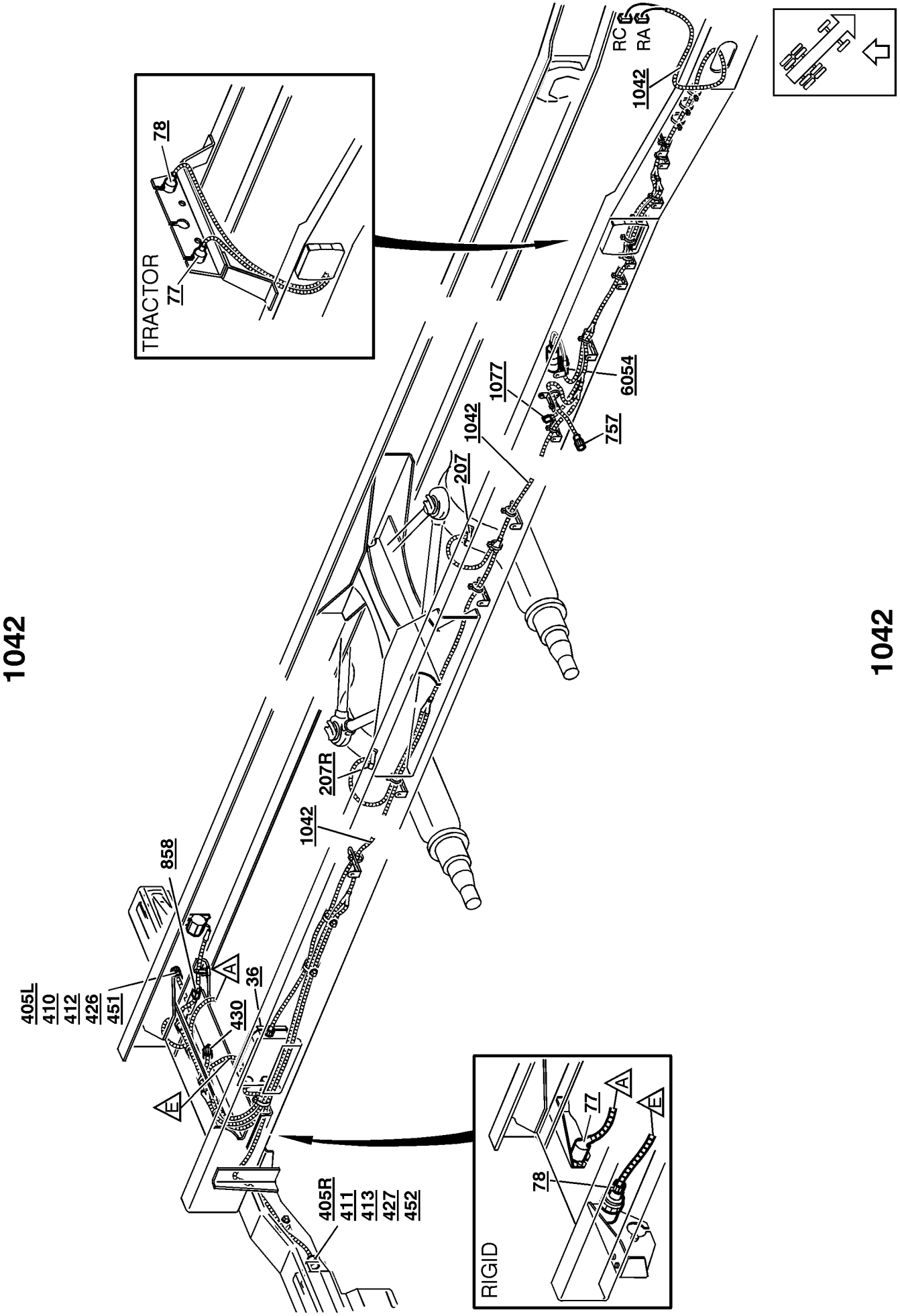
T3011692

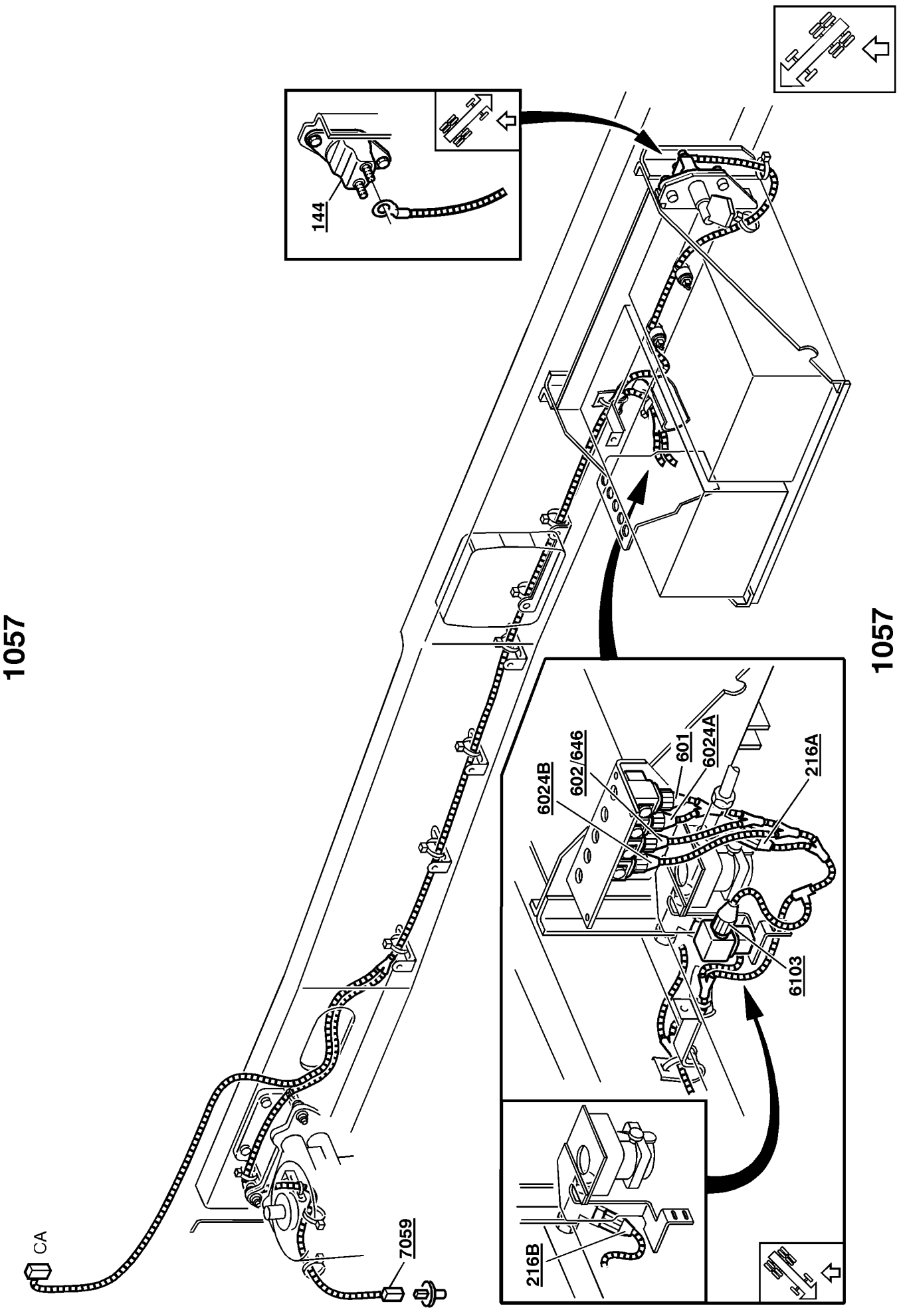

1031B
1031B
1031B
GC1487
9057
1031B
1031B
B
B
6024
767
6018
26
758

T3011476

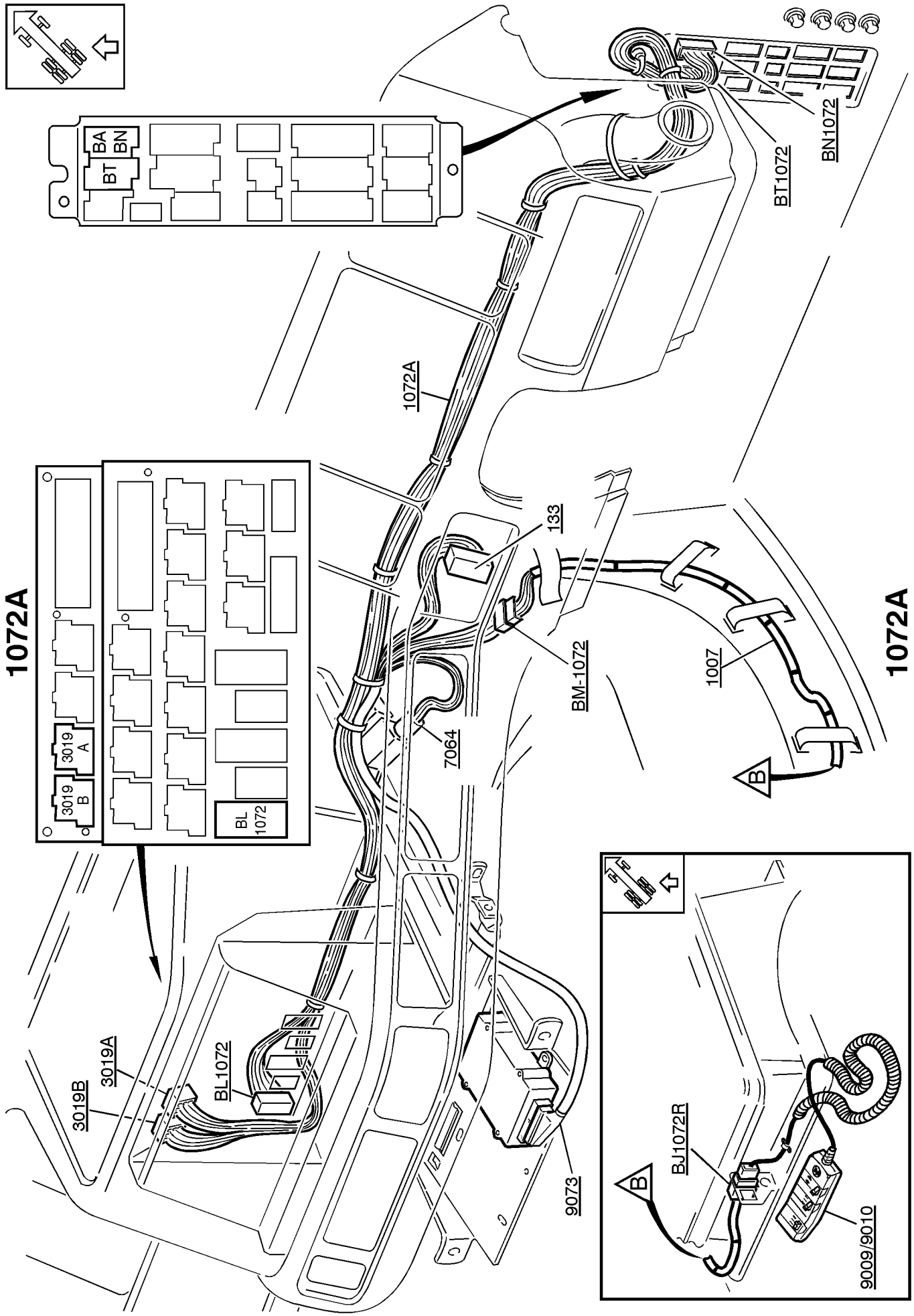


T3011756

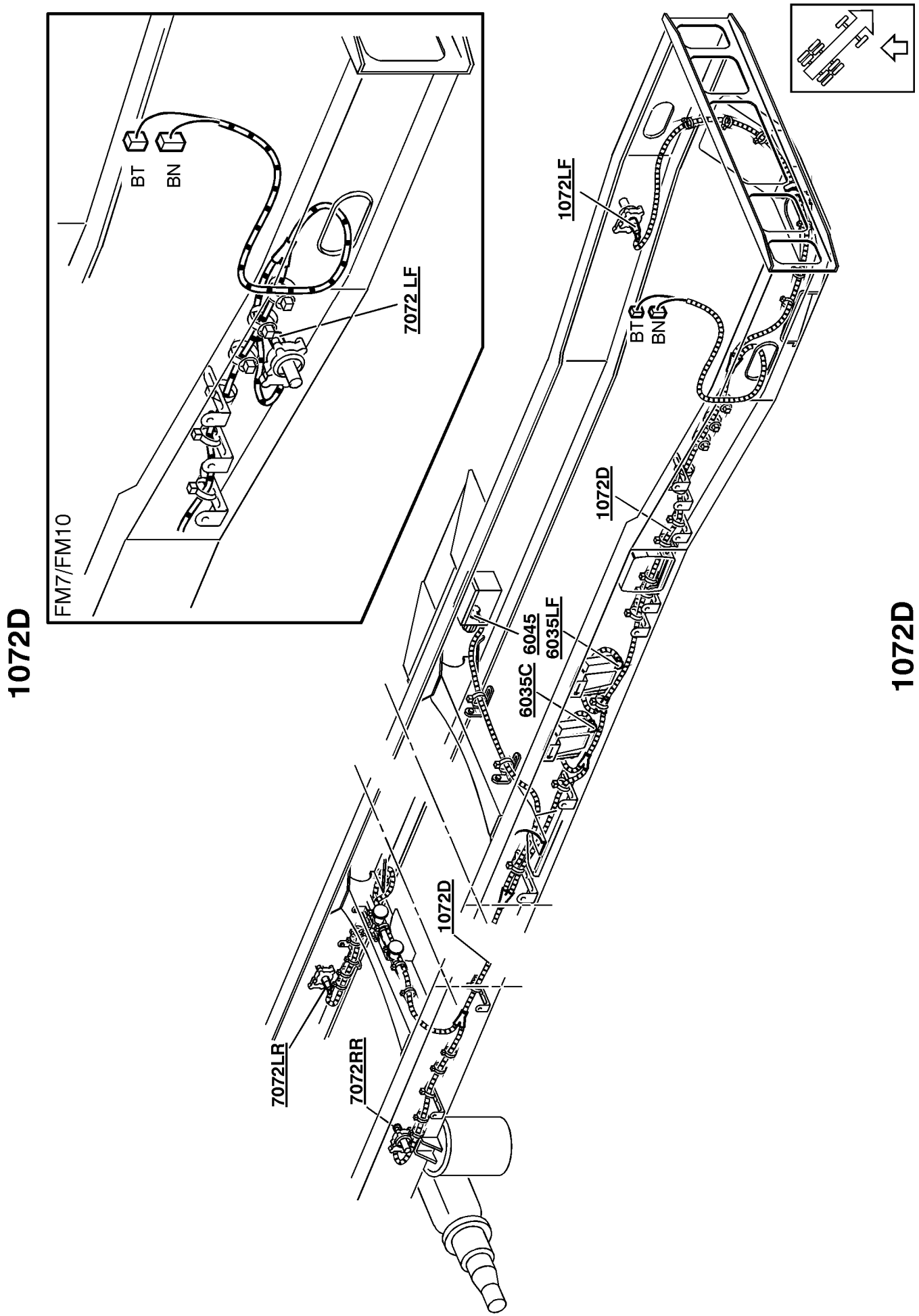

1042
1042
TRACTOR
78
77
RIGID
78
77
A
E
RC
RA
1042
1077
6054
757
1042
207
207R
1042
858
36
430
405L
410
412
426
451
405R
411
413
427
452

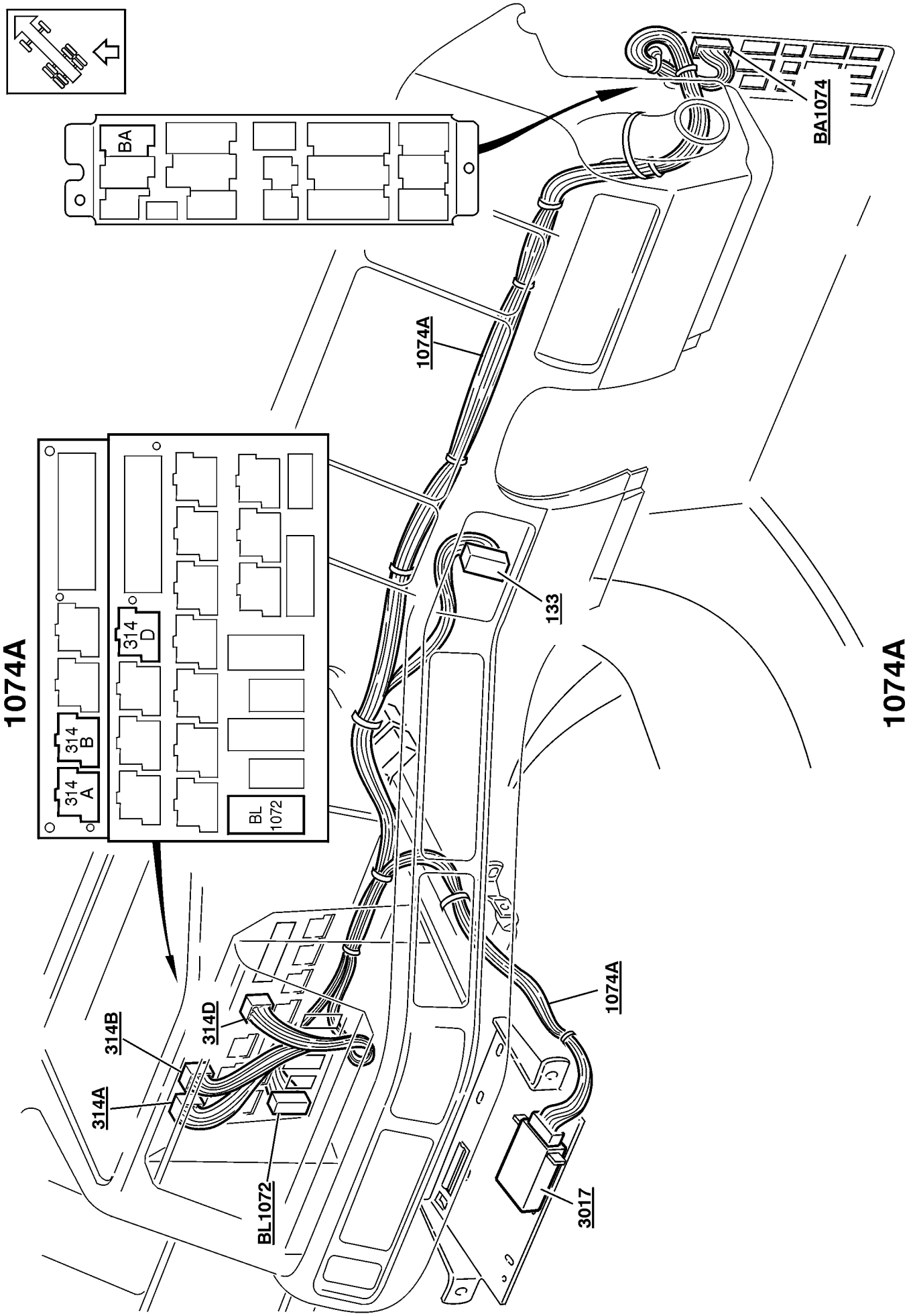


T3009679

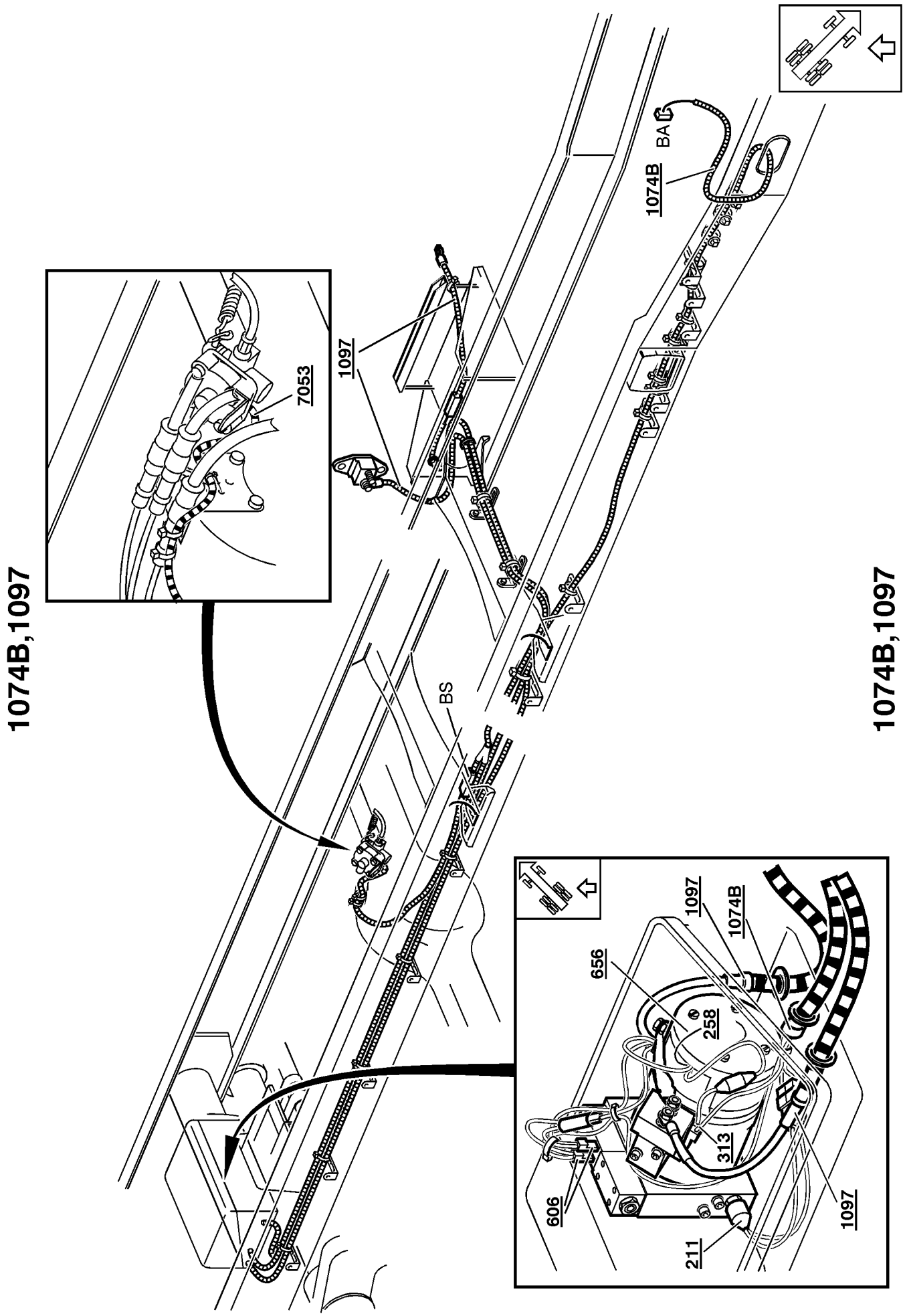

1072A
BA
BN
BT
BT1072
BN1072
1072A
133
BM-1072
1007
7064
3019
A
3019
B
BL
1072
1072A
3019B
3019A
BL1072
9073
B
BJ1072R
9009/9010

T3009999

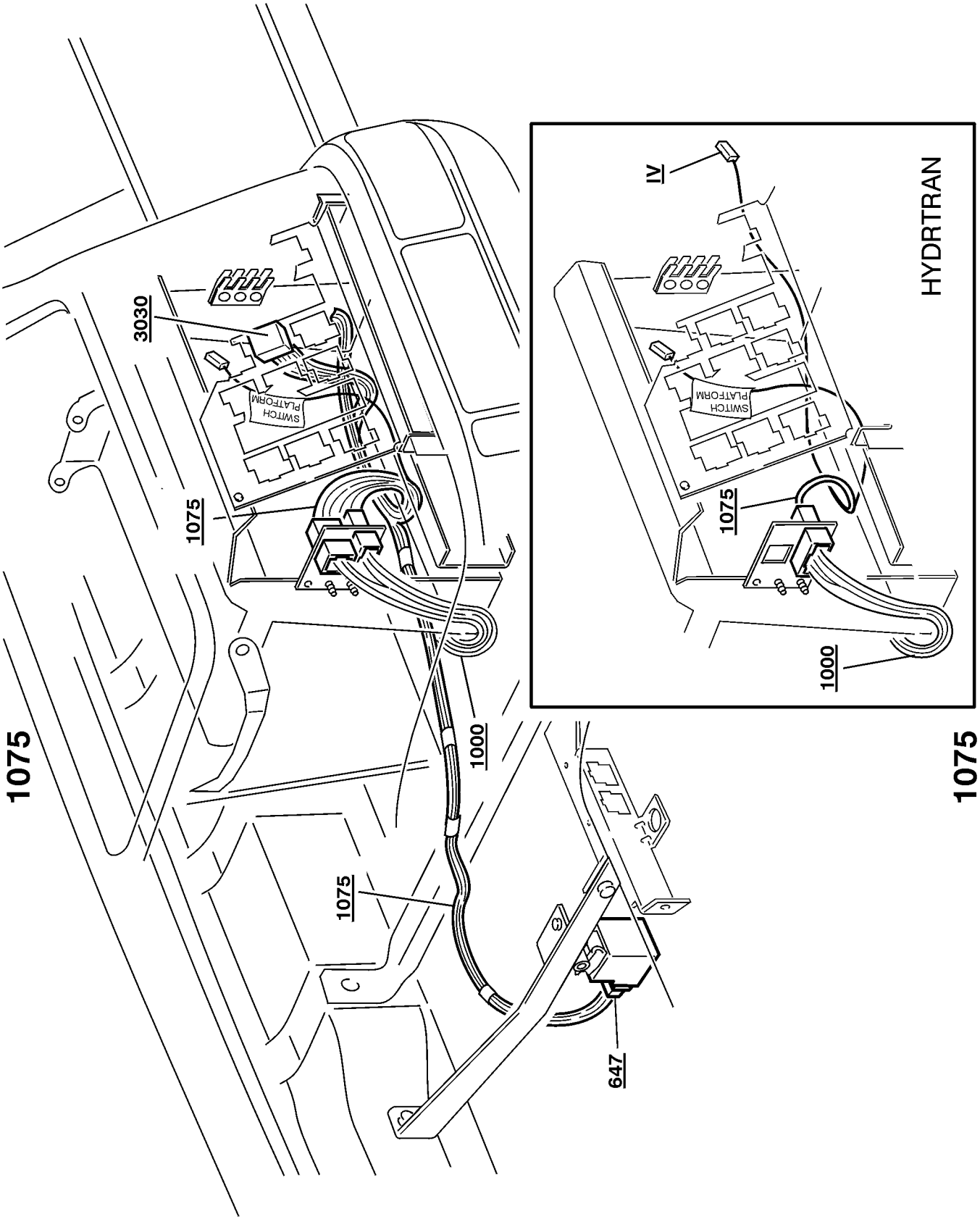

1072D
FM7/FM10
BT
BN
7072 LF
1072LF
BT
BN
1072D
6035C
6045
6035LF
1072D
7072LR
7072RR
1072D
T3011481

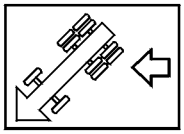

BA
BA1074
1074A
133
1074A
1074A
314
A
314
B
314
D
BL
1072
314B
314D
314A
BL1072
3017

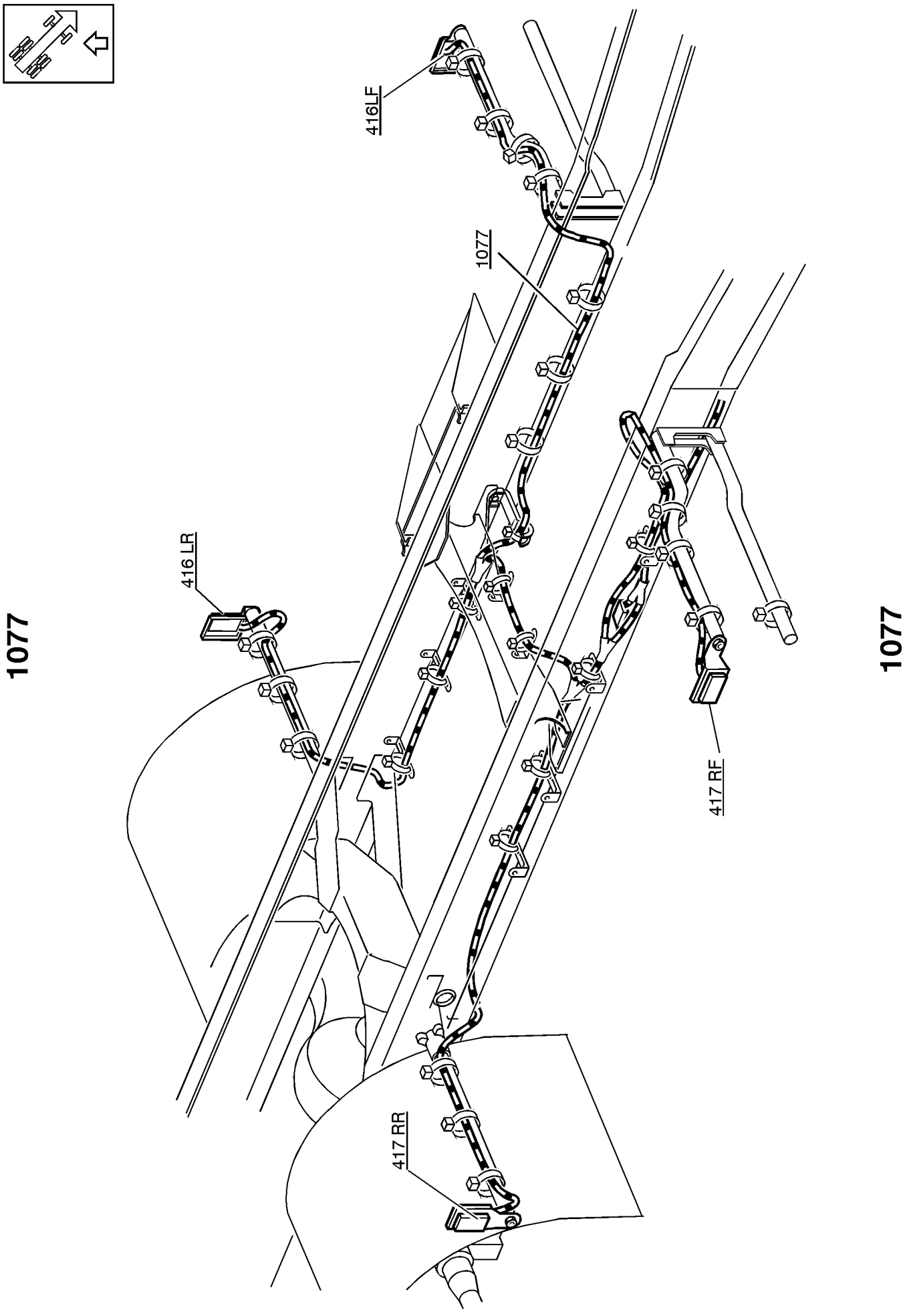
T3011757


1074B,1097
7053
1097
1074B
BA
BS
656
258
313
606
211
1097
1074B,1097

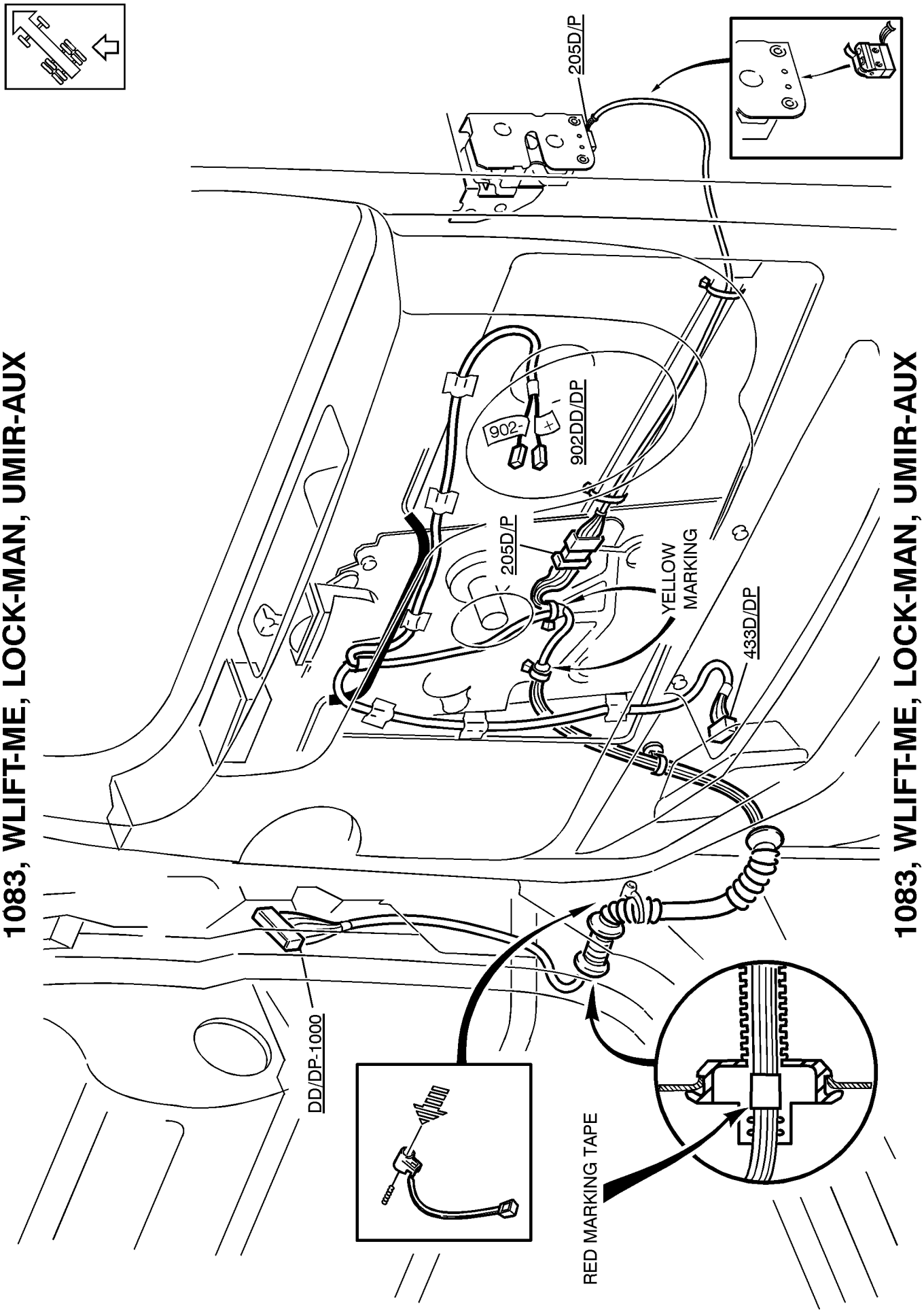
T3010063


1075
3030
SWITCH PLATFORM
1075
1000
1075
647
IV
HYDRTRAN
SWITCH PLATFORM
1075
1000
1075

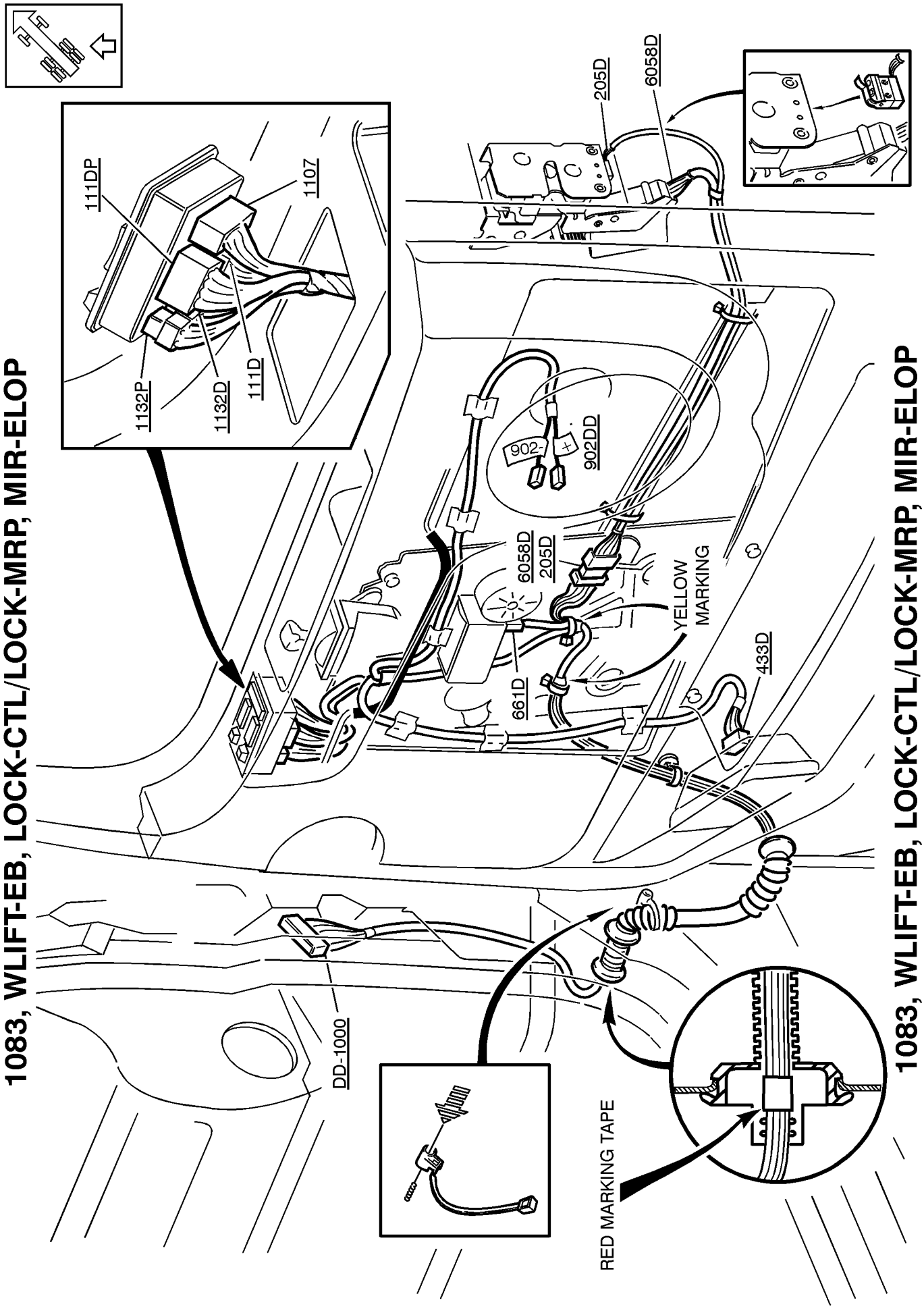




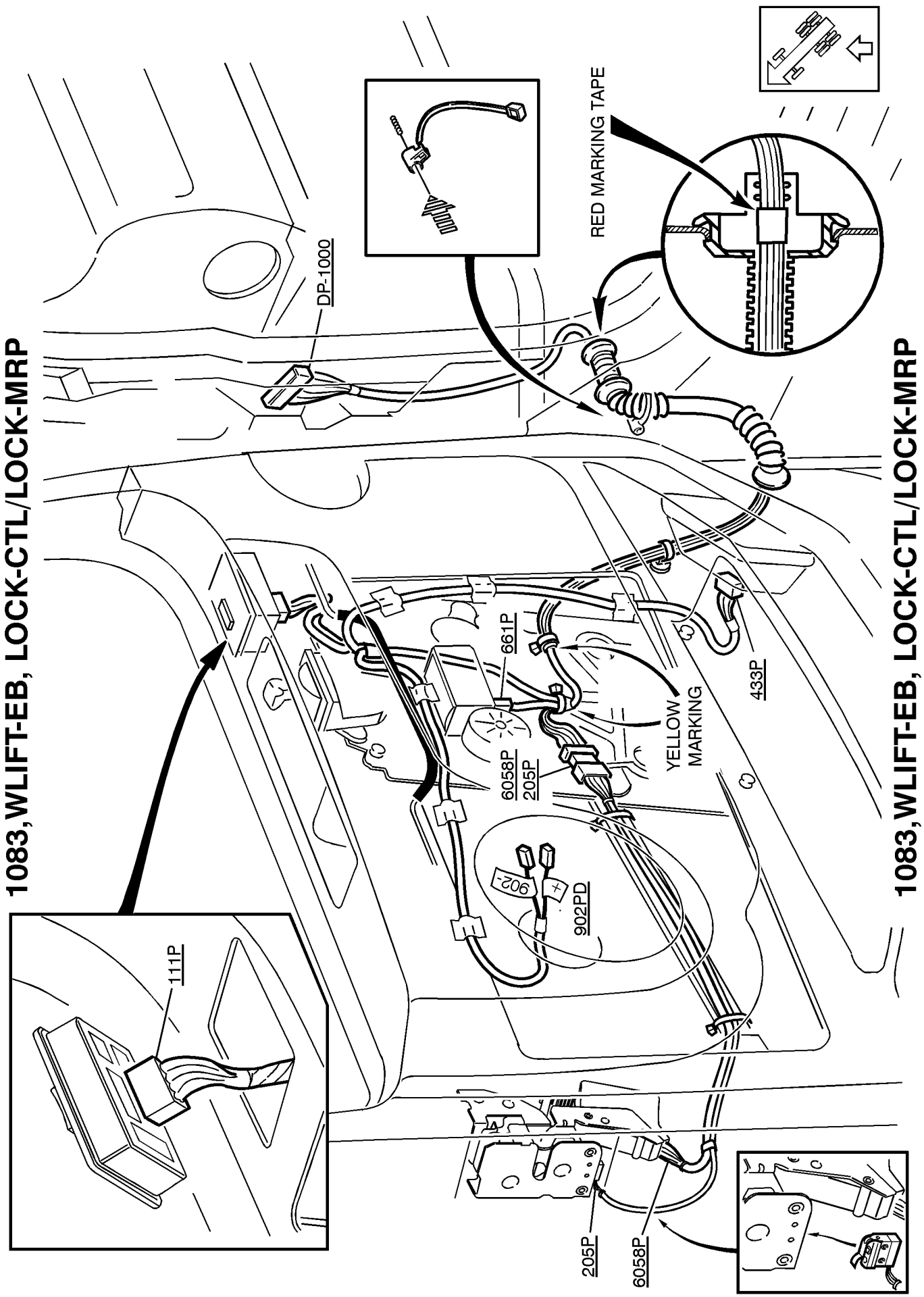
T3011484


1083, WLIFT-ME, LOCK-MAN, UMIR-AUX
205D/P
902-
902DD/DP
205D/P
YELLOW MARKING
433D/DP
DD/DP-1000
RED MARKING TAPE
1083, WLIFT-ME, LOCK-MAN, UMIR-AUX

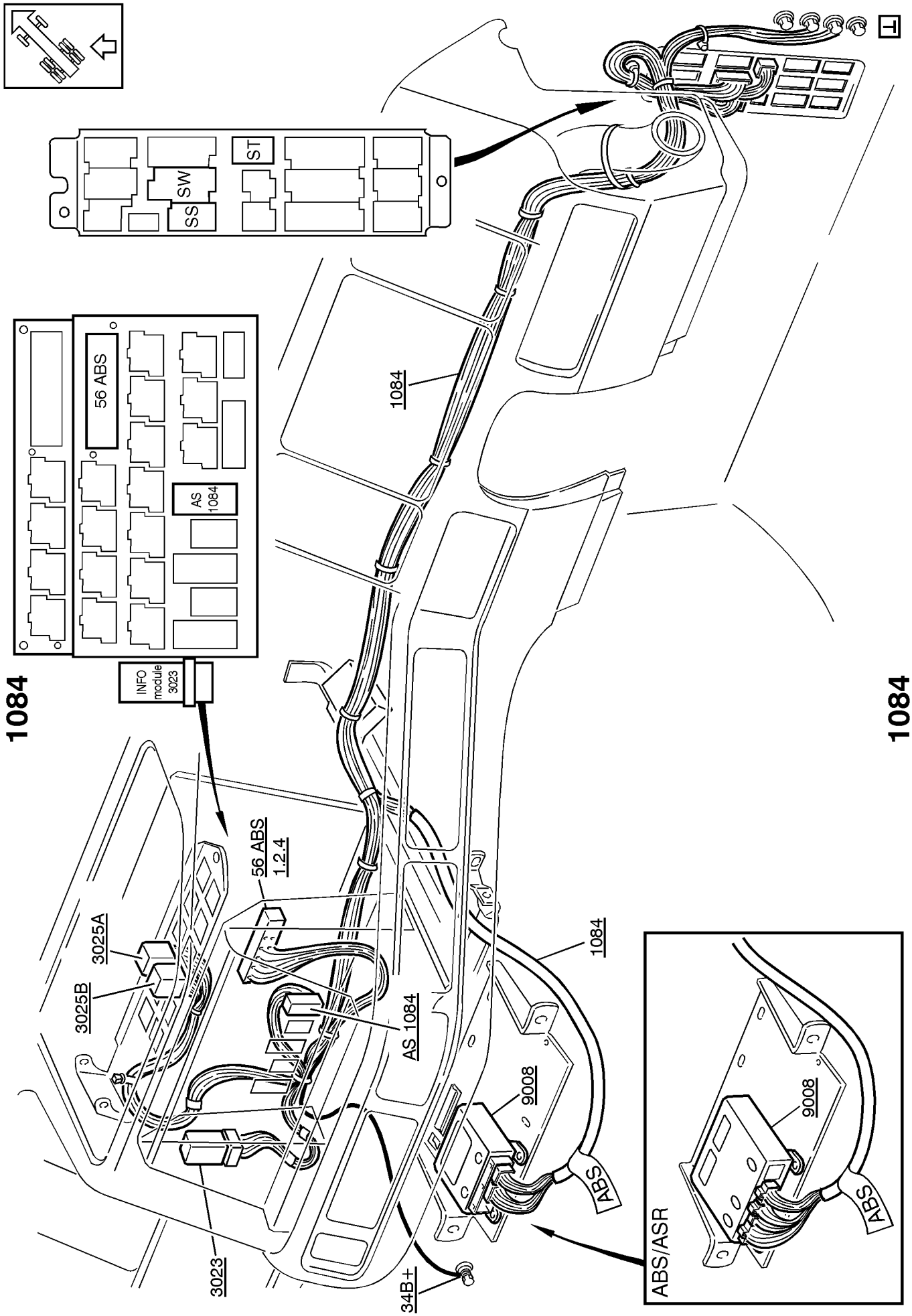
T3010001


1083, WLIFT-EB, LOCK-CTL/LOCK-MRP, MIR-ELOP
111DP
1107
1132P
1132D
111D
205D
6058D
902-
+
902DD
6058D
205D
661D
YELLOW MARKING
433D
DD-1000
RED MARKING TAPE
1083, WLIFT-EB, LOCK-CTL/LOCK-MRP, MIR-ELOP

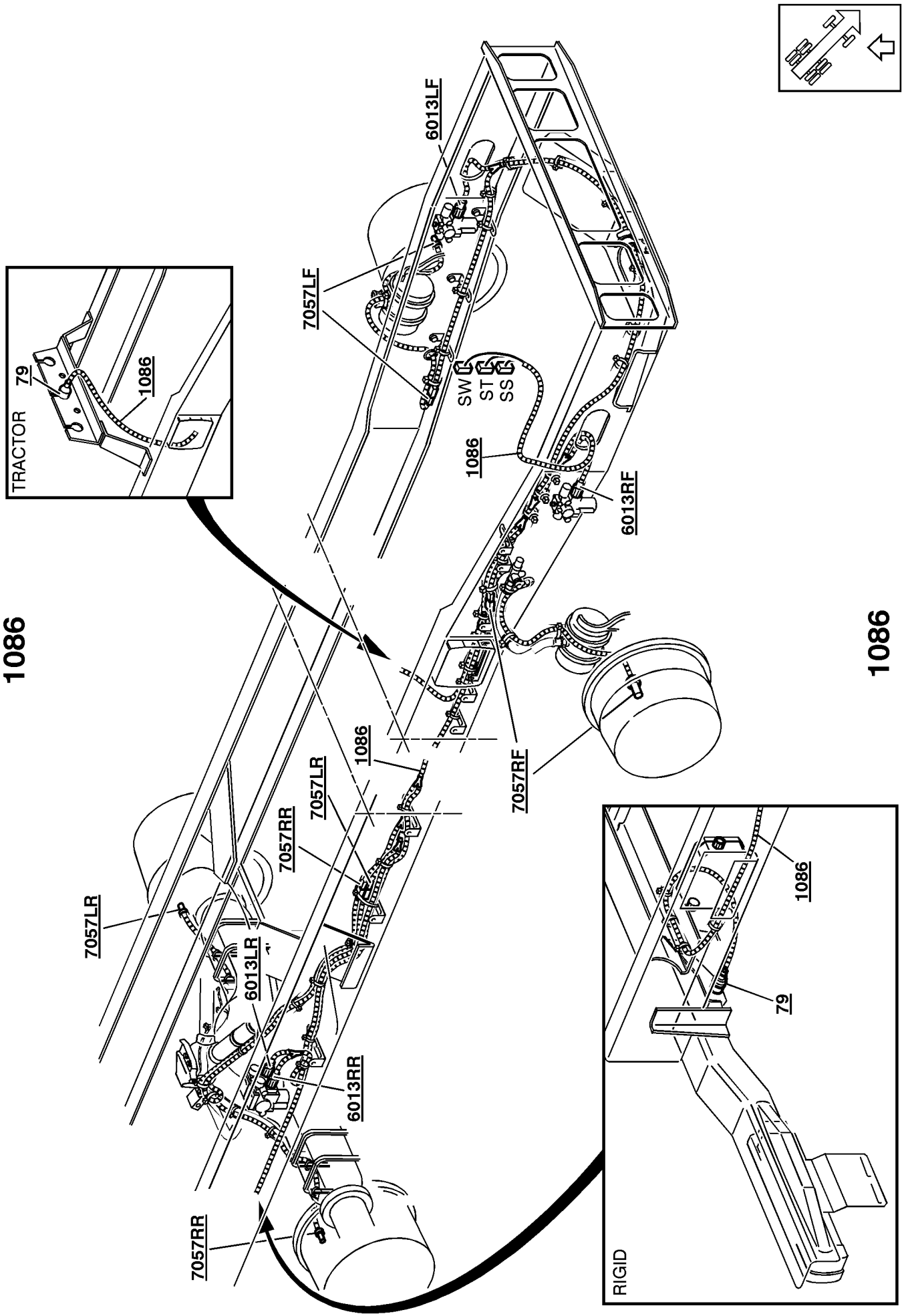
T3010002

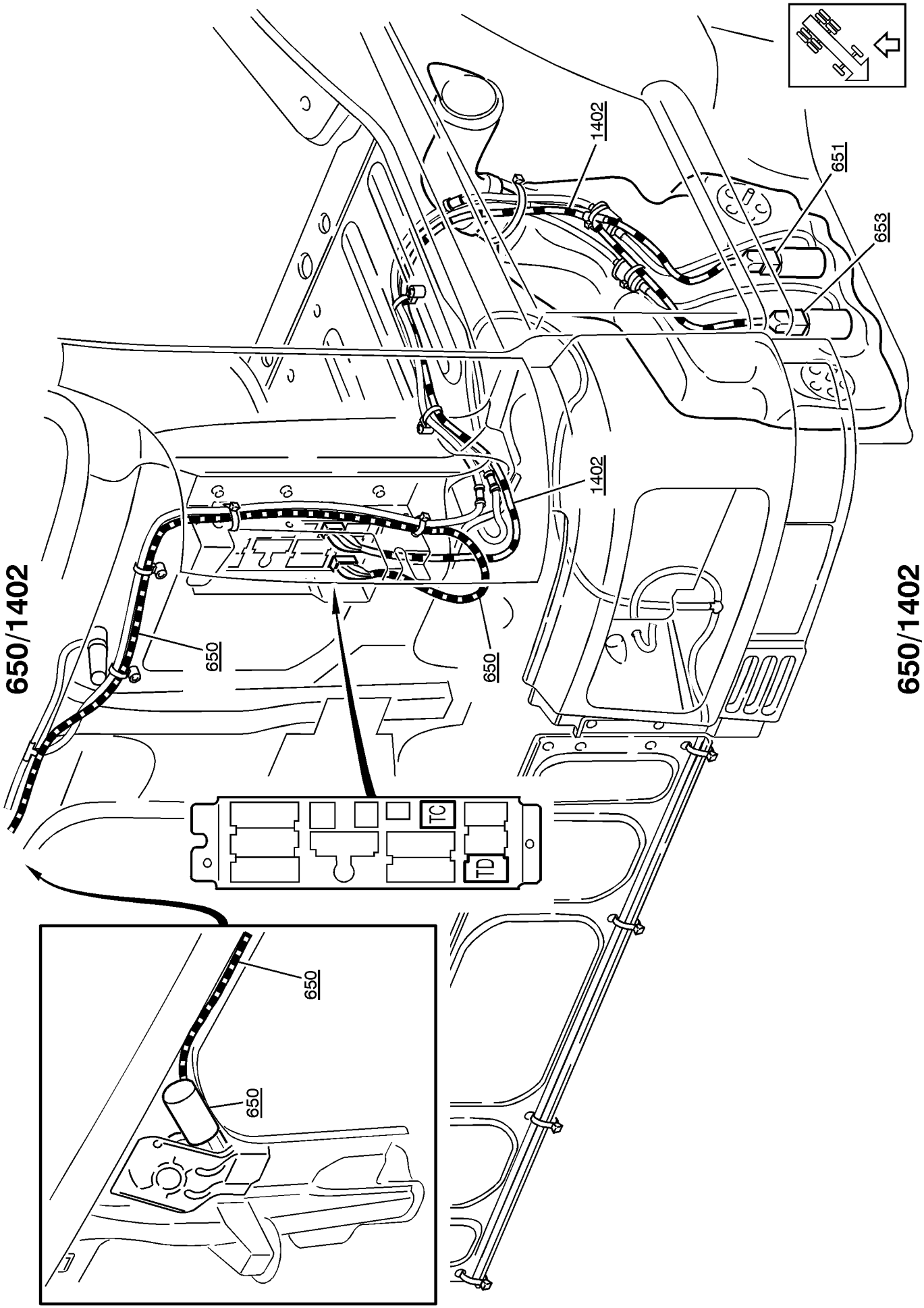

1083,WLIFT-EB, LOCK-CTL/LOCK-MRP
1083,WLIFT-EB, LOCK-CTL/LOCK-MRP
DP-1000
RED MARKING TAPE
111P
661P
6058P
205P
902PD
902-
+
YELLOW MARKING
433P
205P
6058P

T3009707

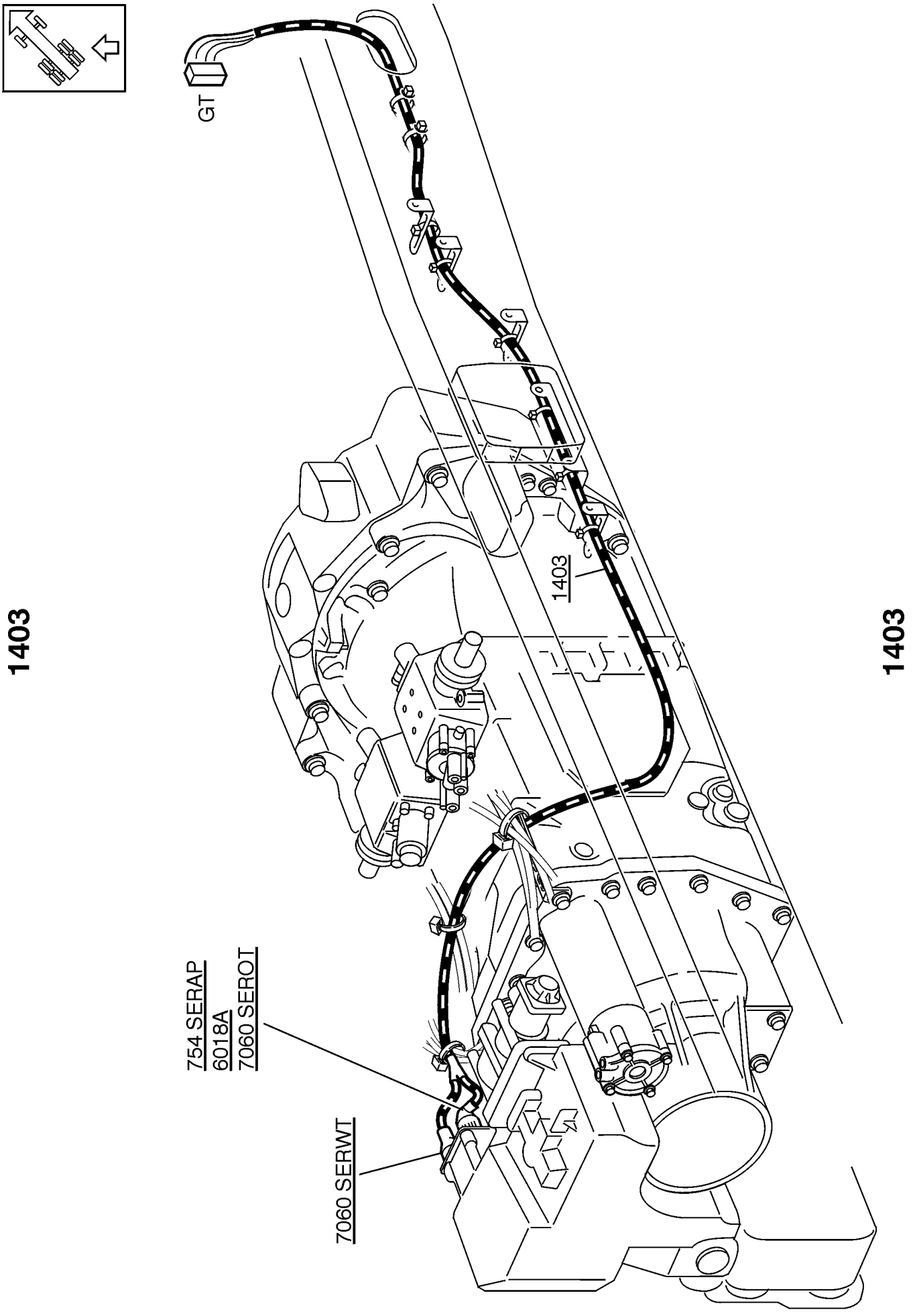

1084
1084
56 ABS
AS 1084
INFO module 3023
SW
SS
ST
1084
56 ABS 1.2.4
3025A
3025B
AS 1084
1084
9008
ABS
3023
34B+
ABS/ASR
9008
ABS

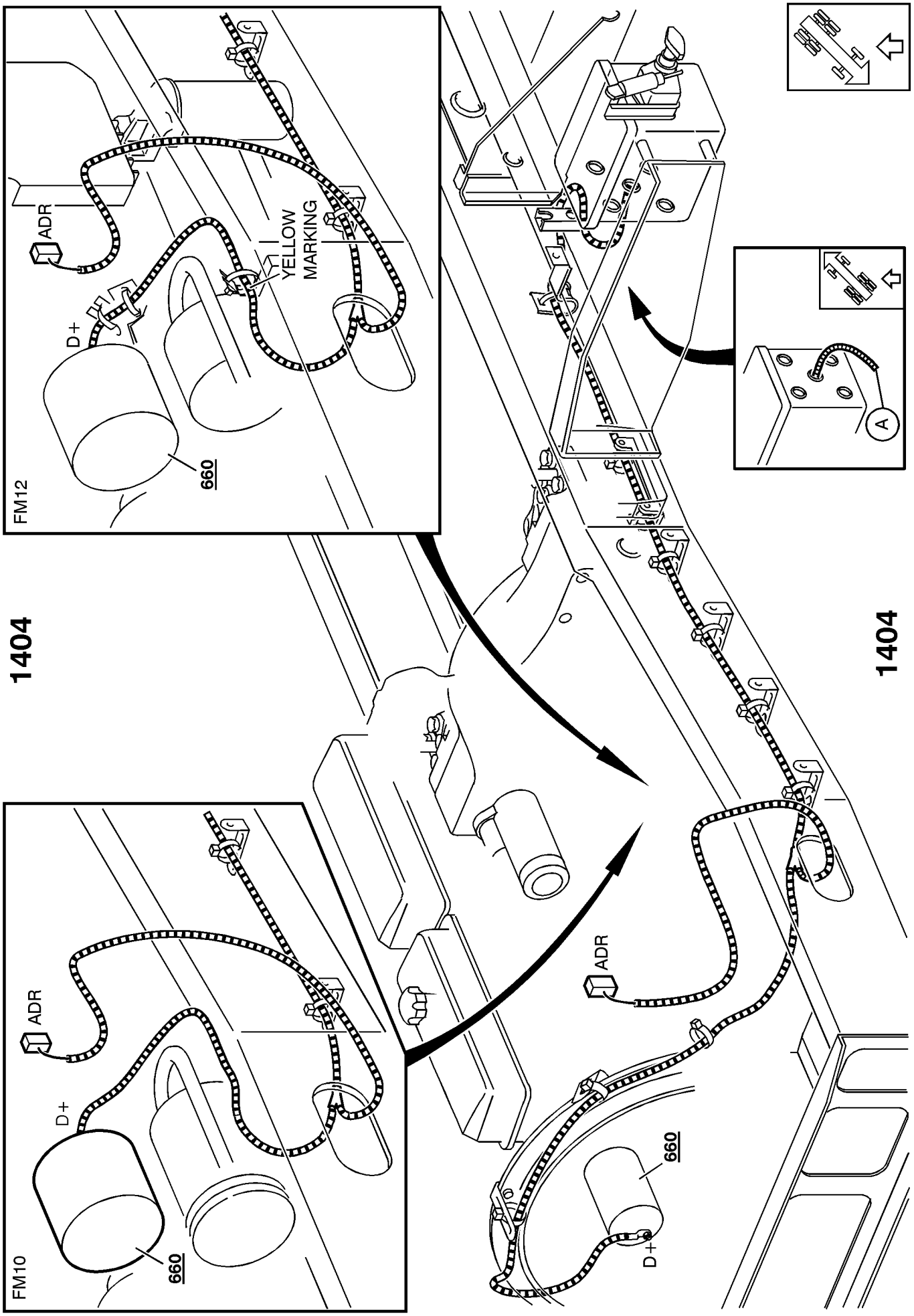
T3010003


1086
6013LF
7057LF
SW
ST
SS
1086
6013RF
TRACTOR
79
1086
7057RF
1086
7057LR
7057RR
7057LR
6013LR
6013RR
7057RR
RIGID
1086
79
1086

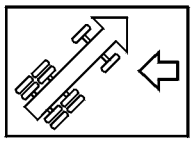


T3010004

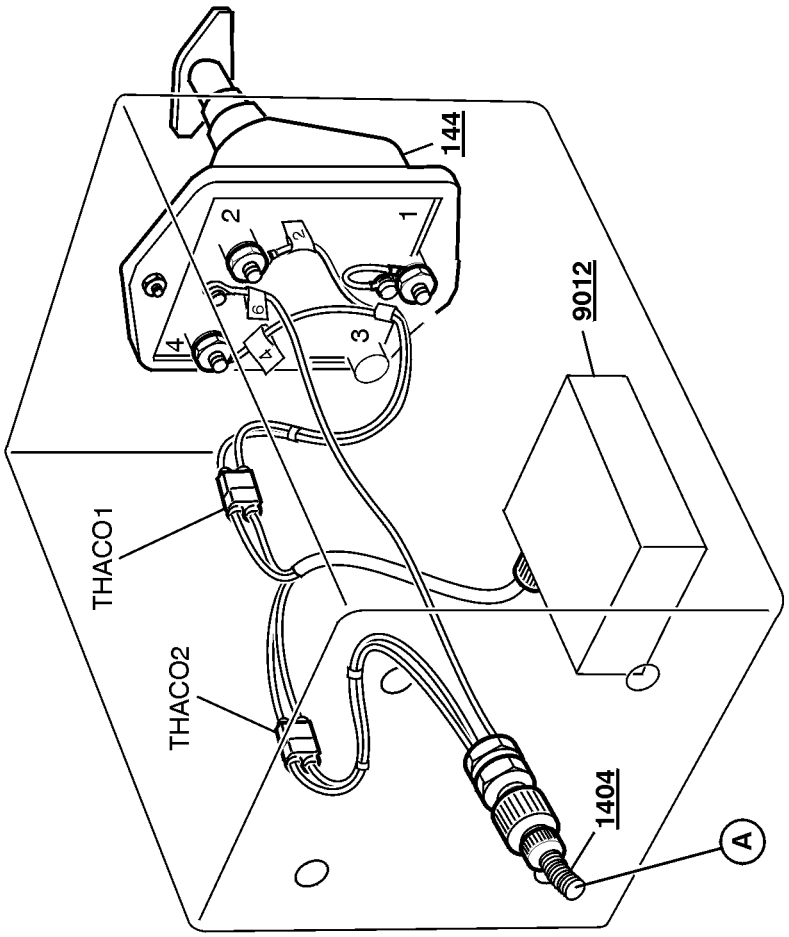

1403
GT
1403
754 SERAP
6018A
7060 SEROT
7060 SERWT
1403
T3011786


1404
1404
FM12
ADR
D+
YELLOW MARKING
660
A
FM10
ADR
D+
660
ADR
660
D+

T3011486

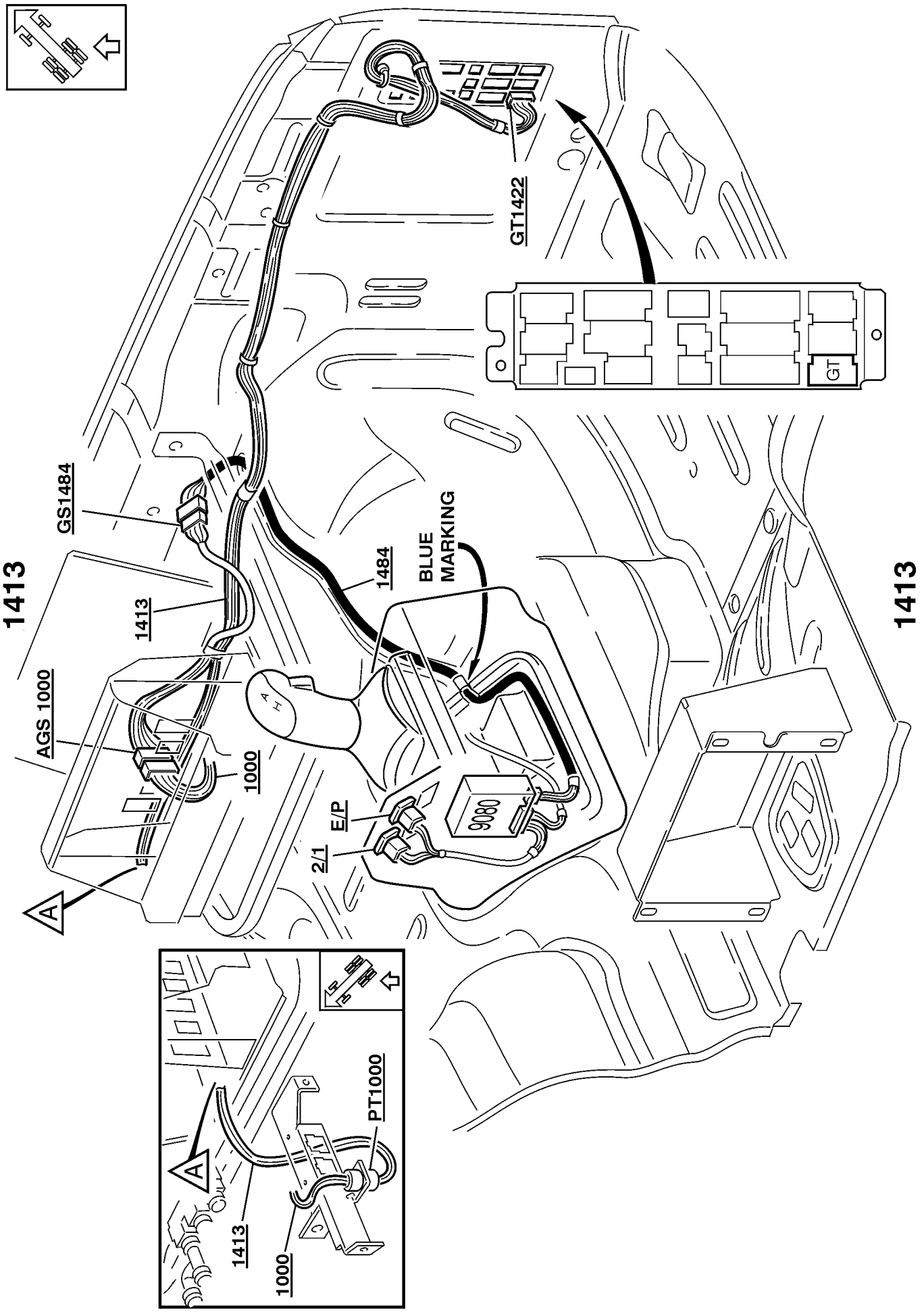


1404

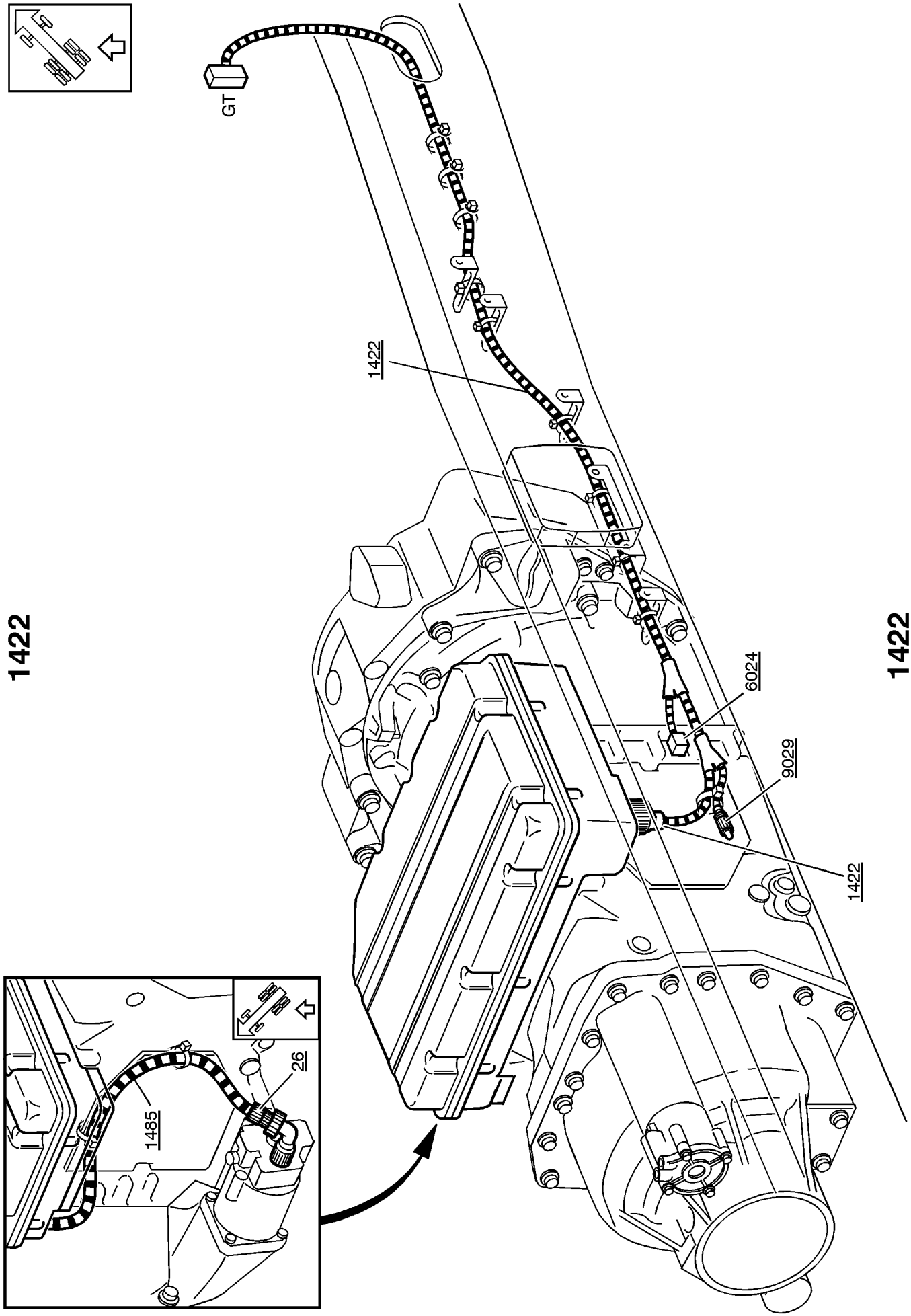


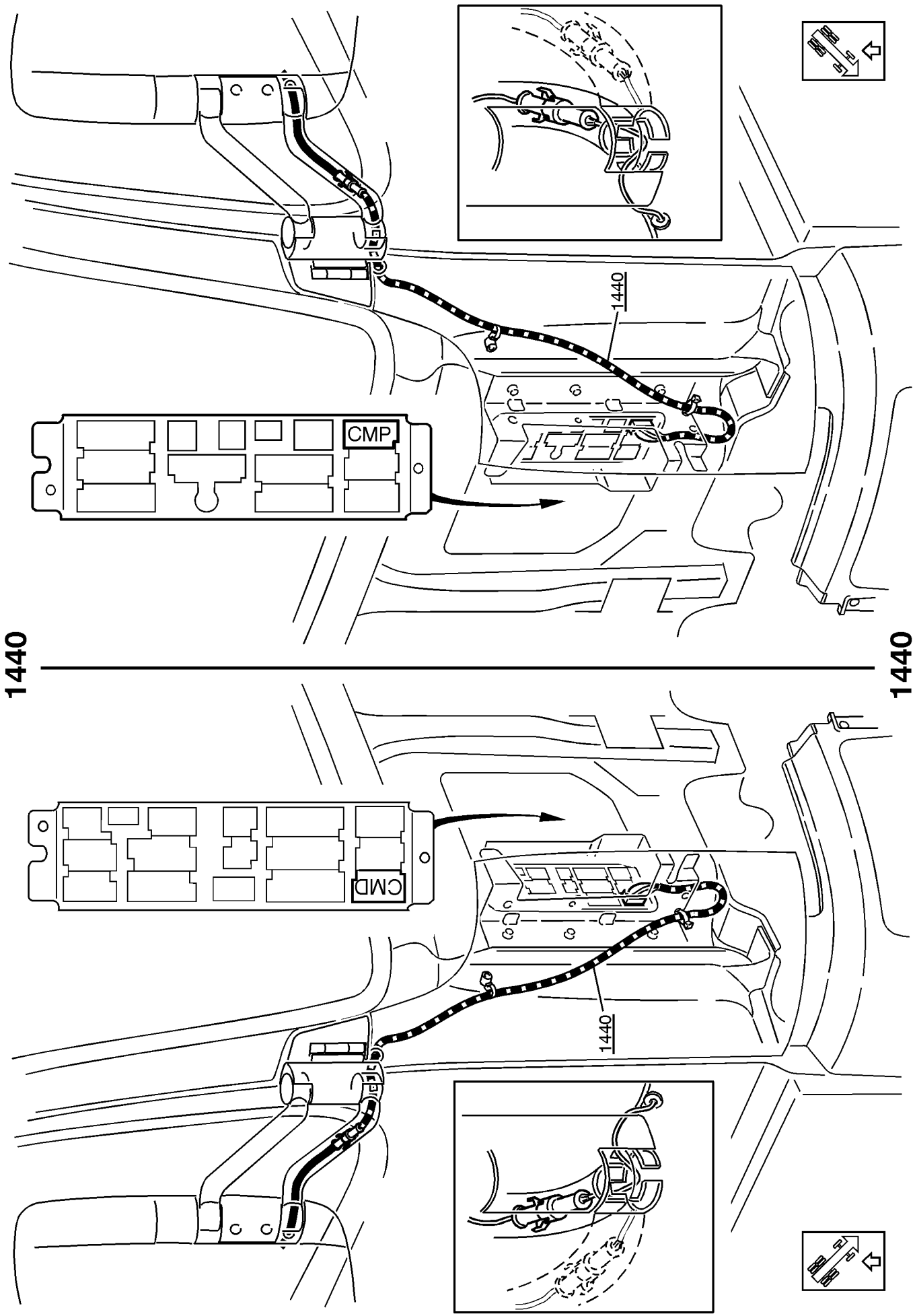
1404

T3011694

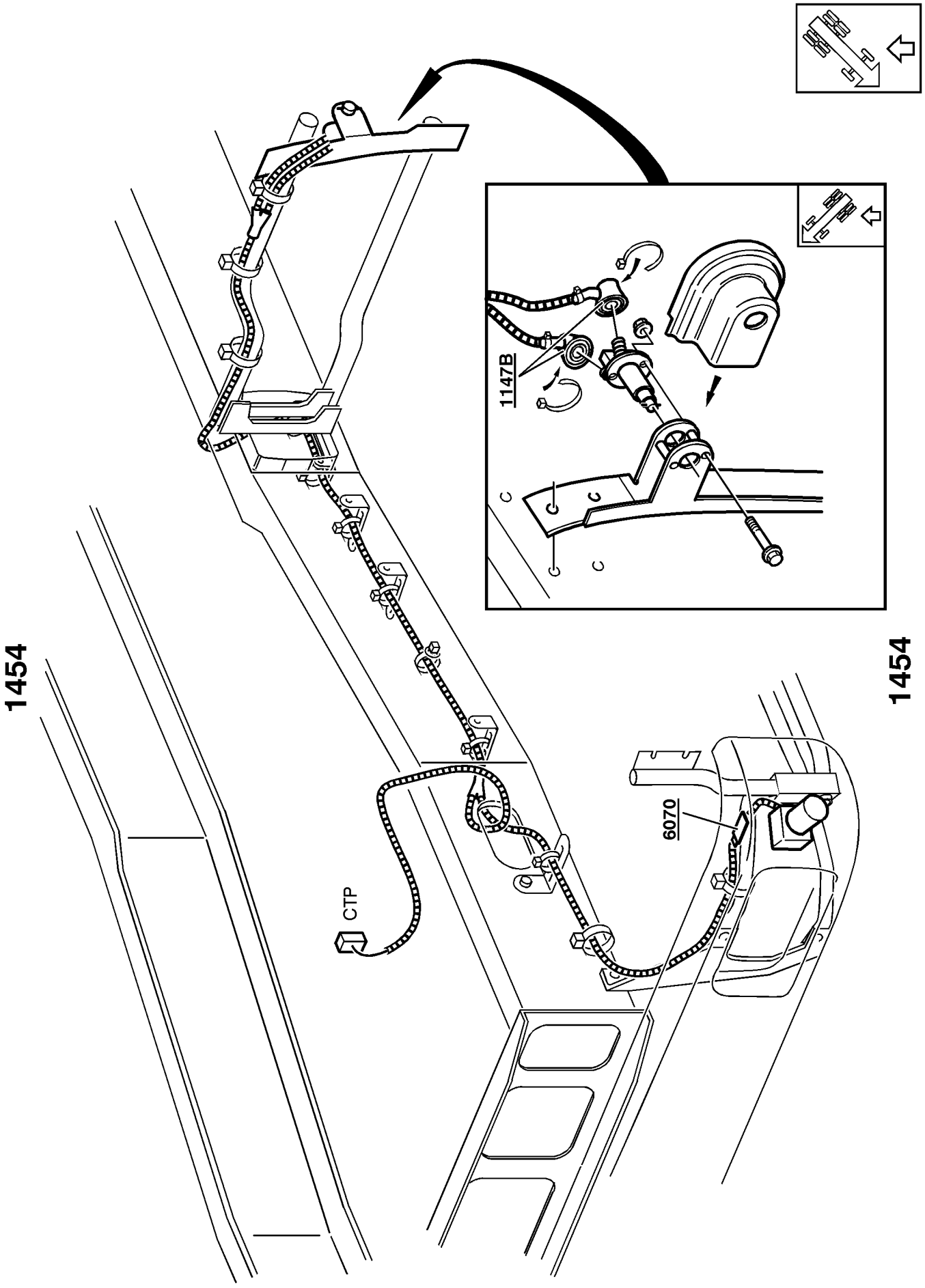

GT1422
GT
GS1484
1413
1413
1484
BLUE MARKING
AGS 1000
1000
E/P
2/1
9080
A
A
PT1000
1413
1000

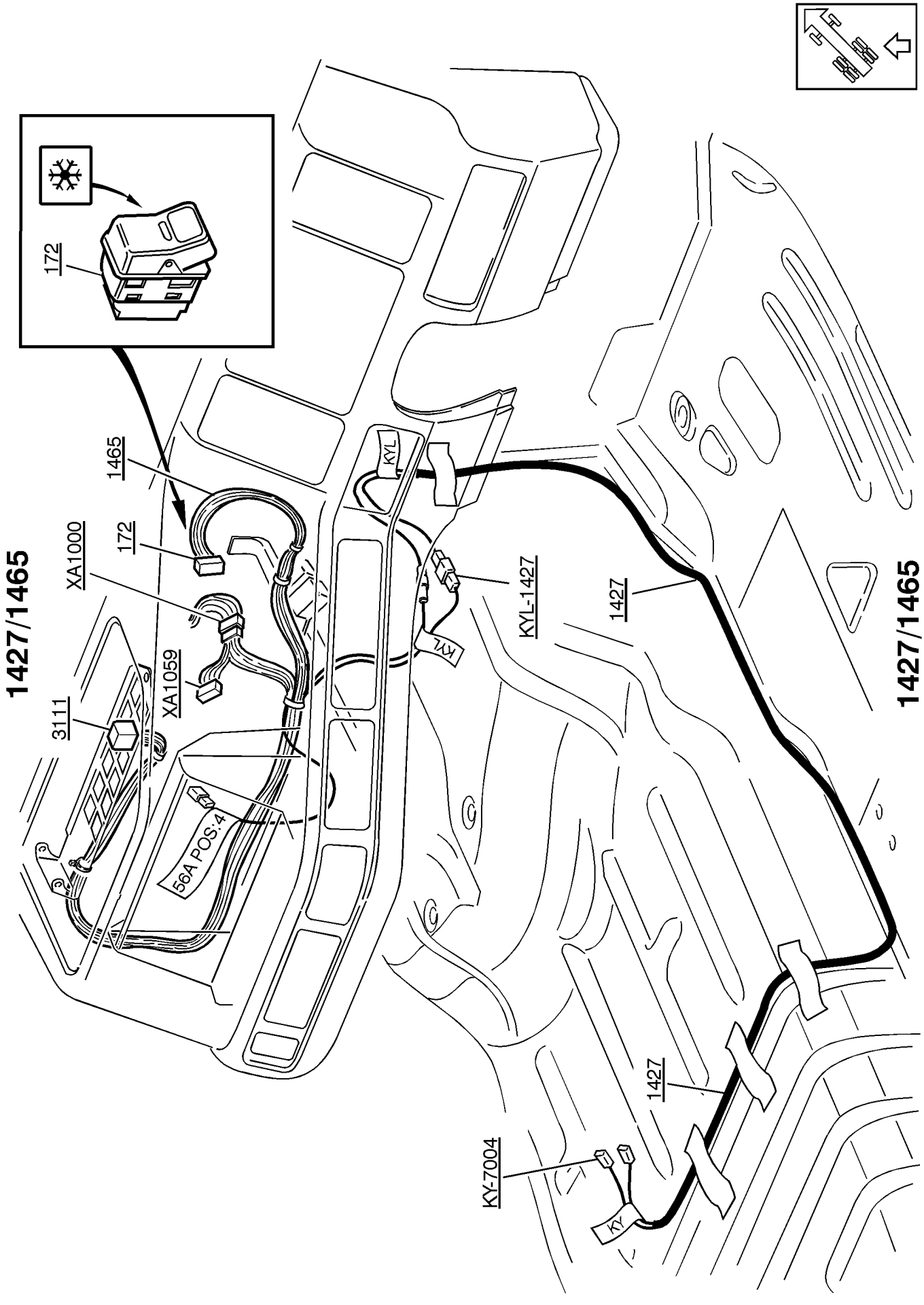
T3011759

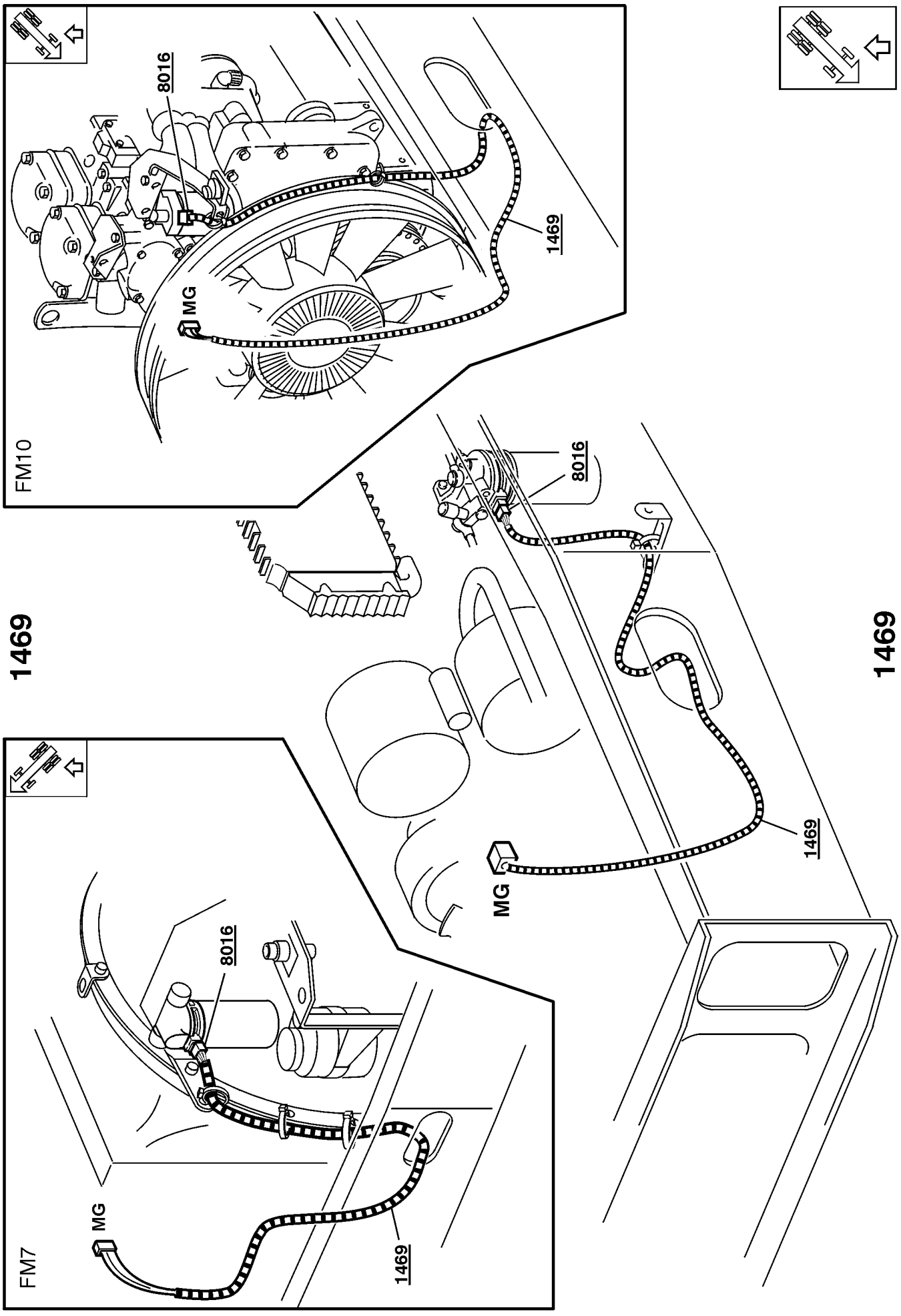

1422
GT
1422
6024
9029
1422
1485
26
T3011488

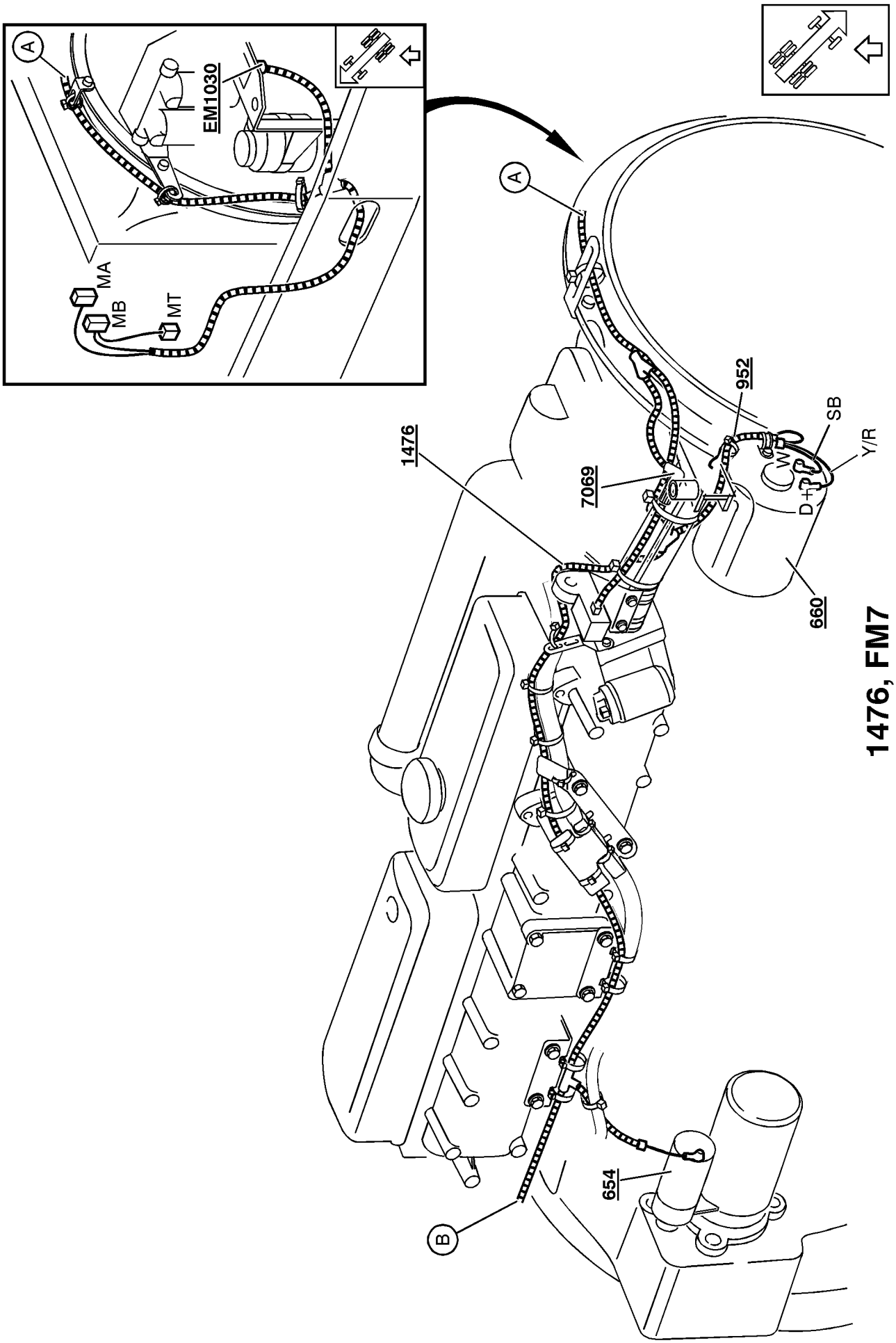


T3010006

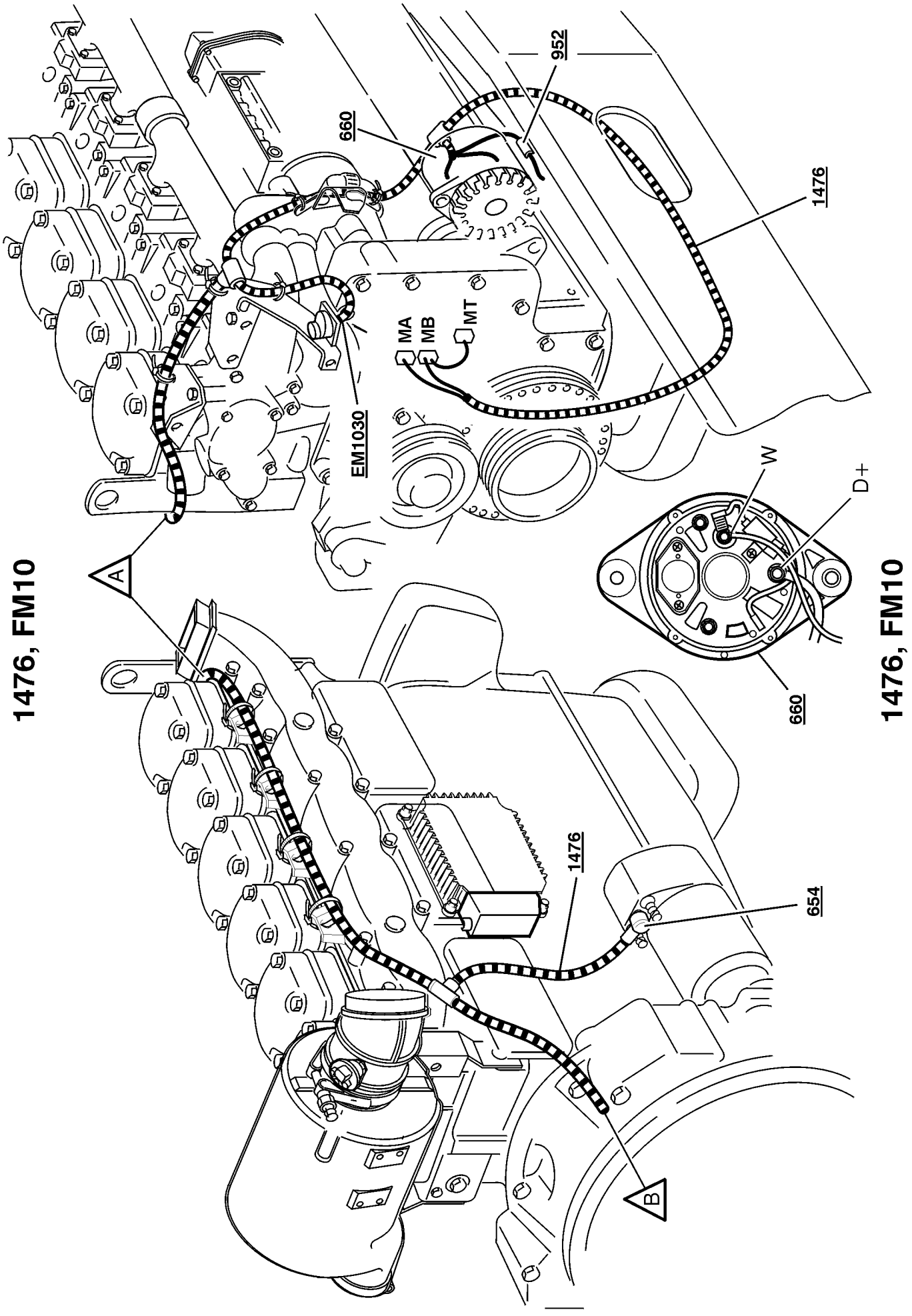

1454
1147B
CTP
6070
1454


1427/1465
172
1465
XA1000
172
XA1059
3111
56A POS:4
KYL
KYL-1427
1427
KY-7004
1427
1427/1465
T3011314

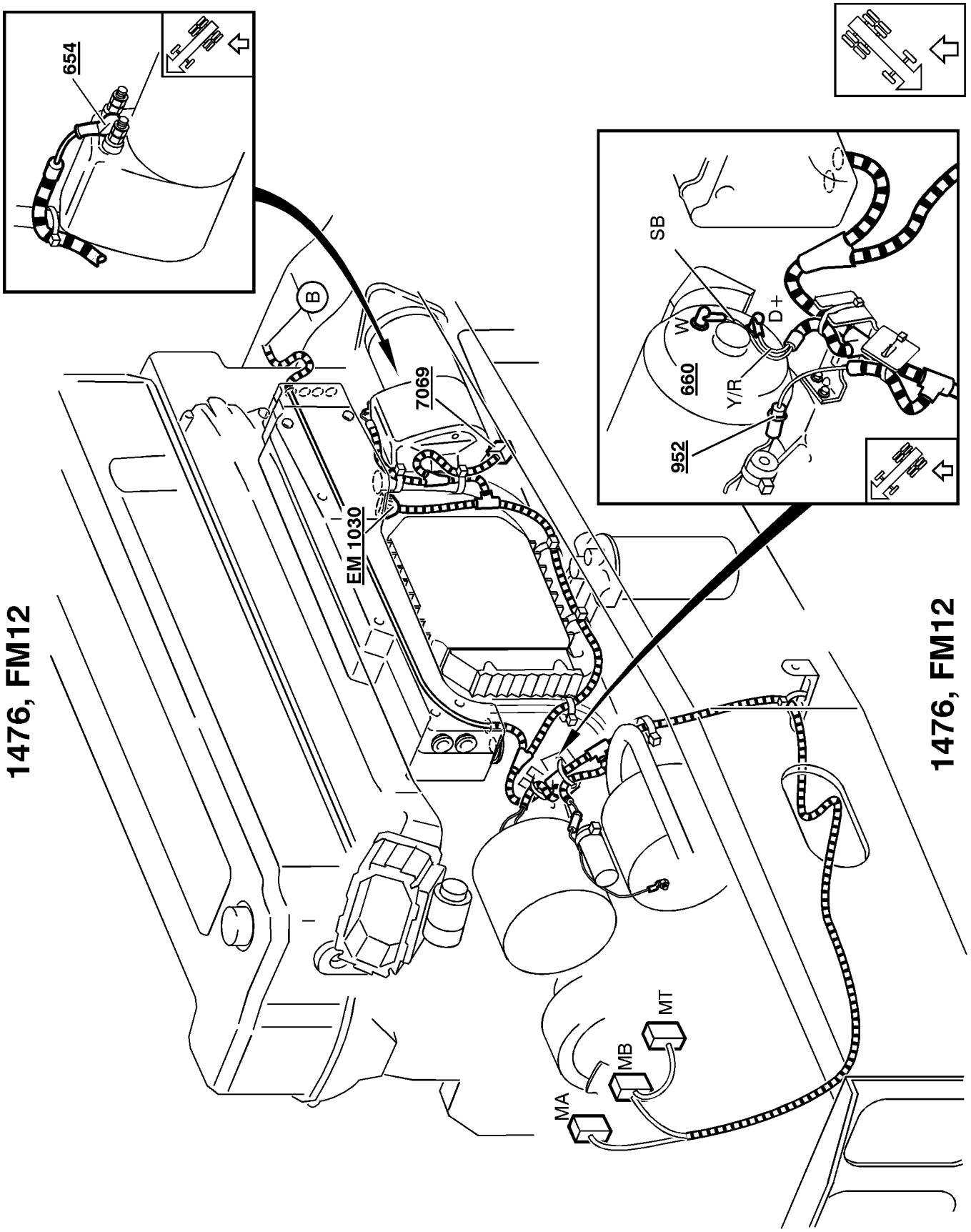

FM10
8016
1469
MG
1469
8016
1469
MG
FM7
8016
MG
1469
T3011695


A
EM1030
MA
MB
MT
A
952
SB
Y/R
W
D+
1476
7069
660
654
B
1476, FM7
1476, FM7

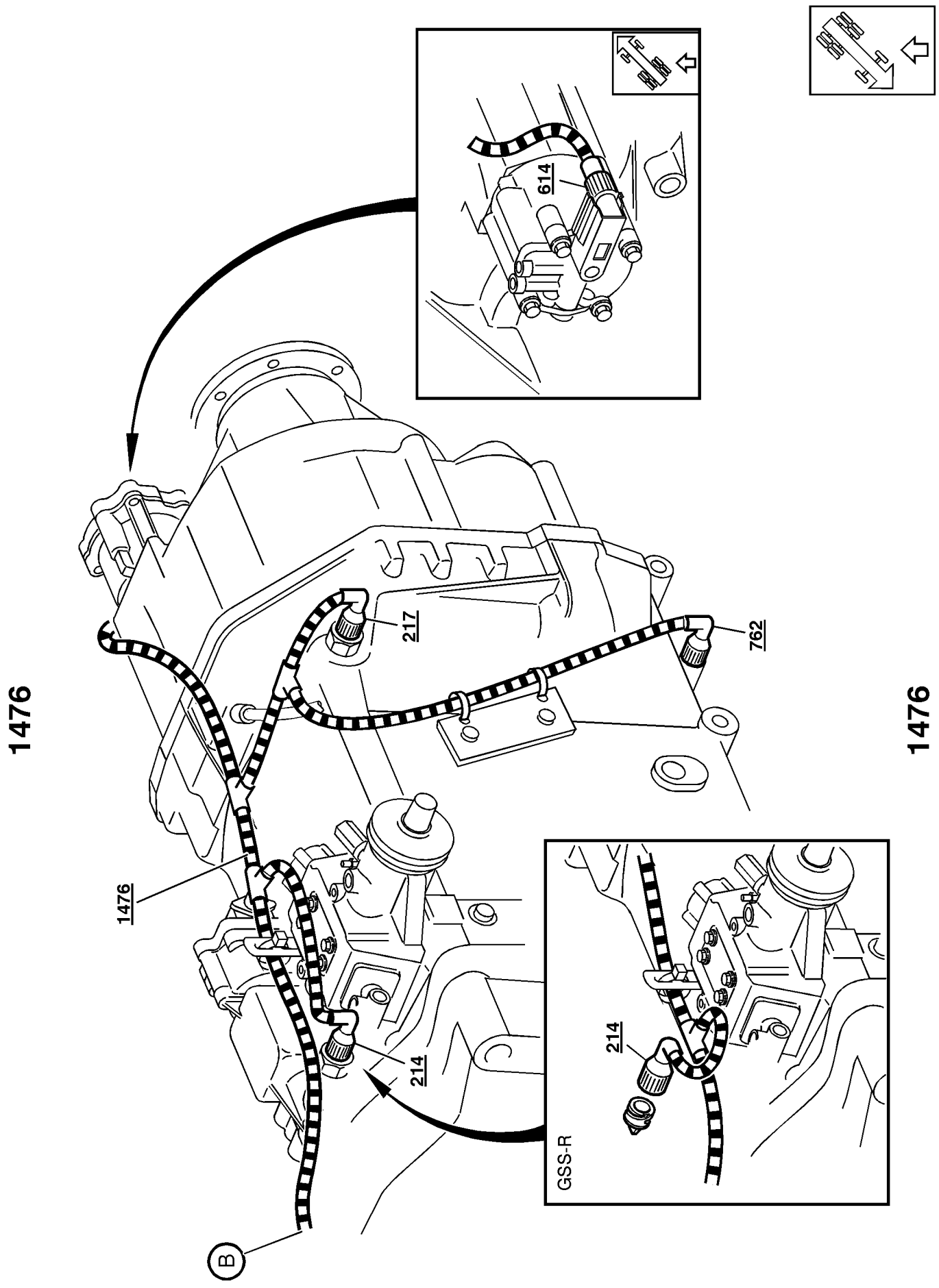
T3011491

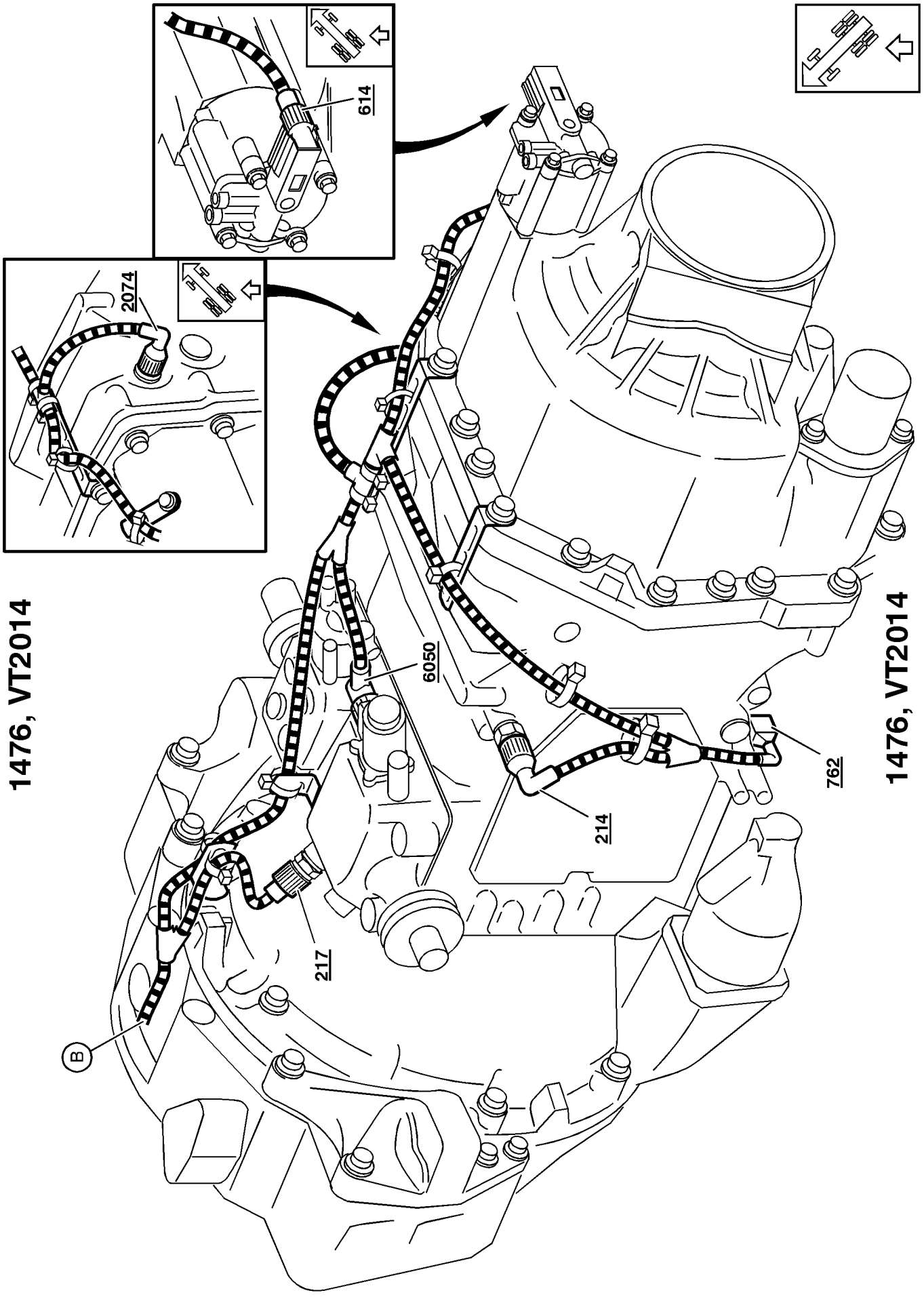

952
660
1476
MA
MB
MT
EM1030
A
W
D+
660
1476, FM10
1476, FM10
1476
654
B

T3011492

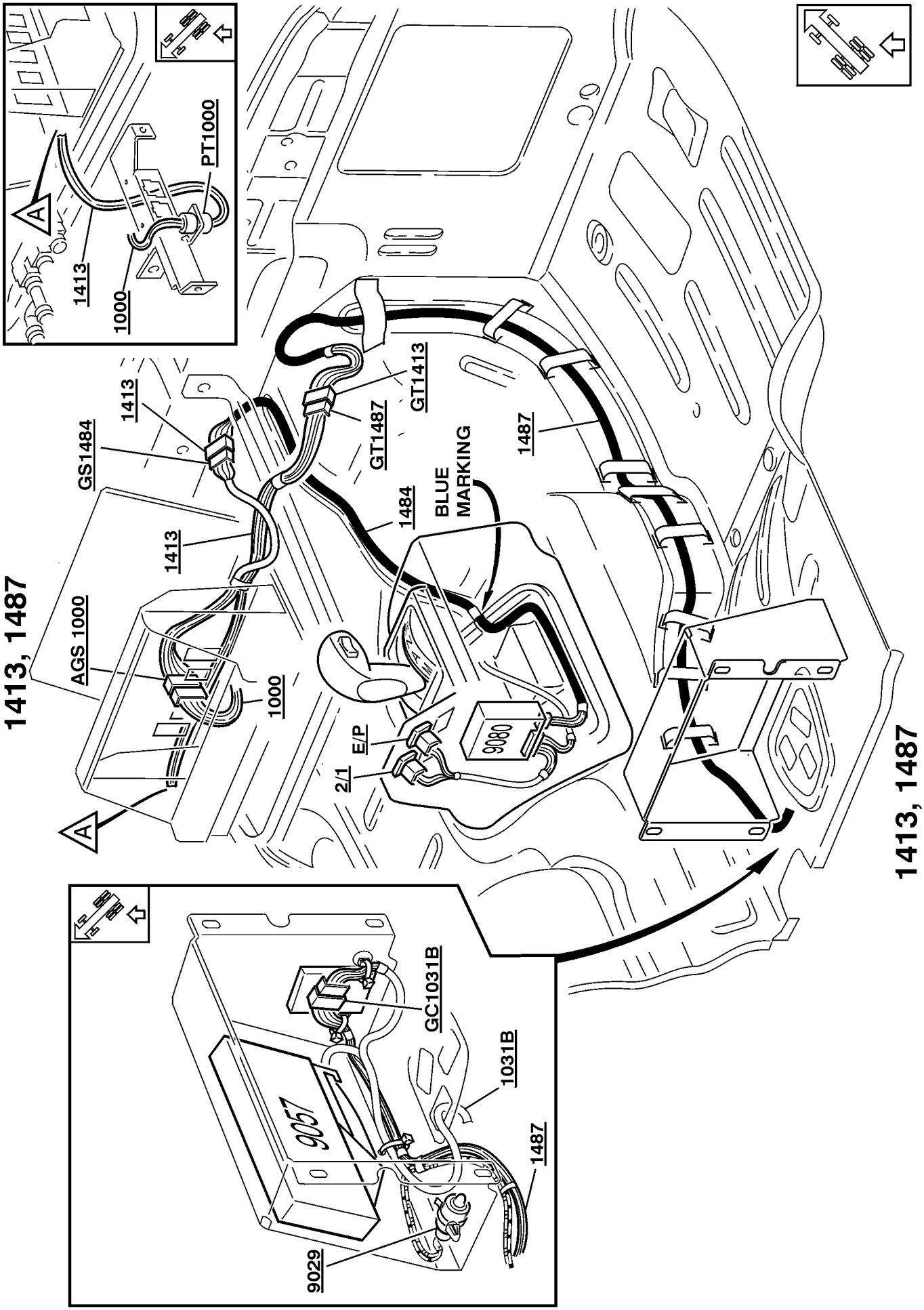


T3009715

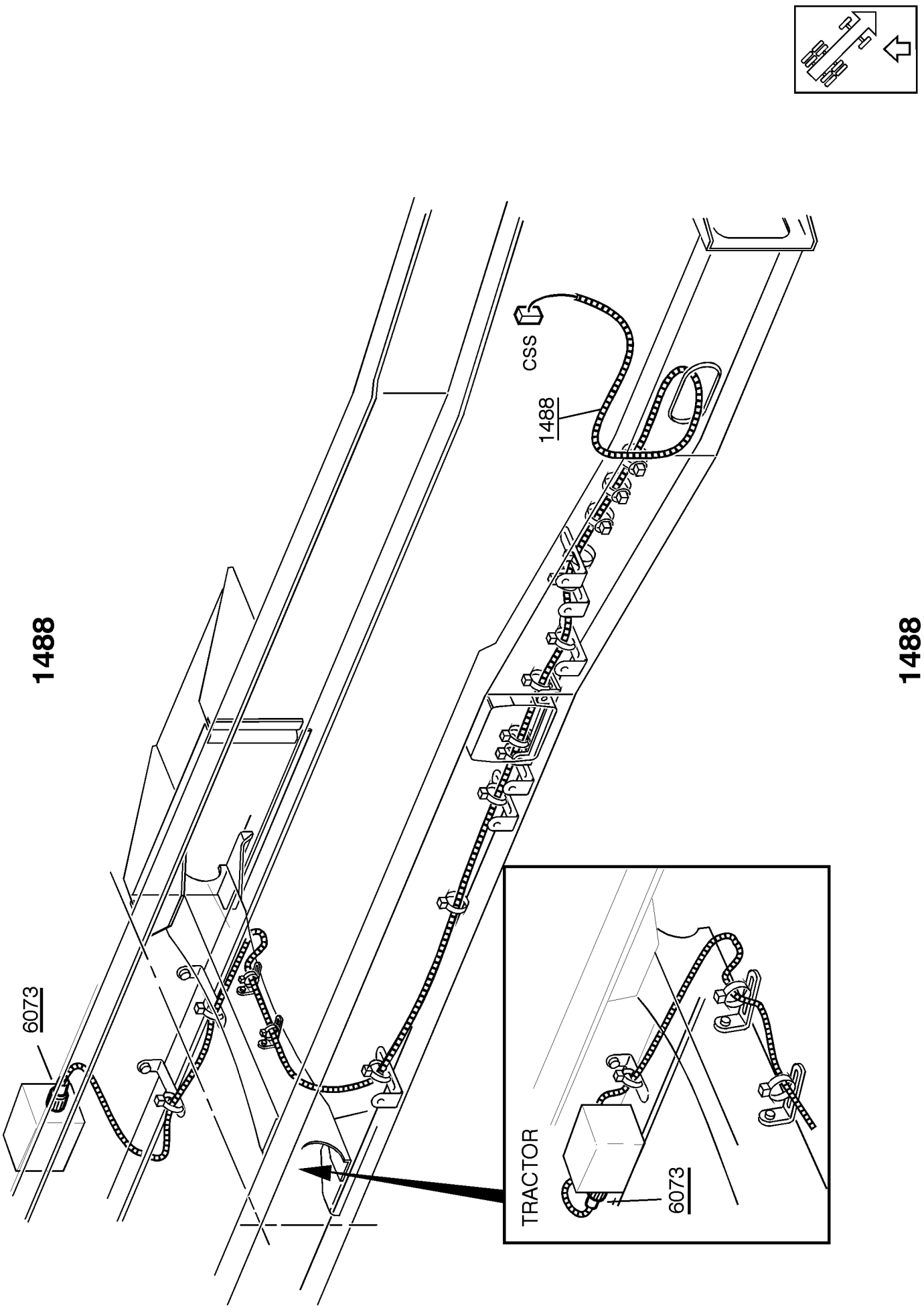

1476
614
217
762
1476
214
GSS-R
214
B
T3010817
1476



T3009717


1413, 1487
1413, 1487
A
1413
1000
PT1000
GS1484
1413
1413
AGS 1000
1000
GT1487
GT1413
1484
BLUE MARKING
1487
2/1
E/P
9080
GC1031B
1031B
1487
9029
9057

T3011760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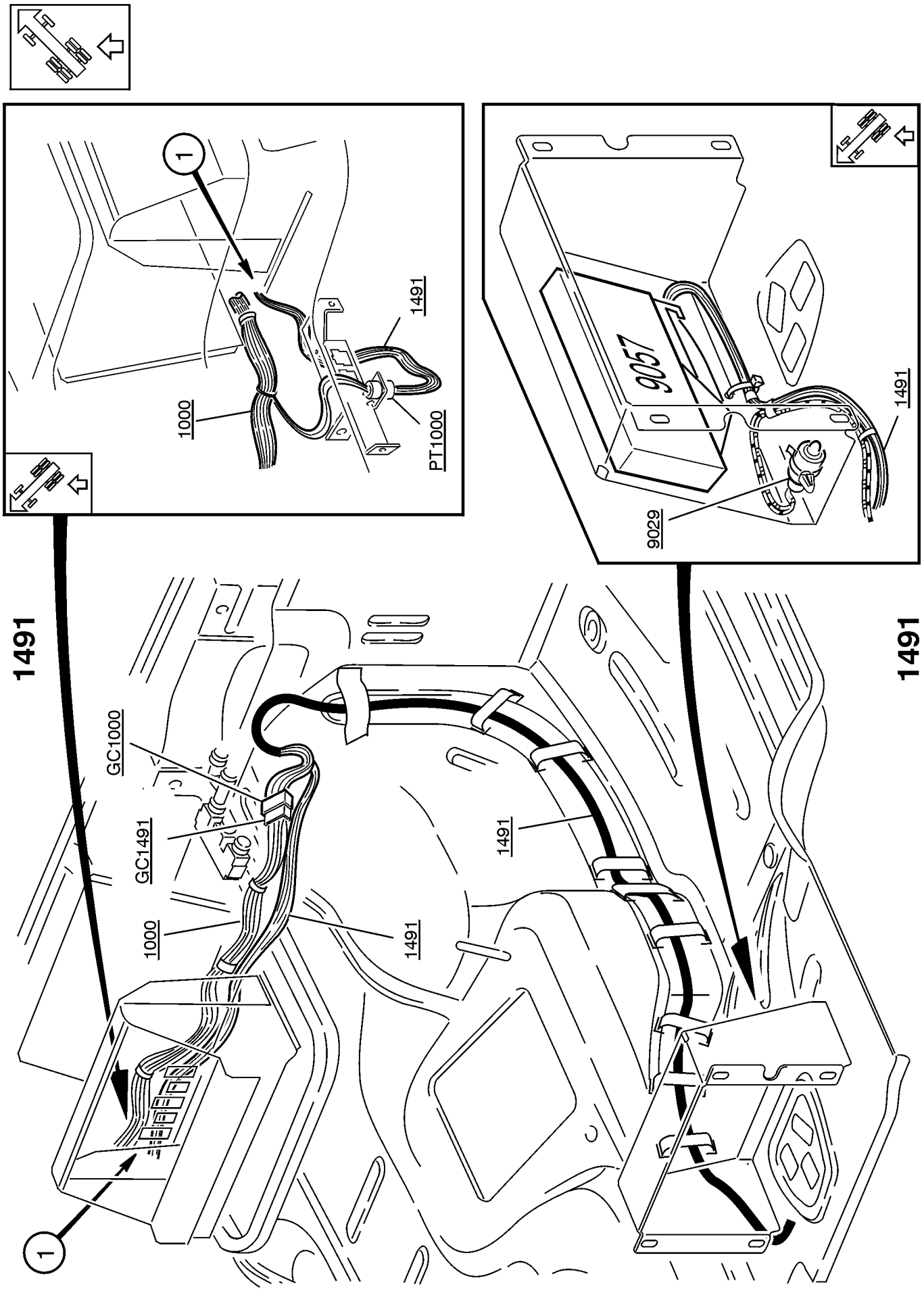
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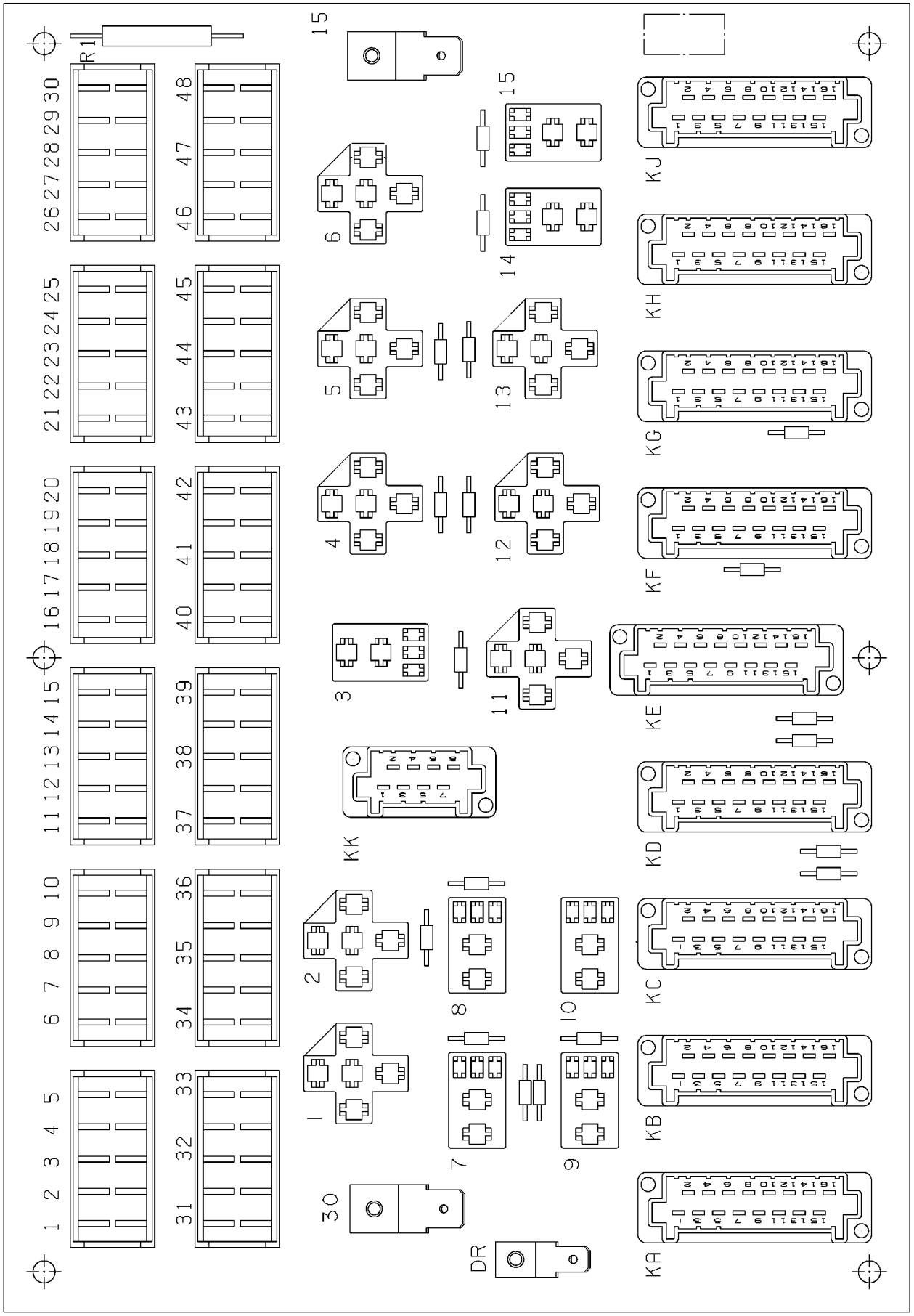
Circuit card electrical centre



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Fuses on circuit card electrical centre

FI	Air suspension/Hydralic bogielift (kl.DR)	(AA36)
F2	Range-,area-inhibitors, compressor control	(AC7)
F3	SRS airbag, Immobiliser	(AA32)
F4	Central door lock	(KH12)
F5	Interior light, timer	(ER16)(ES15)
F6	Brake light trailer	(CK17)
F7	Instrumentation (kl.30)	(NB4)(NZ3)
F8	Voltage divider for radio	(EX7)
F9	Brake light truck	(CK9)
F10	Spotlight	(CH5)(CI4)
F11	Fullbeam flash	(CE64)
F12	Air suspension (kl.30)	(ME45)(MF41)(MG26)
F13	El. heated rearview mirrors	(HG4)
F14	Preheating, relay ”radiopos.”	(AA12)
F15	Dipped beam lhs	(CE49)
F16	Fullbeam lhs, fullbeam ind. lamp	(CE51)
F17	Radiopos. startswitch	(AA43)
F18	Cooling fan control, preheat relay	(BJ51)(BL51)(BM51)
F19	Vehicle ECU	(AC19)
F20	Engine solenoid valves	(BJ41)(BL44)(BM41)
F21	Instrumentation, el. heated mirror relay (kl.61)	(NA60)
F22	DRL (day running light/Dimdip)	(CE41)
F23	El. heated airdryer	(HK5)
F24	Extra equipment ”XA”, relay bodybuilder fusebox (kl.15)	(XA9)
F25	El. adjustable mirrors	(HH12)
F26	Differential lock, power take off	(LG6)
F27	Electronic climate control	(HA3)
F28	Direction indicator, Instrumentation (kl.15)	(CN7)(PD19)
F29	Horn, solenoid valve for airhorn	(FA7)
F30	Cigarette lighter, centre section storagelamp	(EV8)
F31	Voltage divider for 12V. outlets	(EX14)
F32	Foglight, rear foglight	(CG6)
F33	Park. light truck lhs	(CE19)
F34	Park. light trailer lhs	(CE22)
F35	Bedlamps, luggage comp. lamp, bedlock	(ER46)(ES46)
F36	Park. light trailer rhs	(CE24)
F37	Park. light truck rhs	(CE26)
F38	Direction indicator, hazard warning light (kl.30)	(CN10)
F39	Dipped beam rhs	(CE53)
F40	Fullbeam rhs	(CE55)
F41	El. window winder, passenger side	(KA4)
F42	El. window winder, driver side	(KA22)
F43	Engine ECU	(BJ23)(BL23)(BM23)
F44	Revers light, revers warning alarm	(EA8)(PD8)
F45	Fan, climate unit	(HA6)
F46	El heated seat, park. heater	(HE6)
F47	Windscreen wiper	(GA30)
F48	Headlamp wiper, windscreen and headlamp washer	(GA16)

Relays on circuit card electrical centre

301 Relay, fog lights”9” ..... (CG5)

305 Relay, reversing lights”12” ..... (EA7)(PD6)

306 Relay, full beams”11” ..... (CE55)

307 Relay, dipped beams”3” ..... (CE48)

308 Relay, brake lights truck”8” ..... (CK8)

308B Relay, brake lights trailer”10” ..... (CK15)

309L Relay, parking lights lhs”1” ..... (CE19)

309R Relay, parking lights rhs”2” ..... (CE26)

315R Relay, starting switch”4” ..... (AA42)

343 Relay, rear fog lights”7” ..... (CG12)

348A Relay, fan,climate unit”13” ..... (HA6)

360 Relay, power take off inhibitor”14” ..... (LD3)(LE4)

379 Relay, fuel injection”5” ..... (AC17)

3005 Alternator-controlled relay”6” ..... (AA52)

3101 Relay, interior lamps”15” ..... (ER12)(ES12)

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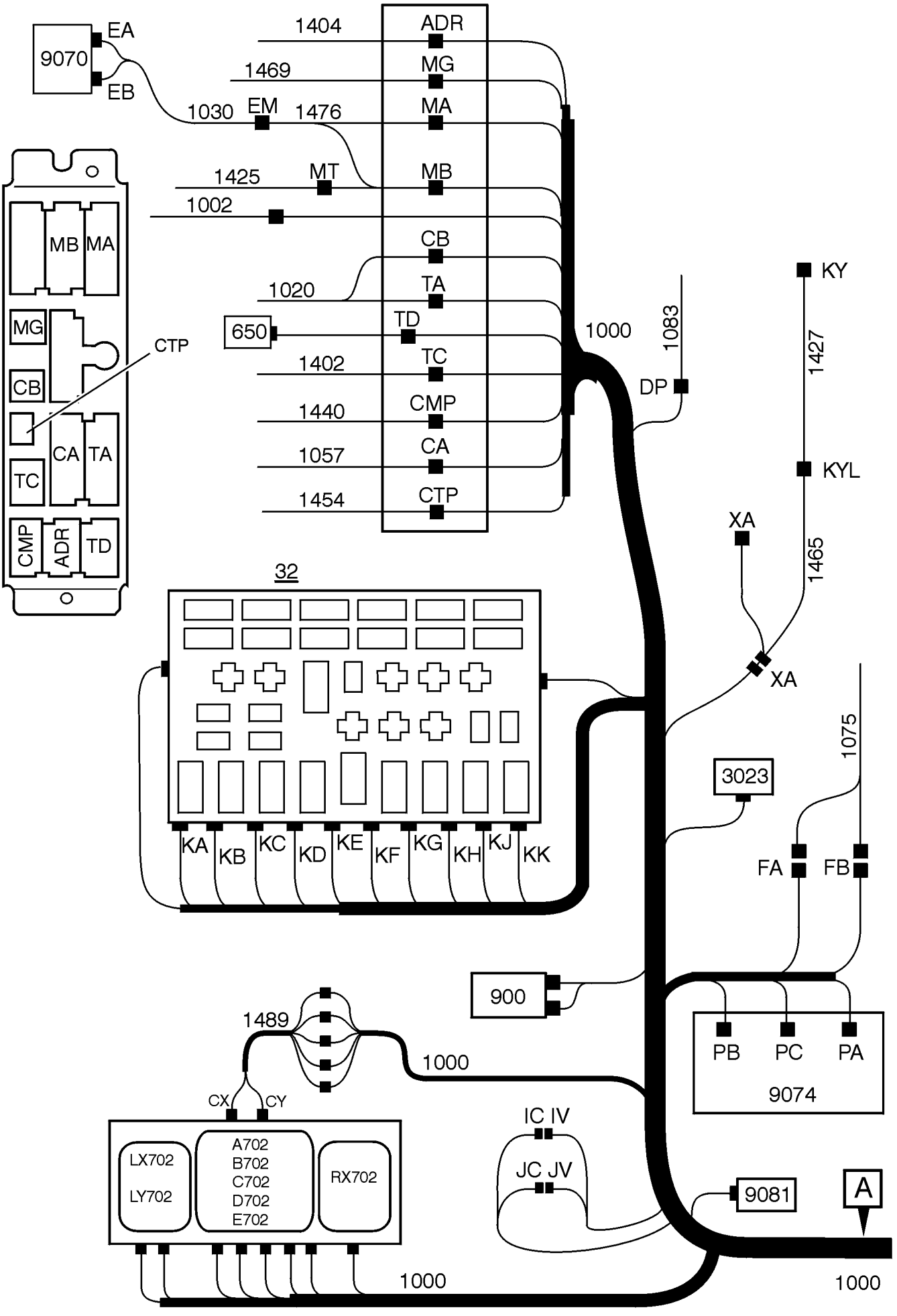
1491 Cable harness, compact retarder, ECU/cab ..... page 115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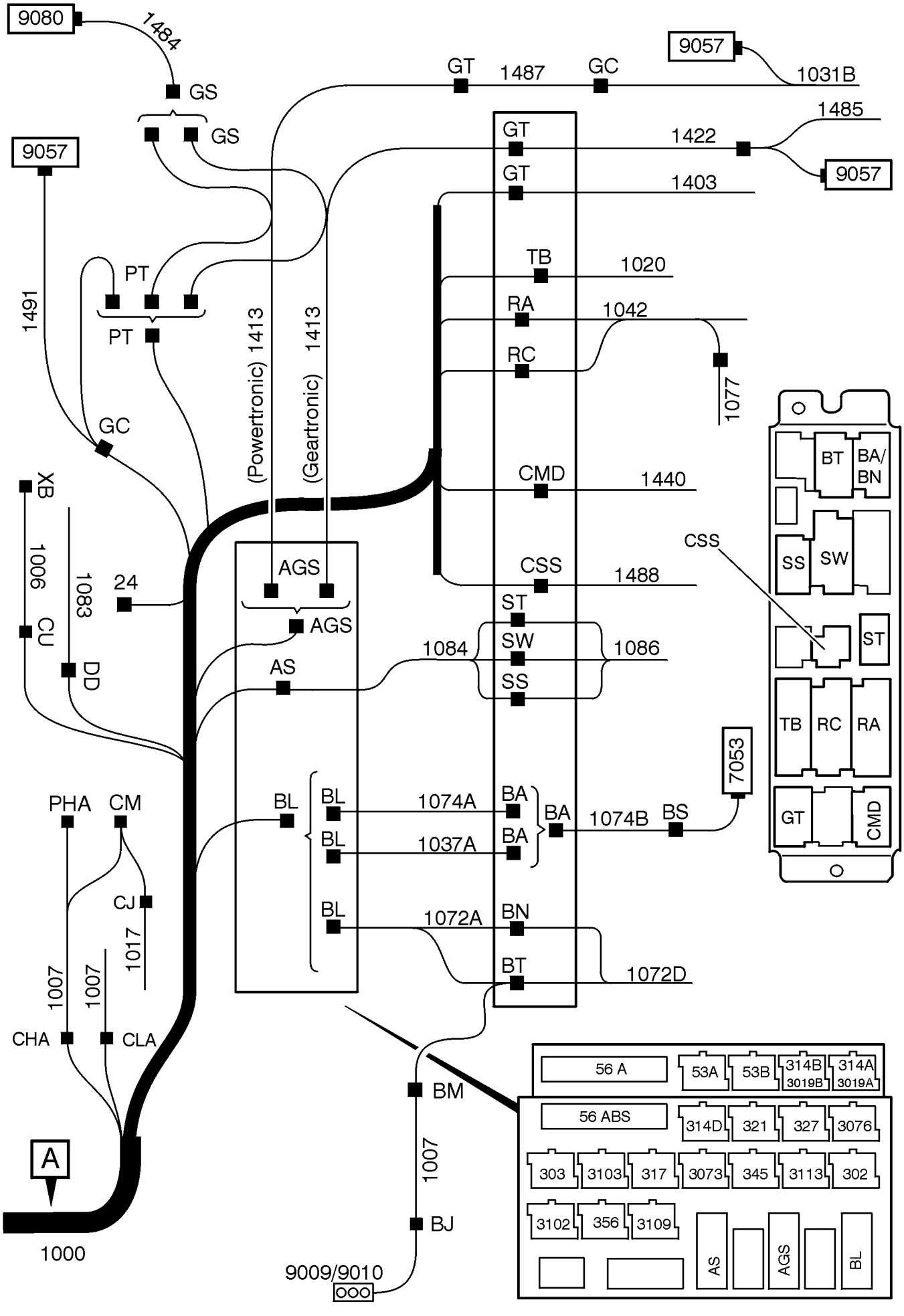
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T3011763

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List of components

24	Connector, socket/diagnostics (AC39)
24	Connector, socket/diagnostics (KE8)
24	Connector, socket/diagnostics (NX15)
24: 8	Connector, socket/diagnostics (ZA17)
26	Connector, gearbox (LP34)
30	Battery (ZA50)
30 A	Battery (AA8)
30 A	Battery (ZD4)
30 B	Battery (AA8)
30 B	Battery (ZD4)
32	Circuit card, electrical centre (AA4)
32	Circuit card, electrical centre (AA31)
32	Circuit card, electrical centre (AA32)
32	Circuit card, electrical centre (ZD21)
34	Connector (AA4)
34	Connector (TA8)
34	Connector (ZD21)
36	Connector, tail lamp junction box (CE22)
36	Connector, tail lamp junction box (CE24)
36	Connector, tail lamp junction box (CE60)
36	Connector, tail lamp junction box (CG19)
36	Connector, tail lamp junction box (CG21)
36	Connector, tail lamp junction box (CK14)
36	Connector, tail lamp junction box (CK17)
36	Connector, tail lamp junction box (CN5)
36	Connector, tail lamp junction box (CN7)
36	Connector, tail lamp junction box (CN12)
36	Connector, tail lamp junction box (CN17)
36	Connector, tail lamp junction box (EA18)
36	Connector, tail lamp junction box (PD16)
36	Connector, tail lamp junction box (XA43)
36	Connector, tail lamp junction box (XA47)
36	Connector, tail lamp junction box (XA54)
42	Joint sleeve (ZA19)
42	Joint sleeve (ZA34)
42	Joint sleeve (ZB4)
42	Joint sleeve (ZB5)
42	Joint sleeve (ZB54)
42 A	Joint sleeve (ZB14)
42 A	Joint sleeve (ZB46)
42 C	Joint sleeve (ZA27)
42 E	Joint sleeve (ZA45)
42 F	Joint sleeve (ZB41)
42 I 1:1	Joint sleeve (ZA3)
42 I 1:3B	Joint sleeve (ZA57)
42 I 2:4A	Joint sleeve (ZB43)
42 I 2:4B	Joint sleeve (ZB49)
42 I HEAT	Joint sleeve (ZB2)
42 MB	Joint sleeve (ZA42)
53 A	Fuse holder 3–unit (HM10)
53 A	Fuse holder 3–unit (HP4)
53 B	Fuse holder 3–unit (LO6)
53 B	Fuse holder 3–unit (LP7)
56 A	Fuse holder 6–unit (TA9)
56 A	Fuse holder 6–unit (XA18)
56 P	Fuse holder, 6–unit (XA31)
56 X	Fuse holder, 6–unit (XA44)
56 ABS	Fuse holder, 6–unit (OA14)
56 ABS	Fuse holder, 6–unit (OB12)
77	Plug socket, 7-unit (CE22)
77	Plug socket, 7–unit (CE24)
77	Plug socket, 7–unit (CE60)
77	Plug socket, 7–unit (CG21)
77	Plug socket, 7–unit (CK17)
77	Plug socket, 7–unit (CN5)
77	Plug socket, 7–unit (CN7)
77	Plug socket, 7–unit (ZB7)
78	Extra plug socket, 7–unit (CE58)
78	Extra plug socket, 7–unit (CG19)
78	Extra plug socket, 7–unit (EA18)
78	Extra plug socket, 7–unit (OA10)
78	Extra plug socket, 7–unit (OB10)
78	Extra plug socket, 7–unit (PD16)
78	Extra plug socket, 7–unit (XA43)
78	Extra plug socket, 7–unit (XA47)
78	Extra plug socket, 7–unit (XA54)
78	Extra plug socket, 7–unit (ZB8)
79	Plug socket, ABS/EBS (OA14)
79	Plug socket, ABS/EBS (OA18)
79	Plug socket, ABS/EBS (OA22)
79	Plug socket, ABS/EBS (OA3)
79	Plug socket, ABS/EBS (OA8)
79	Plug socket, ABS/EBS (OB13)
79	Plug socket, ABS/EBS (OB17)
79	Plug socket, ABS/EBS (OB21)
79	Plug socket, ABS/EBS (OB3)
79	Plug socket, ABS/EBS (OB8)
79:3	Plug socket, ABS/EBS (ZB18)
79:3	Plug socket, ABS/EBS (ZB26)
79:4	Plug socket, ABS/EBS (ZB13)
100	Switch, headlights (CE36)
101	Switch, full beams and dipped beams (CE61)
101	Switch, full beams and dipped beams (ZA57)
102	Switch, fog lights (CG21)
102	Switch, fog lights (ZA39)
103	Switch, spot lights (CH12)
103	Switch, spot lights (CI13)
103	Switch, spot lights (ZA60)
104	Switch, loading lights (ED9)
104	Switch, loading lights (ZA37)
109	Switch, hazard warning lights (CN17)
109	Switch, hazard warning lights (ZA39)
111 DD	Switch, window winder (KA27)
111 DP	Switch, window winder (KA8)
111 P	Switch, window winder (KA16)
111 DD	Switch, window winder (ZA48)
111 DP	Switch, window winder (ZA48)
111 P	Switch, window winder (ZB38)
112	Switch, air conditioning (HA19)
112	Switch, air conditioning (ZA57)
112 ATC	Switch, air conditioning (HA5)
112 ATC	Switch, air conditioning (ZA57)
116 A	Switch, interior light (ES27)
116 A	Switch, interior light (ZA33)
116 B	Switch, interior light (ER36)
116 B	Switch, interior light (ES35)
116 B	Switch, interior light (ZA26)
118	Switch, fan (HA13)
119	Switch, windscreen wiper (GA25)
123	Switch, heated rearview mirror (HG12)
123	Switch, heated rearview mirror (ZA39)
125	Switch, exhaust brake (AC45)
125	Switch, exhaust brake (ZB48)
126	Switch, diff. lock wheels, rear (LG14)
127	Switch, diff. lock inter axles (LG6)
127	Switch, diff. lock inter axles (ZB49)
132	Switch, roof sign light (EJ4)
132	Switch, roof sign light (EK4)
132	Switch, roof sign light (ZA39)
133	Switch, bogie lift (MA5)

133	Switch, bogie lift (MD4)
133	Switch, bogie lift (ME40)
133	Switch, bogie lift (ZB57)
144	Switch, battery master switch (AA8)
144	Switch, battery master switch (ZA7)
144	Switch, battery master switch (ZA50)
144 ADR	Switch, battery master switch (ZD10)
147	Switch, direction indicators (CN7)
149	Switch, horn (FA6)
149	Switch, horn (ZA61)
150	Switch, starting switch (AA15)
157	Switch, air horn (FA9)
157	Switch, air horn (ZA62)
172	Switch, extra (TA5)
1101	Switch, parking heater (ZE24)
1105	Switch, levelling control, headlights (PA10)
1105	Switch, levelling control, headlights (ZA58)
1107	Switch, door lock (KH16)
1122	Switch, retarder (AC52)
1122	Switch, retarder (ZB50)
1132 D	Switch, el. operated rearview mirror (HH11)
1132 D	Switch, el. operated rearview mirror (ZA48)
1132 P	Switch, el. operated rearview mirror (HH4)
1132 P	Switch, el. operated rearview mirror (ZA47)
1134	Switch, reverse warner (EA25)
1134	Switch, reverse warner (ZA39)
1135	Switch, cruise control (AC40)
1146	Switch, snooze function/radio (ER36)
1146	Switch, snooze function/radio (ES39)
1146	Switch, snooze function/radio (ZA30)
1147 A	Switch, cab tilt pump (HP11)
1147 A	Switch, cab tilt pump (ZB52)
1147 B	Switch, cab tilt pump (HP4)
1149 1	Switch, PTO (LD7)
1149 1	Switch, PTO (LE8)
1149 1	Switch, PTO (ZA61)
1149 2	Switch, PTO (LE18)
1149 2	Switch, PTO (ZA61)
1150	Switch, fuel filter heater (HM7)
1150	Switch, fuel filter heater (ZA64)
1152	Switch, multi-function display (NA33)
200	Break contact, warning light, parking brake (NB55)
200	Break contact, warning light, parking brake (NZ54)
200	Break contact, warning light, parking brake (ZB43)
205 D	Break contact, interior light (ER5)
205 D	Break contact, interior light (ES5)
205 P	Break contact, interior light (ER16)
205 P	Break contact, interior light (ES17)
205 P	Break contact, interior light (ZB41)
207	Closing contact, indicator light, diff. lock, rear wheels (LG18)
207	Closing contact, indicator light, diff. lock, rear wheels (ZB16)
207 R	Closing contact, indicator light, diff. lock, rear wheels (LG14)
207 R	Closing contact, indicator light, diff. lock, rear wheels (ZB11)
211	Closing contact, indicator light, bogie lift (MA15)
211	Closing contact, indicator light, bogie lift (MD27)
214	Closing contact, indicator light, low split (NB49)
214	Closing contact, indicator light, low split (NZ48)
214	Closing contact, indicator light, low split (ZA42)
216 A	Closing contact, brake lights (CK8)
216 A	Closing contact, brake lights (ZB46)
216 B	Closing contact, brake lights (CK4)
216 B	Closing contact, brake lights (ZB46)
216 C	Closing contact, brake lights (CK4)
217	Closing contact, reversing lights (EA3)
217	Closing contact, reversing lights (PD3)
217	Closing contact, reversing lights (ZA42)
218	Break contact, exh-pressure governor (AC16)
218	Break contact, exh-pressure governor (ZB43)
223	Slip contact, horn (FA7)
223	Slip contact, horn (ZA63)
228 L	Closing contact, cab lock (NA40)
228 L	Closing contact, cab lock (ZA34)
228 R	Closing contact, cab lock (NA42)
228 R	Closing contact, cab lock (ZA34)
258	Break contact, thermal, bogie lift (ZA54)
2003	Thermostat, parking heater (HB11)
2003	Thermostat, parking heater (ZB6)
2003	Thermostat, parking heater (ZE11)
2004 L	Break contact, lighting luggage compartment (ER53)
2004 L	Break contact, lighting luggage compartment (ES60)
2004 R	Break contact, lighting luggage compartment (ER56)
2004 R	Break contact, lighting luggage compartment (ES62)
2007	Break contact, clutch pedal (AC34)
2008	Break contact, brake pedal (AC32)
2018	Contact, oil pressure, power steering (NB35)
2018	Contact, oil pressure, power steering (NZ35)
2018	Contact, oil pressure, power steering (ZA21)
2019	Contact, lock, seat belt (NB46)
2019	Contact, lock, seat belt (NZ47)
2019 L	Contact, lock, seat belt (ZA28)
2020	Contact, bunk lock (ZA47)
2020 L	Contact, bunk lock (ES54)
2020 R	Contact, bunk lock (ES53)
2067	Closing contact, indicator lamp/air pressure (LO34)
2074	Contact, low range (AC9)
301	Relay, fog lights (CG5)
302	Relay, spot lights (CH5)
302	Relay, spot lights (CI4)
303	Relay, loading lights (ED6)
303	Relay, loading lights (ZB49)
305	Relay, reversing lights (EA7)
305	Relay, reversing lights (PD6)
306	Relay, full beams (CE55)
307	Relay, dipped beams (CE48)
308	Relay, brake lights (CK8)
308 B	Relay, brake lights (CK15)
309 L	Relay, parking lights (CE19)
309 L	Relay, parking lights (ZB62)
309 R	Relay, parking lights (CE26)
309 R	Relay, parking lights (ZB62)
312	Relay, starting heater (BJ51)
312	Relay, starting heater (BL51)
312	Relay, starting heater (BM51)
313	Relay, bogie lift motor (MA23)
313	Relay, bogie lift motor (MD33)
314 A	Relay, bogie lift (MA15)
314 A	Relay, bogie lift (MD19)
314 A	Relay, bogie lift (ZB58)
314 B	Relay, bogie lift (MD27)
314 B	Relay, bogie lift (ZB54)
314 D	Relay, bogie lift (MD9)
314 D	Relay, bogie lift (ZB57)
315	Relay, starting switch (ZB62)
315 R	Relay, starting switch (AA42)
317	Relay, headlamp wiper (GA16)

317	Relay, headlamp wiper (ZB43)
321	Relay, interval wipe (GA27)
323	Relay, flasher unit (CN3)
323	Relay, flasher unit (ZB36)
326 X	Relay, extra fuse holder (XA14)
326 X	Relay, extra fuse holder (ZB49)
327	Relay, heated rearview mirror (HG4)
343	Relay, fog lights, rear (CG12)
343 B	Relay, fog lights, rear (CG28)
343 B	Relay, fog lights, rear (ZA35)
345	Relay, start inibitor (LO12)
345	Relay, start inibitor (LP13)
348 A	Relay, fan (HA6)
348 A	Relay, fan (ZB64)
348 B	Relay, fan (HB37)
348 B	Relay, fan (ZB2)
348 B	Relay, fan (ZE32)
360	Relay, engage inhibitor, power take-off (LD3)
360	Relay, engage inhibitor, power take-off (LE4)
360	Relay, engage inhibitor, power take-off (ZB61)
365 D	Relay, electrical window winder, up (KA22)
365 D	Relay, electrical window winder, up (ZB33)
365 P	Relay, electrical window winder, up (KA3)
365 P	Relay, electrical window winder, up (ZB33)
366 D	Relay, electrical window winder, down (KA32)
366 D	Relay, electrical window winder, down (ZB33)
366 P	Relay, electrical window winder, down (KA14)
366 P	Relay, electrical window winder, down (ZB33)
379	Relay, injection pump (AC17)
397	Relay, retarder 1 (OG12)
398	Relay, retarder 2 (OG5)
398	Relay, retarder 2 (ZA24)
3005	Alternator-controlled relay (AA52)
3005	Alternator-controlled relay (ZB64)
3017	Time relay, axle-load limiter (MD16)
3017	Time relay, axle-load limiter (ZB54)
3018	Relay, control unit parking heater (HC5)
3019 A	Relay box, air suspension (ME26)
3019 A	Relay box, air suspension (MF26)
3019 A	Relay box, air suspension (MG13)
3019 B	Relay box, air suspension (ME45)
3019 B	Relay box, air suspension (MF41)
3019 B	Relay box, air suspension (MG26)
3023	Relay, information ABS (CL12)
3023	Relay, information ABS (OA13)
3023	Relay, information ABS (OB12)
3023	Relay, information ABS (ZB15)
3023	Relay, information ABS (ZB24)
3023	Relay, information ABS (ZB50)
3025 A	Relay, indicator lamp ABS (OA10)
3025 A	Relay, indicator lamp ABS (OB10)
3025 B	Relay, indicator lamp ABS (OA6)
3025 B	Relay, indicator lamp ABS (OB6)
3030	Relay, stop (PD21)
3048	Relay, dim–dip (CE43)
3048	Relay, dim–dip (ZB64)
3073	Relay, Geartronic 1 (LO4)
3073	Relay, Geartronic 1 (LP5)
3073	Relay, Geartronic 1 (ZA12)
3075	Relay, central lock (KH12)
3075	Relay, central lock (ZA53)
3076	Relay, adjustable seat (ZA55)
3101	Relay, interior lighting (ER12)
3101	Relay, interior lighting (ES12)
3101	Relay, interior lighting (ZB61)
3102	Relay, cab tilt pump (HP4)
3103	Relay, fuel filter heater (HM7)
3109	Relay, range restriction (AC11)
3111	Relay, refrigerator (TA13)
3113	Relay, Central lubrication system (TB4)
3113	Relay, Central lubrication system (ZB50)
400 L	Bulb, full beams and dipped beams (CE49)
400 L	Bulb, full beams and dipped beams (ZA21)
400 R	Bulb, full beams and dipped beams (CE53)
400 R	Bulb, full beams and dipped beams (ZB2)
401 L	Bulb, fog lights (CG6)
401 L	Bulb, fog lights (ZA19)
401 R	Bulb, fog lights (CG8)
401 R	Bulb, fog lights (ZB4)
402 L	Bulb, spot lights (CH5)
402 L	Bulb, spot lights (CI4)
402 L	Bulb, spot lights (ZA21)
402 R	Bulb, spot lights (CH6)
402 R	Bulb, spot lights (CI5)
402 R	Bulb, spot lights (ZB6)
403	Bulb, loading light (ED6)
403	Bulb, loading light (ZA36)
404	Bulb, fifth wheel light (ED3)
404	Bulb, fifth wheel light (ZA36)
405 L	Bulb, reversing lights (EA7)
405 L	Bulb, reversing lights (PD6)
405 L	Bulb, reversing lights (ZB16)
405 R	Bulb, reversing lights (EA8)
405 R	Bulb, reversing lights (PD8)
405 R	Bulb, reversing lights (ZB21)
408	Bulb, parking light, left front (CE14)
408/409	Bulb, parking light, left front (ZA19)
408/409	Bulb, parking light, left front (ZB6)
409	Bulb, parking light, right front (CE32)
410	Bulb, brake light, left (CK9)
410	Bulb, brake light, left (ZB14)
411	Bulb, brake light, right (CK12)
411	Bulb, brake light, right (ZB19)
412	Bulb, tail light, left (CE18)
412	Bulb, tail light, left (ZB14)
413	Bulb, tail light, right (CE26)
413	Bulb, tail light, right (ZB19)
414	Bulb, side marker light, left, front (CE12)
414	Bulb, side marker light, left, front (ZA19)
415	Bulb, side marker light, right, front (CE34)
415	Bulb, side marker light, right, front (ZB6)
416	Bulb, side marker light, left, centre (CE17)
416	Bulb, side marker light, left, centre (ZB15)
417	Bulb, side marker light, right, centre (CE29)
417	Bulb, side marker light, right, centre (ZB20)
420	Bulb, position light, roof, left (CE37)
420	Bulb, position light, roof, left (ZA36)
421	Bulb, position light, roof, right (CE9)
421	Bulb, position light, roof, right (ZA35)
422	Bulb, dir. indicator, left, front (CN9)
422/423	Bulb, dir. indicator, left, front (ZA21)
422/423	Bulb, dir. indicator, left, front (ZB4)
423	Bulb, dir. indicator, right, front (CN10)
426	Bulb, dir. indicator, left, rear (CN14)
426	Bulb, dir. indicator, left, rear (ZB16)
427	Bulb, dir. indicator, right, rear (CN15)
427	Bulb, dir. indicator, right, rear (ZB21)
429	Bulb, cigarette lighter lighting (EV10)
430	Bulb, licence plate light (CE28)
430	Bulb, licence plate light (ZB19)
433 D	Bulb, instep light (ER4)
433 D	Bulb, instep light (ES4)
433 D	Bulb, instep light (ZA44)
433 P	Bulb, instep light (ER19)

433 P	Bulb, instep light (ES19)
433 P	Bulb, instep light (ZB41)
434 C	Bulb, interior light (ER25)
434 C	Bulb, interior light (ES31)
434 C	Bulb, interior light (ZA29)
434 L	Bulb, interior light (ER8)
434 L	Bulb, interior light (ES8)
434 L	Bulb, interior light (ZA26)
434 L	Bulb, interior light (ZA44)
434 R	Bulb, interior light (ER13)
434 R	Bulb, interior light (ES13)
434 R	Bulb, interior light (ZA26)
434 R	Bulb, interior light (ZA44)
435 LC	Bulb, bunk light (ES23)
435 LC	Bulb, bunk light (ZA40)
435 LL	Bulb, bunk light (ER43)
435 LL	Bulb, bunk light (ES40)
435 LL	Bulb, bunk light (ZA27)
435 LU	Bulb, bunk light (ES36)
435 LU	Bulb, bunk light (ZA27)
435 RC	Bulb, bunk light (ES27)
435 RC	Bulb, bunk light (ZA42)
435 RL	Bulb, bunk light (ER46)
435 RL	Bulb, bunk light (ES43)
435 RL	Bulb, bunk light (ZA29)
435 RU	Bulb, bunk light (ES46)
435 RU	Bulb, bunk light (ZA29)
437 C	Bulb, identification light, front (CE3)
437 C	Bulb, identification light, front (ZA32)
437 L	Bulb, identification light, front (CE3)
437 L	Bulb, identification light, front (ZA32)
437 R	Bulb, identification light, front (CE3)
437 R	Bulb, identification light, front (ZA32)
440	Bulb, heater control light (CE39)
440	Bulb, heater control light (ZB52)
447	Bulb, ashtray light (EV13)
447	Bulb, ashtray light (ZA25)
451	Bulb, rear fog light, left (CG13)
451	Bulb, rear fog light, left (ZB14)
452	Bulb, rear fog light, right (CG15)
452	Bulb, rear fog light, right (ZB19)
468	Fluorescent tube, roof lighting (EJ14)
468 L	Fluorescent tube, roof lighting (EK14)
468 R	Fluorescent tube, roof lighting (EK14)
4052 L	Combination lamp, rear (ZB14)
4052 R	Combination lamp, rear (ZB19)
4057	Lighting, storage compartment (ER53)
4057	Lighting, storage compartment (ES60)
500	Indicator light, dir. indicator, tractor (NB39)
500	Indicator light, dir. indicator, tractor (NZ39)
501	Indicator light, dir. indicator, trailer 1 (NB41)
501	Indicator light, dir. indicator, trailer 1 (NZ41)
504	Indicator light, full beams (NB44)
504	Indicator light, full beams (NZ45)
508	Warning light, parking brake (NB55)
508	Warning light, parking brake (NZ54)
510	Indicator light, diff. lock, rear wheels (NB36)
510	Indicator light, diff. lock, rear wheels (NZ36)
511	Indicator light, diff. lock, inter-axles (NB38)
511	Indicator light, diff. lock, inter-axles (NZ38)
547	Central warning for indicator and warning lights (NB42)
547	Central warning for indicator and warning lights (NZ44)
5009	Indicator lamp, vehicle, ABS (NB52)
5009	Indicator lamp, vehicle, ABS (NZ51)
5010	Indicator lamp, trailer, ABS (NB54)
5010	Indicator lamp, trailer, ABS (NZ53)
5014	Indicator lamp, split (NB49)
5014	Indicator lamp, split (NZ48)
5032	Warning lamp, seat belt (NB46)
5032	Warning lamp, seat belt (NZ47)
5035	Warning lamp, steering servo circuit 2 (PSS-DUAL) (NB35)
5035	Warning lamp, steering servo circuit 2 (PSS-DUAL) (NZ35)
600 B	Solenoid valve, exhaust brake (BL44)
601	Solenoid valve, diff. lock, rear wheels (LG7)
601	Solenoid valve, diff. lock, rear wheels (ZB46)
602	Solenoid valve, diff. lock inter axles (LG5)
602	Solenoid valve, diff. lock inter axles (ZB47)
603	Solenoid valve, engine shut-down (BJ26)
603	Solenoid valve, engine shut-down (BM26)
606	Solenoid valve, bogie lift, up (MA5)
606	Solenoid valve, bogie lift, up (MD5)
606	Solenoid valve, bogie lift, up (ZA54)
614	Solenoid valve, range inhibitor (AC7)
626	Solenoid valve, exh. pressure governor (BJ41)
626	Solenoid valve, exh. pressure governor (BL42)
626	Solenoid valve, exh. pressure governor (BM41)
638	Solenoid valve, injection pump (BM46)
650	Windscreen wiper motor (GA29)
650	Windscreen wiper motor (ZA22)
651	Windscreen washer motor (GA3)
651	Windscreen washer motor (ZA40)
652 L	Headlamp wiper motor (GA15)
652 L	Headlamp wiper motor (ZA19)
652 R	Headlamp wiper motor (GA19)
652 R	Headlamp wiper motor (ZB4)
653	Headlamp washer motor (GA9)
653	Headlamp washer motor (ZA40)
654	Starter motor (AA14)
654	Starter motor (ZA52)
654	Starter motor (ZD16)
656	Bogie lift motor (MA23)
656	Bogie lift motor (MD33)
657	Fan (heater) (HA17)
657	Fan (heater) (ZB16)
657 ATC	Fan (heater) (HA17)
660	Alternator with charging regulator (AA22)
660	Alternator with charging regulator (ZA56)
660	Alternator with charging regulator (ZD21)
661 D	Window winder motor (KA26)
661 P	Window winder motor (KA9)
6013 LF	Solenoid control valve, ABS (OA29)
6013 LF	Solenoid control valve, ABS (OB31)
6013 LF	Solenoid control valve, ABS (ZA7)
6013 LR	Solenoid control valve, ABS (OA45)
6013 LR	Solenoid control valve, ABS (OB46)
6013 LR	Solenoid control valve, ABS (ZA10)
6013 RF	Solenoid control valve, ABS (OA37)
6013 RF	Solenoid control valve, ABS (OB38)
6013 RF	Solenoid control valve, ABS (ZA8)
6013 RR	Solenoid control valve, ABS (OA53)
6013 RR	Solenoid control valve, ABS (OB54)
6013 RR	Solenoid control valve, ABS (ZA11)
6018	Solenoid valve, retarder (LP60)
6018	Solenoid valve, retarder (OG19)
6024	Solenoid valve, pto (LD6)
6024	Solenoid valve, pto (LP32)
6024	Solenoid valve, pto (ZB44)
6024 A	Solenoid valve, pto (LE8)
6024 A	Solenoid valve, pto (ZB44)
6024 B	Solenoid valve, pto (LE18)

6024 B	Solenoid valve, pto (ZB44)
6025	Solenoid valve, low range (LO59)
6026	Solenoid valve, high range (LO58)
6027	Solenoid valve, clutch disengaged, slow (LO45)
6028	Solenoid valve, clutch disengaged, fast (LO47)
6029	Solenoid valve, clutch engaged, fast (LO48)
6035 C	Solenoid valve, level control, electronic (ME13)
6035 C	Solenoid valve, level control, electronic (MF13)
6035 C	Solenoid valve, level control, electronic (MG7)
6035 LF	Solenoid valve, level control, electronic (ME8)
6035 LF	Solenoid valve, level control, electronic (MF8)
6038	Solenoid valve, clutch, slow (LO44)
6039	Solenoid valve, low split (LO63)
6040	Solenoid valve, high split (LO62)
6045	Solenoid valve, trailing axle (ME21)
6048 A	Solenoid valve block, gearbox (LO28)
6048 B	Solenoid valve block, gearbox (LO53)
6050	Solinoid valve, range restriction (AC12)
6050	Solinoid valve, range restriction (ZA42)
6052	Fan motor, parking heater (HB13)
6054	Fuel pump, parking heater (HB2)
6054	Fuel pump, parking heater (ZE2)
6056	Motor, levelling control, headlights (PA10)
6056	Motor, levelling control, headlights (PA4)
6058 D	Motor, door lock (KH16)
6058 D	Motor, door lock (ZA45)
6058 P	Motor, door lock (KH5)
6058 P	Motor, door lock (ZB41)
6070	Motor, cab tilt pump (HP4)
6070	Motor, cab tilt pump (ZA8)
6071	Injection pump (BJ45)
6071	Injection pump (BM45)
6072	Unit injectors, UI (BL29)
6073	Pump, chassis lubrication, automatic (TB6)
6073	Pump, chassis lubrication, automatic (ZA51)
6103	Solenoid valve, compressor (AC4)
702	Combined instrument (NA4)
702	Combined instrument (NB6)
702	Combined instrument (NC3)
702	Combined instrument (NZ15)
702 B	Combined instrument (ZD35)
702 A5	Combined instrument (ZA5)
702 A6	Combined instrument (ZA11)
753 A	Engine, speed sensor (BJL6)
753 A	Engine, speed sensor (BL6)
753 A	Engine, speed sensor (BM6)
753 B	Engine, speed sensor (BJ9)
753 B	Engine, speed sensor (BL9)
754	Pressure sensor air (AC19)
754	Pressure sensor air (OG20)
756	Temperature sensor, coolant (BJ26)
756	Temperature sensor, coolant (BL21)
756	Temperature sensor, coolant (BM26)
757	Fuel gauge sensor (NA18)
758	Gearbox, speed sensor (LO61)
759	Level indicator, coolant (BJ17)
759	Level indicator, coolant (BL17)
759	Level indicator, coolant (BM17)
762	Oil temperature sensor, gearbox (LO37)
767	Oil temperature sensor, torque converter (LP30)
7004	Refrigerator (TA15)
7008	Air-operated horn (FA4)
7009	Alarm clock/timer (ER29)
7009	Alarm clock/timer (ES32)
7009	Alarm clock/timer (HB30)
7009	Alarm clock/timer (ZA27)
7010	Display, monitor, Dynafleet (NX9)
7052	Sensor, speedometer (NB20)
7052	Sensor, speedometer (NZ10)
7052 B	Sensor, speedometer (LP57)
7053	Inductive sensor, bogie lift (MD9)
7053	Inductive sensor, bogie lift (ZB55)
7057 LF	Sensor, wheel speed (OA26)
7057 LF	Sensor, wheel speed (OB27)
7057 LR	Sensor, wheel speed (OA42)
7057 LR	Sensor, wheel speed (OB43)
7057 RF	Sensor, wheel speed (OA34)
7057 RF	Sensor, wheel speed (OB35)
7057 RR	Sensor, wheel speed (OA50)
7057 RR	Sensor, wheel speed (OB51)
7058 ATC	Sensor, inner temperature (HA22)
7059	Sensor, outer temperature (NA26)
7060 SEROT	Sensor, temperature, retarder (OG25)
7060 SERWT	Sensor, temperature, retarder (OG28)
7064	Sensor, air pressure-air suspension (ME25)
7065	Sensor, accelerator pedal (AC22)
7065 A	Sensor, accelerator pedal (AC28)
7068	Sensor, clutch position (LO40)
7069	Sensor, battery charging (NA29)
7072 LF	Sensor, level control (ME11)
7072 LF	Sensor, level control (MF11)
7072 LR	Sensor, level control (ME16)
7072 LR	Sensor, level control (MF16)
7072 RR	Sensor, level control (ME21)
7072 RR	Sensor, level control (MF21)
7072 RR	Sensor, level control (MG8)
7073	Sensor, needle indicator (BJ13)
7077	Sensor, gear position (LO49)
7078	Sensor, gear position (rear position) (LO52)
7079	Sensor, split position (LO55)
7080	Sensor, range position (LO58)
7081	Sensor, boost pressure and boost temperature (BJ18)
7081	Sensor, boost pressure and boost temperature (BL13)
7081	Sensor, boost pressure and boost temperature (BM18)
7082	Sensor, oil pressure and oil temperature (BJ29)
7082	Sensor, oil pressure and oil temperature (BL23)
7082	Sensor, oil pressure and oil temperature (BM29)
7083	Sensor, fuel pressure and fuel pump (BJ3)
7083	Sensor, fuel pressure and fuel pump (BL3)
7083	Sensor, fuel pressure and fuel pump (BM3)
7084	Sensor, air filter pressure and air filter temperature (BJ8)
7084	Sensor, air filter pressure and air filter temperature (BL8)
7084	Sensor, air filter pressure and air filter temperature (BM8)
800	Starting heater (BJ57)
800	Starting heater (BL57)
800	Starting heater (BM57)
800	Starting heater (ZA58)
802 L	Heated rearview mirror (HG4)
802 L	Heated rearview mirror (ZB24)
802 R	Heated rearview mirror (HG8)
802 R	Heated rearview mirror (ZA27)
803	Heated seat (HE7)
803	Heated seat (HE12)
803 L	Heated seat (ZA30)
803 R	Heated seat (ZA32)
804	Cigarette lighter (ER49)
804	Cigarette lighter (ES49)

804	Cigarette lighter (EV8)
804	Cigarette lighter (ZA25)
804	Cigarette lighter (ZA29)
805	Rheostat (NB19)
805	Rheostat (NZ20)
810	Heated air dryer (HK5)
810	Heated air dryer (ZB26)
812 D	El. operated rearview mirror (HH10)
812 P	El. operated rearview mirror (HH4)
850	Horn (FA7)
853	Buzzer (LS15)
858	Buzzer, reverse warner (EA21)
858	Buzzer, reverse warner (EA24)
858	Buzzer, reverse warner (EA27)
858	Buzzer, reverse warner (ZB12)
858	Buzzer, reverse warner (ZB17)
858	Buzzer, reverse warner (ZB22)
8001	Inductor, sign lighting (EJ8)
8001	Inductor, sign lighting (EK8)
8001	Inductor, sign lighting (ZA38)
8015 L	El. operated seat (ZA30)
8015 R	El. operated seat (ZA32)
8016	Fuel filter heater (HM14)
8016	Fuel filter heater (ZA21)
8018 2	El. connected seat (NB46)
8018 2	El. connected seat (NZ47)
8018 4	El. connected seat (NB46)
8018 4	El. connected seat (NZ47)
8018 L	El. connected seat (HE6)
8018 L	El. connected seat (HE18)
8018 L4	El. connected seat (ZA30)
8018 R	El. connected seat (HE12)
8018 R	El. connected seat (HE23)
8018 R4	El. connected seat (ZA32)
900	Radio (JA6)
900	Radio (ZB12)
901 B	Voltage converter (EX11)
901 B	Voltage converter (ZB28)
901 B	Voltage converter (ZB30)
901 R	Voltage converter (EX4)
901 R	Voltage converter (ZB29)
902 DD	Loudspeaker (JA10)
902 DP	Loudspeaker (JA13)
902 LF	Loudspeaker (JA4)
902 LR	Loudspeaker (JA16)
902 RF	Loudspeaker (JA7)
902 RR	Loudspeaker (JA19)
913 A	Mobile telephone (ZB28)
917	Aerial (AA28)
952	Magnetic clutch, air conditioning (HA13)
961	Engine/cab heater (HB8)
961	Engine/cab heater (ZB3)
961	Engine/cab heater (ZE8)
972 L	Lock, bunk (ES58)
9006	Glow plug, parking heater (HB28)
9006	Glow plug, parking heater (ZE28)
9008	Control unit, ABS (OA26)
9008	Control unit, ABS (OB25)
9008:4	Control unit, ABS (ZA5)
9008:9	Control unit, ABS (ZA5)
9008:10	Control unit, ABS (ZB16)
9008:11	Control unit, ABS (ZA2)
9008:11	Control unit, ABS (ZB21)
9008:12	Control unit, ABS (ZA3)
9008:12	Control unit, ABS (ZB21)
9009	Control box, air suspension, rigids (ME33)
9009	Control box, air suspension, rigids (MF33)
9009	Control box, air suspension, rigids (ZB59)
9010	Control box, air suspension, tractors (ME44)
9010	Control box, air suspension, tractors (MF43)
9010	Control box, air suspension, tractors (MG18)
9010	Control box, air suspension, tractors (ZB57)
9012	Current limiter (ZD10)
9026 F	Socket, 12 V (EX14)
9026 F	Socket, 12 V (ZA20)
9028	Contact roller, air bag (KE8)
9029	Termination resistor, comm. bus (AC27)
9029	Termination resistor, comm. bus (LO32)
9029	Termination resistor, comm. bus (LP40)
9029	Termination resistor, comm. bus (OG12)
9057	Control unit, automatic transmission (LO27)
9057	Control unit, automatic transmission (LP27)
9057	Control unit, automatic transmission (OG7)
9057	Control unit, automatic transmission (ZA15)
9057	Control unit, automatic transmission (ZA23)
9070	Control unit, unit injector (BJ5)
9070	Control unit, unit injector (BL5)
9070	Control unit, unit injector (BM5)
9070	Control unit, unit injector (ZA15)
9072	Control unit, air bag (KE7)
9073	Control unit, air suspension (ME6)
9073	Control unit, air suspension (MF6)
9073	Control unit, air suspension (MG4)
9073	Control unit, air suspension (ZB54)
9074	Control unit, Vehicle ECU (AC4)
9074	Control unit, Vehicle ECU (PD25)
9074	Control unit, Vehicle ECU (ZB38)
9080	Control unit, gear selector (LO4)
9080	Control unit, gear selector (LP4)
9080	Control unit, gear selector (PD40)
9080	Control unit, gear selector (ZA14)
9081	Control unit, electronic immobiliser (AA26)
9081	Control unit, electronic immobiliser (ZB34)
9083	Control unit, Dynafleet log unit (NX3)
9085	Control unit, Dynafleet TMC (NX29)

Abbreviations

ABS	Antilock brake system
ADR-BAS	Basic ADR adaption
ATC	Automatic temperature control
CABLE-B	Tachograph cable, basic
CABLE-EC	Tachograph cable, European Comunity
DRIVL2	Two driving lamps
DRIVL2EC	Two driving lamps with dipped beam
DRL	Day running light
FA-HIGH	Front axle ground clearance high, low offset
FA-LOW	Front axle ground clearance low, high offset
FA-STRAI	Front axle ground clearance high, no offset
FSS-AIR	Front spring system, air
FSS-LEAF	Front spring system, leaf
GSS-R	Range gear shifting
HYDRTRAN	Hydralic transmission
L1H1	Short cab
L2H1	Long cab
L2H2	Long high cab (Globetrotter)
LF	Left front
LHS	Left hand side
LR	Left rear
LOCK-CTL	Central door locking
LOCK-MAN	Manual door locking
LOCK-MRP	Manual door locking plus remote control of passenger door
MECHTRAN	Mechanical transmission
MIR-ELOP	El. heated and operated exterior mirror
PH-CAB	Cab parking heater
PSS-DUAL	Power steering system dual
RADT-AR	6x2, leaf spring
RF	Right front
RHS	Right hand side
RIGID	Plattform or tipper truck
RR	Right rear
RSS-AIR	Rear spring system, air
SI-SPEED	Speedometer
SLCP-BAS	Basic version sleeper control panel
SLCP-LUX	Luxury version sleeper control panel
SUSPL-EC	Air suspension, electronic control system levelling device
TRACTOR	Semi-trailer tractor
UADR	Without ADR adaption
UMIR-AUX	Without exterior mirror features
USLCP	Without sleeper control panel
VT2014	Volvo transmission 2200NM 14 speed
WLIFT-EB	Electrical window lift, both doors
WLIFT-ME	Manual window lift

Cable colour code

BL	Blue
BN	Brown
GN	Green
GR	Grey
I	Ivory
LBL	Light blue
LBN	Light brown
OR	Orange
P	Pink
PU	Purple
R	Red
SB	Black
VO	Violet
W	White
Y	Yellow

Note: If a cable har two colours, this is written out like the following example: Y/R = Yellow/Red.

Feedback

One of our objectives is that workshop personnel should have access to correct and appropriate service manuals where it concerns fault tracing, repairs and maintenance of Volvo trucks.
In order to maintain the high standards of our literature, your opinions and experience when using this manual would be greatly appreciated.
If you have any comments or suggestions, make a copy of this page, write down your comments and send them to us, either via telefax or mailing directly to the address listed below.

To

Volvo Parts Corporation

Dept. Market Support 31100

S-405 08 GÖTEBORG

SWEDEN

Fax +46 31 661055

From

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Comments/proposals

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Concerns Service Manual: .....

VOLVO
Volvo Truck Corporation
Göteborg, Sweden

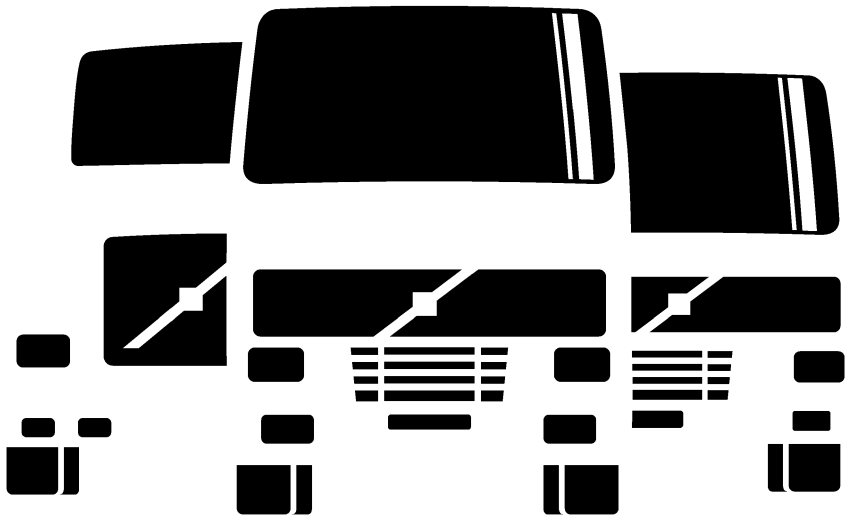
TSP127553 English 3000.2.99 Printed in Sweden

Service Manual
Trucks

Group **37**
Release **02**

Wiring diagram

FM9, FM12, FH12 VERSION2



TSP175664

VOLVO

Foreword

The descriptions and service procedures contained in this manual are based on designs and methods studies carried out up to August 02.

The products are under continuous development. Vehicles and components produced after the above date may therefore have different specifications and repair methods. When this is judged to have a significant bearing on this manual, supplementary service bulletins will be issued to cover the changes.

The new edition of this manual will update the changes.

In service procedures where the title incorporates an operation number, this is a reference to V.S.T. (Volvo Standard Times).

Service procedures which do not include an operation number in the title are for general information and no reference is made to V.S.T.

The following levels of observations, cautions and warnings are used in this Service Documentation:

Note: Indicates a procedure, practice, or condition that must be followed in order to have the vehicle or component function in the manner intended.

Caution: Indicates an unsafe practice where damage to the product could occur.

Warning: Indicates an unsafe practice where personal injury or severe damage to the product could occur.

Danger: Indicates an unsafe practice where serious personal injury or death could occur.

Volvo Truck Corporation
Göteborg, Sweden

The following information will be superseded by this manual:			
SM	Group	37	TSP 169444

Order number: TSP175664

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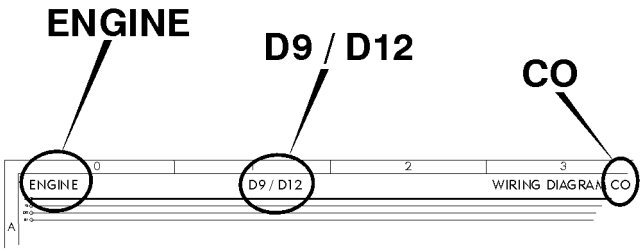
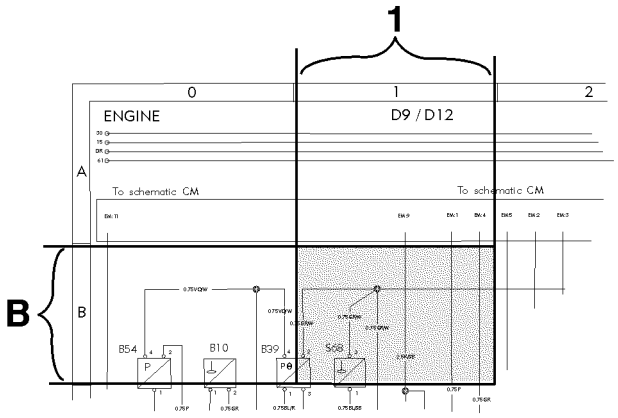
Feedback

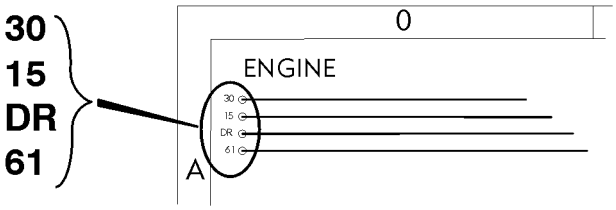
Example of wiring diagram



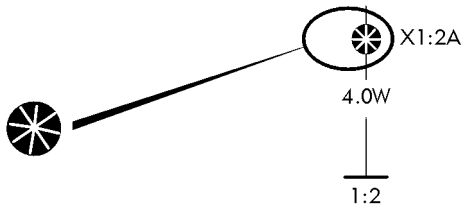
Component wiring diagram title, variant/subtitle and symbol.



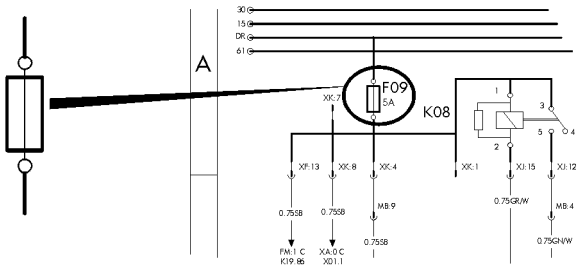
Coordinates (B 1).



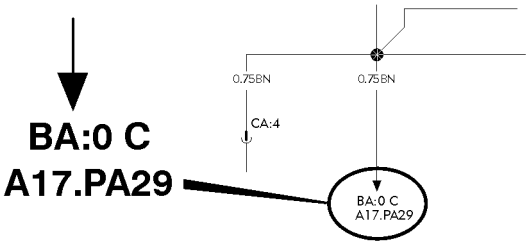
30 Voltage battery, kl.30.
15 Voltage with starter key in drive position, kl.15.
DR Voltage with starter key in drive position, preheat position and start position, kl.DR.
61 Voltage when alternator charges, kl.61.



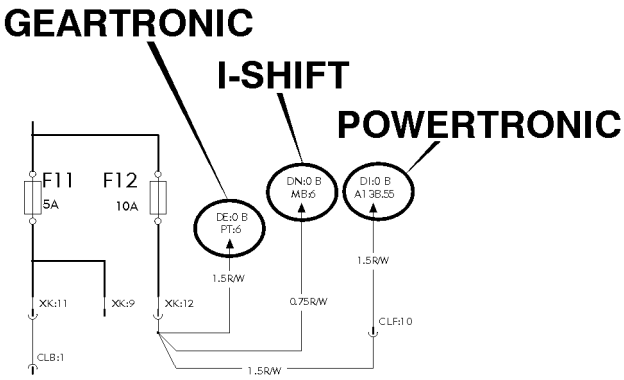
Splice.



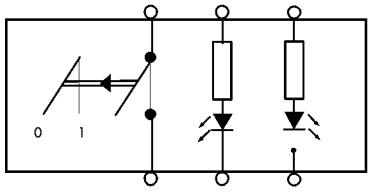
Fuse.



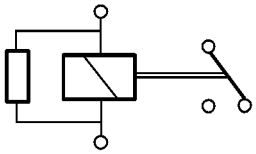
Reference arrow, for diagram BA, coordinates 0 C, component A17, connector PA pin 29.



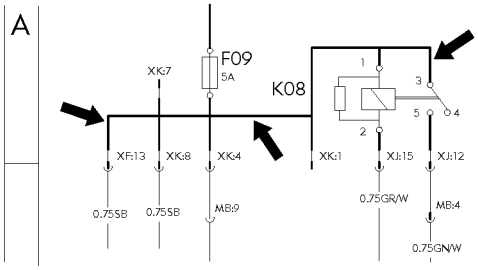
The maximum of variants are drawn, think about that all wires and components are not standard for all markets or vehicle models.



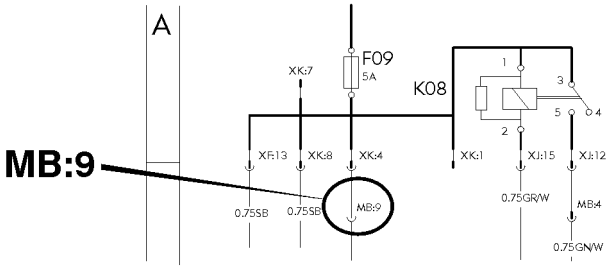
Switch.



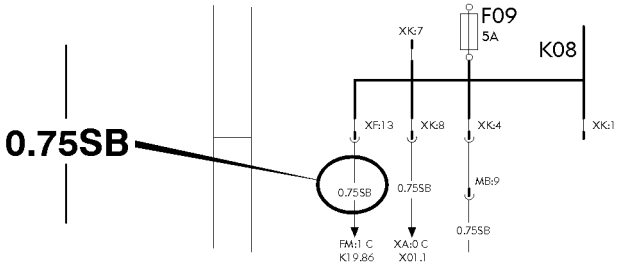
Relay.



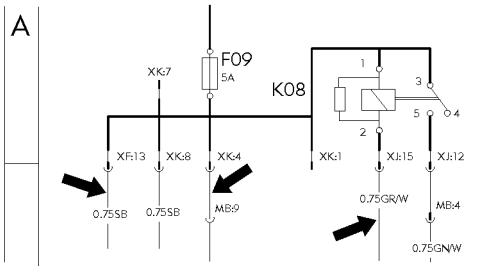
Conductor on circuit card.



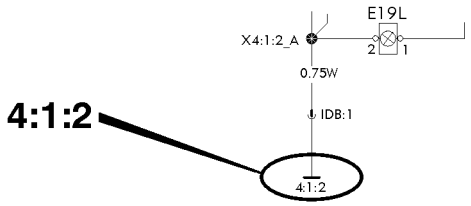
Connector MB terminal 9.



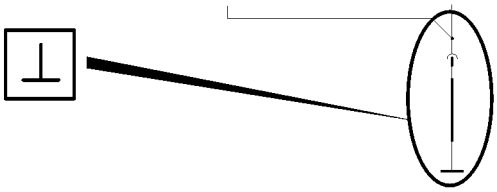
Wire area and colour.



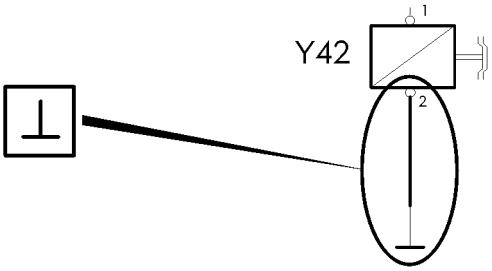
Thin lines, wires.



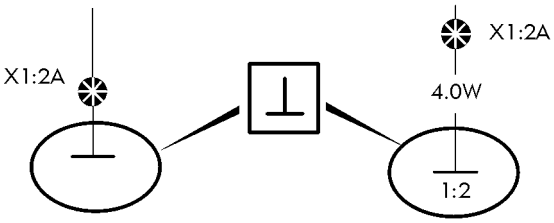
Earth connection point 4, earth connection 1 and wire 2.



Earth connection to circuit card.



Earth connection without wire.



Same splice can be drawn on several diagrams. The wire from the splice to the earth connection point will only be drawn and coded on one diagram. On the other diagrams will only the earth connection point be written besides the splice.

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HM	Water heater	page 49
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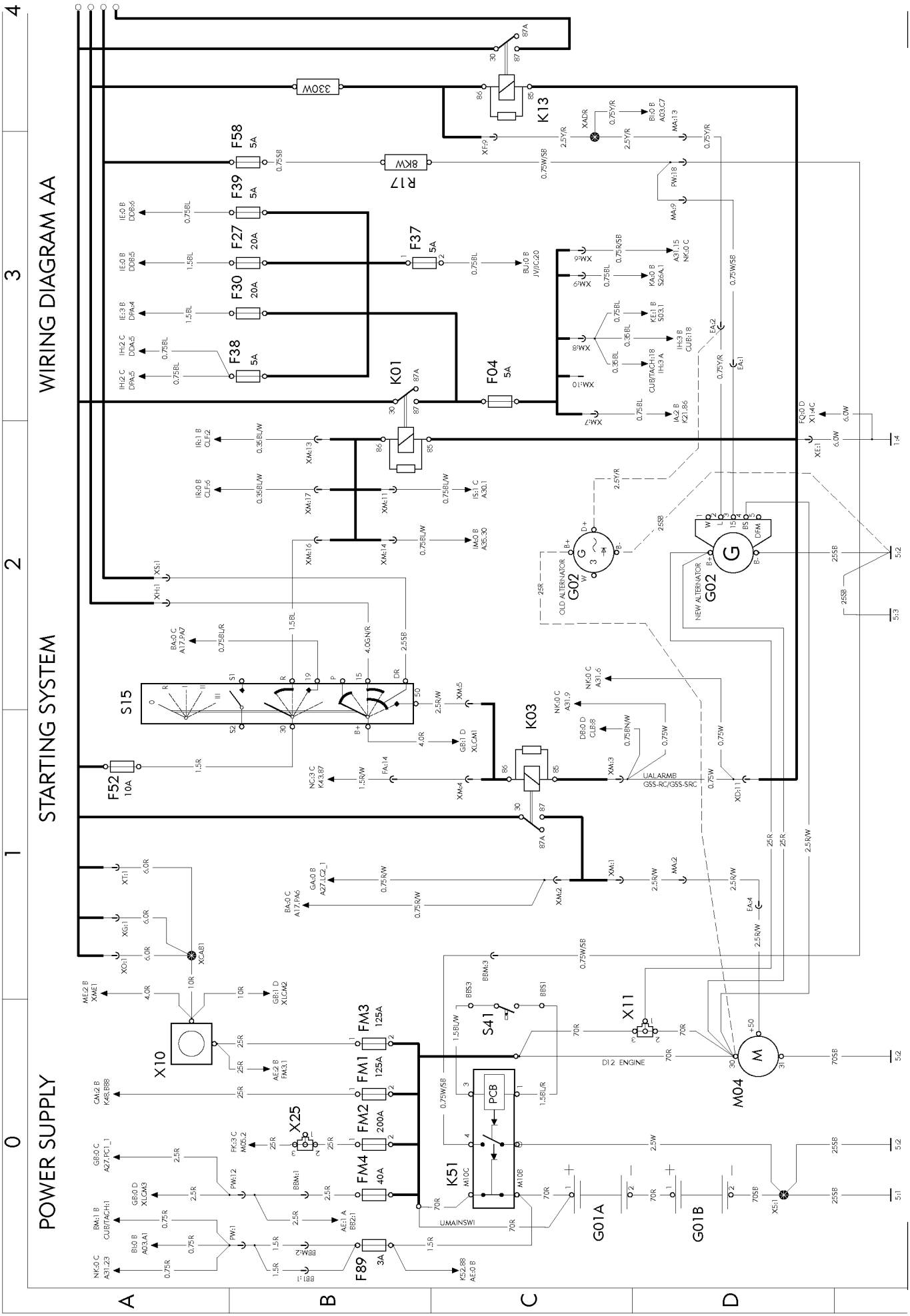
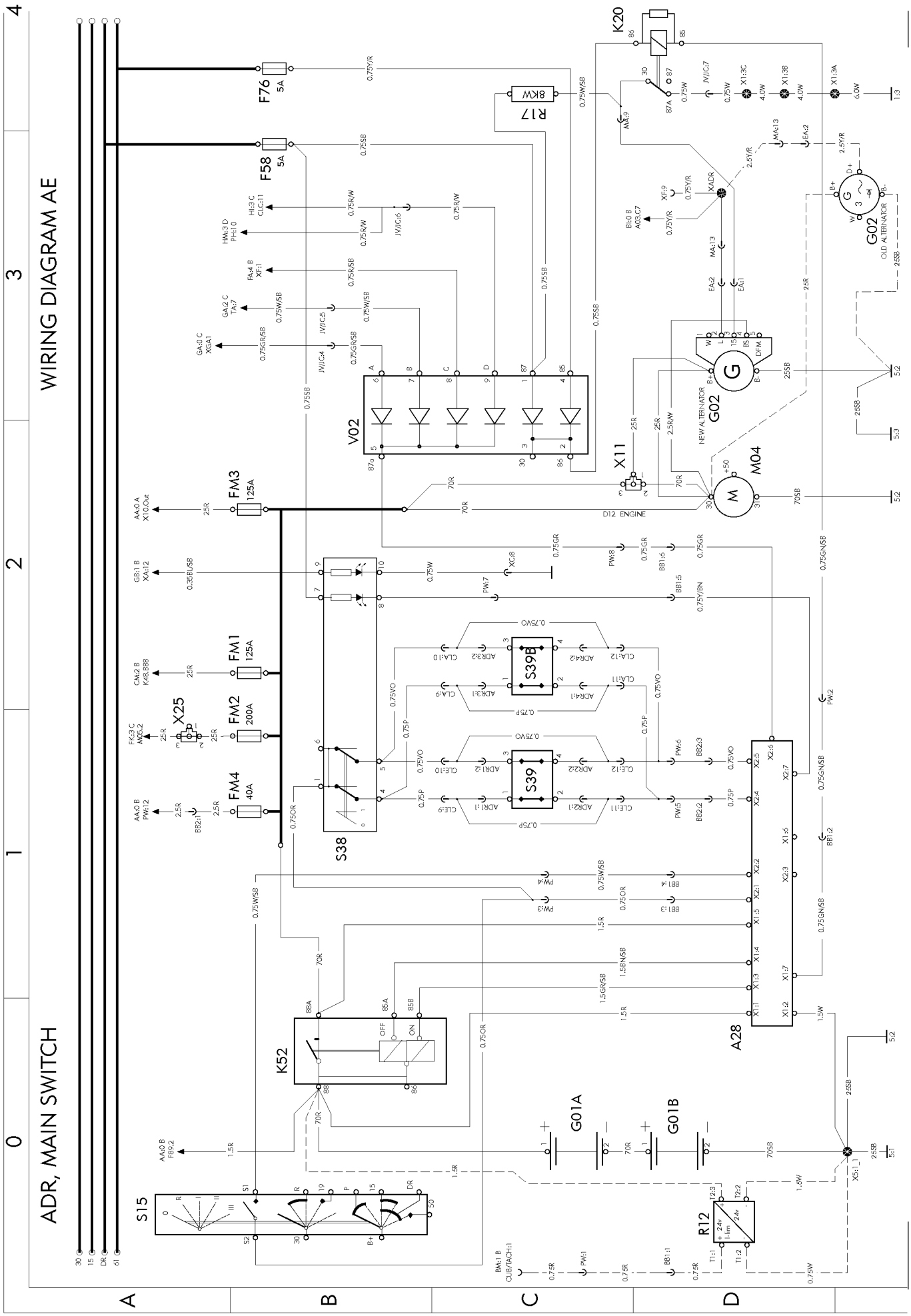
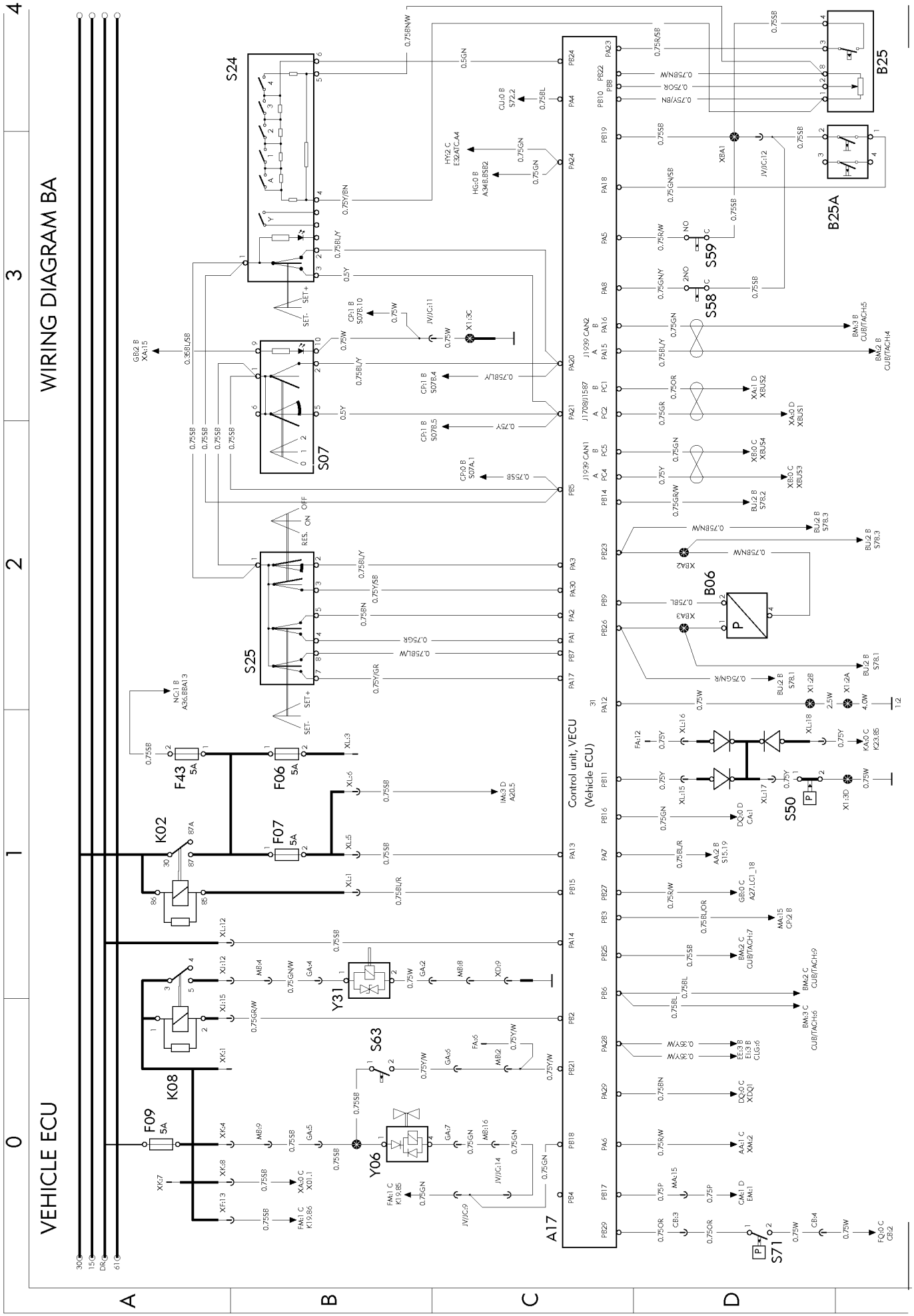
NU	Body builder (BB), DUAL-SPEED	page 73
XA	Bus J1708/J1587	page 74
XB	Bus J1939	page 75

Component wiring diagrams

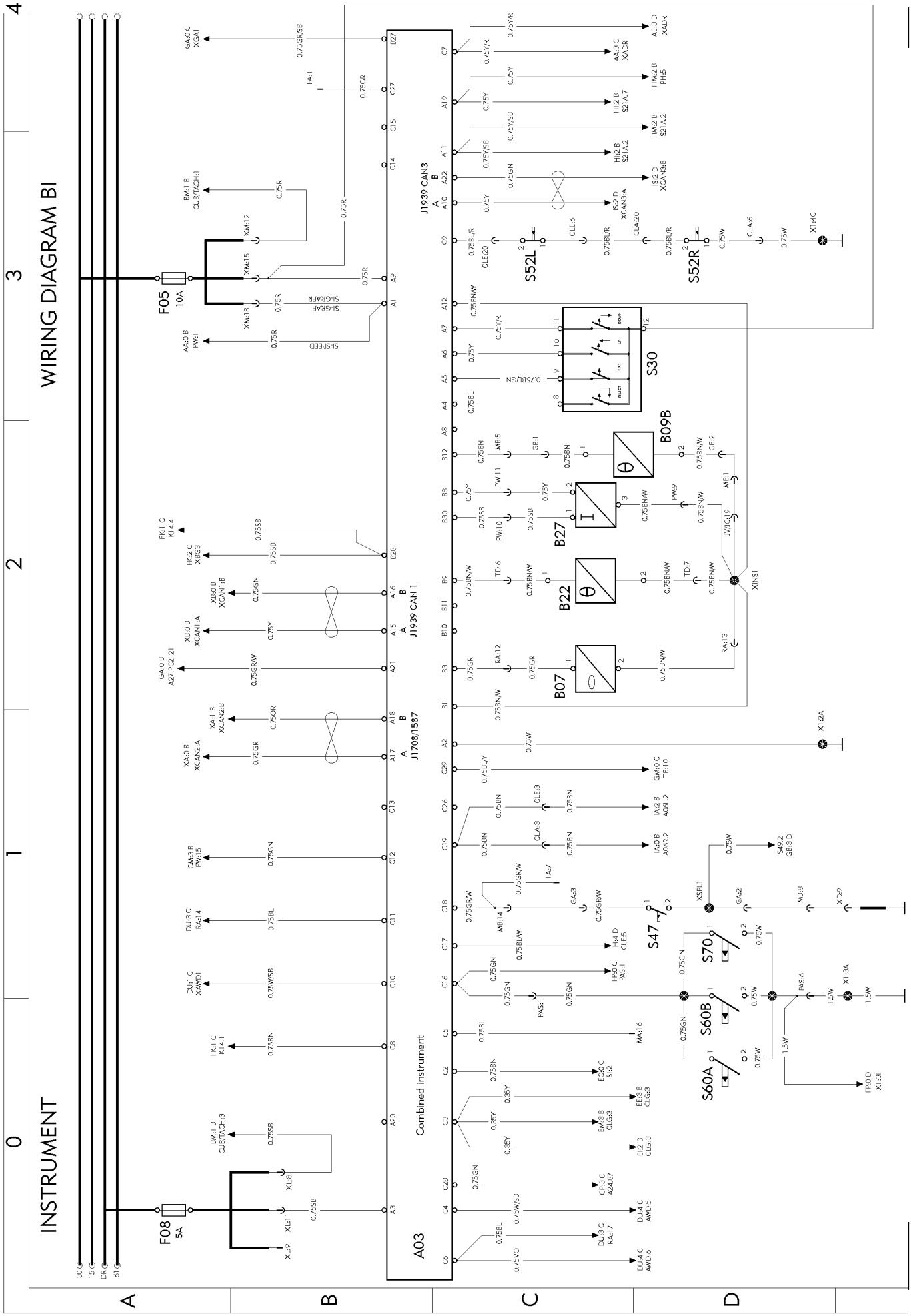

WIRING DIAGRAM AA
STARTING SYSTEM
POWER SUPPLY
330W
8KW
R17
K13
K01
K03
K51
F58 5A
F39 5A
F27 20A
F30 20A
F38 5A
F37 5A
F04 5A
F52 10A
F89 3A
FM1 125A
FM2 200A
FM3 125A
FM4 40A
S15
S41
X10
X11
X25
XCAB1
PCB
M04
G01A
G01B
G02
OLD ALTERNATOR
NEW ALTERNATOR
D12 ENGINE
UALARMB
GSS-RC/GSS-SRC
UMAINSWI

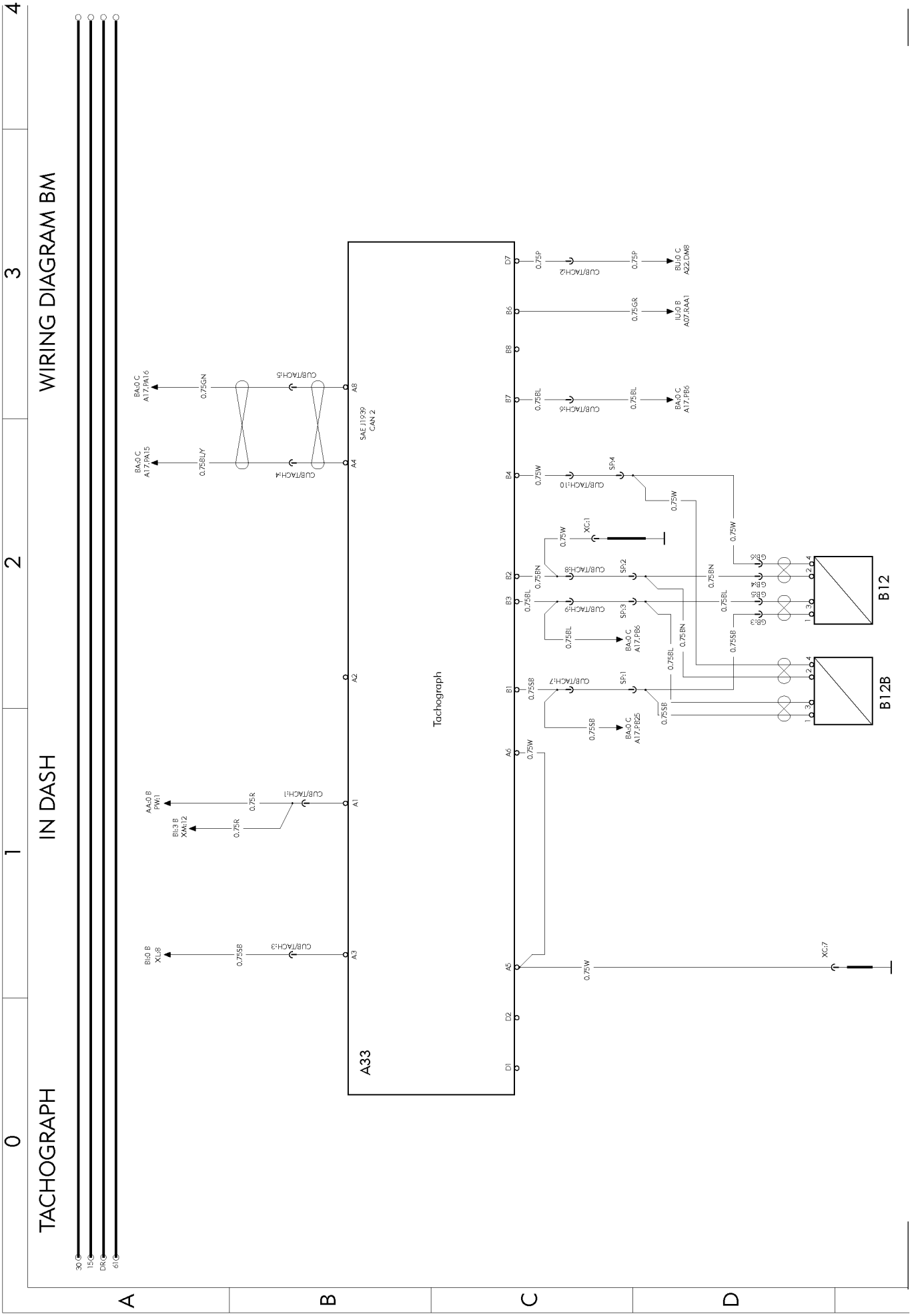
T3016280


WIRING DIAGRAM AE
ADR, MAIN SWITCH
D12 ENGINE
NEW ALTERNATOR
OLD ALTERNATOR
F76 5A
F58 5A
R17 8KW
K20
FM3 125A
FM1 125A
FM2 200A
FM4 40A
X25
X11
M04
G02
V02
S38
S39
S39B
S15
K52
A28
G01A
G01B
R12

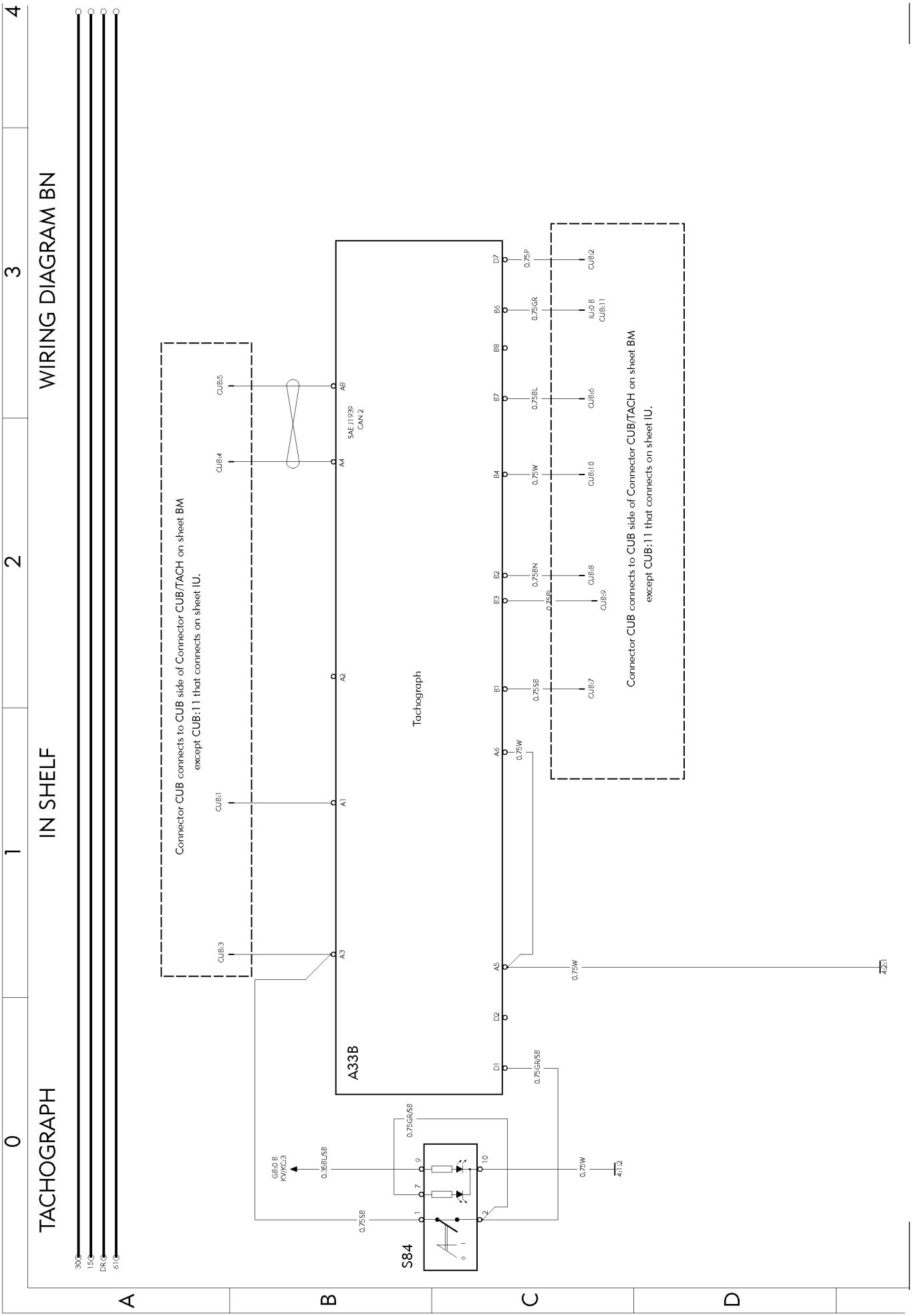

WIRING DIAGRAM BA
VEHICLE ECU
Control unit, VECU
(Vehicle ECU)
A17
S24
S25
S07
S63
S58
S59
S50
S71
B25
B25A
B06
K02
K08
F43 5A
F06 5A
F07 5A
F09 5A
Y31
Y06

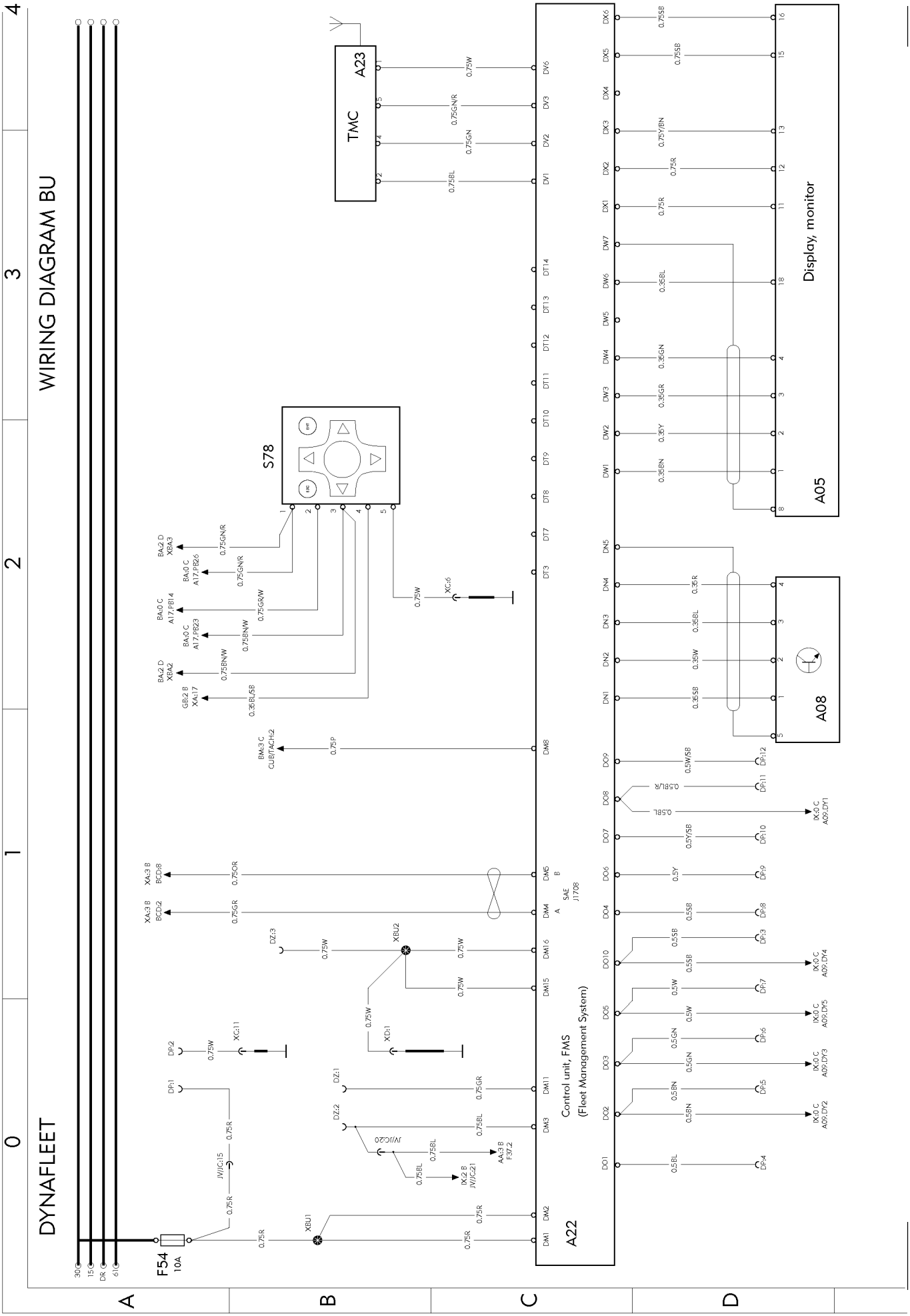
T3016253

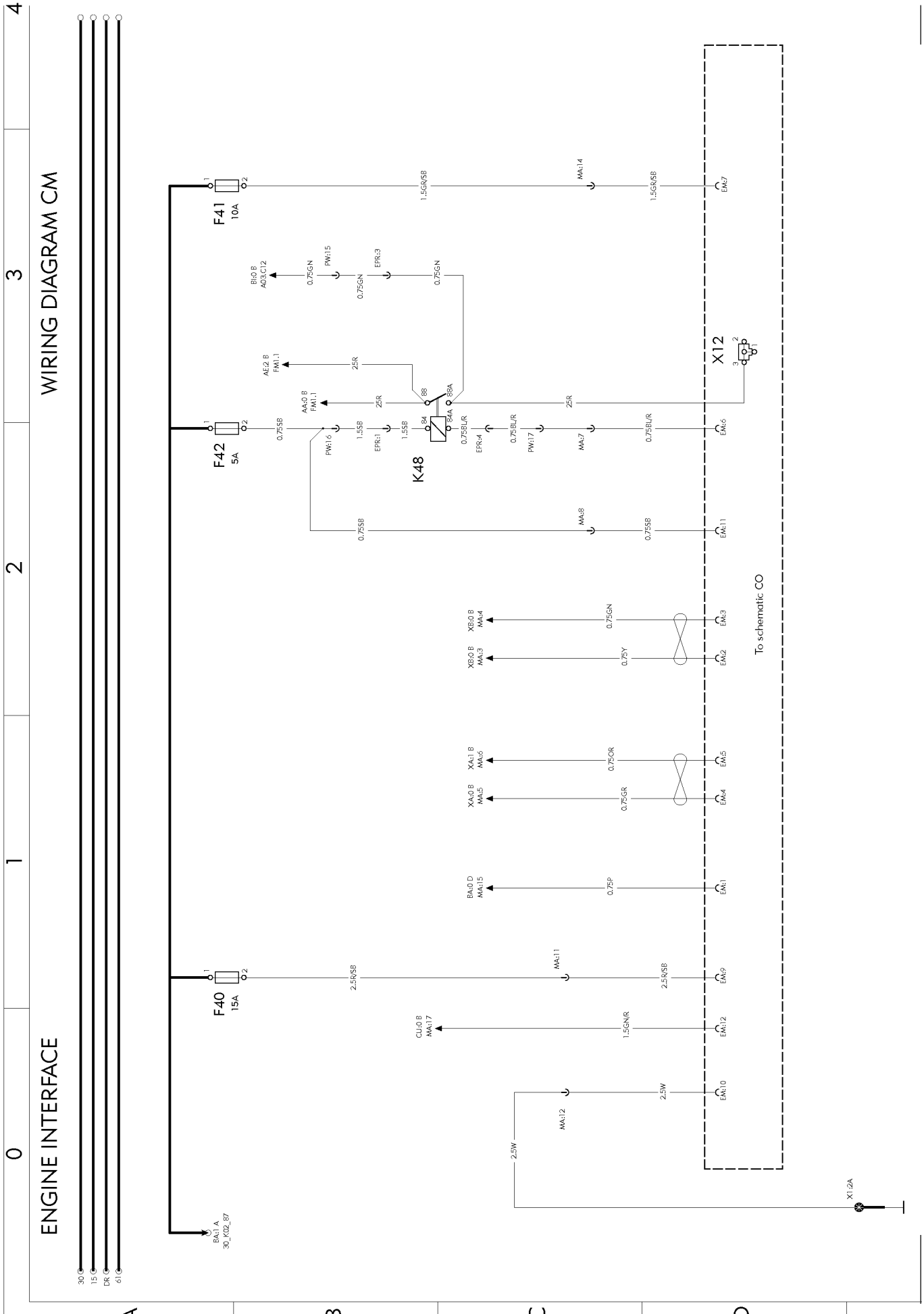

INSTRUMENT
WIRING DIAGRAM BI
Combined instrument
A03
J1939 CAN3
J1939 CAN 1
J1708/1587
F05
10A
F08
5A
S52L
S52R
S30
S47
S70
S60B
S60A
B09B
B27
B22
B07

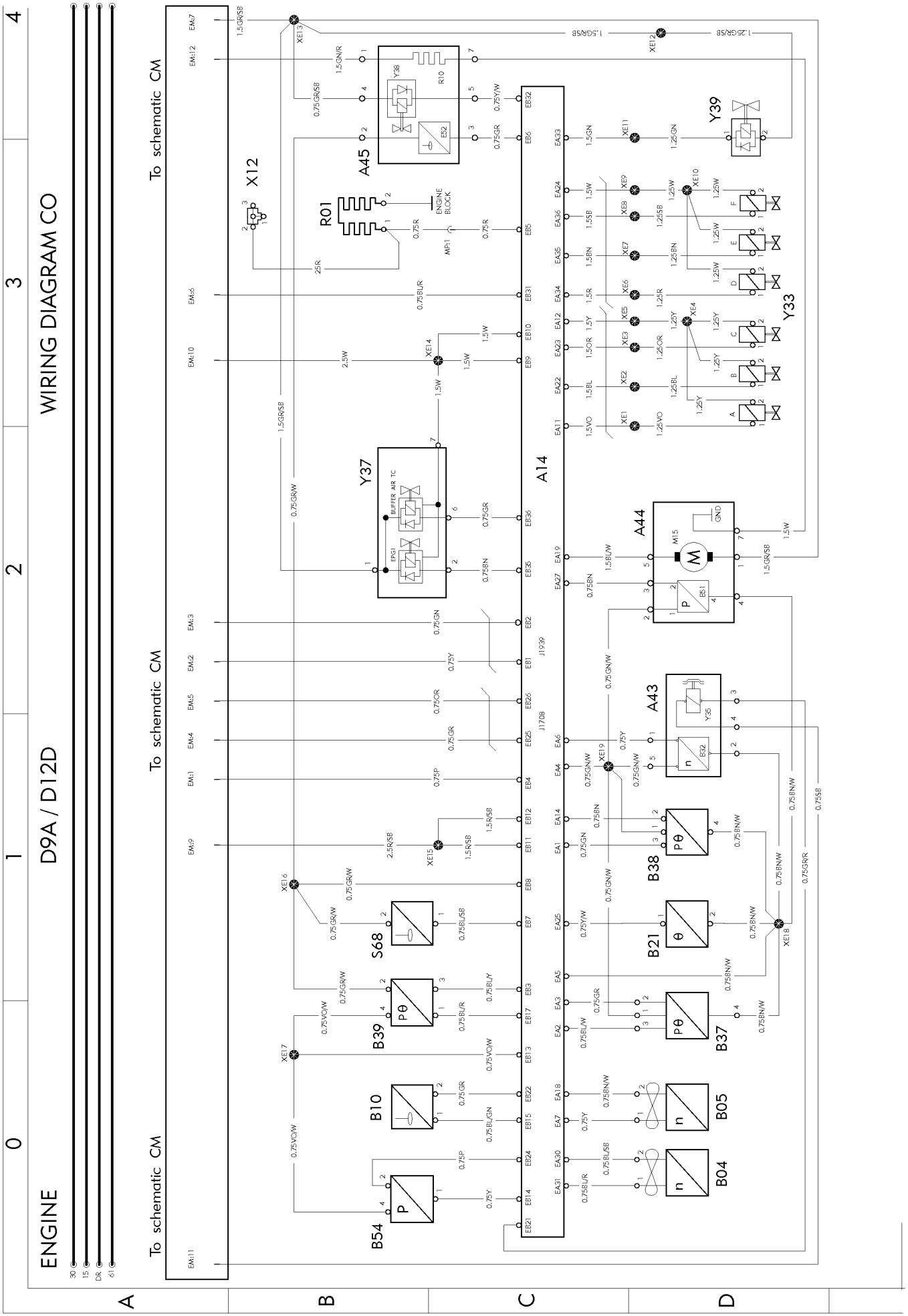

TACHOGRAPH
IN DASH
WIRING DIAGRAM BM
0
1
2
3
4
A
B
C
D
30
15
DR
61
A33
Tachograph
A1
A2
A3
A4
A5
A6
A8
D1
D2
D7
B1
B2
B3
B4
B6
B7
B8
SAE J1939
CAN 2
CUB/TACH:1
CUB/TACH:2
CUB/TACH:3
CUB/TACH:4
CUB/TACH:5
CUB/TACH:6
CUB/TACH:7
CUB/TACH:8
CUB/TACH:10
SP:1
SP:2
SP:3
SP:4
XC:1
XC:7
B12
B12B
0.75R
0.75SB
0.75GN
0.75BL/Y
0.75W
0.75BN
0.75BL
0.75P
0.75GR
AA:0 B
PW:1
BI:3 B
XM:12
BI:0 B
XL:8
BA:0 C
A17:PA16
BA:0 C
A17:PA15
BA:0 C
A17:PB6
BA:0 C
A17:PB25
BU:0 C
A22:DM8
IU:0 B
A07:RAA1

T3016255

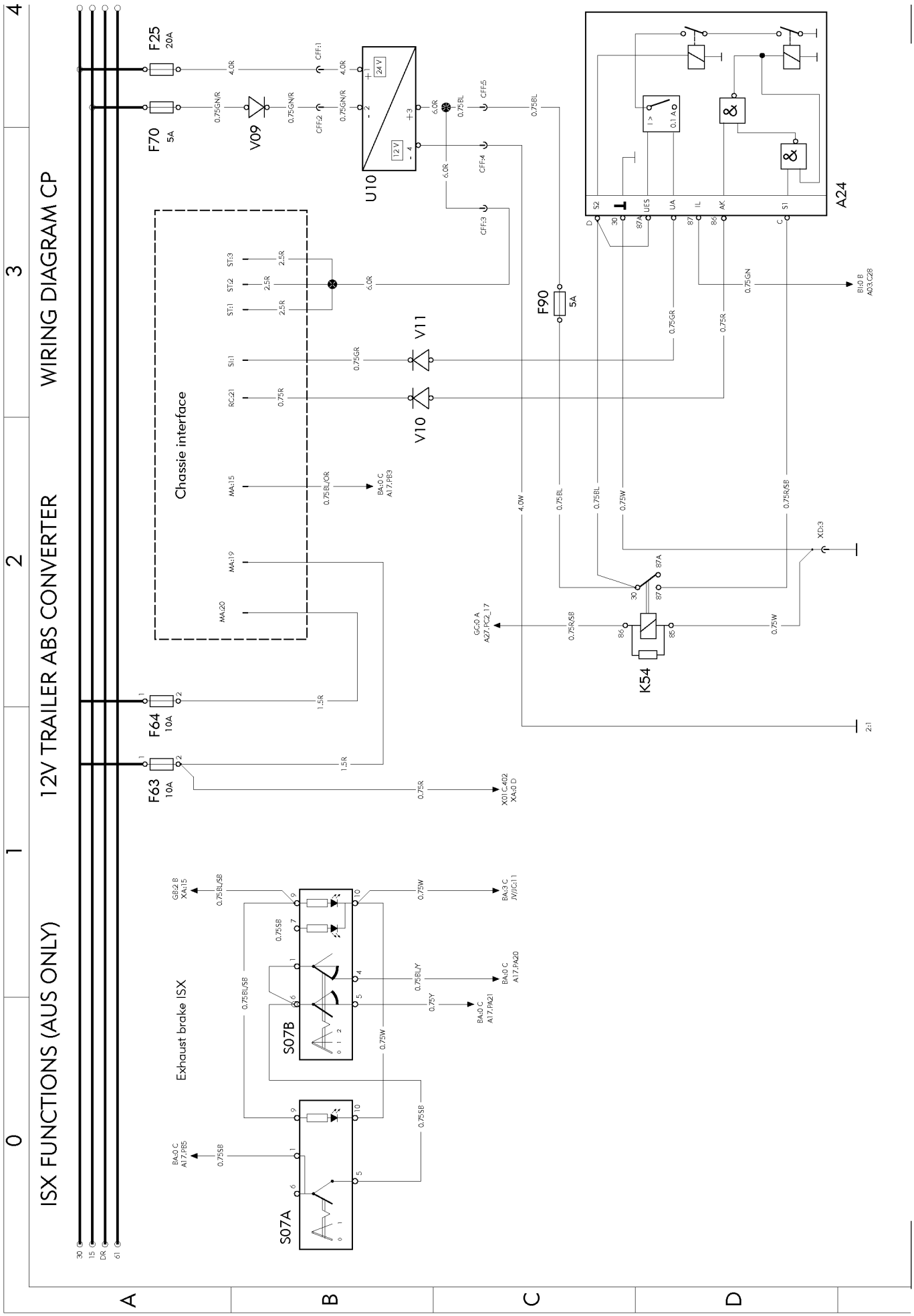

TACHOGRAPH
IN SHELF
WIRING DIAGRAM BN
0
1
2
3
4
A
B
C
D
30
15
DR
61
Connector CUB connects to CUB side of Connector CUB/TACH on sheet BM
except CUB:11 that connects on sheet IU.
CUB:1
CUB:3
CUB:4
CUB:5
A33B
Tachograph
A1
A2
A3
A4
A8
SAE J1939
CAN 2
A5
A6
D1
D2
D7
B1
B2
B3
B4
B7
B6
B8
0.75B
0.75BN
0.75R
0.75W
0.75L
0.75GR
0.75P
CUB:7
CUB:8
CUB:9
CUB:10
CUB:6
IU:0 B
CUB:11
CUB:2
Connector CUB connects to CUB side of Connector CUB/TACH on sheet BM
except CUB:11 that connects on sheet IU.
0.75GR/SB
0.75W
422:1
S84
1
2
7
9
10
0.75B
0.75GR/SB
0.35BL/SB
GB:0 B
KV/KG:3
0.75W
411:2

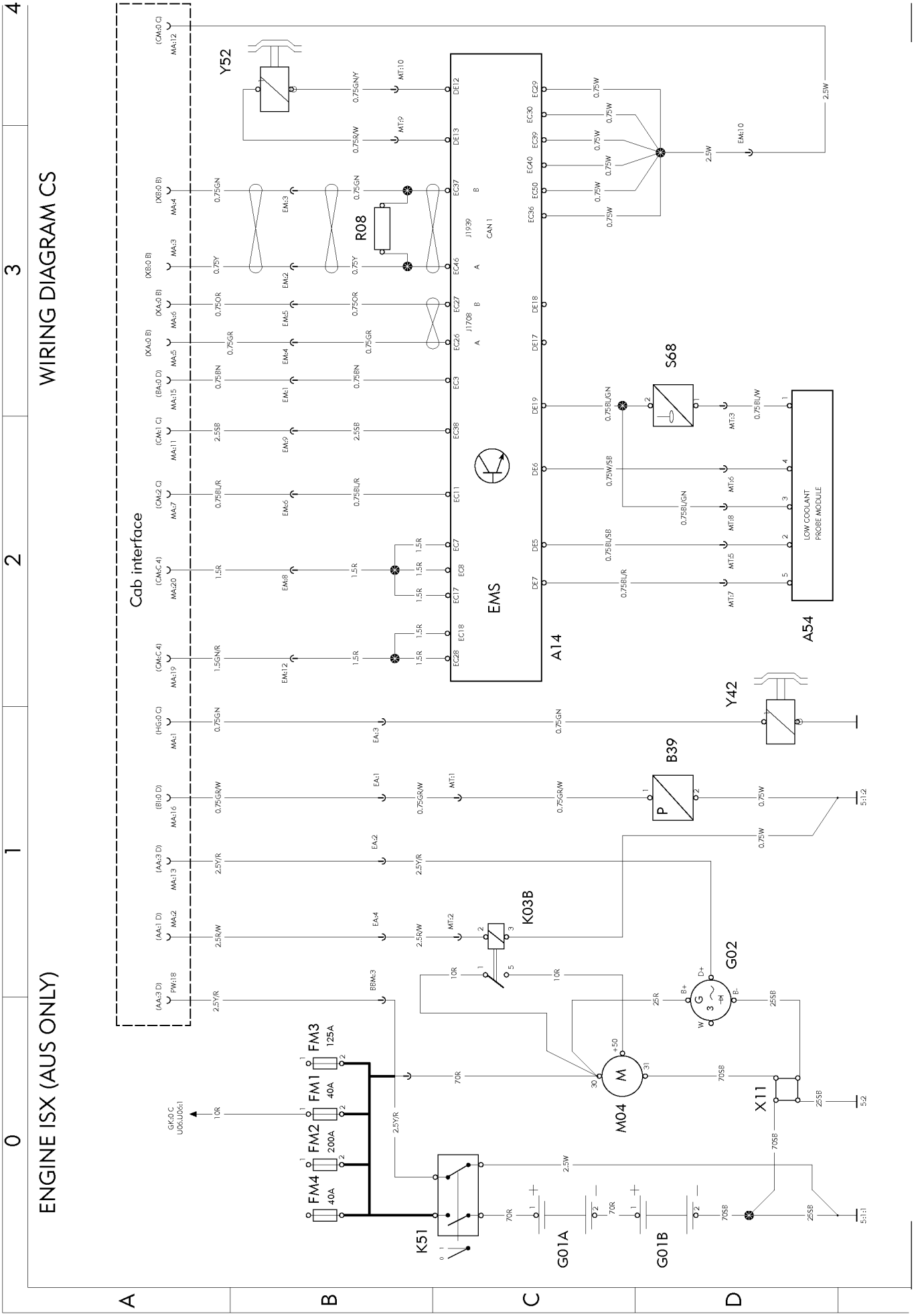

DYNAFLEET
WIRING DIAGRAM BU
A22
Control unit, FMS
(Fleet Management System)
A23
TMC
S78
A05
Display, monitor
A08
F54
10A
XBU1
XBU2
SAE
J1708
T3016257


WIRING DIAGRAM CM
ENGINE INTERFACE
0
1
2
3
4
A
B
C
D
30
15
DR
61
F41
10A
F42
5A
F40
15A
K48
X12
To schematic CO
X1:2A
BA:1 A
30_K02_87
1.5GR/SB
0.75GN
0.75SB
0.75BL/R
0.75Y
0.75OR
0.75GR
0.75P
2.5R/SB
2.5W
2.5N/SB
1.5GN/R
25R
1.5SB

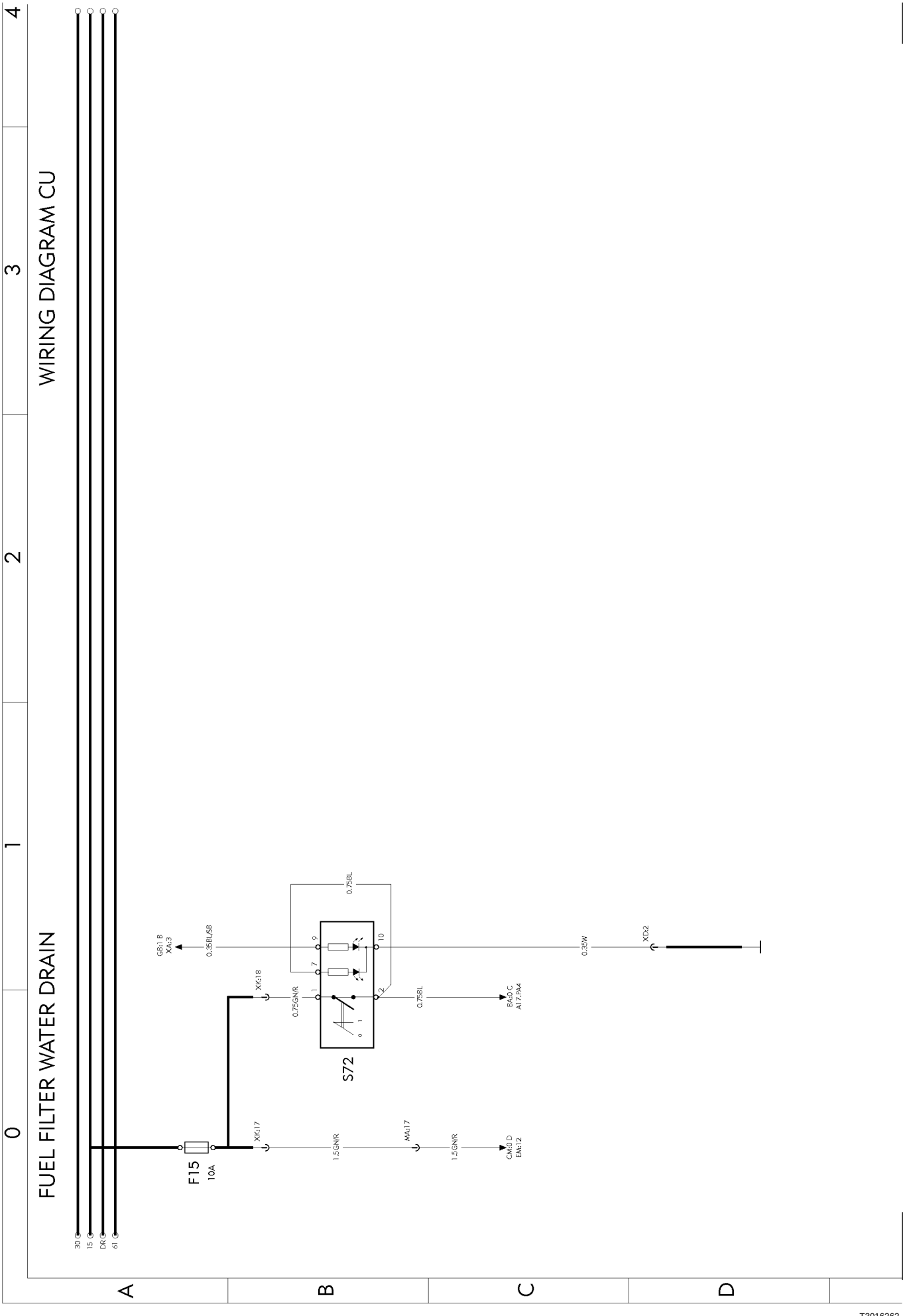

ENGINE
D9A / D12D
WIRING DIAGRAM CO
0
1
2
3
4
A
B
C
D
30
15
DR
61
To schematic CM
X12
A45
R01
ENGINE BLOCK
Y39
Y33
Y37
BUFFER AIR TC
EPG1
A14
A44
M15
GND
B51
A43
Y35
B32
S68
B39
B38
B21
B37
B10
B05
B04
B54
XE1.3
XE1.2
XE1.1
XE1.4
XE1.5
XE1.6
XE1.7
XE1.8
XE1.9
XE1
XE2
XE3
XE4
XE5
XE6
XE7
XE8
XE9
XE10
XE11
J1939
J1708

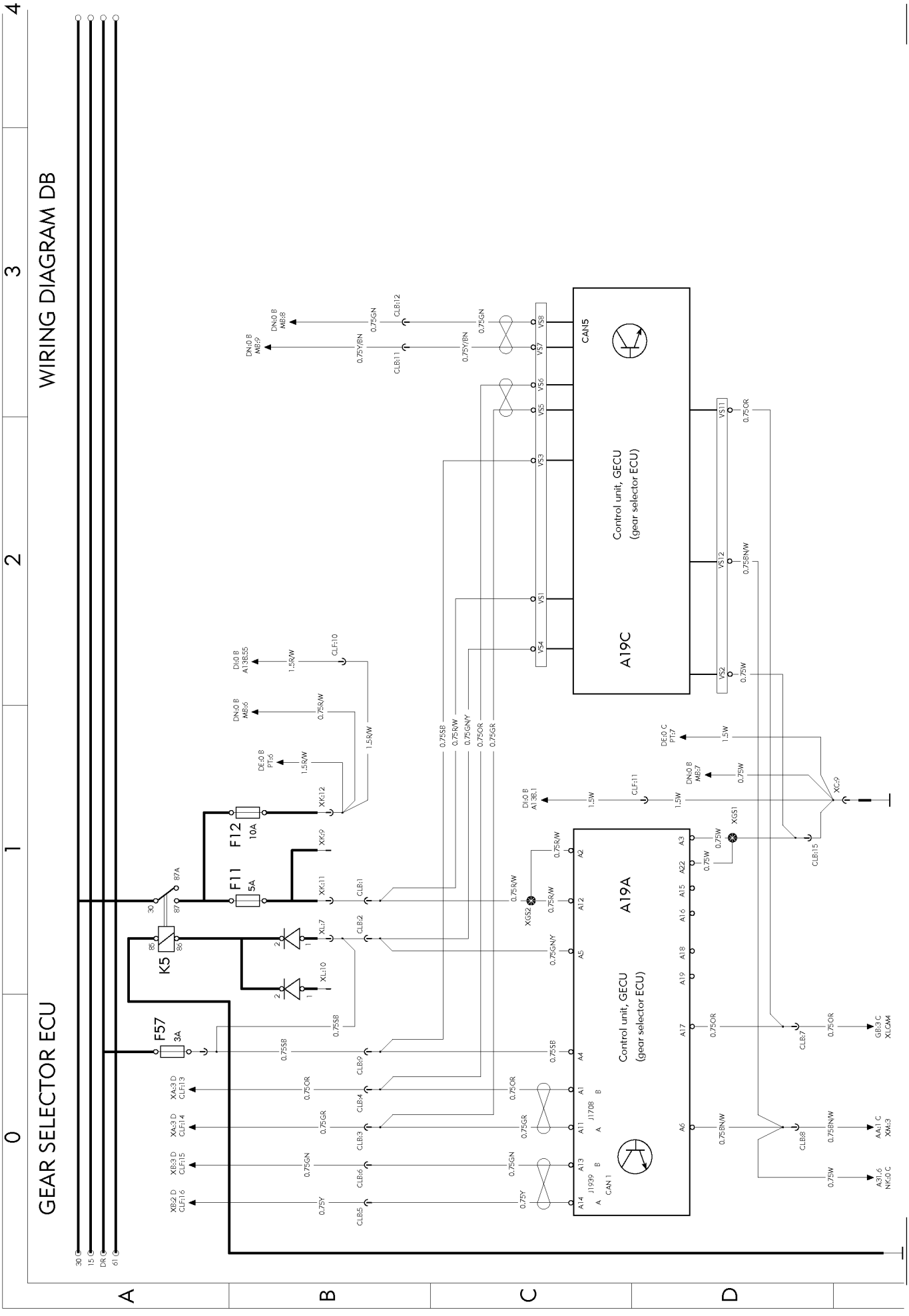
T3016259


ISX FUNCTIONS (AUS ONLY)
12V TRAILER ABS CONVERTER
WIRING DIAGRAM CP
Chassie interface
Exhaust brake ISX
F25 20A
F70 5A
F63 10A
F64 10A
F90 5A
V09
V10
V11
U10
A24
K54
S07A
S07B

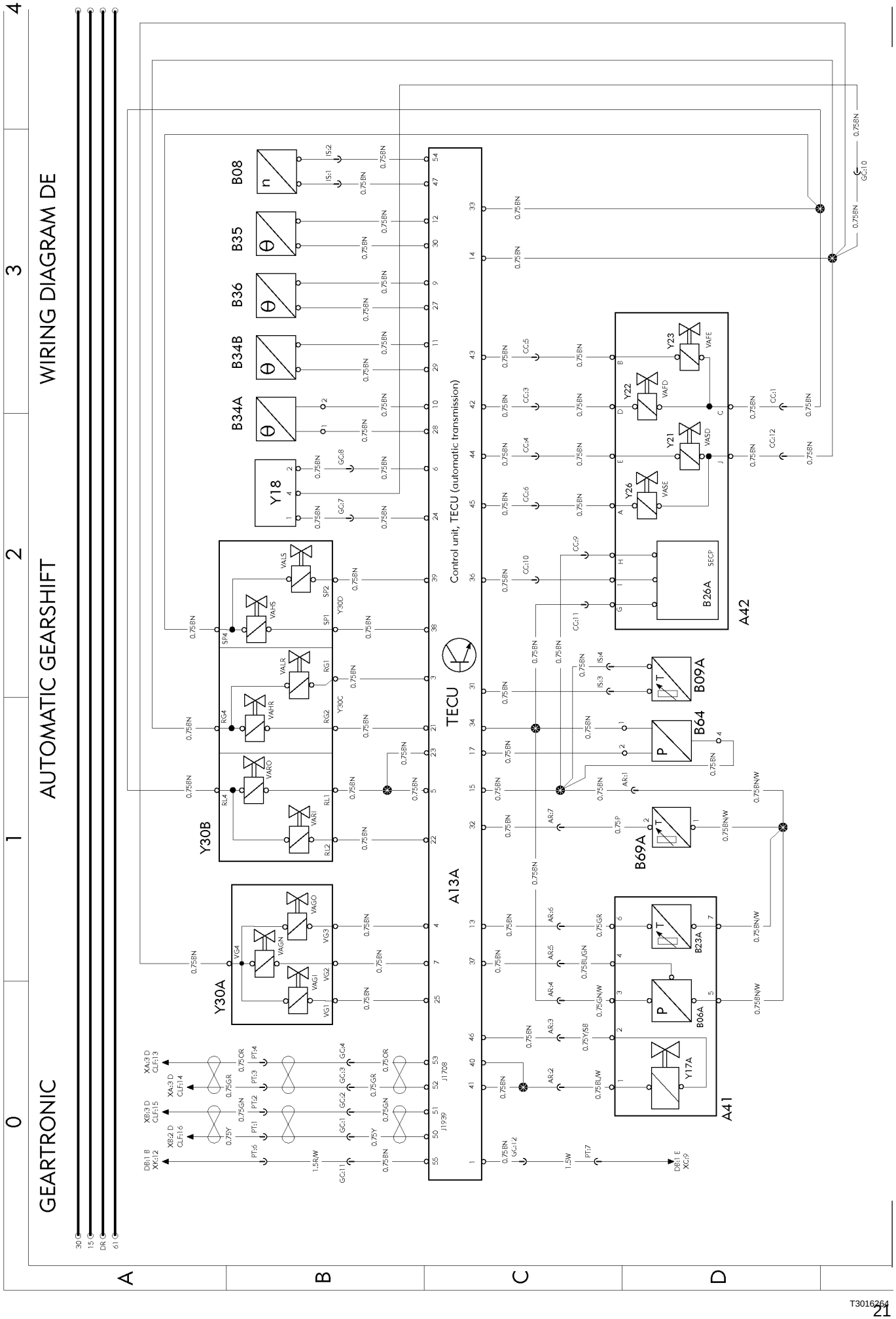

WIRING DIAGRAM CS
ENGINE ISX (AUS ONLY)
Cab interface
EMS
A14
A54
LOW COOLANT PROBE MODULE
Y52
Y42
S68
B39
R08
K03B
K51
M04
G02
G01A
G01B
X11
FM1 40A
FM2 200A
FM3 125A
FM4 40A
CAN 1
J1939
J1708

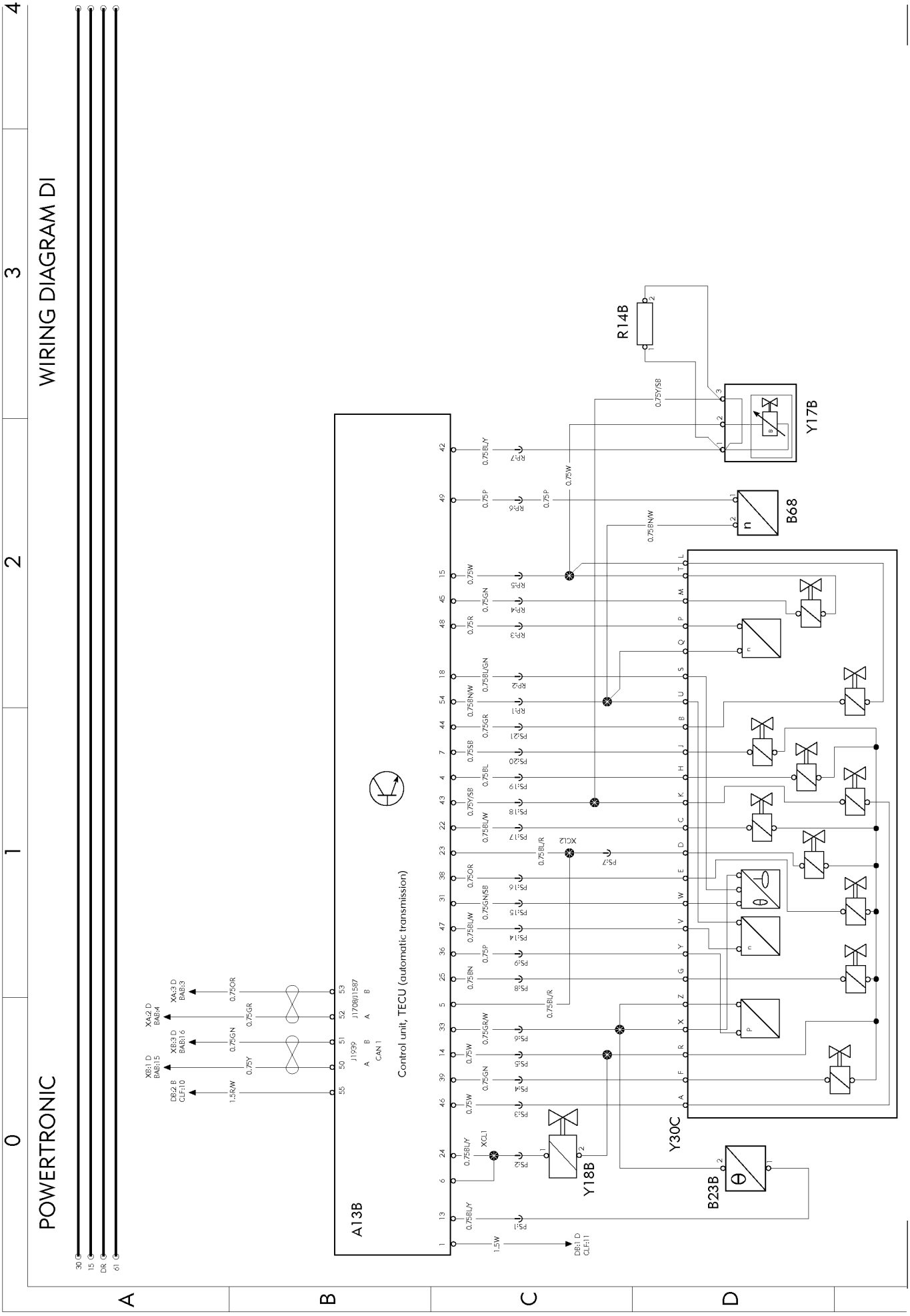
T3016261


WIRING DIAGRAM CU
FUEL FILTER WATER DRAIN
0
1
2
3
4
A
B
C
D
30
15
DR
61
F15
10A
XK:17
XK:18
1.5GN/R
MA:17
1.5GN/R
CM:D D
EM:12
0.75GN/R
0.75BL
S72
0.75BL
BA:D C
A17.PA4
0.35BL/SB
GB:1 B
XA:3
0.35W
XD:2

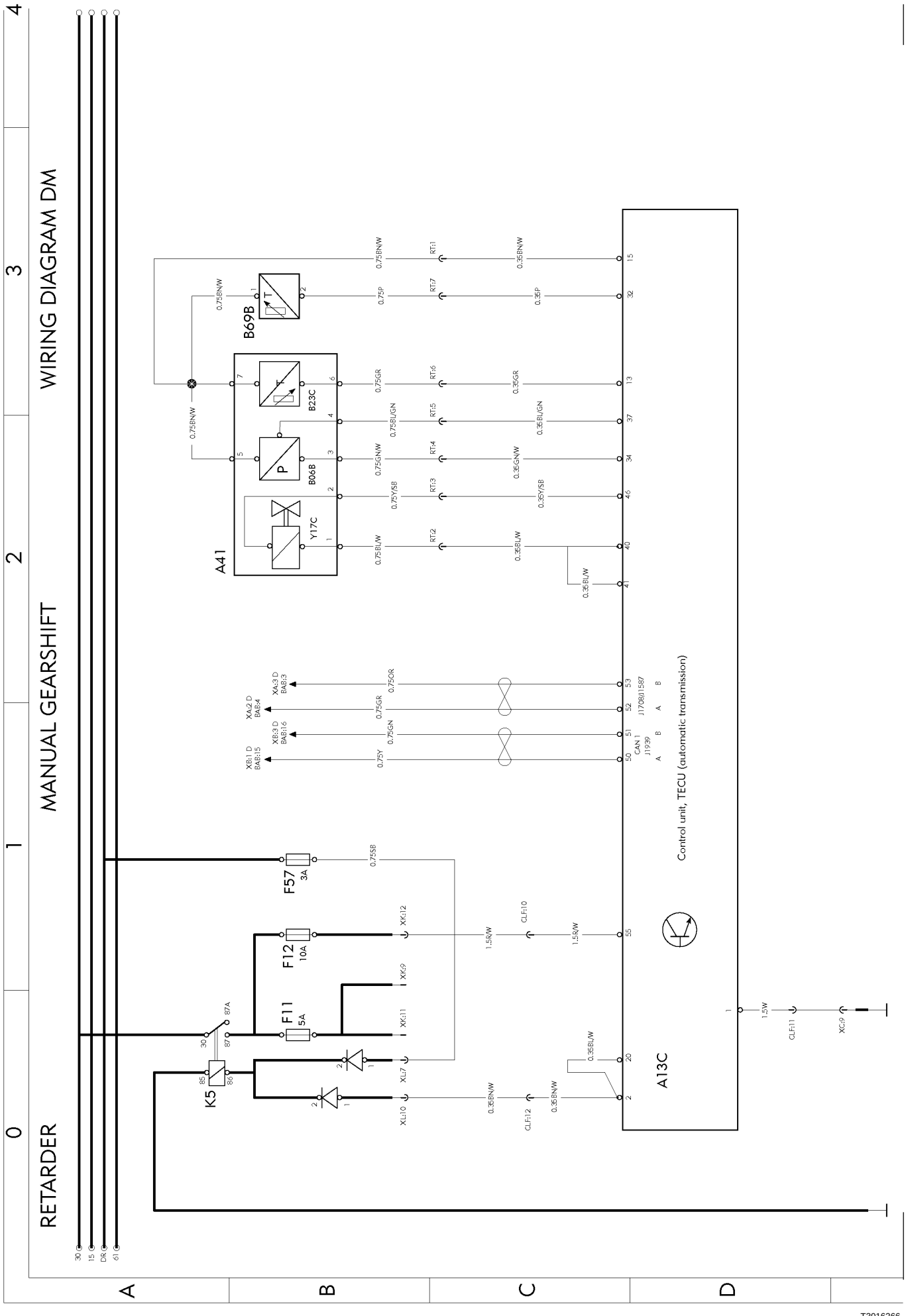

WIRING DIAGRAM DB
GEAR SELECTOR ECU
Control unit, GECU (gear selector ECU)
A19C
Control unit, GECU (gear selector ECU)
A19A
CAN5
CAN 1
J1939
J1708
F57 3A
F11 5A
F12 10A
K5
XGS1
XGS2
30
15
DR
61

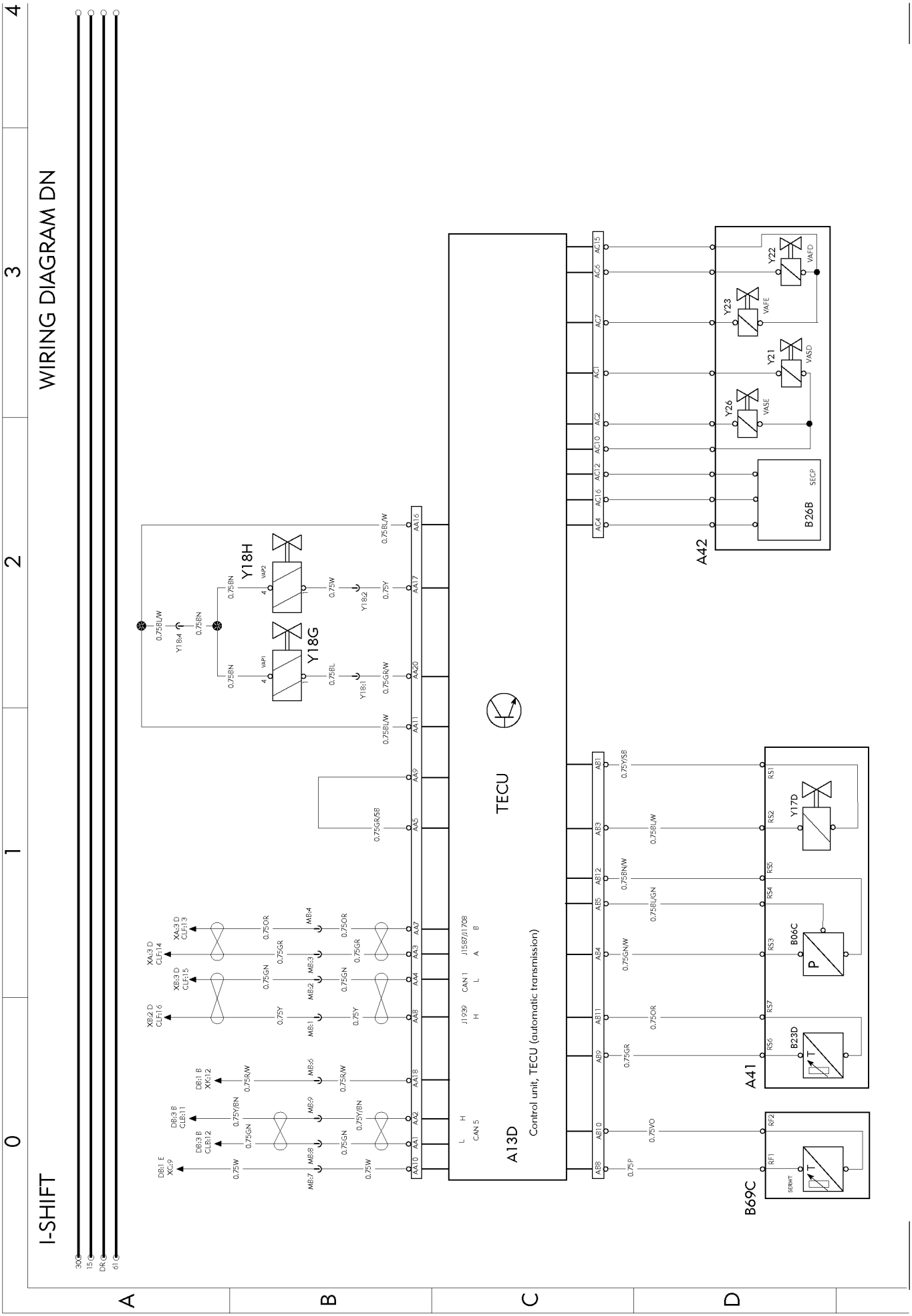
T3016263


GEARTRONIC
AUTOMATIC GEARSHIFT
WIRING DIAGRAM DE
TECU
Control unit, TECU (automatic transmission)
A13A
A41
A42
Y30A
Y30B
Y18
Y17A
Y21
Y22
Y23
Y26
B34A
B34B
B35
B36
B08
B09A
B64
B69A
B06A
B23A
B26A
J1939
J1708

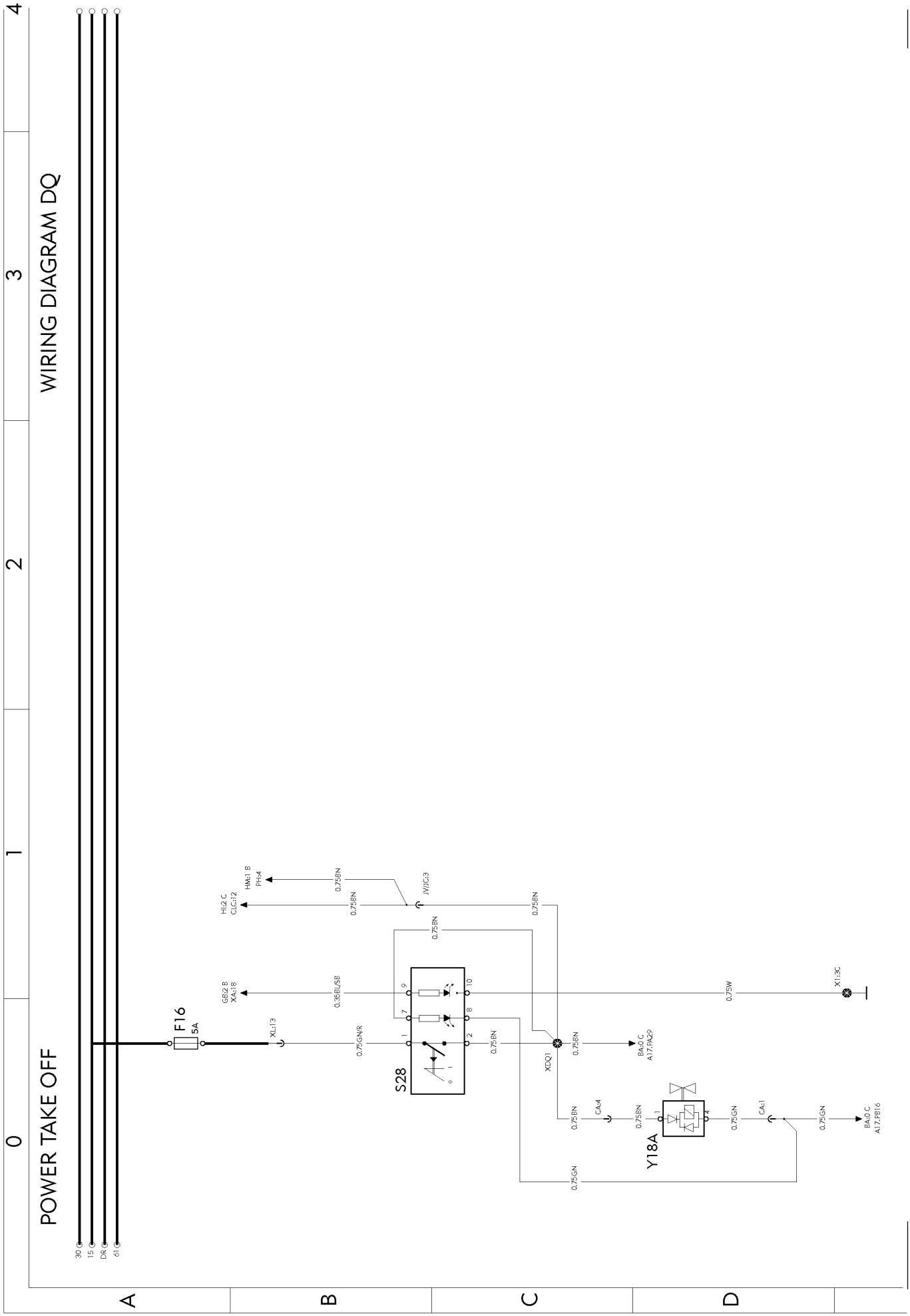

WIRING DIAGRAM DI
POWERTRONIC
A13B
Control unit, TECU (automatic transmission)
Y30C
Y18B
Y17B
R14B
B68
B23B
J1939
J1708/J1587
CAN 1

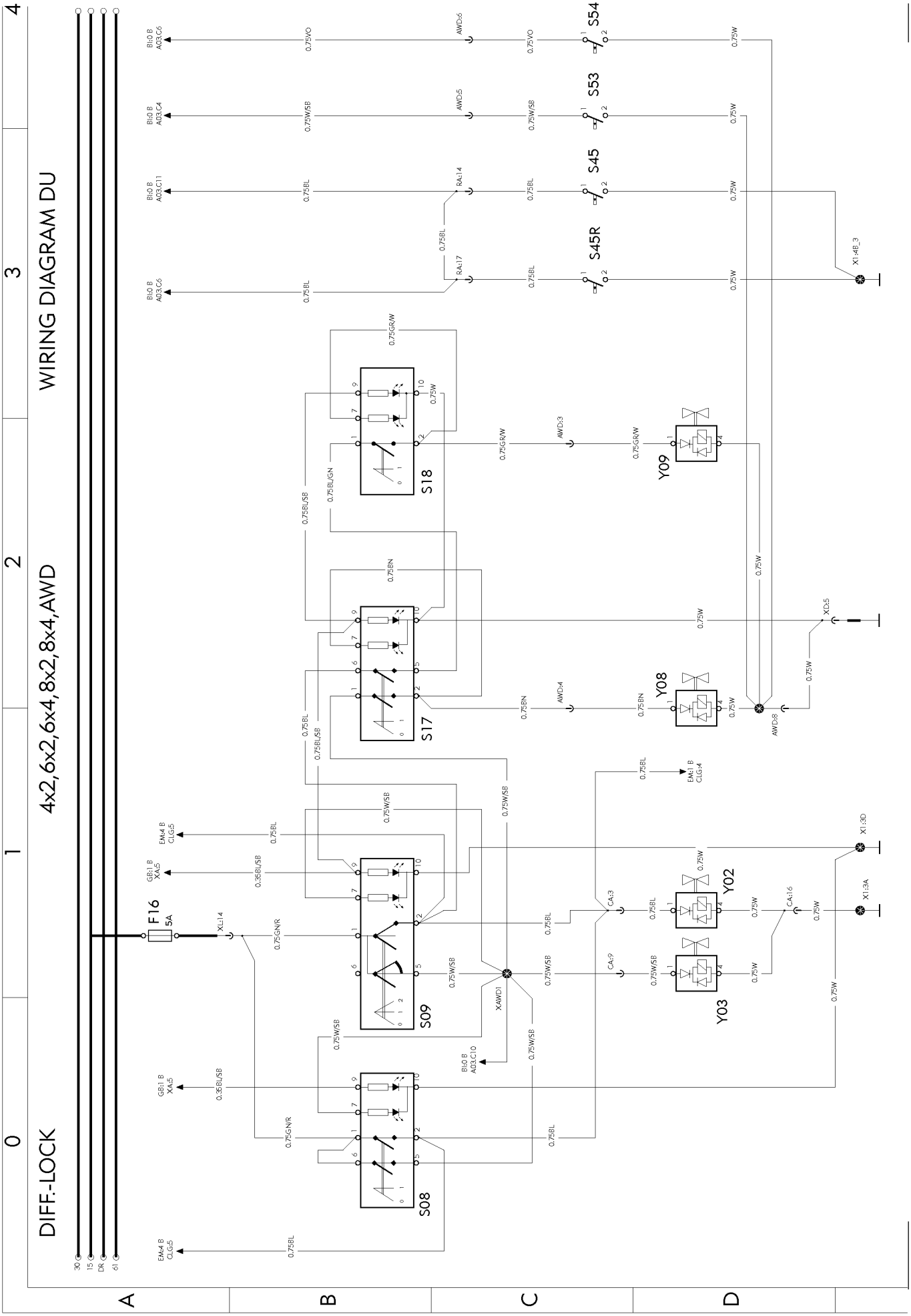
T3016265


WIRING DIAGRAM DM
MANUAL GEARSHIFT
RETARDER
Control unit, TECU (automatic transmission)
A13C
A41
B69B
B23C
B06B
Y17C
K5
F57
3A
F12
10A
F11
5A
CAN 1
J1939
J1708/J1587
0.75BN/W
0.75P
0.75GR
0.75BU/GN
0.75GN/W
0.75Y/SB
0.75BL/W
0.75SB
0.75OR
0.75GN
0.75Y
1.5R/W
1.5W
0.35BN/W
0.35P
0.35GR
0.35BU/GN
0.35GN/W
0.35Y/SB
0.35BL/W
CLF:10
CLF:12
CLF:11
XK:12
XK:9
XK:11
XL:7
XL:10
XC:9
RT:1
RT:7
RT:6
RT:5
RT:4
RT:3
RT:2
XA:3 D BAB:3
XA:2 D BAB:4
XB:3 D BAB:16
XB:1 D BAB:15
30
15
DR
61
85
86
87
87A

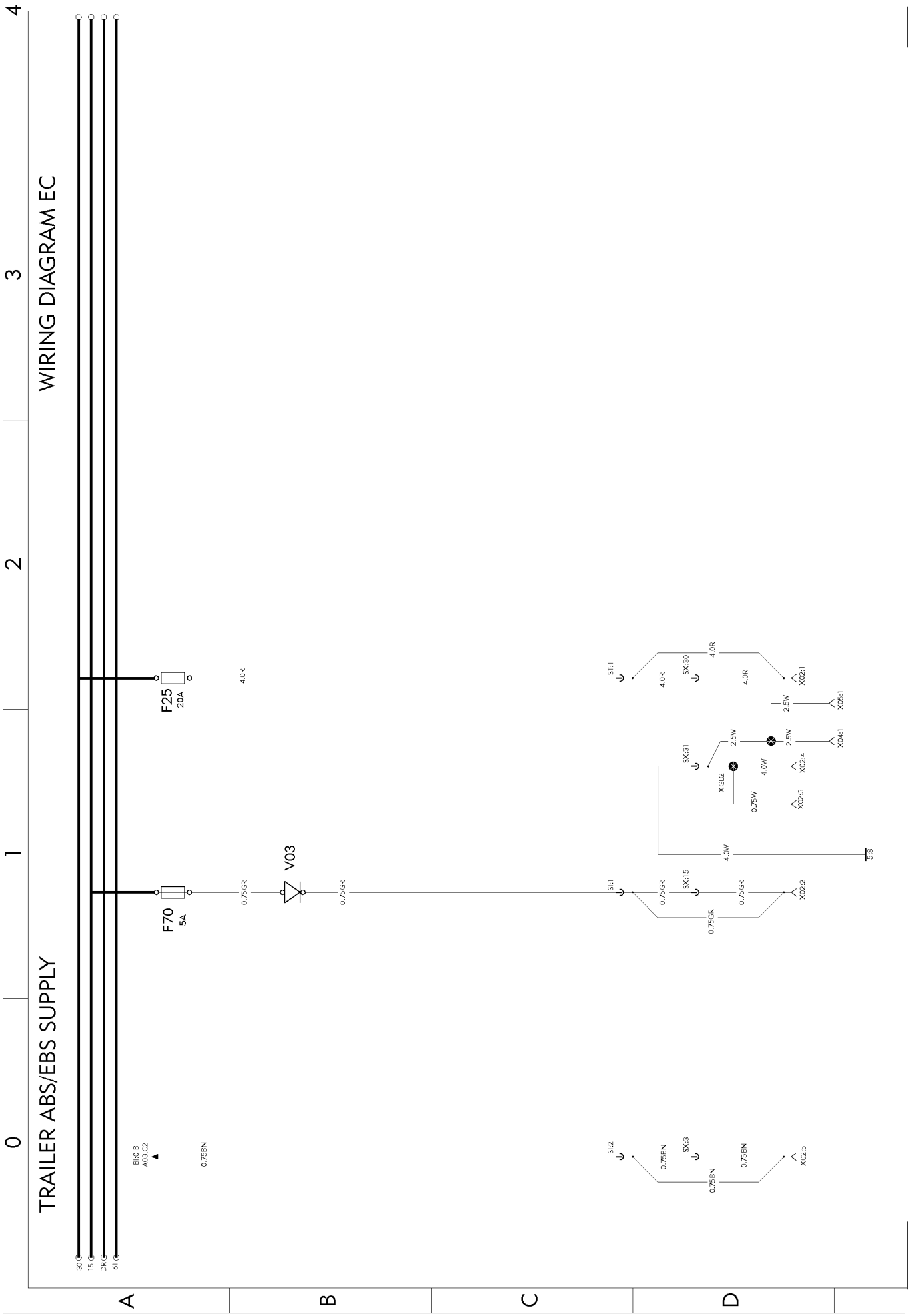

I-SHIFT
WIRING DIAGRAM DN
A13D
Control unit, TECU (automatic transmission)
TECU
A42
A41
B69C
B26B
B23D
B06C
Y18H
Y18G
Y17D
Y21
Y22
Y23
Y26

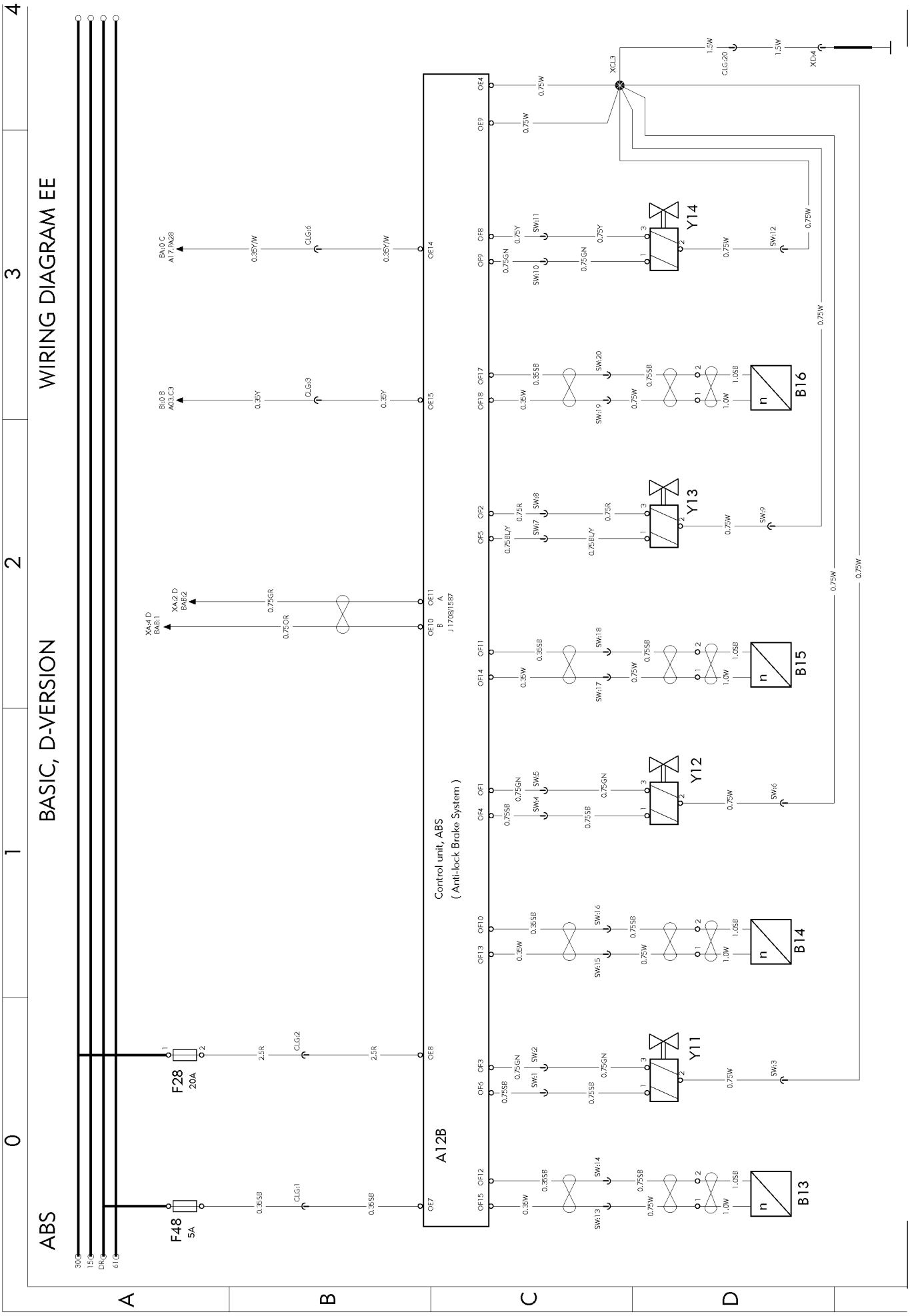
T3016267


WIRING DIAGRAM DQ
POWER TAKE OFF
0
1
2
3
4
A
B
C
D
30
15
DR
61
F16
5A
XL:13
0.75GN/R
S28
GB:2 B
XA:18
0.35BU/SB
HI:2 C
CLG:12
HM:1 B
PH:4
0.75BN
JV/JC:3
XDQ1
BA:0 C
A17.PA29
CA:4
Y18A
CA:1
BA:0 C
A17.PB16
0.75GN
0.75W
X1:3C

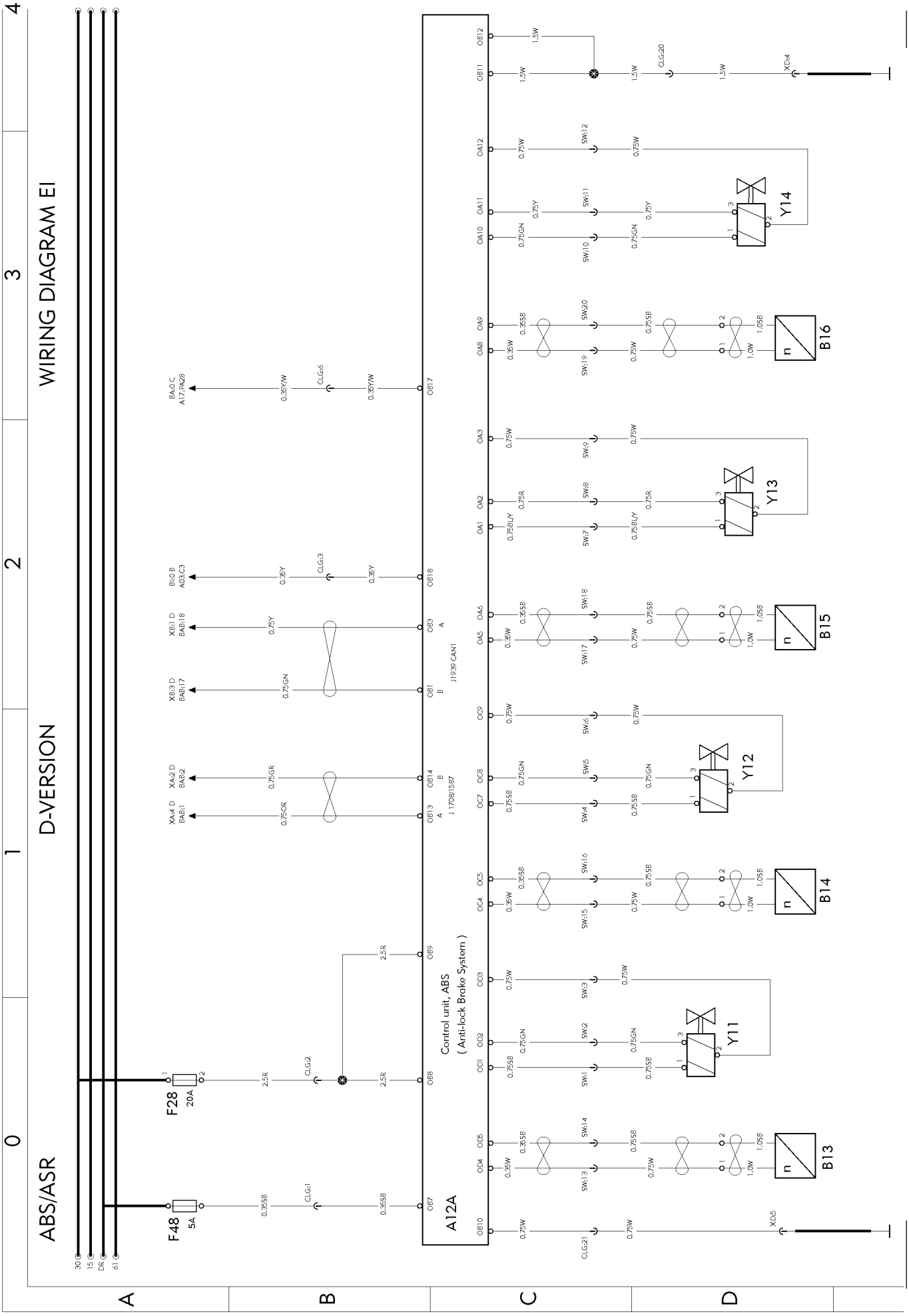

WIRING DIAGRAM DU
4x2,6x2,6x4,8x2,8x4,AWD
DIFF.-LOCK
F16
5A
S09
S08
S17
S18
S45
S45R
S53
S54
Y02
Y03
Y08
Y09
X4WD1
30
15
DR
61

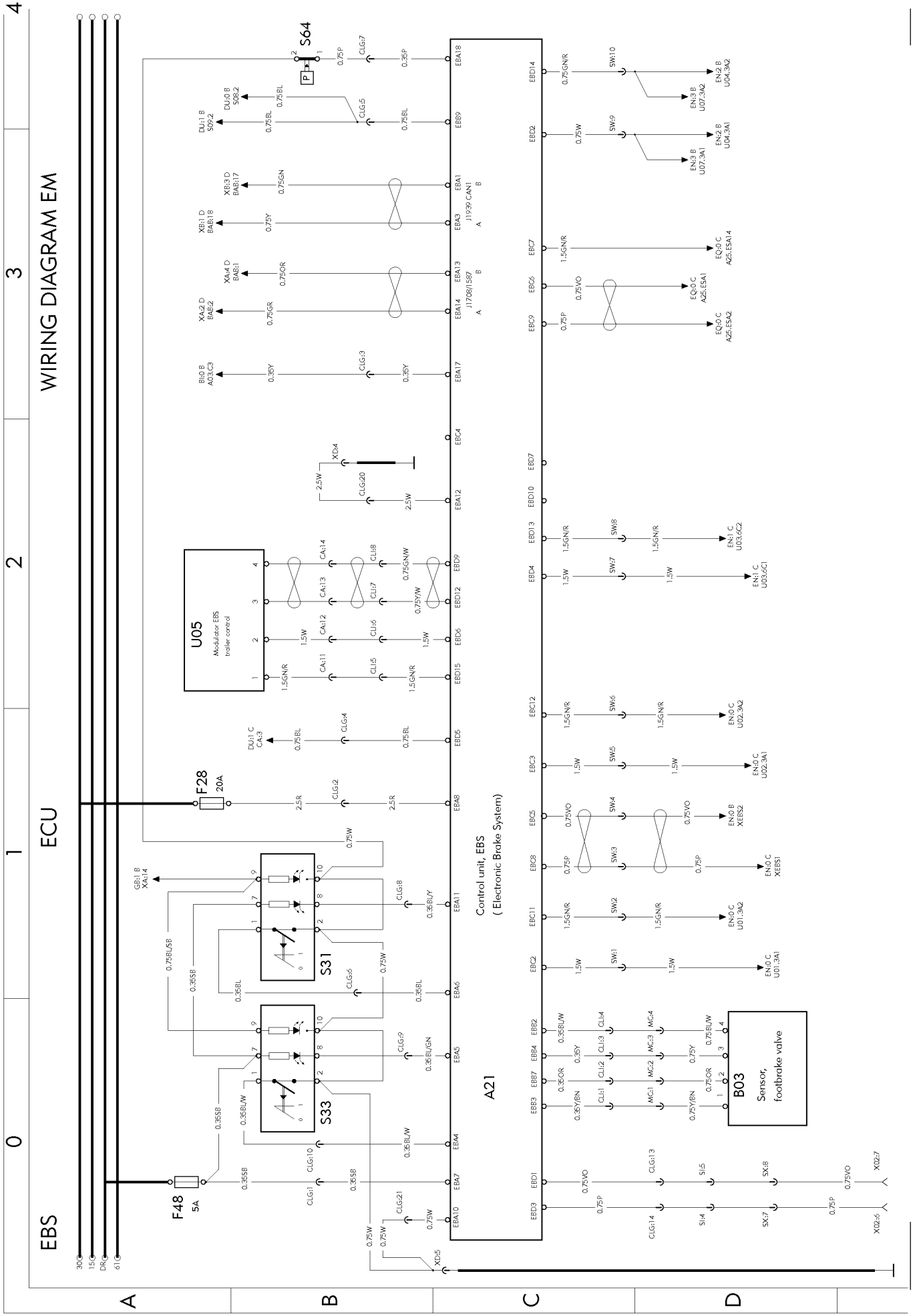
T3016269


WIRING DIAGRAM EC
TRAILER ABS/EBS SUPPLY
0
1
2
3
4
A
B
C
D
30
15
DR
61
F25
20A
F70
5A
V03
4.0R
0.75GR
0.75BN
2.5W
4.0W
0.75W
ST:1
SX:30
SX:31
SX:15
SX:3
SI:1
SI:2
XG82
X02:1
X02:2
X02:3
X02:4
X02:5
X04:1
X05:1
5:8
Bit:0 B
A03.C2

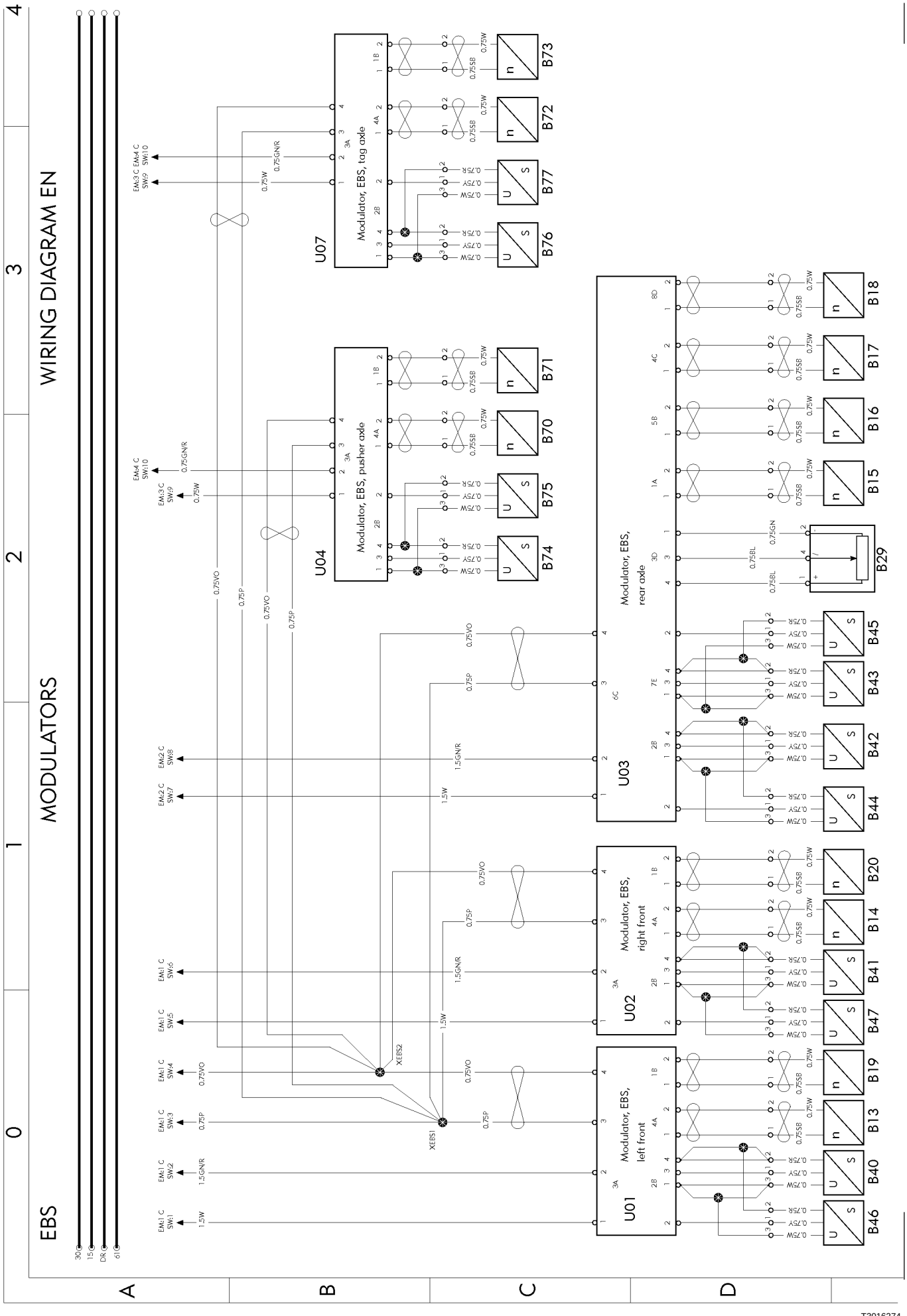

ABS
BASIC, D-VERSION
WIRING DIAGRAM EE
A12B
Control unit, ABS
(Anti-lock Brake System)
F48
5A
F28
20A
Y11
Y12
Y13
Y14
B13
B14
B15
B16
XC:L3
XC:4
CLG:20
BA:0 C
A17,PA28
Bl:0 B
A03,C3
XA:4 D
BAB:1
XA:2 D
BAB:2
J 1708/1587
30
15
DR
61

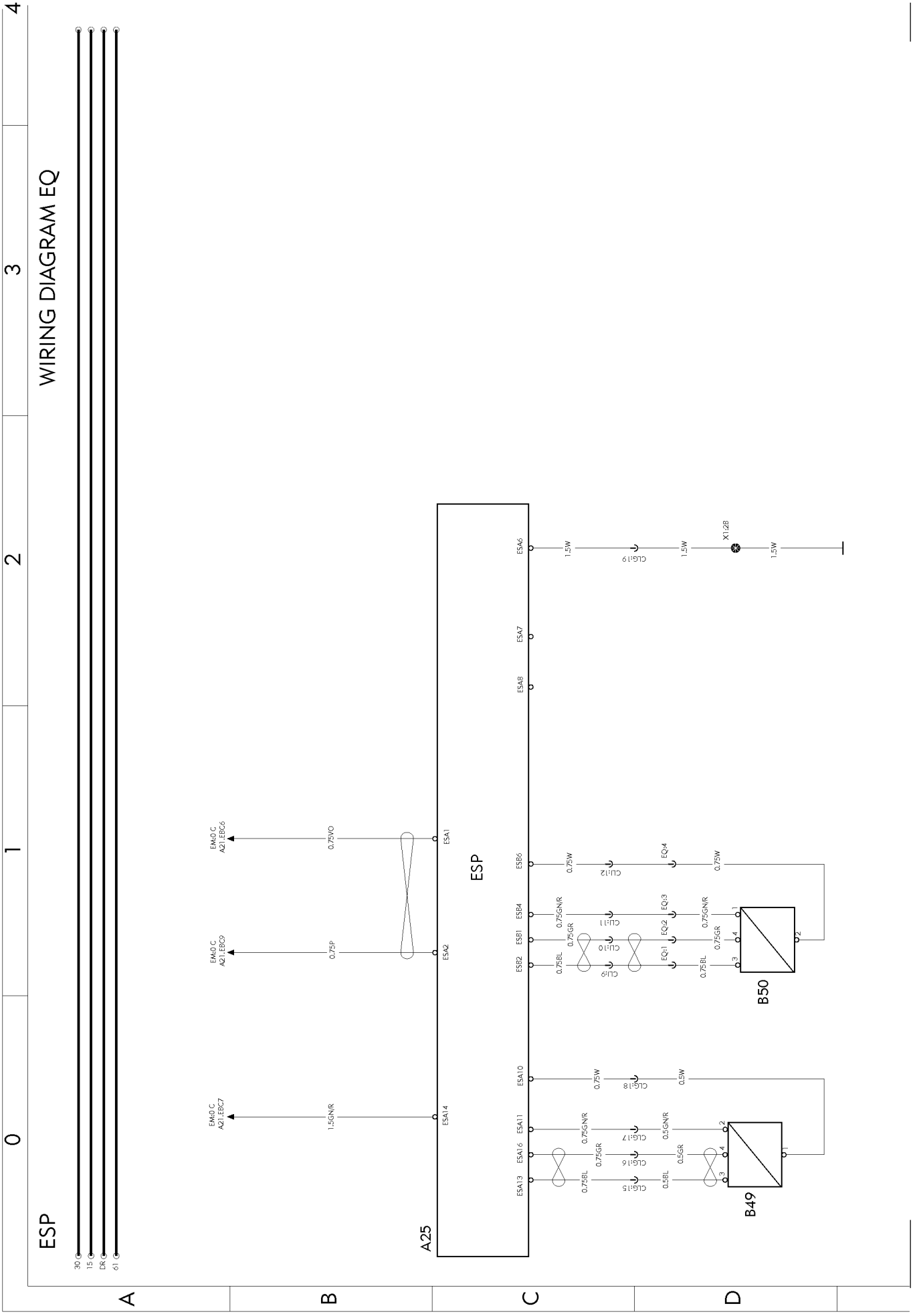
T3016271


ABS/ASR
D-VERSION
WIRING DIAGRAM EI
A12A
Control unit, ABS
(Anti-lock Brake System)
F48
5A
F28
20A
Y11
Y12
Y13
Y14
B13
B14
B15
B16
J1939 CAN1
J 1708/1587

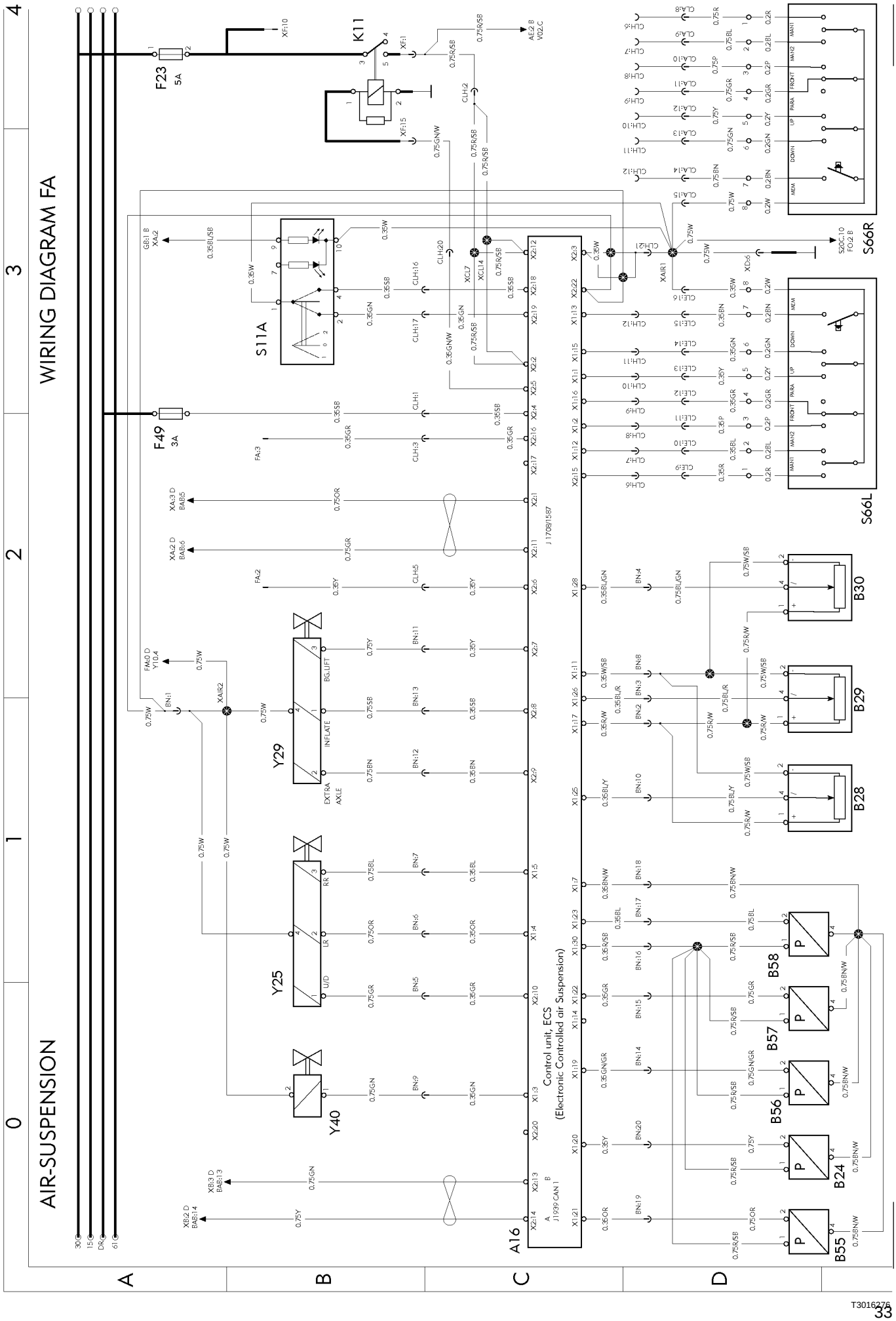

WIRING DIAGRAM EM
EBS
ECU
A21
Control unit, EBS
(Electronic Brake System)
U05
Modulator EBS
trailer control
S64
S31
S33
B03
Sensor,
footbrake valve
F28
20A
F48
5A
30
15
DR
61

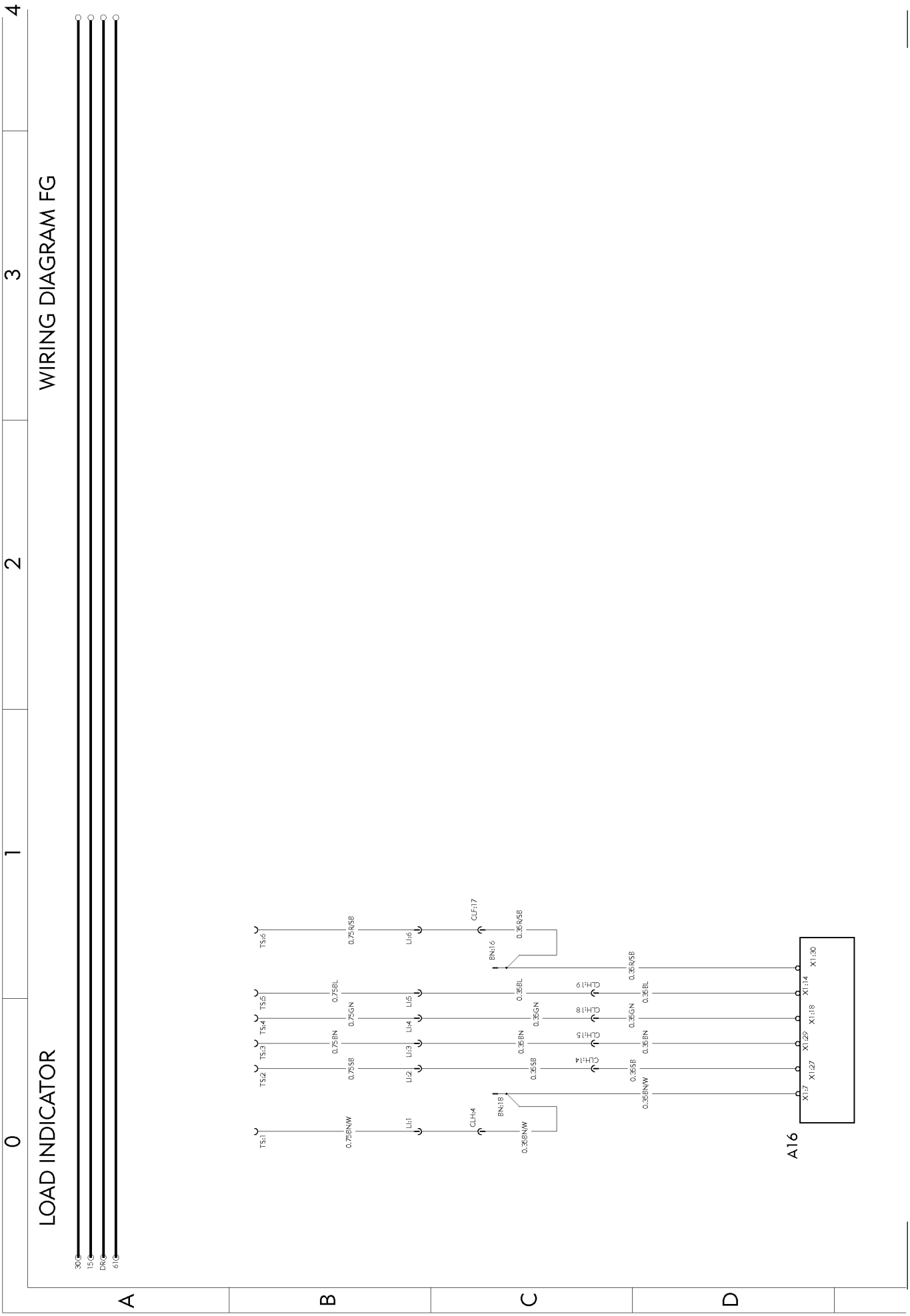
T3016273


EBS
MODULATORS
WIRING DIAGRAM EN
0
1
2
3
4
A
B
C
D
30
15
DR
61
U01
Modulator, EBS, left front
U02
Modulator, EBS, right front
U03
Modulator, EBS, rear axle
U04
Modulator, EBS, pusher axle
U07
Modulator, EBS, tag axle
XEBS1
XEBS2
B29

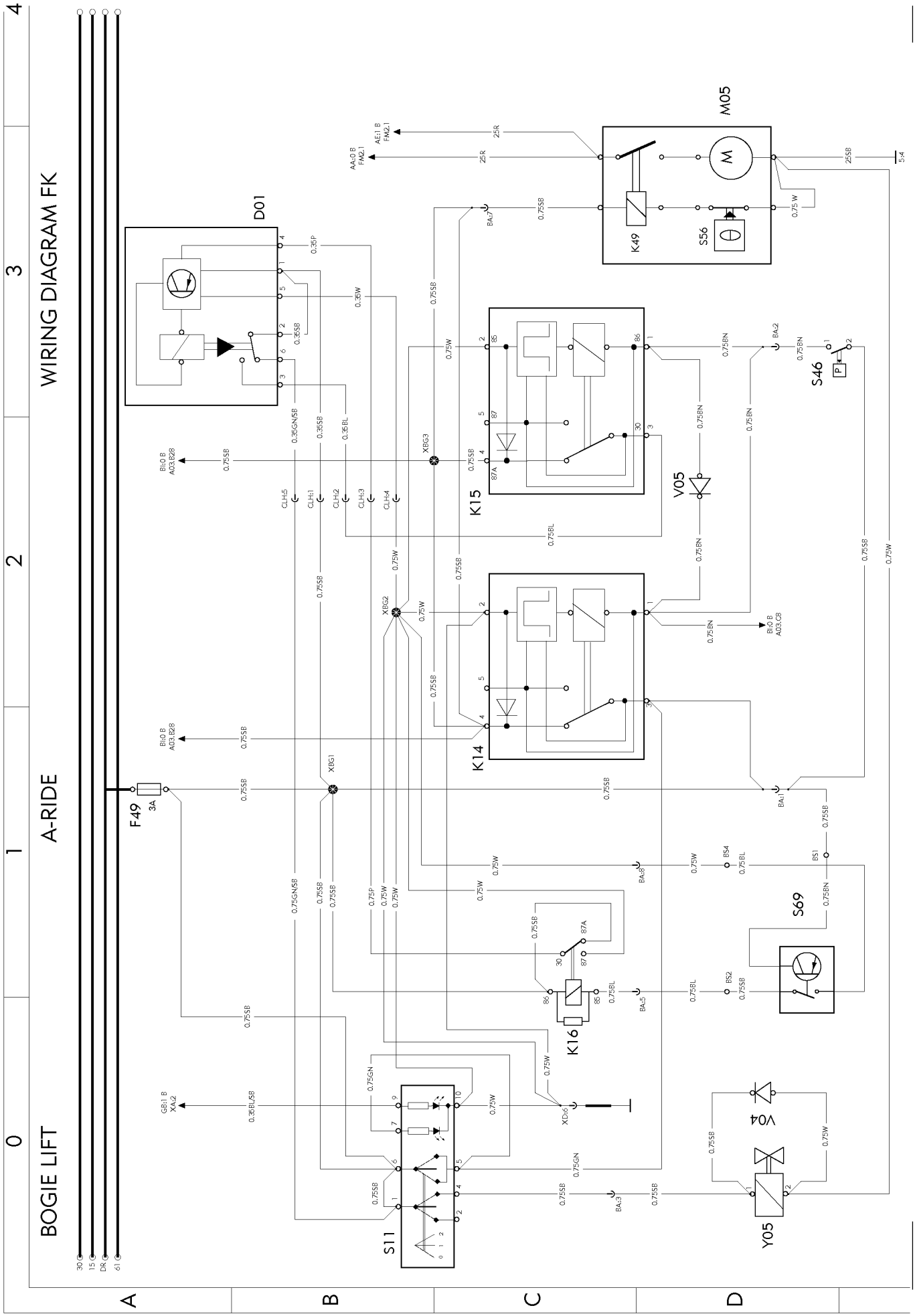

WIRING DIAGRAM EQ
ESP
30
15
DR
61
A25
ESP
ESA1
ESA2
ESA14
ESA10
ESA11
ESA16
ESA13
ESA6
ESA7
ESA8
ESB6
ESB4
ESB1
ESB2
EM:0 C
A21.EBC6
EM:0 C
A21.EBC9
EM:0 C
A21.EBC7
0.75VIO
0.75P
1.5GN/R
0.75W
0.75GN/R
0.75GR
0.75BL
0.5W
0.5GN/R
0.5GR
0.5BL
1.5W
CLE:19
CLE:12
CLE:11
CLE:10
CLE:9
CLE:18
CLE:17
CLE:16
CLE:15
EQ:4
EQ:3
EQ:2
EQ:1
X1:28
B50
B49
A
B
C
D
0
1
2
3
4

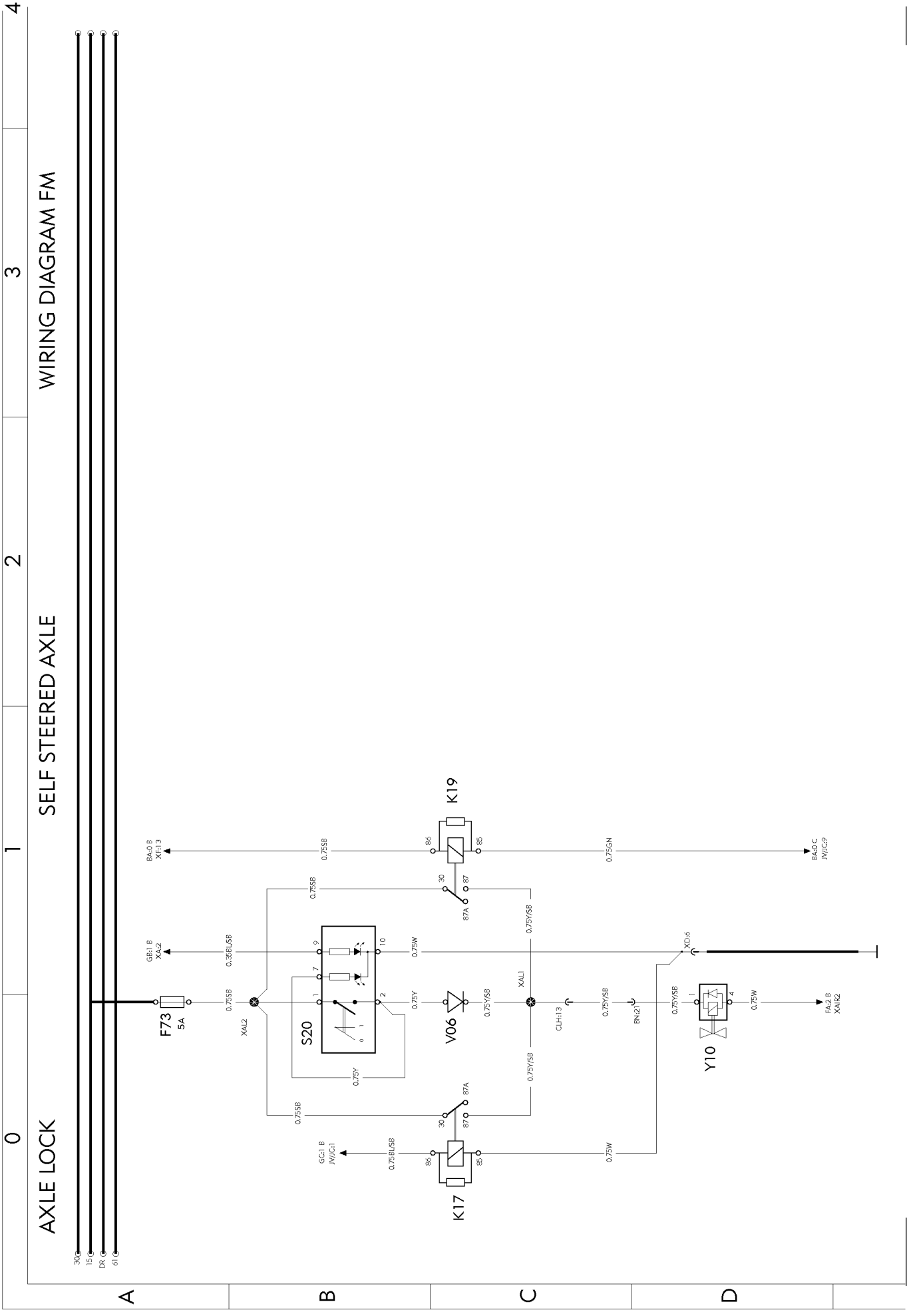
T3016275


WIRING DIAGRAM FA
AIR-SUSPENSION
A16
Control unit, ECS
(Electronic Controlled air Suspension)
S11A
S66R
S66L
K11
F23
5A
F49
3A
Y29
Y25
Y40
B24
B28
B29
B30
B55
B56
B57
B58
30
15
DR
61

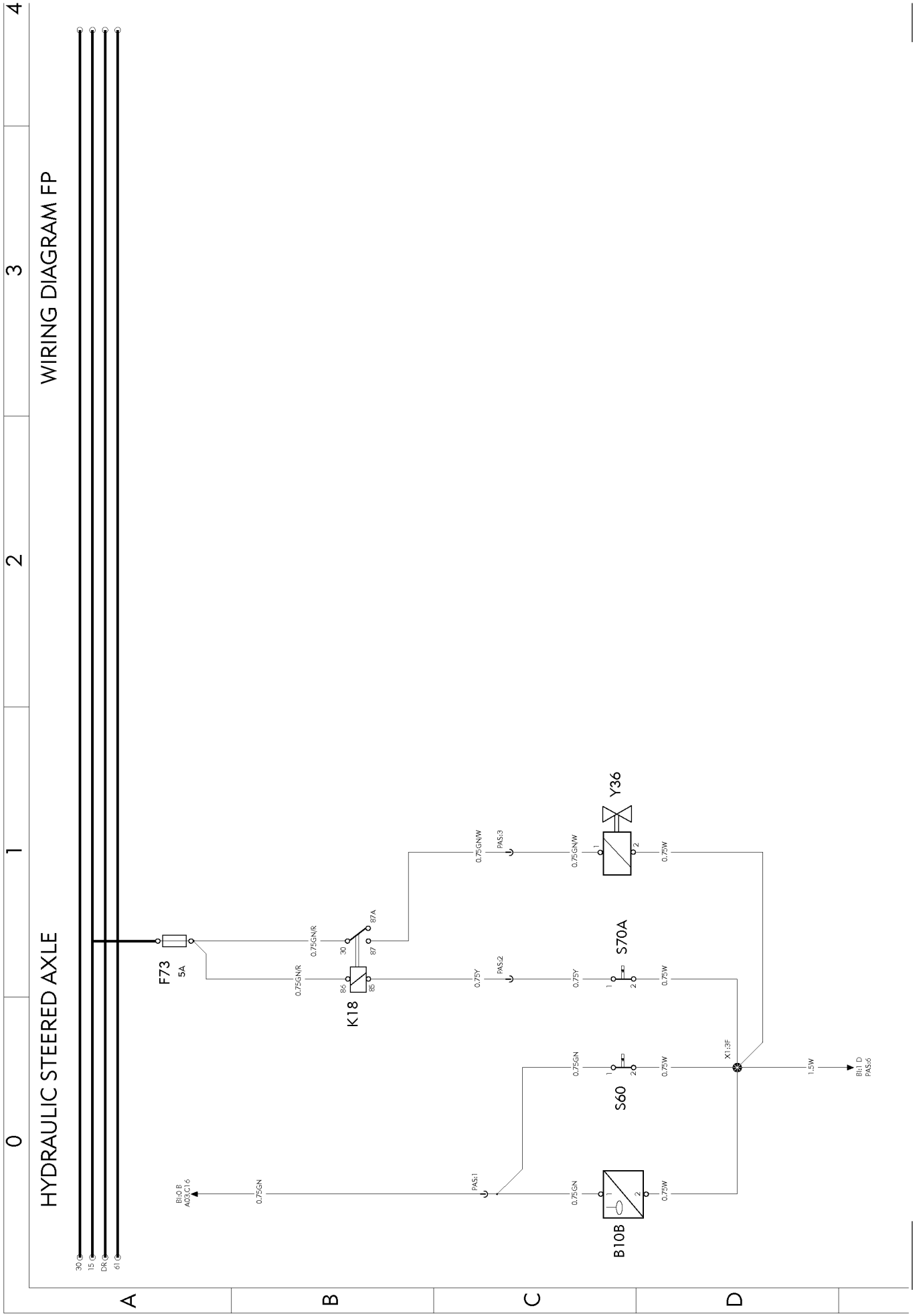

WIRING DIAGRAM FG
LOAD INDICATOR
30
15
DR
61
A
B
C
D
0
1
2
3
4
TS:1
TS:2
TS:3
TS:4
TS:5
TS:6
0.75BN/W
0.75S/B
0.75BN
0.75G/N
0.75BL
0.75N/SB
LI:1
LI:2
LI:3
LI:4
LI:5
LI:6
CLH:4
BN:18
CLF:17
BN:16
0.35BN/W
0.35S/B
0.35BN
0.35G/N
0.35BL
0.35N/SB
CLH:14
CLH:15
CLH:18
CLH:19
A16
X1:7
X1:27
X1:29
X1:18
X1:14
X1:30

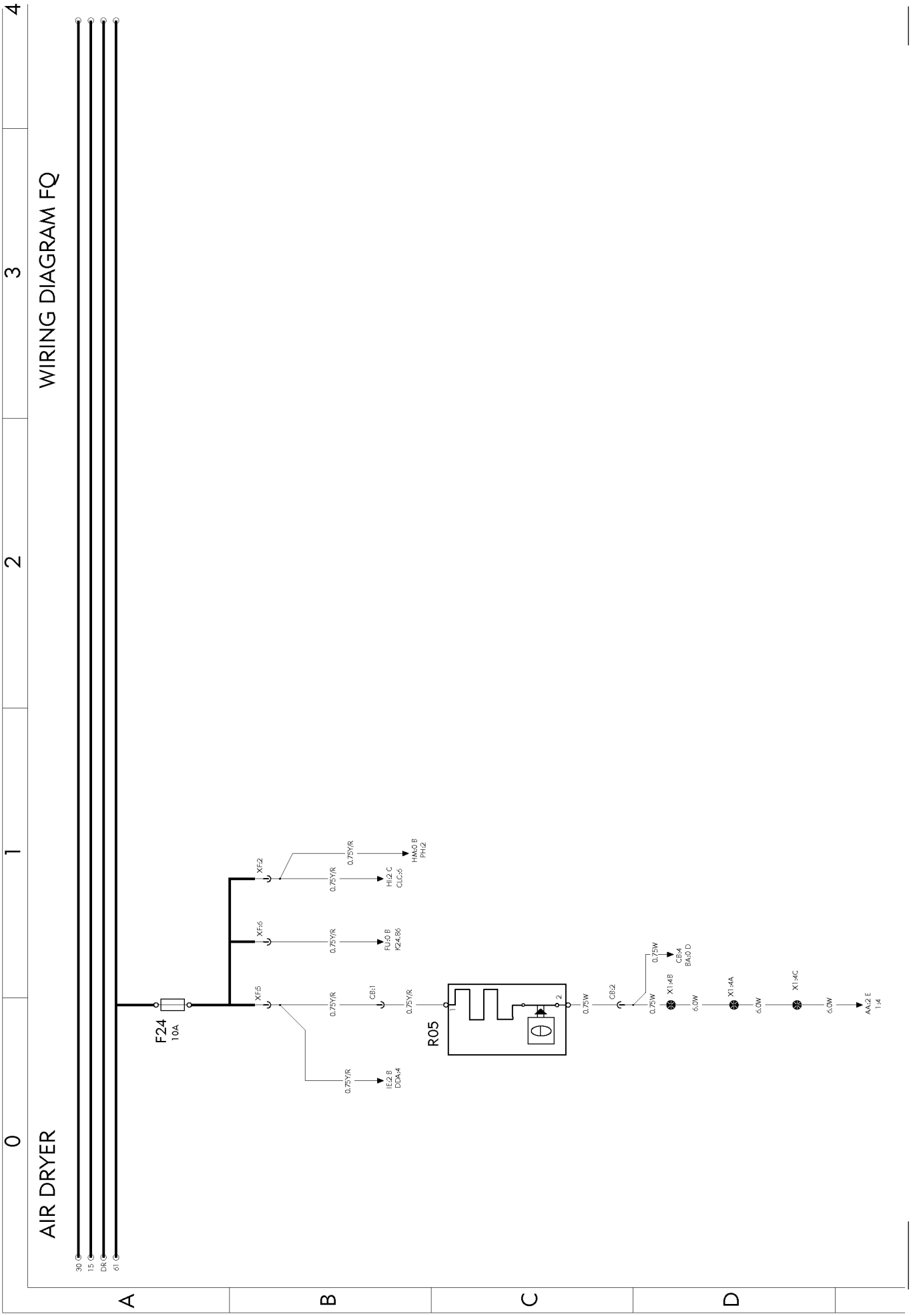
T3016277

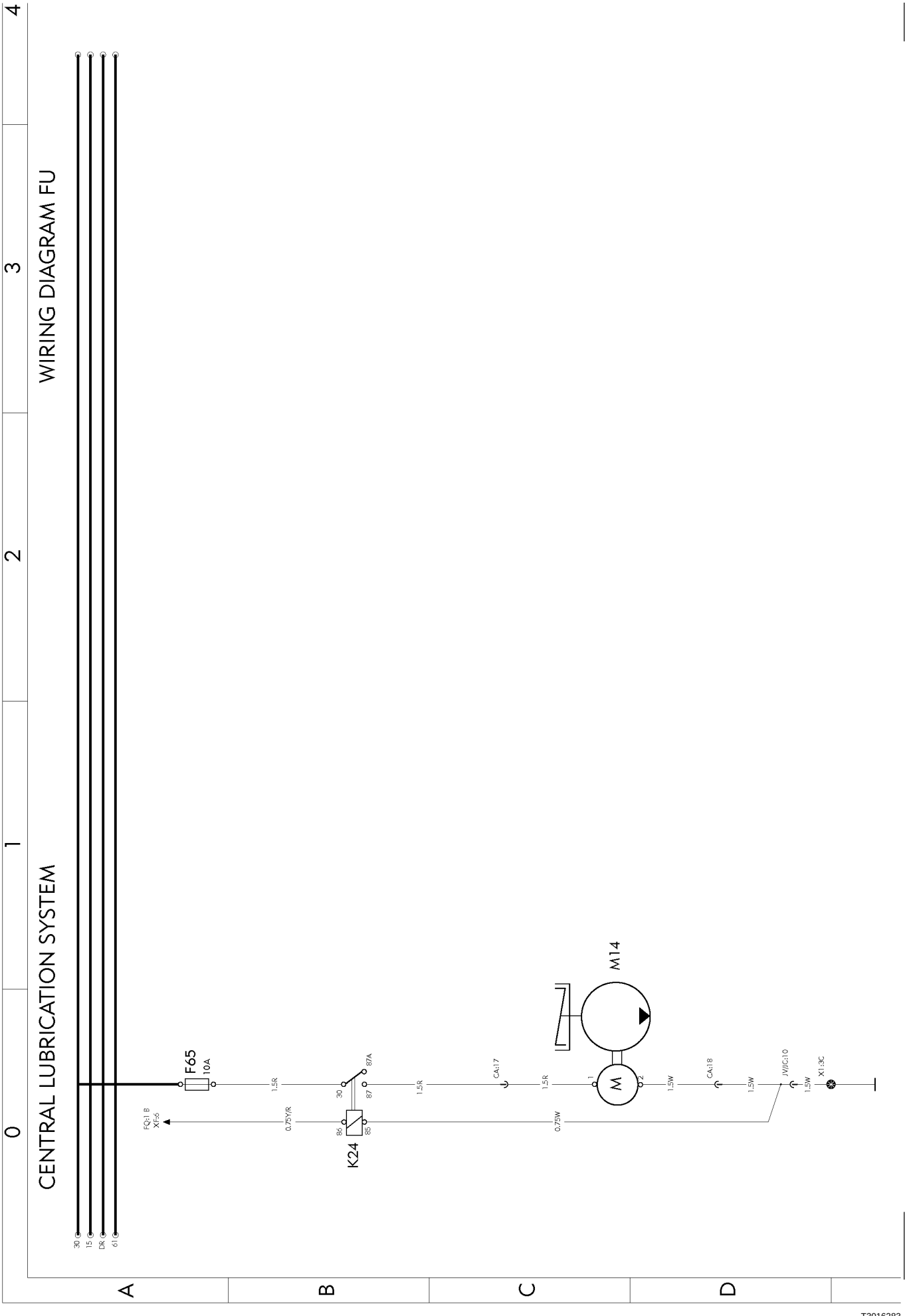

WIRING DIAGRAM FK
A-RIDE
BOGIE LIFT
M05
K49
S56
D01
K15
K14
K16
V05
V04
Y05
S11
S69
S46
F49
3A
XBG1
XBG2
XBG3
0,75SB
0,75W
0,75BN
0,75BL
0,75GN/SB
0,35BL/SB
0,75GN
0,75P
0,35P
0,35W
0,35SB
0,35GN/SB
25R
25SB
0,75 W

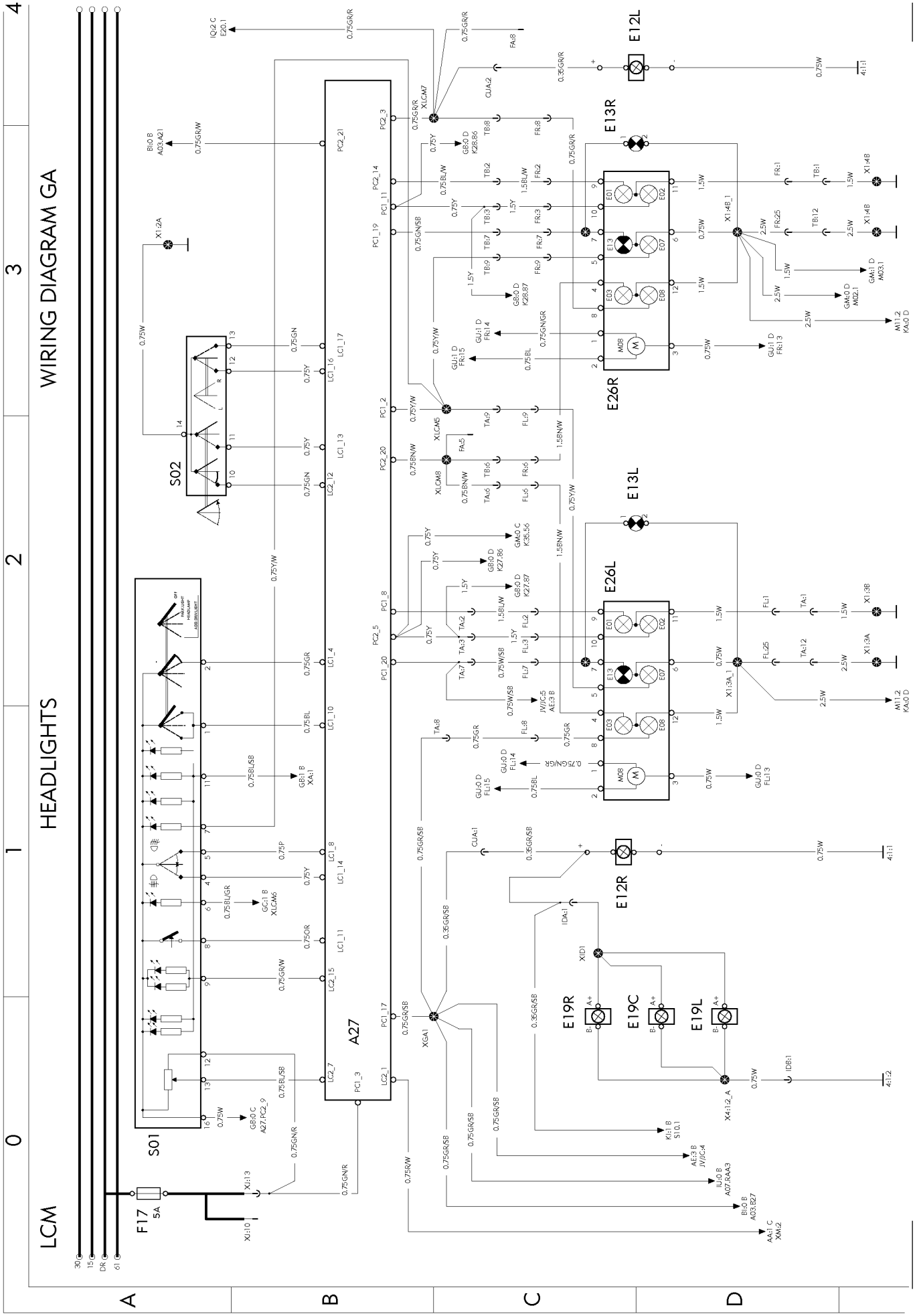

AXLE LOCK
SELF STEERED AXLE
WIRING DIAGRAM FM
30
15
DR
61
F73
5A
XAL2
S20
V06
K19
K17
Y10
XAL1
XD:6
FA2 B
XAR2
BA:0 B
XF:13
BA:0 C
JW/C:9
GB:1 B
XA:2
GC:1 B
JW/C:1
CLH:13
BN:21
0,75SB
0,35BL/SB
0,75Y
0,75W
0,75GN
0,75Y/SB
0,75BL/SB
86
85
30
87
87A

T3016279

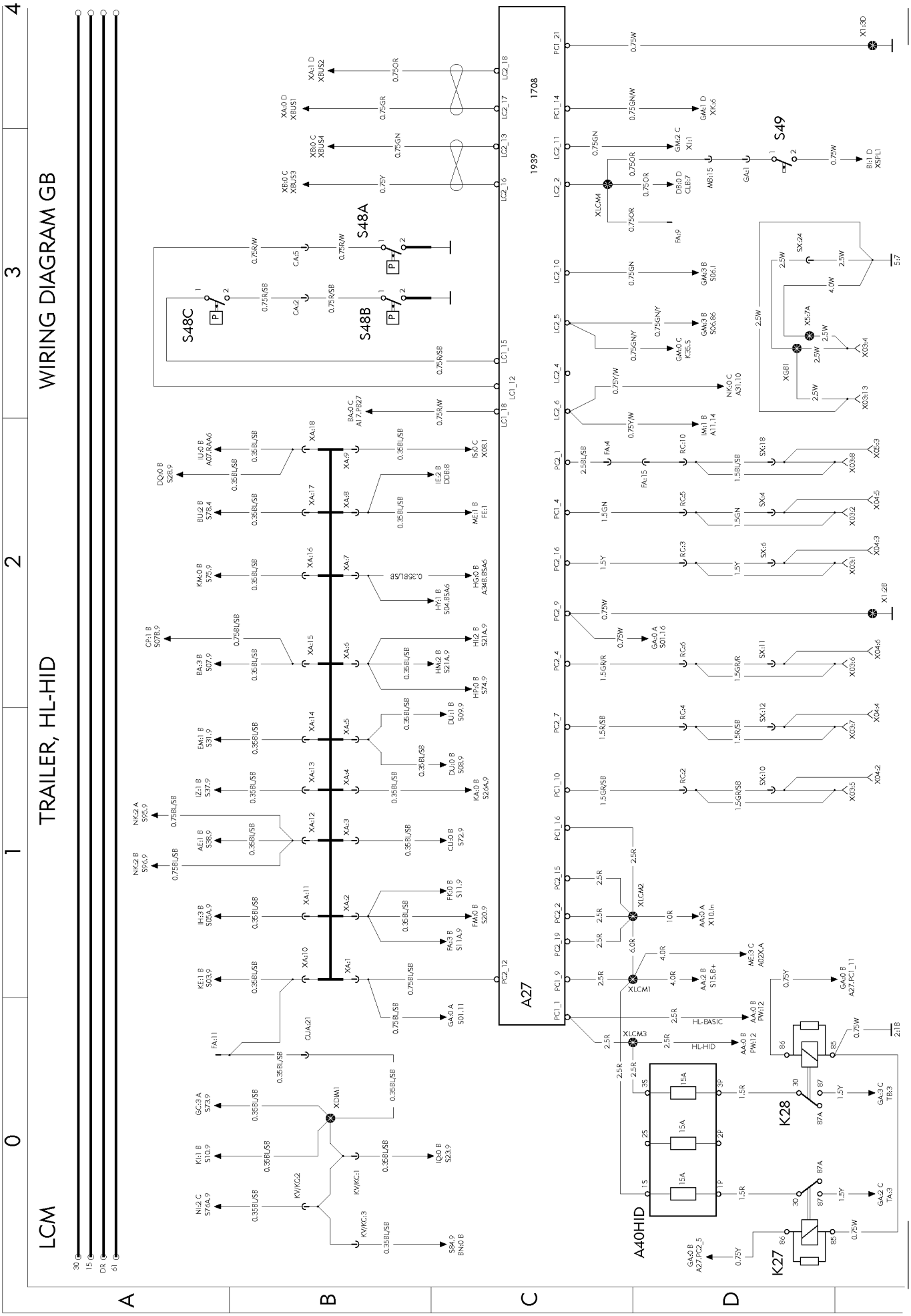

HYDRAULIC STEERED AXLE
WIRING DIAGRAM FP
0
1
2
3
4
A
B
C
D
30
15
DR
61
F73
5A
K18
86
85
30
87
87A
0,75GN/R
0,75GN/R
0,75Y
PAS:2
0,75Y
0,75W
S70A
0,75GN/W
PAS:3
0,75GN/W
0,75W
Y36
0,75GN
PAS:1
0,75GN
0,75W
S60
0,75GN
0,75W
B10B
X1:3F
1,5W
Bl:1 D
PAS:6
Bl:0 B
AD3:C1 6
0,75GN

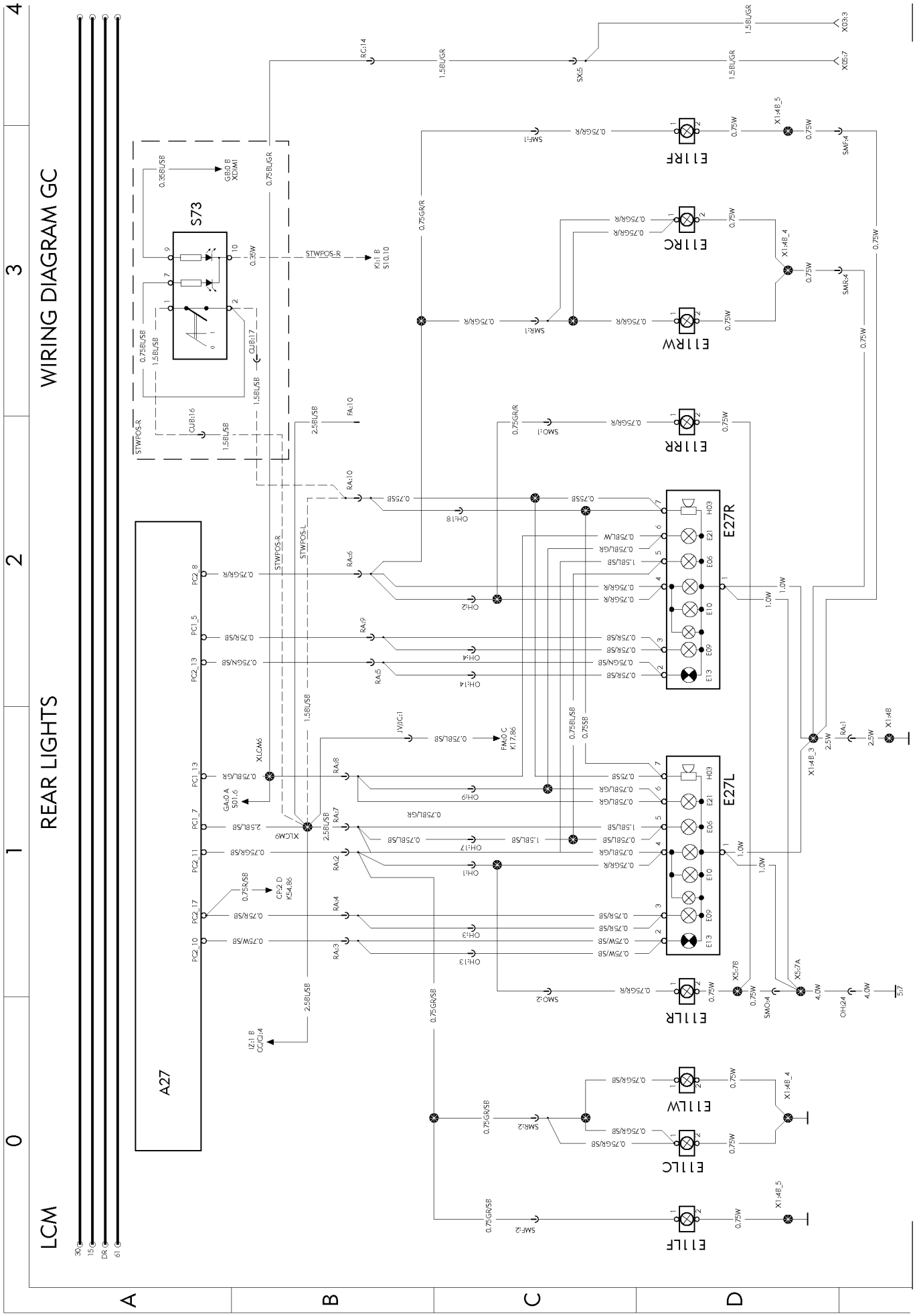

WIRING DIAGRAM FQ
AIR DRYER
0
1
2
3
4
A
B
C
D
30
15
DR
61
F24
10A
XF:2
XF:6
XF:5
0.75YR
HM:0.B
PH:2
HI:2.C
CLC:6
PL:0.B
K24:86
CB:1
IE2.B
D3A:4
R05
CB:2
0.75W
X1:4B
CB:4
B4A:0.D
X1:4A
X1:4C
6.0W
AA:2.E
1:4
T3016282


WIRING DIAGRAM FU
CENTRAL LUBRICATION SYSTEM
0
1
2
3
4
A
B
C
D
30
15
DR
61
F65
10A
1.5R
FQ:1 B
XF:6
0.75YR
30
87A
87
86
85
K24
1.5R
CA:17
1.5R
0.75W
M14
M
1
2
1.5W
CA:18
1.5W
JVJC:10
1.5W
X1:3C

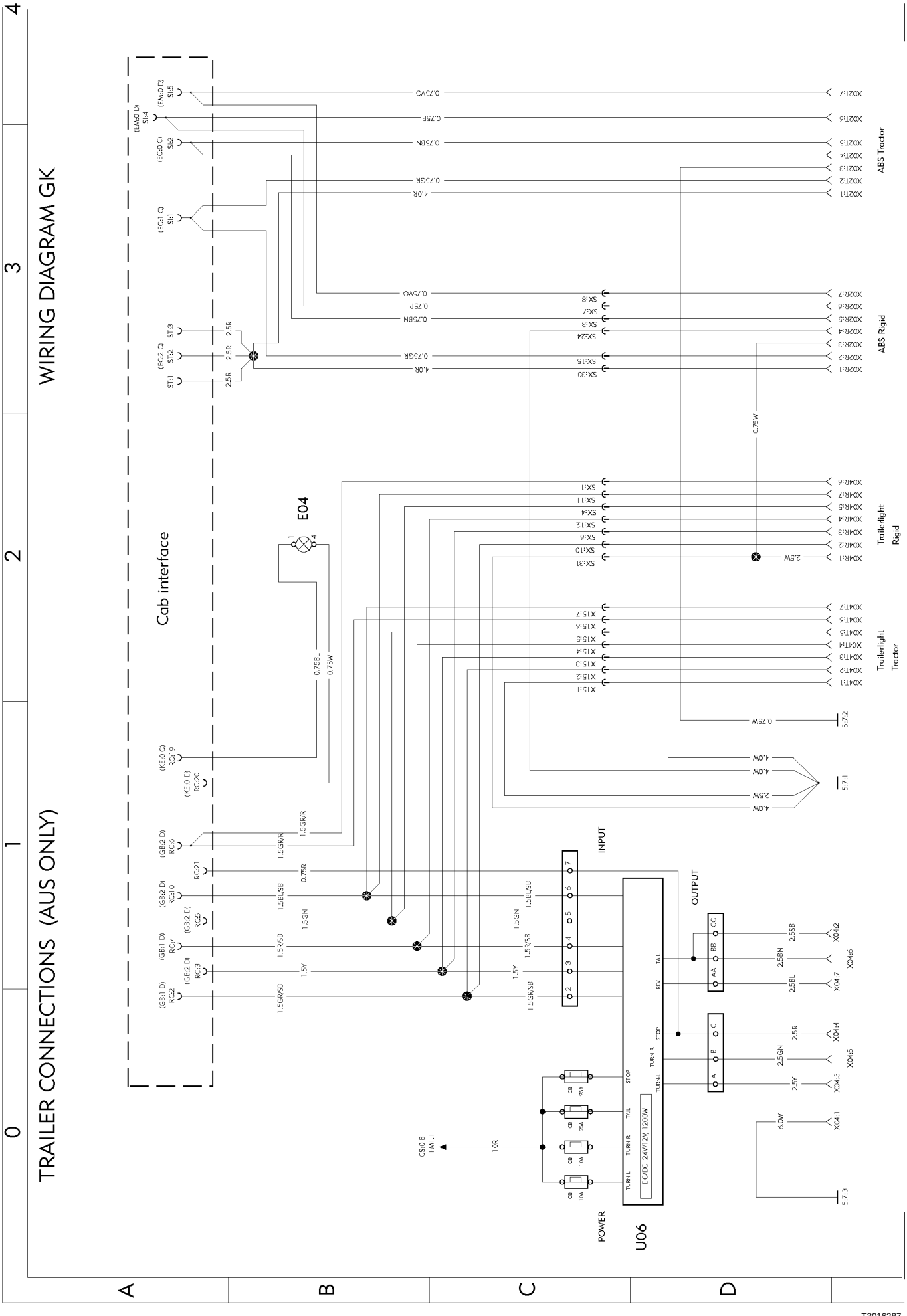

WIRING DIAGRAM GA
HEADLIGHTS
LCM
F17
5A
S01
S02
A27
E12L
E12R
E13R
E13L
E26R
E26L
E19R
E19C
E19L
0
1
2
3
4
A
B
C
D

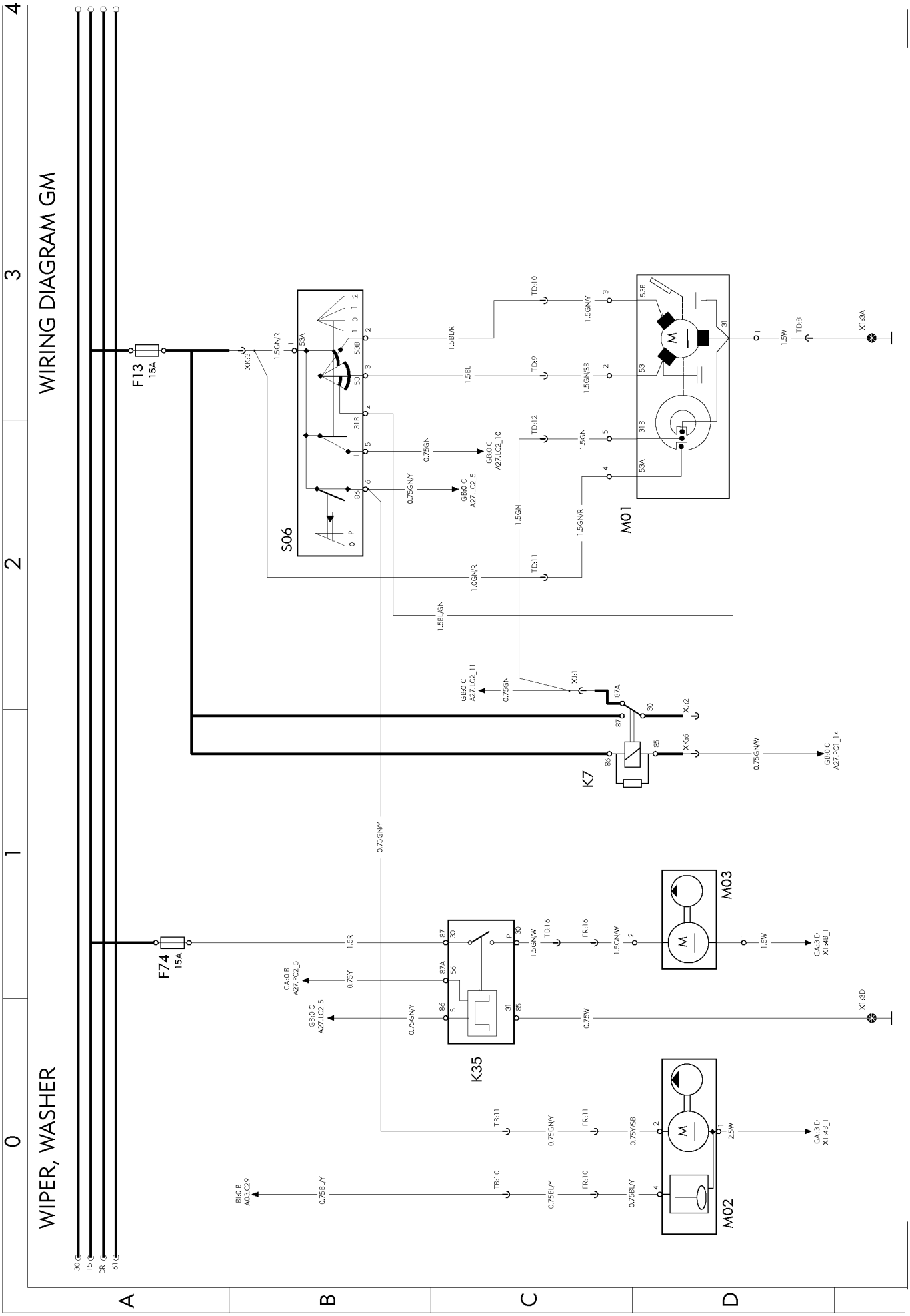
T3016284


WIRING DIAGRAM GB
TRAILER, HL-HID
LCM
A27
A40HID
S48C
S48B
S48A
S49
K27
K28
XLCM1
XLCM2
XLCM3
XLCM4
XDIM1
1708
1939

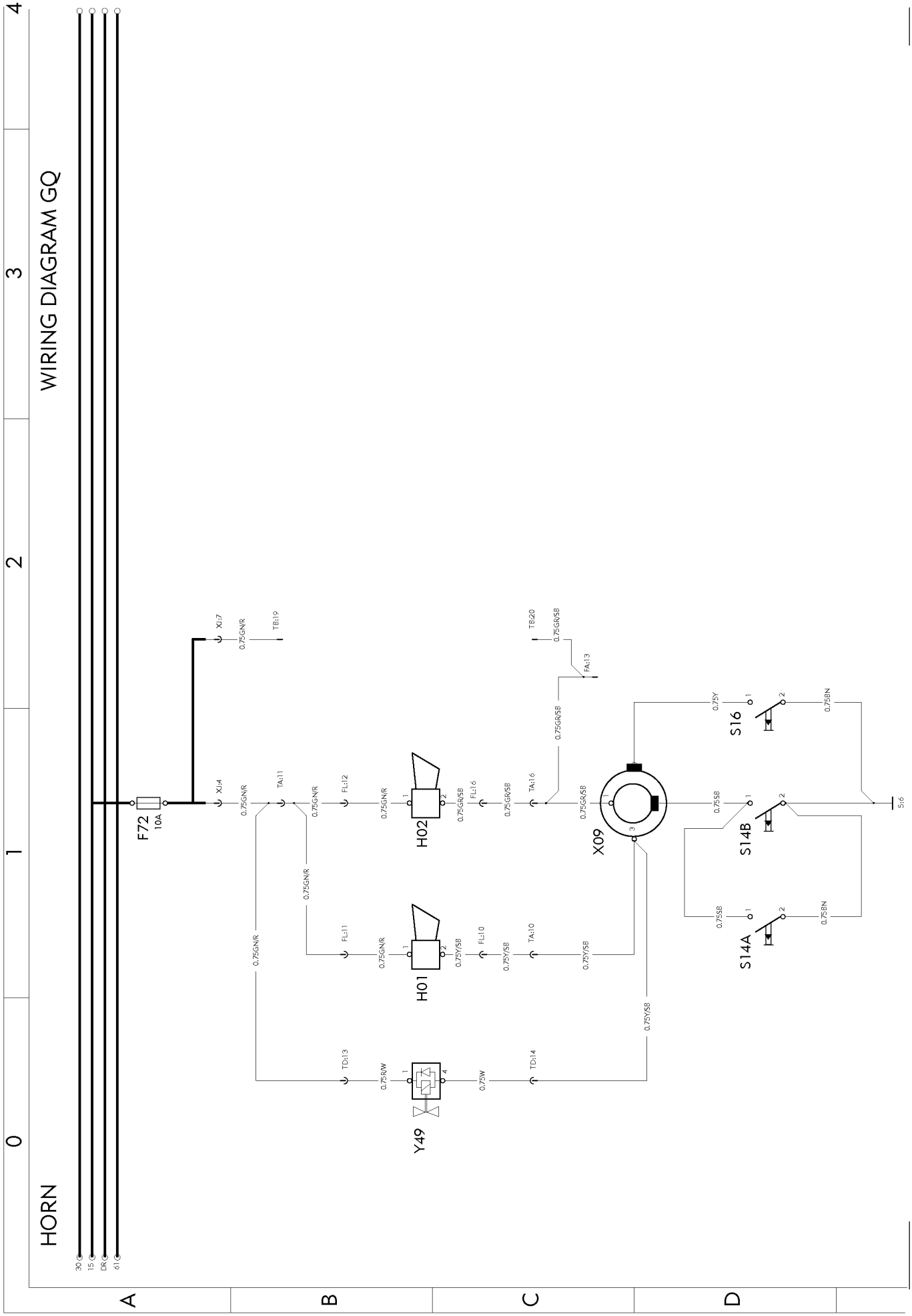

WIRING DIAGRAM GC
REAR LIGHTS
LCM
A27
S73
E27R
E27L
E11RF
E11RC
E11RW
E11RR
E11LR
E11LW
E11LC
E11LF
XLCM6
XLCM9
STWPOS-R
STWPOS-L
0.75GR/R
0.75GR/SB
0.75R/SB
0.75SB
0.75BL/GR
0.75BL/SB
0.75GN/SB
0.75W/SB
1.5BL/SB
1.5BU/SB
2.5BU/SB
2.5BL/SB
0.35W
0.35BU/SB
0.75BU/GR
1.5BU/GR
1.0W
2.5W
4.0W
30
15
DR
61
A
B
C
D
0
1
2
3
4

T3016286

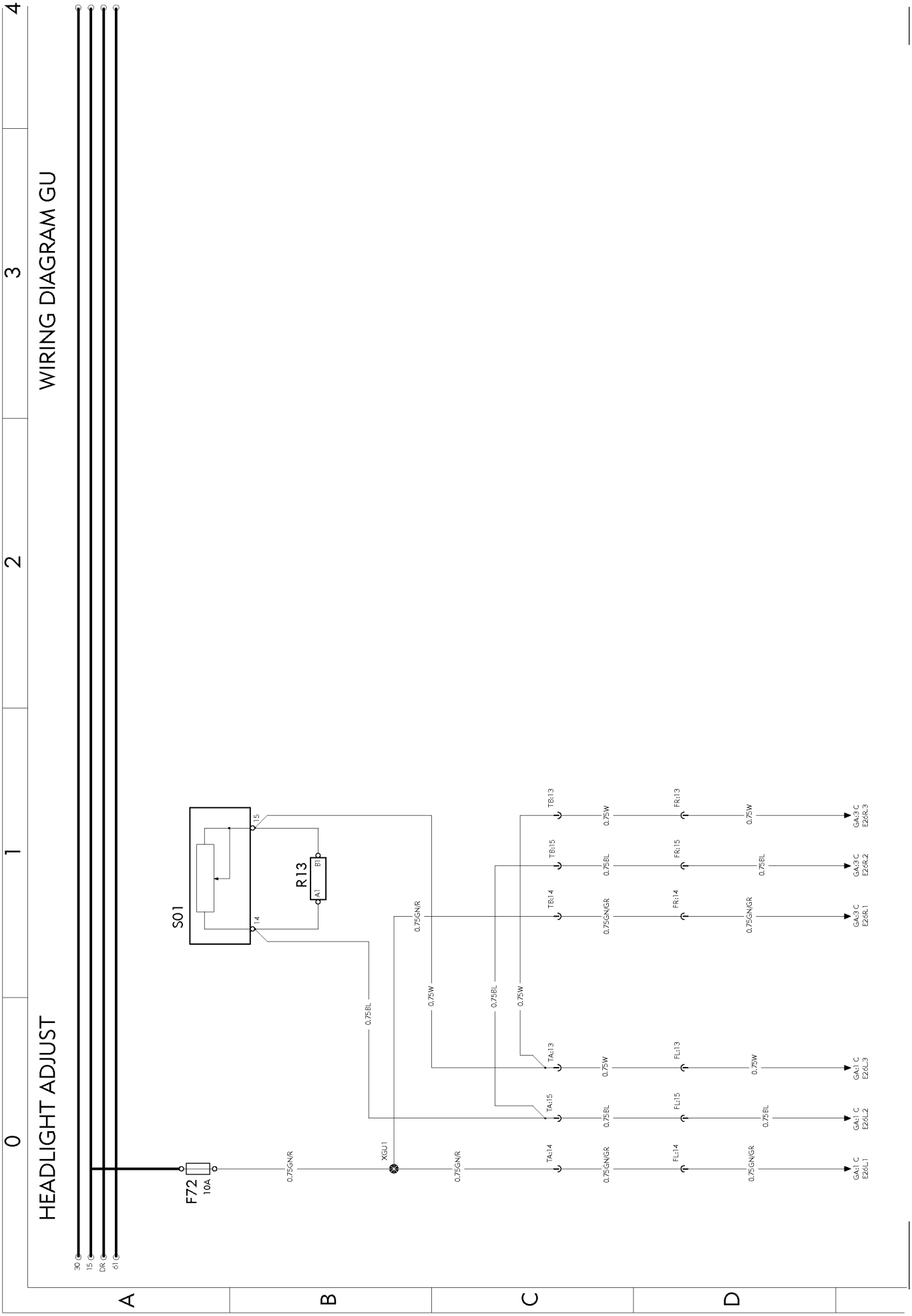

TRAILER CONNECTIONS (AUS ONLY)
WIRING DIAGRAM GK
Cab interface
E04
U06
POWER
INPUT
OUTPUT
DC/DC 24V/12V 1200W
ABS Tractor
ABS Rigid
Trailerlight Rigid
Trailerlight Tractor


WIRING DIAGRAM GM
WIPER, WASHER
F13
15A
F74
15A
S06
K7
K35
M01
M02
M03
30
15
DR
61
1.5GN/R
1.5BL/R
1.5BL
1.5GN/SB
1.5GN
1.0GN/R
1.5BL/GN
0.75GN
0.75GN/Y
0.75GN/W
1.5R
0.75Y
0.75Y/SB
0.75BL/Y
0.75W
1.5W
2.5W
A
B
C
D

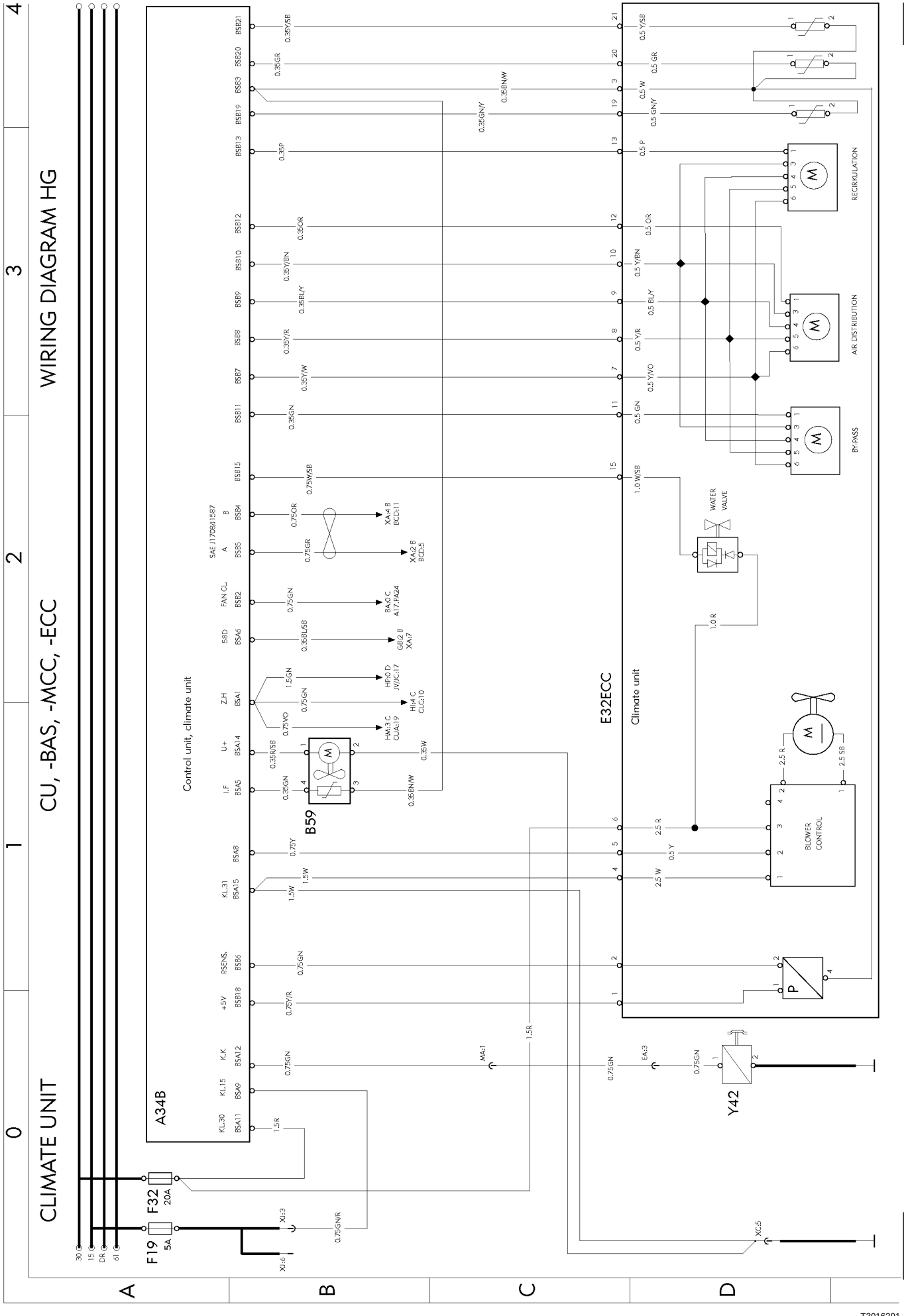
T3016288

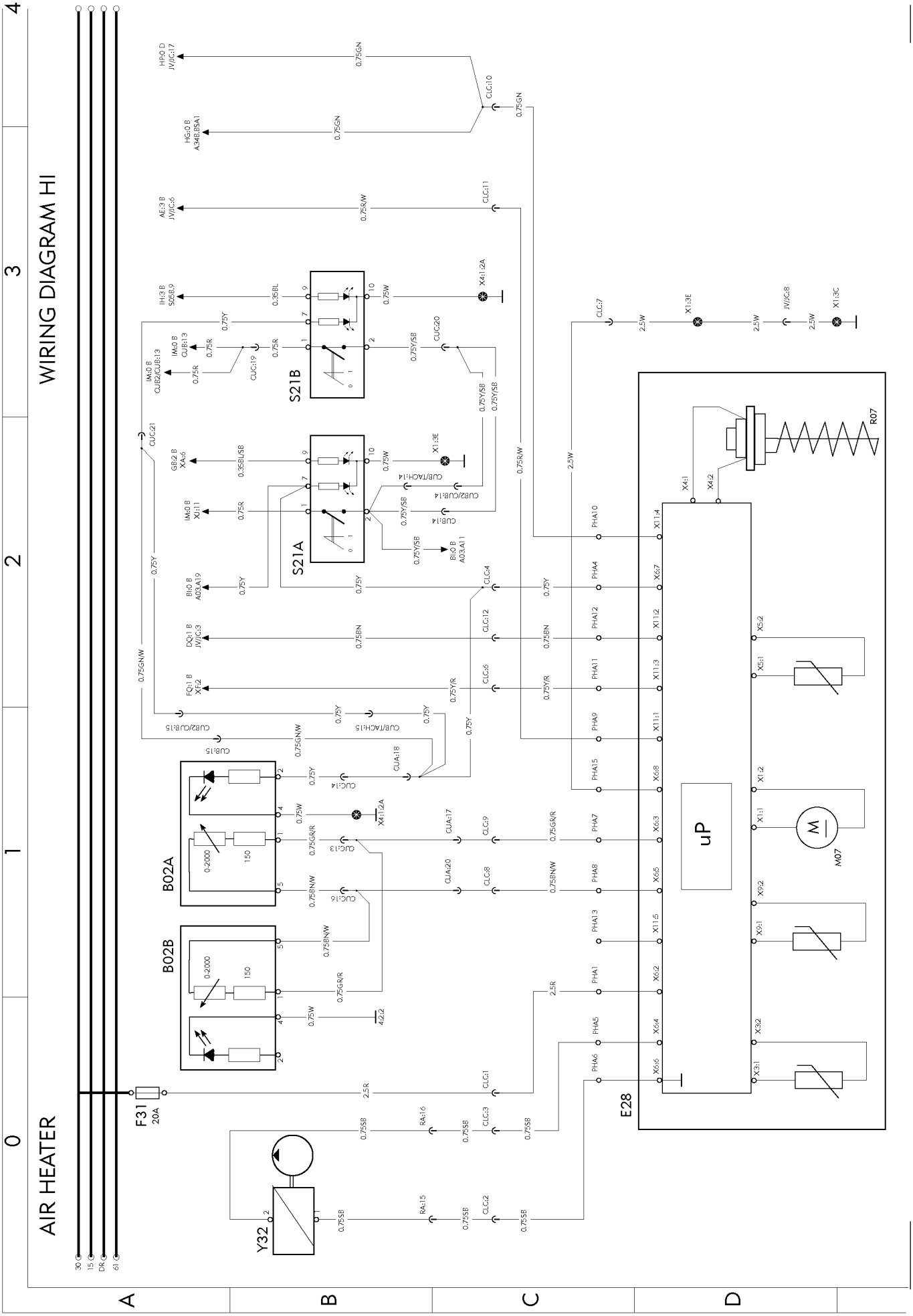

WIRING DIAGRAM GQ
HORN
30
15
DK
61
F72
10A
X1:7
X1:4
TA:11
TB:19
TB:20
FA:13
FL:12
FL:11
FL:16
FL:10
TA:16
TA:10
TD:13
TD:14
H01
H02
Y49
X09
S16
S14B
S14A
5:6
0.75GN/R
0.75GN/SB
0.75Y/SB
0.75R/W
0.75W
0.75Y
0.75SB
0.75BN
A
B
C
D
0
1
2
3
4

T3016289

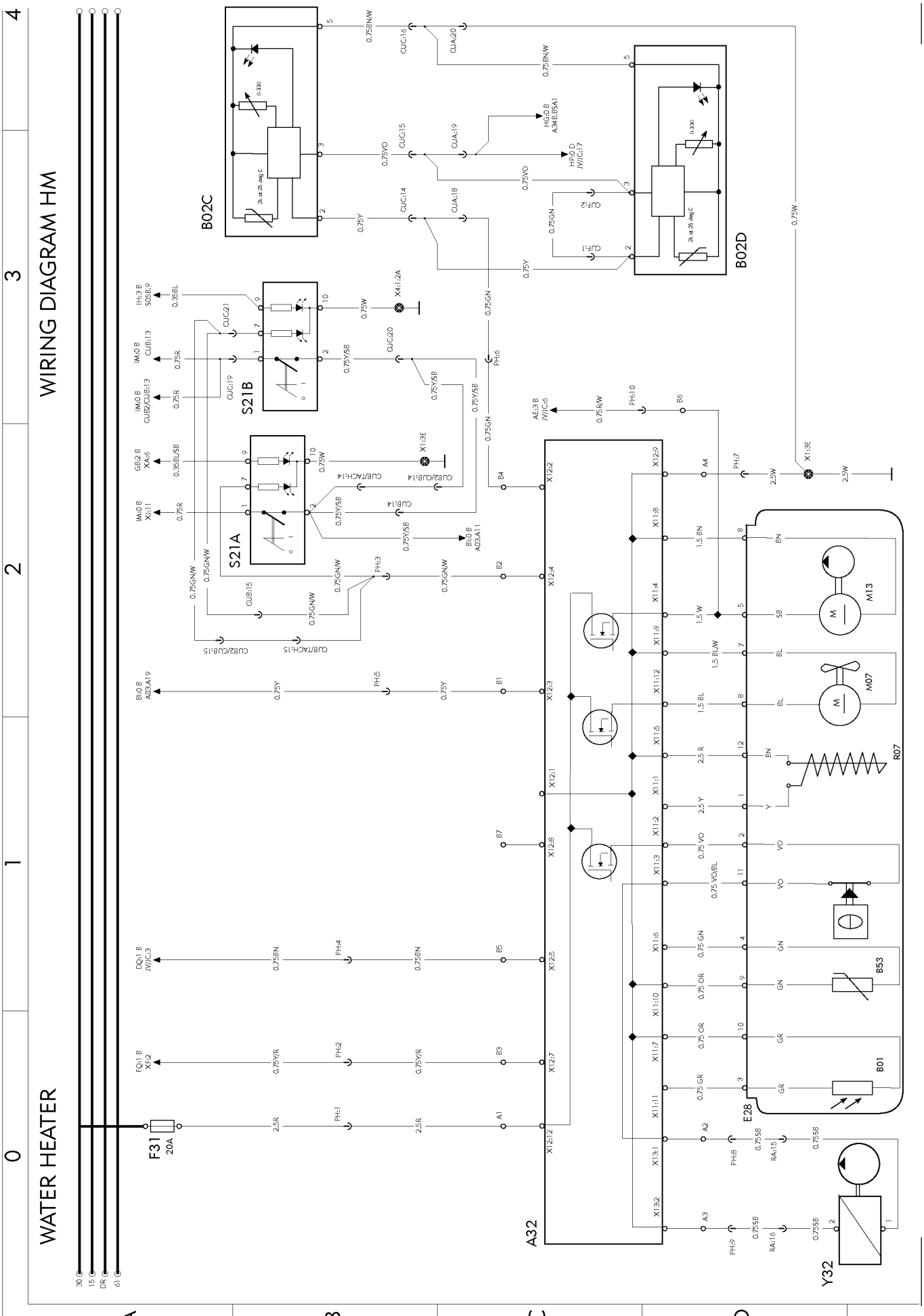

WIRING DIAGRAM GU
HEADLIGHT ADJUST
0
1
2
3
4
A
B
C
D
30
15
DR
61
F72
10A
0.75GN/R
XGU1
S01
15
14
R13
B1
A1
0.75BL
0.75GN/R
0.75W
0.75BL
0.75GN/R
TA:14
TA:15
TA:13
TB:13
TB:15
TB:14
FL:14
FL:15
FL:13
FR:13
FR:15
FR:14
0.75W
0.75BL
0.75GN/GR
GA:1 C
E26L.1
GA:1 C
E26L.2
GA:1 C
E26L.3
GA:3 C
E26R.1
GA:3 C
E26R.2
GA:3 C
E26R.3

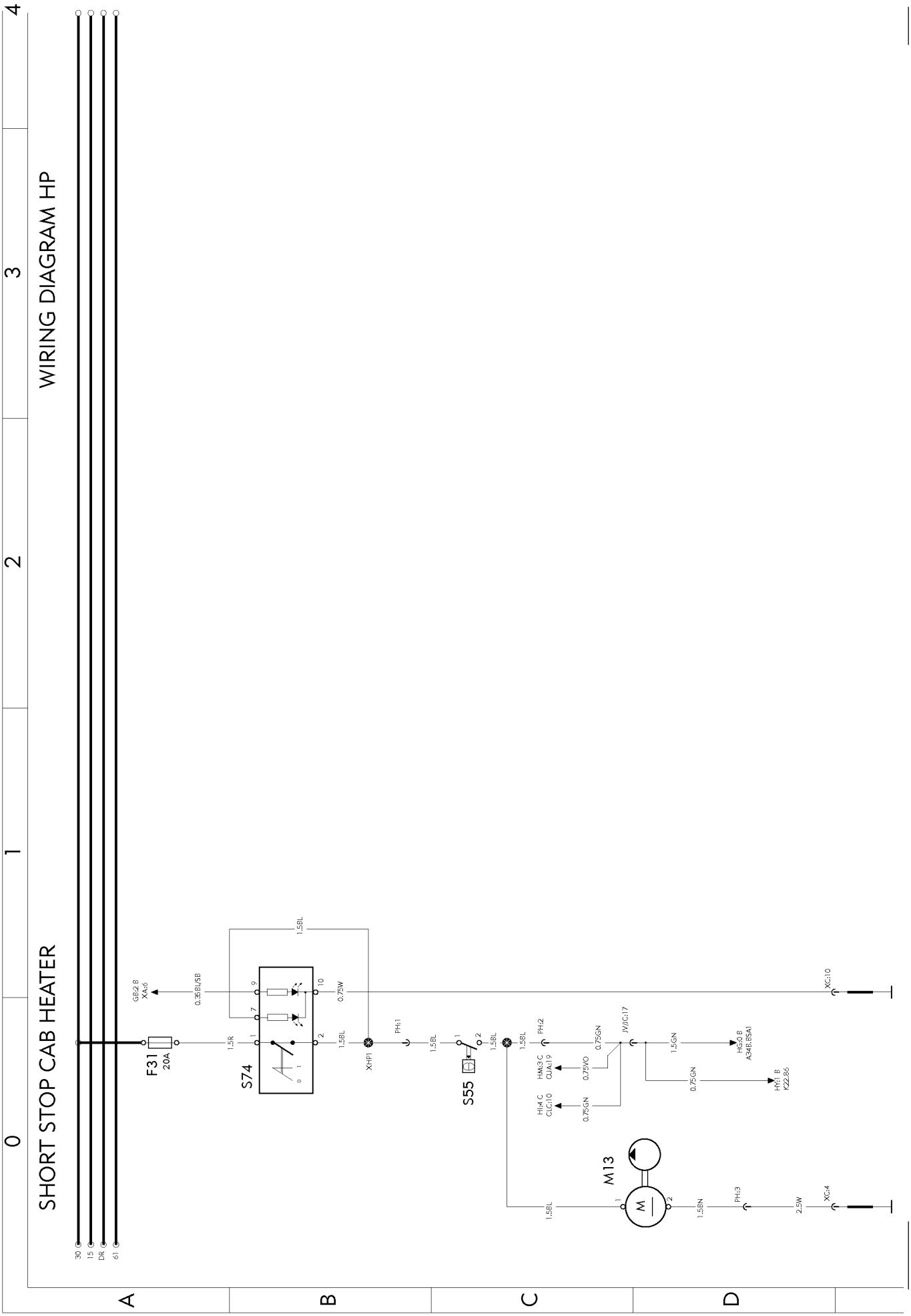
T3016290


CLIMATE UNIT
CU, -BAS, -MCC, -ECC
WIRING DIAGRAM HG
A34B
Control unit, climate unit
E32ECC
Climate unit
B59
Y42
F19 5A
F32 20A
BLOWER CONTROL
RECIRKULATION
AIR DISTRIBUTION
BY-PASS
WATER VALVE

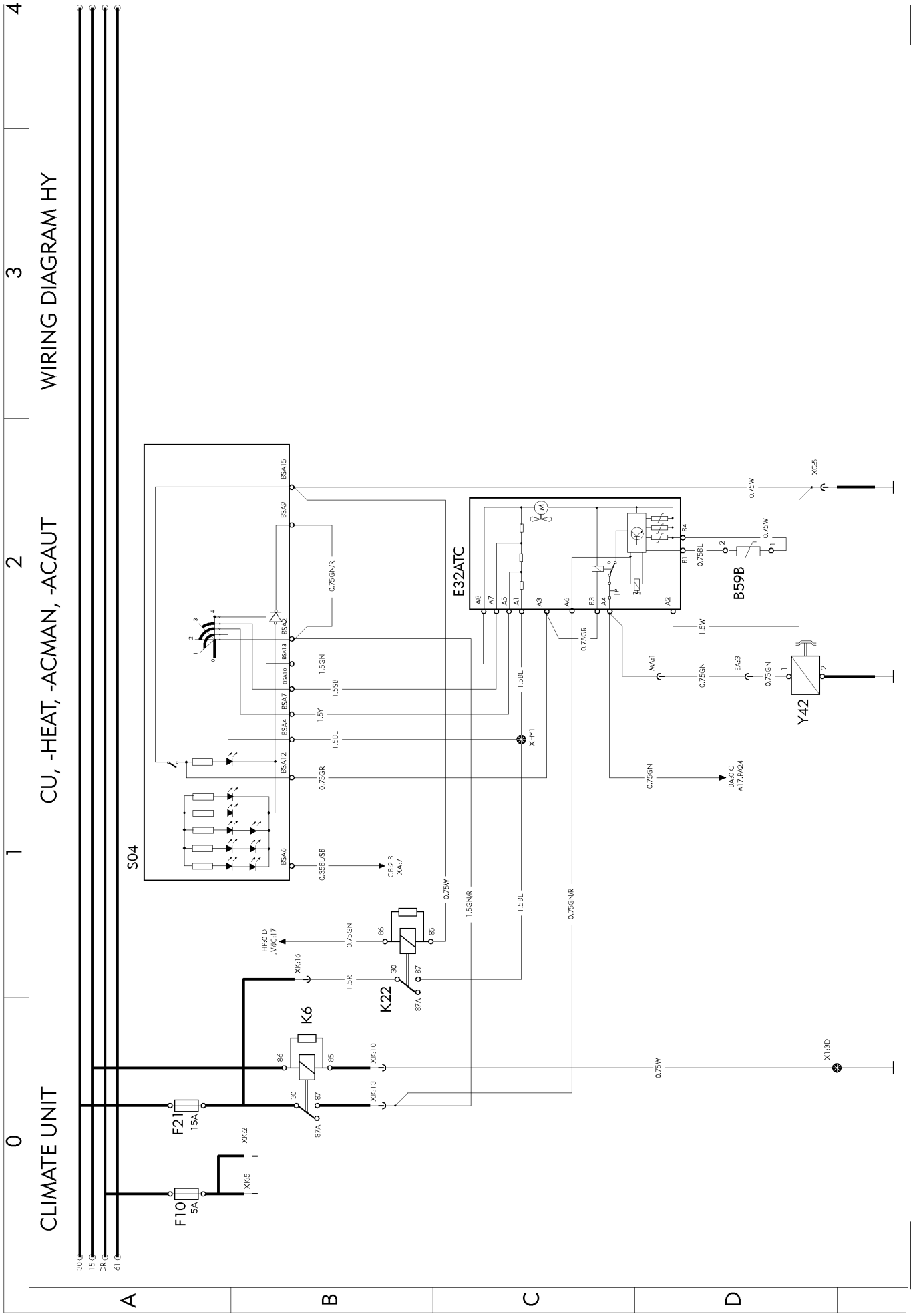

WIRING DIAGRAM HI
AIR HEATER
F31
20A
Y32
B02A
B02B
S21A
S21B
E28
uP
M07
R07
X4:1
X4:2
30
15
DR
61

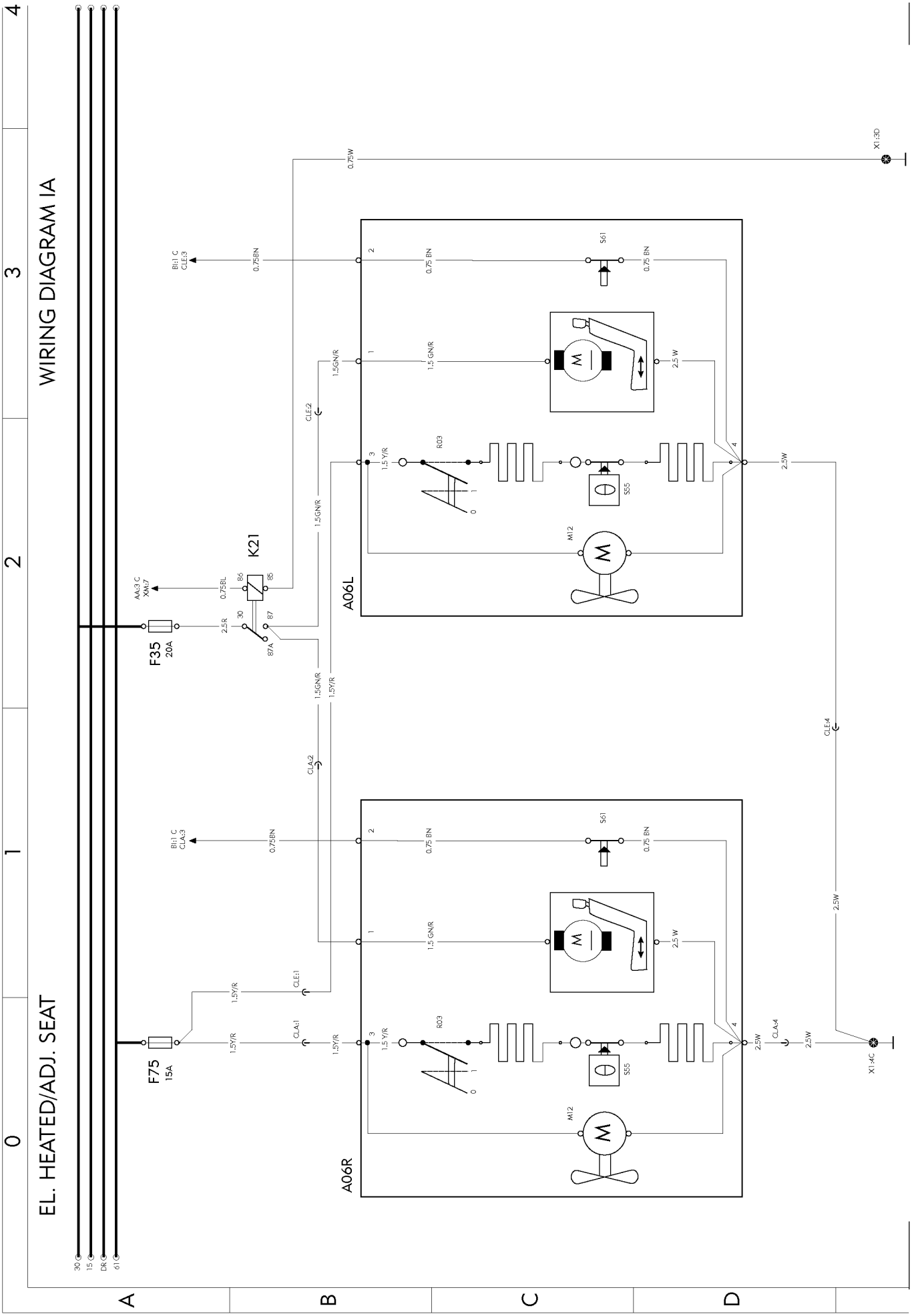
T3016292


WIRING DIAGRAM HM
WATER HEATER
A32
B02C
B02D
S21A
S21B
F31
20A
Y32
M13
M07
R07
B53
B01
E28

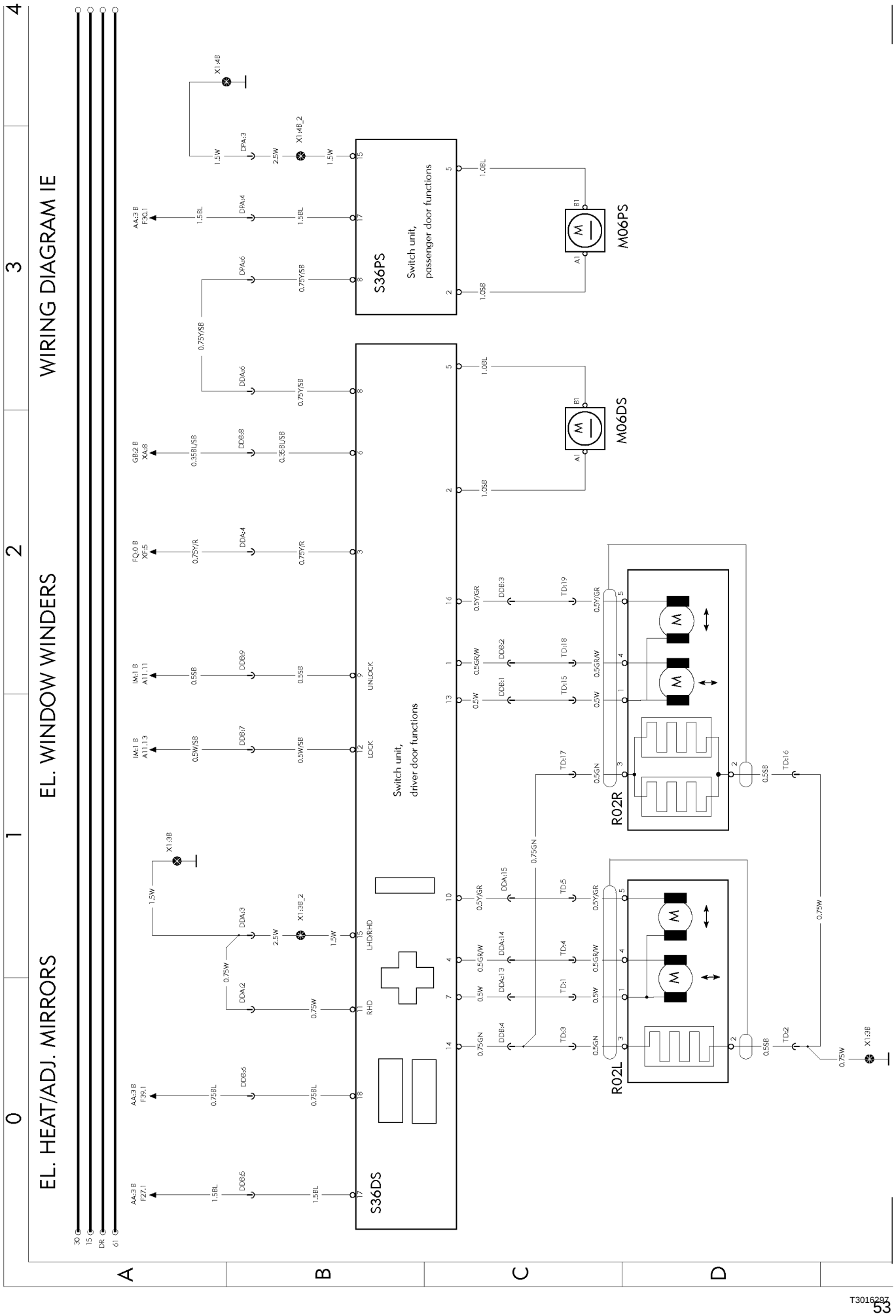

WIRING DIAGRAM HP
SHORT STOP CAB HEATER
0
1
2
3
4
A
B
C
D
30
15
DR
61
F31
20A
S74
S55
M13
XHP1
PH:1
PH:2
PH:3
XC:10
XC:4
JV/IC:17
HG:0.8
A34B.B5A1
HY:1 B
K22.B6
HM:3 C
CUA:19
HI:4 C
CLC:10
GR:2.B
XA:6
0.35BL/SB
1.5R
1.5BL
0.75W
0.75VO
0.75GN
1.5GN
1.5BN
2.5W

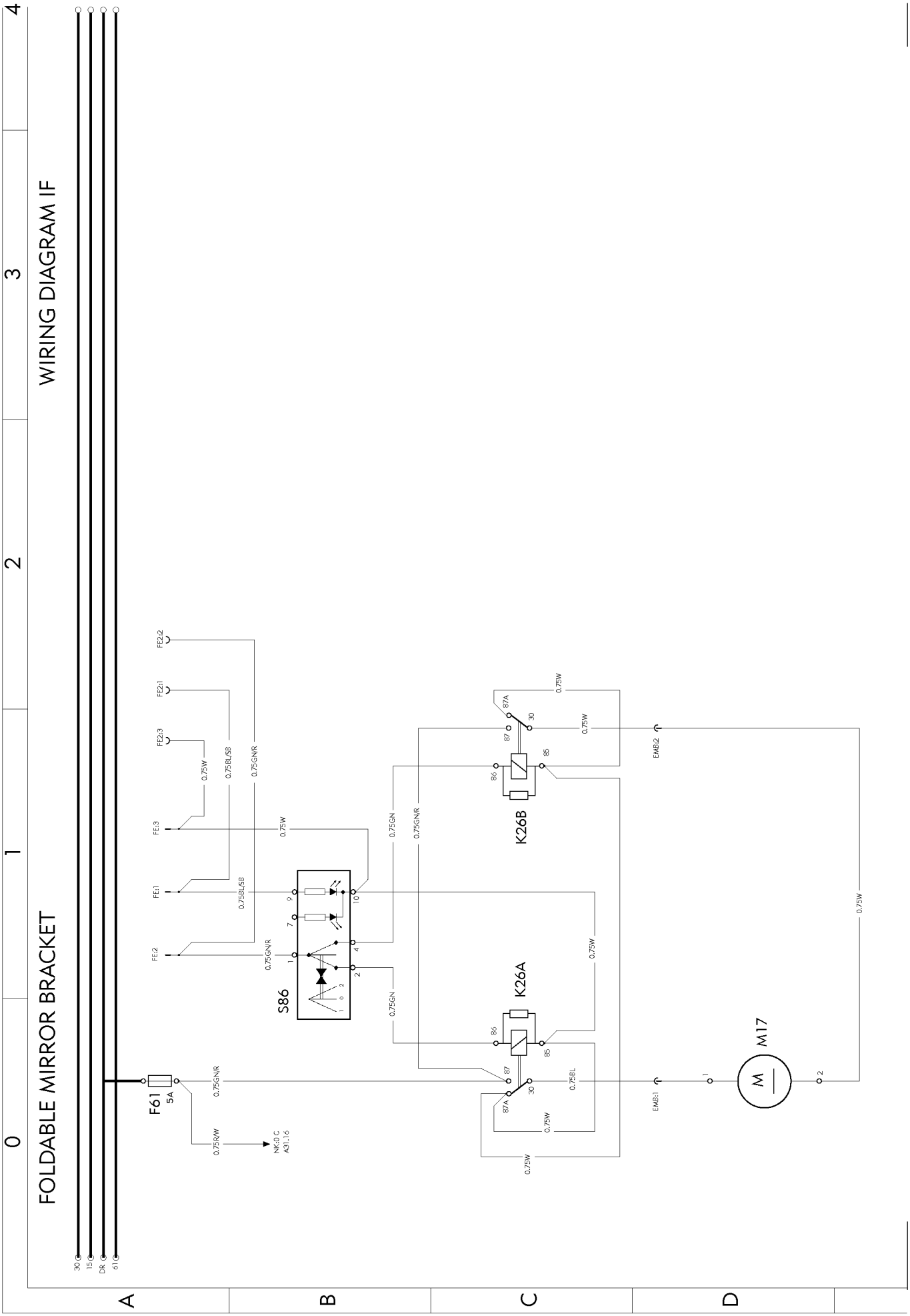
T3016294


CLIMATE UNIT
CU, -HEAT, -ACMAN, -ACAUT
WIRING DIAGRAM HY
S04
E32ATC
B59B
Y42
K6
K22
F21
15A
F10
5A
XK:2
XK:5
XK:10
XK:13
XK:16
XHY1
XC:5
X1:3D
30
15
DR
61
0,75GN/R
0,75GN
0,75W
1,5GN
1,5SB
1,5Y
1,5BL
0,75GR
0,35BU/SB
1,5GN/R
1,5R
0,75BL
1,5W
BSA15
BSA0
BSA2
BSA13
BSA10
BSA7
BSA4
BSA12
BSA6
A8
A7
A5
A1
A3
A6
B3
A4
A2
B1
B4
MA:1
EA:3
BA:0 C
A17:PA24
G8:2 B
XA:7
HP:0 D
JV/C:17

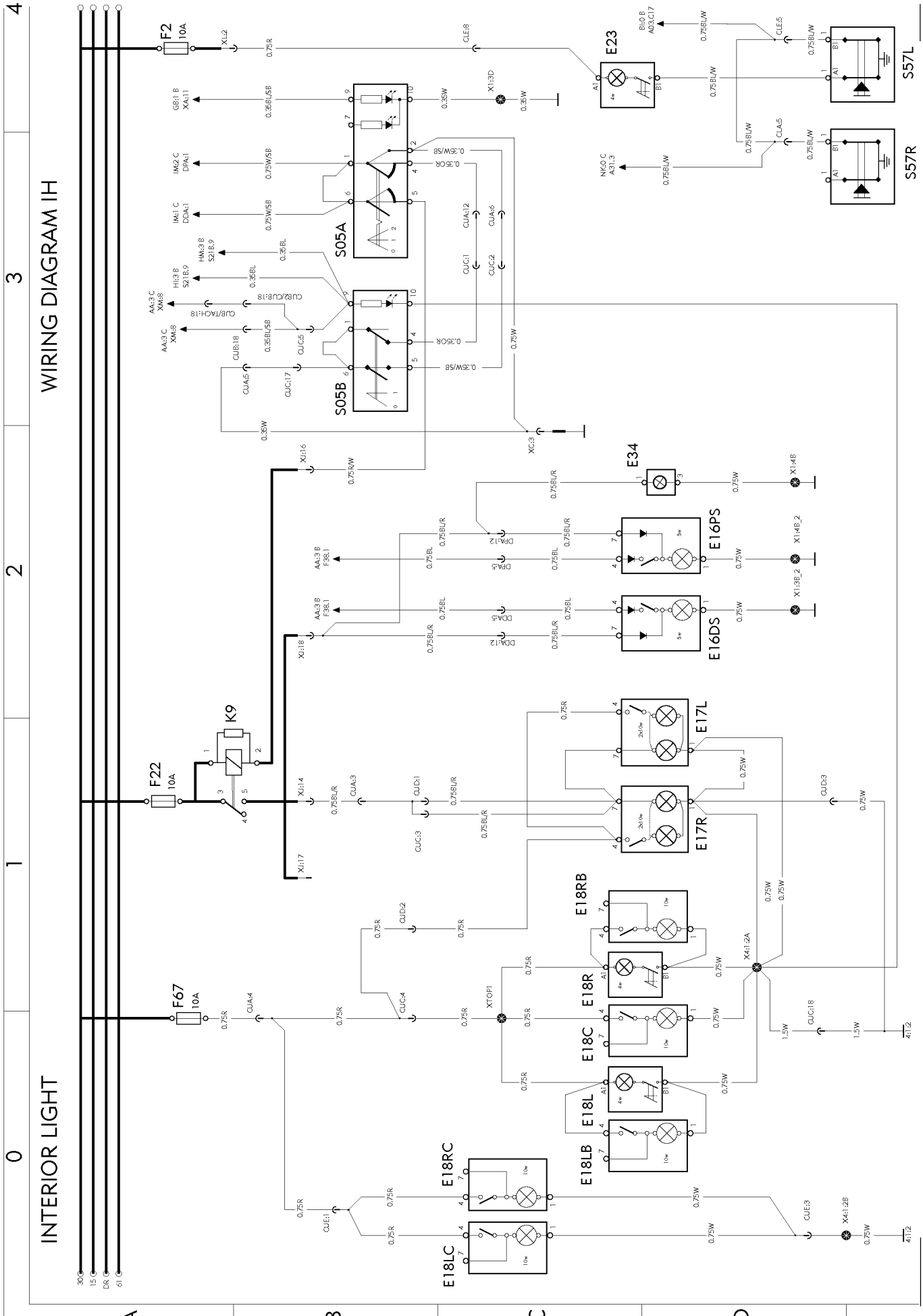

WIRING DIAGRAM IA
EL. HEATED/ADJ. SEAT
A06L
A06R
K21
F35
20A
F75
15A
M12
S55
S61
R03
0.75BL
0.75BN
0.75W
1.5GN/R
1.5Y/R
1.5 GN/R
1.5 Y/R
2.5R
2.5W
2.5 W
0.75 BN
CLE:2
CLE:4
CLE:1
CLA:2
CLA:1
CLA:4
X1:3D
X1:4C
30
15
DR
61

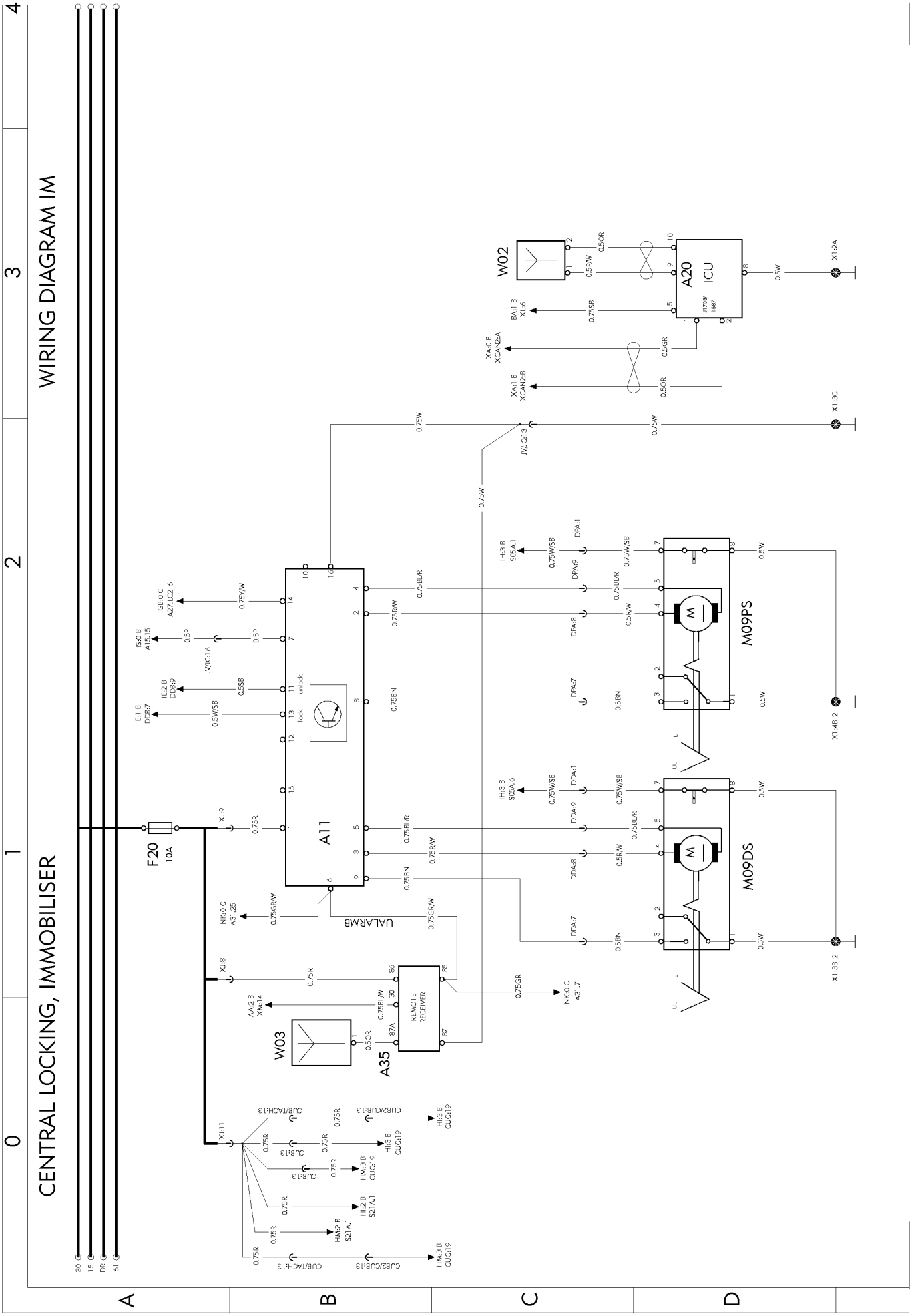
T3016296


EL. HEAT/ADJ. MIRRORS
EL. WINDOW WINDERS
WIRING DIAGRAM IE
S36DS
Switch unit, driver door functions
S36PS
Switch unit, passenger door functions
M06DS
M06PS
R02L
R02R
LHD/RHD
UNLOCK
LOCK
30
15
DR
61

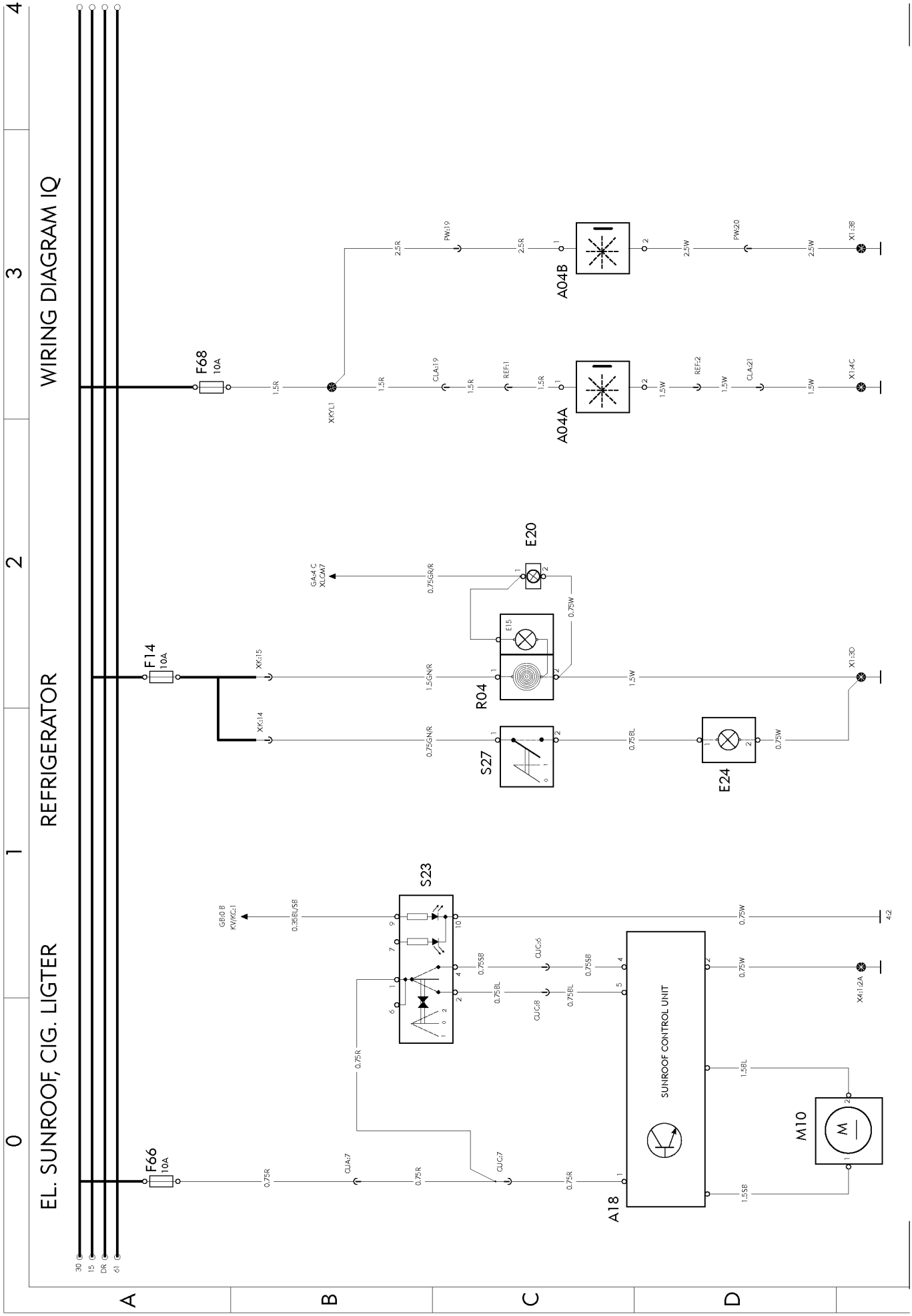

WIRING DIAGRAM IF
FOLDABLE MIRROR BRACKET
0
1
2
3
4
A
B
C
D
30
15
DR
61
F61
5A
0,75GN/R
0,75R/W
NK:0 C
A31:1,6
FE2:2
FE2:1
FE2:3
FE:3
FE:1
FE:2
0,75W
0,75BL/SB
0,75GN/R
S86
0,75GN
K26B
K26A
87A
30
87
85
86
EMB:2
EMB:1
0,75BL
M17
M

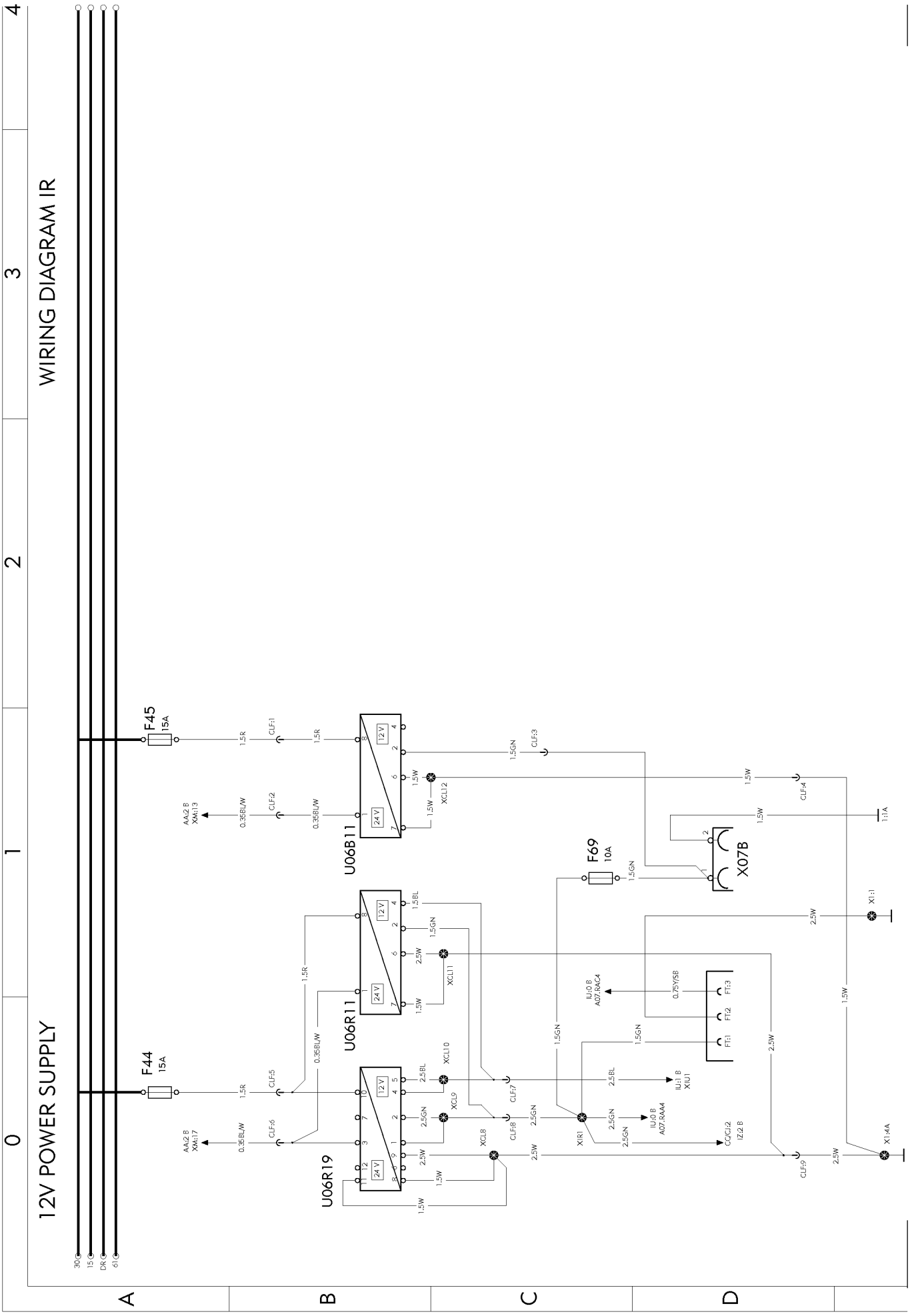
T3016298


INTERIOR LIGHT
WIRING DIAGRAM IH
0
1
2
3
4
A
B
C
D
30
15
DR
61
F2
10A
F22
10A
F67
10A
K9
E23
E34
E16PS
E16DS
E17L
E17R
E18RB
E18R
E18C
E18L
E18LB
E18RC
E18LC
S05A
S05B
S57L
S57R

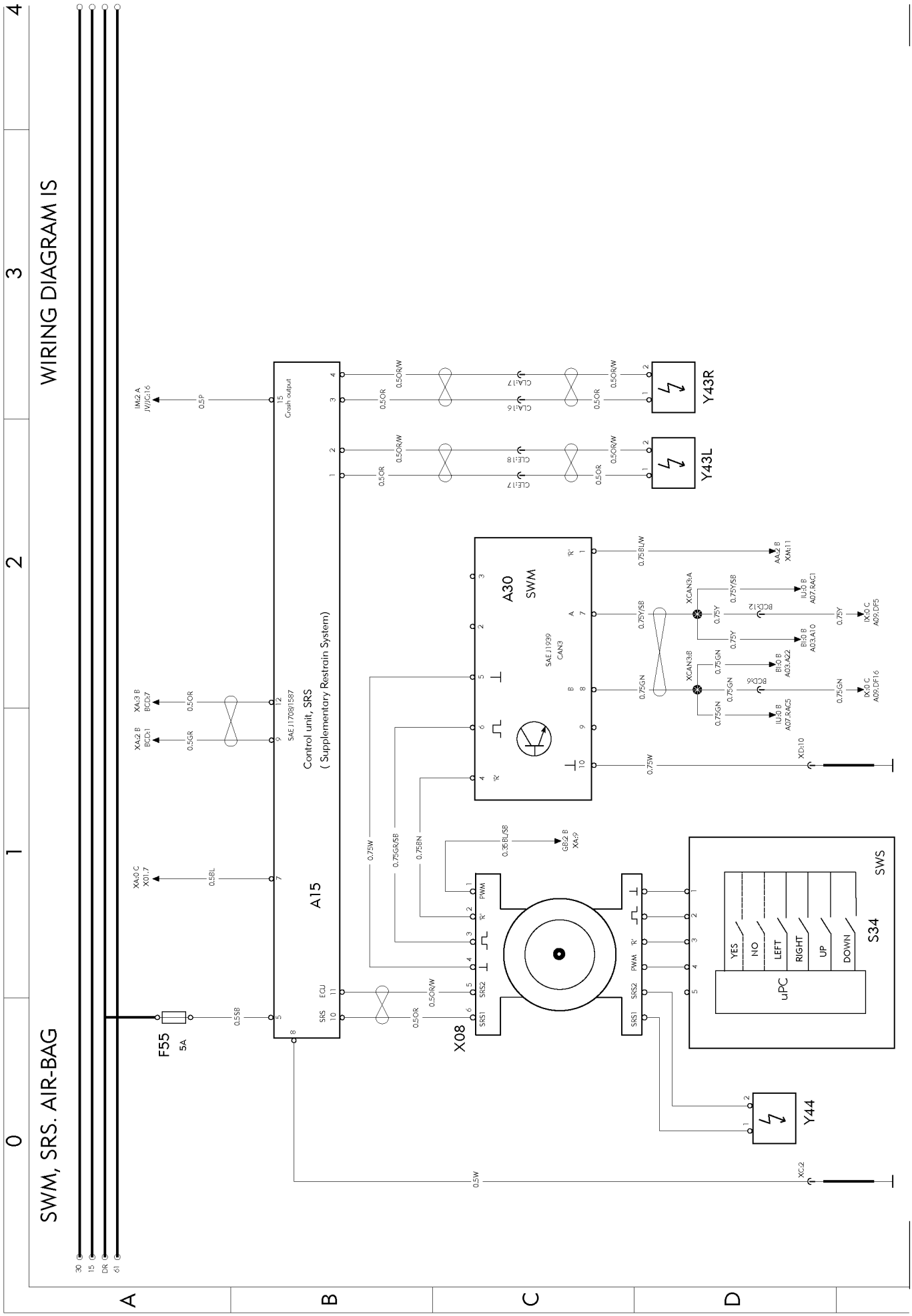

WIRING DIAGRAM IM
CENTRAL LOCKING, IMMOBILISER
A11
A20 ICU
A35 REMOTE RECEIVER
M09PS
M09DS
W02
W03
F20 10A
30
15
DR
61
UALARMB
0.75W
0.75R
0.75BL/R
0.75R/W
0.75BN
0.75GR/W
0.75GR
0.75BL/W
0.75Y/W
0.5P
0.35SB
0.5W/SB
0.75W/SB
0.5R/W
0.5BN
0.5W
0.5P/W
0.5OR
0.5GR
0.75SB
X1:9
X1:8
X1:11
X1:2A
X1:3C
X1:48_2
X1:38_2
JVJ/C1:3
JVJ/C1:6
CU8/TACH:1.3
CU8:1.3
CU8/CU82:1.3
CU82/CU8:1.3
HI:3 B CUC:19
HM:3 B CUC:19
HI:2 B S21A:1
HM:2 B S21A:1
DPA:1
DPA:9
DPA:8
DPA:7
DDA:1
DDA:9
DDA:8
DDA:7
A
B
C
D
0
1
2
3
4

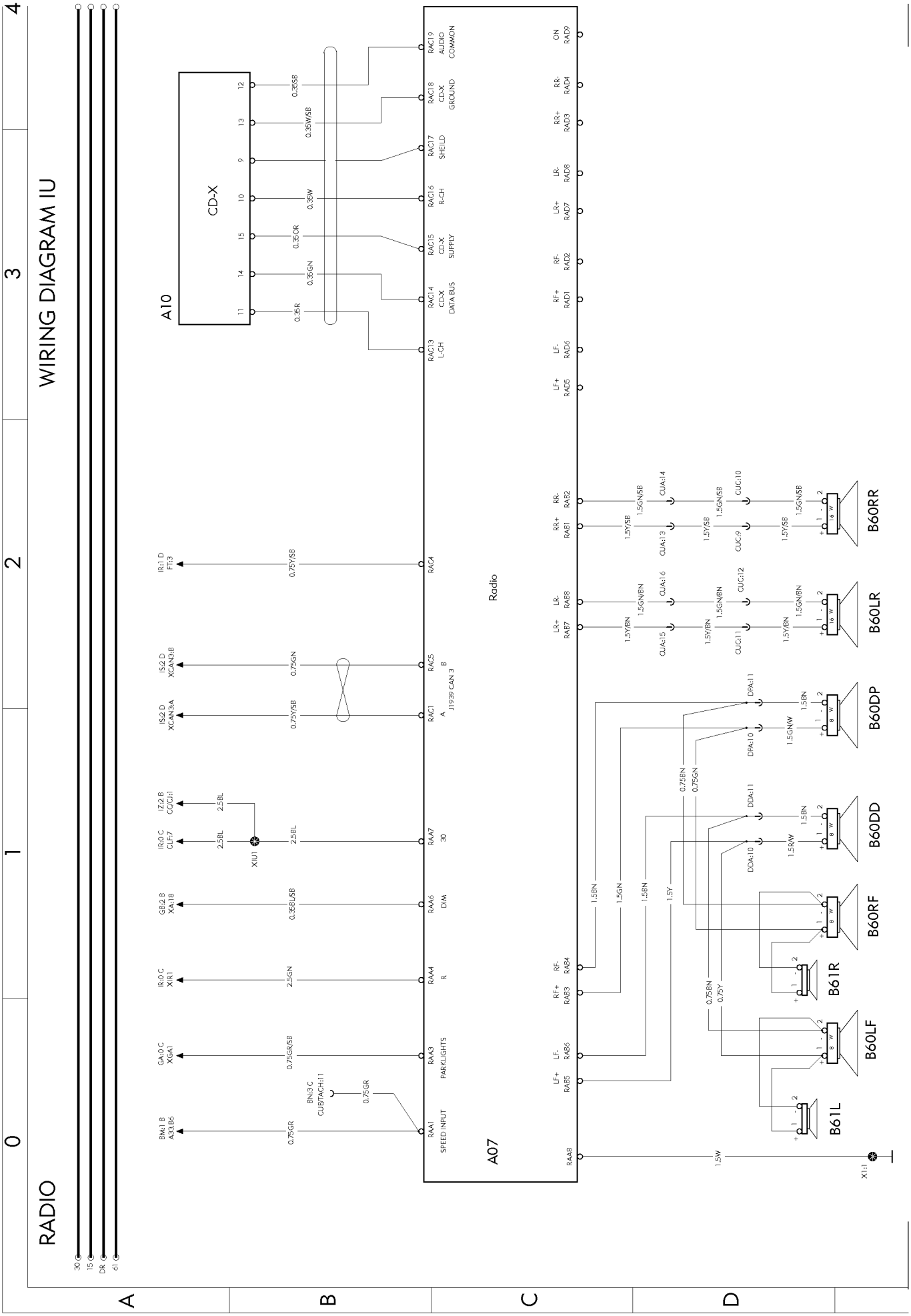
T3016300


WIRING DIAGRAM IQ
REFRIGERATOR
EL. SUNROOF, CIG. LIGTER
F68
10A
F14
10A
F66
10A
A04B
A04A
E20
R04
S27
E24
S23
A18
SUNROOF CONTROL UNIT
M10
30
15
DR
61

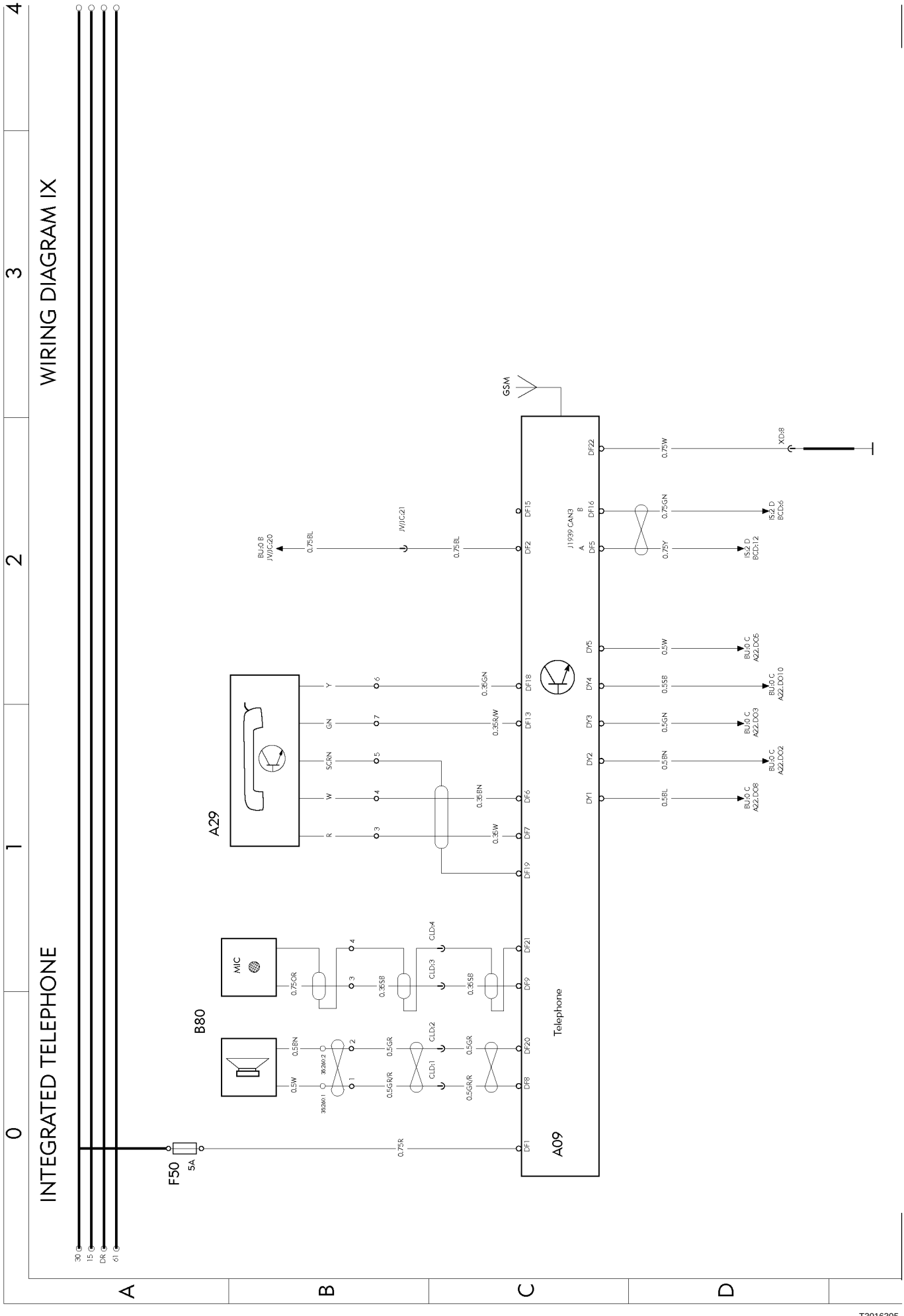

WIRING DIAGRAM IR
12V POWER SUPPLY
0
1
2
3
4
A
B
C
D
30
15
DR
61
F45
15A
F44
15A
F69
10A
U06B11
U06R11
U06R19
X07B
X1:1
X1:4A
1:1A
XCL12
XCL11
XCL10
XCL9
XCL8
XIR1
XIU1
FT:1
FT:2
FT:3
CLF:1
CLF:2
CLF:3
CLF:4
CLF:5
CLF:6
CLF:7
CLF:8
CLF:9
AA:2 B
XM:13
AA:2 B
XM:17
IU:0 B
A07.RAC4
IU:0 B
A07.RAA4
IU:1 B
CC/CI:2
IZ:2 B
1.5R
1.5GN
1.5W
1.5BL
2.5W
2.5GN
2.5BL
0.35BL/W
0.75Y/SB

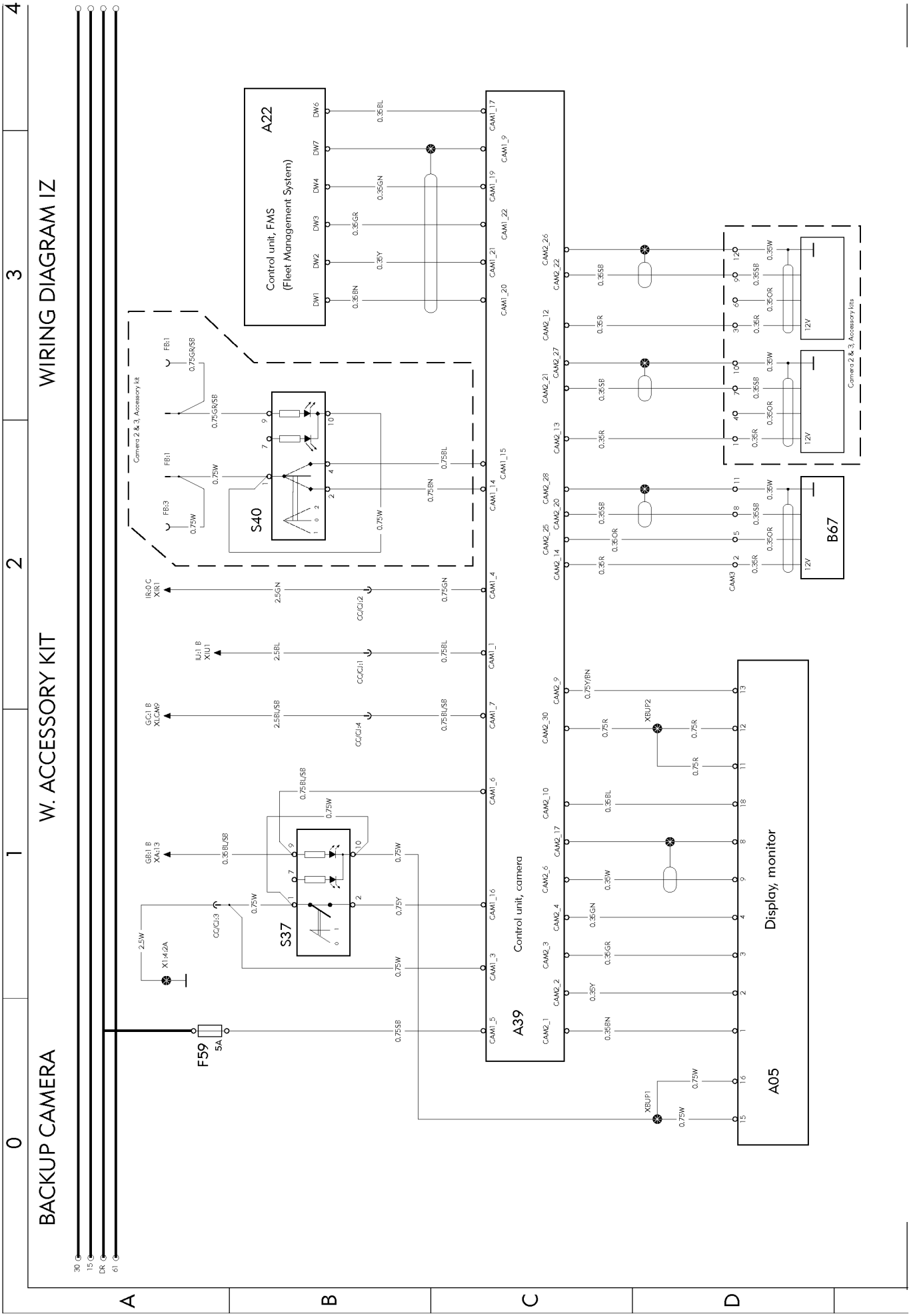
T3016302


WIRING DIAGRAM IS
SWM, SRS. AIR-BAG
A15
Control unit, SRS
(Supplementary Restrain System)
SAE J1708/J1587
A30
SWM
SAE J1939
CAN3
Y43R
Y43L
Y44
F55
5A
X08
S34
SWS
uPC
YES
NO
LEFT
RIGHT
UP
DOWN
Crash output
30
15
DR
61

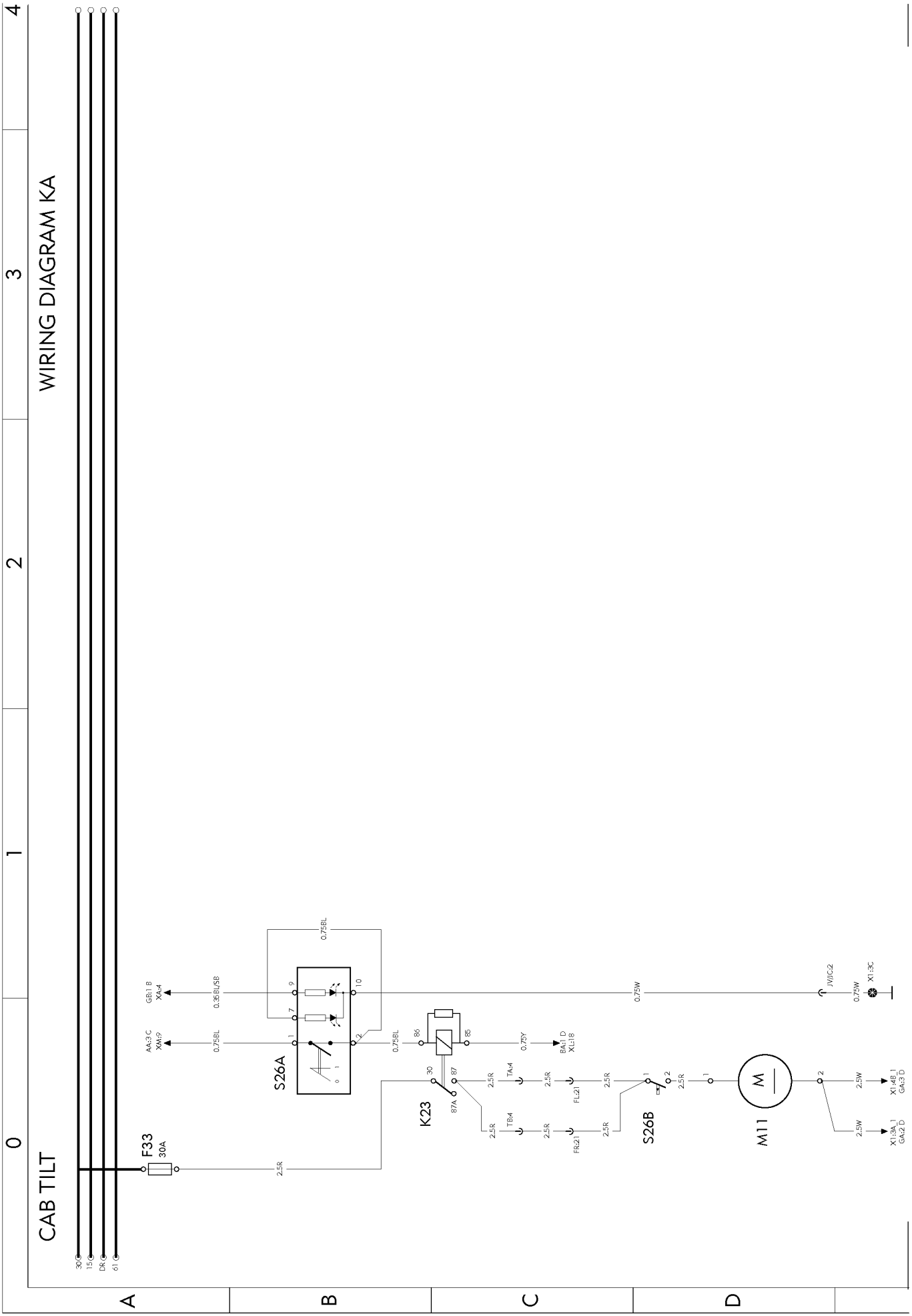

WIRING DIAGRAM IU
RADIO
A10
CD-X
A07
Radio
B61L
B61R
B60LF
B60RF
B60DD
B60DP
B60LR
B60RR
X1U1
X1:1
J1939 CAN-3
SPEED INPUT
PARKLIGHTS
DIM
AUDIO COMMON
CD-X GROUND
SHEILD
R-CH
CD-X SUPPLY
CD-X DATA BUS
L-CH

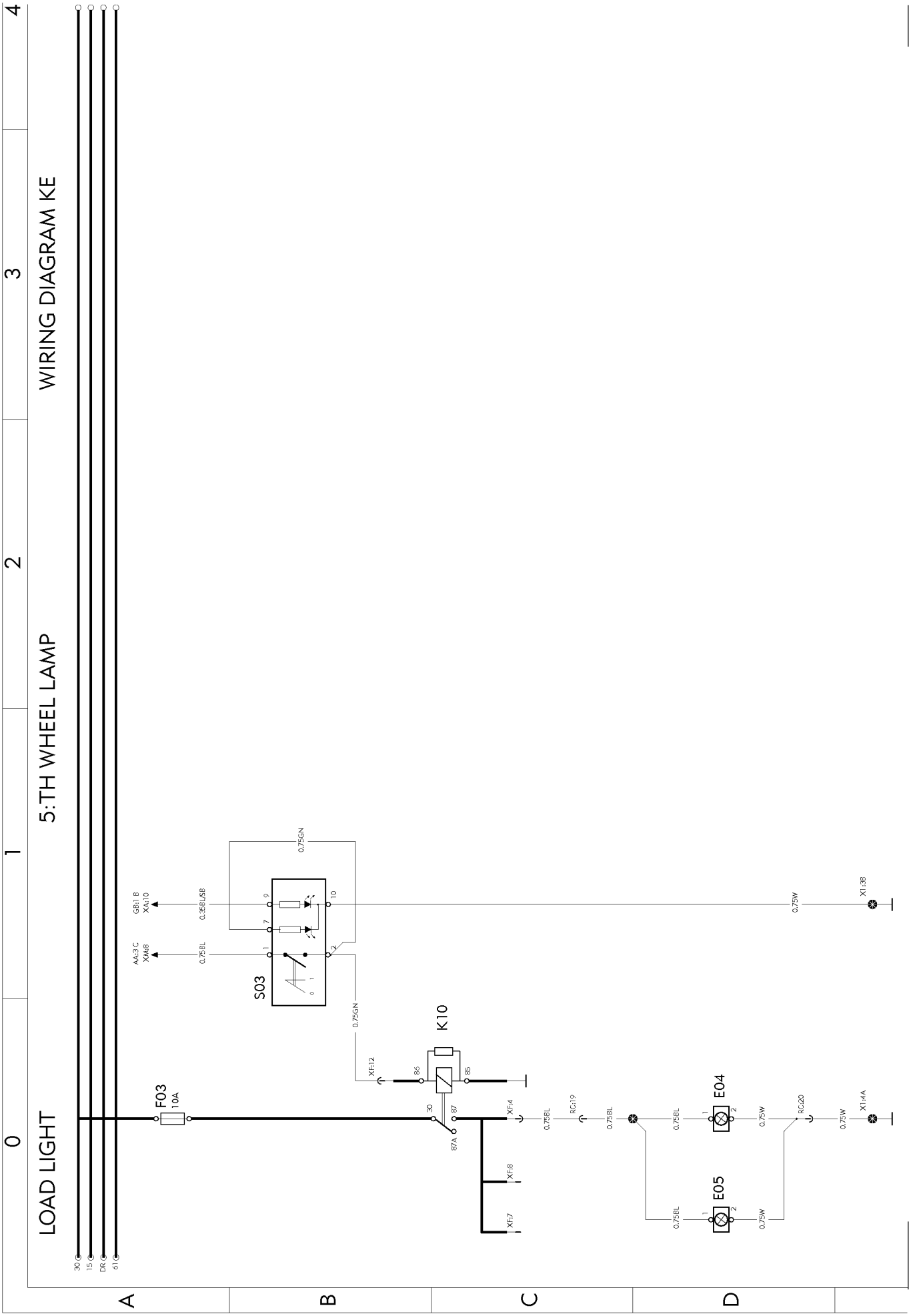
T3016304


INTEGRATED TELEPHONE
WIRING DIAGRAM IX
30
15
DR
61
F50
5A
0.75R
A09
Telephone
DF1
DF8
DF20
DF9
DF21
DF6
DF7
DF19
DF13
DF18
DF2
DF15
DF22
DF16
DF5
DY1
DY2
DY3
DY4
DY5
J1939 CAN3
A
B
GSM
B80
MIC
A29
CLD:1
CLD:2
CLD:3
CLD:4
0.5W
0.5BN
0.5GR/R
0.5GR
0.75GR
0.35SB
0.35BN
0.35W
0.35R/W
0.35GN
0.75BL
0.75W
0.75GN
0.75Y
0.5BL
0.5BN
0.5GN
0.5SB
0.5W
JV/IC21
JV/IC20
XD:8
IS2.D BCD:12
IS2.D BCD:26
BU:0 C A22.DO8
BU:0 C A22.DO2
BU:0 C A22.DO3
BU:0 C A22.DO10
BU:0 C A22.DO6
BU:0 B JV/IC20
A
B
C
D
0
1
2
3
4

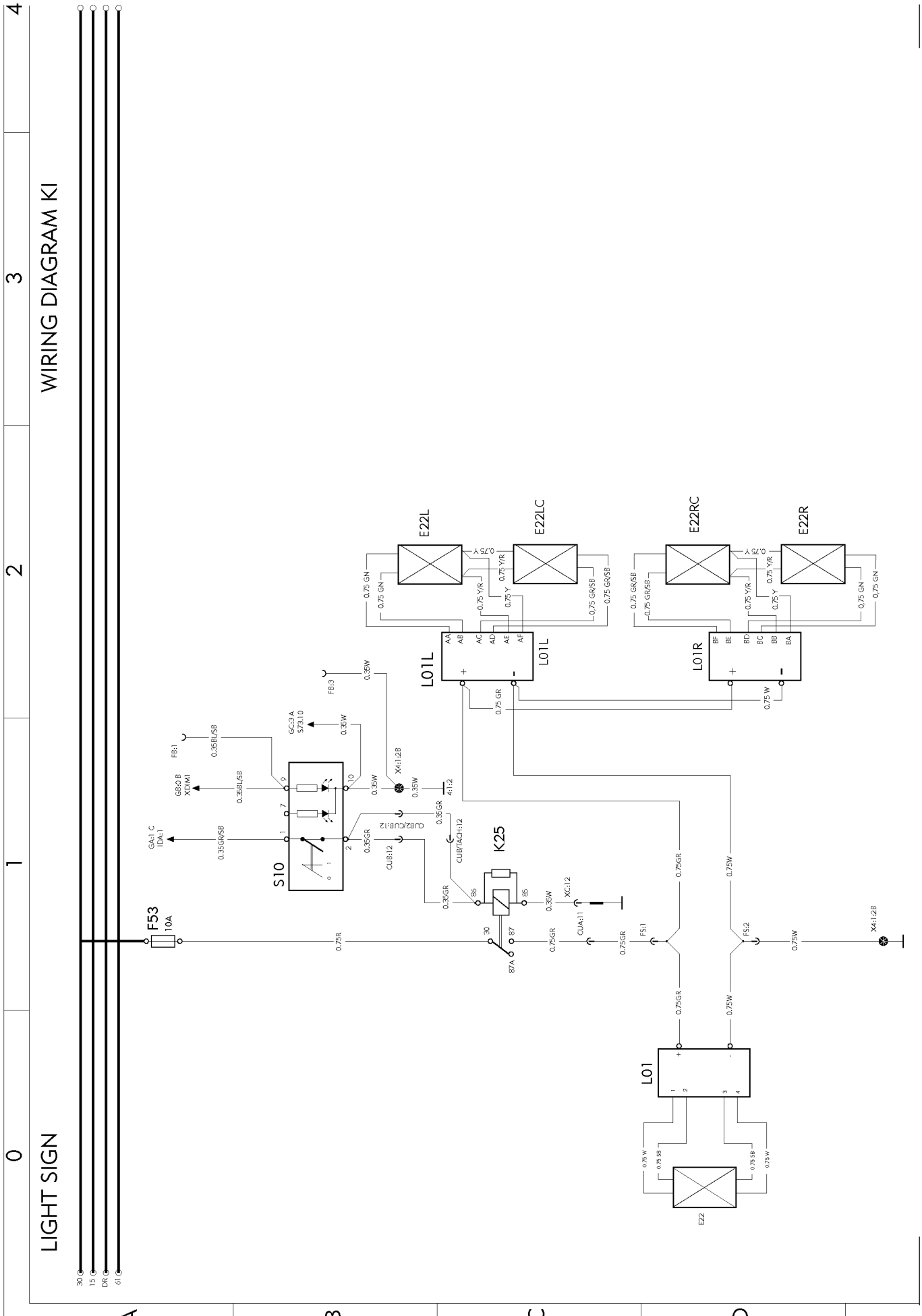

WIRING DIAGRAM IZ
W. ACCESSORY KIT
BACKUP CAMERA
A22
Control unit, FMS
(Fleet Management System)
A39
Control unit, camera
A05
Display, monitor
S40
S37
B67
F59
5A
Camera 2 & 3, Accessory kit
Camera 2 & 3, Accessory kits
30
15
DR
61

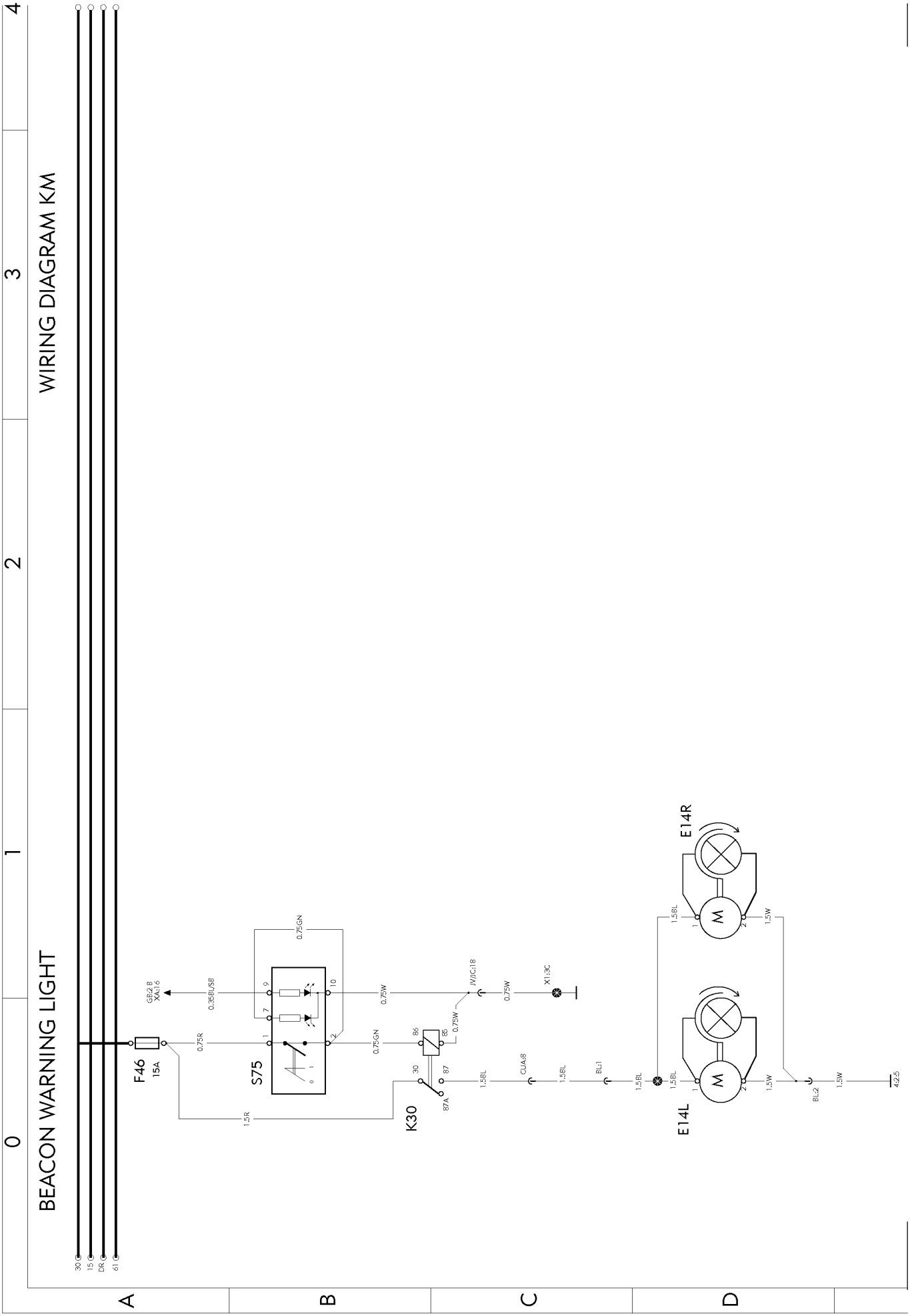
T3016306


WIRING DIAGRAM KA
CAB TILT
0
1
2
3
4
A
B
C
D
30
15
DR
61
F33
30A
2.5R
S26A
0.75BL
0.35BL/SB
GB:1 B
X4:4
AA:3 C
XM:9
0.75BL
K23
86
85
30
87
87A
0.75Y
BA:1 D
X1:18
TA:4
TB:4
FL:21
FR:21
2.5R
S26B
M11
0.75W
JV/IC:2
X1:3C
2.5W
X1:4B_1
GA:3 D
X1:3A_1
GA:2 D

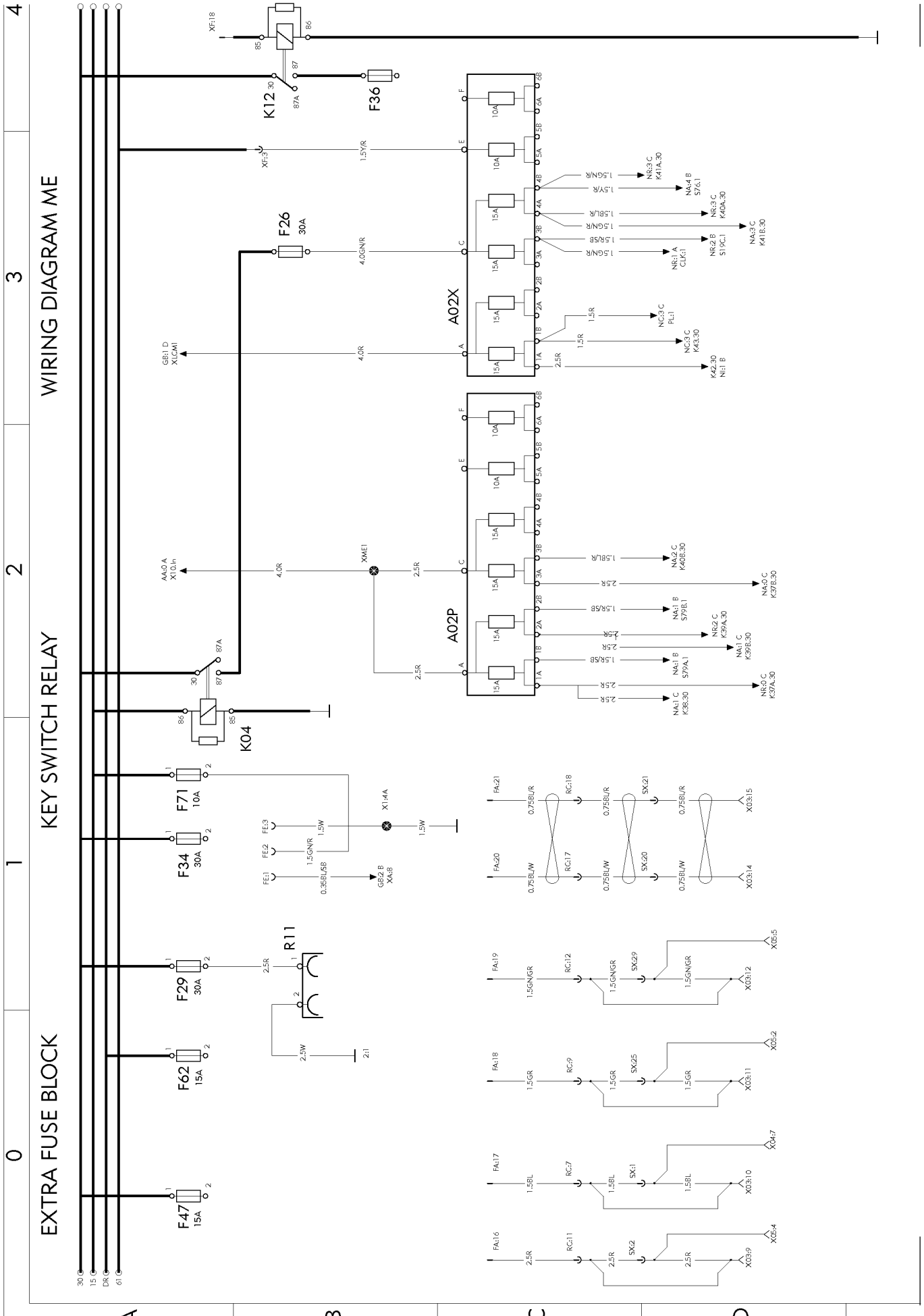

WIRING DIAGRAM KE
5:TH WHEEL LAMP
LOAD LIGHT
0
1
2
3
4
A
B
C
D
30
15
DR
61
F03
10A
S03
K10
E04
E05
0.75GN
0.75BL
0.35BL/SB
0.75W
GB:1.B
XA:10
AA:3.C
XM:8
XF:12
XF:4
XF:8
XF:7
RC:19
RC:20
X1:3B
X1:4A
86
85
30
87
87A

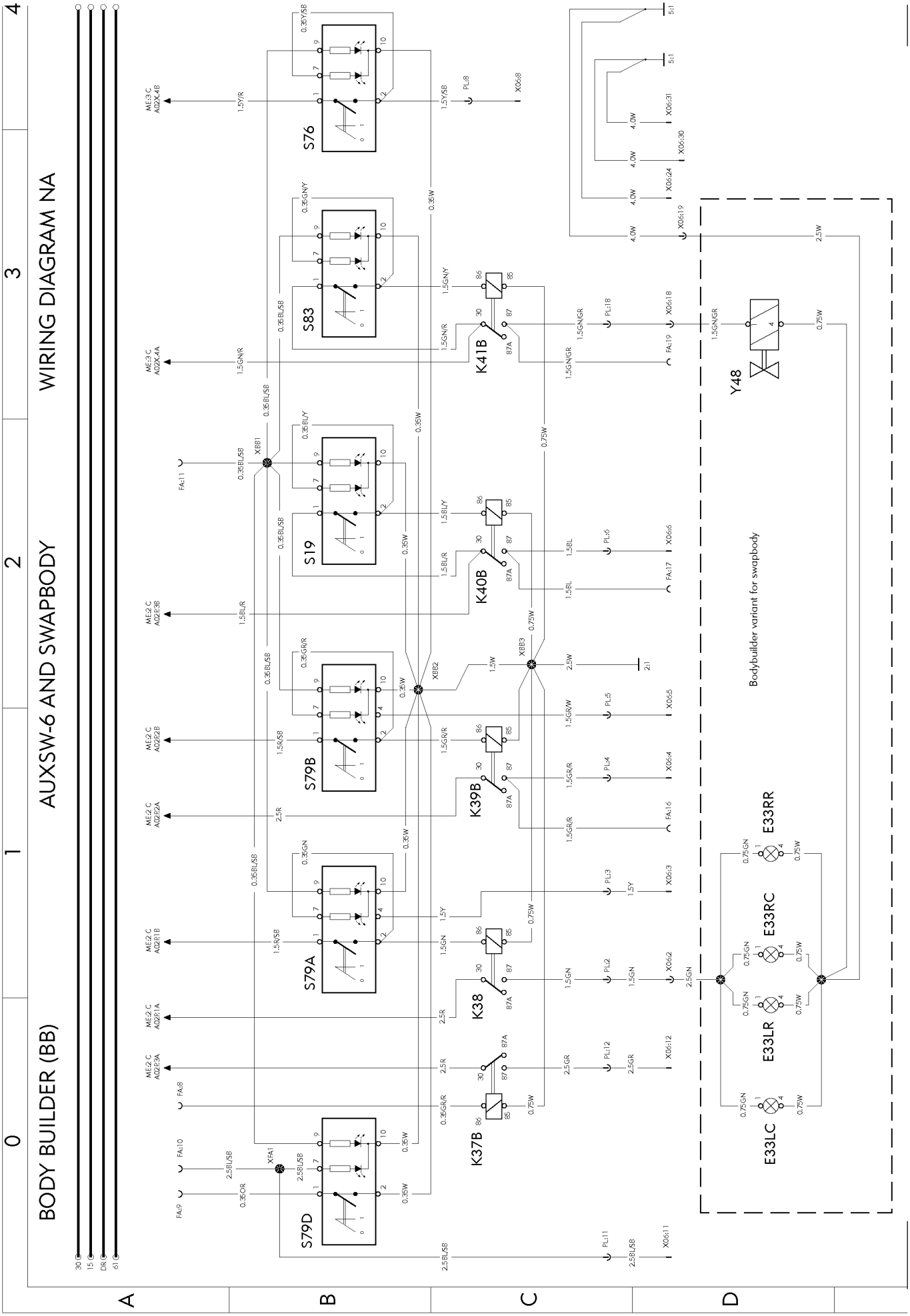
T3016308


WIRING DIAGRAM KI
LIGHT SIGN
0
1
2
3
4
A
B
C
D
30
15
DR
61
F53
10A
0.75R
S10
K25
L01
L01L
L01R
E22L
E22LC
E22RC
E22R
E22
0.75 GN
0.75 Y/R
0.75 Y
0.75 GR/SB
0.75 GR
0.75 W
0.75 SB
0.75GR
0.75W
0.35W
0.35GR
0.35BL/SB
0.35GR/SB
FB:1
FB:3
GA:1 C
IDA:1
GB:0 B
XDIM1
GC:3 A
S73:10
X4:1:2B
4:1:2
CUB:1:2
CUB/TACH:1:2
CUA:1:1
XC:1:2
FS:1
FS:2

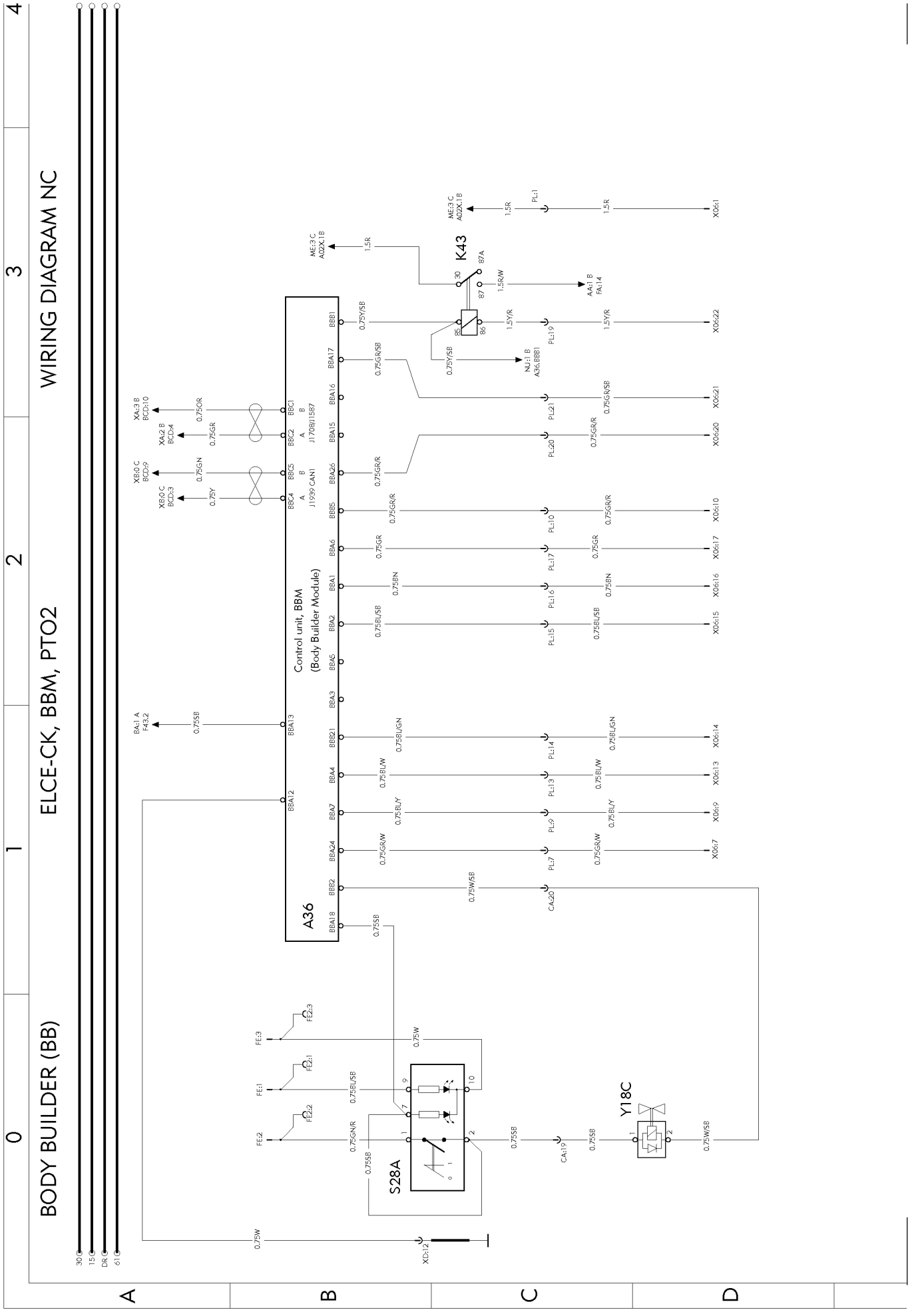

WIRING DIAGRAM KM
BEACON WARNING LIGHT
0
1
2
3
4
A
B
C
D
30
15
DR
61
F46
15A
S75
K30
E14R
E14L
0,75R
0,75GN
0,75W
0,35BU/SB
1,5R
1,5BL
1,5W
BL1
BL2
CUA:8
JWIC:18
X1:3C
GB:2 B
XA:16
86
85
30
87
87A
42:5

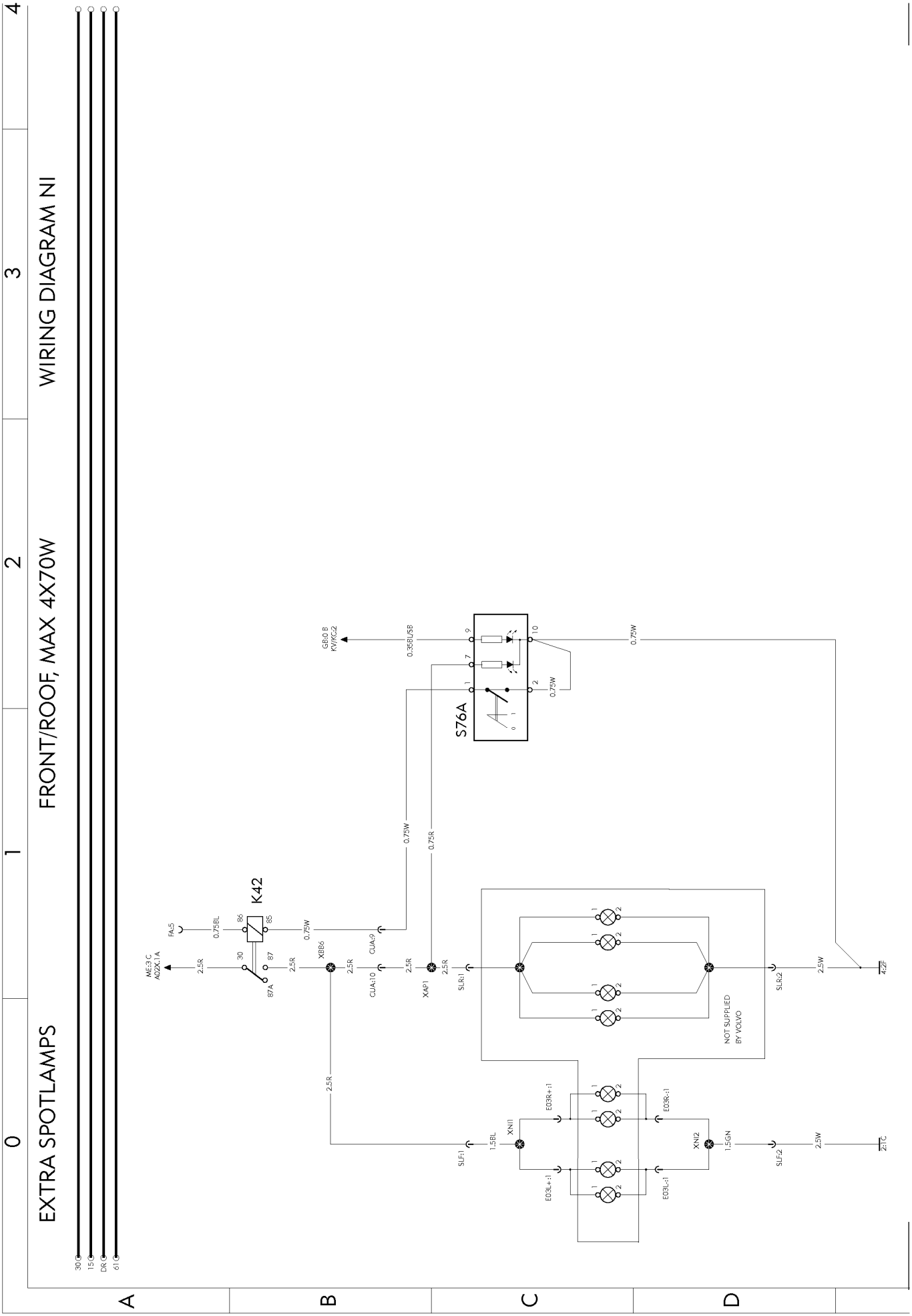
T3016310


WIRING DIAGRAM ME
KEY SWITCH RELAY
EXTRA FUSE BLOCK
A02X
A02P
K12
K04
F36
F26
30A
F71
10A
F34
30A
F29
30A
F62
15A
F47
15A
R11
XME1
X1:4A
30
15
DR
61
0
1
2
3
4
A
B
C
D

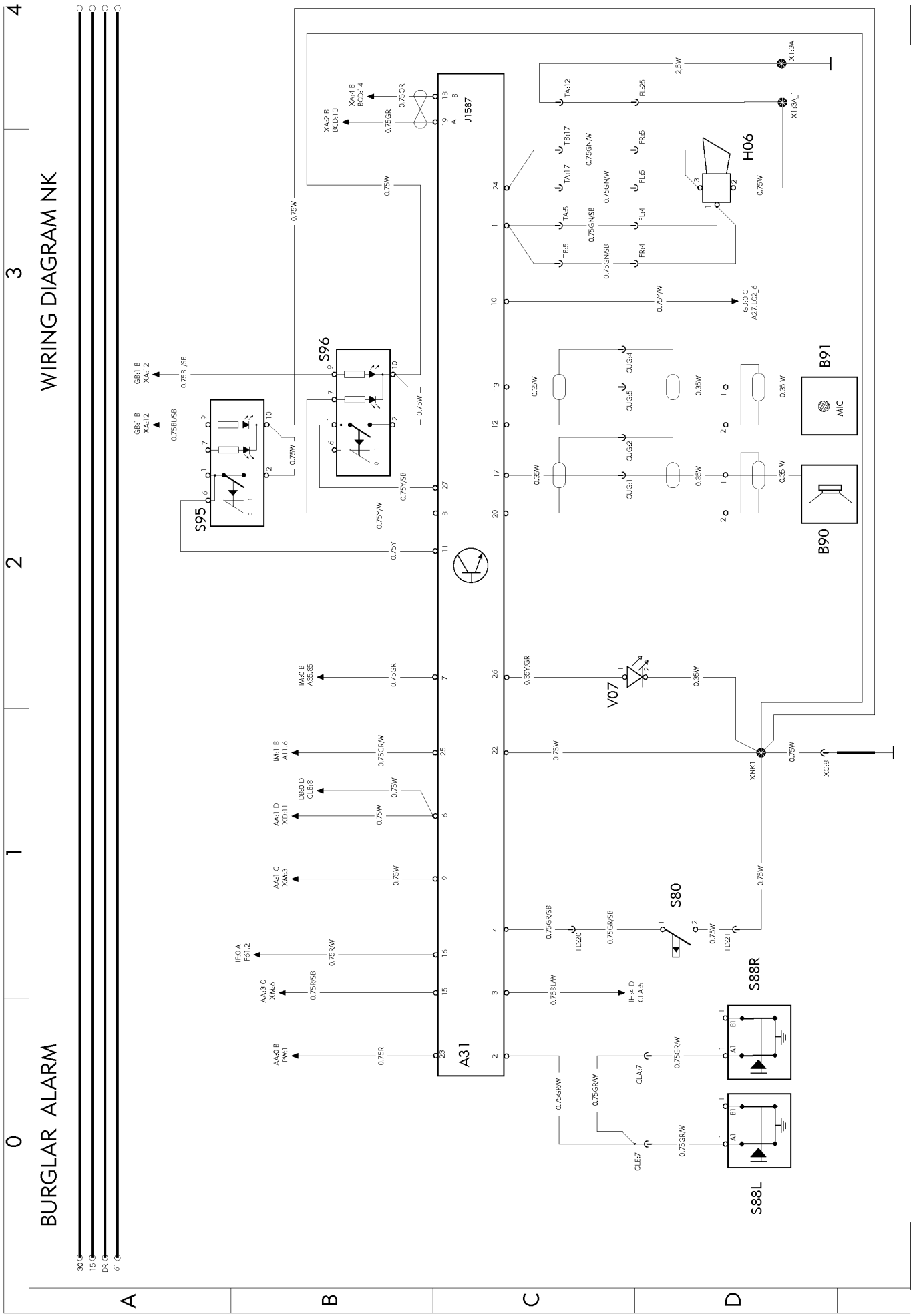

BODY BUILDER (BB)
AUXSW-6 AND SWAPBODY
WIRING DIAGRAM NA
0
1
2
3
4
A
B
C
D
30
15
DR
61
S79D
S79A
S79B
S19
S83
S76
K37B
K38
K39B
K40B
K41B
Y48
E33LC
E33LR
E33RC
E33RR
Bodybuilder variant for swapbody

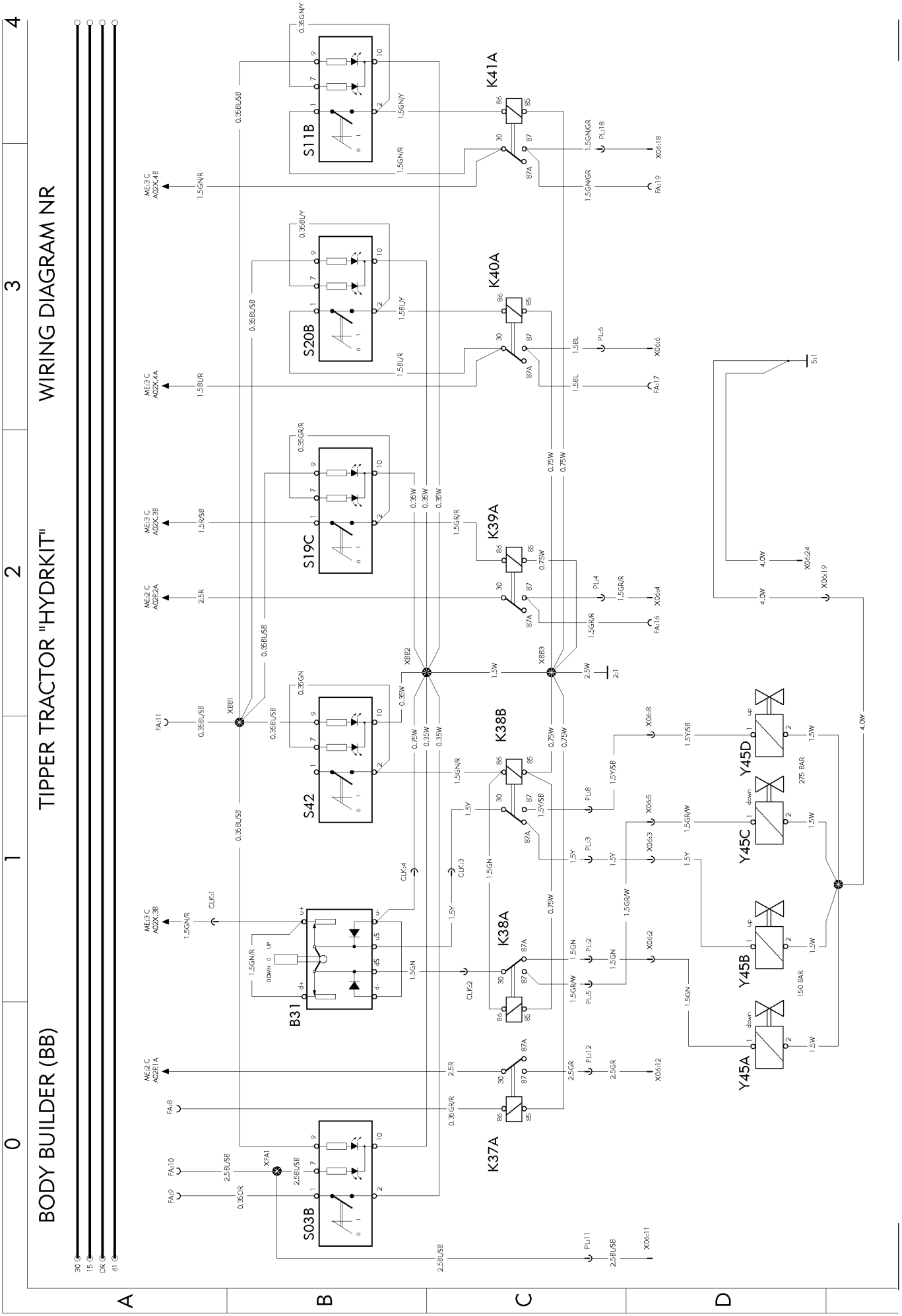
T3016312

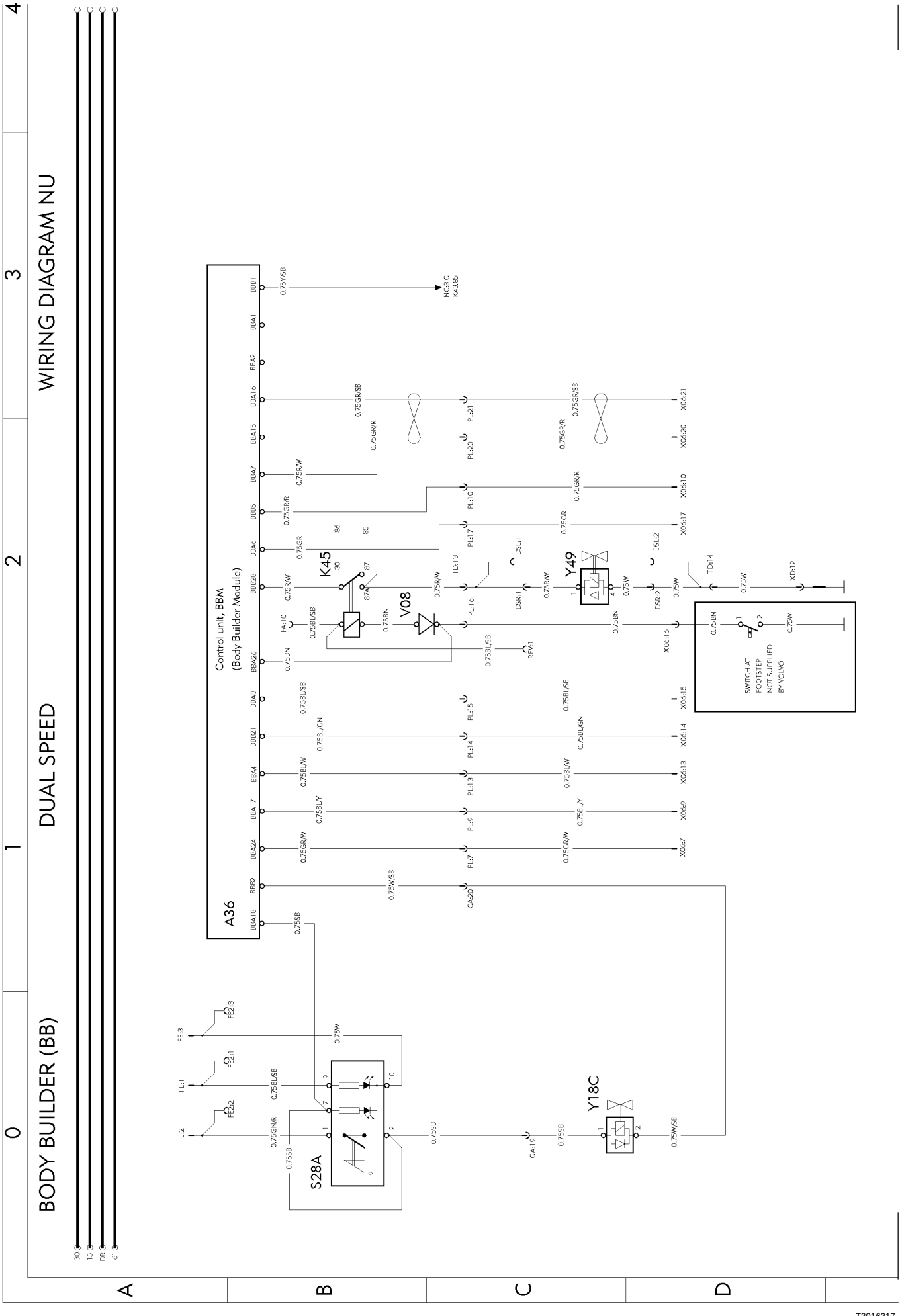

BODY BUILDER (BB)
ELCE-CK, BBM, PTO2
WIRING DIAGRAM NC
A36
Control unit, BBM
(Body Builder Module)
K43
S28A
Y18C
0
1
2
3
4
A
B
C
D

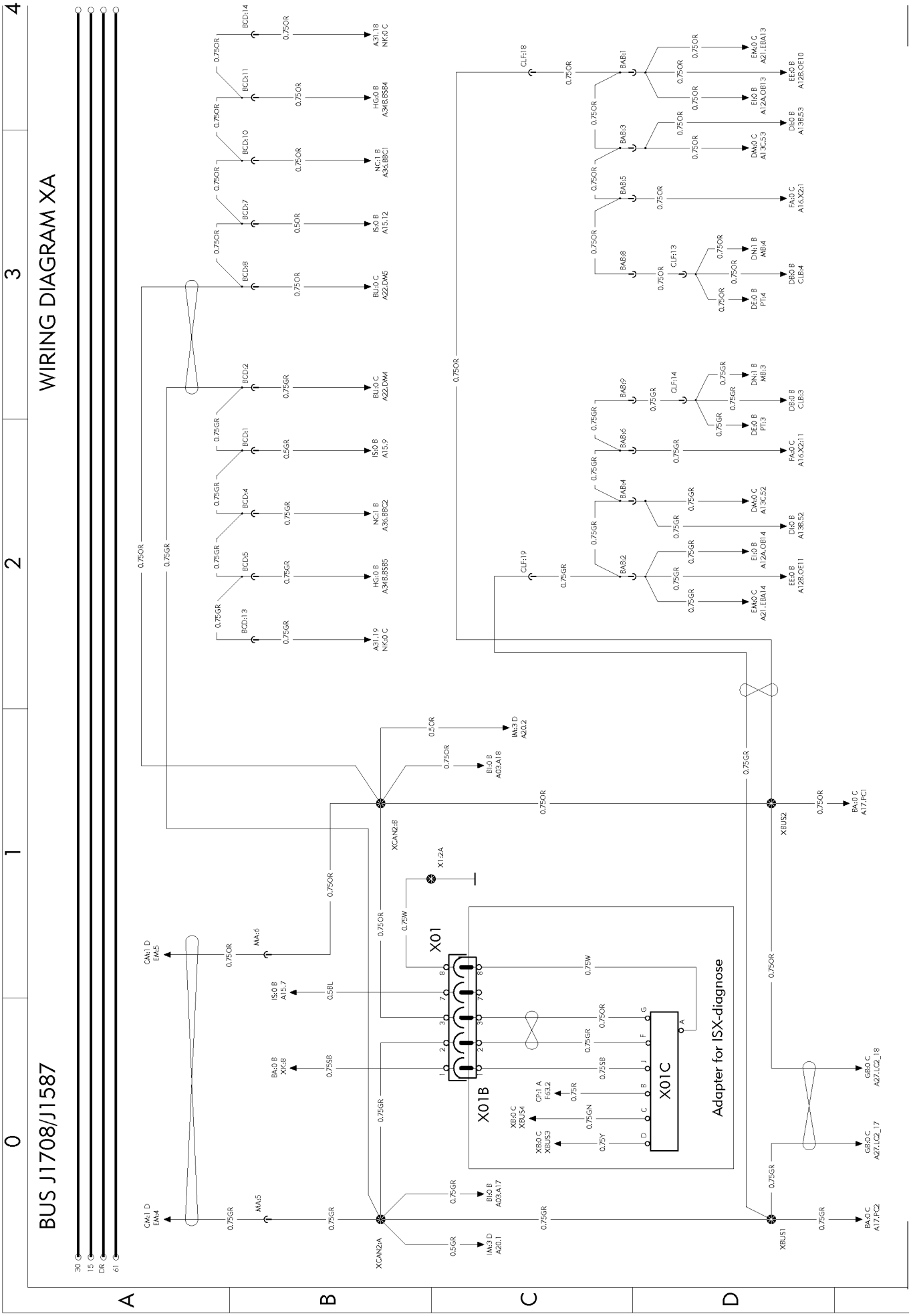

EXTRA SPOTLAMPS
FRONT/ROOF, MAX 4X70W
WIRING DIAGRAM NI
0
1
2
3
4
A
B
C
D
30
15
DR
61
S76A
K42
XBB6
XAP1
XNI1
XNI2
NOT SUPPLIED BY VOLVO
0.75W
0.75R
2.5R
2.5W
1.5BL
1.5GN
0.35BU/SB
0.75BL
SLR:1
SLR:2
SLF:1
SLF:2
FA:5
CUA:9
CUA:10
ME:3 C
A02X.1A
GB:0 B
KV/KG:2
EO3R+:1
EO3R-:1
EO3L+:1
EO3L-:1
4:2F
2:1C

T3016314

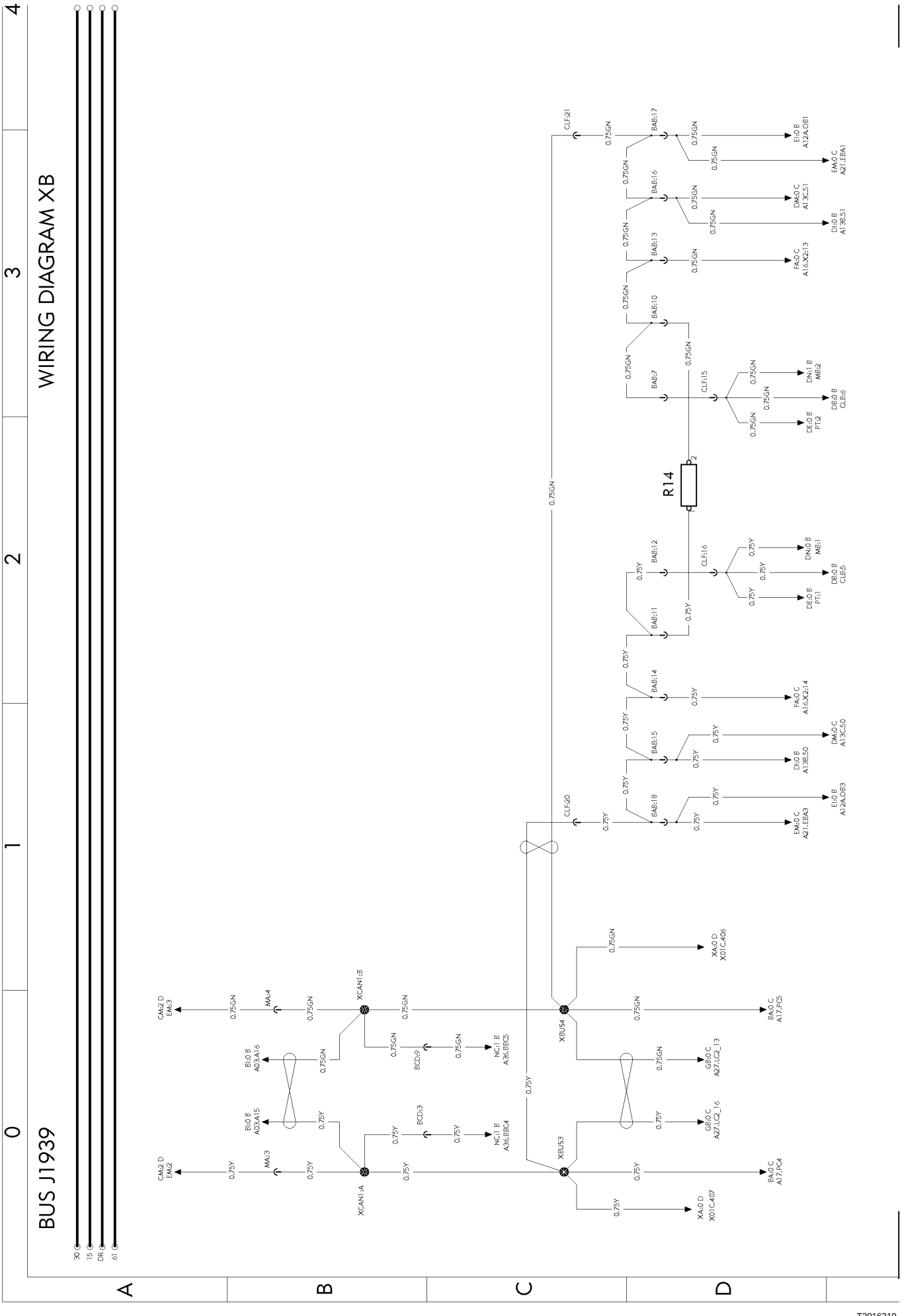

BURGLAR ALARM
WIRING DIAGRAM NK
30
15
DR
61
A31
J1587
S95
S96
S80
S88R
S88L
V07
H06
B91
B90
MIC
XNK1
A
B
C
D
0
1
2
3
4


BODY BUILDER (BB)
TIPPER TRACTOR "HYDRKIT"
WIRING DIAGRAM NR
0
1
2
3
4
A
B
C
D
30
15
DR
61
S03B
S11B
S20B
S19C
S42
B31
K37A
K38A
K38B
K39A
K40A
K41A
Y45A
Y45B
Y45C
Y45D
150 BAR
275 BAR
XFA1
XBB1
XBB2
XBB3
FA:8
FA:9
FA:10
FA:11
FA:16
FA:17
FA:19
PL:2
PL:3
PL:4
PL:5
PL:6
PL:8
PL:11
PL:12
PL:18
X06:2
X06:3
X06:4
X06:5
X06:6
X06:8
X06:11
X06:12
X06:18
X06:19
X06:24
CLK:1
CLK:2
CLK:3
CLK:4
2:1
5:1


BODY BUILDER (BB)
DUAL SPEED
WIRING DIAGRAM NU
A36
Control unit, BBM
(Body Builder Module)
K45
V08
Y49
Y18C
S28A
SWITCH AT
FOOTSTEP
NOT SUPPLIED
BY VOLVO


WIRING DIAGRAM XA
BUS J1708/J1587
Adapter for ISX-diagnose
X01
X01B
X01C
XCAN2:A
XCAN2:B
XBUS1
XBUS2
X1:2A
30
15
DR
61

T3016318


WIRING DIAGRAM XB
BUS J1939
30
15
DR
61
0
1
2
3
4
A
B
C
D
R14
XCAN1:A
XCAN1:B
XBUS3
XBUS4
CLF:20
CLF:21
CLF:16
CLF:15
BAB:18
BAB:15
BAB:14
BAB:12
BAB:11
BAB:10
BAB:7
BAB:17
BAB:16
BAB:13
MA:3
MA:4
BCD:3
BCD:9
0.75Y
0.75GN

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1006	Wiring harness, roof	page 91
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1476	Wiring harness, cab-engine	page 101
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1503	Wiring harness, lower front right	page 132
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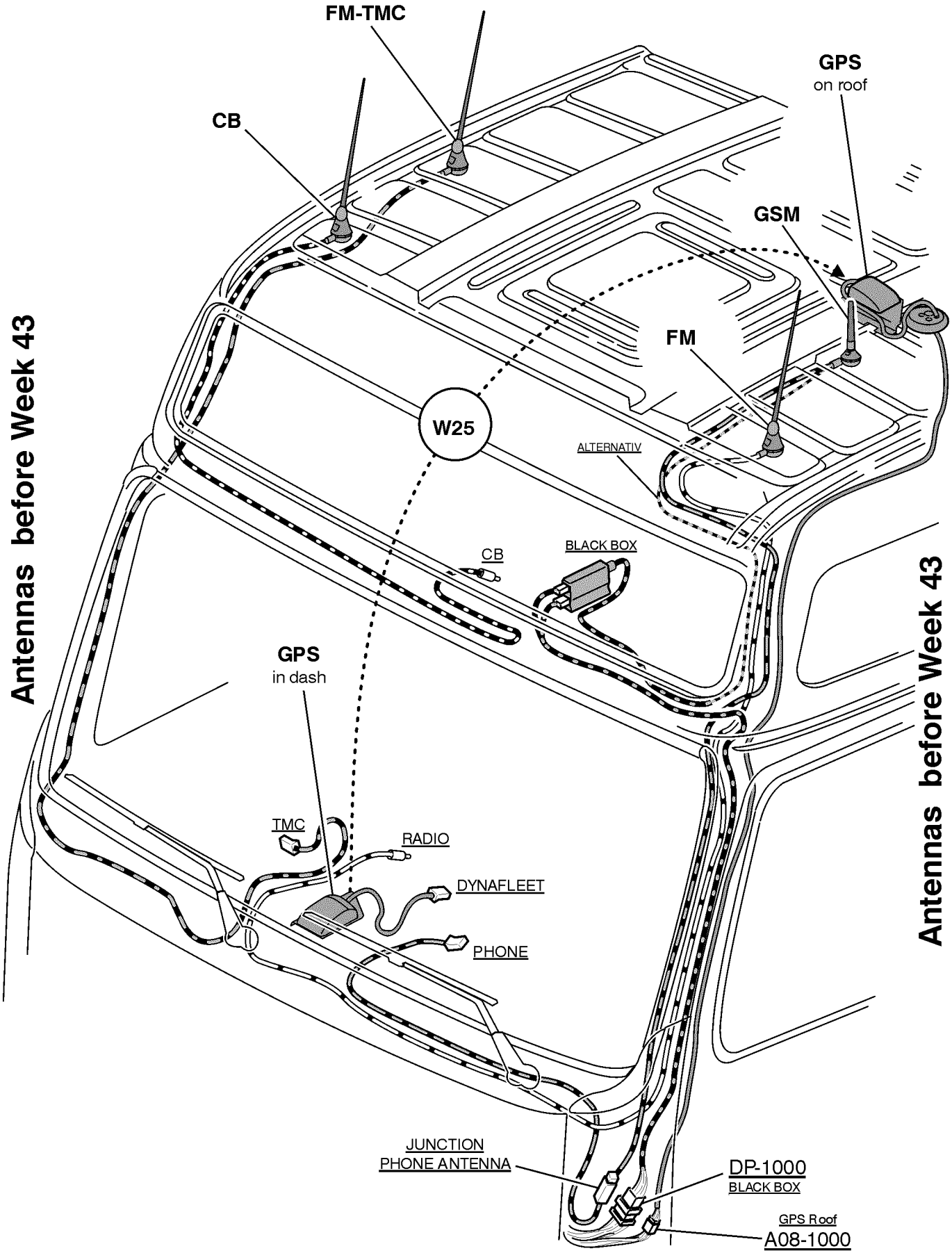
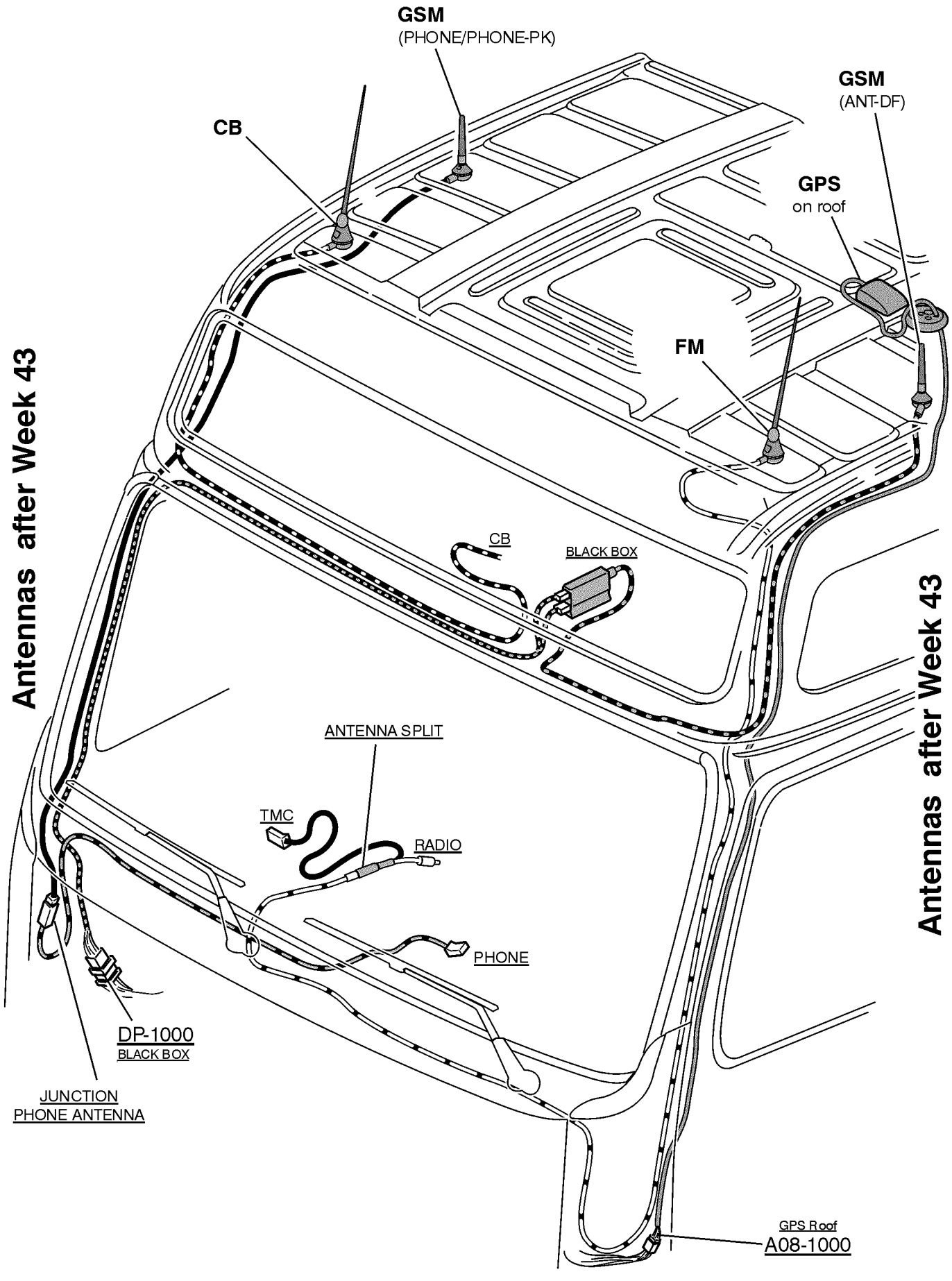
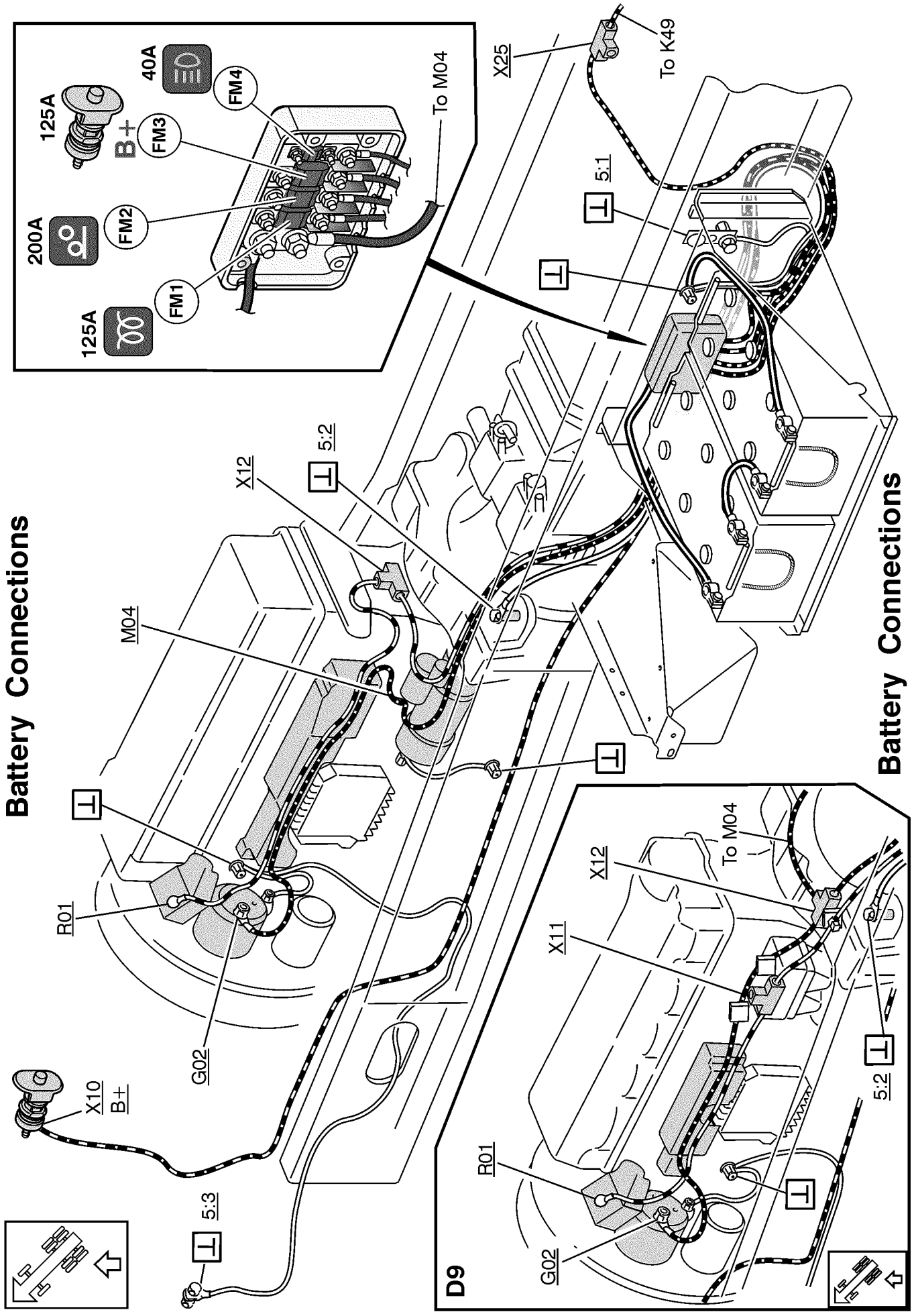
1507	Wiring harness, ESP chassi	page 136

Illustrations

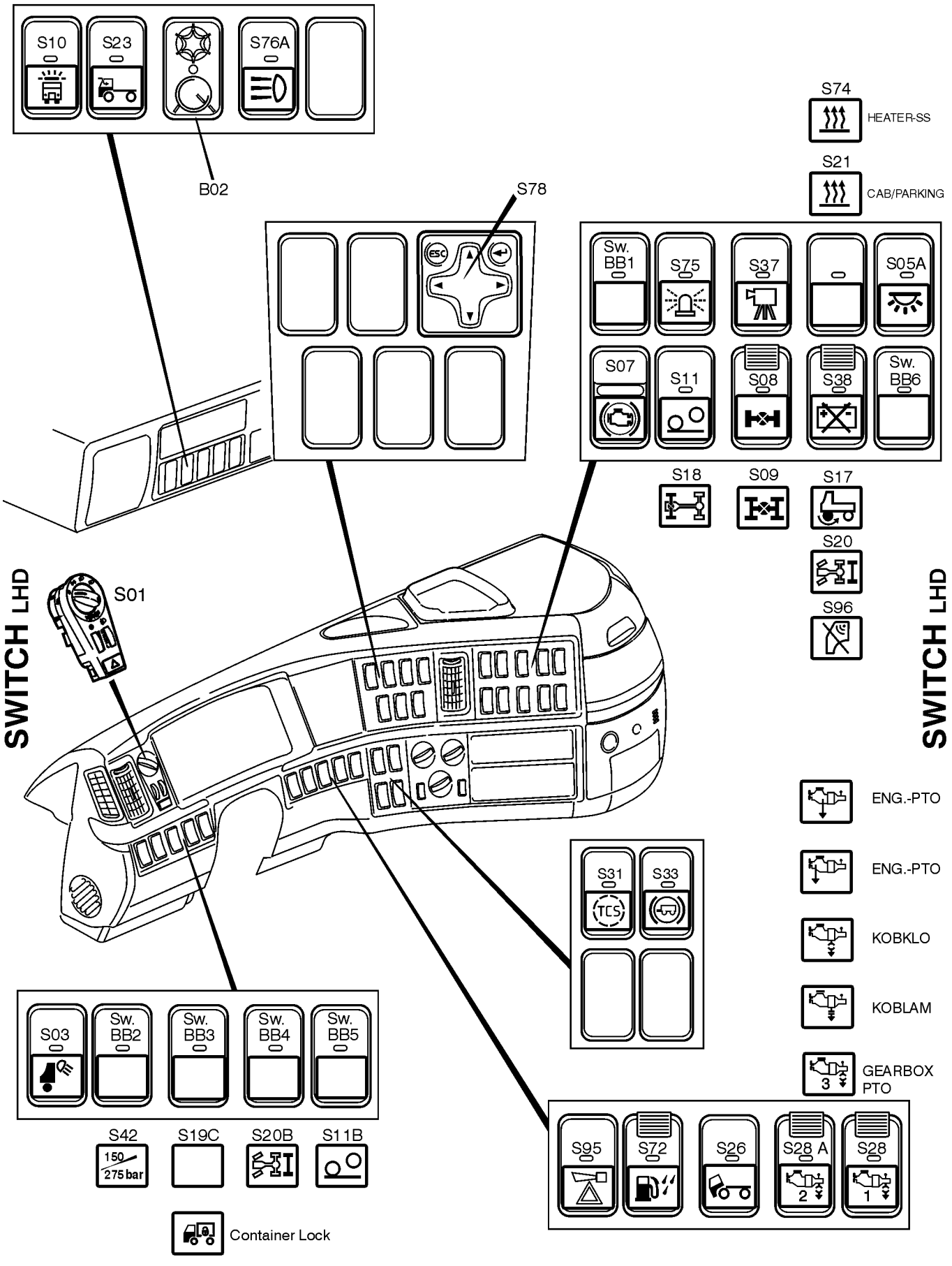


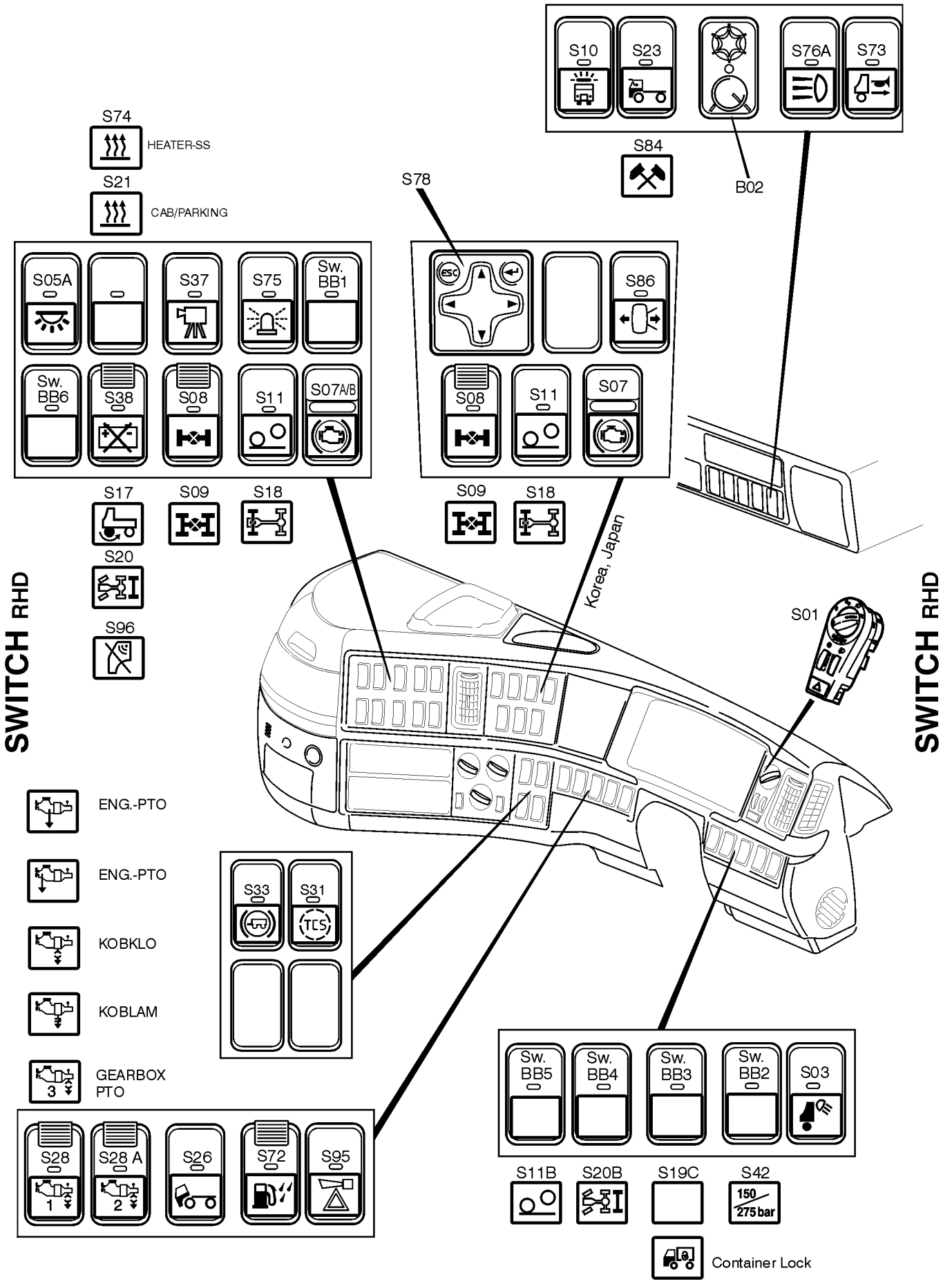
T3016444

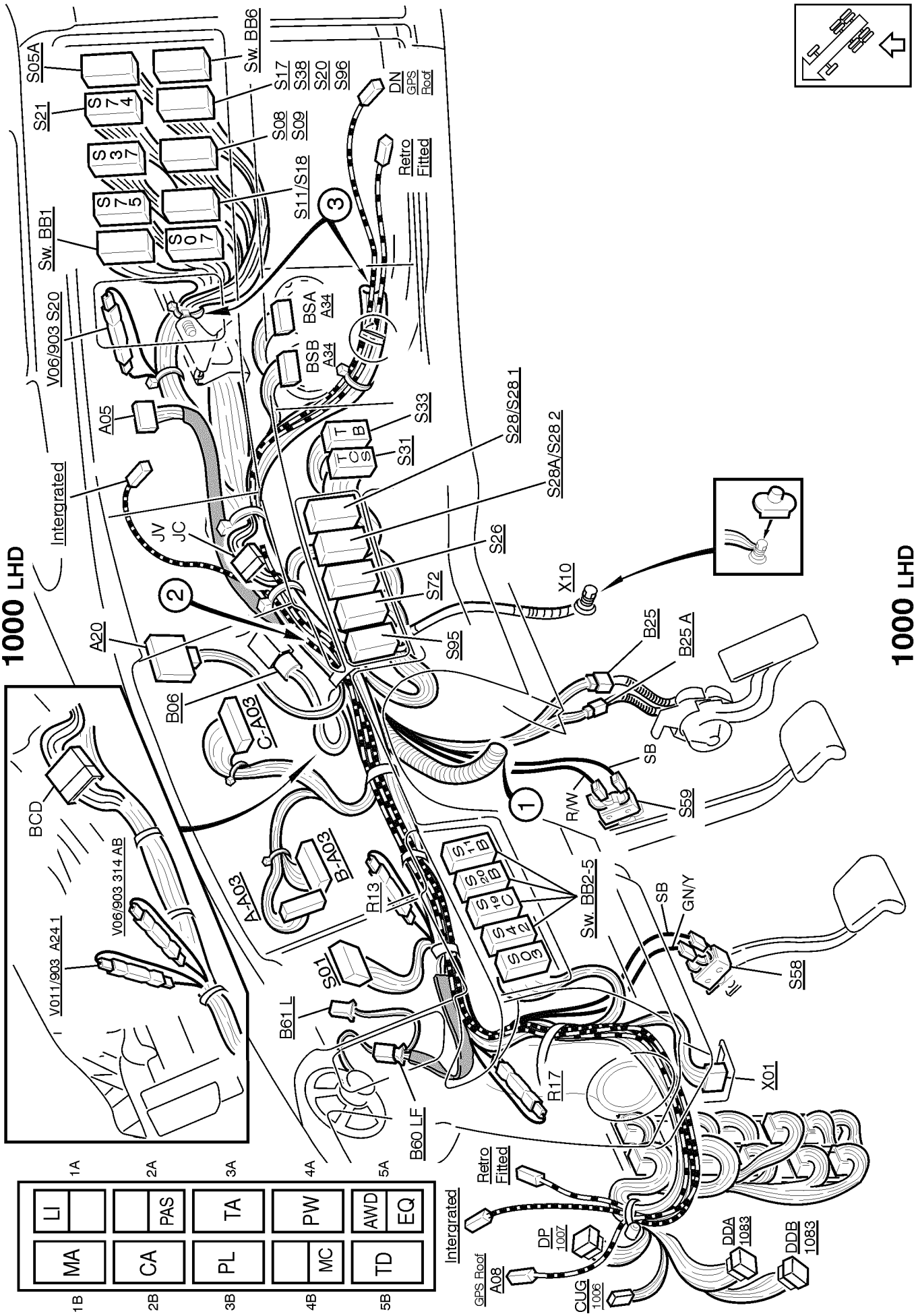

GSM
(PHONE/PHONE-PK)
GSM
(ANT-DF)
CB
GPS
on roof
FM
Antennas after Week 43
CB
BLACK BOX
ANTENNA SPLIT
TMC
RADIO
PHONE
DP-1000
BLACK BOX
JUNCTION
PHONE ANTENNA
GPS Roof
A08-1000
Antennas after Week 43
T3016446


Battery Connections
125A
B+
FM3
40A
FM4
200A
FM2
125A
FM1
To M04
X25
To K49
5:1
X12
5:2
M04
R01
G02
X10
B+
5:3
D9
X11
X12
To M04
R01
G02
5:2
Battery Connections

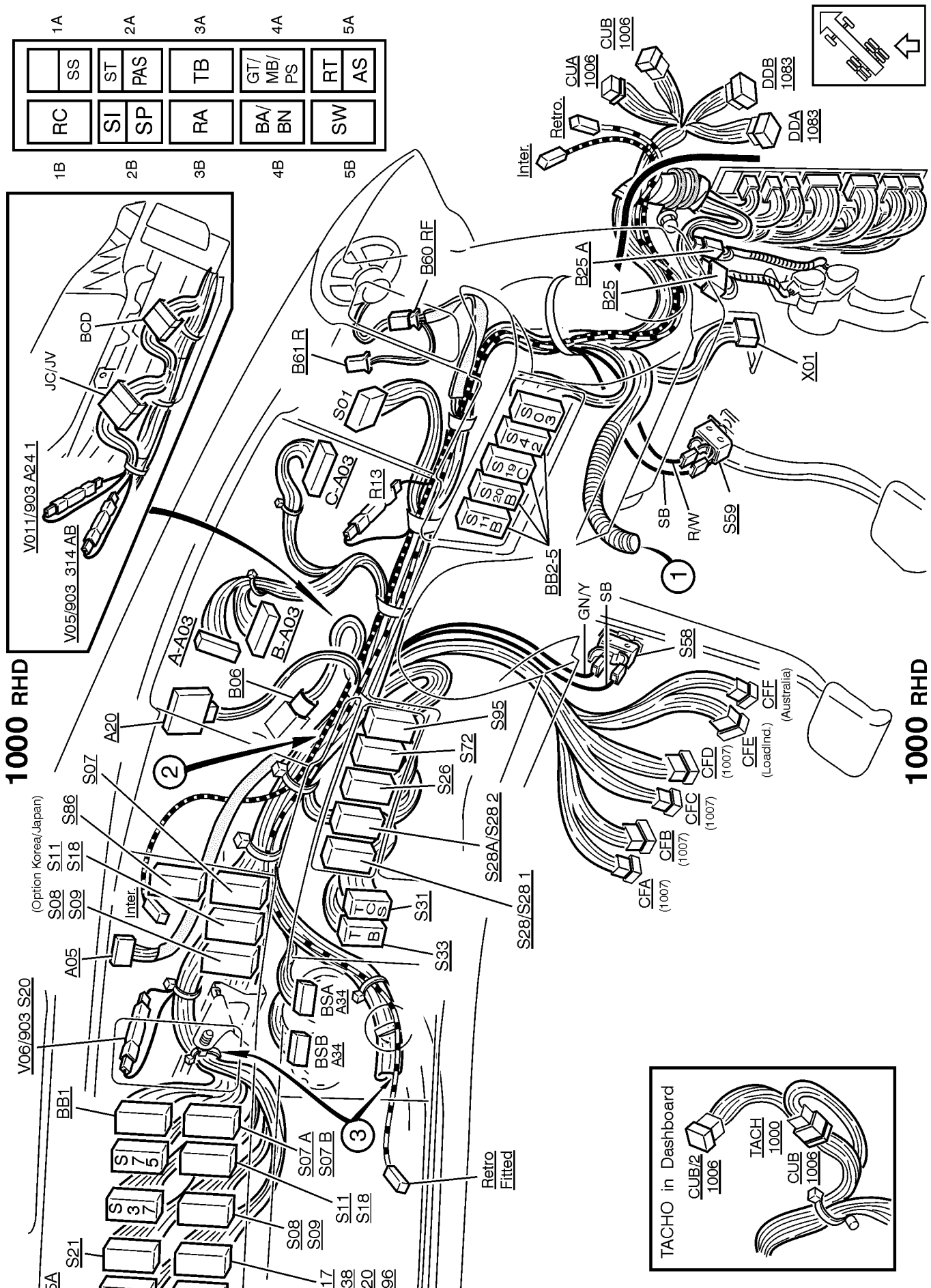
T3016445

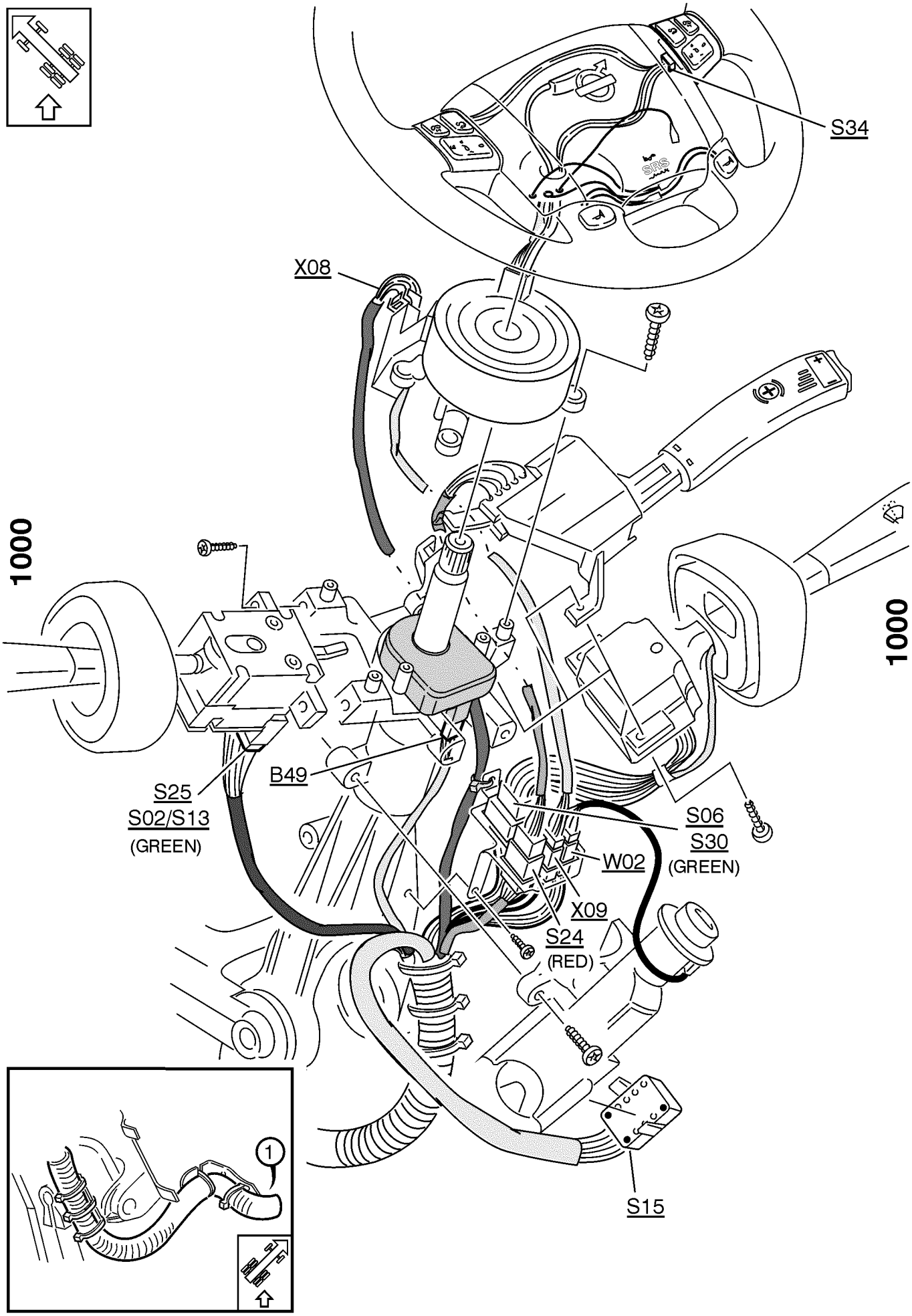

S10
S23
S76A
B02
S78
S74
HEATER-SS
S21
CAB/PARKING
Sw. BB1
S75
S37
S05A
S07
S11
S08
S38
Sw. BB6
S18
S09
S17
S20
S96
SWITCH LHD
S01
SWITCH LHD
ENG.-PTO
ENG.-PTO
KOBKLO
KOBLAM
GEARBOX PTO
S31
S33
TCS
S03
Sw. BB2
Sw. BB3
Sw. BB4
Sw. BB5
S42
150 275 bar
S19C
S20B
S11B
Container Lock
S95
S72
S26
S28 A
S28
2
1
3
T3016378


S10
S23
S76A
S73
S84
B02
S74
HEATER-SS
S21
CAB/PARKING
S78
S05A
S37
S75
Sw. BB1
S86
Sw. BB6
S38
S08
S11
S07A/B
S08
S11
S07
S17
S09
S18
S09
S18
S20
S96
SWITCH RHD
Korea, Japan
S01
SWITCH RHD
ENG.-PTO
ENG.-PTO
KOBKLO
KOBLAM
GEARBOX PTO
S33
S31
TCS
Sw. BB5
Sw. BB4
Sw. BB3
Sw. BB2
S03
S28
S28 A
S26
S72
S95
S11B
S20B
S19C
S42
150
275 bar
Container Lock
T3016379

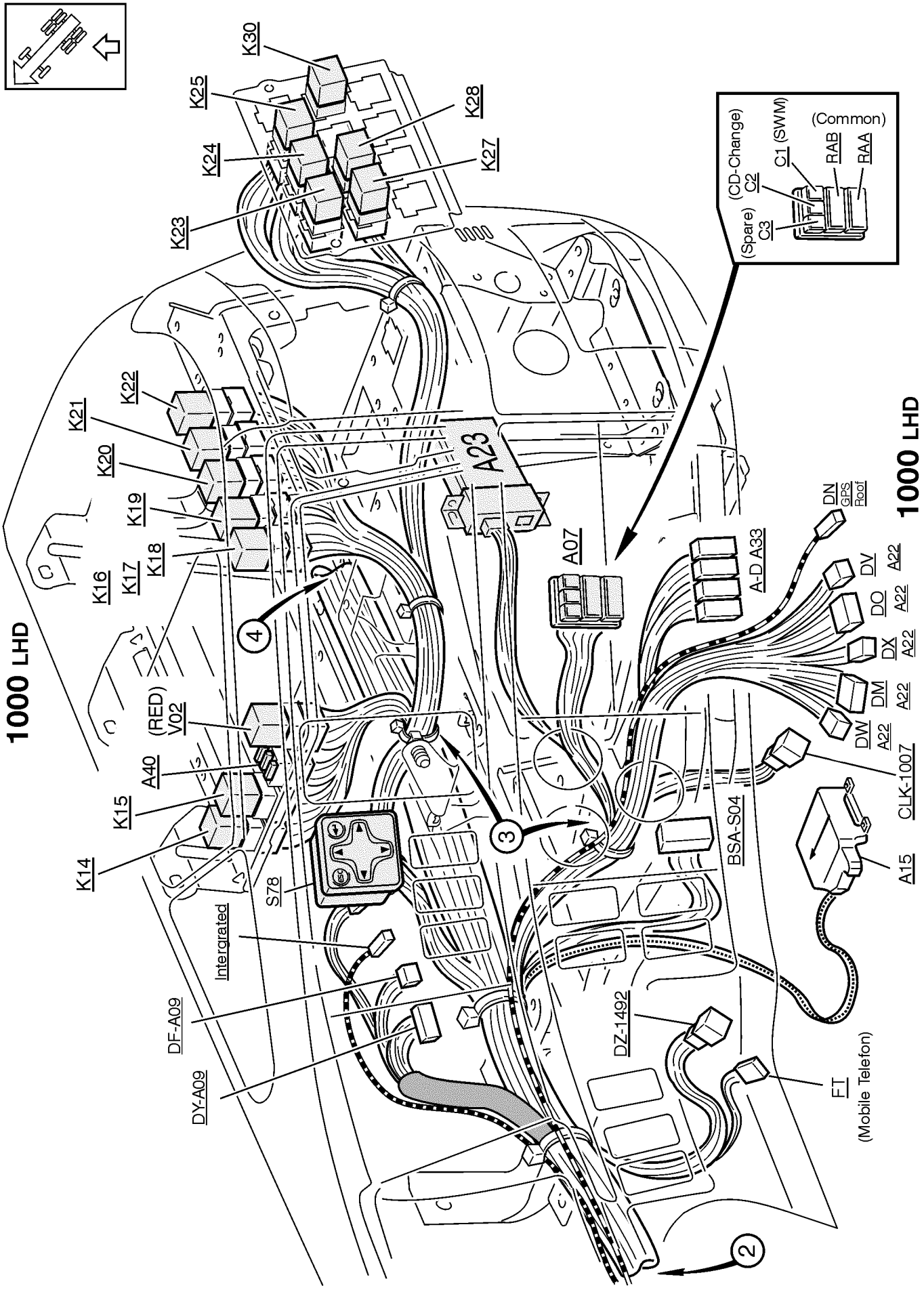

1000 LHD
1000 LHD
Intergrated
Retro Fitted
GPS Roof A08
DP 1007
CUG 1006
DDA 1083
DDB 1083
Sw. BB1
Sw. BB6
Sw. BB2-5
V06/903 S20
V011/903 A24 1
V06/903 314 AB
S05A
S21
S17
S38
S20
S96
S08
S09
S11/S18
S33
S31
S28/S28 1
S28A/S28 2
S26
S72
S95
X10
B25
B25 A
S59
S58
X01
R17
B61 L
B60 LF
S01
R13
A-A03
B-A03
C-A03
A20
B06
A05
BCD
JV
JC
BSA A34
BSB A34
DN GPS Roof
SB
R/W
GN/Y
MA
LI
CA
PAS
PL
TA
PW
MC
TD
AWD
EQ
1A
2A
3A
4A
5A
1B
2B
3B
4B
5B

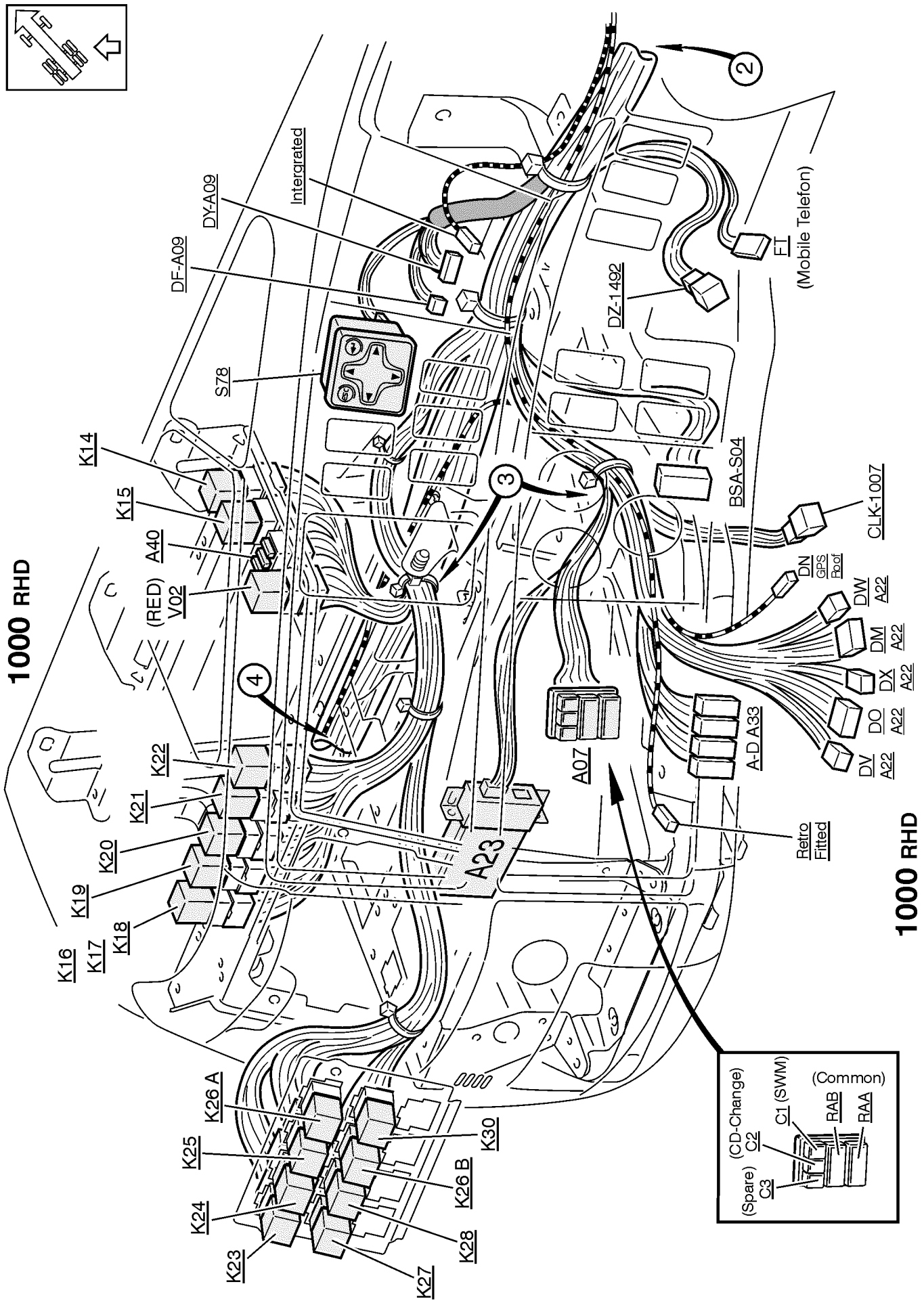
T3016382

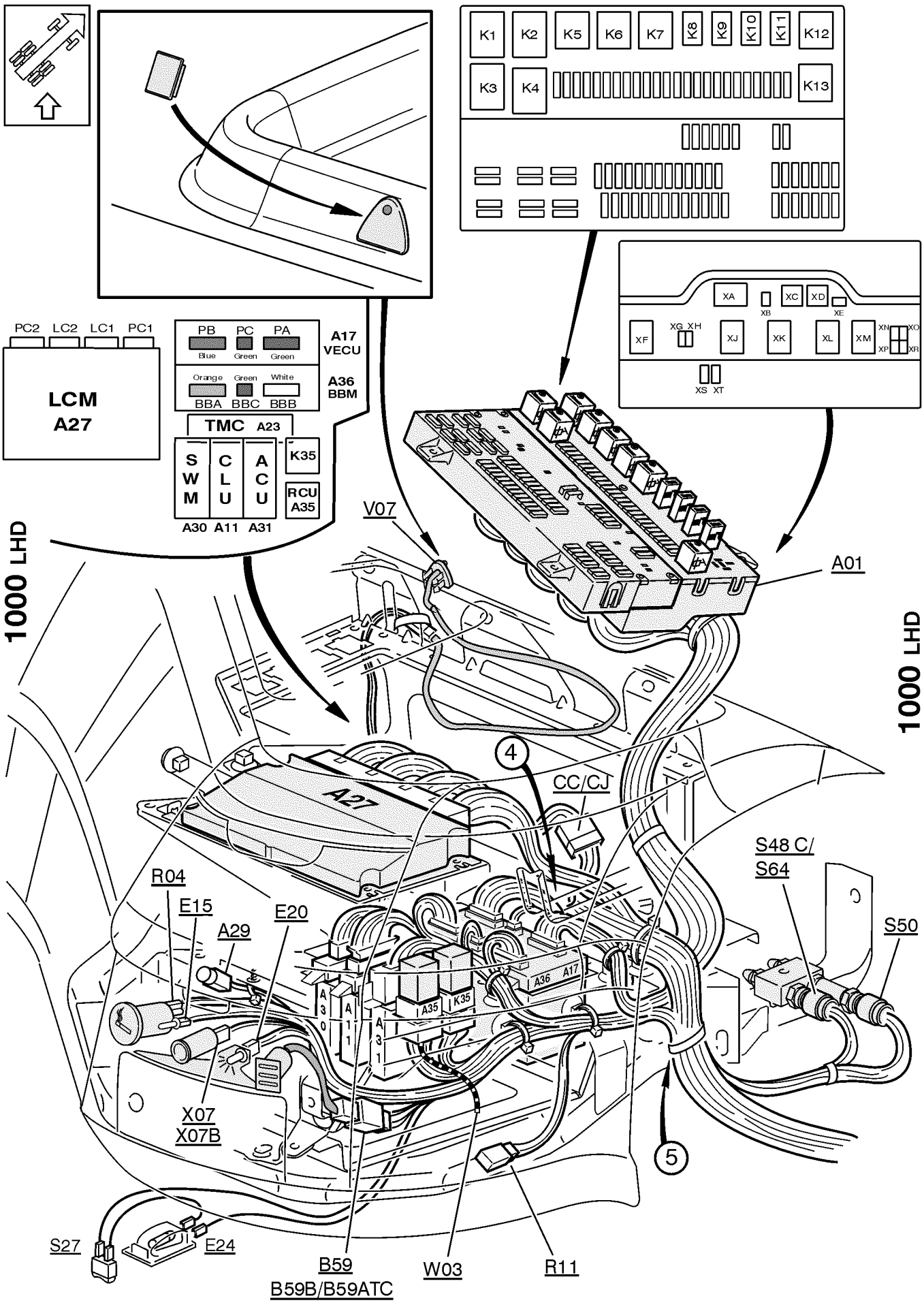

1000 RHD
1000 RHD
1A
2A
3A
4A
5A
1B
2B
3B
4B
5B
RC
SS
SI
SP
ST
PAS
RA
TB
BA/
BN
GT/
MB/
PS
SW
RT
AS
V011/903 A24 1
V05/903 314 AB
JC/JV
BCD
B61 R
B60 RF
S01
C-A03
R13
A-A03
B-A03
B06
A20
S07
S86
S11
S18
S08
S09
Inter.
(Option Korea/Japan)
A05
V06/903 S20
BB1
S07 A
S07 B
S11
S18
S08
S09
S21
S17
S38
S20
S96
S05A
BB6
BSA
A34
BSB
A34
S33
S31
S95
S72
S26
S28A/S28 2
S28/S28 1
BB2-5
B25 A
B25
X01
Inter.
Retro.
CUA
1006
CUB
1006
DDB
1083
DDA
1083
SB
R/W
S59
GN/Y
SB
S58
CFA
(1007)
CFB
(1007)
CFC
(1007)
CFD
(1007)
CFE
(LoadInd.)
CFF
(Australia)
Retro
Fitted
TACHO in Dashboard
CUB/2
1006
TACH
1000
CUB
1006
T3016383


S34
X08
1000
1000
B49
S25
S02/S13
(GREEN)
S06
S30
(GREEN)
W02
X09
S24
(RED)
S15
1

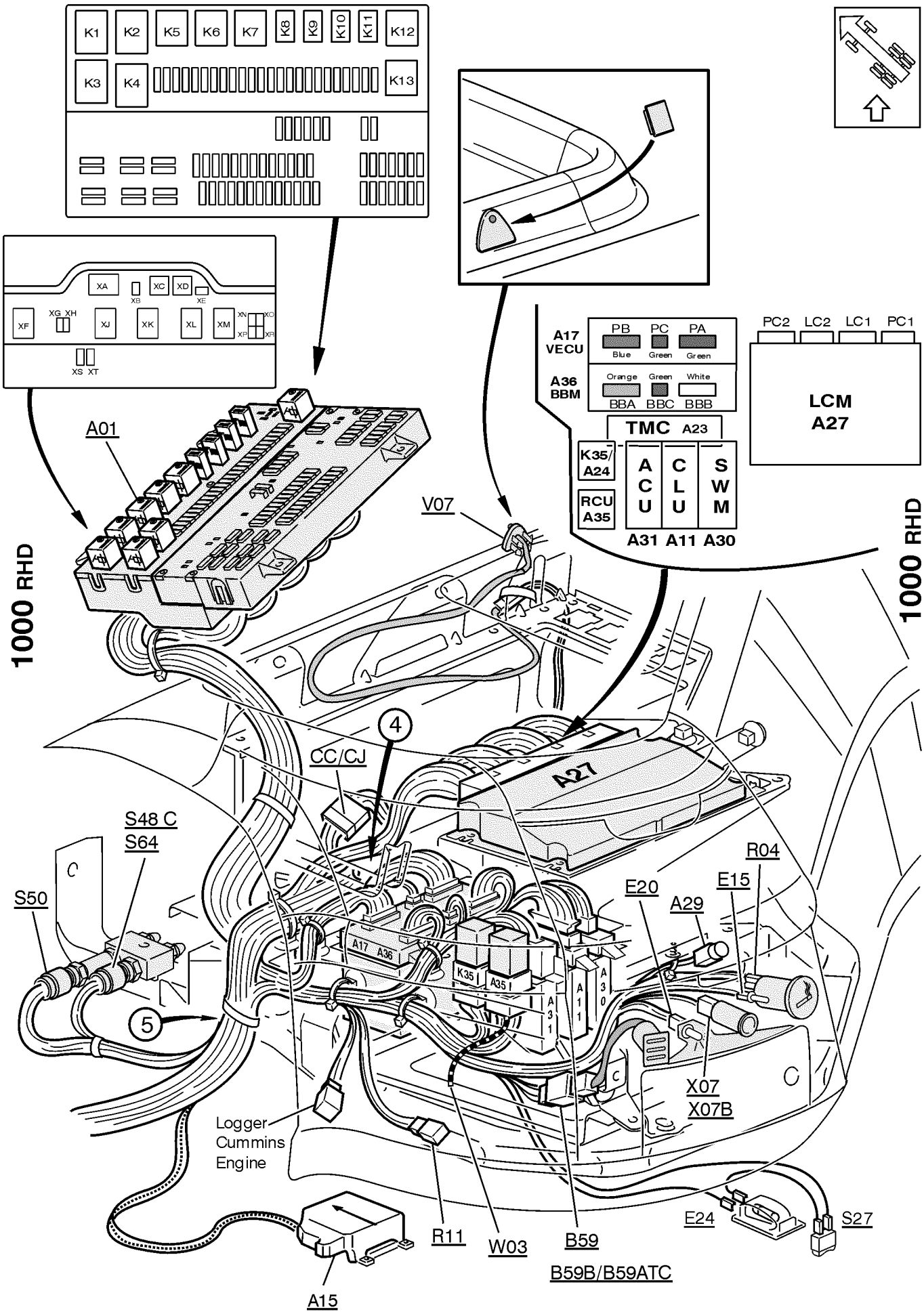
T3016384


1000 LHD
1000 LHD
K30
K25
K28
K24
K27
K23
K22
K21
K20
K19
K18
K17
K16
K15
K14
A23
A07
A-D A33
DN GPS Roof
DV A22
DO A22
DX A22
DM A22
DW A22
(RED) V02
A40
S78
Intergrated
BSA-S04
CLK-1007
A15
DF-A09
DY-A09
DZ-1492
FT (Mobile Telefon)
(CD-Change) C2
(Spare) C3
C1 (SWM)
(Common)
RAB
RAA
1
2
3
4

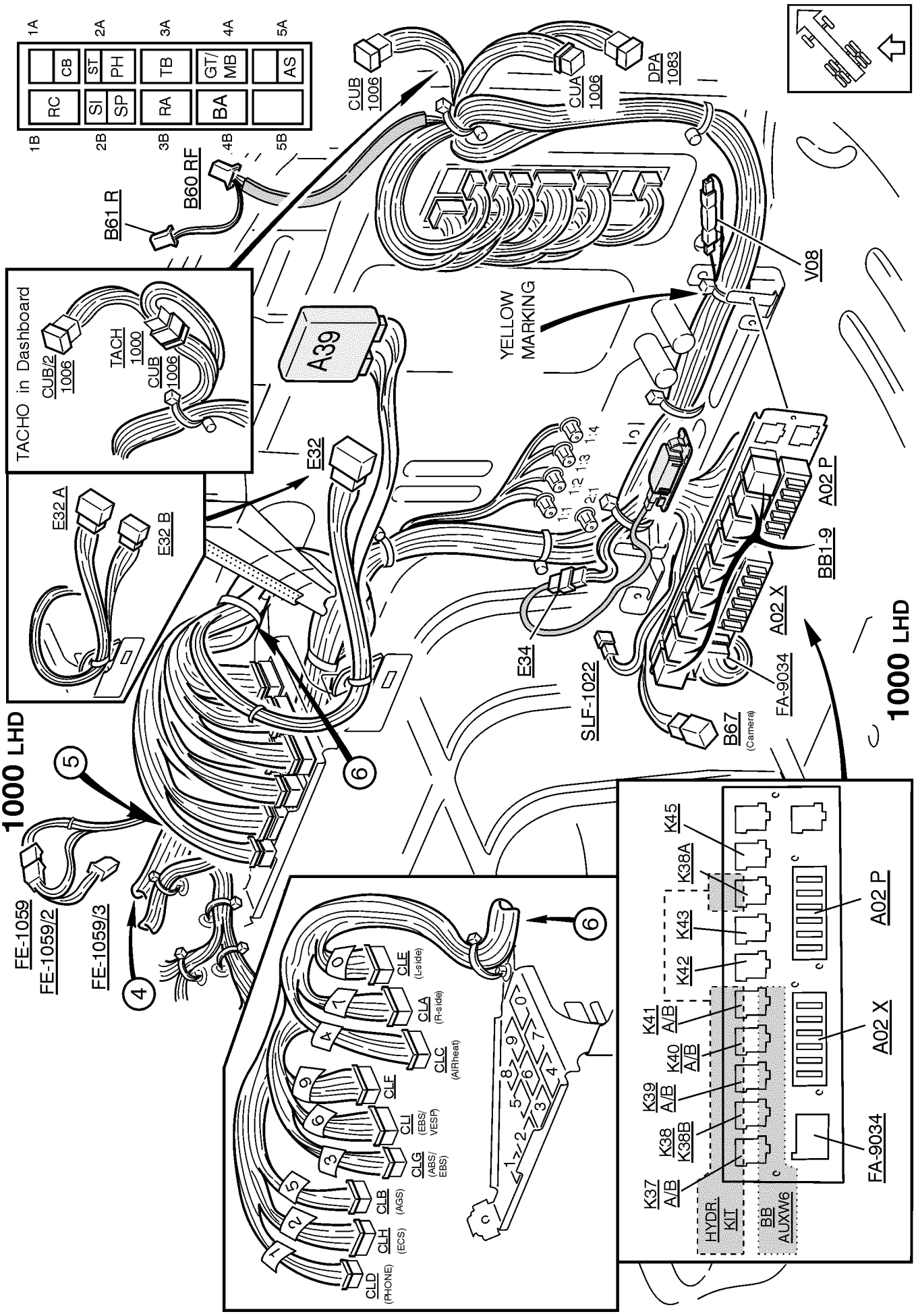

1000 RHD
1000 RHD
DF-A09
DY-A09
Integrated
S78
K14
K15
A40
(RED) V02
K22
K21
K20
K19
K18
K16
K17
K26 A
K25
K24
K23
K27
K28
K26 B
K30
A23
A07
A-D A33
BSA-S04
DZ-1492
FT (Mobile Telefon)
CLK-1007
DN GPS Roof
DW A22
DM A22
DX A22
DO A22
DV A22
Retro Fitted
(CD-Change) C2
(Spare) C3
C1 (SWM)
(Common)
RAB
RAA
T3016386

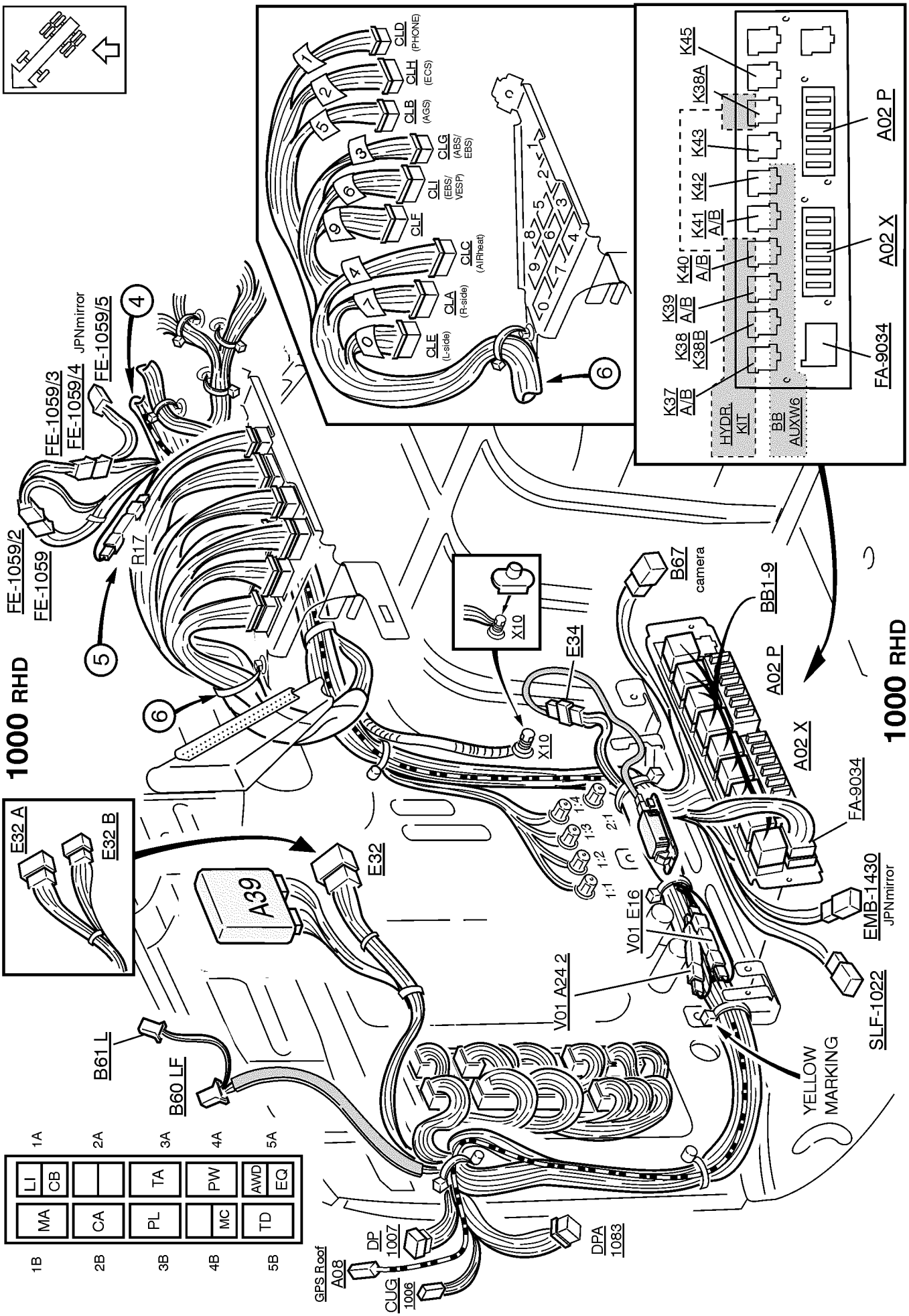

K1
K2
K5
K6
K7
K8
K9
K10
K11
K12
K3
K4
K13
XA
XB
XC
XD
XE
XF
XG XH
XJ
XK
XL
XM
XN
XO
XP
XR
XS XT
PC2 LC2 LC1 PC1
LCM
A27
PB
PC
PA
Blue
Green
Green
A17
VECU
Orange
Green
White
BBA BBC BBB
A36
BBM
TMC A23
S
W
M
C
L
U
A
C
U
K35
RCU
A35
A30 A11 A31
V07
A01
1000 LHD
1000 LHD
4
CC/CJ
A27
S48 C/
S64
S50
R04
E15
E20
A29
A36
A17
A35
K35
X07
X07B
5
S27
E24
B59
B59B/B59ATC
W03
R11

T3016387

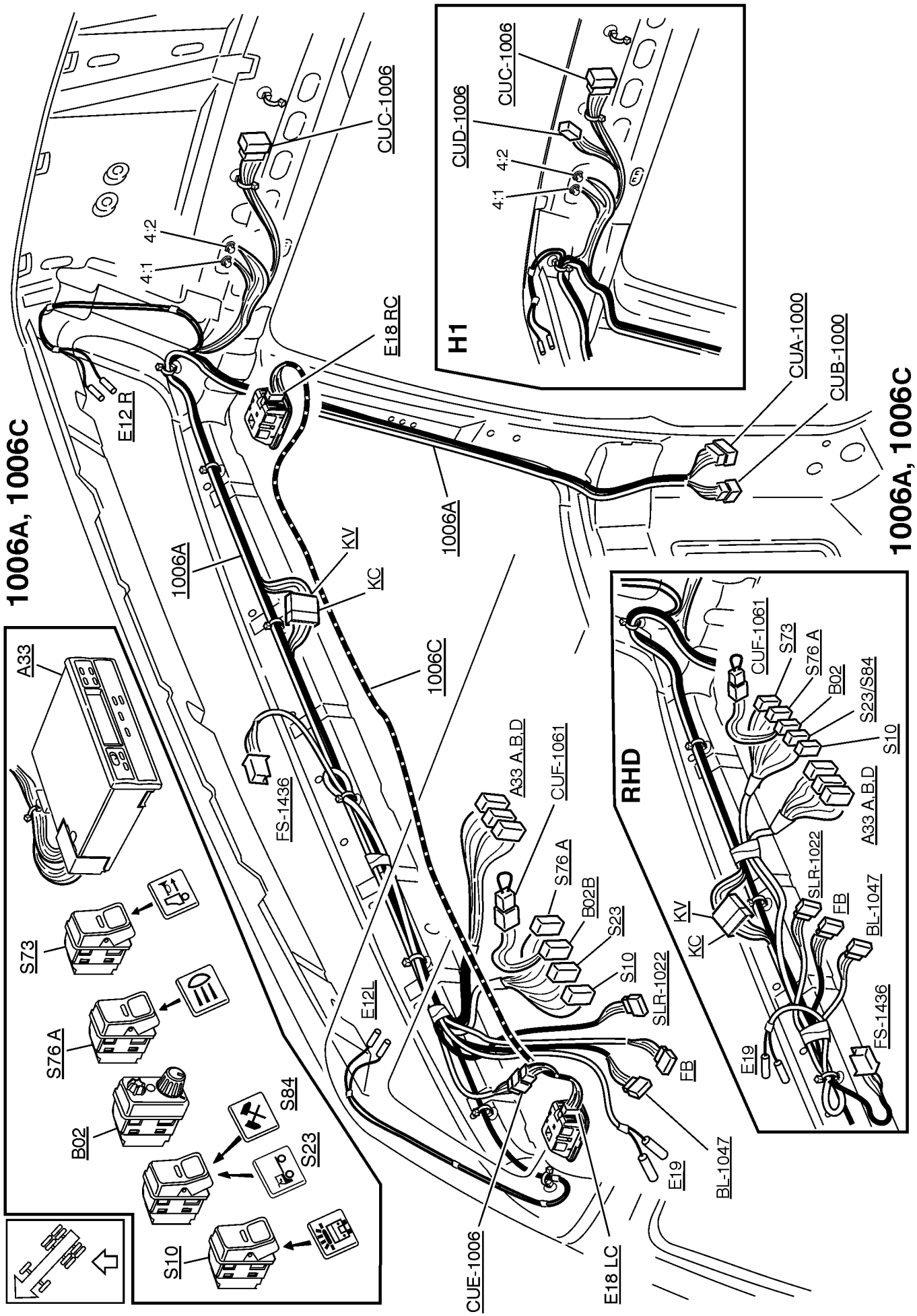

K1
K2
K5
K6
K7
K8
K9
K10
K11
K12
K3
K4
K13
XA
XB
XC
XD
XE
XF
XG XH
XJ
XK
XL
XM
XN
XP
XR
XS XT
A01
V07
A17
VECU
PB
PC
PA
Blue
Green
Green
A36
BBM
Orange
Green
White
BBA
BBC
BBB
TMC A23
K35/
A24
RCU
A35
A
C
U
C
L
U
S
W
M
A31 A11 A30
PC2 LC2 LC1 PC1
LCM
A27
1000 RHD
1000 RHD
4
5
CC/CJ
A27
S48 C
S64
S50
R04
E20
E15
A29
A17 A36
K35 A35
A31
A11
A30
X07
X07B
Logger
Cummins
Engine
R11
W03
B59
B59B/B59ATC
E24
S27
A15

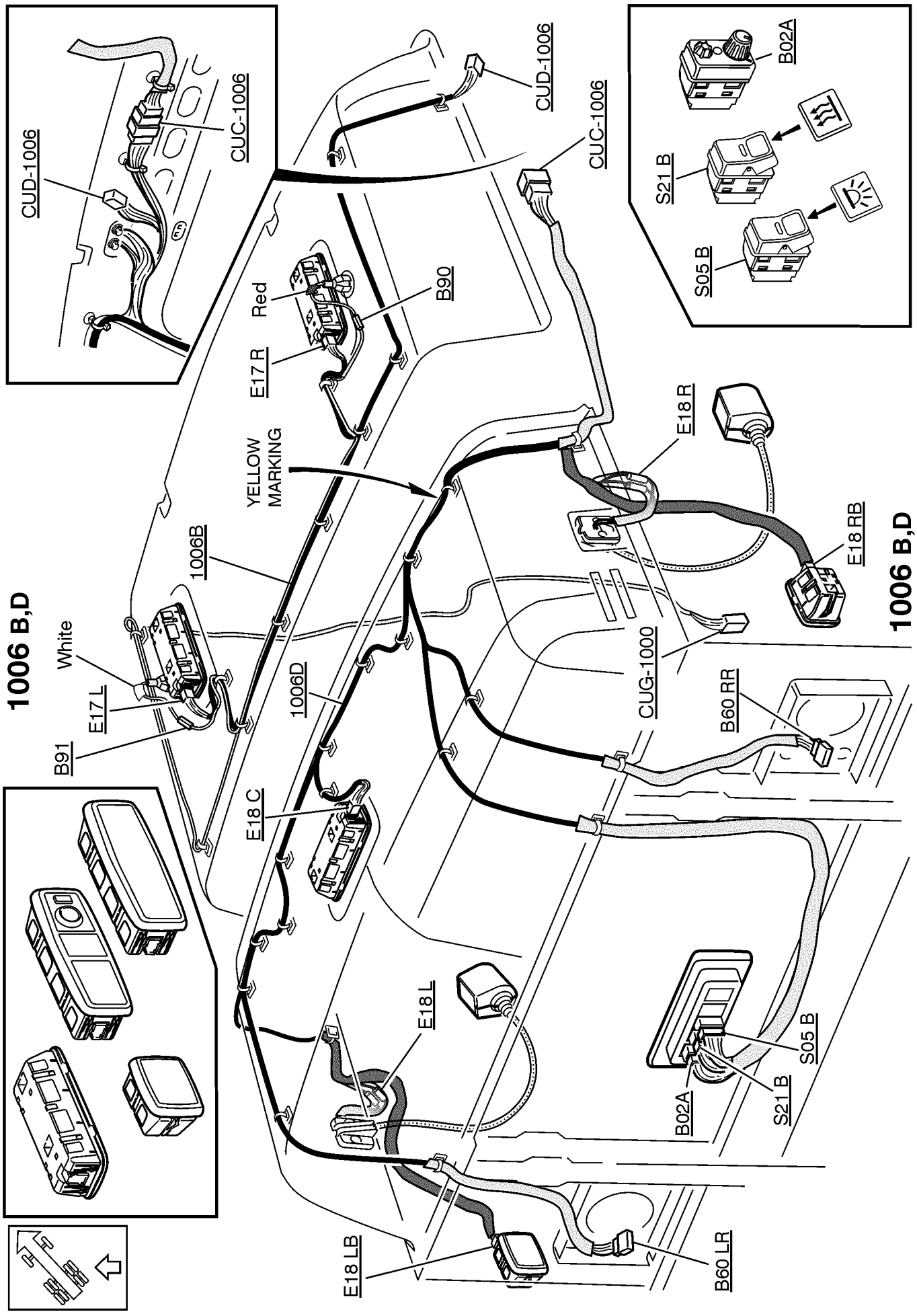
T3016388


1000 LHD
1000 LHD
TACHO in Dashboard
CUB/2 1006
TACH 1000
CUB 1006
E32 A
E32 B
E32
A39
B61 R
B60 RF
CUB 1006
CUA 1006
DPA 1083
V08
YELLOW MARKING
E34
SLF-1022
B67 (Camera)
FA-9034
A02 X
A02 P
BB1-9
FE-1059
FE-1059/2
FE-1059/3
CLE (L-side)
CLA (R-side)
CLC (AIRheat)
CLF
CLI (EBS/ VESP)
CLG (ABS/ EBS)
CLB (AGS)
CLH (ECS)
CLD (PHONE)
K45
K38A
K43
K42
K41 A/B
K40 A/B
K39 A/B
K38 K38B
K37 A/B
HYDR. KIT
BB AUXW6
RC
CB
SI
SP
ST
PH
RA
TB
BA
GT/ MB
AS

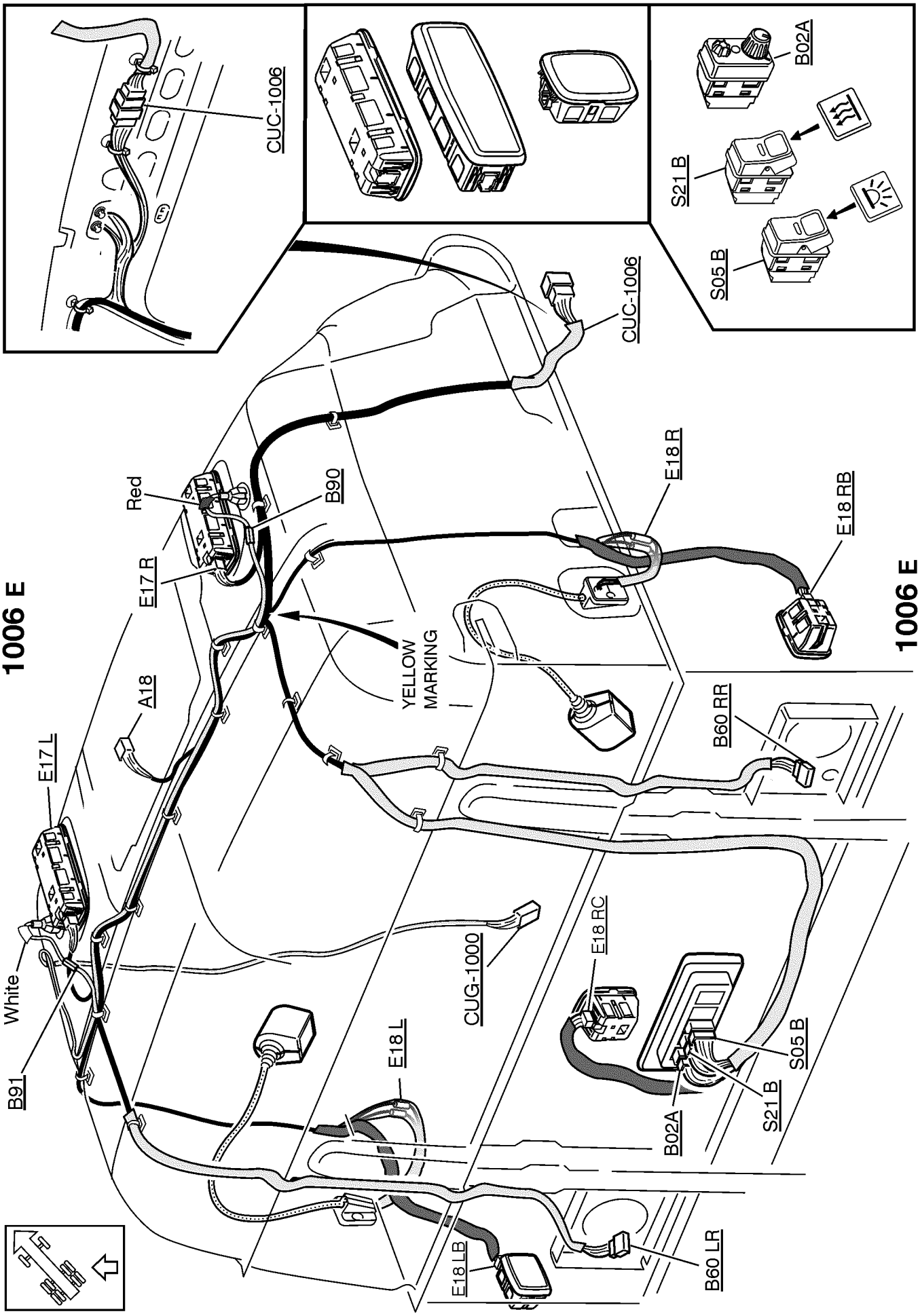

1000 RHD
1000 RHD
FE-1059/2
FE-1059
FE-1059/3
FE-1059/4
JPNmirror
FE-1059/5
R17
E32 A
E32 B
E32
A39
B61 L
B60 LF
X10
E34
B67
camera
BB1-9
A02 P
A02 X
FA-9034
EMB-1430
JPNmirror
SLF-1022
YELLOW MARKING
V01 E16
V01 A24 2
DP 1007
DPA 1083
CUG 1006
GPS Roof A08
CLD (PHONE)
CLH (ECS)
CLB (AGS)
CLG (ABS/ EBS)
CLI (EBS/ VESP)
CLF
CLC (AIRheat)
CLA (R-side)
CLE (L-side)
K45
K38A
K43
K42
K41 A/B
K40 A/B
K39 A/B
K38 K38B
K37 A/B
FA-9034
HYDR KIT
BB AUXW6
LI CB
MA
CA
PL
TA
MC
PW
TD
AWD
EQ

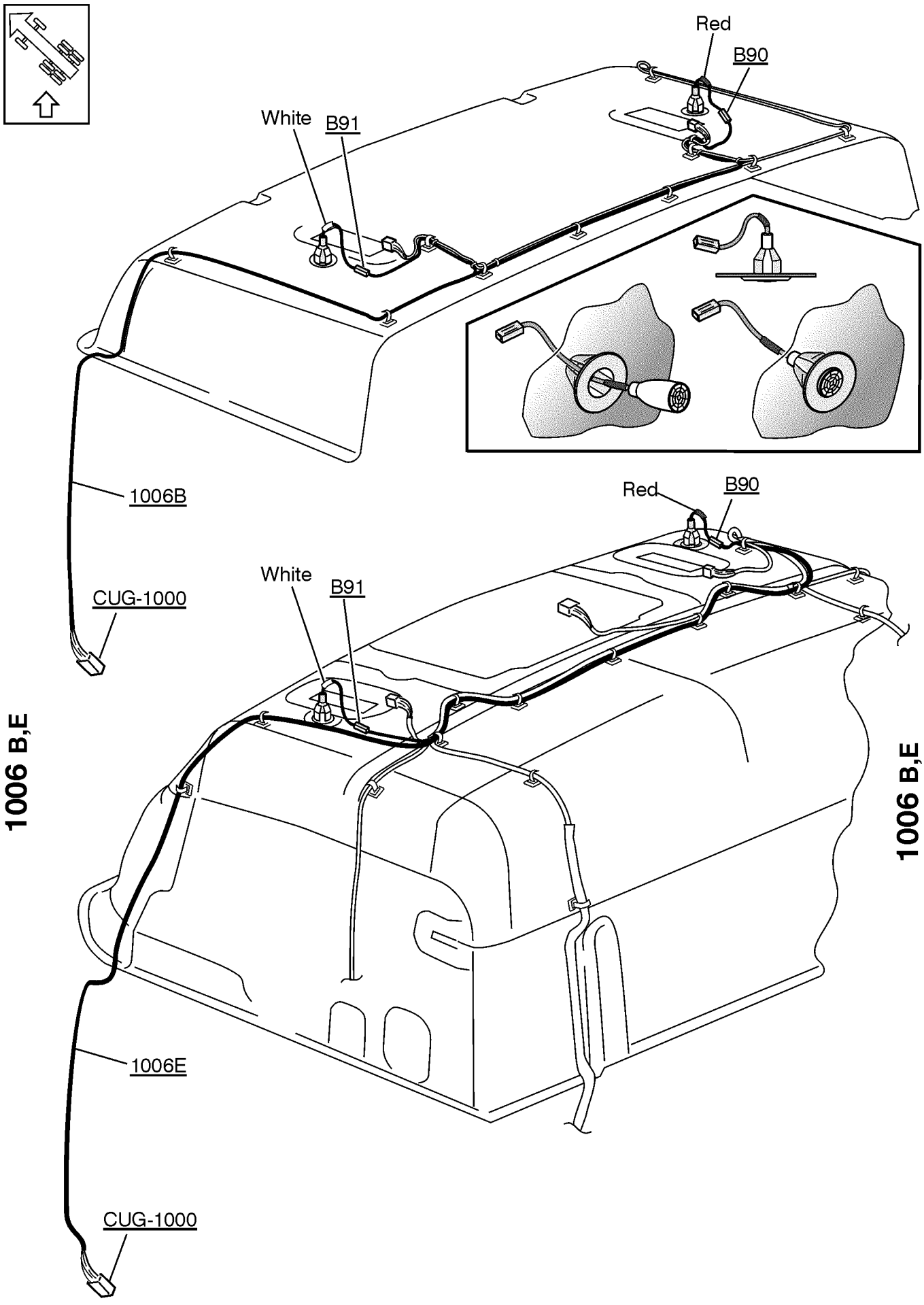
T3016390


1006A, 1006C
E12 R
CUC-1006
4:2
4:1
E18 RC
H1
CUD-1006
CUC-1006
4:2
4:1
CUA-1000
CUB-1000
1006A
1006A
KV
KC
1006C
1006A, 1006C
A33
S73
S76 A
B02
S84
S23
S10
FS-1436
A33 A,B,D
CUF-1061
S76 A
B02B
S23
S10
SLR-1022
FB
E12L
BL-1047
E19
CUE-1006
E18 LC
RHD
CUF-1061
S73
S76 A
B02
S23/S84
S10
A33 A,B,D
SLR-1022
FB
BL-1047
KV
KC
E19
FS-1436

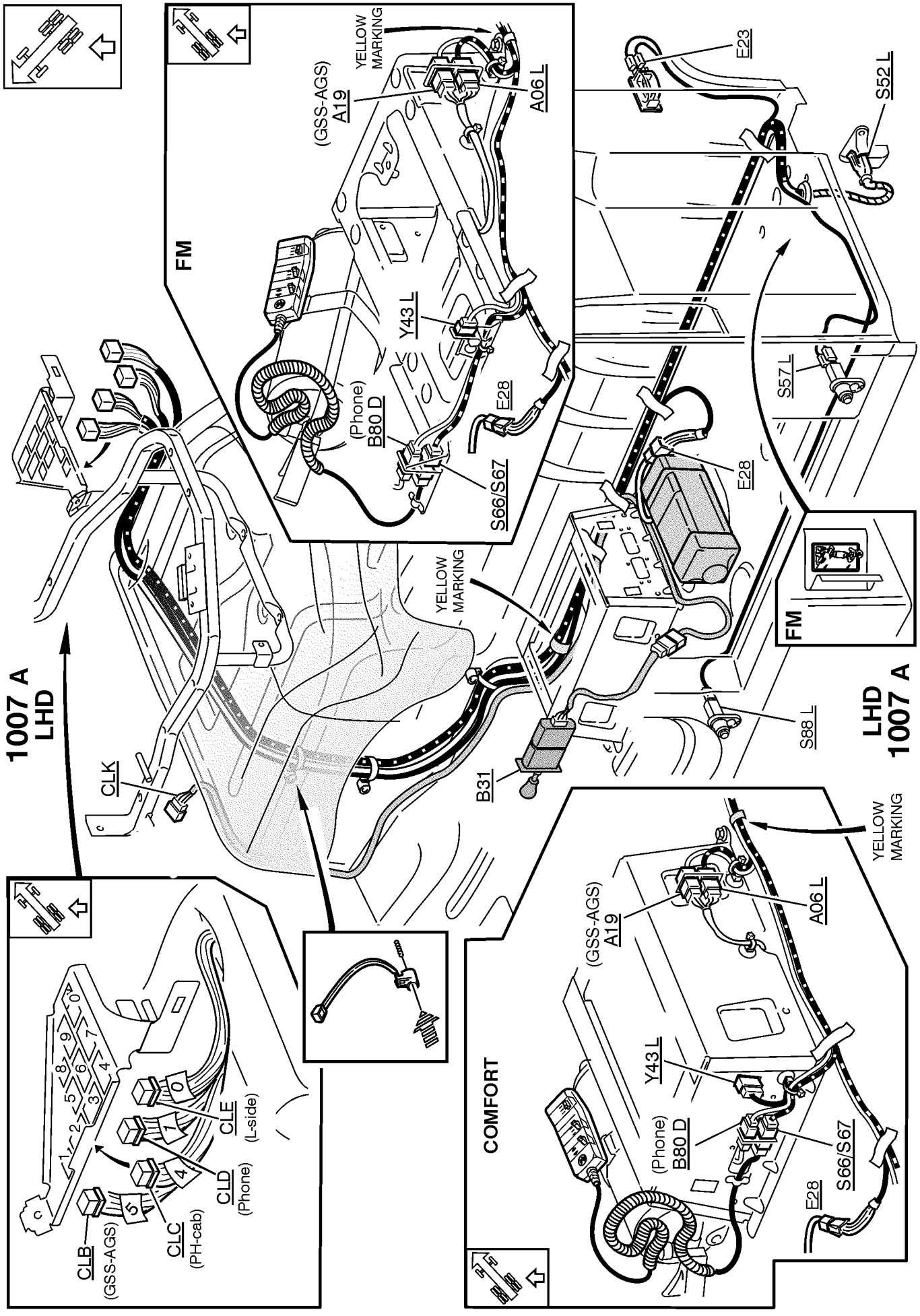

1006 B,D
White
E17 L
B91
1006B
1006D
E18 C
E18 L
E18 LB
B60 LR
B60 RR
CUG-1000
E18 R
E18 RB
1006 B,D
YELLOW MARKING
E17 R
Red
B90
CUD-1006
CUC-1006
CUD-1006
CUC-1006
B02A
S21 B
S05 B
B02A
S21 B
S05 B

T3016392

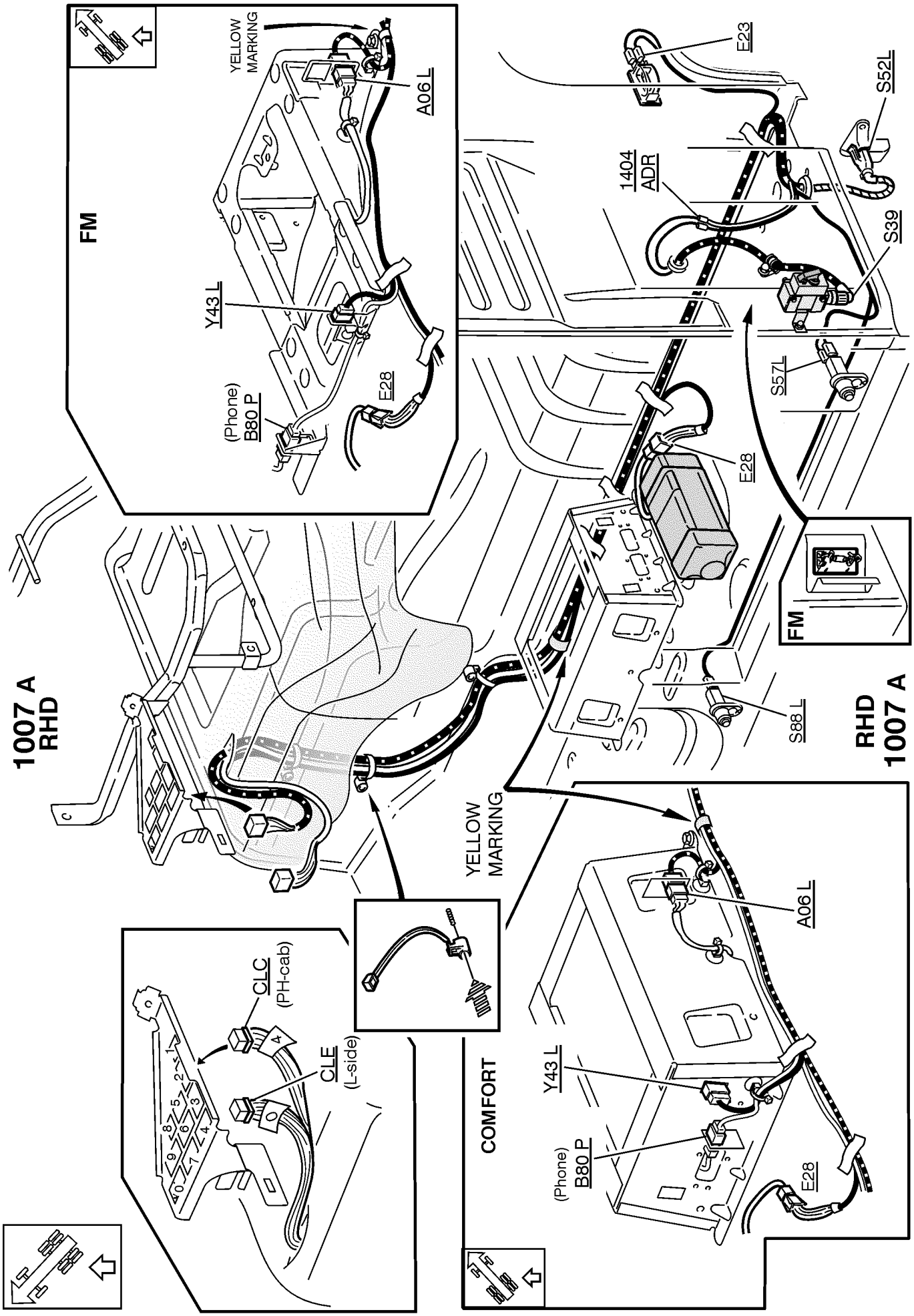

CUC-1006
B02A
S21 B
S05 B
CUC-1006
1006 E
Red
B90
E17 R
E18 R
E18 RB
A18
YELLOW MARKING
E17 L
B60 RR
1006 E
White
B91
CUG-1000
E18 RC
E18 L
B02A
S21 B
S05 B
E18 LB
B60 LR


Red
B90
White
B91
1006B
CUG-1000
Red
B90
White
B91
1006 B,E
1006 B,E
1006E
CUG-1000

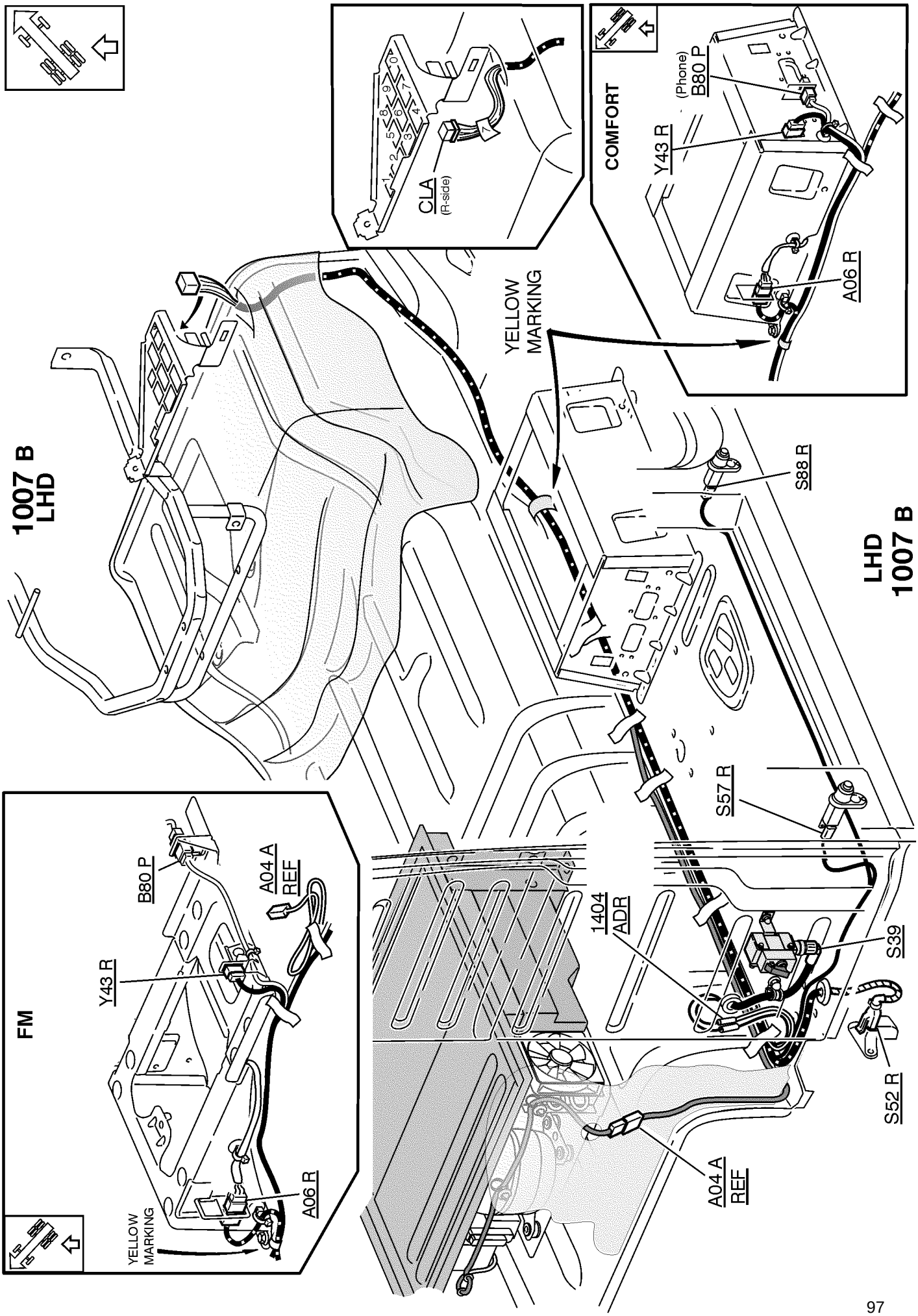
T3016394


1007 A
LHD
CLK
FM
(GSS-AGS)
A19
YELLOW
MARKING
A06 L
Y43 L
(Phone)
B80 D
E28
S66/S67
E23
S52 L
S57 L
E28
YELLOW
MARKING
B31
S88 L
FM
LHD
1007 A
CLB
(GSS-AGS)
CLC
(PH-cab)
CLD
(Phone)
CLE
(L-side)
COMFORT
(GSS-AGS)
A19
A06 L
YELLOW
MARKING
Y43 L
(Phone)
B80 D
E28
S66/S67

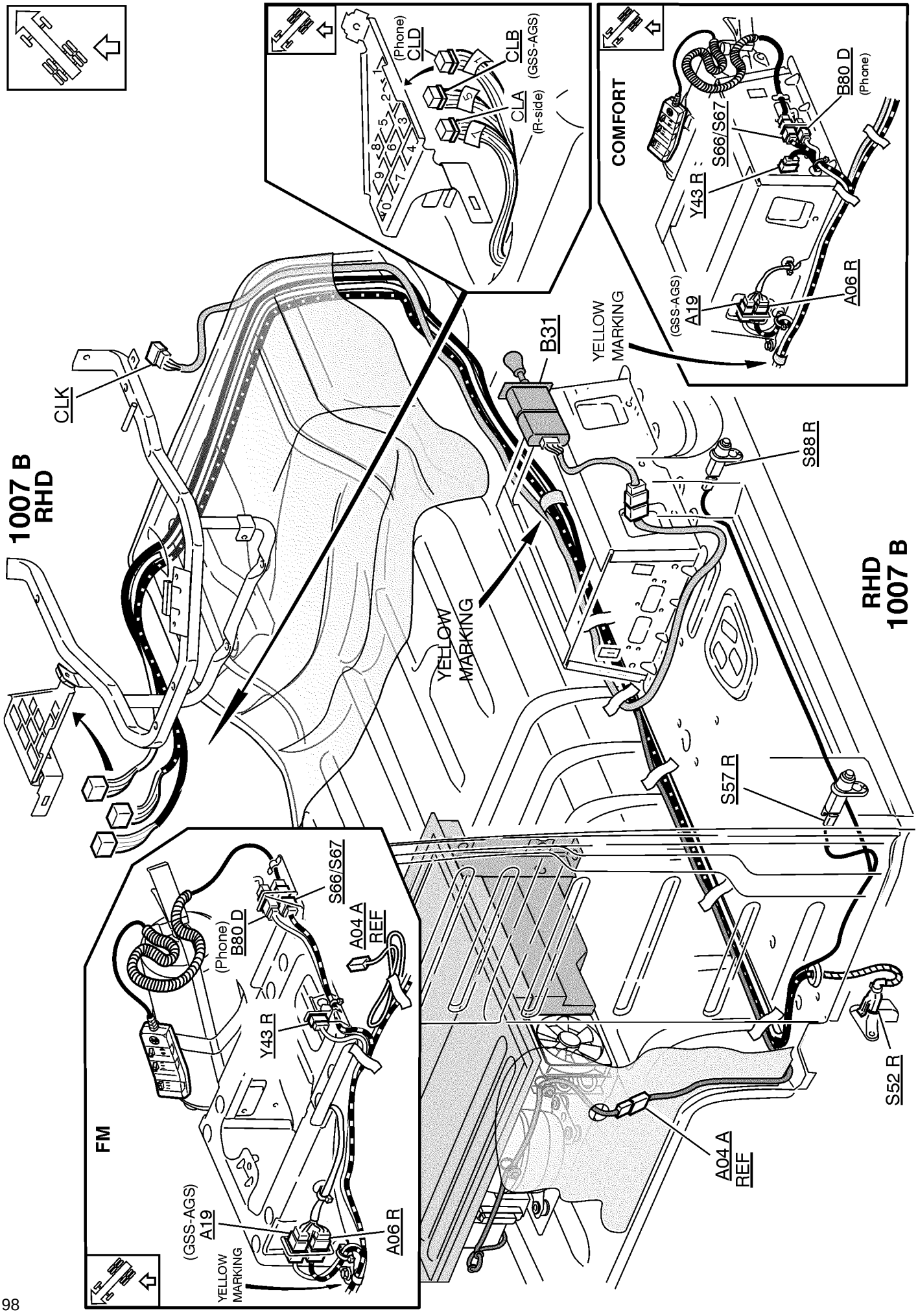
T3016395


1007 A
RHD
FM
YELLOW
MARKING
A06 L
Y43 L
(Phone)
B80 P
E28
E23
S52L
1404
ADR
S39
S57L
S88 L
CLC
(PH-cab)
CLE
(L-side)
COMFORT
RHD
1007 A

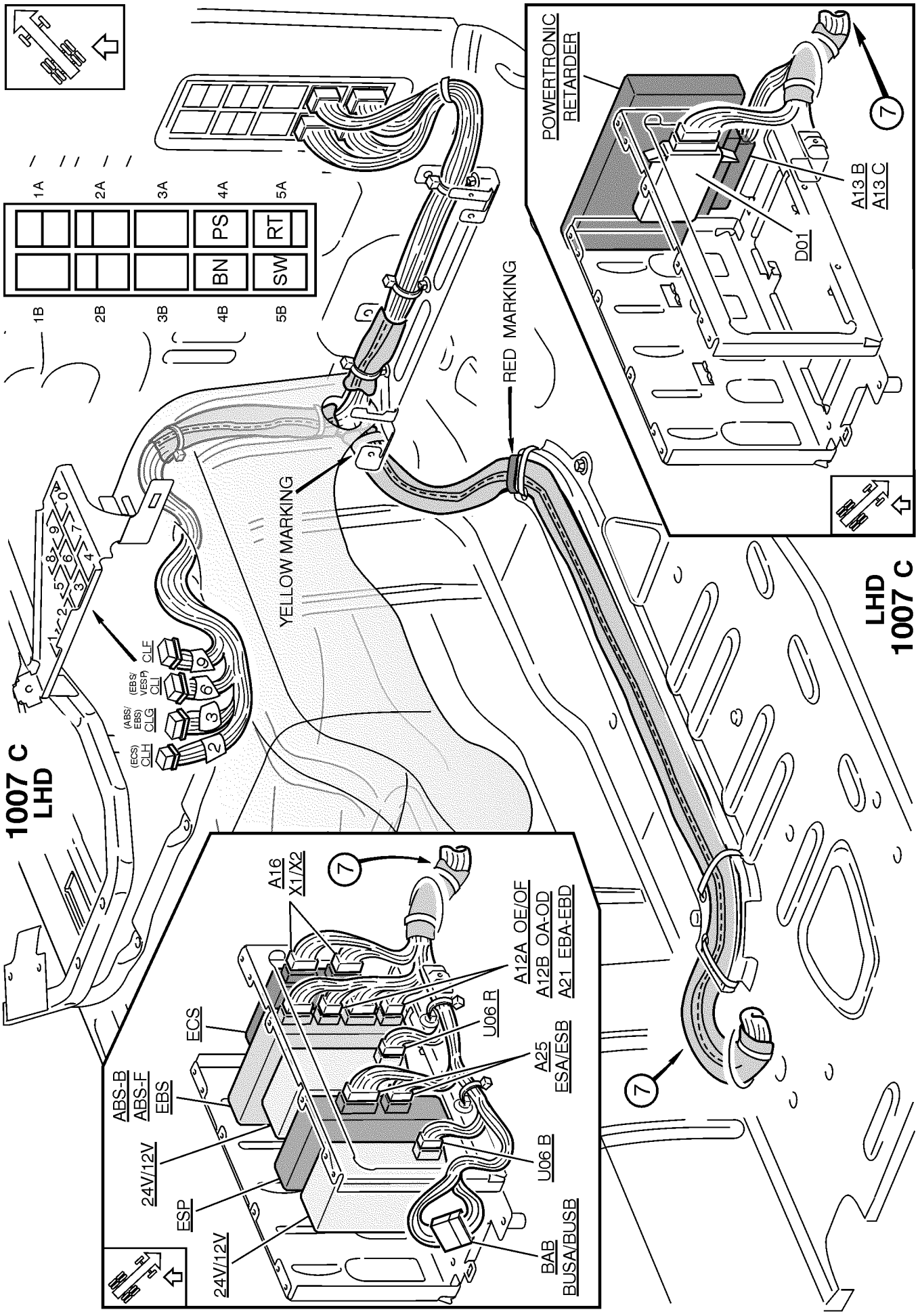
T3016396

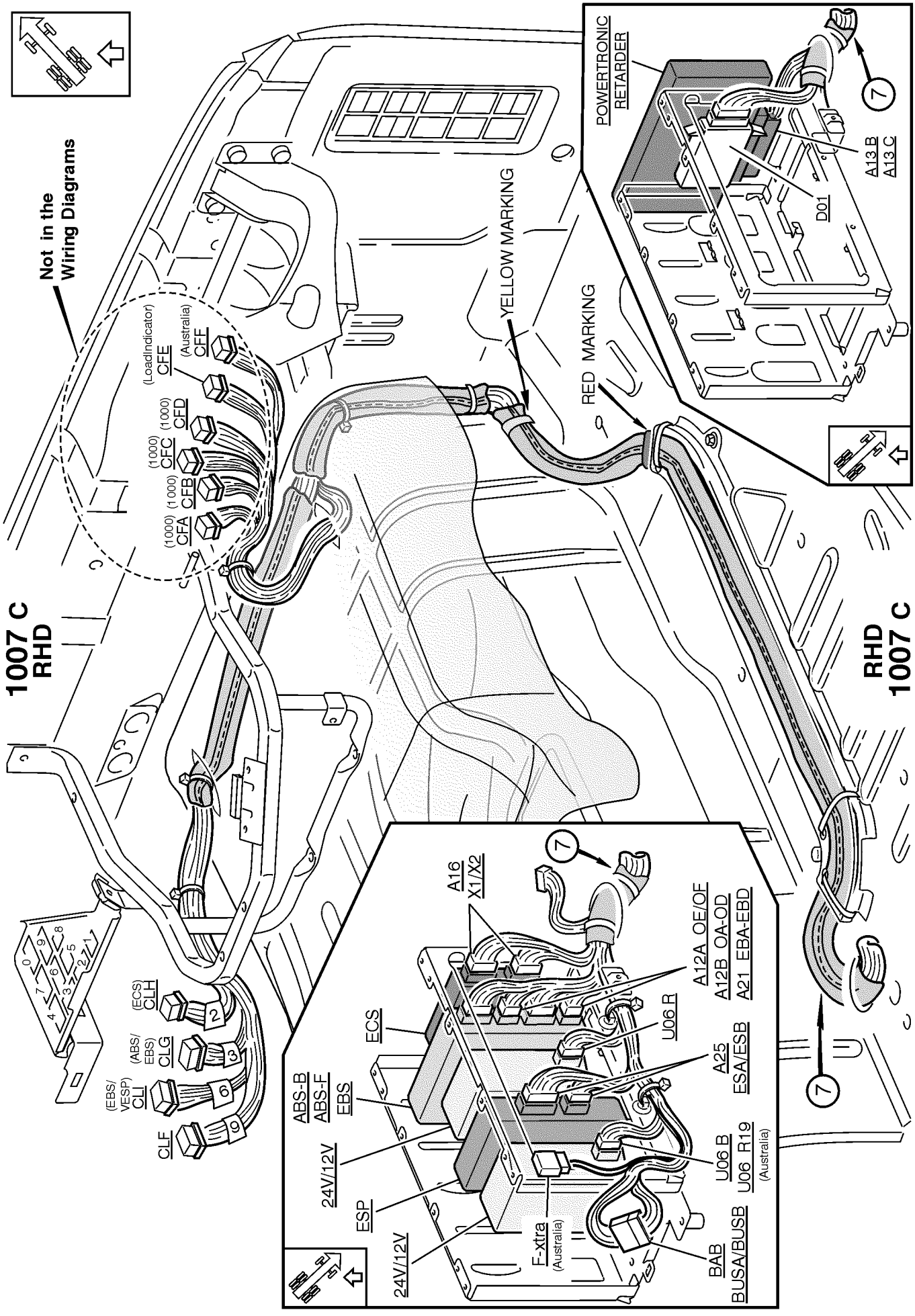

1007 B
LHD
CLA
(R-side)
COMFORT
(Phone)
B80 P
Y43 R
A06 R
YELLOW
MARKING
S88 R
LHD
1007 B
FM
B80 P
A04 A
REF
Y43 R
A06 R
YELLOW
MARKING
S57 R
1404
ADR
S39
S52 R
A04 A
REF

T3016397

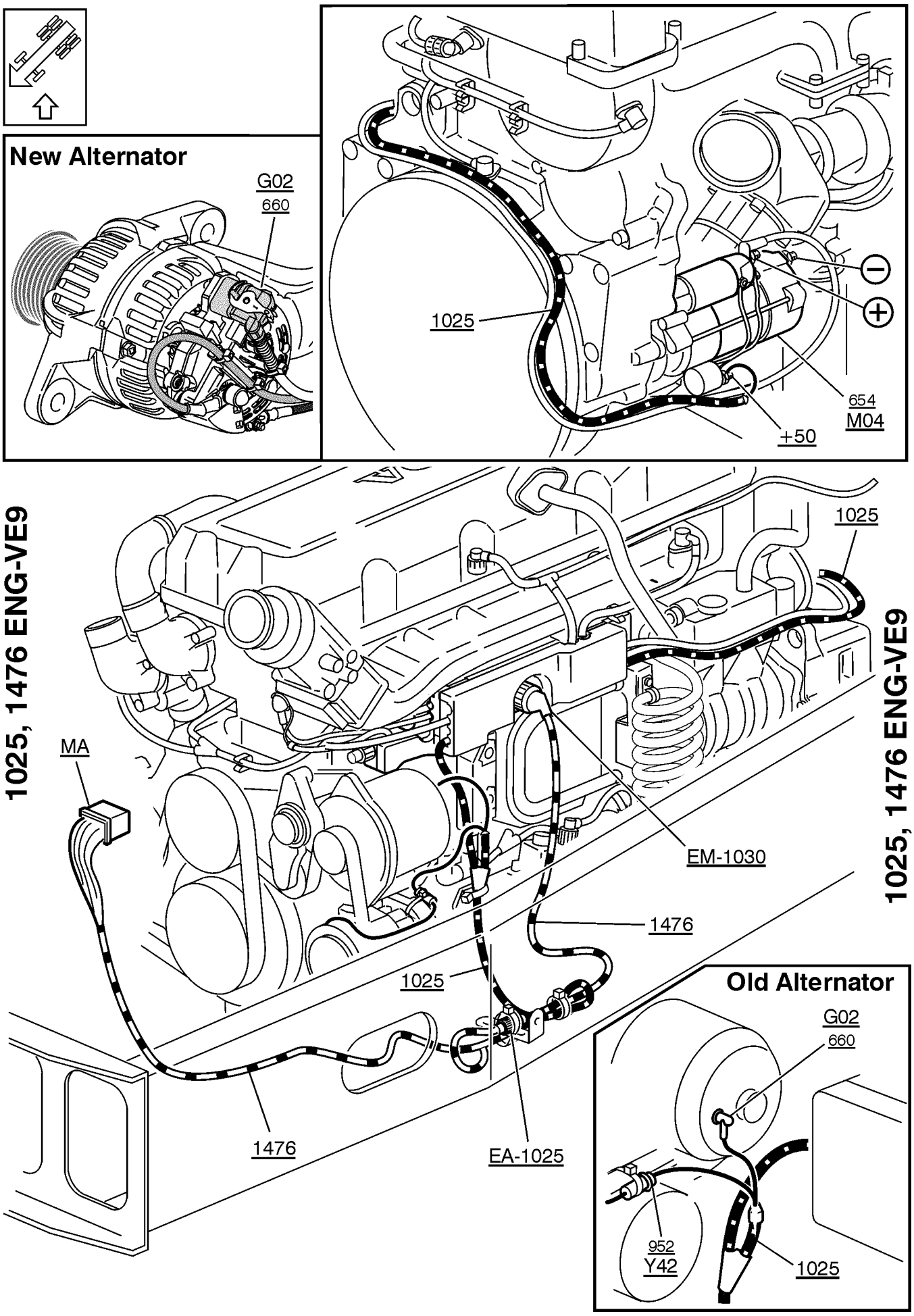

1007 B
RHD
CLK
B31
YELLOW
MARKING
YELLOW
MARKING
S88 R
S57 R
S52 R
A04 A
REF
RHD
1007 B
FM
(Phone)
B80 D
S66/S67
A04 A
REF
Y43 R
(GSS-AGS)
A19
YELLOW
MARKING
A06 R
(Phone)
CLD
CLB
(GSS-AGS)
CLA
(R-side)
COMFORT
B80 D
(Phone)
S66/S67
Y43 R
(GSS-AGS)
A19
A06 R

T3016398

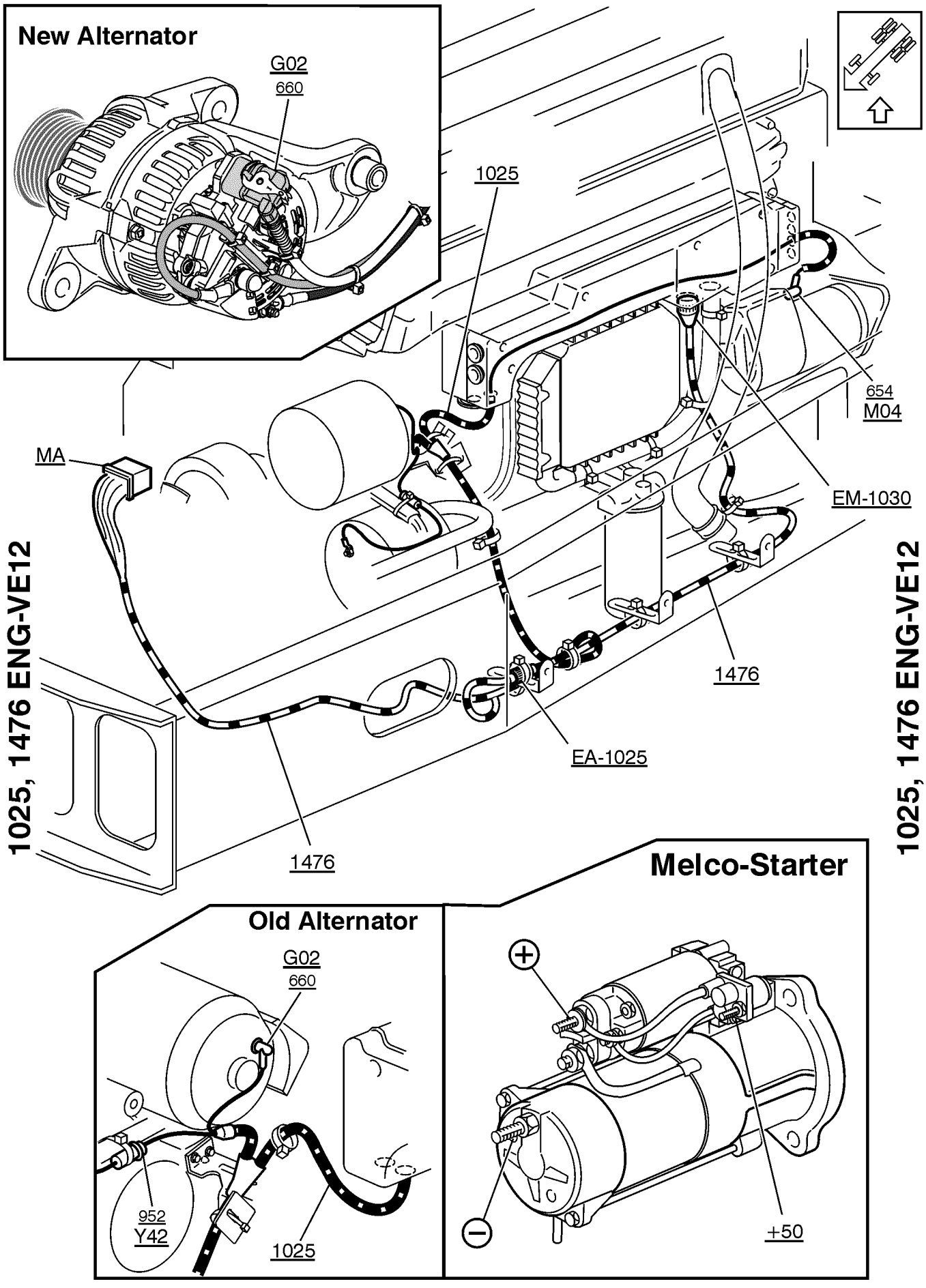

1A
2A
3A
4A
5A
PS
RT
BN
SW
1B
2B
3B
4B
5B
RED MARKING
YELLOW MARKING
POWERTRONIC
RETARDER
A13 B
A13 C
D01
7
1007 C
LHD
(ECS)
CLH
(ABS/
EBS)
CLG
(EBS/
VESP)
CLI
CLF
A16
X1/X2
D
ECS
ABS-B
ABS-F
EBS
24V/12V
ESP
24V/12V
U06 R
A12A OE/OF
A12B OA-OD
A21 EBA-EBD
A25
ESA/ESB
U06 B
BAB
BUSA/BUSB
LHD
1007 C


Not in the Wiring Diagrams
1007 C RHD
RHD 1007 C
YELLOW MARKING
RED MARKING
POWERTRONIC RETARDER
A13 B
A13 C
D01
(LoadIndicator) CFE
(Australia) CFF
(1000) CFC
(1000) CFD
(1000) CFA
(1000) CFB
(ECS) CLH
(ABS/ EBS) CLG
(EBS/ VESP) CLI
CLF
A16 X1/X2
A12A OE/OF
A12B OA-OD
A21 EBA-EBD
U06 R
A25 ESA/ESB
U06 B
U06 R19 (Australia)
BAB
BUSA/BUSB
F-xtra (Australia)
ECS
ABS-B
ABS-F
EBS
24V/12V
ESP
24V/12V

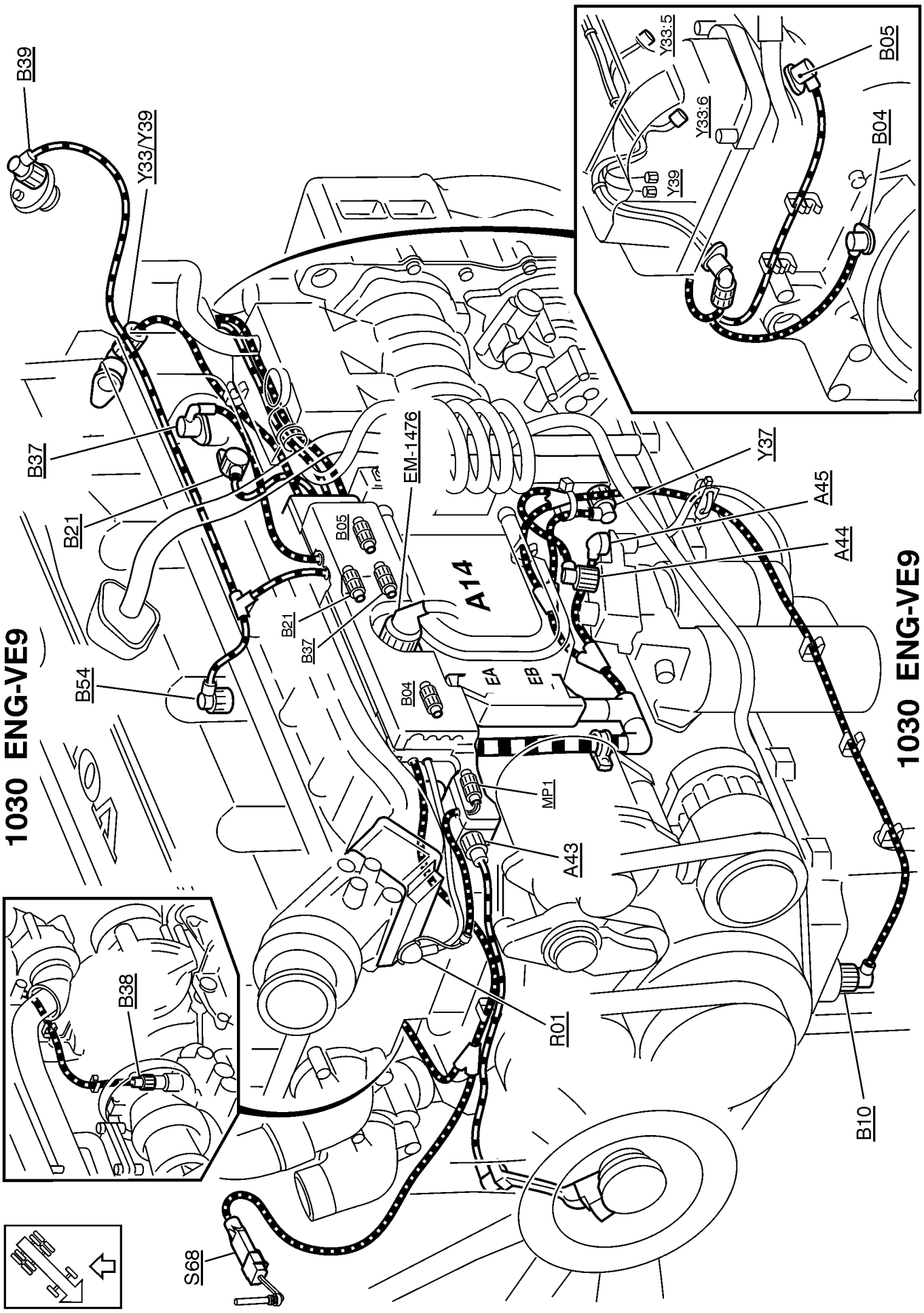
T3016400

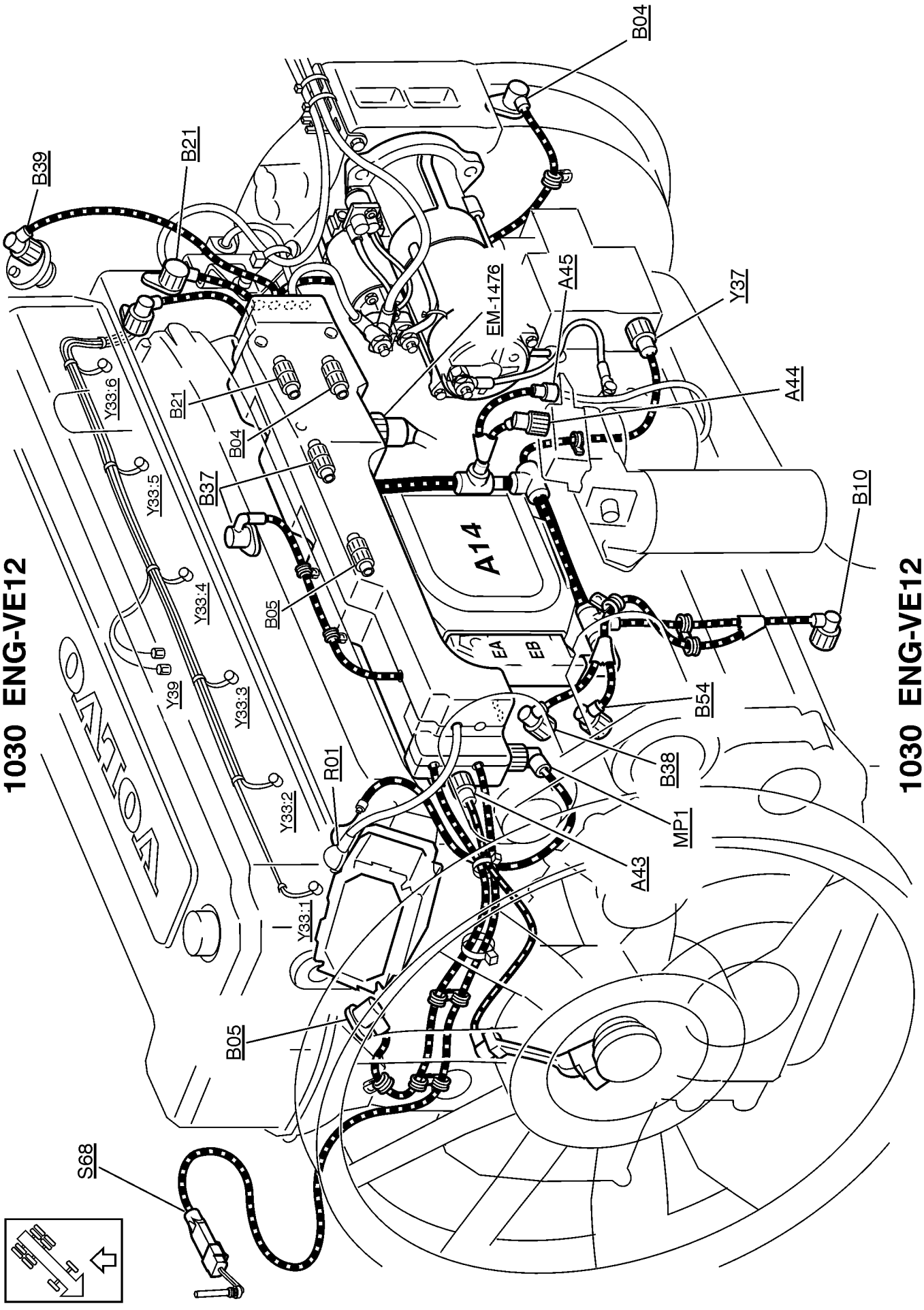

New Alternator
G02
660
1025
654
M04
+50
1025, 1476 ENG-VE9
1025
MA
EM-1030
1476
1025
1476
EA-1025
Old Alternator
G02
660
952
Y42
1025
1025, 1476 ENG-VE9

T3016401

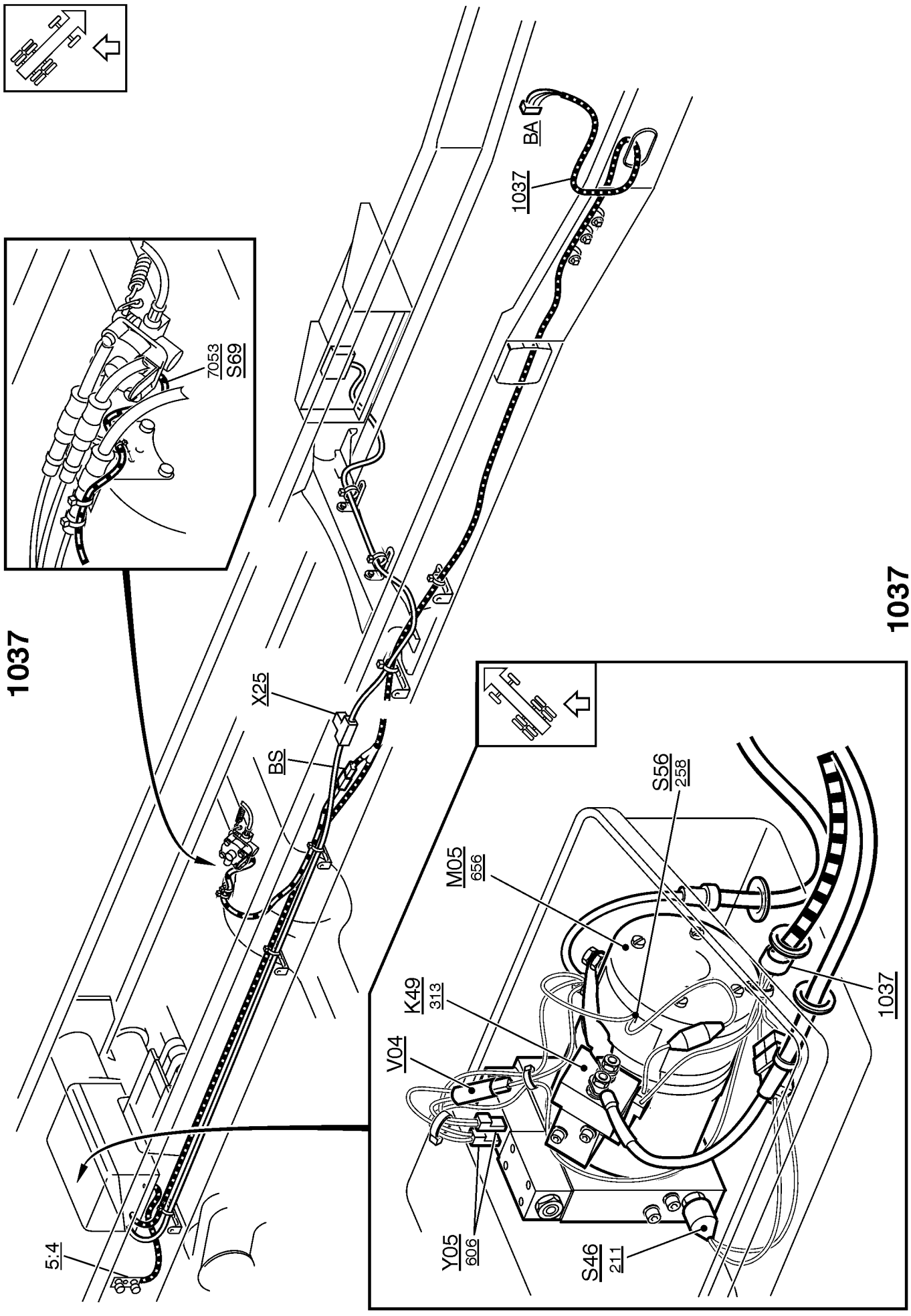

New Alternator
G02
660
1025
654
M04
MA
EM-1030
1025, 1476 ENG-VE12
1476
EA-1025
1025, 1476 ENG-VE12
Melco-Starter
Old Alternator
G02
660
952
Y42
1025
+50

T3016402

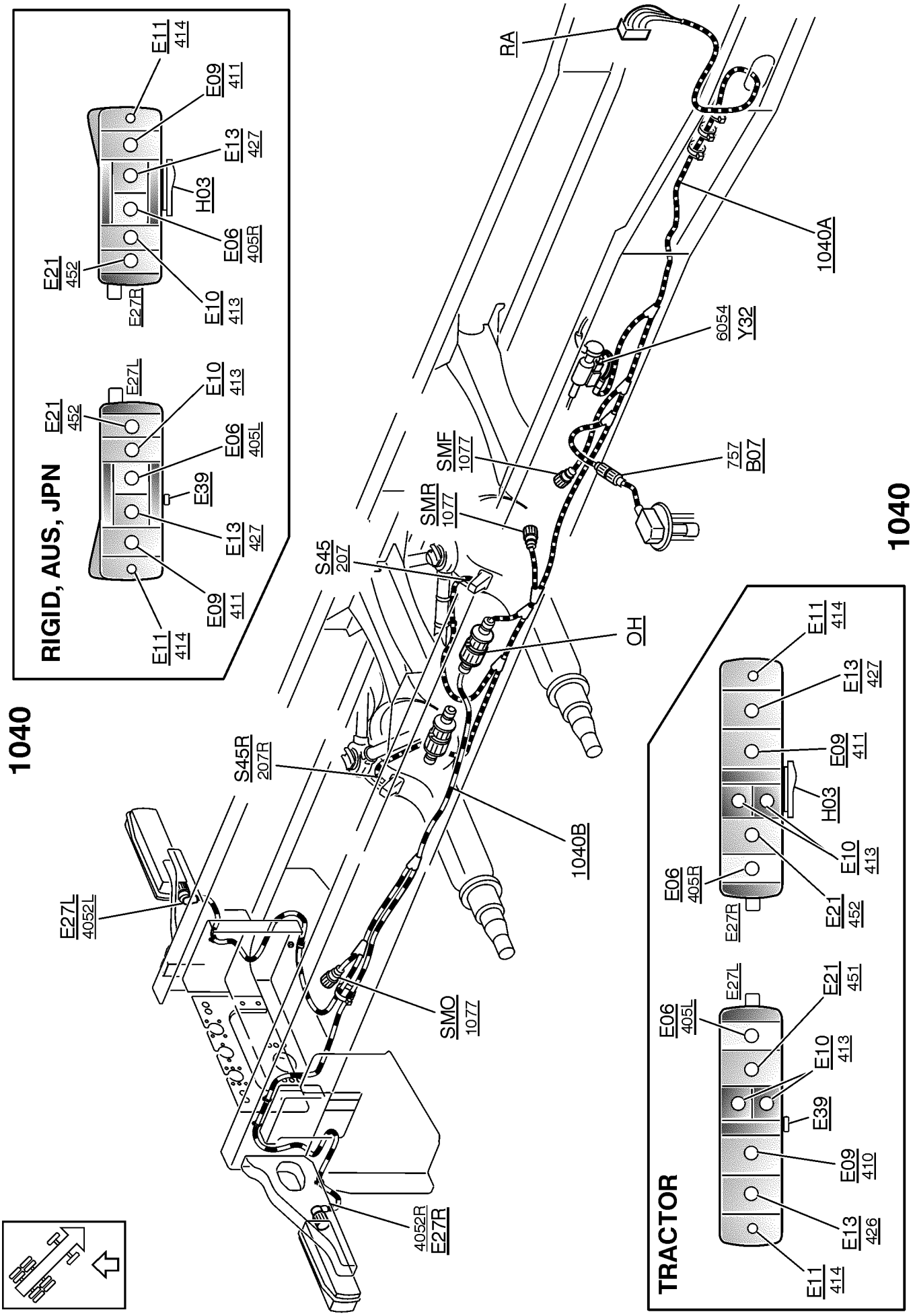

1030 ENG-VE9
1030 ENG-VE9
B39
Y33/Y39
B37
B21
B54
EM-1476
B05
B21
B37
B04
A14
EA
EB
MP1
A43
R01
S68
B38
Y33:5
Y33:6
Y39
B05
B04
Y37
A45
A44
B10


1030 ENG-VE12
1030 ENG-VE12
B04
B39
B21
EM-1476
A45
Y37
A44
B10
B21
B04
B37
B05
A14
EA
EB
B54
B38
MP1
A43
R01
Y33:6
Y33:5
Y33:4
Y39
Y33:3
Y33:2
Y33:1
B05
S68

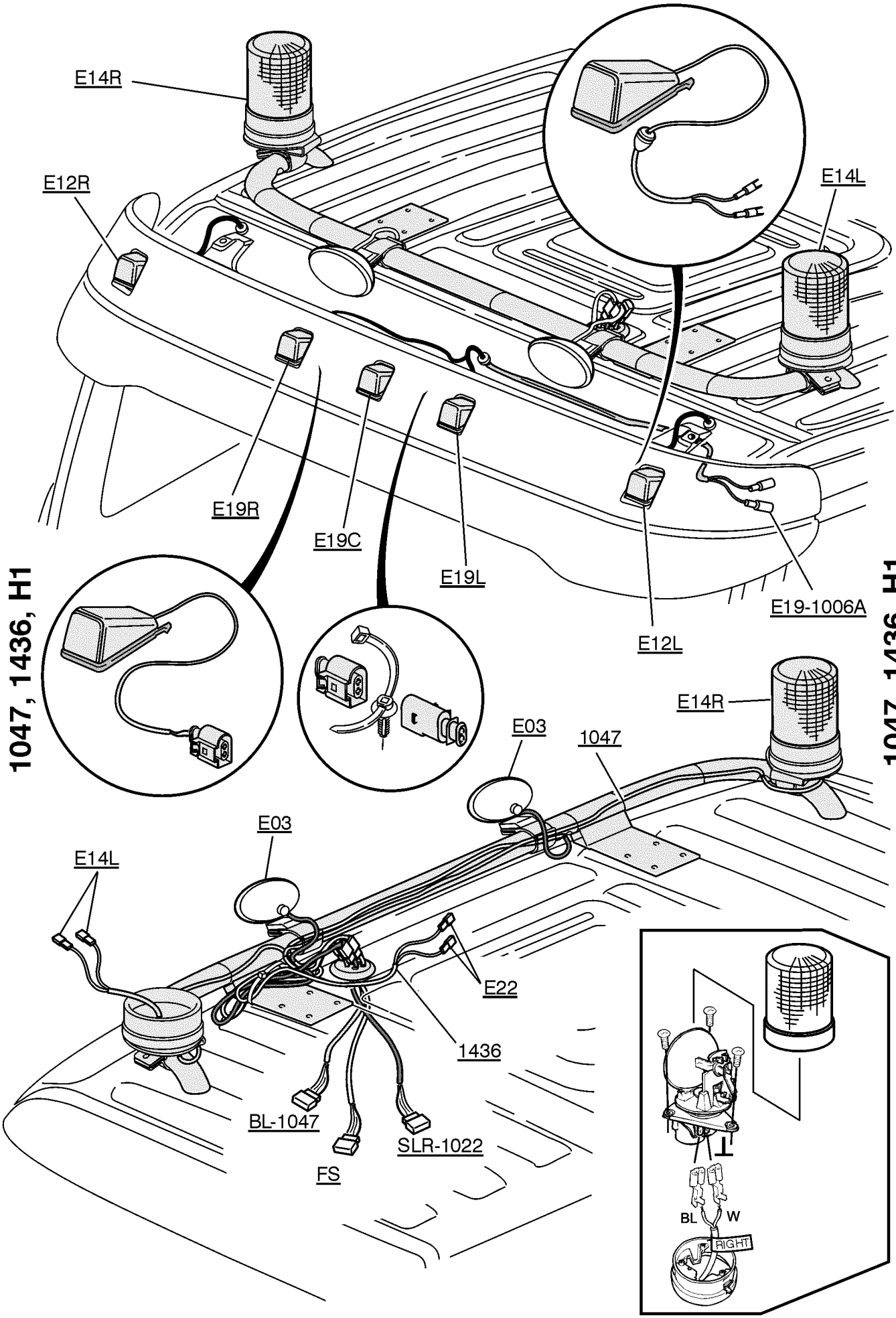
T3016404

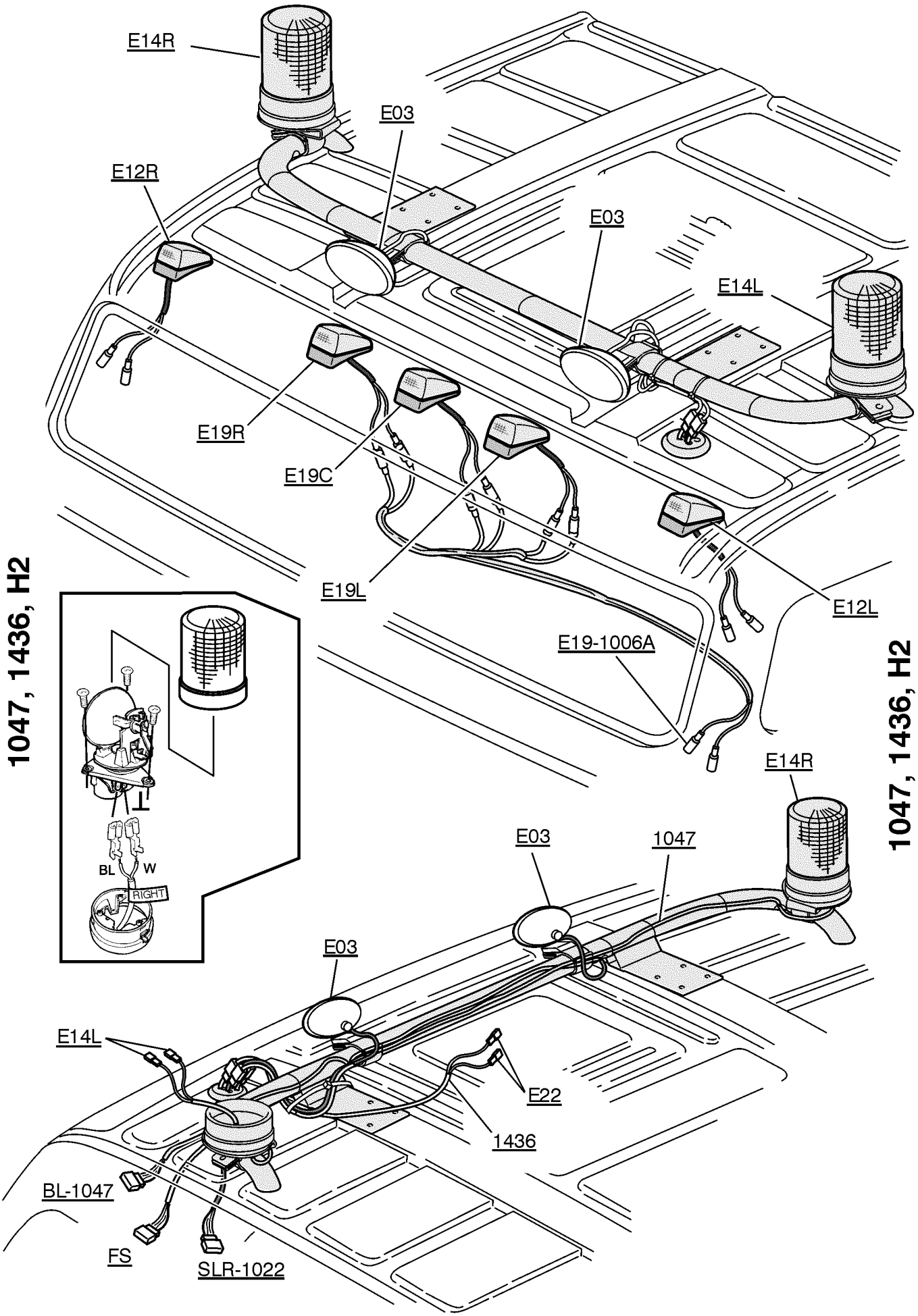

1037
1037
1037
BA
1037
7053
S69
X25
BS
S56
258
M05
656
K49
313
V04
Y05
606
S46
211
1037
5:4

T3016415

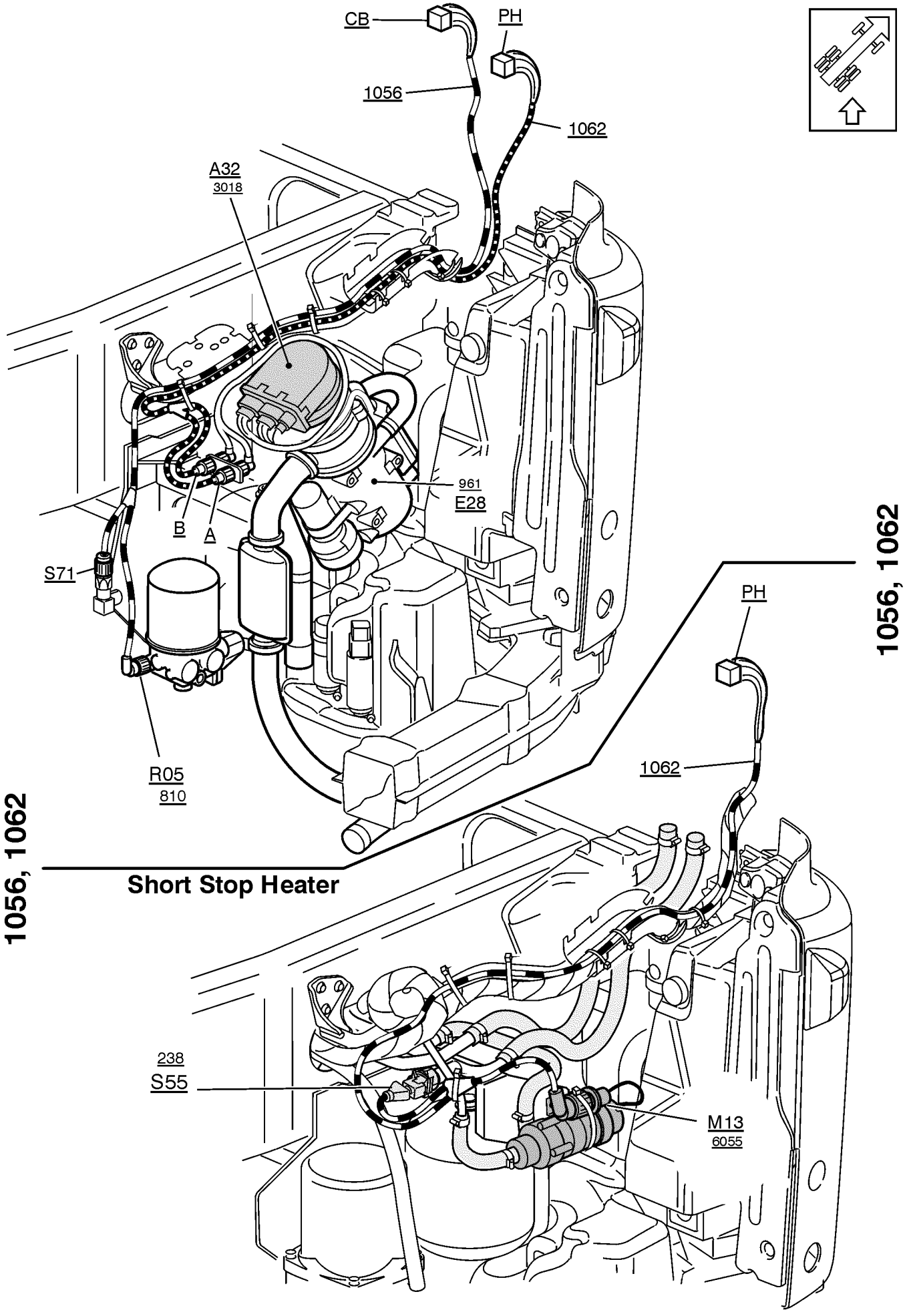

1040
RIGID, AUS, JPN
E11 414
E09 411
E13 427
H03
E06 405R
E10 413
E21 452
E27R
E27L
E39
E06 405L
1040
RA
1040A
6054 Y32
757 B07
SMF 1077
SMR 1077
S45 207
OH
S45R 207R
1040B
E27L 4052L
SMO 1077
4052R E27R
TRACTOR
E06 405L
E21 451
E10 413
E39
E09 410
E13 426
E11 414
E06 405R
E21 452
E10 413
H03
E09 411
E13 427
E11 414

T3016414

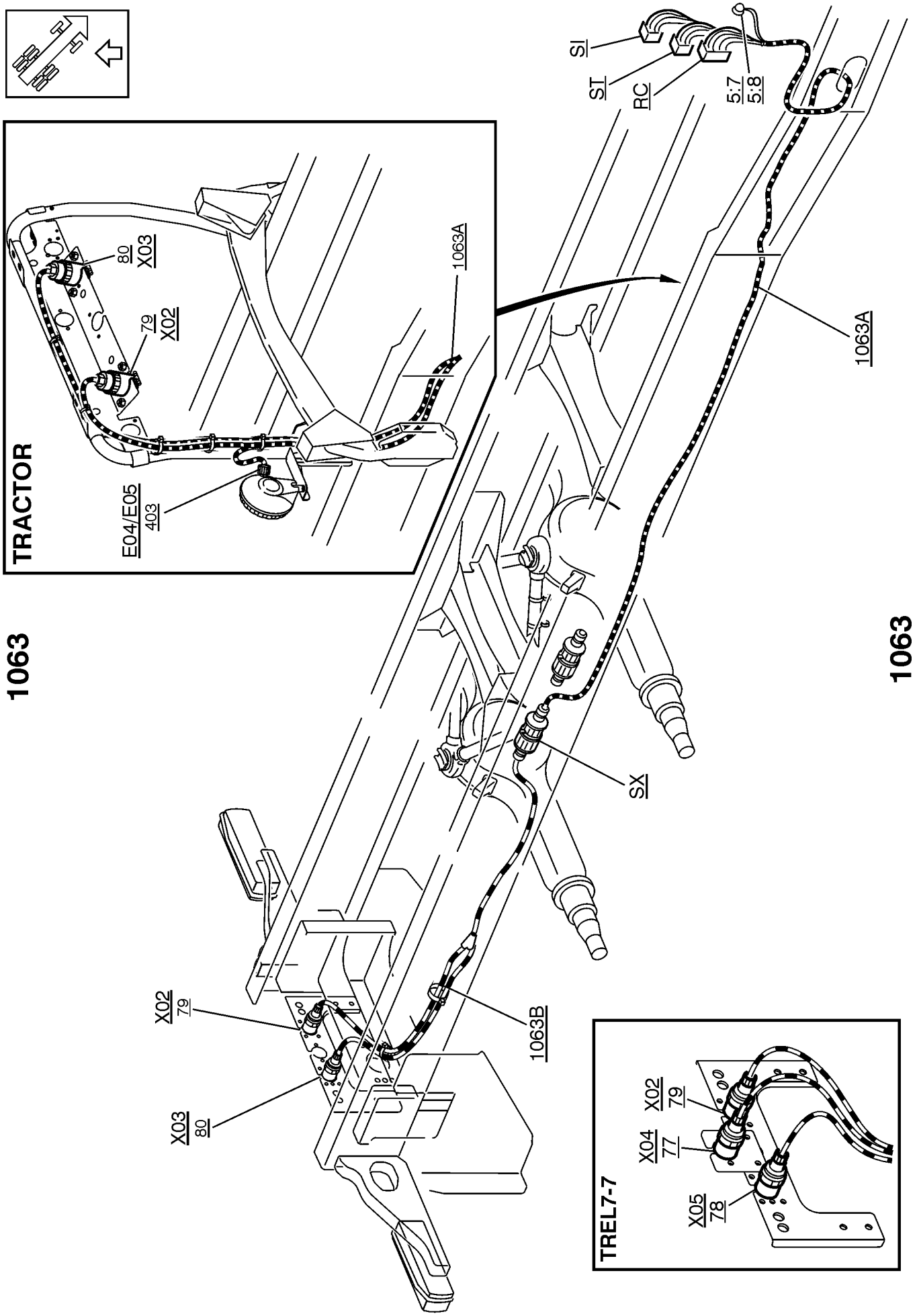

E14R
E12R
E14L
E19R
E19C
E19L
E19-1006A
E12L
1047, 1436, H1
1047, 1436, H1
E14R
E03
1047
E03
E14L
E22
1436
BL-1047
SLR-1022
FS
BL
W
RIGHT
T3016405


E14R
E03
E12R
E03
E14L
E19R
E19C
E19L
E12L
E19-1006A
1047, 1436, H2
1047, 1436, H2
BL
W
RIGHT
E14R
E03
1047
E03
E14L
E22
1436
BL-1047
FS
SLR-1022

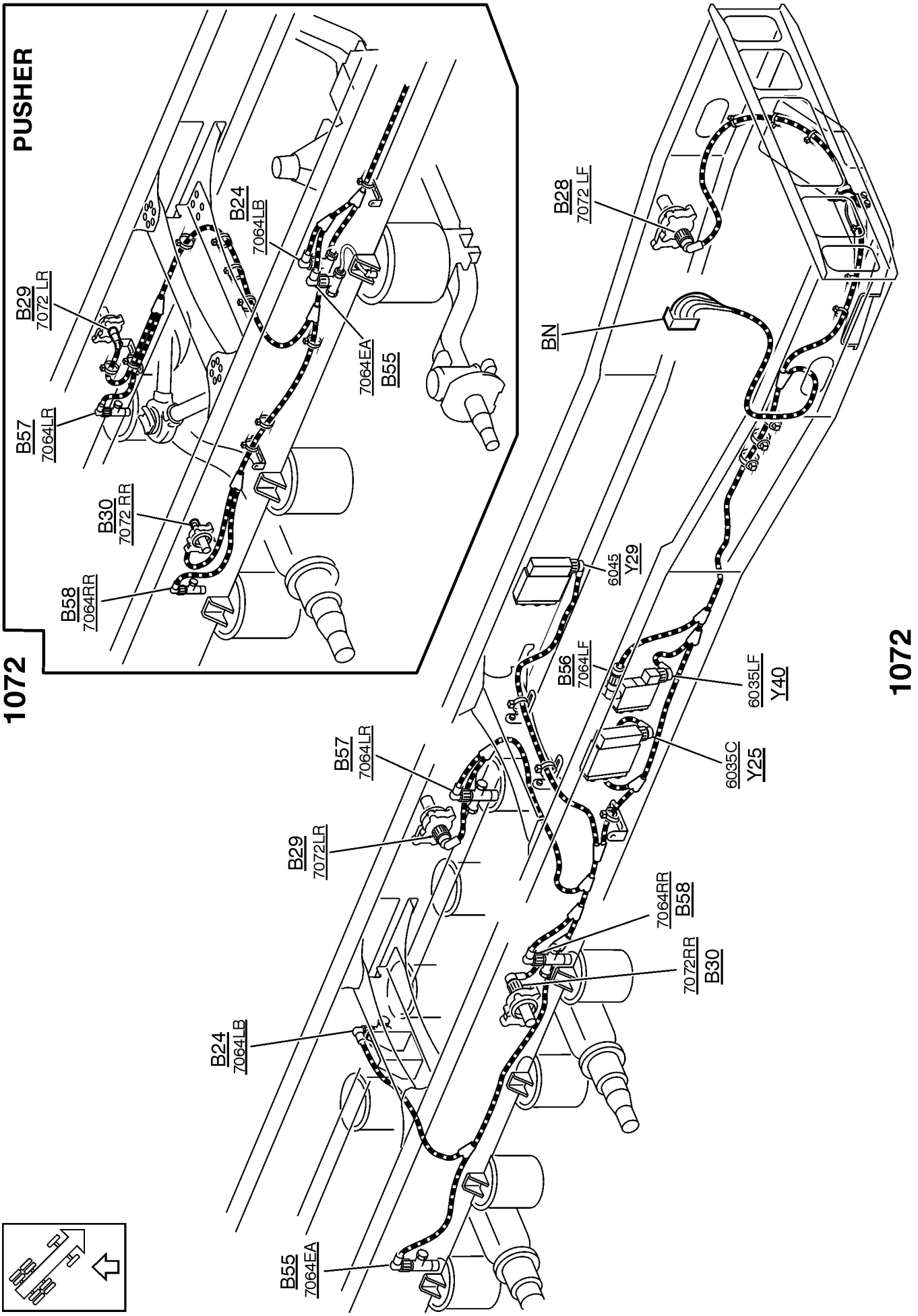
T3016406

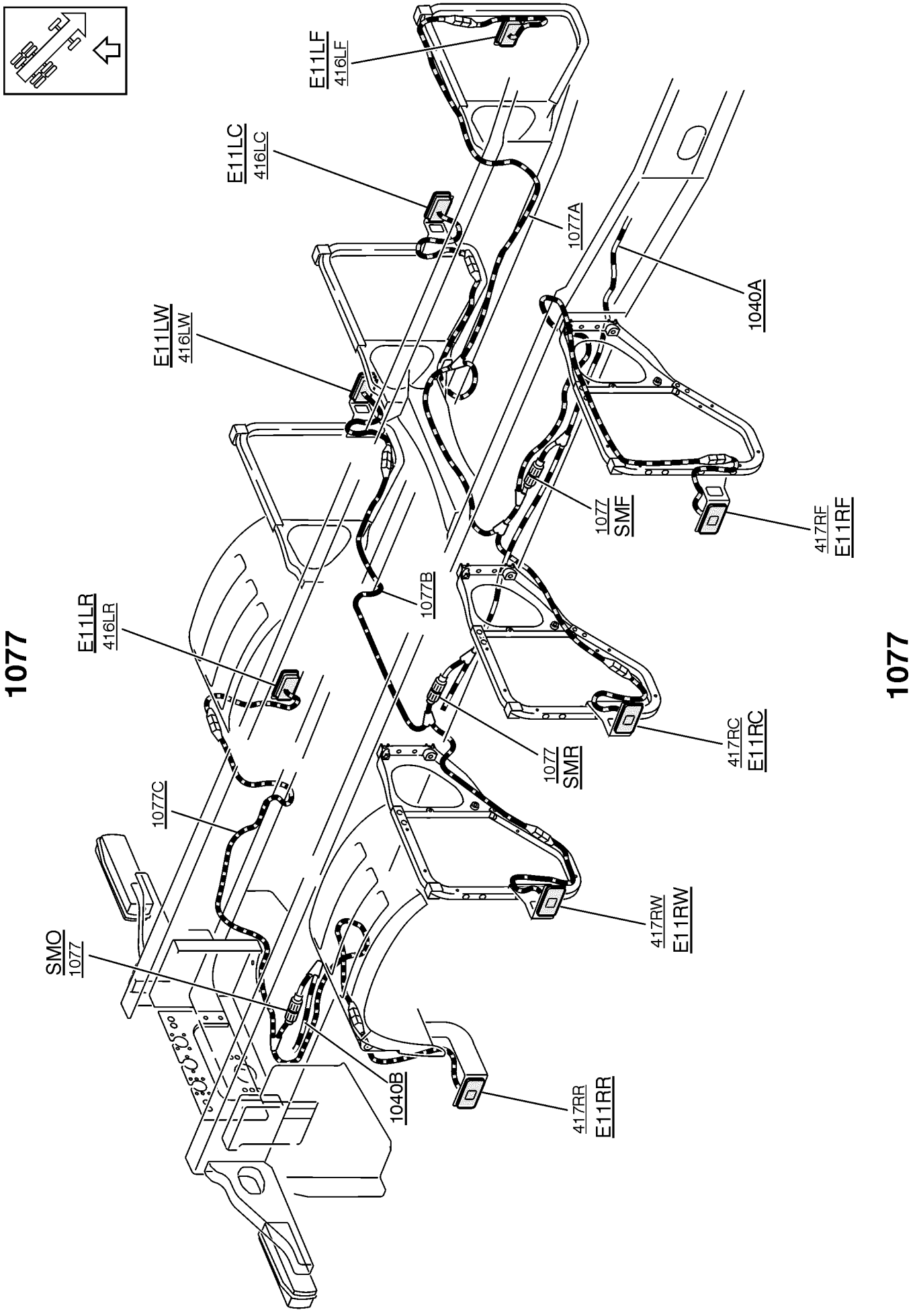

CB
PH
1056
1062
A32
3018
961
E28
B
A
S71
R05
810
1056, 1062
PH
1062
1056, 1062
Short Stop Heater
238
S55
M13
6055

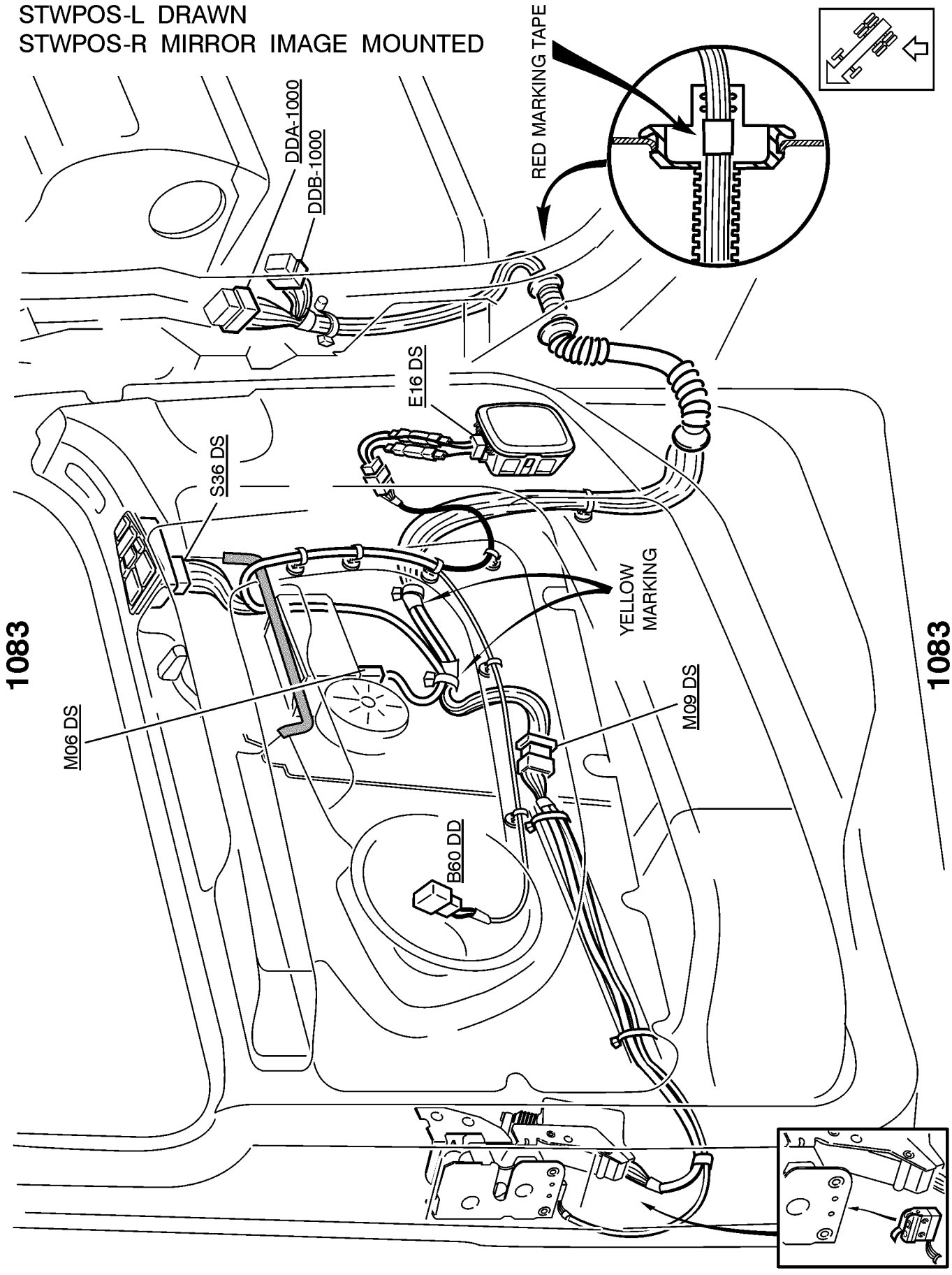
T3016407

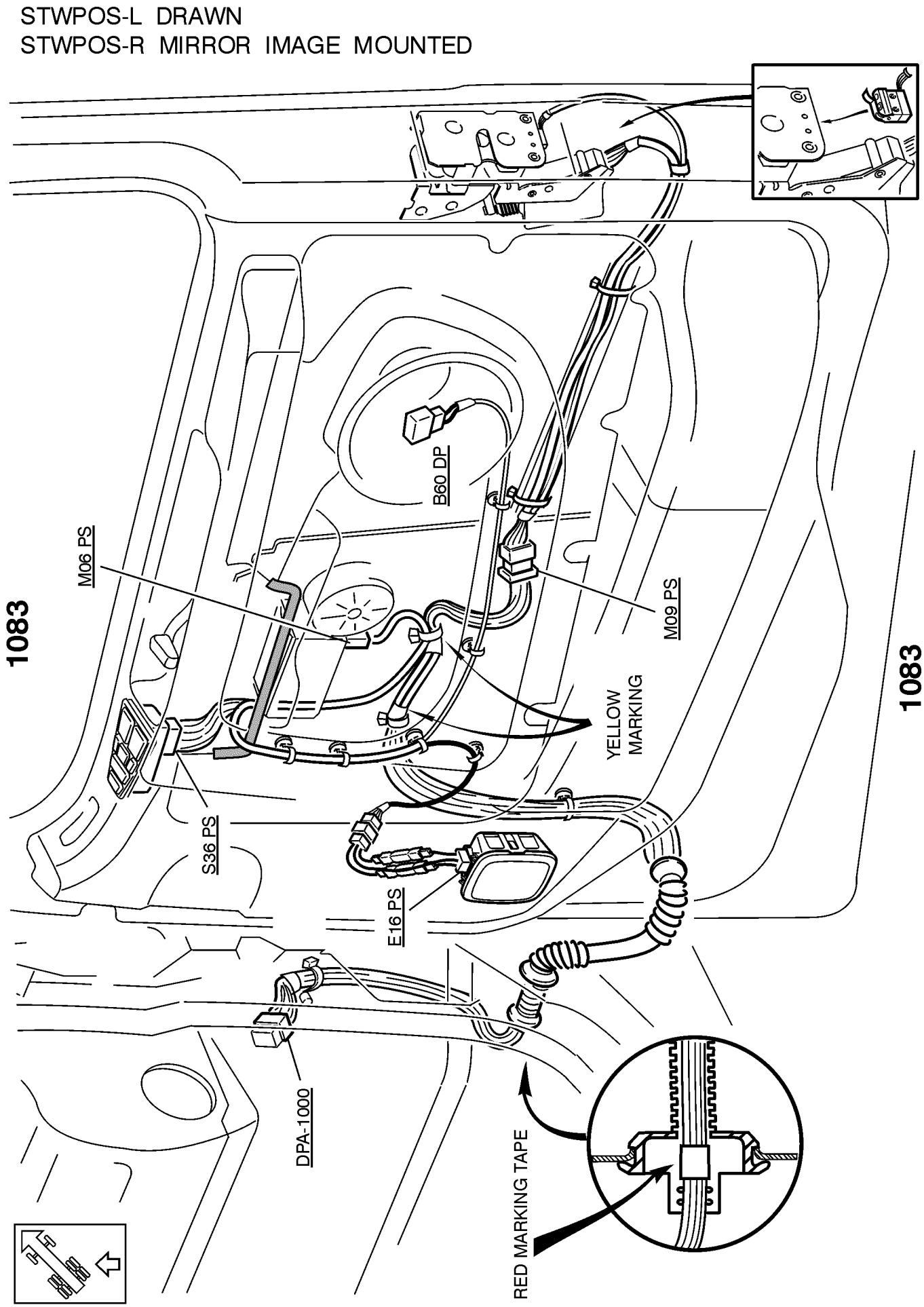

1063
TRACTOR
80
X03
79
X02
1063A
E04/E05
403
SI
ST
RC
5:7
5:8
1063A
SX
1063B
X02
79
X03
80
TREL7-7
X02
79
X04
77
X05
78
1063

T3016408

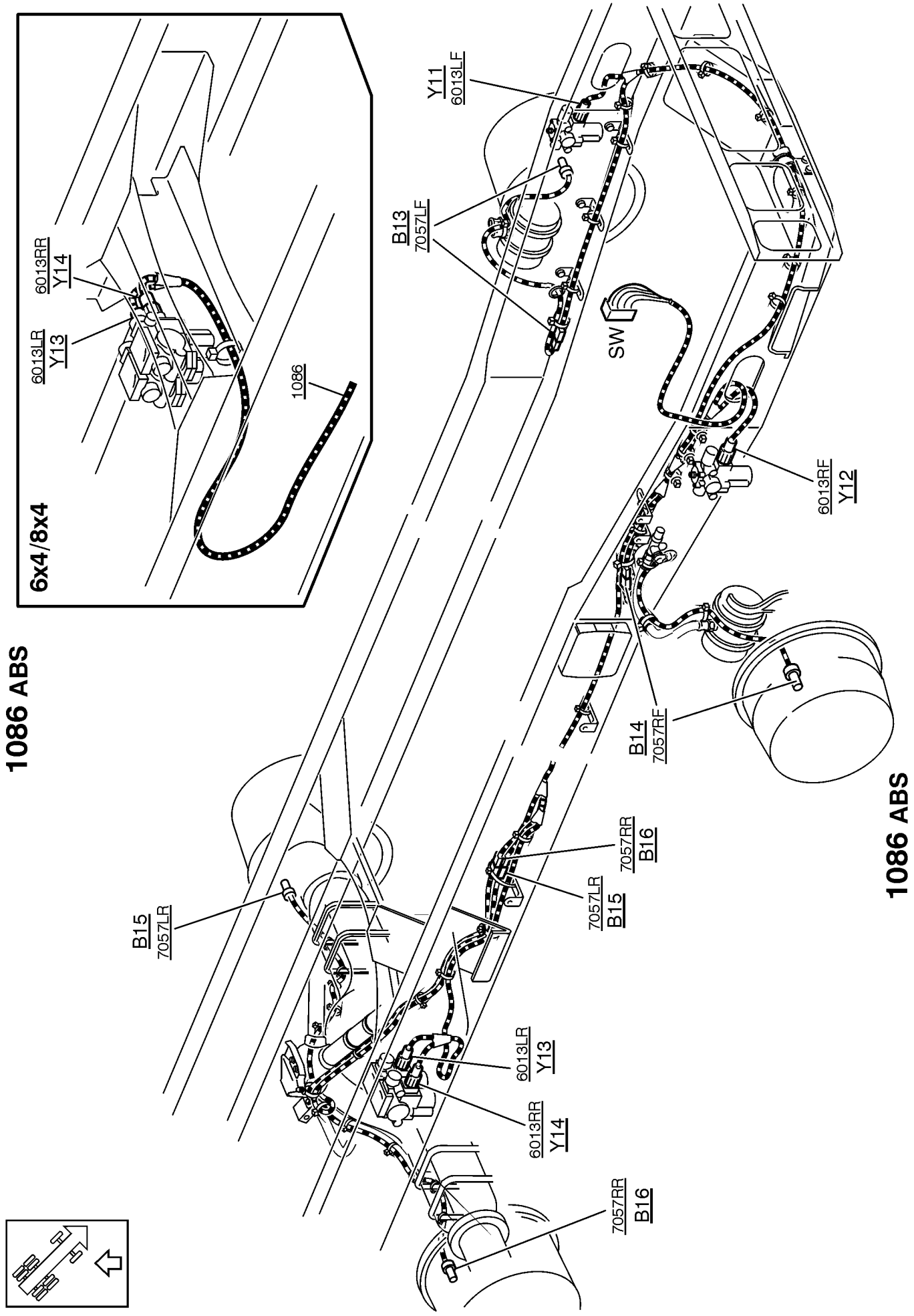

PUSHER
1072
B29 7072 LR
B57 7064LR
B30 7072 RR
B58 7064RR
B24 7064LB
7064EA B55
B28 7072 LF
BN
6045 Y29
B56 7064LF
6035LF Y40
6035C Y25
B57 7064LR
B29 7072LR
7064RR B58
7072RR B30
B24 7064LB
B55 7064EA
1072

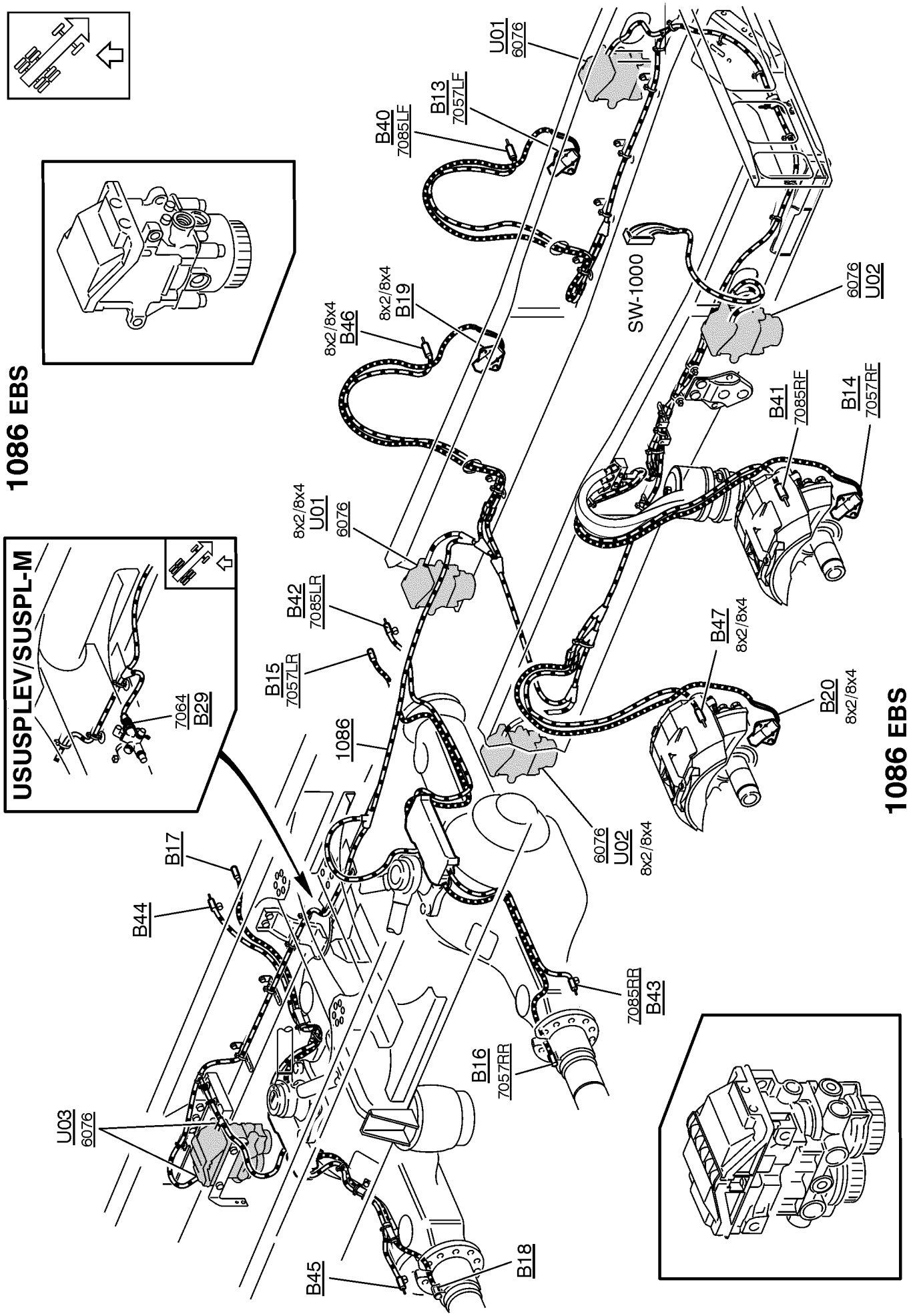

1077
E11LF
416LF
E11LC
416LC
1077A
1040A
E11LW
416LW
1077
SMF
417RF
E11RF
1077B
E11LR
416LR
1077
SMR
417RC
E11RC
1077C
417RW
E11RW
SMO
1077
1040B
417RR
E11RR
1077
T3016409

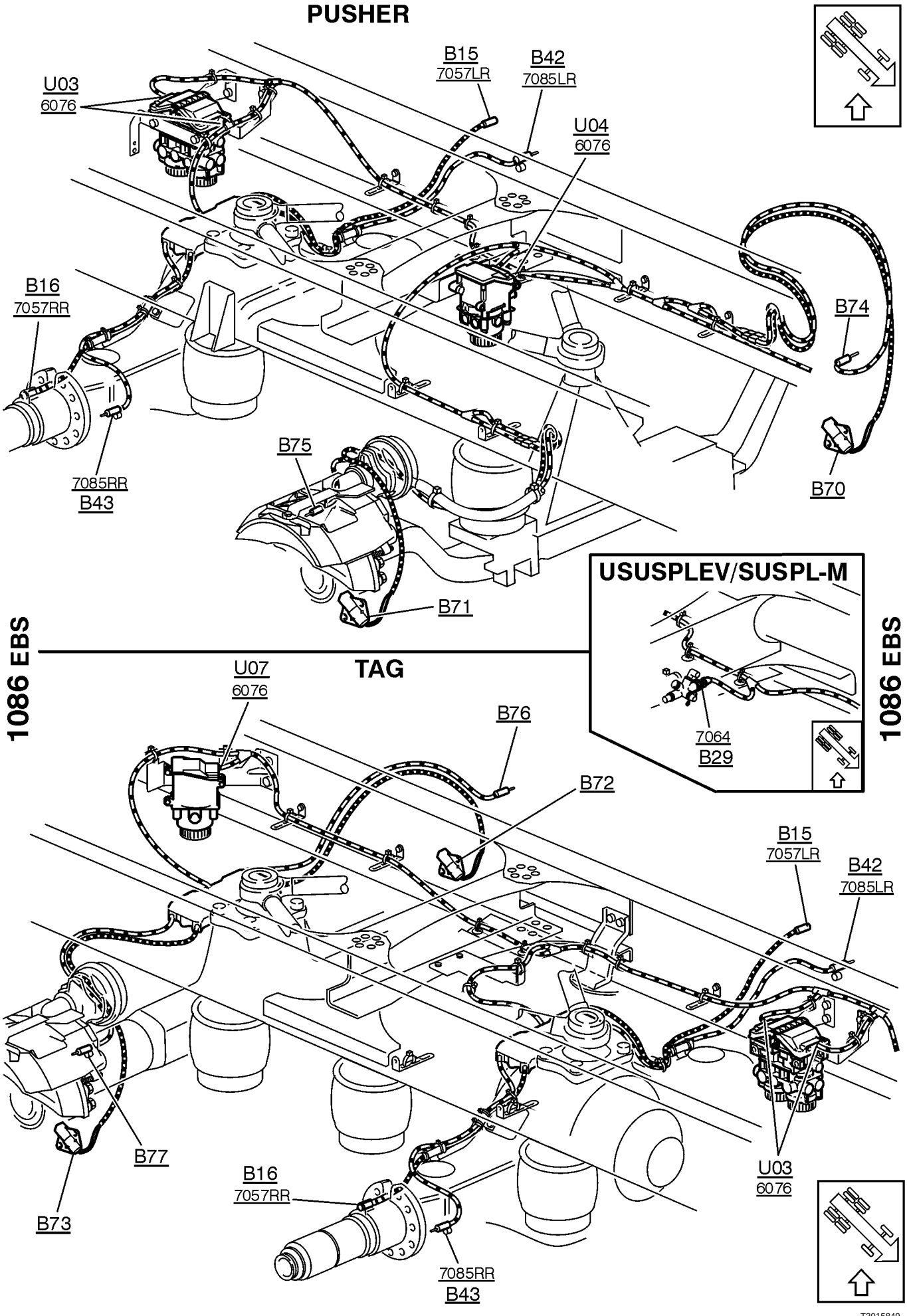

STWPOS-L DRAWN
STWPOS-R MIRROR IMAGE MOUNTED
RED MARKING TAPE
DDA-1000
DDB-1000
E16 DS
S36 DS
YELLOW MARKING
M09 DS
M06 DS
B60 DD
1083
1083

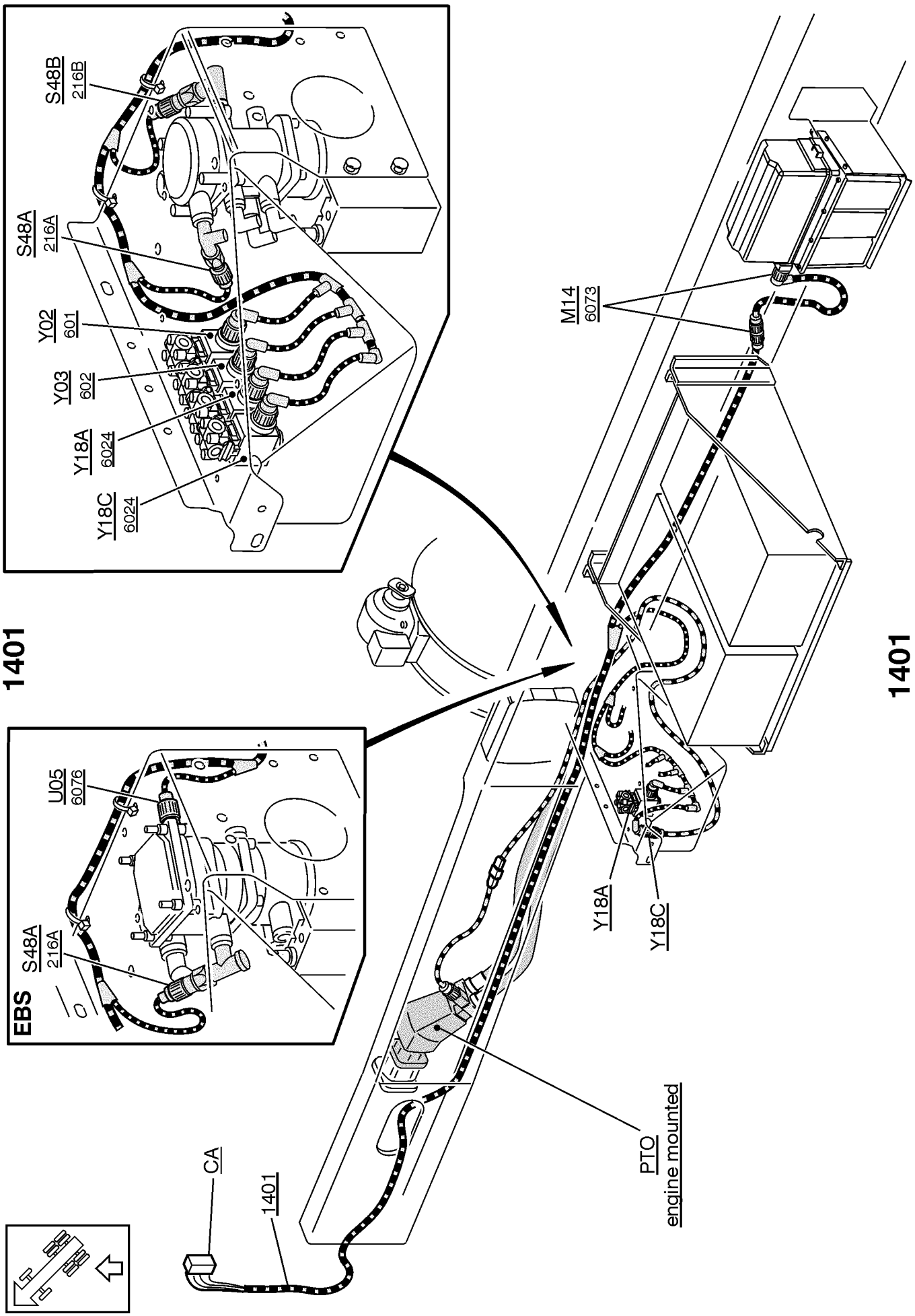

STWPOS-L DRAWN
STWPOS-R MIRROR IMAGE MOUNTED
1083
1083
M06 PS
B60 DP
M09 PS
YELLOW MARKING
S36 PS
E16 PS
DPA-1000
RED MARKING TAPE

T3015880

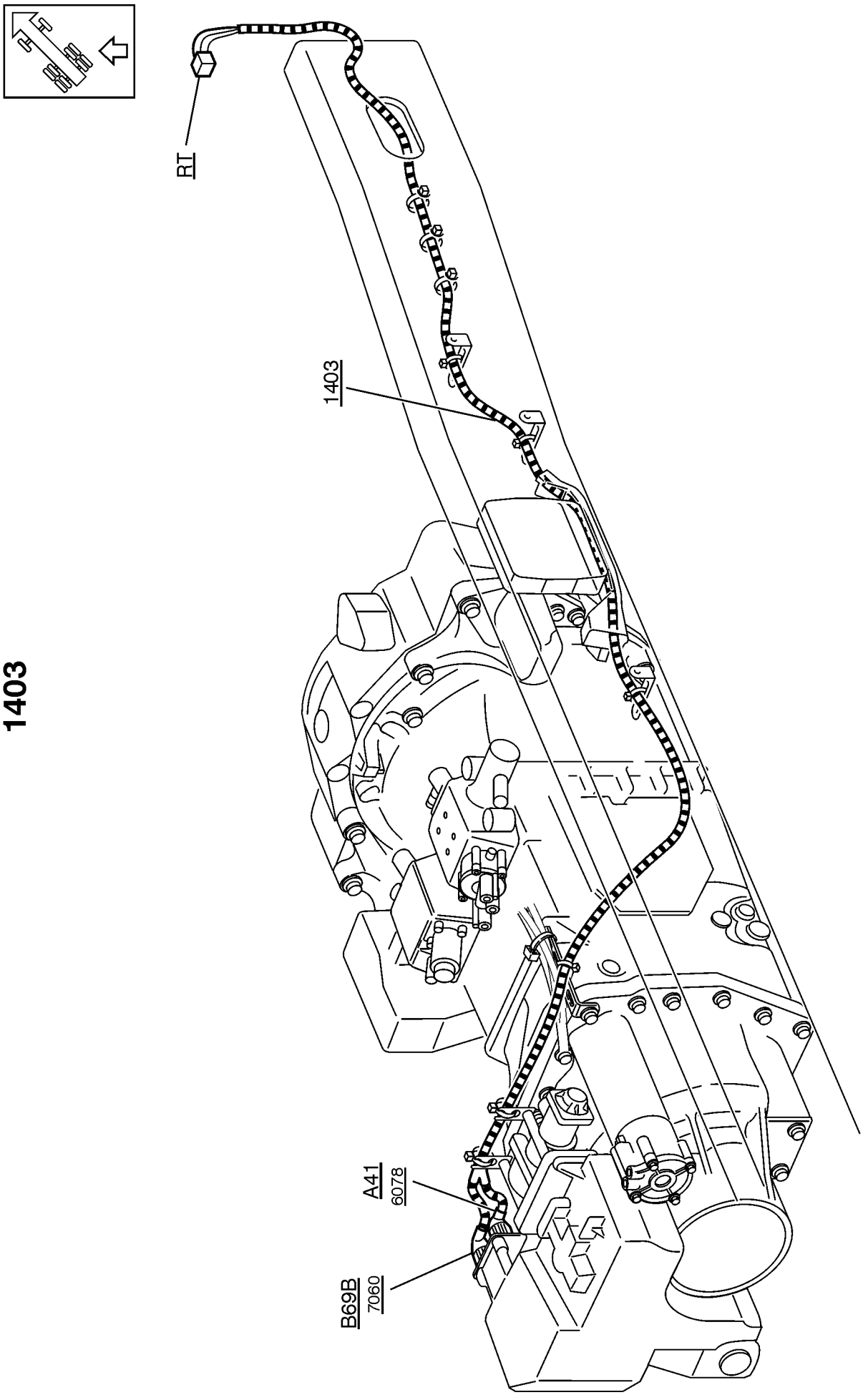

1086 ABS
6x4/8x4
6013RR Y14
6013LR Y13
1086
Y11 6013LF
B13 7057LF
SW
6013RF Y12
B14 7057RF
7057RR B16
7057LR B15
B15 7057LR
6013LR Y13
6013RR Y14
7057RR B16
1086 ABS


1086 EBS
USUSPLEV/SUSPL-M
7064
B29
U01
6076
B40
7085LF
B13
7057LF
8x2/8x4
B46
8x2/8x4
B19
SW-1000
6076
U02
B41
7085RF
B14
7057RF
8x2/8x4
U01
6076
B42
7085LR
B15
7057LR
1086
B47
8x2/8x4
B20
8x2/8x4
1086 EBS
6076
U02
8x2/8x4
B17
B44
Z085RR
B43
B16
7057RR
U03
6076
B45
B18
T3016410

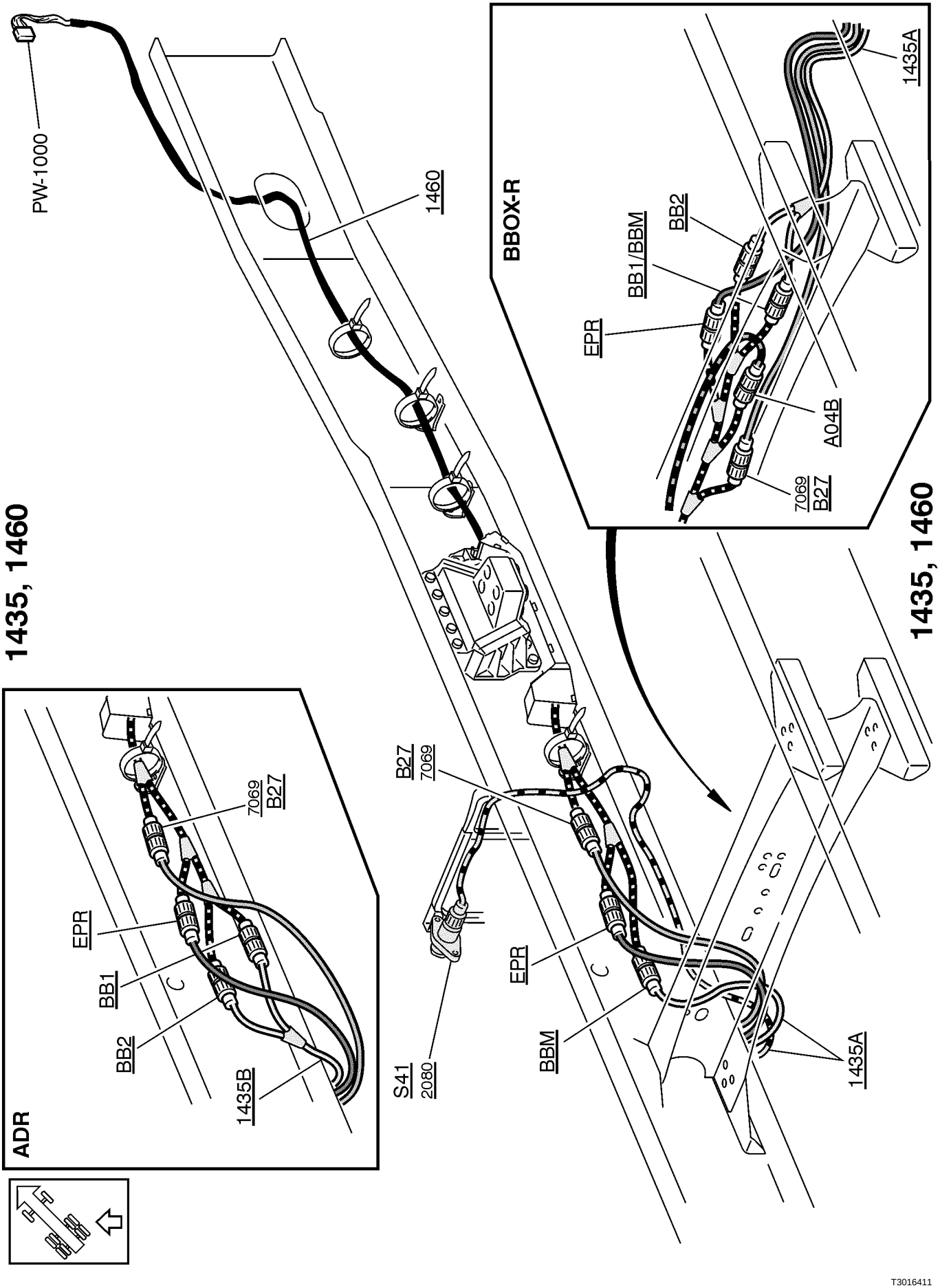

PUSHER
U03
6076
B15
7057LR
B42
7085LR
U04
6076
B16
7057RR
B74
B75
7085RR
B43
B70
B71
USUSPLEV/SUSPL-M
7064
B29
1086 EBS
1086 EBS
TAG
U07
6076
B76
B72
B15
7057LR
B42
7085LR
B77
B16
7057RR
U03
6076
B73
7085RR
B43
T3015849

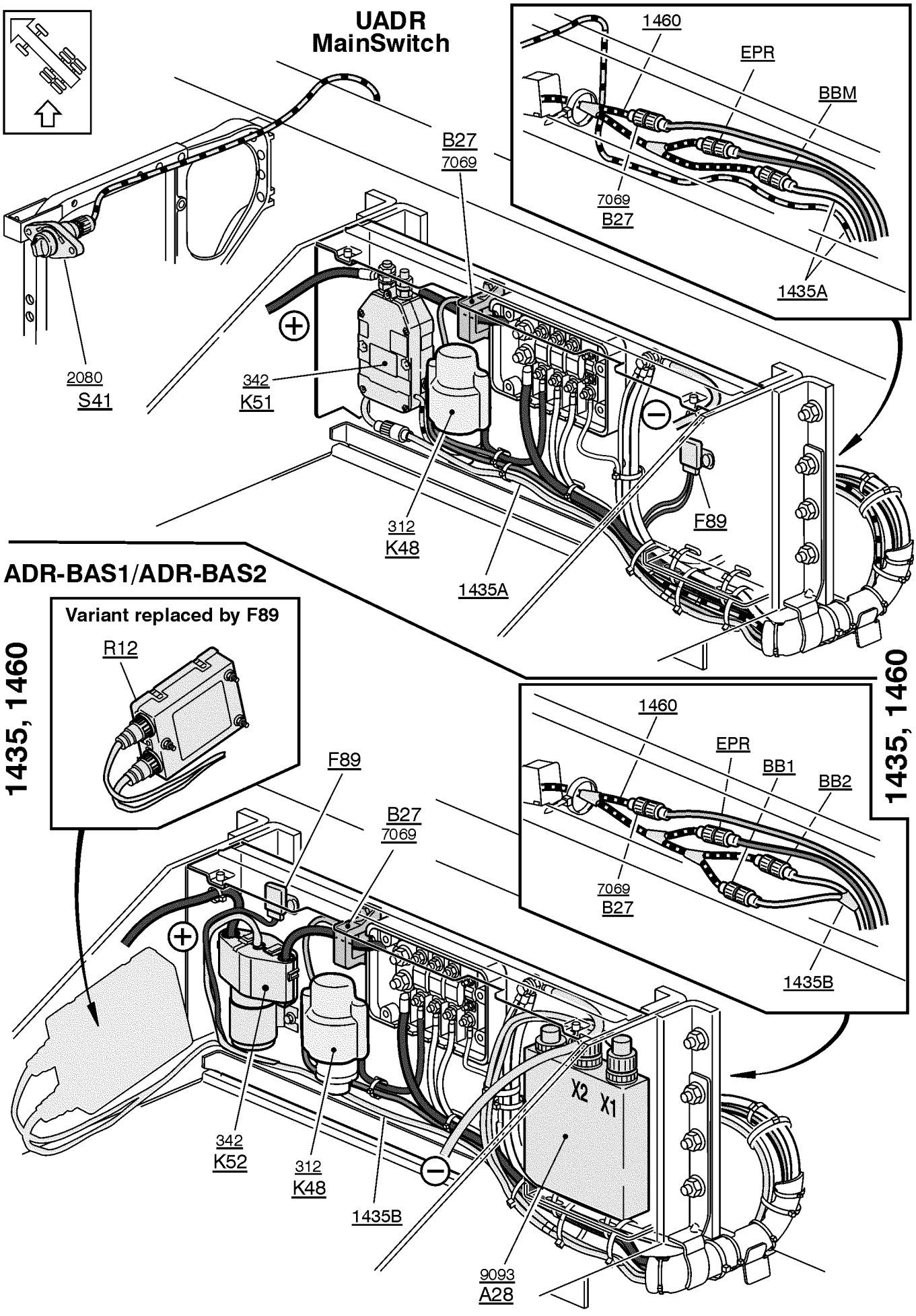

S48B 216B
S48A 216A
Y02 601
Y03 602
Y18A 6024
Y18C 6024
1401
EBS
U05 6076
S48A 216A
M14 6073
1401
Y18A
Y18C
CA
1401
PTO engine mounted

T3016251

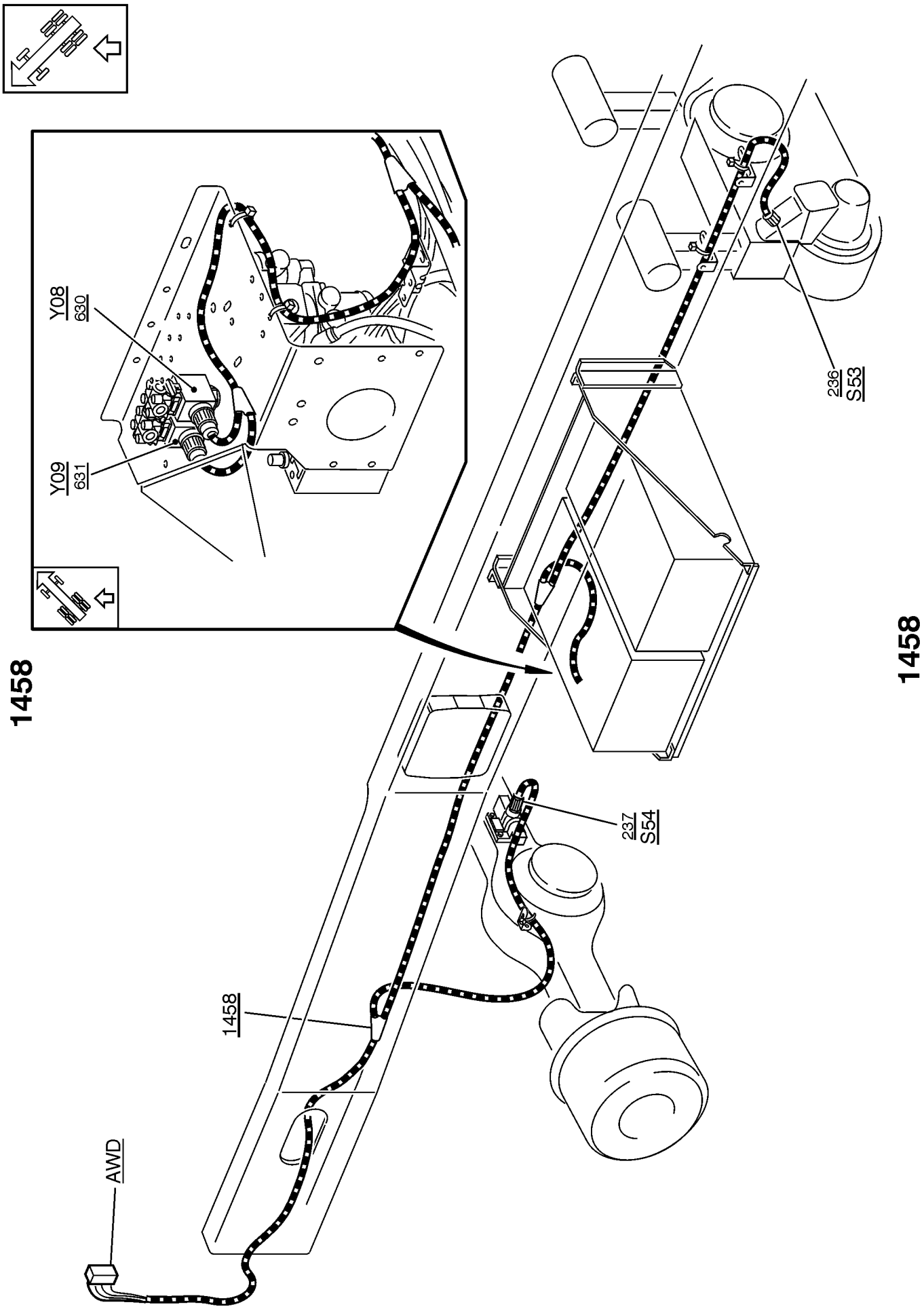


T3015884

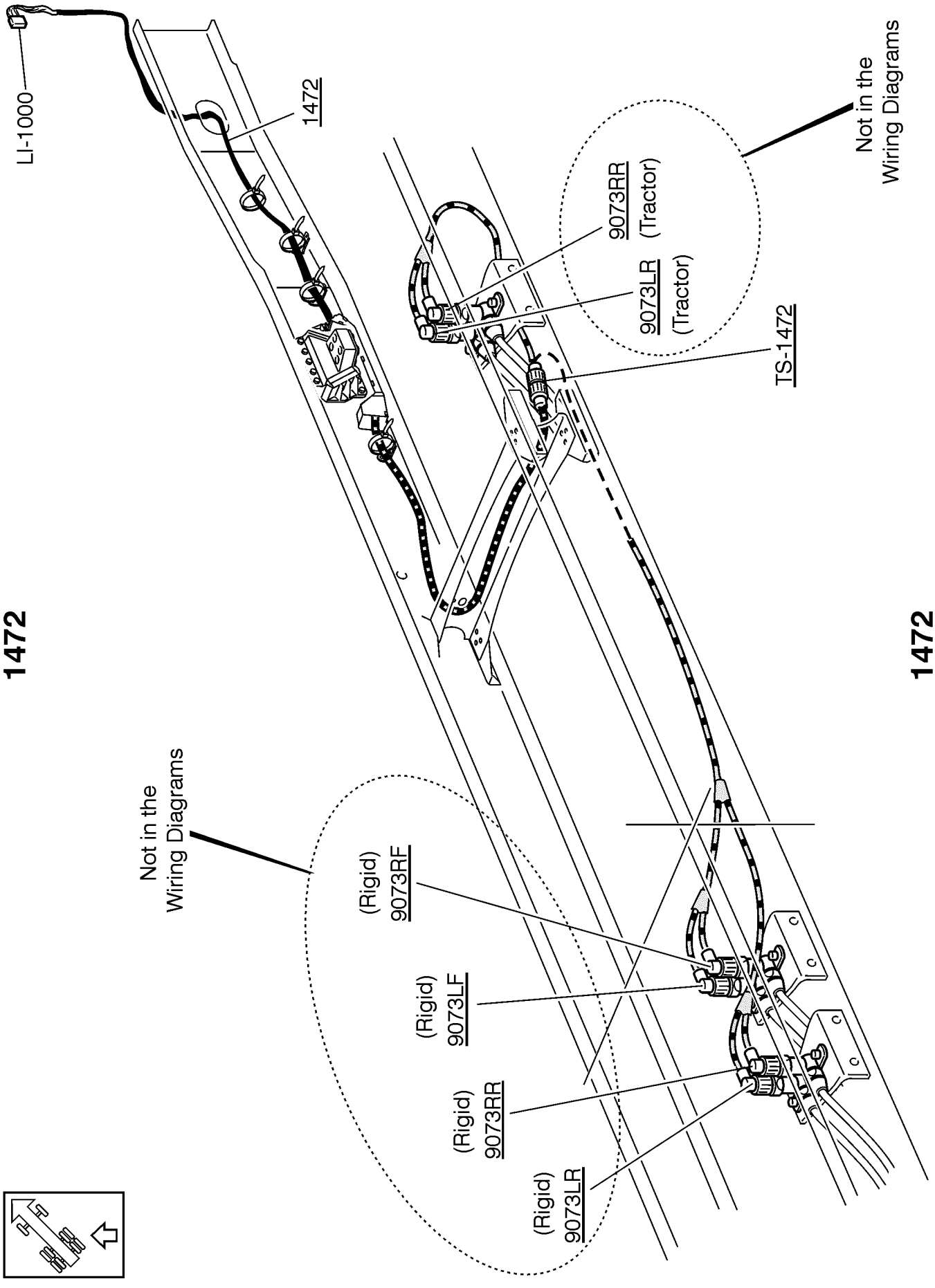

1435, 1460
PW-1000
1460
BBOX-R
1435A
BB2
BB1/BBM
EPR
A04B
7069
B27
1435, 1460
ADR
7069
B27
EPR
BB1
BB2
1435B
B27
7069
S41
2080
EPR
BBM
1435A
T3016411

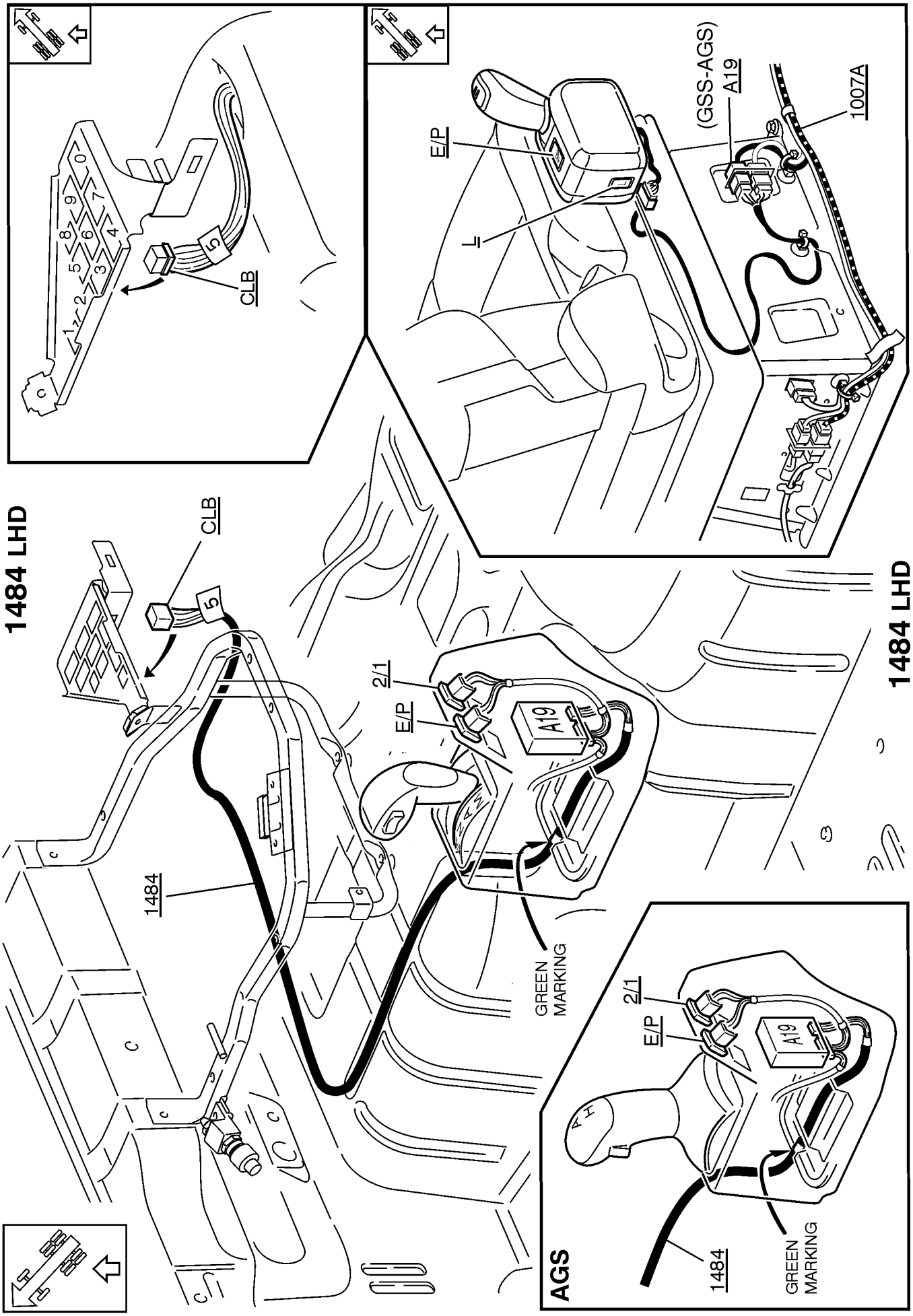

UADR
MainSwitch
1460
EPR
BBM
B27
7069
7069
B27
1435A
2080
S41
342
K51
312
K48
F89
1435A
ADR-BAS1/ADR-BAS2
Variant replaced by F89
R12
1435, 1460
1460
EPR
BB1
BB2
1435, 1460
F89
B27
7069
7069
B27
1435B
342
K52
312
K48
1435B
X2
X1
9093
A28

T3016412

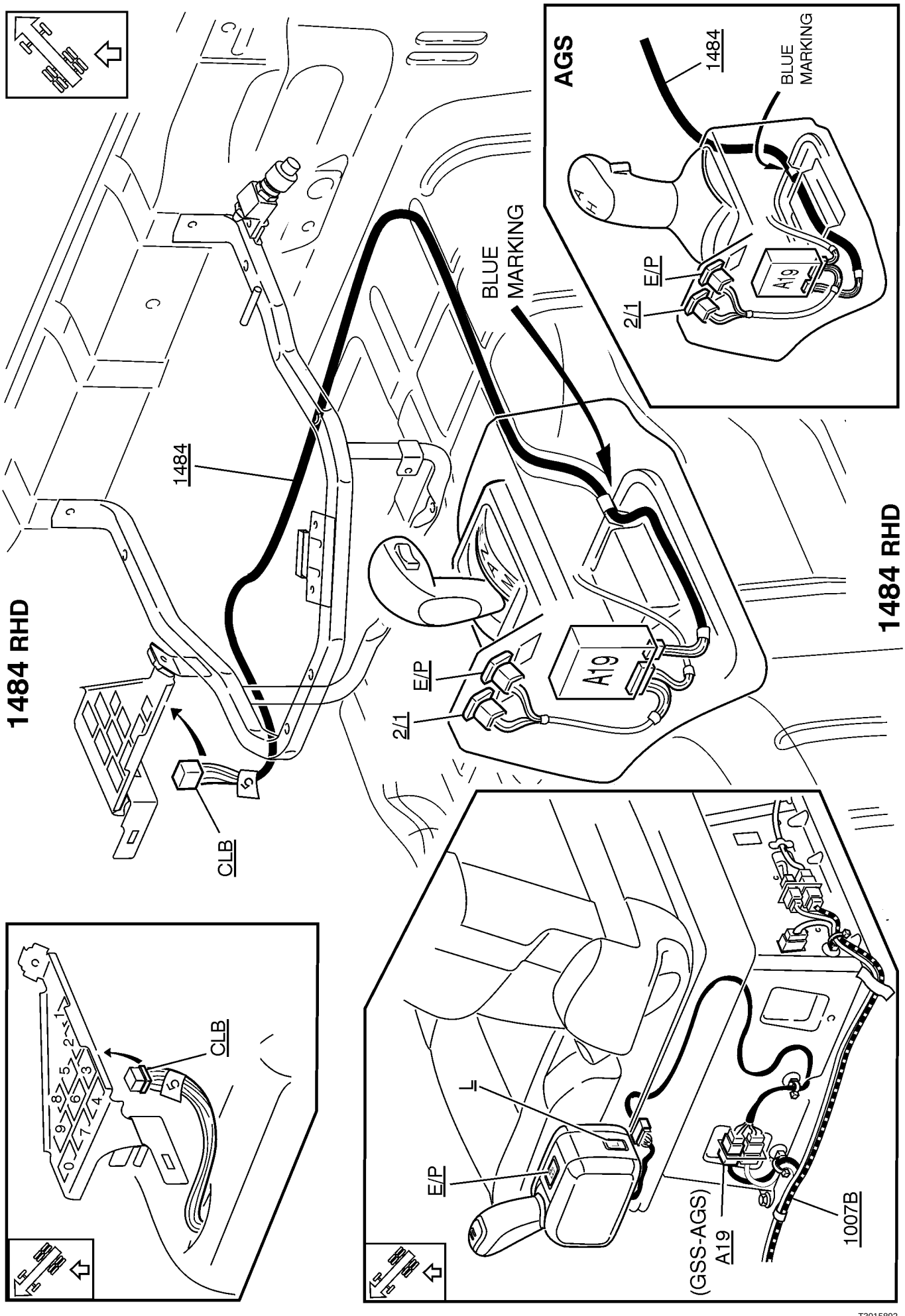


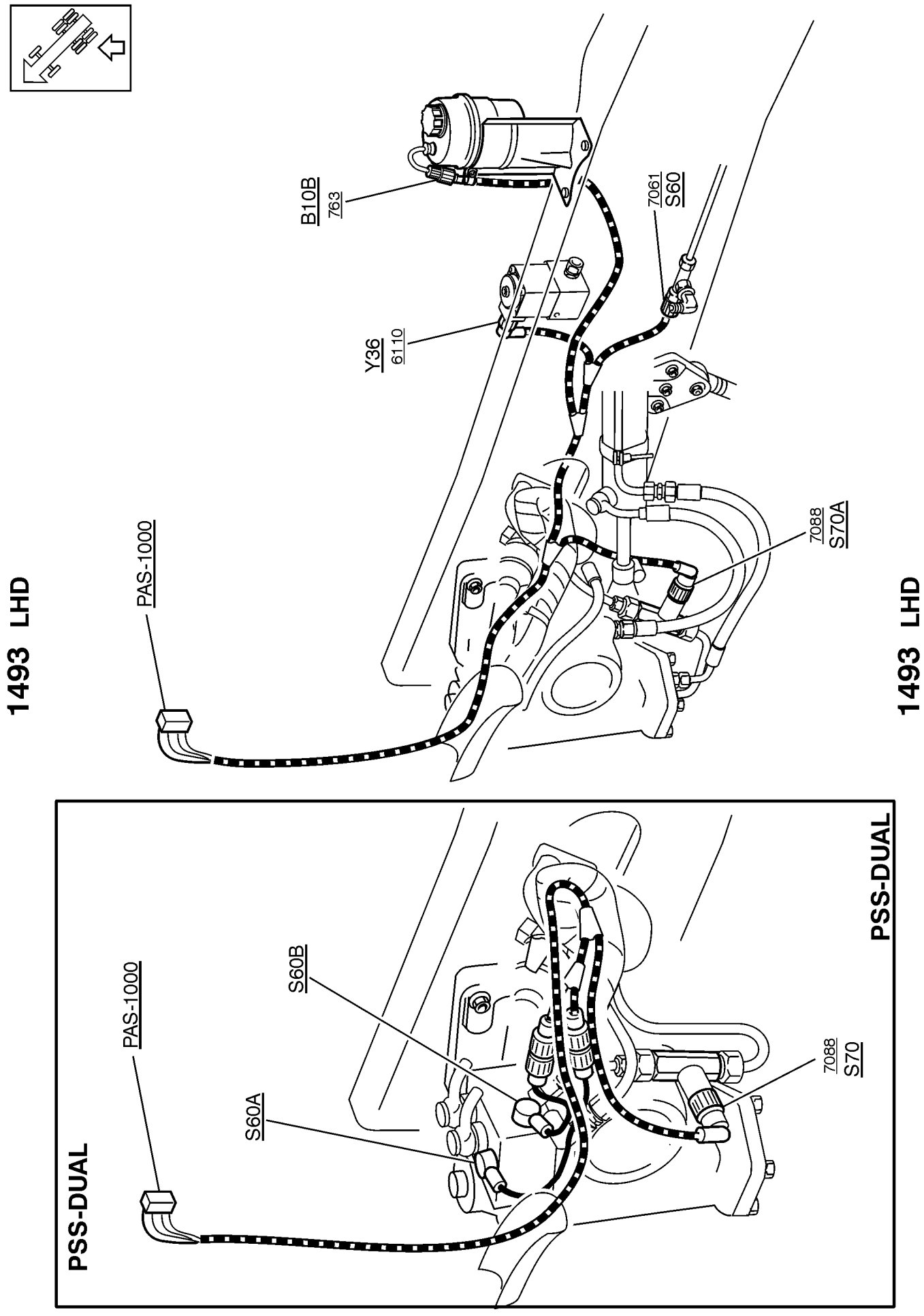
T3015890


LI-1000
1472
9073RR (Tractor)
9073LR (Tractor)
Not in the Wiring Diagrams
TS-1472
1472
1472
Not in the Wiring Diagrams
(Rigid) 9073RF
(Rigid) 9073LF
(Rigid) 9073RR
(Rigid) 9073LR
T3016441

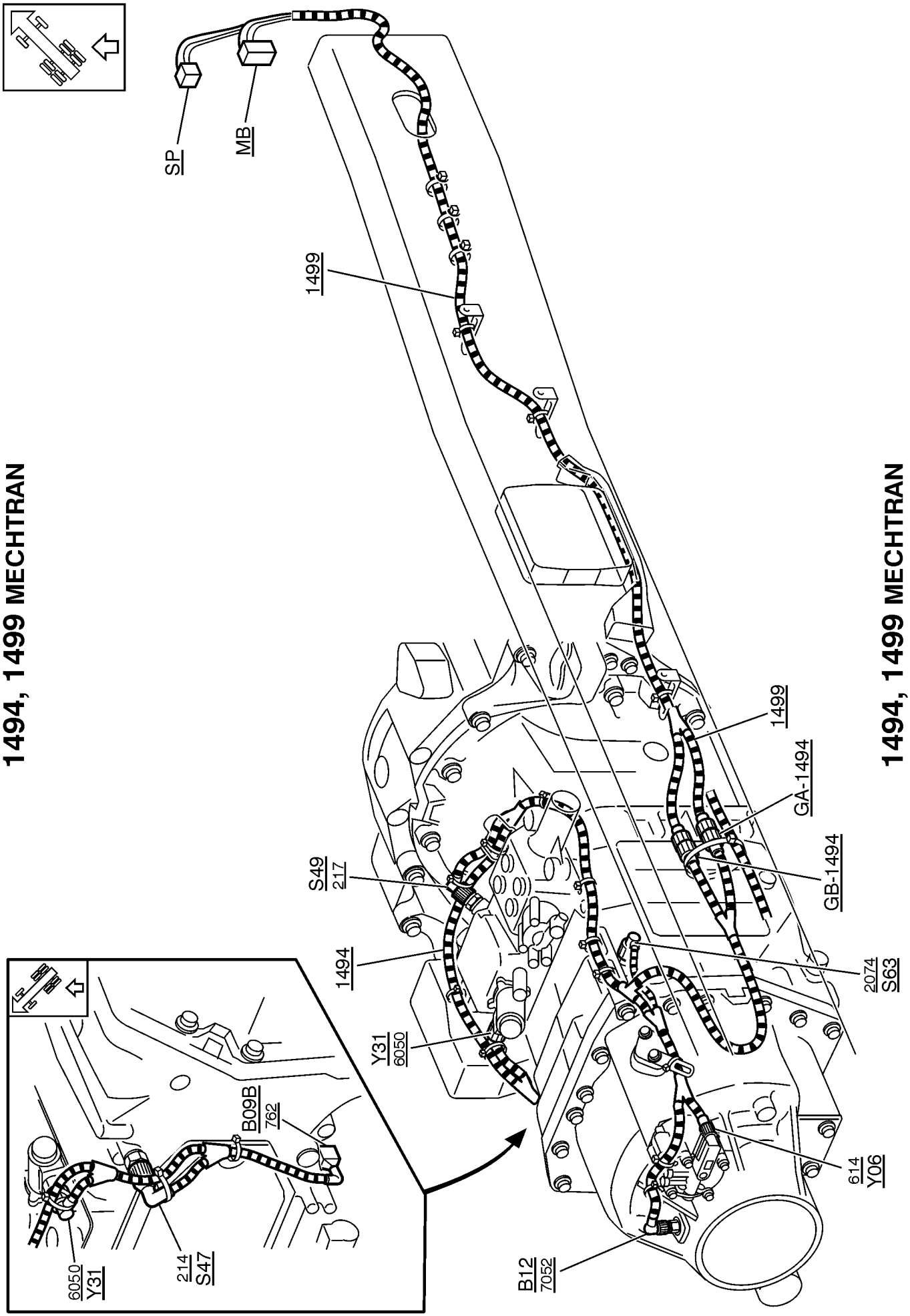

1484 LHD
CLB
5
1484
2/1
E/P
A19
GREEN MARKING
1484 LHD
AGS
1484
GREEN MARKING
E/P
L
(GSS-AGS)
A19
1007A
CLB

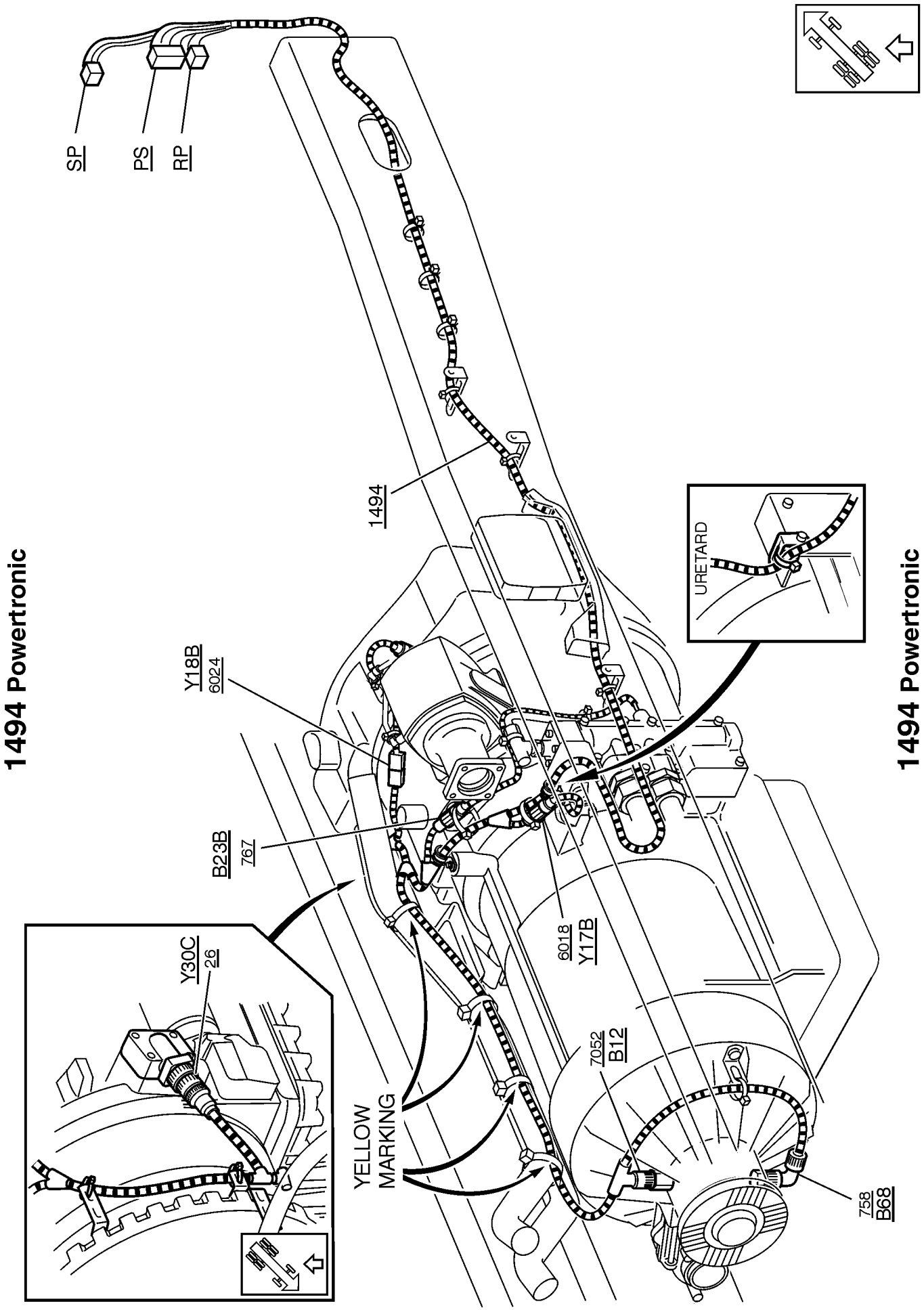
T3015891


1484 RHD
1484
CLB
BLUE MARKING
2/1
E/P
A19
AGS
1484
BLUE MARKING
2/1
E/P
A19
1484 RHD
E/P
(GSS-AGS)
A19
1007B
CLB

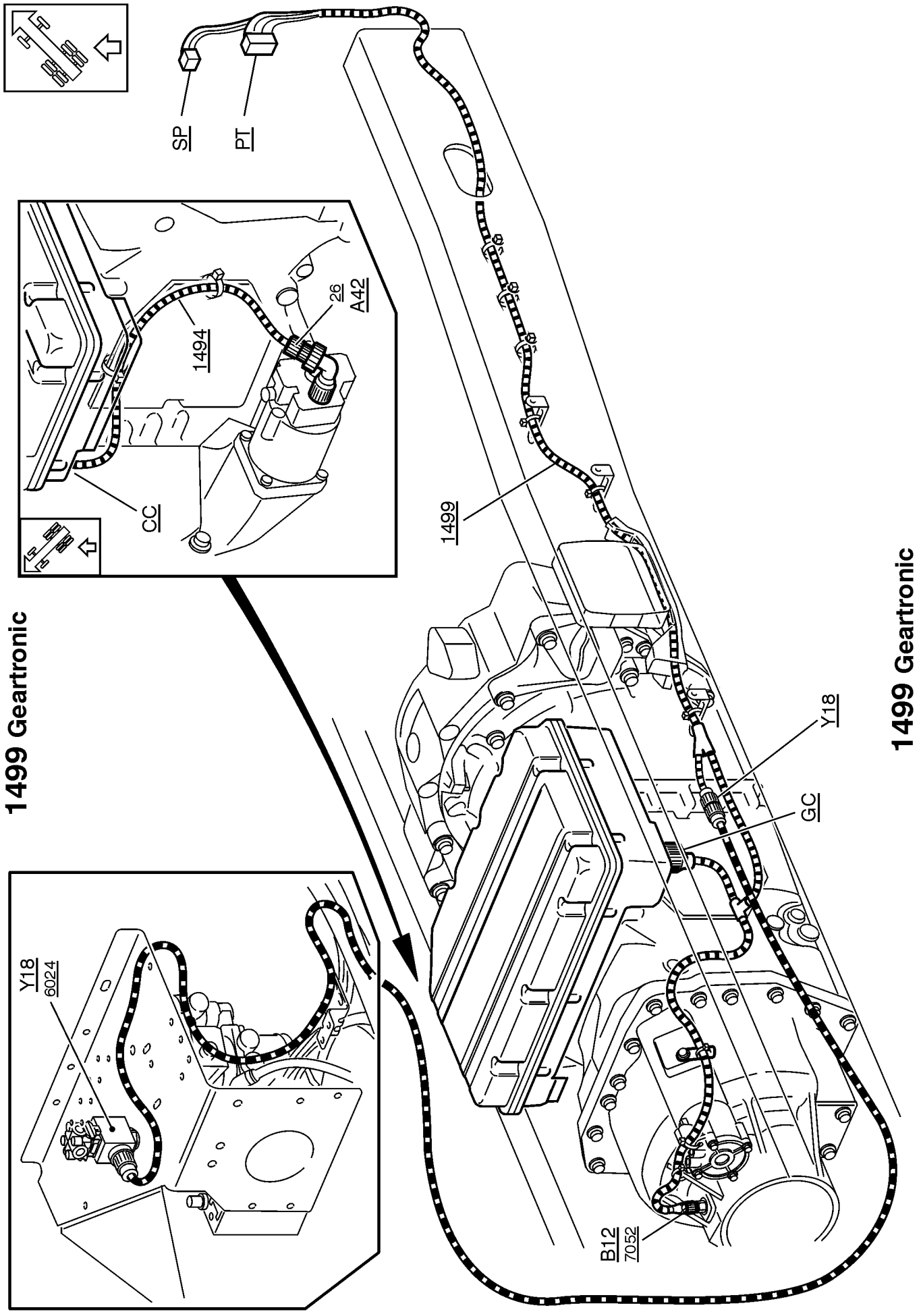

1493 LHD
B10B
763
7061
S60
Y36
6110
PAS-1000
7088
S70A
1493 LHD
PSS-DUAL
PAS-1000
S60B
S60A
7088
S70
PSS-DUAL

T3016442

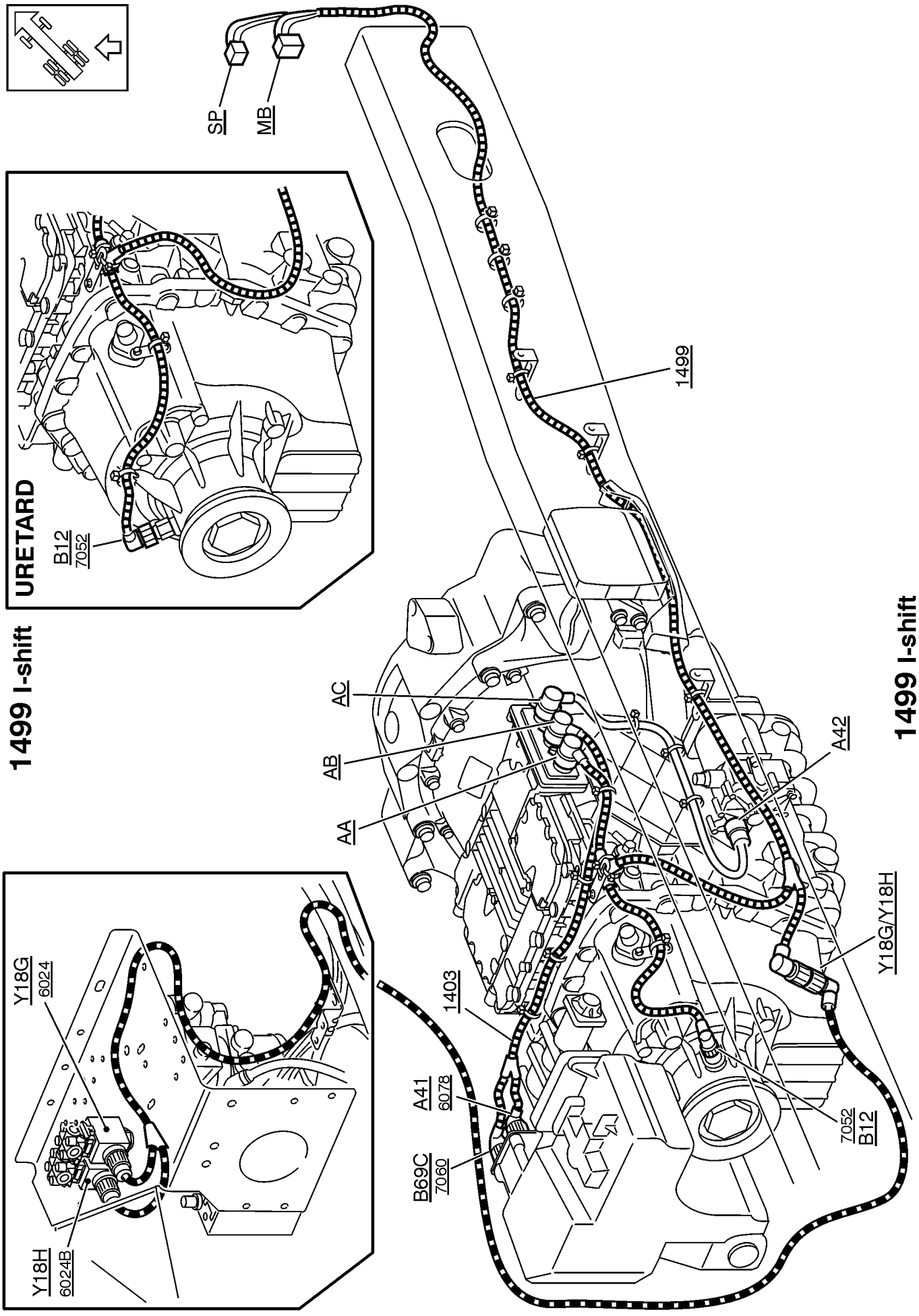

1494, 1499 MECHTRAN
SP
MB
1499
S49
217
1494
Y31
6050
B09B
762
214
S47
6050
Y31
B12
7052
1499
GA-1494
GB-1494
2074
S63
614
Y06
1494, 1499 MECHTRAN


1494 Powertronic
SP
PS
RP
1494
Y18B
6024
B23B
767
URETARD
6018
Y17B
7052
B12
Z58
B68
YELLOW
MARKING
Y30C
26
1494 Powertronic

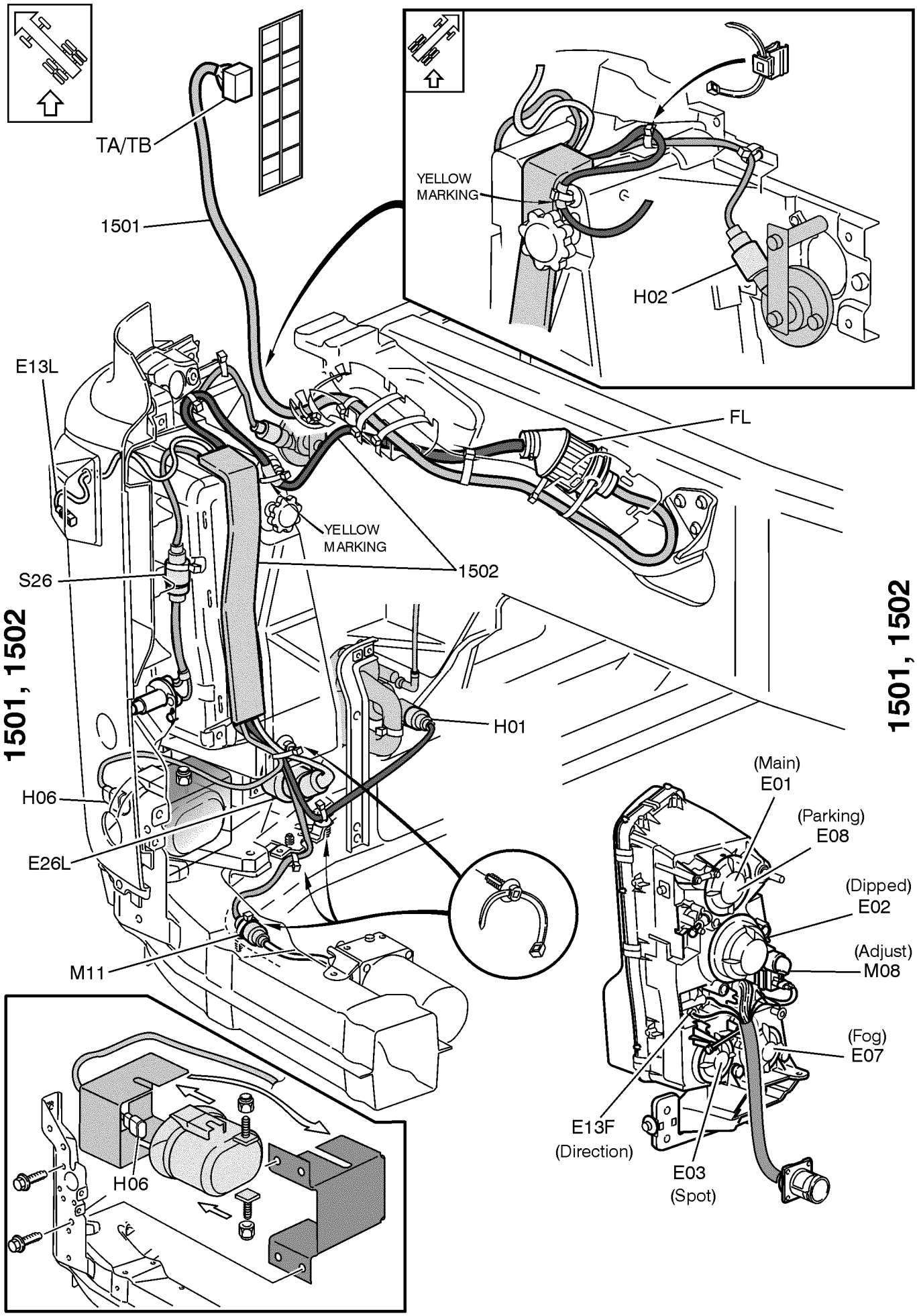
T3015898


SP
PT
1494
26
A42
CC
1499
Y18
GC
B12
7052
Y18
6024
1499 Geartronic
1499 Geartronic

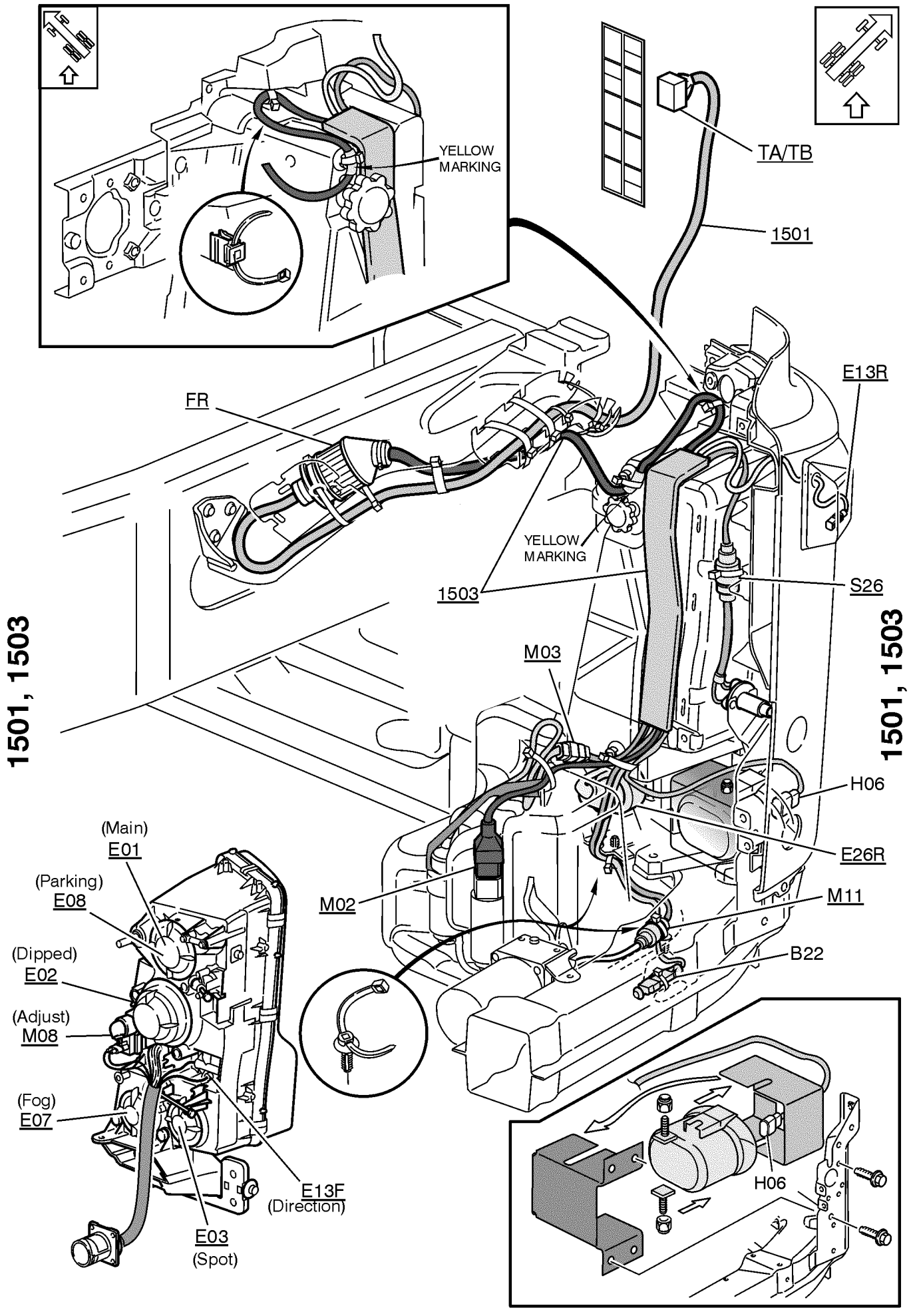
T3015896

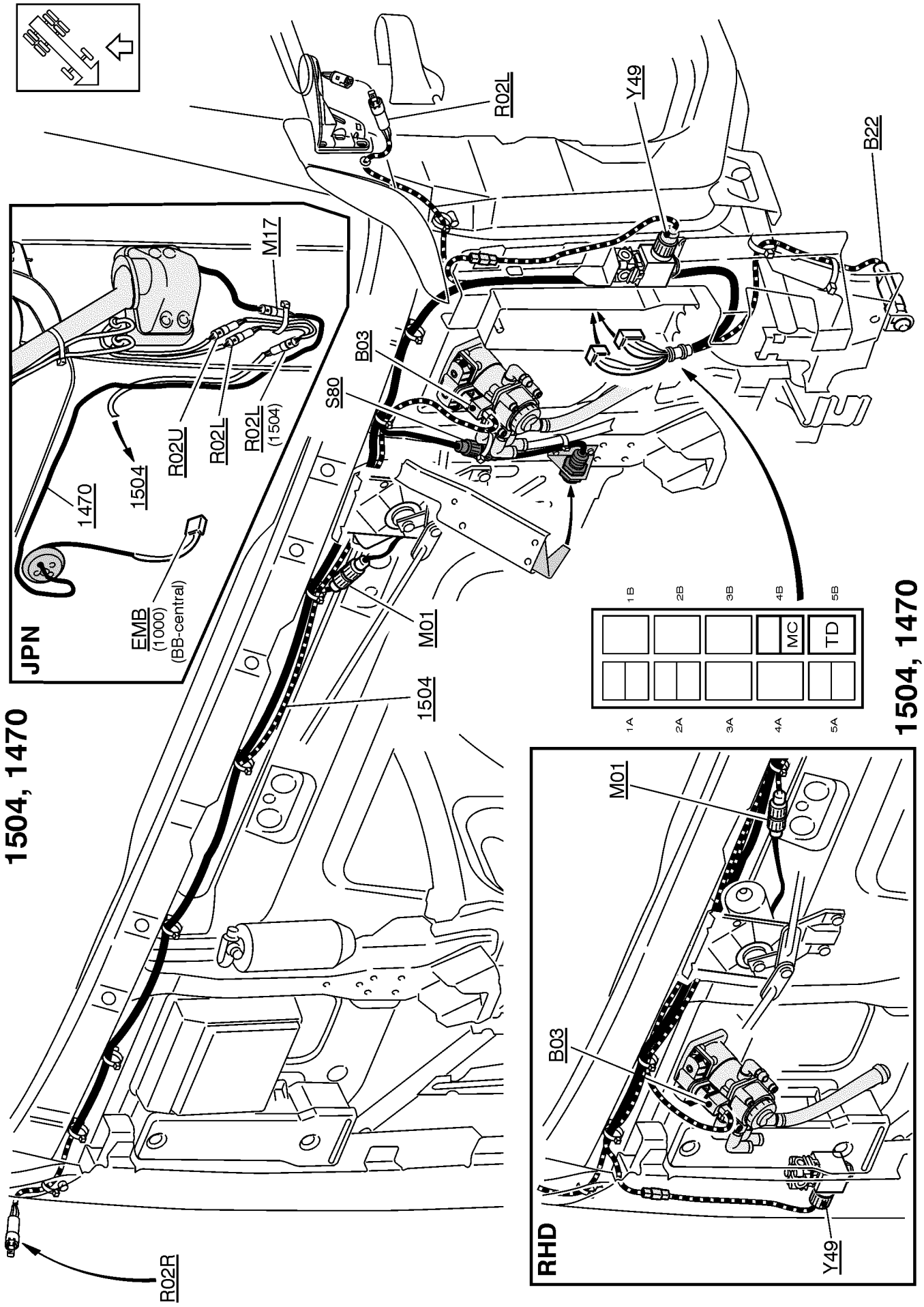

1499 I-shift
URETARD
B12
7052
SP
MB
1499
AC
AB
AA
A42
1499 I-shift
Y18G/Y18H
1403
A41
6078
B69C
7060
7052
B12
Y18G
6024
Y18H
6024B

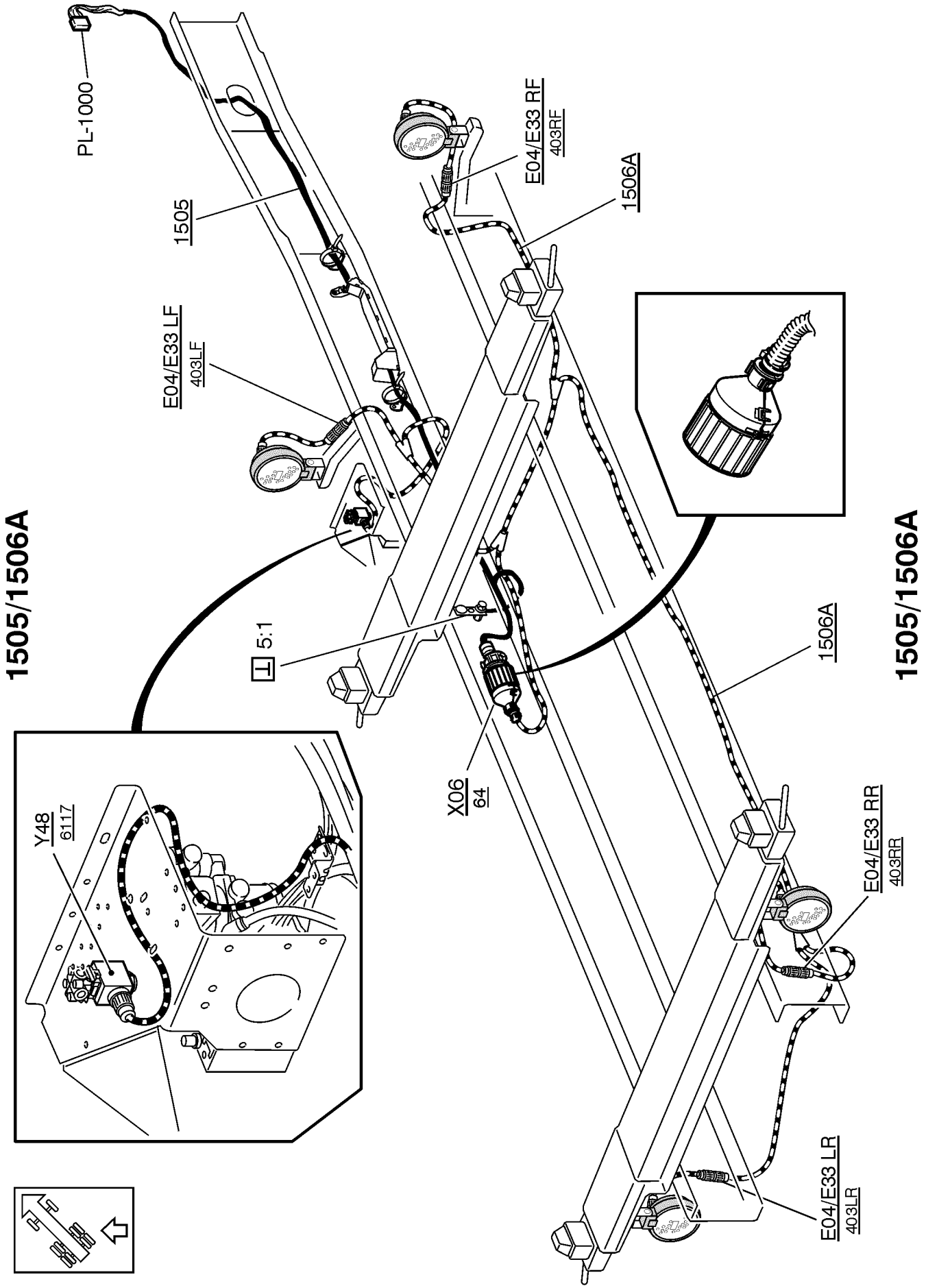
T3015897


TA/TB
1501
YELLOW MARKING
H02
E13L
FL
YELLOW MARKING
1502
S26
1501, 1502
1501, 1502
H01
H06
E26L
M11
(Main) E01
(Parking) E08
(Dipped) E02
(Adjust) M08
(Fog) E07
E13F (Direction)
E03 (Spot)
H06

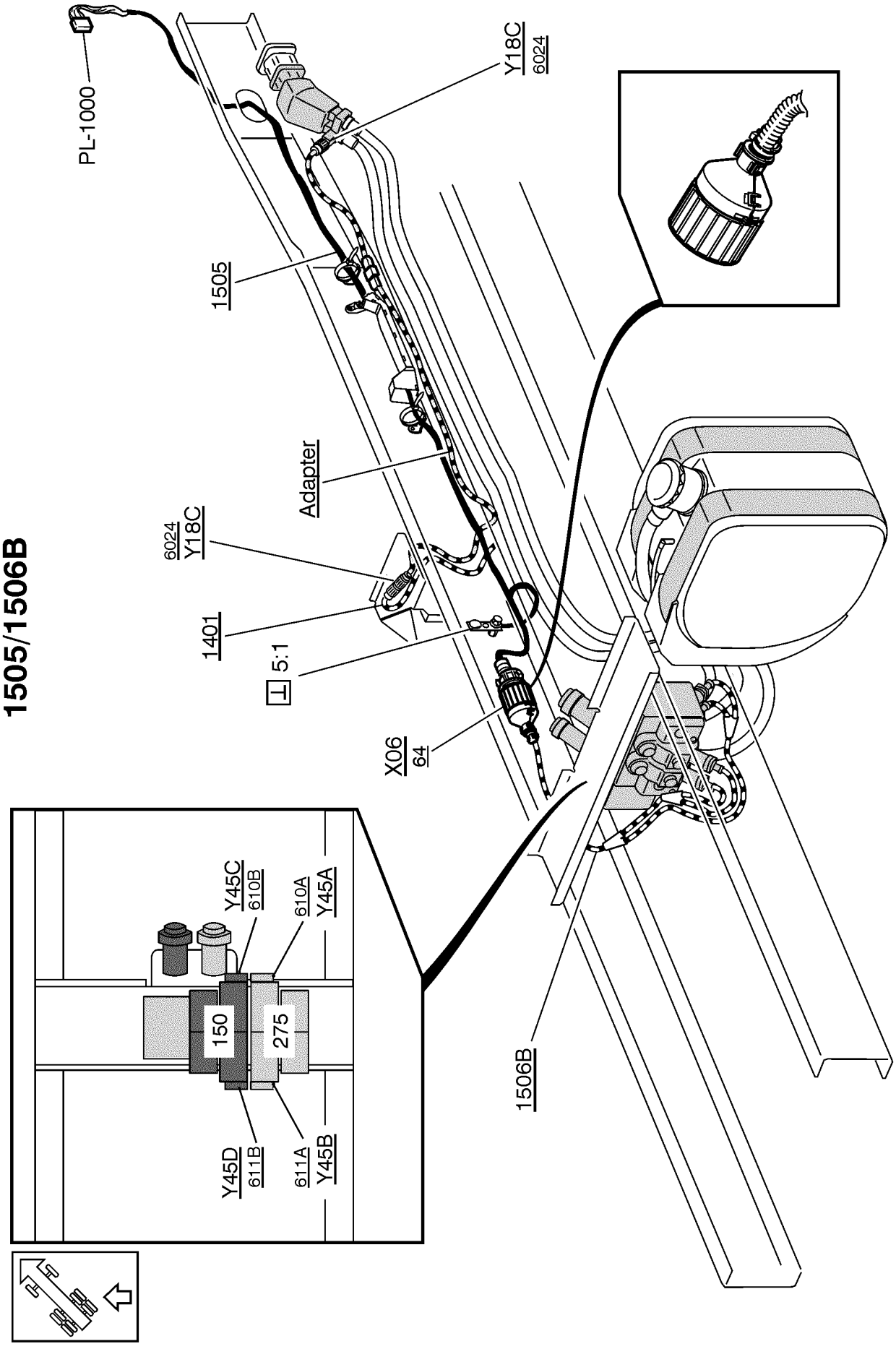
T3016417

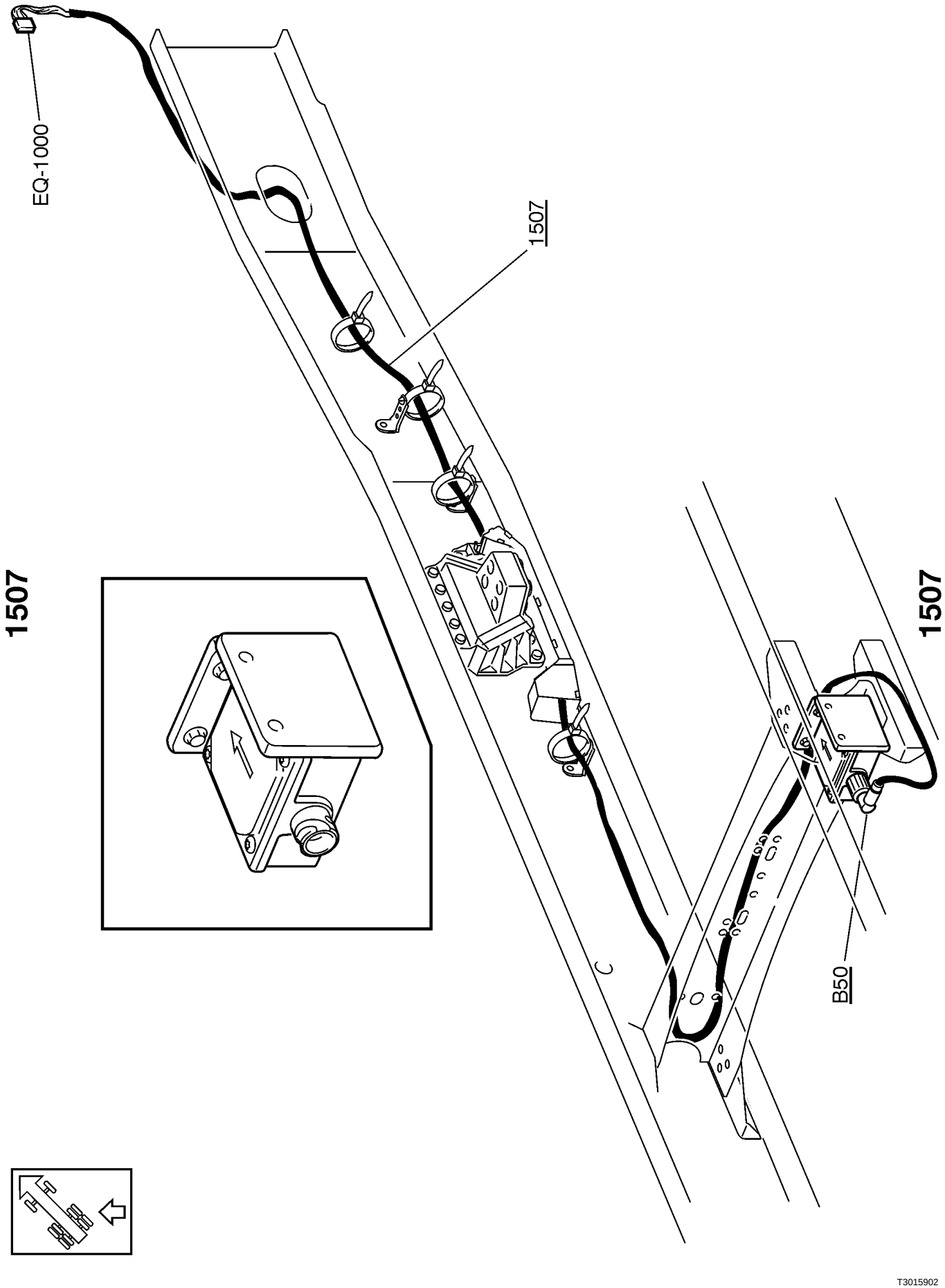

YELLOW MARKING
TA/TB
1501
E13R
FR
YELLOW MARKING
1503
S26
1501, 1503
M03
1501, 1503
H06
E26R
M02
M11
B22
(Main)
E01
(Parking)
E08
(Dipped)
E02
(Adjust)
M08
(Fog)
E07
E13F
(Direction)
E03
(Spot)
H06
T3016418


1504, 1470
JPN
M17
1470
1504
R02U
R02L
R02L
(1504)
EMB
(1000)
(BB-central)
R02R
S80
B03
M01
1504
R02L
Y49
B22
1 B
2B
3B
4B
5B
MC
TD
1A
2A
3A
4A
5A
1504, 1470
RHD
M01
B03
Y49


PL-1000
1505
E04/E33 LF
403LF
E04/E33 RF
403RF
1506A
1505/1506A
5:1
Y48
6117
X06
64
1506A
E04/E33 RR
403RR
E04/E33 LR
403LR
1505/1506A

T3016420


1505/1506B
PL-1000
Y18C
6024
1505
Adapter
6024
Y18C
1401
5:1
X06
64
1506B
1505/1506B
Y45C
610B
610A
Y45A
150
275
Y45D
611B
611A
Y45B

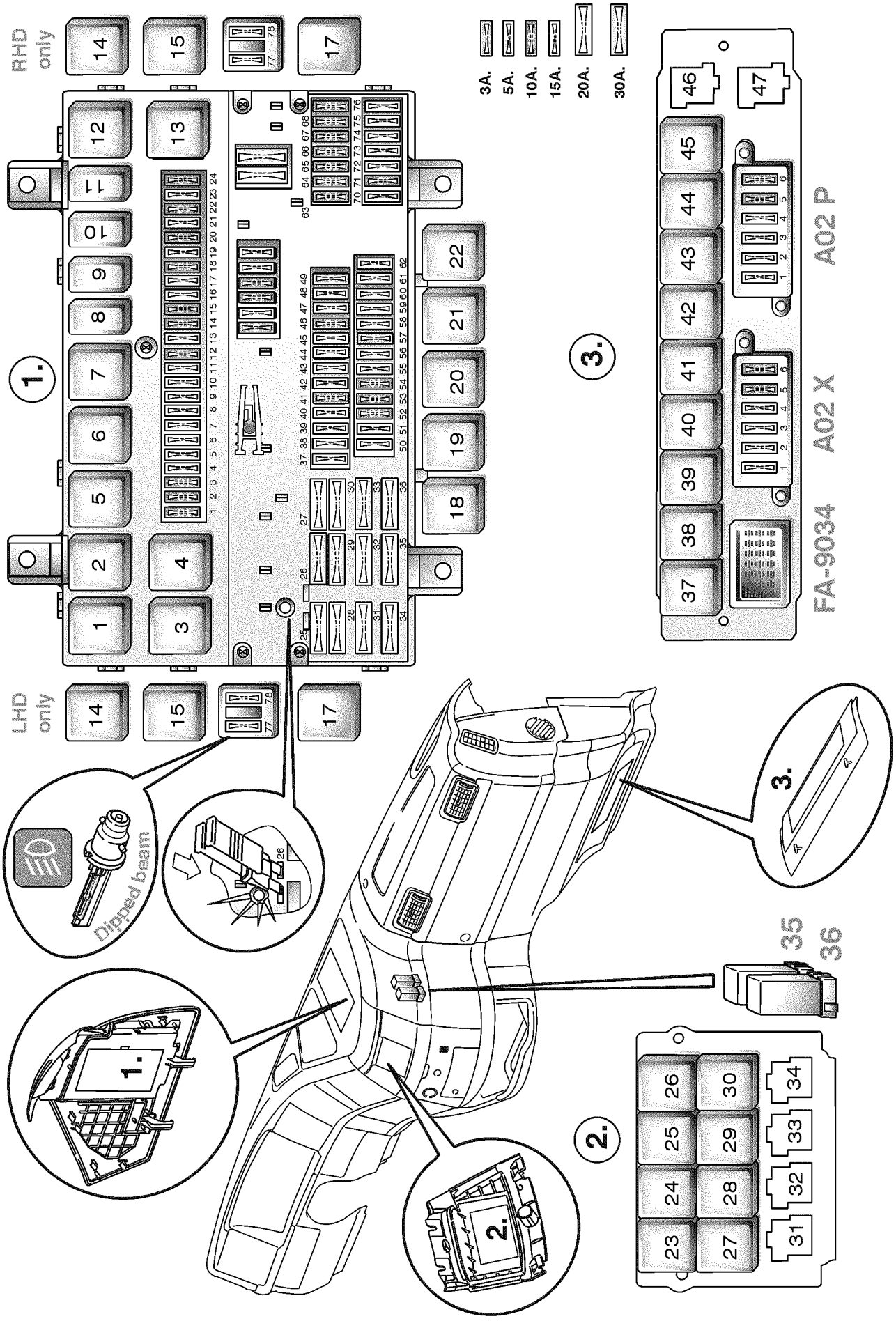

EQ-1000
1507
1507
1507
B50
T3015902

Fuses

F2	Luggage compartment illumination	(IH:4 A)
F3	Loadlight, 5:th wheel lamp	(KE:0 A)
F4	Key switch, radiopos.	(AA:3 C)
F5	Instrumentation, (kl.30)	(BI:3 A)
F6	Free	(BA:1 B)
F7	Vehicle ECU, immobiliser	(BA:1 B)
F8	Instrumentation, (kl.DR)	(BI:0 A)
F9	Range-, area-inhibitors	(BA:0 A)
F10	Free	(HY:0 A)
F11	Gearselector ECU	(DB:1 B/ DM:0 B)
F12	Transmission ECU	(DB:1 B/ DM:1 B)
F13	Windscreen wiper	(GM:3 A)
F14	Cigarette lighter, centre section storage lamp	(IQ:2 A)
F15	Water separator, heater and water drain	(CU:0 A)
F16	Differential lock, power take off	(DQ:0 A/ DU:1 A)
F17	LCM control	(GA:0 A)
F19	Climate unit	(HG:0 A)
F20	Central door lock	(IM:1 A)
F21	Fan, climate unit	(HY:0 A)
F22	Interial lamps	(IH:1 A)
F23	Air suspension	(FA:4 A)
F24	El. heated airdryer, parking heater ADR/TRS	(FQ:0 A)
F25	Supply ABS/EBS trailer	(EC:2 A/ CP:4 A)
F26	Bodybuilder fusebox	(ME:3 B)
F27	El. window winder lhs, el. heated mirrors	(AA:3 B)
F28	Supply ABS/EBS truck	(EE:0 A/ EI:0 A/ EM:1 A)
F29	Coffee maker	(ME:1 A)
F30	El. window winder, rhs	(AA:3 B)
F31	Parking heater	(HI:0 A/ HM:0 A/ HP:0 A)
F32	ECC climate unit	(HG:0 A)
F33	El. cab tilt	(KA:0 A)
F34	Free	(ME:1 A)
F35	El. adjustable seat	(IA:2 A)
F36	Free	(ME:4 B)
F37	Dynafleet	(AA:3 B)
F38	Instep lamps	(AA:3 B)
F39	El. adjustable rearview mirrors	(AA:3 B)
F40	Engine ECU	(CM:1 A)
F41	Engine solenoid valves, el. fuel pump	(CM:3 A)
F42	Engine preheating relay, cooling fan clutch	(CM:2 A)
F43	BBM (body builder module)	(BA:1 A)
F44	Voltage converter for radio	(IR:0 A)
F45	Supplementary voltage converter	(IR:1 A)
F46	Beacon warning light	(KM:0 A)
F47	Free	(ME:0 A)
F48	ABS/EBS, EBS switches	(EE:0 A/ EI:0 A/ EM:0 A)
F49	Air suspension/A-ride/tag axle	(FA:3 A/ FK:1 A)
F50	Telephone	(IX:0 A)
F52	Control circuit engine preheating, radio position relay	(AA:1 A)
F53	Light sign	(KI:1 A)
F54	Dynafleet	(BU:0 A)
F55	SRS airbag, safety belt tensioner	(IS:0 A)
F57	Gear selector ECU	(DB:0 A/ DM:1 B)
F58	ADR/TRS, D+ short circuit relay	(AA:3 B/ AE:4 B)
F59	Rear view camera	(IZ:0 A)
F61	Foldable rearview mirror arm, Japan, burglar alarm	(IF:0 A)
F62	Free	(ME:0 A)
F63	Free/ISX-functions (AUS only)	(CP:1 A)
F64	Free/ISX-functions (AUS only)	(CP:2 A)
F65	Central lubrication system	(FU:0 A)
F66	Roof hatch	(IQ:0 A)
F67	Reading lamps, bedlamps	(IH:0 A)
F68	Refrigerator	(IQ:3 A)
F69	12-volt outlet	(IR:1 C)

F70	Trailer ABS/EBS, (kl. 15)	(EC:1 A/ CP:4 A)
F71	Extra equipment	(ME:1 A)
F72	Headlamp level regulation system	(GQ:1 A/ GU:0 A)
F73	Hydraulic steered axle	(FM:0 A/ FP:1 A)
F74	Headlamp high-pressure washer	(GM:1 A)
F75	El. heated seat	(IA:0 A)
F76	ADR/TRS, D+ short circuit relay	(AE:4 B)
F89	Tachograph	(AA:0 B) (1435)
F90	12V converter, ABS trailer/info-module	(CP:3 C)
FM1	Fuse, main, preheating	(AA:0 B/ AE:2 B)
FM2	Fuse, main, bogie lift/extra equipment	(AA:0 B/ AE:1 B)
FM3	Fuse, main, cab and chassis	(AA:0 B/ AE:2 B)
FM4	Fuse, main, light, back-up	(AA:0 B/ AE:1 B)

Relays



T3016485

K1	Relay, starting switch, radio position	(AA:3 B)
K2	Relay, EMS (Engine Management System)	(BA:1 A)
K3	Relay, starter motor	(AA:1 C)
K3B	Relay, starter motor, Cummins	(CS:1 C)
K4	Relay, bodybuilder fuse box (kl.15)	(ME:2 A)
K5	Relay, automatic transmission	(DB:1 A/ DM:0 A)
K6	Relay, fan climate unit	(HY:0 B)
K7	Relay, intermittent wiper	(GM:1 C)
K8	Relay, gearbox area inhibitor	(BA:1 A)
K9	Relay, interior lamps	(IH:1 A)
K10	Relay, fifth wheel-, working-light	(KE:0 C)
K11	Relay, air suspension	(FA:4 B)
K12	Not used	(ME:4 B)
K13	Relay, alternator controled	(AA:4 C)
K14	Time delay relay, bogie lift, A-ride	(FK:1 C)
K15	Time delay relay, bogie lift, A-ride, with axle load limiter	(FK:2 C)
K16	Relay, bogie lift, A-ride, with axle load limiter	(FK:1 C)
K17	Relay, 3:rd axle lock, self steered axle	(FM:0 C)
K18	Relay, hydraulic steered axle	(FP:1 B)
K19	Relay, 3:rd axle lock, self steered axle	(FM:1 C)
K20	Relay, D+ short-circuit, (ADR-trucks only)	(AE:4 D)
K21	Relay, el. adjustable seat	(IA:2 B)
K22	Relay, climate fan, 1:st speed (by parking heater)	(HY:1 B)
K23	Relay, cab tilt	(KA:0 C)
K24	Relay, central lubrication	(FU:0 B)
K25	Relay, light sign	(KI:1 C)
K26A	Relay, foldable rearview mirror arm, Japan	(IF:0 C)
K26B	Relay, foldable rearview mirror arm, Japan	(IF:1 C)
K27	Relay, gas discharge lamp, dipped beam, lhs	(GB:0 D)
K28	Relay, gas discharge lamp, dipped beam, rhs	(GB:0 D)
K30	Relay, beacon warning light	(KM:0 B)
K35	Relay, headlamp high pressure wash	(GM:0 C)
K37A	Relay, parking light	(NR:0 C)
K37B	Relay, parking light	(NA:0 C)
K38	Relay, pressure selection, tipper trailer	(NA:1 C)
K38A	Relay, pressure selection, tipper trailer	(NR:1 C)
K38B	Relay, pressure selection, tipper trailer	(NR:1 C)
K39A	Relay, prepared wirings for body-builder (auxsw-6) A	(NA:1 C)
K39B	Relay, prepared wirings for body-builder (auxsw-6) A	(NA:1 C)
K40A	Relay, prepared wirings for body-builder (auxsw-6) B	(NR:3 C)
K40B	Relay, prepared wirings for body-builder (auxsw-6) B	(NA:2 C)
K41A	Relay, prepared wirings for body-builder (auxsw-6) C	(NR:3 C)
K41B	Relay, prepared wirings for body-builder (auxsw-6) C	(NA:3 C)
K42	Relay, spotlights	(NI:1 B)
K43	Relay, external engine start	(NC:3 C)
K45	Relay, prepared wirings for body-builder	(NU:2 B)
K48	Power relay, engine preheating	(CM:2 B)
K51	Power relay, battery main switch	(AA:0 C/ CS:0 C)
K52	Power relay, ADR battery main switch	(AE:0 B)
K54	Relay, 12V ABS Trailer	(CP:2 D)

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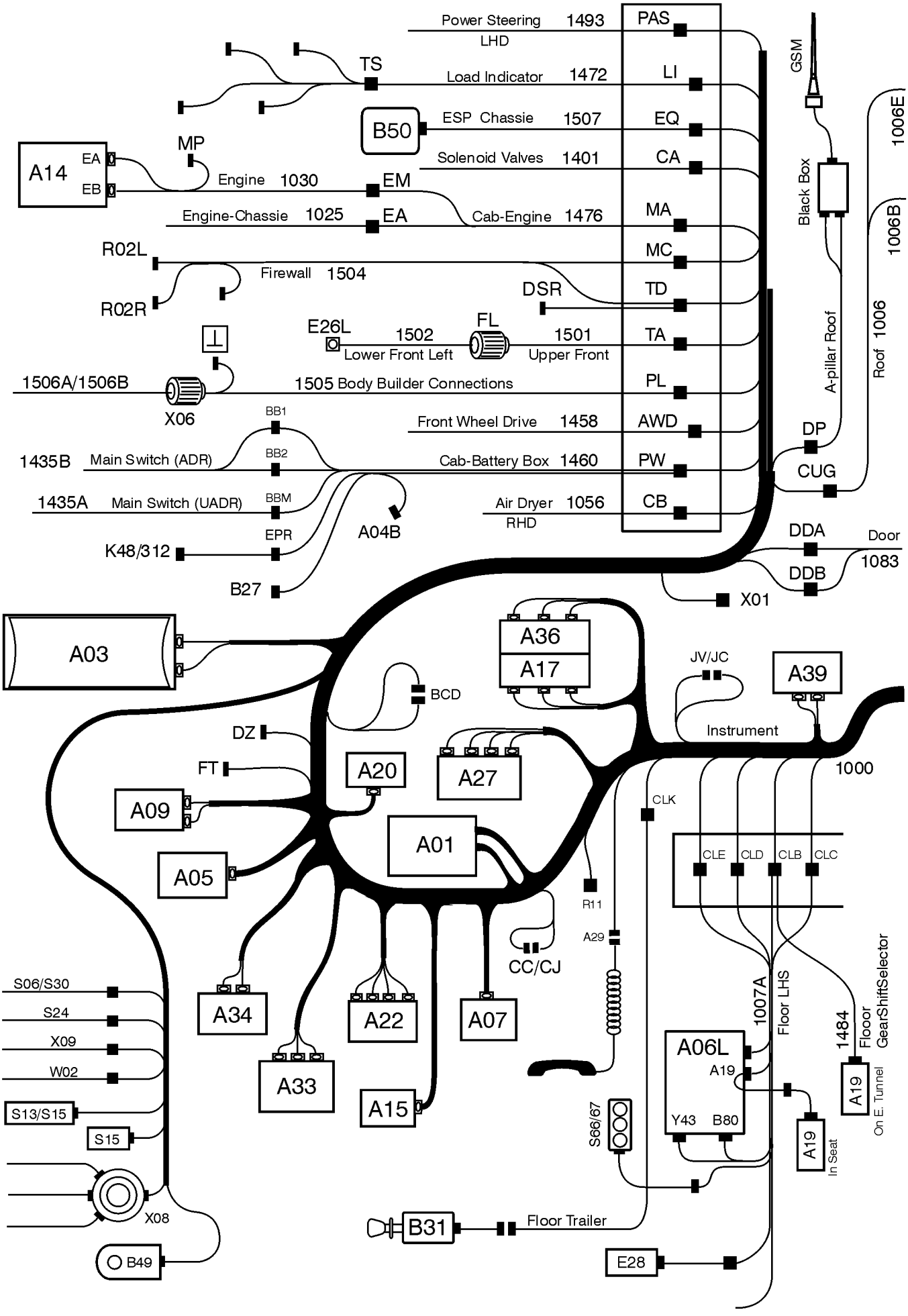
Power Steering 1493
LHD
PAS
TS
Load Indicator 1472
LI
B50
ESP Chassie 1507
EQ
MP
A14
EA
EB
Solenoid Valves 1401
CA
Engine 1030
EM
Engine-Chassie 1025
EA
Cab-Engine 1476
MA
R02L
MC
Firewall 1504
R02R
DSR
TD
E26L
1502
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1501
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TA
1506A/1506B
1505 Body Builder Connections
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X06
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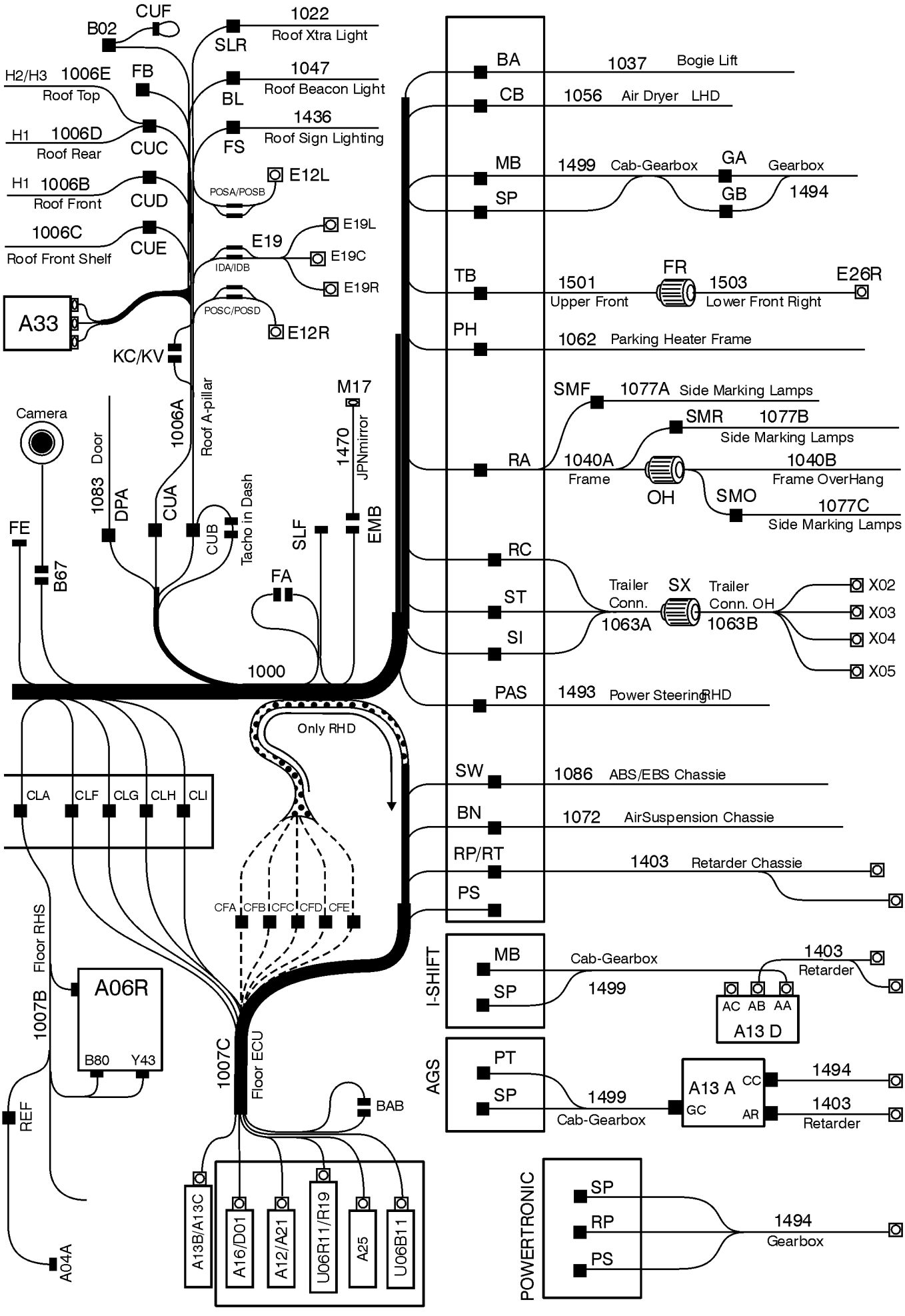
Front Wheel Drive 1458
AWD
1435B
Main Switch (ADR)
BB2
Cab-Battery Box 1460
PW
1435A
Main Switch (UADR)
BBM
Air Dryer 1056
RHD
CB
EPR
A04B
K48/312
B27
GSM
Black Box
1006E
1006B
A-pillar Roof
Roof 1006
DP
CUG
DDA
Door
1083
DDB
X01
A03
A36
A17
JV/JC
A39
BCD
Instrument
DZ
FT
A20
A27
1000
A09
CLK
A01
CLE
CLD
CLB
CLC
A05
R11
A29
CC/CJ
S06/S30
S24
X09
W02
A34
A22
A07
1007A
Floor LHS
1484
Floor GearShiftSelector
A06L
A19
A33
A15
S66/67
Y43
B80
A19
On E. Tunnel
S13/S15
S15
A19
In Seat
X08
B31
Floor Trailer
B49
E28
T3016421


CUF
B02
SLR
1022
Roof Xtra Light
H2/H3 1006E
Roof Top
FB
BL
1047
Roof Beacon Light
H1 1006D
Roof Rear
CUC
FS
1436
Roof Sign Lighting
H1 1006B
Roof Front
CUD
POSA/POSB
E12L
1006C
Roof Front Shelf
CUE
E19
E19L
E19C
E19R
IDA/IDB
POSC/POSD
E12R
A33
KC/KV
Camera
1006A
Roof A-pillar
M17
1470
JPNmirror
1083 Door
DPA
CUA
CUB
Tacho in Dash
SLF
EMB
FE
B67
FA
1000
Only RHD
CLA
CLF
CLG
CLH
CLI
CFA
CFB
CFC
CFD
CFE
Floor RHS
1007B
A06R
B80
Y43
1007C
Floor ECU
REF
A04A
BAB
A13B/A13C
A16/D01
A12/A21
U06R11/R19
A25
U06B11
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Bogie Lift
CB
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SP
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GA
GB
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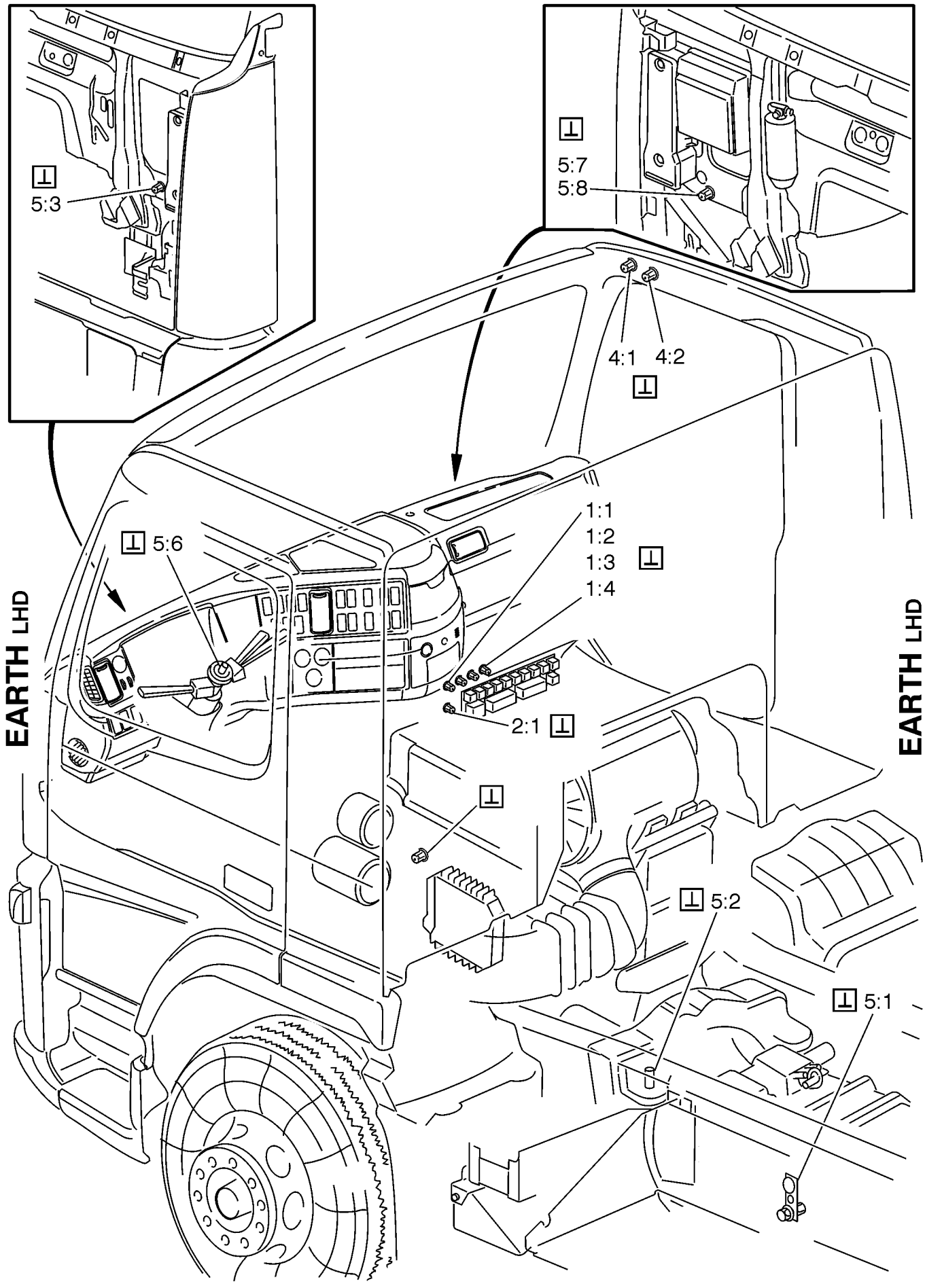
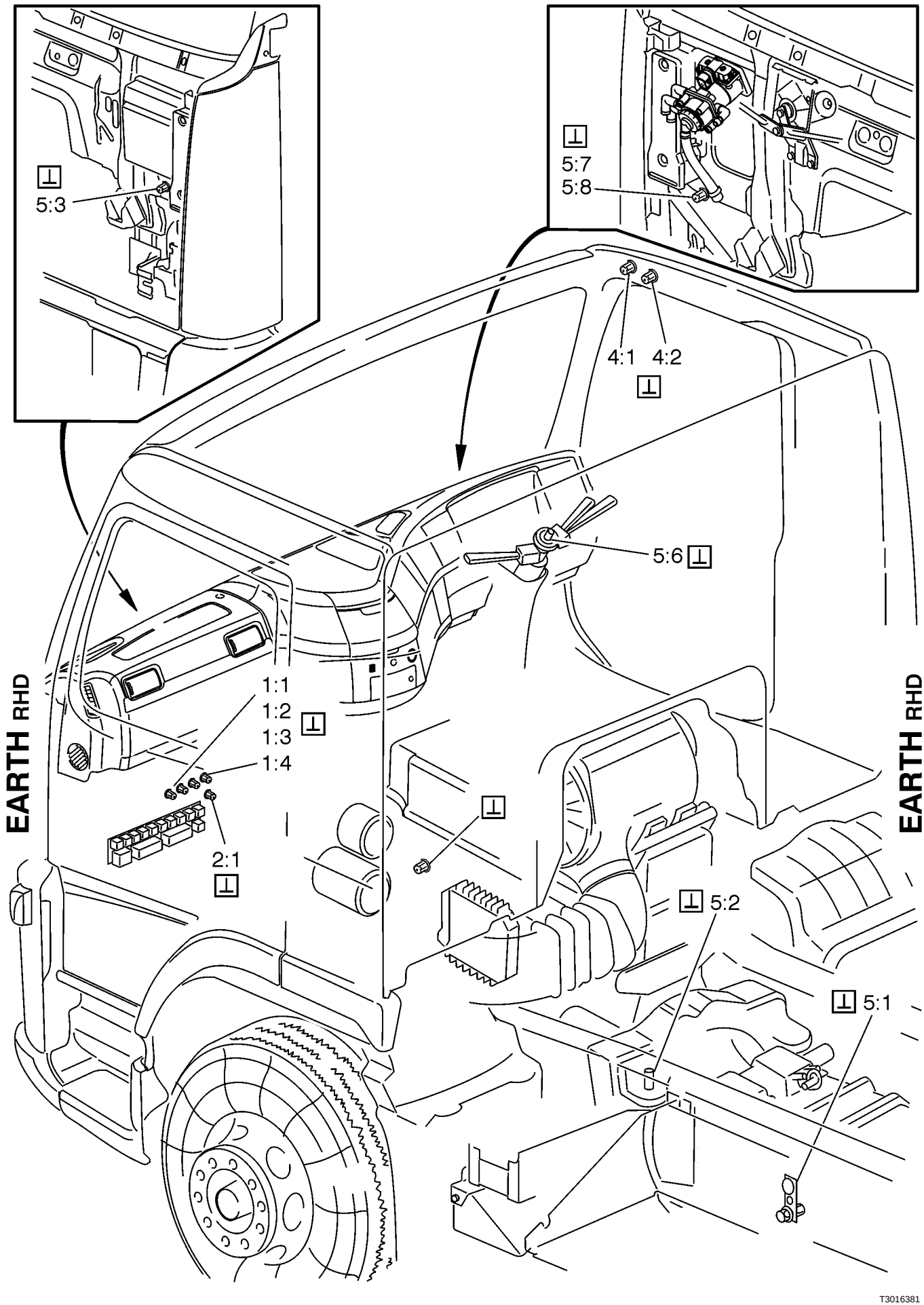
AirSuspension Chassie
RP/RT
1403
Retarder Chassie
PS
I-SHIFT
MB
SP
Cab-Gearbox
1499
1403
Retarder
AC AB AA
A13 D
AGS
PT
SP
1499
Cab-Gearbox
A13 A
CC
GC
AR
1494
1403
Retarder
POWERTRONIC
SP
RP
PS
1494
Gearbox
T3016422

Earth connections




5:3
5:7
5:8
4:1
4:2
5:6
1:1
1:2
1:3
1:4
2:1
EARTH RHD
EARTH RHD
5:2
5:1
T3016381

List of earth connections

1:2	(BA:2 E)	4:1:2	(GA:0 E)	5:2	(AA:2 E)
1:3	(AE:4 E)	4:1:2	(IH:0 E)	5:2	(AE:2 E)
1:4	(AA:2 E)	4:1:2	(KI:1 B)	5:2	(AE:3 E)
2:1	(CP:1 E)	4:2	(IQ:1 E)	5:3	(AA:2 D)
2:1	(ME:0 B)	4:2:2	(HI:0 B)	5:4	(FK:3 E)
2:1	(NA:2 C)	4:2:5	(KM:0 E)	5:6	(GQ:1 E)
2:1	(NR:2 C)	4:1F	(NI:1 E)	5:7	(GB:3 E)
2:1B	(GB:0 E)	5:1	(AA:0 E)	5:7	(GC:1 E)
2:1C	(NI:0 E)	5:1	(NA:4 D)	5:8	(EC:1 E)
4:1:1	(GA:1 E)	5:1	(NR:3 D)		
4:1:1	(GA:4 E)	5:2	(AA:0 E)		
4:1:2	(BN:0 C)				

List of connectors

ADR1:1 (AE:1 C)
ADR1:2 (AE:1 C)
ADR2:1 (AE:1 C)
ADR2:2 (AE:2 C)
ADR3:1 (AE:1 C)
ADR3:2 (AE:2 C)
ADR4:1 (AE:2 C)
ADR4:2 (AE:2 C)
AR:1 (DE:1 D)
AR:2 (DE:0 C)
AR:3 (DE:0 C)
AR:4 (DE:0 C)
AR:5 (DE:1 C)
AR:6 (DE:1 C)
AR:7 (DE:1 C)
AWD:3 (DU:2 C)
AWD:4 (DU:2 C)
AWD:5 (DU:4 C)
AWD:6 (DU:4 C)
AWD:8 (DU:2 D)
BA:1 (FK:1 D)
BA:2 (FK:3 D)
BA:3 (FK:0 C)
BA:5 (FK:1 D)
BA:7 (FK:3 C)
BA:8 (FK:1 D)
BAB:1 (XA:4 D)
BAB:2 (XA:2 D)
BAB:3 (XA:3 D)
BAB:4 (XA:2 D)
BAB:5 (XA:3 D)
BAB:6 (XA:2 D)
BAB:7 (XB:3 D)
BAB:8 (XA:3 D)
BAB:9 (XA:3 D)
BAB:10 (XB:3 D)
BAB:11 (XB:2 D)
BAB:12 (XB:2 D)
BAB:13 (XB:3 D)
BAB:14 (XB:2 D)
BAB:15 (XB:1 D)
BAB:16 (XB:3 D)
BAB:17 (XB:3 D)
BAB:18 (XB:1 D)
BB1:1 (AA:0 B)
BB1:2 (AE:1 D)
BB1:3 (AE:1 D)
BB1:4 (AE:1 D)
BB1:5 (AE:2 D)
BB1:6 (AE:2 D)
BB2:1 (AE:1 A)
BB2:2 (AE:1 D)
BB2:3 (AE:1 D)
BBM:1 (AA:0 B)
BBM:2 (AA:0 B)
BBM:3 (AA:1 C)
BCD:1 (XA:2 B)
BCD:2 (XA:3 B)
BCD:3 (XB:0 C)
BCD:4 (XA:2 B)
BCD:5 (XA:2 B)
BCD:6 (IS:2 D)
BCD:7 (XA:3 B)
BCD:8 (XA:3 B)
BCD:9 (XB:0 C)
BCD:10 (XA:3 B)
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BCD:12 (IS:2 D)
BCD:13 (XA:2 B)
BCD:14 (XA:4 B)
BL:1 (KM:0 C)
BL:2 (KM:0 D)
BN:1 (FA:2 A)
BN:2 (FA:1 D)
BN:3 (FA:2 D)
BN:4 (FA:2 D)
BN:5 (FA:1 C)
BN:6 (FA:1 C)
BN:7 (FA:1 C)
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BN:17 (FA:1 D)
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BN:18 (FG:0 C)
BN:19 (FA:0 D)
BN:20 (FA:0 D)
BN:21 (FM:0 D)
CA:1 (DQ:0 D)
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CA:3 (DU:1 C)
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CA:5 (GB:3 B)
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CA:11 (EM:2 B)
CA:12 (EM:2 B)
CA:13 (EM:2 B)
CA:14 (EM:2 B)
CA:16 (DU:1 D)
CA:17 (FU:0 C)
CA:18 (FU:0 D)
CA:19 (NC:0 C)
CA:19 (NU:0 C)
CA:20 (NC:1 C)
CA:20 (NU:1 C)
CB:1 (FQ:0 B)
CB:2 (FQ:0 C)
CB:3 (BA:0 D)
CB:4 (BA:0 D)
CC/CJ:1 (IZ:2 B)
CC/CJ:2 (IZ:2 B)
CC/CJ:3 (IZ:1 A)
CC/CJ:4 (IZ:1 B)
CC:1 (DE:3 D)
CC:3 (DE:3 C)
CC:4 (DE:2 C)
CC:5 (DE:3 C)
CC:6 (DE:2 C)
CC:9 (DE:2 C)
CC:10 (DE:2 C)
CC:11 (DE:2 C)
CC:12 (DE:2 D)
CFF:1 (CP:4 B)
CFF:2 (CP:4 B)
CFF:3 (CP:3 C)
CFF:4 (CP:3 C)
CFF:5 (CP:4 C)
CLA:1 (IA:0 B)
CLA:2 (IA:1 B)
CLA:3 (BI:1 C)
CLA:4 (IA:0 D)
CLA:5 (IH:4 D)
CLA:6 (BI:3 D)
CLA:7 (NK:0 D)
CLA:8 (FA:4 D)
CLA:9 (AE:2 C)
CLA:9 (FA:4 D)
CLA:10 (AE:2 C)
CLA:10 (FA:4 D)
CLA:11 (AE:2 C)
CLA:11 (FA:4 D)
CLA:12 (AE:2 C)
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CLA:16 (IS:3 C)
CLA:17 (IS:3 C)
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CLC:1 (HI:0 C)
CLC:2 (HI:0 C)
CLC:3 (HI:0 C)
CLC:4 (HI:2 C)
CLC:6 (HI:2 C)
CLC:7 (HI:3 C)
CLC:8 (HI:1 C)
CLC:9 (HI:1 C)
CLC:10 (HI:4 C)
CLC:11 (HI:3 C)
CLC:12 (HI:2 C)
CLD:1 (IX:0 C)
CLD:2 (IX:0 C)
CLD:3 (IX:1 C)
CLD:4 (IX:1 C)
CLE:1 (IA:1 B)
CLE:2 (IA:3 B)
CLE:3 (BI:1 C)
CLE:4 (IA:1 E)
CLE:5 (IH:4 D)
CLE:6 (BI:3 C)
CLE:7 (NK:0 D)
CLE:8 (IH:4 C)
CLE:9 (AE:1 C)
CLE:9 (FA:2 D)

CLE:10 (AE:1 C)
CLE:10 (FA:2 D)
CLE:11 (AE:1 C)
CLE:11 (FA:3 D)
CLE:12 (AE:1 C)
CLE:12 (FA:3 D)
CLE:13 (FA:3 D)
CLE:14 (FA:3 D)
CLE:15 (FA:3 D)
CLE:16 (FA:3 D)
CLE:17 (IS:2 C)
CLE:18 (IS:2 C)
CLE:20 (BI:3 C)
CLF:1 (IR:1 B)
CLF:2 (IR:1 B)
CLF:3 (IR:1 C)
CLF:4 (IR:1 D)
CLF:5 (IR:0 B)
CLF:6 (IR:0 B)
CLF:7 (IR:0 C)
CLF:8 (IR:0 C)
CLF:9 (IR:0 D)
CLF:10 (DB:2 B)
CLF:10 (DM:1 C)
CLF:11 (DB:1 D)
CLF:11 (DM:0 D)
CLF:12 (DM:0 C)
CLF:13 (XA:3 D)
CLF:14 (XA:3 D)
CLF:15 (XB:3 D)
CLF:16 (XB:2 D)
CLF:17 (FG:1 C)
CLF:18 (XA:4 C)
CLF:19 (XA:2 C)
CLF:20 (XB:1 C)
CLF:21 (XB:3 C)
CLG:1 (EE:0 B)
CLG:1 (EI:0 B)
CLG:1 (EM:0 B)
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CLG:2 (EI:0 B)
CLG:2 (EM:0 B)
CLG:3 (EE:3 B)
CLG:3 (EI:2 B)
CLG:3 (EM:3 B)
CLG:4 (EM:1 B)
CLG:5 (EM:4 B)
CLG:6 (EE:3 B)
CLG:6 (EI:3 B)
CLG:6 (EM:1 B)
CLG:7 (EM:4 B)
CLG:8 (EM:1 B)
CLG:9 (EM:0 B)
CLG:10 (EM:0 B)
CLG:13 (EM:0 D)
CLG:14 (EM:0 D)
CLG:15 (EQ:0 D)
CLG:16 (EQ:0 D)
CLG:17 (EQ:0 D)
CLG:18 (EQ:0 D)
CLG:19 (EQ:2 D)
CLG:20 (EE:4 D)
CLG:20 (EI:4 D)
CLG:20 (EM:2 B)
CLG:21 (EI:0 C)
CLG:21 (EM:0 B)
CLH:1 (FA:3 C)
CLH:1 (FK:2 B)
CLH:2 (FA:4 C)
CLH:2 (FK:2 B)
CLH:3 (FA:2 C)
CLH:3 (FK:2 B)
CLH:4 (FG:0 C)
CLH:4 (FK:2 B)
CLH:5 (FA:2 C)
CLH:5 (FK:2 B)
CLH:6 (FA:4 D)
CLH:6 (FA:2 D)
CLH:7 (FA:2 D)
CLH:7 (FA:4 D)
CLH:8 (FA:3 D)
CLH:8 (FA:4 D)
CLH:9 (FA:3 D)
CLH:9 (FA:4 D)
CLH:10 (FA:3 D)
CLH:10 (FA:4 D)
CLH:11 (FA:3 D)
CLH:11 (FA:4 D)
CLH:12 (FA:3 D)
CLH:13 (FM:0 C)
CLH:14 (FG:0 C)
CLH:15 (FG:0 C)
CLH:16 (FA:3 C)
CLH:17 (FA:3 C)
CLH:18 (FG:0 C)
CLH:19 (FG:1 C)
CLH:20 (FA:3 C)
CLH:21 (FA:3 D)
CLI:1 (EM:0 C)
CLI:2 (EM:0 C)
CLI:3 (EM:0 C)
CLI:4 (EM:0 C)
CLI:5 (EM:2 B)
CLI:6 (EM:2 B)
CLI:7 (EM:2.B)
CLI:8 (EM:2 B)
CLI:9 (EQ:1 C)
CLI:10 (EQ:1 C)
CLI:11 (EQ:1 C)
CLI:12 (EQ:1 C)
CLK:1 (NR:1 A)
CLK:2 (NR:1 C)
CLK:3 (NR:1 C)
CLK:4 (NR:1 B)
CUA:1 (GA:1 C)
CUA:2 (GA:4 C)
CUA:3 (IH:1 B)
CUA:4 (IH:0 B)
CUA:5 (IH:3 B)
CUA:6 (IH:3 C)
CUA:7 (IQ:0 B)
CUA:8 (KM:0 C)
CUA:9 (NI:1 B)
CUA:10 (NI:1 B)
CUA:11 (KI:1 C)
CUA:12 (IH:3 C)
CUA:13 (IU:2 D)
CUA:14 (IU:2 D)
CUA:15 (IU:2 D)
CUA:16 (IU:2 D)
CUA:17 (HI:1 C)
CUA:18 (HI:1 B)
CUA:18 (HM:3 C)
CUA:19 (HM:3 C)
CUA:20 (HI:1 C)
CUA:20 (HM:4 C)
CUA:21 (GB:0 B)
CUB/TACH:1 (BM:1 B)
CUB/TACH:2 (BM:3 C)
CUB/TACH:3 (BM:1 B)
CUB/TACH:4 (BM:2 B)
CUB/TACH:5 (BM:3 B)
CUB/TACH:6 (BM:3 C)
CUB/TACH:7 (BM:2 C)
CUB/TACH:8 (BM:2 C)
CUB/TACH:9 (BM:2 C)
CUB/TACH:10 (BM:2 C)
CUB/TACH:11 (IU:0 B)
CUB/TACH:12 (KI:1 C)
CUB/TACH:13 (IM:0 B)
CUB/TACH:14 (HI:2 B)
CUB/TACH:14 (HM:2 B)
CUB/TACH:15 (HI:1 B)
CUB/TACH:15 (HM:2 B)
CUB/TACH:18 (IH:3 A)
CUB:1 (BN:1 A)
CUB:2 (BN:3 C)
CUB:3 (BN:1 A)
CUB:4 (BN:2 A)
CUB:5 (BN:3 A)
CUB:6 (BN:3 C)
CUB:7 (BN:2 C)
CUB:8 (BN:2 C)
CUB:9 (BN:2 C)
CUB:10 (BN:2 C)
CUB:11 (BN:3 C)
CUB:12 (KI:1 B)
CUB:13 (IM:0 B)
CUB:14 (HI:2 C)
CUB:14 (HM:2 B)
CUB:15 (HI:1 A)
CUB:15 (HM:2 B)
CUB:16 (GC:2 A)
CUB:17 (GC:3 B)
CUB:18 (IH:3 B)
CUB2/CUB:11 (BN:3 C)
CUB2/CUB:12 (KI:1 B)
CUB2/CUB:13 (IM:0 B)
CUB2/CUB:14 (HI:2 C)
CUB2/CUB:14 (HMI:2 C)
CUB2/CUB:15 (HI:1 A)
CUB2/CUB:15 (HM:2 A)
CUB2/CUB:18 (IH:3 B)
CUC:1 (IH:3 C)
CUC:2 (IH:3 C)
CUC:3 (IH:1 B)
CUC:4 (IH:0 B)
CUC:5 (IH:3 B)
CUC:6 (IQ:1 C)
CUC:7 (IQ:0 C)
CUC:8 (IQ:1 C)
CUC:9 (IU:2 D)
CUC:10 (IU:2 D)
CUC:11 (IU:2 D)
CUC:12 (IU:2 D)
CUC:13 (HI:1 B)
CUC:14 (HI:1 B)
CUC:14 (HM:3 B)
CUC:15 (HM:3 B)
CUC:16 (HI:1 B)
CUC:16 (HM:4 B)

CUC:17 (IH:3 B)
CUC:18 (HI:0 D)
CUC:19 (HI:3 B)
CUC:19 (HMI:3 B)
CUC:20 (HI:3 C)
CUC:20 (HM:3 B)
CUC:21 (HI:2 A)
CUC:21 (HM:3 B)
CUD:1 (IH:1 B)
CUD:2 (IH:1 B)
CUD:3 (IH:1 D)
CUE:1 (IH:0 B)
CUE:3 (IH:0 D)
CUF:1 (HM:3 C)
CUF:2 (HM:3 C)
CUG:1 (NK:2 C)
CUG:2 (NK:2 C)
CUG:4 (NK:3 C)
CUG:5 (NK:3 C)
DDA:1 (IM:1 C)
DDA:2 (IE:0 B)
DDA:3 (IE:1 B)
DDA:4 (IE:2 B)
DDA:5 (IH:2 C)
DDA:6 (IE:3 B)
DDA:7 (IM:1 C)
DDA:8 (IM:1 C)
DDA:9 (IM:1 C)
DDA:10 (IU:1 D)
DDA:11 (IU:1 D)
DDA:12 (IH:2 C)
DDA:13 (IE:0 C)
DDA:14 (IE:1 C)
DDA:15 (IE:1 C)
DDB:1 (IE:1 C)
DDB:2 (IE:2 C)
DDB:3 (IE:2 C)
DDB:4 (IE:0 C)
DDB:5 (IE:0 B)
DDB:6 (IE:0 B)
DDB:7 (IE:1 B)
DDB:8 (IE:2 B)
DDB:9 (IE:2 B)
DP:1 (BU:0 A)
DP:2 (BU:0 A)
DP:3 (BU:1 D)
DP:4 (BU:0 D)
DP:5 (BU:0 D)
DP:6 (BU:0 D)
DP:7 (BU:1 D)
DP:8 (BU:1 D)
DP:9 (BU:1 D)
DP:10 (BU:1 D)
DP:11 (BU:1 D)
DP:12 (BU:1 D)
DPA:1 (IM:2 C)
DPA:3 (IE:3 B)
DPA:4 (IE:3 B)
DPA:5 (IH:2 C)
DPA:6 (IE:3 B)
DPA:7 (IM:2 C)
DPA:8 (IM:2 C)
DPA:9 (IM:2 C)
DPA:10 (IU:1 D)
DPA:11 (IU:2 D)
DPA:12 (IH:2 C)
DSL:1 (NU:2 C)
DSL:2 (NU:2 D)
DSR:1 (NU:2 C)
DSR:2 (NU:2 D)
DZ:1 (BU:0 B)
DZ:2 (BU:0 B)
DZ:3 (BU:1 B)
E03L-:1 (NI:0 D)
E03L+:1 (NI:0 C)
E03R-:1 (NI:0 D)
E03R+:1 (NI:0 C)
EA:1 (AA:3 D)
EA:1 (AE:3 D)
EA:1 (CS:1 B)
EA:2 (AA:3 D)
EA:2 (AE:3 D)
EA:2 (CS:1 B)
EA:3 (CS:2 B)
EA:3 (HG:0 D)
EA:3 (HY:2 D)
EA:4 (AA:1 D)
EA:4 (CS:1 B)
EM:1 (CM:1 D)
EM:1 (CO:1 B)
EM:1 (CS:3 B)
EM:2 (CM:2 D)
EM:2 (CO:2 B)
EM:2 (CS:3 B)
EM:3 (CM:2 D)
EM:3 (CO:2 B)
EM:3 (CS:3 B)
EM:4 (CM:1 D)
EM:4 (CO:1 B)
EM:4 (CS:3 B)
EM:5 (CM:1 D)
EM:5 (CO:2 B)
EM:5 (CS:3 B)
EM:6 (CM:2 D)
EM:6 (CO:3 B)
EM:6 (CS:2 B)
EM:7 (CM:3 D)
EM:7 (CO:4 B)
EM:8 (CS:2 B)
EM:9 (CM:1 D)
EM:9 (CO:1 B)
EM:9 (CS:3 B)
EM:10 (CM:0 D)
EM:10 (CO:3 B)
EM:10 (CS:3 D)
EM:11 (CM:2 D)
EM:11 (CO:0 B)
EM:12 (CM:0 D)
EM:12 (CO:4 B)
EM:12 (CS:2 B)
EMB:1 (IF:0 D)
EMB:2 (IF:1 D)
EPR:1 (CM:2 B)
EPR:3 (CM:3 B)
EPR:4 (CM:2 C)
EQ:1 (EQ:1 D)
EQ:2 (EQ:1 D)
EQ:3 (EQ:1 D)
EQ:4 (EQ:1 D)
FA:1 (BI:4 B)
FA:2 (FA:2 B)
FA:3 (FA:2 B)
FA:4 (GB:2 C)
FA:5 (GA:2 C)
FA:5 (NI:1 A)
FA:6 (BA:0 C)
FA:7 (BI:1 C)
FA:8 (GA:4 C)
FA:8 (NA:0 A)
FA:8 (NR:0 A)
FA:9 (GB:3 D)
FA:9 (NA:0 A)
FA:9 (NR:0 A)
FA:10 (GC:2 B)
FA:10 (NA:0 A)
FA:10 (NR:0 A)
FA:10 (NU:2 B)
FA:11 (GB:0 A)
FA:11 (NA:2 A)
FA:11 (NR:1 A)
FA:12 (BA:12 D)
FA:13 (GQ:2 C)
FA:14 (AA:1 B)
FA:15 (GB:2 D)
FA:16 (ME:0 C)
FA:16 (NA:1 D)
FA:16 (NR:2 D)
FA:17 (ME:0 C)
FA:17 (NA:2 D)
FA:17 (NR:3 D)
FA:18 (ME:0 C)
FA:19 (ME:1 C)
FA:19 (NA:3 D)
FA:19 (NR:3 D)
FA:20 (MA:1 C)
FA:21 (MA:1 C)
FB:1 (KI:1 A)
FB:3 (IZ:2 A)
FE:1 (IF:1 A)
FE:1 (ME:1 B)
FE:1 (NC:0 B)
FE:1 (NU:0 A)
FE:2 (IF:1 A)
FE:2 (ME:1 B)
FE:2 (NC:0 B)
FE:2 (NU:0 A)
FE:3 (IF:1 A)
FE:3 (ME:1 B)
FE:3 (NC:0 B)
FE:3 (NU:0 A)
FE2:1 (IF:2 A)
FE2:1 (NC:0 B)
FE2:1 (NU:0 B)
FE2:2 (IF:2 A)
FE2:2 (NC:0 B)
FE2:2 (NU:0 B)
FE2:3 (IF:1 A)
FE2:3 (NC:0 B)
FE2:3 (NU:0 B)
FL:1 (GA:2 D)
FL:2 (GA:2 C)
FL:3 (GA:2 C)
FL:4 (NK:3 D)
FL:5 (NK:3 D)
FL:6 (GA:2 C)
FL:7 (GA:2 C)
FL:8 (GA:1 C)
FL:9 (GA:3 C)
FL:10 (GQ:1 C)
FL:11 (GQ:1 B)
FL:12 (GQ:1 B)

FL:13 (GU:0 D)
FL:14 (GU:0 D)
FL:15 (GU:0 D)
FL:16 (GQ:1 C)
FL:21 (KA:0 C)
FL:25 (GA:2 D)
FR:1 (GA:3 D)
FR:2 (GA:3 C)
FR:3 (GA:3 C)
FR:4 (NK:3 D)
FR:5 (NK:4 D)
FR:6 (GA:2 C)
FR:7 (GA:3 C)
FR:8 (GA:4 C)
FR:9 (GA:3 C)
FR:10 (GM:0 C)
FR:11 (GM:0 C)
FR:13 (GU:1 D)
FR:14 (GU:1 D)
FR:15 (GU:1 D)
FR:16 (GM:1 C)
FR:21 (KA:0 C)
FR:25 (GA:3 D)
FS:1 (KI:1 D)
FS:2 (KI:1 D)
FT:1 (IR:0 D)
FT:2 (IR:0 D)
FT:3 (IR:1 D)
GA:1 (GB:3 D)
GA:2 (BA:1 C)
GA:2 (BI:1 D)
GA:3 (BI:1 C)
GA:4 (BA:1 B)
GA:5 (BA:0 B)
GA:6 (BA:0 C)
GA:7 (BA:0 C)
GB:1 (BI:2 C)
GB:2 (BI:2 D)
GB:3 (BM:2 D)
GB:4 (BM:2 D)
GB:5 (BM:2 D)
GB:6 (BM:2 D)
GC:1 (DE:0 B)
GC:2 (DE:0 B)
GC:3 (DE:0 B)
GC:4 (DE:0 B)
GC:7 (DE:2 B)
GC:8 (DE:2 B)
GC:10 (DE:3 E)
GC:11 (DE:0 B)
GC:12 (DE:0 C)
IDA:1 (GA:1 C)
IDB:1 (GA:0 D)
IS:1 (DE:3 B)
IS:2 (DE:3 B)
IS:3 (DE:2 C)
IS:4 (DE:2 C)
JV/JC:1 (GC:1 B)
JV/JC:2 (KA:1 D)
JV/JC:3 (DQ:1 B)
JV/JC:4 (AE:3 B)
JV/JC:5 (AE:3 B)
JV/JC:6 (AE:3 B)
JV/JC:7 (AE:3 D)
JV/JC:8 (HI:3 D)
JV/JC:9 (BA:0 C)
JV/JC:10 (FU:0 D)
JV/JC:11 (BA:3 C)
JV/JC:12 (BA:3 D)
JV/JC:13 (IM:2 C)
JV/JC:14 (BA:0 C)
JV/JC:15 (BU:0 B)
JV/JC:16 (IM:2 A)
JV/JC:17 (HP:0 D)
JV/JC:18 (KM:1 C)
JV/JC:19 (BI:2 D)
JV/JC:20 (BU:0 B)
JV/JC:21 (IX:2 B)
KV/KC:1 (GB:0 B)
KV/KC:2 (GB:0 B)
KV/KC:3 (GB:0 B)
LI:1 (FG:0 B)
LI:2 (FG:0 B)
LI:3 (FG:0 B)
LI:4 (FG:0 B)
LI:5 (FG:1 B)
LI:6 (FG:1 B)
MA:1 (CS:2 A)
MA:1 (HG:0 C)
MA:1 (HY:2 D)
MA:2 (AA:1 D)
MA:2 (CS:1 A)
MA:3 (CS:3 A)
MA:3 (XB:0 B)
MA:4 (CS:3 A)
MA:4 (XB:0 B)
MA:5 (CS:3 A)
MA:5 (XA:0 B)
MA:6 (CS:3 A)
MA:6 (XA:1 B)
MA:7 (CM:2 C)
MA:7 (CS:2 A)
MA:8 (CM:2 C)
MA:9 (AA:3 D)
MA:9 (AE:3 D)
MA:11 (CM:1 C)
MA:11 (CS:3 A)
MA:12 (CM:0 C)
MA:12 (CS:4 A)
MA:13 (AA:3 D)
MA:13 (AE:4 C)
MA:13 (CS:1 A)
MA:14 (CM:3 C)
MA:15 (BA:0 D)
MA:15 (CP:2 B)
MA:15 (CS:3 A)
MA:16 (BI:0 D)
MA:16 (CS:1 A)
MA:17 (CU:0 B)
MA:19 (CP:2 B)
MA:19 (CS:2 B)
MA:20 (CP:2 B)
MA:20 (CS:2 A)
MB:1 (DN:0 B)
MB:1 (BI:2 D)
MB:2 (BA:0 C)
MB:2 (DN:1 B)
MB:3 (DN:1 B)
MB:4 (BA:1 B)
MB:4 (DN:1 B)
MB:5 (BI:2 C)
MB:6 (DN:0 B)
MB:7 (DN:0 B)
MB:8 (BA:1 C)
MB:8 (BI:1 D)
MB:8 (DN:0 B)
MB:9 (BA:0 B)
MB:9 (DN:0 B)
MB:14 (BI:1 C)
MB:15 (GB:3 D)
MB:16 (BA:0 C)
MC:1 (EM:0 D)
MC:2 (EM:0 D)
MC:3 (EM:0 D)
MC:4 (EM:0 D)
MP:1 (CO:3 C)
MT:1 (CS:1 C)
MT:2 (CS:1 C)
MT:3 (CS:3 D)
MT:5 (CS:2 D)
MT:6 (CS:2 D)
MT:7 (CS:2 D)
MT:8 (CS:2 D)
MT:9 (CS:4 B)
MT:10 (CS:4 B)
OH:1 (GC:1 C)
OH:2 (GC:2 C)
OH:3 (GC:1 C)
OH:4 (GC:2 C)
OH:9 (GC:1 C)
OH:13 (GC:1 C)
OH:14 (GC:2 C)
OH:17 (GC:1 C)
OH:18 (GC:2 C)
OH:24 (GC:1 E)
PAS:1 (BI:1 C)
PAS:1 (FP:0 C)
PAS:2 (FP:1 C)
PAS:3 (FP:1 C)
PAS:6 (BI:1 D)
PH:1 (HM:0 B)
PH:1 (HP:0 B)
PH:2 (HM:0 B)
PH:2 (HP:0 C)
PH:3 (HM:2 B)
PH:3 (HP:0 D)
PH:4 (HM:1 B)
PH:5 (HM:2 B)
PH:6 (HM:3 C)
PH:7 (HM:2 D)
PH:8 (HM:0 D)
PH:9 (HM:0 D)
PH:10 (HM:3 D)
PL:1 (NC:3 C)
PL:2 (NA:1 C)
PL:2 (NR:1 C)
PL:3 (NA:1 C)
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PL:5 (NR:1 C)
PL:6 (NA:2 C)
PL:6 (NR:3 C)
PL:7 (NC:1 C)
PL:7 (NU:1 C)
PL:8 (NA:4 C)
PL:8 (NR:1 C)
PL:9 (NC:1 C)
PL:9 (NU:1 C)
PL:10 (NC:2 C)

PL:10 (NU:2 C)
PL:11 (NA:0 C)
PL:11 (NR:0 C)
PL:12 (NA:0 C)
PL:12 (NR:0 C)
PL:13 (NC:1 C)
PL:13 (NU:1 C)
PL:14 (NC:1 C)
PL:14 (NU:1 C)
PL:15 (NC:2 C)
PL:15 (NU:2 C)
PL:16 (NC:2 C)
PL:16 (NU:2 C)
PL:17 (NC:2 C)
PL:17 (NU:2 C)
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PL:20 (NU:2 C)
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PL:21 (NU:3 C)
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PS:3 (DI:0 C)
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PS:6 (DI:0 C)
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PS:8 (DI:1 C)
PS:9 (DI:1 C)
PS:14 (DI:1 C)
PS:15 (DI:1 C)
PS:16 (DI:1 C)
PS:17 (DI:1 C)
PS:18 (DI:1 C)
PS:19 (DI:1 C)
PS:20 (DI:1 C)
PS:21 (DI:1 C)
PS:1 (DI:0 C)
PS:2 (DI:0 C)
PS:3 (DI:0 C)
PS:4 (DI:0 C)
PS:5 (DI:0 C)
PS:6 (DI:0 C)
PS:7 (DI:1 C)
PS:8 (DI:1 C)
PS:9 (DI:1 C)
PS:14 (DI:1 C)
PS:15 (DI:1 C
PS:16 (DI:1 C)
PS:17 (DI:1 C)
PS:18 (DI:1 C)
PS:19 (DI:1 C)
PS:20 (DI:1 C)
PS:21 (DI:1 C)
PT:1 (DE:0 B)
PT:2 (DE:0 B)
PT:3 (DE:0 B)
PT:4 (DE:0 B)
PT:6 (DE:0 B)
PT:7 (DE:0 C)
PW:1 (AA:0 B)
PW:2 (AE:2 D)
PW:3 (AE:1 C)
PW:4 (AE:1 C)
PW:5 (AE:1 D)
PW:6 (AE:1 D)
PW:7 (AE:2 C)
PW:8 (AE:2 C)
PW:9 (BI:2 D)
PW:10 (BI:2 C)
PW:11 (BI:2 C)
PW:12 (AA:0 B)
PW:15 (CM:3 B)
PW:16 (CM:2 B)
PW:17 (CM:2 C)
PW:18 (AA:3 D)
PW:19 (IQ:3 C)
PW:20 (IQ:3 D)
RA:1 (GC:1 E)
RA:2 (GC:1 B)
RA:3 (GC:1 B)
RA:4 (GC:1 B)
RA:5 (GC:2 B)
RA:6 (GC:2 B)
RA:7 (GC:1 B)
RA:8 (GC:1 B)
RA:9 (GC:2 B)
RA:10 (GC:2 B)
RA:12 (BI:2 C)
RA:13 (BI:2 D)
RA:14 (DU:3 C)
RA:15 (HI:0 C)
RA:15 (HM:0 D)
RA:16 (HI:0 C)
RA:16 (HM:0 D)
RA:17 (DU:3 C)
RC:2 (GB:1 D)
RC:2 (GK:0 A)
RC:3 (GB:2 D)
RC:3 (GK:1 A)
RC:4 (GB:1 D)
RC:4 (GK:1 A)
RC:5 (GB:2 D)
RC:5 (GK:1 A)
RC:6 (GB:2 D)
RC:6 (GK:1 A)
RC:7 (ME:0 C)
RC:9 (ME:0 C)
RC:10 (GB:2 D)
RC:10 (GK:1 A)
RC:11 (ME:0 C)
RC:12 (ME:1 C)
RC:14 (GC:4 B)
RC:17 (ME:1 C)
RC:18 (ME:1 C)
RC:19 (GK:1 A)
RC:19 (KE:0 C)
RC:20 (GK:1 A)
RC:20 (KE:0 D)
RC:21 (CP:3 B)
RC:21 (GK:1 A)
REF:1 (IQ:3 C)
REF:2 (IQ:3 D)
REV:1 (NU:2 C)
RP:1 (DI:2 C)
RP:2 (DI:2 C)
RP:3 (DI:2 C)
RP:4 (DI:2 C)
RP:5 (DI:2 C)
RP:6 (DI:2 C)
RP:7 (DI:2 C)
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RT:2 (DM:2 C)
RT:3 (DM:2 C)
RT:4 (DM:2 C)
RT:5 (DM:2 C)
RT:6 (DM:3 C)
RT:7 (DM:3 C)
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SI:1 (EC:1 C)
SI:1 (GK:3 A)
SI:2 (EC:0 C)
SI:2 (GK:3 A)
SI:4 (EM:0 D)
SI:4 (GK:4 A)
SI:5 (EM:0 D)
SI:5 (GK:4 A)
SLF:1 (NI:0 C)
SLF:2 (NI:0 D)
SLR:1 (NI:1 C)
SLR:2 (NI:1 D)
SMF:1 (GC:3 C)
SMF:2 (GC:0 C)
SMF:4 (GC:3 E)
SMO:1 (GC:2 C)
SMO:2 (GC:1 C)
SMO:4 (GC:1 D)
SMR:1 (GC:3 C)
SMR:2 (GC:0 C)
SMR:4 (GC:3 E)
SP:1 (BM:2 D)
SP:2 (BM:2 D)
SP:3 (BM:2 D)
SP:4 (BM:2 C)
ST:1 (CP:3 B)
ST:1 (EC:2 C)
ST:1 (GK:3 A)
ST:2 (CP:3 B)
ST:3 (CP:3 B)
SW:1 (EE:0 C)
SW:1 (EI:0 C)
SW:1 (EM:1 C)
SW:2 (EE:0 C)
SW:2 (EI:0 C)
SW:2 (EM:1 C)
SW:3 (EE:0 D)
SW:3 (EI:1 C)
SW:3 (EM:1 C)
SW:4 (EE:1 C)
SW:4 (EI:1 C)
SW:4 (EM:1 C)
SW:5 (EE:1 C)
SW:5 (EI:1 C)
SW:5 (EM:1 C)
SW:6 (EE:1 D)
SW:6 (EI:1 C)
SW:6 (EM:1 C)
SW:7 (EE:2 C)
SW:7 (EI:2 C)
SW:7 (EM:2 C)
SW:8 (EE:2 C)
SW:8 (EI:2 C)
SW:8 (EM:2 C)
SW:9 (EE:2 D)
SW:9 (EI:2 C)
SW:9 (EM:3 C)
SW:10 (EE:3 C)
SW:10 (EI:3 C)
SW:10 (EM:4 C)

SW:11 (EE:3 C)
SW:11 (EI:3 C)
SW:12 (EE:3 D)
SW:12 (EI:3 C)
SW:13 (EE:0 C)
SW:13 (EI:0 C)
SW:14 (EE:0 C)
SW:14 (EI:0 C)
SW:15 (EE:1 C)
SW:15 (EI:1 C)
SW:16 (EE:1 C)
SW:16 (EI:1 C)
SW:17 (EE:2 C)
SW:17 (EI:2 C)
SW:18 (EE:2 C)
SW:18 (EI:2 C)
SW:19 (EE:3 C)
SW:19 (EI:3 C)
SW:20 (EE:3 C)
SW:20 (EI:3 C)
SX:1 (GK:2 C)
SX:1 (ME:0 D)
SX:2 (ME:0 D)
SX:3 (EC:0 D)
SX:3 (GK:3 C)
SX:4 (GB:2 D)
SX:4 (GK:2 C)
SX:5 (GC:4 C)
SX:6 (GB:2 D)
SX:6 (GK:2 C)
SX:7 (EM:0 D)
SX:7 (GK:3 C)
SX:8 (EM:0 D)
SX:8 (GK:3 C)
SX:10 (GB:1 D)
SX:10 (GK:2 C)
SX:11 (GB:2 D)
SX:11 (GK:2 C)
SX:12 (GB:1 D)
SX:12 (GK:2 C)
SX:15 (EC:1 D)
SX:15 (GK:3 C)
SX:18 (GB:2 D)
SX:20 (ME:1 D)
SX:21 (ME:1 D)
SX:24 (GB:3 D)
SX:24 (GK:3 C)
SX:25 (ME:0 D)
SX:29 (ME:1 D)
SX:30 (EC:2 D)
SX:30 (GK:3 C)
SX:31 (EC:1 D)
SX:31 (GK:2 C)
TA:1 (GA:2 D)
TA:2 (GA:2 C)
TA:3 (GA:2 C)
TA:4 (KA:0 C)
TA:5 (NK:3 C)
TA:6 (GA:2 C)
TA:7 (GA:2 C)
TA:8 (GA:1 C)
TA:9 (GA:3 C)
TA:10 (GQ:1 C)
TA:11 (GQ:1 B)
TA:12 (GA:2 D)
TA:13 (GU:0 C)
TA:14 (GU:0 C)
TA:15 (GU:0 C)
TA:16 (GQ:1 C)
TA:17 (NK:3 C)
TB:1 (GA:3 D)
TB:2 (GA:3 C)
TB:3 (GA:3 C)
TB:4 (KA:0 C)
TB:5 (NK:3 C)
TB:6 (GA:2 C)
TB:7 (GA:3 C)
TB:8 (GA:4 C)
TB:9 (GA:3 C)
TB:10 (GM:0 C)
TB:11 (GM:0 C)
TB:12 (GA:3 D)
TB:13 (GU:1 C)
TB:14 (GU:1 C)
TB:15 (GU:1 C)
TB:16 (GM:1 C)
TB:17 (NK:4 C)
TB:19 (GQ:2 B)
TB:20 (GQ:2 C)
TD:1 (IE:0 C)
TD:2 (IE:0 D)
TD:3 (IE:0 C)
TD:4 (IE:1 C)
TD:5 (IE:1 C)
TD:6 (BI:2 C)
TD:7 (BI:2 D)
TD:8 (GM:3 D)
TD:9 (GM:3 C)
TD:10 (GM:3 C)
TD:11 (GM:2 C)
TD:12 (GM:2 C)
TD:13 (GQ:0 B)
TD:13 (NU:2 C)
TD:14 (GQ:0 C)
TD:14 (NU:2 D)
TD:15 (IE:1 C)
TD:16 (IE:1 D)
TD:17 (IE:1 C)
TD:18 (IE:2 C)
TD:19 (IE:2 C)
TS:1 (FG:0 B)
TS:2 (FG:0 B)
TS:3 (FG:0 B)
TS:4 (FG:0 B)
TS:5 (FG:1 B)
TS:6 (FG:1 B)
X02:1 (EC:2 D)
X02:1 (GK:3 E)
X02:2 (EC:1 D)
X02:2 (GK:3 E)
X02:3 (EC:1 D)
X02:3 (GK:3 E)
X02:4 (EC:1 D)
X02:4 (GK:3 E)
X02:5 (EC:0 D)
X02:5 (GK:3 E)
X02:6 (EM:0 E)
X02:6 (GK:3 E)
X02:7 (EM:0 E)
X02:7 (GK:3 E)
X03:1 (GB:2 E)
X03:2 (GB:2 E)
X03:3 (GC:4 E)
X03:4 (GB:3 E)
X03:5 (GB:1 E)
X03:6 (GB:2 E)
X03:7 (GB:1 E)
X03:8 (GB:2 E)
X03:9 (ME:0 D)
X03:10 (ME:0 D)
X03:11 (ME:0 D)
X03:12 (ME:1 D)
X03:13 (GB:3 E)
X03:14 (ME:1 D)
X03:15 (ME:1 D)
X04:1 (EC:1 E)
X04:1 (GK:2 E)
X04:2 (GB:1 E)
X04:2 (GK:2 E)
X04:3 (GB:2 E)
X04:3 (GK:2 E)
X04:4 (GB:1 E)
X04:4 (GK:2 E)
X04:5 (GB:2 E)
X04:5 (GK:2 E)
X04:6 (GB:2 E)
X04:6 (GK:2 E)
X04:7 (GK:2 E)
X04:7 (ME:0 D)
X05:1 (EC:2 E)
X05:2 (ME:0 D)
X05:3 (GB:2 E)
X05:4 (ME:0 D)
X05:5 (ME:1 D)
X05:7 (GC:4 E)
X06:1 (NC:3 D)
X06:2 (NA:1 D)
X06:2 (NR:1 D)
X06:3 (NA:1 D)
X06:3 (NR:1 D)
X06:4 (NA:1 D)
X06:4 (NR:2 D)
X06:5 (NA:1 D)
X06:5 (NR:1 D)
X06:6 (NA:2 D)
X06:6 (NR:3 D)
X06:7 (NC:1 D)
X06:7 (NU:1 D)
X06:8 (NA:4 C)
X06:8 (NR:1 D)
X06:9 (NC:1 D)
X06:9 (NU:1 D)
X06:10 (NC:2 D)
X06:10 (NU:2 D)
X06:11 (NA:0 D)
X06:11 (NR:0 D)
X06:12 (NA:0 D)
X06:12 (NR:0 D)
X06:13 (NC:1 D)
X06:13 (NU:1 D)
X06:14 (NC:1 D)
X06:14 (NU:1 D)
X06:15 (NC:2 D)
X06:15 (NU:2 D)
X06:16 (NC:2 D)
X06:16 (NU:2 D)
X06:17 (NC:2 D)
X06:17 (NU:2 D)
X06:18 (NA:3 D)
X06:18 (NR:3 D)
X06:19 (NA:3 D)

X06:19 (NR:2 E)
X06:20 (NC:2 D)
X06:20 (NU:2 D)
X06:21 (NC:3 D)
X06:21 (NU:3 D)
X06:22 (NC:3 D)
X06:24 (NA:3 D)
X06:24 (NR:2 D)
X06:30 (NA:3 D)
X06:31 (NA:4 D)
X15:1 (GK:2 C)
X15:2 (GK:2 C)
X15:3 (GK:2 C)
X15:4 (GK:2 C)
X15:5 (GK:2 C)
X15:6 (GK:2 C)
X15:7 (GK:2 C)
XA:1 (GB:1 B)
XA:2 (GB:1 B)
XA:3 (GB:1 B)
XA:4 (GB:1 B)
XA:5 (GB:1 B)
XA:6 (GB:2 B)
XA:7 (GB:2 B)
XA:8 (GB:2 B)
XA:9 (GB:2 B)
XA:10 (GB:1 B)
XA:11 (GB:1 B)
XA:12 (GB:1 B)
XA:13 (GB:1 B)
XA:14 (GB:1 B)
XA:15 (GB:2 B)
XA:16 (GB:2 B)
XA:17 (GB:2 B)
XA:18 (GB:2 B)
XC:1 (BM:2 C)
XC:2 (IS:0 D)
XC:3 (IH:2 C)
XC:4 (HP:0 E)
XC:5 (HG:0 D)
XC:5 (HY:2 D)
XC:6 (BU:2 C)
XC:7 (BM:1 E)
XC:8 (AE:2 C)
XC:8 (NK:1 D)
XC:9 (DB:1 E)
XC:9 (DM:0 E)
XC:10 (HP:1 E)
XC:11 (BU:0 B)
XC:12 (KI:1 C)
XD:1 (BU:0 B)
XD:2 (CU:1 D)
XD:4 (EE:4 D)
XD:4 (EI:4 D)
XD:4 (EM:2 B)
XD:5 (DU:2 E)
XD:5 (EI:0 D)
XD:5 (EM:0 C)
XD:6 (FA:3 D)
XD:6 (FK:0 C)
XD:6 (FM:1 D)
XD:8 (IX:2 D)
XD:9 (BA:1 C)
XD:9 (BI:1 E)
XD:10 (IS:1 D)
XD:11 (AA:1 D)
XD:12 (NC:0 B)
XD:12 (NU:2 D)
XE:1 (AA:2 D)
XF:1 (FA:4 B)
XF:2 (FQ:1 B)
XF:3 (ME:3 B)
XF:4 (KE:0 C)
XF:5 (FQ:0 B)
XF:6 (FQ:1 B)
XF:7 (KE:0 C)
XF:8 (KE:0 C)
XF:9 (AA:3 C)
XF:9 (AE:3 D)
XF:10 (FA:4 B)
XF:12 (KE:0 B)
XF:13 (BA:0 B)
XF:15 (FA:4 B)
XF:18 (ME:4 A)
XG:1 (AA:1 A)
XH:1 (AA:2 A)
XJ:1 (GM:2 C)
XJ:2 (GM:1 D)
XJ:3 (HG:0 B)
XJ:4 (GQ:1 A)
XJ:6 (HG:0 B)
XJ:7 (GQ:2 A)
XJ:8 (IM:1 B)
XJ:9 (IM:1 B)
XJ:10 (GA:0 B)
XJ:11 (IM:0 B)
XJ:12 (BA:1 B)
XJ:13 (GA:0 B)
XJ:14 (IH:1 B)
XJ:15 (BA:0 B)
XJ:16 (IH:2 B)
XJ:17 (IH:1 B)
XJ:18 (IH:2 B)
XK:1 (BA:0 B)
XK:2 (HY:0 B)
XK:3 (GM:3 B)
XK:4 (BA:0 B)
XK:5 (HY:0 B)
XK:6 (GM:1 D)
XK:7 (BA:0 A)
XK:8 (BA:0 B)
XK:9 (DB:1 B)
XK:9 (DM:1 B)
XK:10 (HY:0 B)
XK:11 (DB:1 B)
XK:11 (DM:0 B)
XK:12 (DB:1 B)
XK:12 (DM:1 B)
XK:13 (HY:0 B)
XK:14 (IQ:1 B)
XK:15 (IQ:2 B)
XK:16 (HY:1 B)
XK:17 (CU:0 B)
XK:18 (CU:0 B)
XL:1 (BA:1 B)
XL:2 (IH:4 B)
XL:3 (BA:1 B)
XL:5 (BA:1 B)
XL:6 (BA:1 B)
XL:7 (DB:0 B)
XL:7 (DM:0 B)
XL:8 (BI:0 B)
XL:9 (BI:0 B)
XL:10 (DB:1 B)
XL:10 (DM:0 B)
XL:11 (BI:0 B)
XL:12 (BA:1 B)
XL:13 (DQ:0 B)
XL:14 (DU:1 B)
XL:15 (BA:1 D)
XL:16 (BA:1 D)
XL:17 (BA:1 D)
XL:18 (BA:1 D)
XM:1 (AA:1 C)
XM:2 (AA:1 C)
XM:3 (AA:1 C)
XM:4 (AA:1 C)
XM:5 (AA:2 C)
XM:6 (AA:3 C)
XM:7 (AA:3 C)
XM:8 (AA:3 C)
XM:9 (AA:3 C)
XM:10 (AA:3 C)
XM:11 (AA:2 B)
XM:12 (BI:3 B)
XM:13 (AA:2 B)
XM:14 (AA:2 B)
XM:15 (BI:3 B)
XM:16 (AA:2 B)
XM:17 (AA:2 B)
XM:18 (BI:3 B)
XO:1 (AA:1 A)
XS:1 (AA:2 A)
XT:1 (AA:1 A)

List of components

A01 Fuse and Relay Centre (1000)
A02P Fuse holder, 6–fuses (ME:2 C) (1000)
A02x Fuse holder, 6–fuses (ME:3 C) (1000)
A03 Instrument cluster (BI:0 B) (1000)
A04A Refrigerator (IQ:3 C) (1007B)
A04B Refrigerator (IQ:3 C) (1460)
A05 Display, FMS (Fleet Management System) (BU:2 D/IZ:0 D) (1000)
A06L El. adjustable seat (IA:2 B) (1007A)
A06R El. adjustable seat (IA:0 B) (1007B)
A07 Radio (IU:0 B) (1000)
A08 Control unit, GPS receiver (Global Positioning System) (BU:2 D) (1000)
A09 Telephone (IX:0 C) (1000)
A10 CD player (IU:3 B)
A11 Control unit, door lock (IM:1 B) (1000)
A12A Control unit, ABS (Anti-lock Brake System) (EI:0 B) (1007C)
A12B Control unit, ABS (Anti-lock Brake System) (EE:0 B) (1007C)
A13A Control unit, TECU (automatic transmission) (DE:0 C)
A13B Control unit, TECU (automatic transmission) (DI:0 B) (1007C)
A13C Control unit, TECU (automatic transmission) (DM:0 C) (1007C)
A13D Control unit, TECU (automatic transmission) (DN:0 B)
A14 Control unit, EMS (Engine Management System) (CO:0 C/CS:2 C) (1030)
A15 Control unit, SRS (Supplementary Restrain System) (IS:0 B) (1000)
A16 Control unit, ECS (Electronic Controlled air Suspension) (FA:0 C/FG:0 D) (1007C)
A17 Control unit, VECU (Vehicle ECU) (BA:0 C) (1000)
A18 Control unit, roof hatch (IQ:0 C) (1006E)
A19A Control unit, GECU (gear selector ECU) (DB:1 C) (1007A/1007B/1484)
A19C Control unit, GECU (gear selector ECU) (DB:2 C) (1007A/1007B/1484)
A20 Control unit, Immobiliser (IM:3 D) (1000)
A21 Control unit, EBS (Electronic Brake System) (EM:0 C) (1007C)
A22 Control unit, FMS (Fleet Management System) (BU:0 C/IZ:3 B) (1000)
A23 Control unit, FMS, TMC (Traffic Message Channel) (BU:3 B) (1000)
A24 Control unit, information module trailer without ABS (CP:3 C) (1000)
A25 Control unit, ESP (Electronic Stability Program) (EQ:0 C) (1007C)
A27 Control unit, LCM (Light Control Module) (GB:0 C/GC:0 A/GA:0 B) (1000)
A28 Control unit, ADR/TRS battery main switch (AE:0 D) (1435B)
A29 Telephone handset, secrecy reciever (IX:1 B) (1000/1007A/1007B)
A30 Control unit, SWM (Steering Wheel Module) (IS:1 C) (1000)
A31 Control unit, burglar alarm (NK:0 C) (1000)
A32 Control unit, parking heater (HM:0 C) (1062)
A33 Tachograph (BM:1 B) (1000)
A33B Tachograph (/BN:1 B) (1006)
A34B Control unit, climate unit (HG:0 B) (1000)
A35 Control unit, remote receiver, door lock (IM:0 B) (1000)
A36 Control unit, BBM (Body Builder Module) (NC:1 B/NU:1 B) (1000)
A39 Control unit, camera (IZ:0 C) (1000)
A40 HID Fuse holder, 3–fuses (GB:0 D) (1000)
A41 Component group transmission. Contains B23, B06 and Y17 (DN:0 D/DE:0 C/DM:2 B) (1403/1499)
A42 Component group transmission. Contains B26, Y21, Y22, Y23 and Y26 (DN:2 D/DE:2 C) (1494/1499)
A43 Electric fan control (B32 fan speed sensor, Y35 visco clutch) (CO:1 D) (1030)
A44 Fuel filter bracket (B51 fuel pressure sensor, M15 priming pump) (CO:2 D) (1030)
A45 Fuel pre filter (B52 water level sensor, R10 heater, Y38 water drain solenoid (CO:3 B) (1030)
A54 Control unit, Coolant level (CS:2 D)
B02A Thermostat, parking heater (HI:1 B) (1006A/1006E)
B02B Thermostat, parking heater (HI:1 B) (1006A/1006E)
B02C Thermostat, parking heater (HM:3 B) (1006A/1006E)
B02D Thermostat, parking heater (HM:3 C) (1006A/1006E)
B03 Sensor, footbrake valve (EM:0 D) (1504)
B04 Sensor, engine speed, crankshaft (CO:0 D) (1030)
B05 Sensor, engine speed, camshaft (CO:0 D) (1030)
B06 Sensor, air pressure, air tank (BA:2 D) (1000)
B06A Sensor, air pressure, air tank (DE:0 D) (1000)
B07 Sensor, fuel level (BI:2 C) (1040)
B08 Sensor, input shaft speed, gearbox (DE:3 B)
B09A Sensor, oil temperature, gearbox (DE:2 D)
B09B Sensor, oil temperature, gearbox (BI:2 C) (1494)
B10 Sensor, oil level (CO:0 C) (1030)
B10B Sensor, oil level (FP:0 C) (1493)
B12 Sensor, tachograph/speedometer (BM:2 D) (1494)
B12B Sensor, tachograph/speedometer (BM:2 D) (1494)
B13 Sensor, wheel speed, lhs. 1:st front axle (EI:0 D/EE:0 D/EN:0 D) (1086)
B14 Sensor, wheel speed, rhs. 1:st front axle (EI:1 D/EE:1 D/EN:1 D) (1086)
B15 Sensor, wheel speed, lhs. 1:st driven rear axle (EI:2 D/EE:2 D/EN:2 D) (1086)
B16 Sensor, wheel speed, rhs. 1:st driven rear axle (EI:3 D/EE:3 D/EN:2 D) (1086)
B17 Sensor, wheel speed, lhs. 2:nd driven rear axle (EN:3 D) (1086)
B18 Sensor, wheel speed, rhs. 2:nd driven rear axle (EN:3 D) (1086)
B19 Sensor, wheel speed, lhs. 2:nd front axle (EN:0 D) (1086)
B20 Sensor, wheel speed, rhs. 2:nd front axle (EN:1 D) (1086)
B21 Sensor, coolant temperature, engine (CO:1 D) (1030)
B22 Sensor, outdoor temperature (BI:2 C) (1504)
B23A Sensor, oil temperature, retarder (DE:1 D)
B23B Sensor, oil temperature, retarder (DI:0 D) (1494)

B24	Sensor, air pressure, bogie lift bellow (FA:0 D) (1072)
B25	Sensor, accelerator pedal (BA:4 D) (1000)
B25A	Sensor, accelerator pedal (BA:3 D) (1000)
B26A	Sensor, clutch postion (DE:2 D)
B27	Sensor, battery charging (BI:2 C) (1435A/1435B)
B28	Sensor, chassi level, front axle (FA:1 D) (1072)
B29	Sensor, chassi level, lhs. rear axle (FA:1 D/EN:2 D) (1072)
B30	Sensor, chassi level, rhs. rear axle (FA:2 D) (1072)
B31	Sensor, control lever unit, tipper (NR:1 B) (1007A/1007B)
B34A	Sensor, gear position (DE:2 B)
B34B	Sensor, gear position (DE:3 B)
B35	Sensor, range gear position (DE:3 B)
B36	Sensor, split gear position (DE:3 B)
B37	Sensor, boost pressure and boost temperature (CO:0 D) (1030)
B38	Sensor, oil pressure and oil temperature (CO:1 D) (1030)
B39	Sensor, air filter pressure and air filter temperature (CO:1 B/CS:1 D) (1030)
B40	Sensor, brake lining wear indicator, lhs. 1:st front axle (EN:0 D) (1086)
B41	Sensor, brake lining wear indicator, rhs. 1:st front axle (EN:1 D) (1086)
B42	Sensor, brake lining wear indicator, lhs. 1:st driven rear axle (EN:1 D) (1086)
B43	Sensor, brake lining wear indicator, rhs. 1:st driven rear axle (EN:2 D) (1086)
B44	Sensor, brake lining wear indicator, lhs. 2:nd driven rear axle (EN:1 D) (1086)
B45	Sensor, brake lining wear indicator, rhs. 2:nd driven rear axle (EN:2 D) (1086)
B46	Sensor, brake lining wear indicator, lhs. 2:nd front axle (EN:0 D) (1086)
B47	Sensor, brake lining wear indicator, rhs. 2:nd front axle (EN:0 D) (1086)
B49	Sensor, steering angle (EQ:0 D) (1000)
B50	Sensor, yaw-rate (EQ:1 D) (1507)
B54	Sensor, crank case pressure (CO:0 B) (1030)
B55	Sensor, air pressure, suspension bellows, 3:th axle (FA:0 D) (1072)
B56	Sensor, air pressure, suspension bellows, front axle (FA:0 D) (1072)
B57	Sensor, air pressure, suspension bellows, lhs. rear (FA:0 D) (1072)
B58	Sensor, air pressure, suspension bellows, rhs. rear (FA:1 D) (1072)
B59	Sensor, indoor temperature (HG:1 B) (1000)
B59B	Sensor, indoor temperature (HY:2 D) (1000)
B60DD	Loudspeaker (IU:1 D) (1083)
B60DP	Loudspeaker (IU:1 D) (1083)
B60LF	Loudspeaker (IU:0 D) (1000)
B60LR	Loudspeaker (IU:2 D) (1006D/1006E)
B60RF	Loudspeaker (IU:1 D) (1000)
B60RR	Loudspeaker (IU:2 D) (1006D/1006E)
B61L	Loudspeaker, treble (IU:0 D) (1000)
B61R	Loudspeaker, treble (IU:1 D) (1000)
B64	Sensor, air pressure, valve unit gearbox (DE:1 D)
B67	Rear view camera (IZ:2 D) (1000)
B68	Sensor, output shaft speed, gearbox (DI:2 D) (1494)
B69A	Sensor, coolant temperature, retarder (DE:1 D)
B69B	Sensor, coolant temperature, retarder (DM:3 B) (1403)
B69C	Sensor, coolant temperature, retarder (DN:0 D) (1403)
B70	Sensor, wheel speed, lhs., pusher axle (EN:2 C) (1086)
B71	Sensor, wheel speed, rhs., pusher axle (EN:3 C) (1086)
B72	Sensor, wheel speed, lhs., tag axle (EN:3 C) 1086)
B73	Sensor, wheel speed, rhs., tag axle (EN:4 C) (1086)
B74	Sensor, brake lining wear indicator, lhs., pusher axle (EN:2 C) (1086)
B75	Sensor, brake lining wear indicator, rhs., pusher axle (EN:2 C) (1086)
B76	Sensor, brake lining wear indicator, lhs., tag axle (EN:3 C) (1086)
B77	Sensor, brake lining wear indicator, rhs., tag axle (EN:3 C) (1086)
B80	Handsfree, Loudspeaker, Microphone (IX:0 B)
B90	Transmitter, movement sensor (NK:2 D) (1006B/1006E)
B91	Reciever, movement sensor (NK:3 D) (1006B/1006E)
D01	Time delay relay, bogie lift, axle load limiter (FK:3 B) (1007B)
E01	Lamp, full beams (GA:2 C/GA:3 C) (1502/1503)
E02	Lamp, dipped beams (GA:2 D/GA:3 D) (1502/1503)
E03	Lamp, spot light (GA:1 C/GA:3 C) (1502/1503)
E04	Lamp, loading light (KE:0 D/GK:2 B) (1063)
E05	Lamp, 5:th wheel light (KE:0 D) (1063)
E06	Lamp, reversing light (GC:1 D/GC:2 D) (1040)
E07	Lamp, fog light (GA:1 C/GA:3 C) (1502/1503)
E08	Lamp, parking light, front (GA:1 D/GA:3 D) (1502/1503)
E09	Lamp, brake light (GC:1 D/GC:2 D) (1040)
E10	Lamp, tail light (GC:1 D/GC:2 D) (1040)
E11LC	Lamp, side marker light (GC:0 D) (1077)
E11LF	Lamp, side marker light (GC:0 D) (1077)
E11LR	Lamp, side marker light (GC:1 D) (1077)
E11LW	Lamp, side marker light (GC:0 D) (1077)
E11RC	Lamp, side marker light (GC:3 D) (1077)
E11RF	Lamp, side marker light (GC:3 D) (1077)
E11RR	Lamp, side marker light (GC:2 D) (1077)
E11RW	Lamp, side marker light (GC:3 D) (1077)
E12L	Lamp, roof position light (GA:4 C) (1006A)
E12R	Lamp, roof position light (GA:1 C) (1006A)
E13	Lamp, direction indicator (GC:1 D/GC:2 D) (1040)
E13F	Lamp, direction indicator (GA:2 C/GA:3 C) (1502/1503)
E13L	Lamp, direction indicator (GA:2 C) (1502)
E13R	Lamp, direction indicator (GA:3 C) (1503)
E14L	Lamp, beacon warning lamp (KM:0 D) (1047)
E14R	Lamp, beacon warning lamp (KM:1 D) (1047)
E15	Lamp, cigarette lighter illumination (IQ:2 C) (1000)
E16DS	Lamp, instep light (IH:2 C) (1083)
E16PS	Lamp, instep light (IH:2 C) (1083)
E17L	Lamp, interior light (IH:1 C) (1006B/1006E)
E17R	Lamp, interior light (IH:1 C) (1006B/1006E)
E18C	Lamp, reading light (IH:0 C) (1006D)
E18L	Lamp, reading light (IH:0 C) (1006D/1006E)
E18LB	Lamp, reading light (IH:0 C) (1006D/1006E)
E18LC	Lamp, reading light (IH:0 C) (1006C/1006E)
E18R	Lamp, reading light (IH:1 C) (1006D/1006E)
E18RB	Lamp, reading light (IH:1 C) (1006D/1006E)
E18RC	Lamp, reading light (IH:0 C) (1006C)

E19C Lamp, identification light, roof (GA:0 D) (1006A/1436)
E19L Lamp, identification light, roof (GA:0 D) (1006A/1436)
E19R Lamp, identification light, roof (GA:0 C) (1006A/1436)
E20 Lamp, ashtray illumination (IQ:2 C) (1000)
E21 Lamp, rear fog light (GC:1 D/GC:2 D) (1040)
E22 Lamp, roof sign illumination (KI:0 D) (1436)
E23 Lamp, luggage compartment illumination (IH:4 C) (1007A
E24 Lamp, storage tray illumination (IQ:1 D) (1000)
E26L Headlight module (GA:1 C) (1502)
E26R Headlight module (GA:3 C) (1503)
E27L Tail lamp module (GC:1 D) (1040)
E27R Tail lamp module (GC:2 D) (1040)
E28 Parking heater (HI:0 C/HM:0 D) (1007A/1062)
E32ATC Climate unit (HY:2 C) (1000)
E32ECC Climate unit (HG:1 C) (1000)
E33LC Lamp, additional load lamps (revers lamps) (NA:0 D) (1506A)
E33LR Lamp, additional load lamps (revers lamps) (NA:0 D) (1506A)
E33RC Lamp, additional load lamps (revers lamps) (NA:1 D) (1506A)
E33RR Lamp, additional load lamps (revers lamps) (NA:1 D) (1506A)
E34 Lamp, bodybuilder-centre light (IH:2 D) (1000)
G01A Battery (AA:0 C/AE:0 C/CS:0 C)
G01B Battery (AA:0 D/AE:0 D/CS:0 D)
G02 Alternator (AA:2 D/AE:3 D/CS:1 D) (1025)
H01 Horn, air-operated (GQ:0 B) (1502)
H02 Horn (GQ:1 B) (1502)
H03 Reverse warner, acoustic (GC:1 D/GC:2 D) (1040)
H06 Siren (NK:3 D) (1502/1503)
K1 Relay, starting switch, radio position (AA:3 B) (1000)
K2 Relay, EMS (Engine Management System) (BA:1 A) (1000)
K3 Relay, starter motor (AA:1 C) (1000)
K3B Relay, starter motor, Cummins (CS:1 C)
K4 Relay, bodybuilder fuse box (kl.15) (ME:2 A) (1000)
K5 Relay, automatic transmission (DB:1 A/DM:0 A) (1000)
K6 Relay, fan climate unit (HY:0 B) (1000)
K7 Relay, intermittent wiper (GM:1 C) (1000)
K8 Relay, gearbox area inhibitor (BA:1 A) (1000)
K9 Relay, interior lamps (IH:1 A) (1000)
K10 Relay, fifth wheel-, working-light (KE:0 C) (1000)
K11 Relay, air suspension (FA:4 B) (1000)
K12 Not used (ME:4 B) (1000)
K13 Relay, alternator controled (AA:4 C) (1000)
K14 Time delay relay, bogie lift, A-ride (FK:1 C) (1000)
K15 Time delay relay, bogie lift, A-ride, with axle load limiter (FK:2 C) (1000)
K16 Relay, bogie lift, A-ride, with axle load limiter (FK:1 C) (1000)
K17 Relay, 3:rd axle lock, self steered axle (FM:0 C) (1000)
K18 Relay, hydraulic steered axle (FP:1 B) (1000)
K19 Relay, 3:rd axle lock, self steered axle (FM:1 C) (1000)
K20 Relay, D+ short-circuit, (ADR-trucks only) (AE:4 D) (1000)
K21 Relay, el. adjustable seat (IA:2 B) (1000)
K22 Relay, climate fan, 1:st speed (by parking heater) (HY:1 B) (1000)
K23 Relay, cab tilt (KA:0 C) (1000)
K24 Relay, central lubrication (FU:0 B) (1000)
K25 Relay, light sign (KI:1 C) (1000)
K26A Relay, foldable rearview mirror arm, Japan (IF:0 C) (1000)
K26B Relay, foldable rearview mirror arm, Japan (IF:1 C) (1000)
K27 Relay, gas discharge lamp, dipped beam, lhs (GB:0 D) (1000)
K28 Relay, gas discharge lamp, dipped beam, rhs (GB:0 D) (1000)
K30 Relay, beacon warning light (KM:0 B) (1000)
K35 Relay, headlamp high pressure wash (GM:0 C) (1000)
K37A Relay, parking light (NR:0 C)
K37B Relay, parking light (NA:0 C)
K38 Relay, pressure selection, tipper trailer (NA:1 C)
K38A Relay, pressure selection, tipper trailer (NR:1 C) (1000)
K38B Relay, pressure selection, tipper trailer (NR:1 C) (1000)
K39A Relay, prepared wirings for body-builder (auxsw-6) A (NR:2 C)
K39B Relay, prepared wirings for body-builder (auxsw-6) A (NA:1 C)
K40A Relay, prepared wirings for body-builder (auxsw-6) B (NR:3 C)
K40B Relay, prepared wirings for body-builder (auxsw-6) B (NA:2 C)
K41A Relay, prepared wirings for body-builder (auxsw-6) C (NR:3 C)
K41B Relay, prepared wirings for body-builder (auxsw-6) C (NA:3 C)
K42 Relay, spotlights (NI:1 B) (1000)
K43 Relay, external engine start (NC:3 C) (1000)
K45 Relay, prepared wirings for body-builder (NU:2 B) (1000)
K48 Power relay, engine preheating (CM:2 B) (1435A/1435B)
K49 Power relay, bogie lift motor (FK:3 D) (1037)
K51 Power relay, battery main switch (AA:0 C/CS:0 C) (1435A)
K52 Power relay, ADR battery main switch (AE:0 B) (1435B)
K54 Relay, 12V ABS Trailer (CP:2 D) (1435B)
L01 Reactor, light sign illumination (KI:0 D)
L01L Reactor, light sign illumination (KI:2 C)
L01R Reactor, light sign illumination (KI:2 D)
M01 Motor, windscreen wiper (GM:2 C) (1504)
M02 Motor, windscreen washer pump (GM:0 D) (1503)
M03 Motor, headlamp high pressure washer pump (GM:1 D) (1503)
M04 Motor, starter motor (AA:0 D/AE:2 D/CS:0 C) (1025)
M05 Motor, hydraulic bogie lift pump unit (FK:3 C) (1037)
M06DS Motor, window winder (IE:2 C) (1083)
M06PS Motor, window winder (IE:3 C) (1083)
M08 Motor, levelling control, headlights (GA:1 C/GA:3 C) (1502/1503)
M09DS Motor, door lock (IM:1 D) (1083)
M09PS Motor, door lock (IM:2 D) (1083)

M10 Motor, roof hatch (IQ:0 E)
M11 Motor, cab tilt pump (KA:0 D) (1502/1503)
M13 Motor, coolant pump, parking heater (HP:0 C) (1062)
M14 Motor, central lubrication pump (FU:0 C) (1401)
M17 Motor, foldable rearview mirror arm, Japan (IF:0 D) (1470)
R01 Heater, engine preheat (CO:3 B) (1030)
R02L Heater, rear-view mirror (IE:0 D) (1504)
R02R Heater, rear-view mirror (IE:1 D) (1504)
R04 Cigarette lighter (IQ:2 C) (1000)
R05 Heater, air dryer (FQ:0 C) (1056)
R08 Termination resistor, CAN-bus (XB:2 D/CS:3 B)
R11 Heater, coffee maker (ME:1 B) (1000)
R12 Current limiter, tachograph (AE:0 D) (1435B)
R13 Resistor, LCP headlight adjust (GU:1 B) (1000)
R14B Termination resistor (DI:3 D)
R17 Resistor (AA:3 C/AE:3 D) (1000)
S01 Switch, main lighting, selector type (GA:0 A/GU:1 B) (1000)
S02 Stalk switch, full-/dipped beam, direction indicator (GA:2 B) (1000)
S03 Switch, loading lamps/working lamps (KE:1 B) (1000)
S03B Switch, loading lamps/working lamps (NR:0 B)
S04 Switch unit, climate fan (HY:1 B) (1000)
S05A Switch, interior light, selector type (IH:3 B) (1000)
S05B Switch, interior light, selector type (IH:3 B) (1006D/1006E)
S06 Stalk switch, windscreen wiper, selector type (GM:3 B) (1000)
S07 Switch, engine brake, selector type (BA:3 B) (1000)
S07A Switch, engine brake, selector type (CP:0 B) (1000)
S07B Switch, engine brake, selector type (CP:1 B) (1000)
S08 Switch, differential gear lock, rear wheels (DU:0 B) (1000)
S09 Switch, differential gear locks, inter axles and rear wheels, selector type (DU:1 B) (1000)
S10 Switch, sign light, roof (KI:1 B) (1006A)
S11 Switch, bogie lift, selector type (FK:0 B) (1000)
S11A Switch, bogie lift, selector type (FA:3 B) (1000)
S11B Switch, bogie lift, selector type (NR:4 B) (1000)
S14A Switch, push button, horn (GQ:1 D)
S14B Switch, push button, horn (GQ:1 D)
S15 Switch, ignition, selector type (AA:2 B/AE:0 B) (1000)
S16 Switch, push button, air horn (GQ:21 D)
S17 Switch, front wheel drive (DU:2 B) (1000)
S18 Switch, differential gear lock, front (DU:2 B) (1000)
S19 Switch, extra (NA:2 B)
S19C Switch, extra (NR:2 B) (1000)
S20 Switch, 3:rd axle lock (FM:0 B) (1000)
S20B Switch, 3:rd axle lock (NR:3 B) (1000)
S21A Switch, parking heater (HI:2 B/HM:2 B) (1000)
S21B Switch, parking heater (HI:3 B/HM:3 B) (1006D/1006E)
S23 Switch, roof hatch, selector type (IQ:0 B) (1006A)
S24 Stalk switch, retarder, selector type (BA:3 B) (1000)
S25 Switch unit, cruise control (BA:2 B) (1000)
S26A Switch, cab tilt pump (KA:0 B) (1000)
S26B Switch, cab tilt pump (KA:0 D) (1502/1503)
S27 Switch, storage tray illumination (IQ:1 C) (1000)
S28 Switch, power take off (DQ:0 B) (1000)
S28A Switch, power take off (NC:0 B/NU:0 B) (1000)
S30 Switch unit, multi-function display (BI:3 C) (1000)
S31 Switch, TCS (Traction Control System) (EM:1 B) (1000)
S33 Switch, trailer brake (EM:0 B) (1000)
S34 Switch unit, steering wheel push buttons (IS:1 D) (1000)
S36DS Switch unit, door functions (IE:0 B) (1083)
S36PS Switch unit, door functions (IE:3 B) (1083)
S37 Switch, rear view camera, camera activation (IZ:1 B) (1000)
S38 Switch, ADR, emergency switch, cab (AE:1 B) (1000)
S39 Switch, ADR, emergency switch, exterior (AE:1 C) (1007A/1007B)
S39B Switch, ADR, emergency switch, exterior (AE:2 C)
S40 Switch, rear view camera, camera selection (IZ:2 B)
S41 Switch, battery main switch control (AA:0 C) (1435A)
S42 Switch, pressure selector, power take off (NR:1 B) (1000)
S45 Position switch, differential gear lock indicator, rear wheels, NC. or NO. (DU:3 C) (1040)
S45R Position switch, differential gear lock indicator, rear wheels, NC. or NO. (DU:3 C) (1040)
S46 Pressure switch, bogie lift indicator, NO. (FK:3 E) (1037)
S47 Position switch, low split indicator, NO. (BI:1 D) (1494)
S48A Pressure switch, brake light, NO. (GB:3 B) (1401)
S48B Pressure switch, brake light, NO. (GB:3 B) (1401)
S48C Pressure switch, brake light, NO. (GB:3 A) (1000)
S49 Position switch, reverse lamps, NO (GB:3 D) (1494)
S50 Pressure switch, exhaust pressure governor, NC. (BA:1 D) (1000)
S52L Proximity switch, cab lock, NO. (BI:3 C) (1007A)
S52R Proximity switch, cab lock, NO. (BI:3 D) (1007B)
S53 Position switch, front-wheel drive indication, NO. (DU:4 C) (1458)
S54 Position switch, differential gear lock, front-wheels, NO. (DU:4 C) (1458)
S55 Thermal switch (HP:0 C) (1062)
S56 Thermal switch, bogie lift, NC (FK:3 D) (1037)
S57L Position switch, luggage compartment lighting, NC. (IH:4 D) (1007A)
S57R Position switch, luggage compartment lighting, NC. (IH:3 D) (1007B)
S58 Position switch, clutch pedal, NO. (BA:3 D) (1000)
S59 Position switch, brake pedal, NO. (BA:3 D) (1000)
S60 Pressure switch, oil, power steering, NC. (FP:0 C) (1493)
S60A Pressure switch, oil, power steering, NC. (BI:0 D) (1493)
S60B Pressure switch, oil, power steering, NC. (BI:1 D) (1493)
S63 Position switch, low range gear (BA:0 B) (1494)
S64 Pressure switch, air pressure, parking brake tank, NC. (EM:4 B) (1000)
S66L Switch unit, ECS (electronic controlled susp.), full air suspension (FA:2 D) (1007A/1007B)

S66R	Switch unit, ECS (electronic controlled susp.), full air suspension (FA:4 D) (1007A/1007B)
S68	Sensor, coolant level (CO:1 C/CS:3 D) (1030)
S69	Proximity switch, bogie lift position, NO. (FK:1 D) (1037)
S70	Position switch, flow sensor, power-steering, NC. (BI:1 D) (1493)
S70A	Position switch, flow sensor, power-steering, NC. (FP:1 C) (1493)
S71	Pressure switch, compressor charging, NO. (BA:0 D) (1056)
S72	Switch, water separator draining (CU:0 B) (1000)
S73	Switch, acoustic reverse warning (GC:3 A) (1006A)
S74	Switch, short stop cab heater (HP:0 B) (1000)
S75	Switch, beacon warning light (KM:0 B) (1000)
S76	Switch, spotlights (NA:4 B)
S76A	Switch, spotlights (NI:2 C) (1006A)
S78	Switch unit, TIS (Trafic Information System) (BU:2 B) (1000)
S79A	Switch, additional work lamps (revers lamps), manual turn on (NA:1 B)
S79B	Switch, additional work lamps (revers lamps), manual turn on (NA:1 B)
S79D	Switch, additional work lamps (revers lamps), manual turn on (NA:01 B)
S80	Position switch, front hatch (NK:1 D) (1504)
S83	Switch, container lock (NA:3 B)
S84	Switch, tachograph mode (BN:0 C) (1006)
S86	Switch, foldable rearview mirror arm, Japan (IF:1 B) (1000)
S88L	Position switch, door, NC (NK:0 D) (1007A)
S88R	Position switch, door, NC (NK:0 D) (1007B)
S95	Switch, Panic alarm (NK:2 A) (1000)
S96	Switch, Reduced set, Alarm (NK:2 B) (1000)
U01	Modulator, EBS, left front (EN:0 C) (1086)
U02	Modulator, EBS, right front (EN:0 C) (1086)
U03	Modulator, EBS, rear axle (EN:1 C) (1086)
U04	Modulator, EBS, pusher axle (EN:2 B) (1086)
U05	Modulator, EBS, trailer (EM:2 B) (1401)
U06	Voltage converter (CS:0 C)
U06B11	Voltage converter (IR:1 B) (1007C)
U06R11	Voltage converter (IR:1 B) (1007C)
U06R19	Voltage converter (IR:0 B) (1007C)
U07	Modulator, EBS, tag axle (EN:3 B) (1086)
U10	Voltage converter, 12V ABS Trailer (CP:4 B)
V02	Diode module (AE:2 B) (1000)
V03	Diode (EC:1 B)
V04	Diode (FK:0 D) (1037)
V05	Diode (FK:2 D)
V06	Diode (FM:0 C)
V07	LED, indicator, Alarm (NK:2 C) (1000)
V08	Diode (NU:2 B) (1000)
V09	Diode (CP:4 B)
V10	Diode (CP:3 C)
V11	Diode (CP:3 C)
W02	Antenna, immobiliser (IM:3 C) (1000)
W03	Antenna, remote door lock (IM:0 B) (1000)
X01	Connector, vehicle diagnostics (XA:0 C) (1000)
X01B	Connector, vehicle diagnostics (XA:0 C)
X01C	Connector, vehicle diagnostics (XA:0 D)
X02	Trailer connection, ABS/EBS (1063)
X03	Trailer connection, 15–pole unit (1063)
X04	Trailer connection, 7–pole unit, 24 N (1063)
X05	Trailer connection, 7–pole unit, 24 S (1063)
X06	Connector, 31–pole, in lhs. frame side, for body builder preparations (1505)
X07B	Socket, 12V (IR:1 D) (1000)
X08	Contact reel, air bag (IS:0 C) (1000)
X09	Slip contact, horn (GQ:1 C) (1000)
X10	B+ pass through, cab (AA:0 A) (1000)
X11	Power connector, engine (AA:0 D/AE:2 C/CS:0 D)
X12	Power connector (CO:3 B/CM:3 C)
X14	B+ connector, Engine ISX (CS:1 B)
X25	Power connector, bogie lift/extra equipment (AA:0 B)
Y02	Solenoid valve, differential lock, rear wheels (DU:1 D) (1401)
Y03	Solenoid valve, differential lock, inter axles, rear (DU:1 D) (1401)
Y05	Solenoid valve, bogie lift (FK:0 D) (1037)
Y06	Solenoid valve, range inhibitor (BA:0 B) (1494)
Y08	Solenoid valve, front-wheel drive (DU:2 D) (1458)
Y09	Solenoid valve, differential lock, front axle (DU:2 D) (1458)
Y10	Solenoid valve, 3:rd axle lock (FM:0 D)
Y11	Solenoid valve unit, ABS, lhs. front (EE:0 D/EI:0 D) (1086)
Y12	Solenoid valve unit, ABS, rhs. front (EE:1 D/EI:1 D) (1086)
Y13	Solenoid valve unit, ABS, lhs. rear (EE:2 D/EI:2 D) (1086)
Y14	Solenoid valve unit, ABS, rhs. rear (EE:3 D/EI:3 D) (1086)
Y17A	Solenoid valve, retarder (DE:0 D)
Y17B	Solenoid valve, retarder (DI:2 D) (1494)
Y18	Solenoid valve, PTO (Power Take Off) (DE:2 B) (1499)
Y18A	Solenoid valve, PTO (Power Take Off) (DQ:0 D) (1401)
Y18B	Solenoid valve, PTO (Power Take Off) (DI:0 C) (1494)
Y18C	Solenoid valve, PTO (Power Take Off) (NC:0 D/NU:0 D)
Y18G	Solenoid valve, PTO (Power Take Off) (DN:2 B) (1499)
Y18H	Solenoid valve, PTO (Power Take Off) (DN:2 B) (1499)
Y21	Solenoid valve, slow clutch disengage (DE:2 D)
Y22	Solenoid valve, fast clutch disengage (DE:3 D)
Y23	Solenoid valve, fast clutch engage (DE:3 D)
Y25	Solenoid valve unit, level control, air suspension (FA:1 B) (1072)
Y26	Solenoid valve, slow clutch control (DE:2 D)
Y29	Solenoid valve unit, trailing axle (FA:2 B) (1072)
Y30A	Solenoid valve unit, gearbox (DE:0 B)
Y30B	Solenoid valve unit, gearbox (DE:1 B)
Y30C	Solenoid valve unit, gearbox (DI:0 D) (1494)
Y31	Solenoid valve, area inhibitor (BA:1 B) (1494)
Y32	Fuel dosing pump, parking heater (HI:0 B/HM:0 D) (1040)
Y33	Solenoid valve, UI (Unit Injectors) (CO:2 D) (1030)
Y36	Solenoid valve, steerable axle (FP:1 C) (1493)
Y37	Solenoid valve unit, AVU (CO:2 B) (1030)
Y39	Solenoid valve, VCB (CO:3 D) (1030)
Y40	Solenoid valve unit, front axle, air suspension (FA:0 B) (1072)
Y42	Clutch, magnetic, air conditioning compressor (HG:0 D/HY:2 D/CS:2 D) (1025)
Y43L	Seat belt tensioner, pyrotechnical (IS:2 D) (1007A)
Y43R	Seat belt tensioner, pyrotechnical (IS:3 D) (1007B)
Y44	Air-bag, pyrotechnical (IS:0 D)

Y45A	Solenoid valve unit, tipper body (NR:0 D) (1506B)
Y45B	Solenoid valve unit, tipper body (NR:1 D) (1506B)
Y45C	Solenoid valve unit, tipper body (NR:1 D) (1506B)
Y45D	Solenoid valve unit, tipper body (NR:1 D) (1506B)
Y48	Solenoid valve, container lock (NA:3 D) (1506A)
Y49	Solenoid valve, parking brake (GQ:0 B/NU:2 C) (1504)
Y52	Clutch, magnetic, engine fan (CS:4 B)

Abbreviations

ABS	Antilock brake system
ACU	Alarm control unit
ADR-BAS1	ADR adaption, 1 switch
ADR-BAS2	ADR adaption, 2 switches
ATC	Automatic temperature control
AUS	Australia
AUXSW-6	Wiring for six auxiliary switches for body building
AWD	All wheel drive
BBM	Body builder module
BBOX-R	Battery box right hand side
CLU	Central locking unit
CU-ACAUT	Air condition, automatic
CU-ACMAN	Air condition, manual
CU-BAS	Basic version with stepper motor without air condition
CU-ECC	Electronic controlled climate control air condition
CU-HEAT	Heater unit
CU-MCC	Manual controlled climate control air condition
EBS	Electronic brake system
ECS	Electronic controlled air suspension
ELCE-CK	Electrical complete kit for body builder
ENG-VE9	Volvo engine 9 liter
ENG-VE12	Volvo engine 12 liter
ESP	Electronic stability program
GECU	Gear selector electronic control unit
GSS-AGS	Automatic gear shifting system
HL-BASIC	Basic headlamps
HL-HID	High intencity discharged headlamps
HYDRKIT	Hydraulic kit
ISX	Engine variant (Australia only)
LCM	Light control module
L1H1	Short cab
L2H1	Long cab
L2H2	Long high cab (Globetrotter)
LF	Left front
LHD	Left hand drive
LHS	Left hand side
LR	Left rear
MECHTRAN	Mechanical transmission
PA-HYDRS	Hydraulic steered pusher axle
PCB	Printed circuit board
PH-CAB	Cab parking heater
PH-ENGCA	Engine and cab parking heater
PSS-DUAL	Power steering system dual
PTO	Power take off
RADT-AR	6x2, leaf spring (A-ride)
RCU	Remote control unit
RF	Right front
RHD	Right hand drive
RHS	Right hand side
RIGID	Plattform or tipper truck
RR	Right rear
SI-GRAF	Tachograph
SI-GRAFR	Tachograph
SI-SPEED	Speedometer
SPEED-DU	Dual speed limiter
SRS	Supplementary restrain system
STWPOS-L	Steering wheel position left hand side
STWPOS-R	Steering wheel position right right hand side
SUSPL-EC	Air suspension, electronic control system levelling device
SUSPL-M	Air suspension, manual regulation levelling device
SWAPBODY	Swap body
SWM	Steering wheel module
TA-HYDRS	Hydraulic steered tag axle
TECU	Transmission electronic control unit
TMC	Traffic message channel
TRACTOR	Semi-trailer tractor
TREL7-7	Trailer connectors 2x7-unit
UADR	Without ADR adaption
URETARD	Without retarder
USUSPLEV	Without air suspension levelling device
VECU	Vehicle electronic control unit

Cable colour code

BL	Blue
BN	Brown
GN	Green
GR	Grey
OR	Orange
P	Pink
R	Red
SB	Black
VO	Violet
W	White
Y	Yellow

Note: If a wire have two colours, this is written out like the following example: Y/R = Yellow/Red.

Feedback

One of our objectives is that workshop personnel should have access to correct and appropriate service manuals where it concerns fault tracing, repairs and maintenance of Volvo vehicles.
In order to maintain the high standards of our literature, your opinions and experience when using this manual would be greatly appreciated.
If you have any comments or suggestions, make a copy of this page, write down your comments and send them to us, either via telefax or mailing directly to the address listed below.

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Comments/proposals

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VOLVO

Volvo Truck Corporation

Göteborg, Sweden

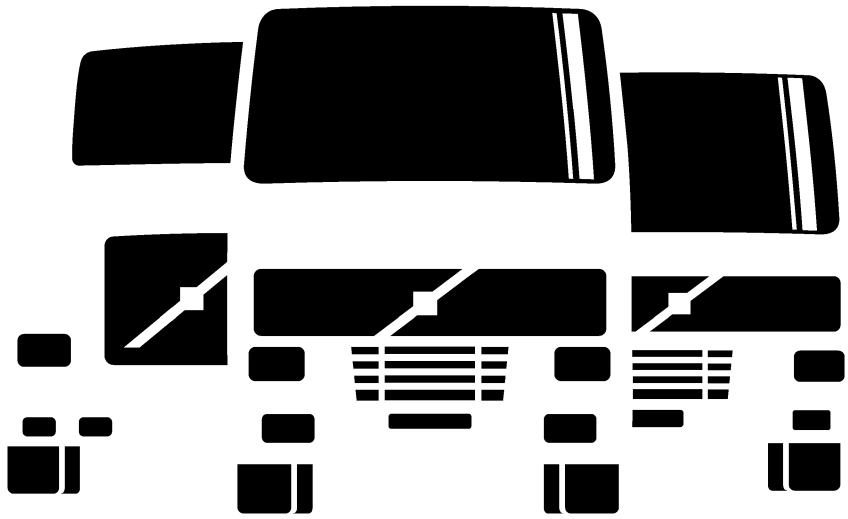
TSP175664 English 3500.9.02

Service Manual
Trucks

Group **37**
Release **01**

Wiring diagram
FM9, FM12, FH12, FH16, NH12 VERSION2

FM, FH CHID A572084-
FM, FH CHID B351630-



TSP190321

VOLVO

Foreword

The descriptions and service procedures contained in this manual are based on designs and methods studies carried out up to August 03.

The products are under continuous development. Vehicles and components produced after the above date may therefore have different specifications and repair methods. When this is judged to have a significant bearing on this manual, supplementary service bulletins will be issued to cover the changes.

The new edition of this manual will update the changes.

In service procedures where the title incorporates an operation number, this is a reference to V.S.T. (Volvo Standard Times).

Service procedures which do not include an operation number in the title are for general information and no reference is made to V.S.T.

The following levels of observations, cautions and warnings are used in this Service Documentation:

Note: Indicates a procedure, practice, or condition that must be followed in order to have the vehicle or component function in the manner intended.

Caution: Indicates an unsafe practice where damage to the product could occur.

Warning: Indicates an unsafe practice where personal injury or severe damage to the product could occur.

Danger: Indicates an unsafe practice where serious personal injury or death could occur.

Volvo Truck Corporation
Göteborg, Sweden

Order number: TSP190321

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ENG13608

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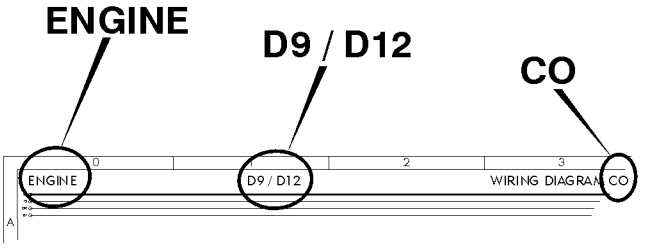
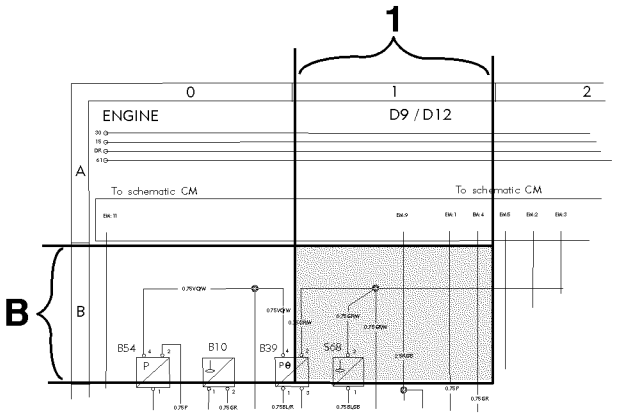
Feedback

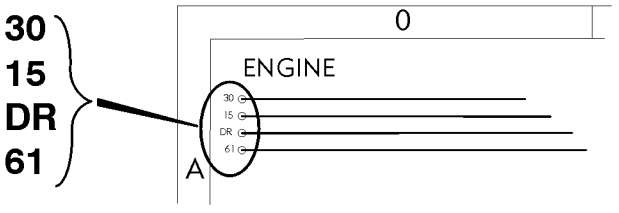
Example of wiring diagram



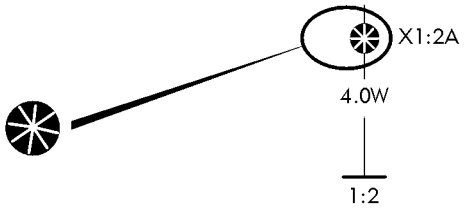
Component wiring diagram title, variant/subtitle and symbol.



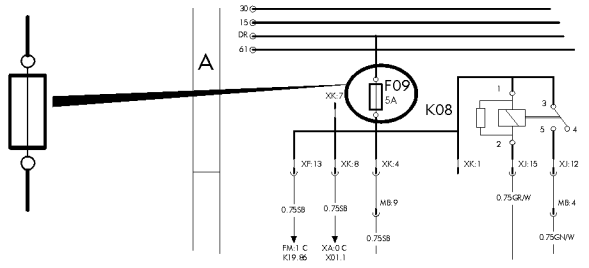
Coordinates (B 1).



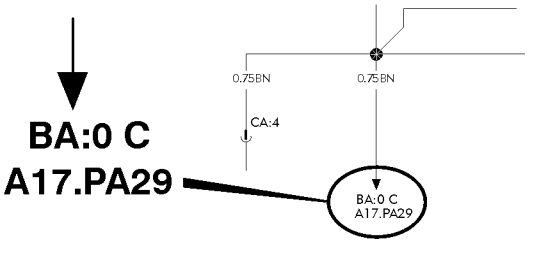
30 Voltage battery, kl.30.
15 Voltage with starter key in drive position, kl.15.
DR Voltage with starter key in drive position, preheat position and start position, kl.DR.
61 Voltage when alternator charges, kl.61.



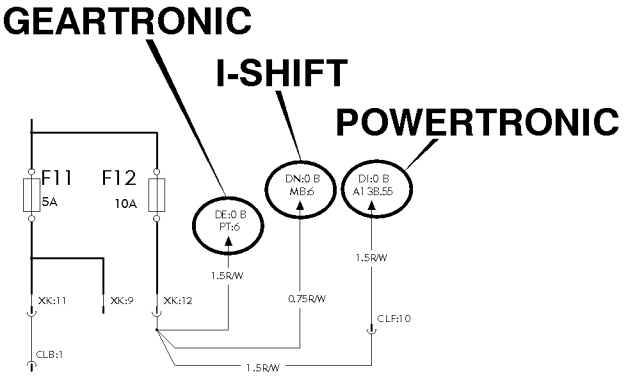
Splice.



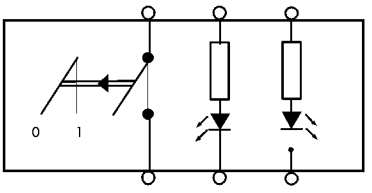
Fuse.



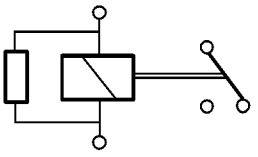
Reference arrow, for diagram BA, coordinates 0 C, component A17, connector PA pin 29.



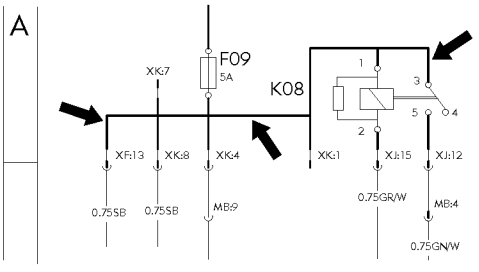
The maximum of variants are drawn, think about that all wires and components are not standard for all markets or vehicle models.



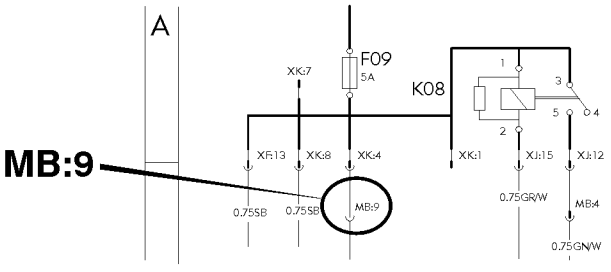
Switch.



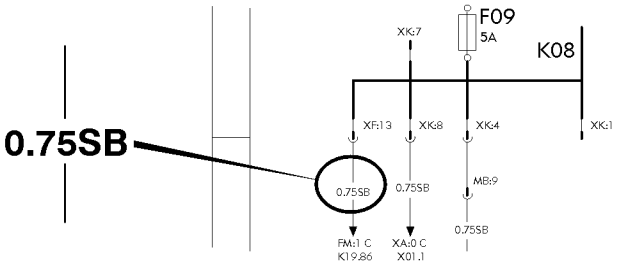
Relay.



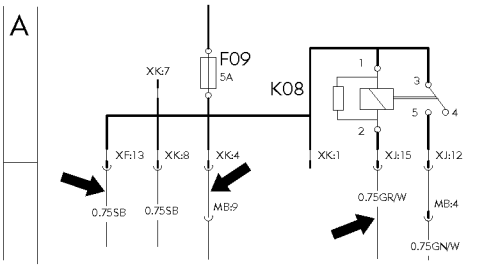
Conductor on circuit card.



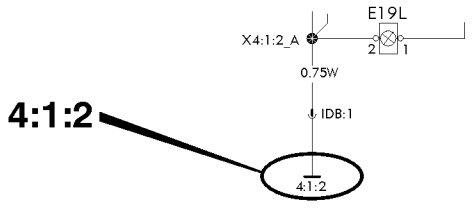
Connector MB terminal 9.



Wire area and colour.

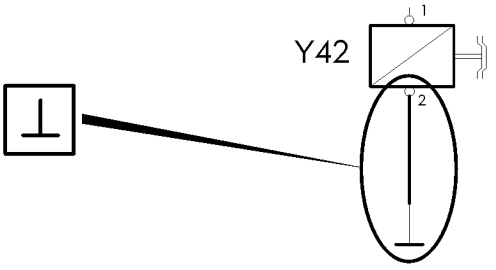


Thin lines, wires.

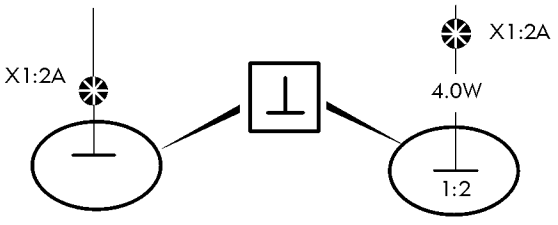


Earth connection point 4, earth connection 1 and wire 2.

Earth connection to circuit card.



Earth connection without wire.



Same splice can be drawn on several diagrams. The wire from the splice to the earth connection point will only be drawn and coded on one diagram. On the other diagrams will only the earth connection point be written besides the splice.

Component wiring diagram index

AA	Power supply, starting system	page 7
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BE	ACC Adaptive cruise control	page 10
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BU	Dynafleet	page 14
BX	FMS Gateway	page 15
CM	Engine interface	page 16
CO	Engine D9/D12 (D12 earlier design ≈ week 50 2003 ⇐)	page 17
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CS	Engine ISX (AUS only)	page 21
CU	Fuel filter water drain	page 22
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DE	Geartronic automatic gearshift	page 24
DI	Powertronic	page 25
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EQ	ESP	page 35
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FG	Load indikator	page 37
FK	Bogie lift A-ride	page 38
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HI	Air heater	page 52
HM	Water heater	page 53
HP	Short stop cabheater	page 54
HY	Climat unit, CU,-HEAT,-ACMAN,-ACAUT.	page 55
HZ	Air cooler, Brazil	page 56
IA	El. heated/adj. seat	page 57
IE	El. heat/adj. mirrors, El. window winders	page 58
IF	Foldable mirror bracket	page 59
IH	Interior light	page 60
IM	Central locking, immobiliser	page 61
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IS	SWM, SRS. Air-bag	page 64
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NI	Extra spotlamps front/roof, max 4x70W	page 75
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NR	Body builder (BB), tipper tractor ”HYDRKIT”	page 77
NU	Body builder (BB), DUAL-SPEED	page 78
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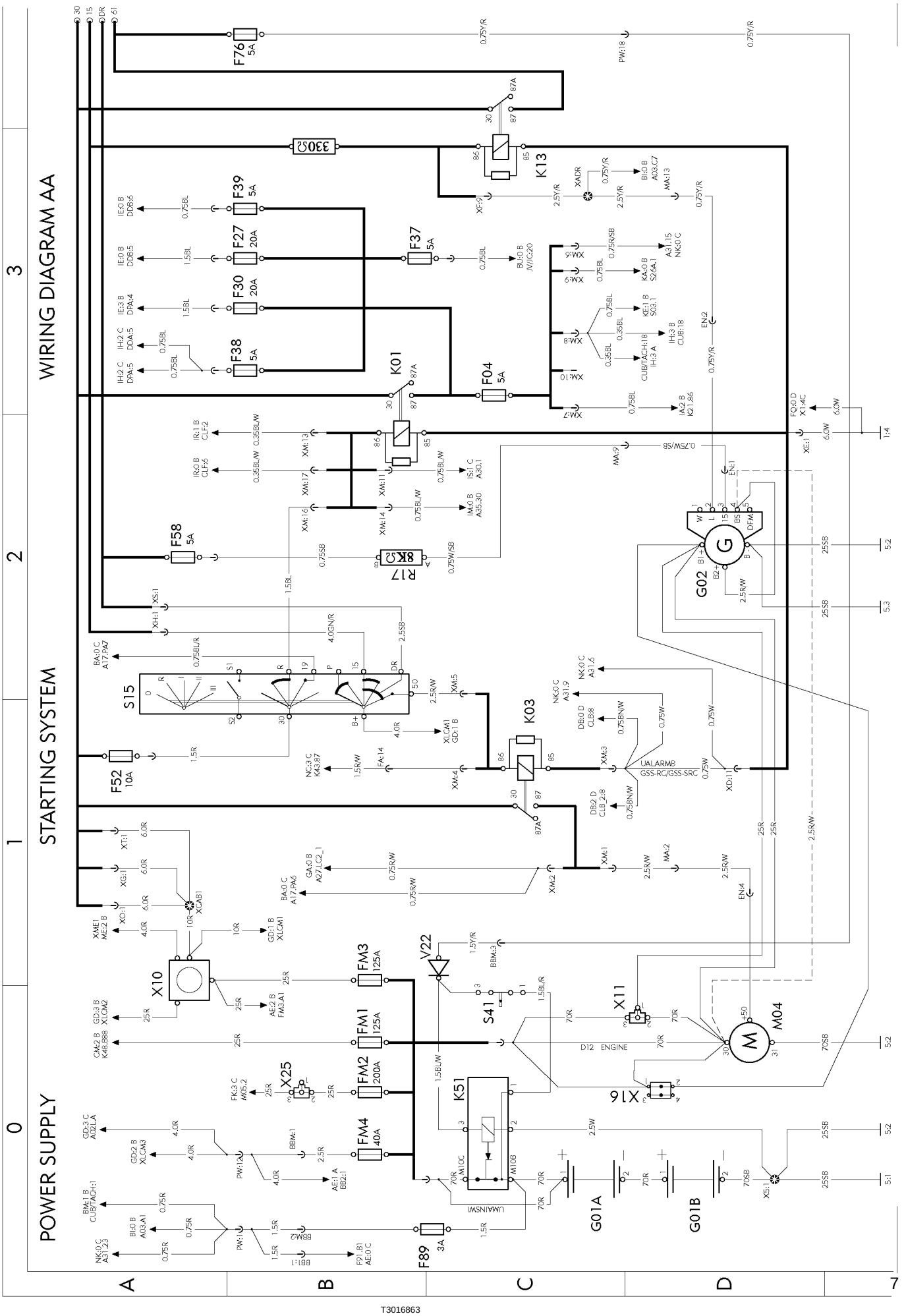
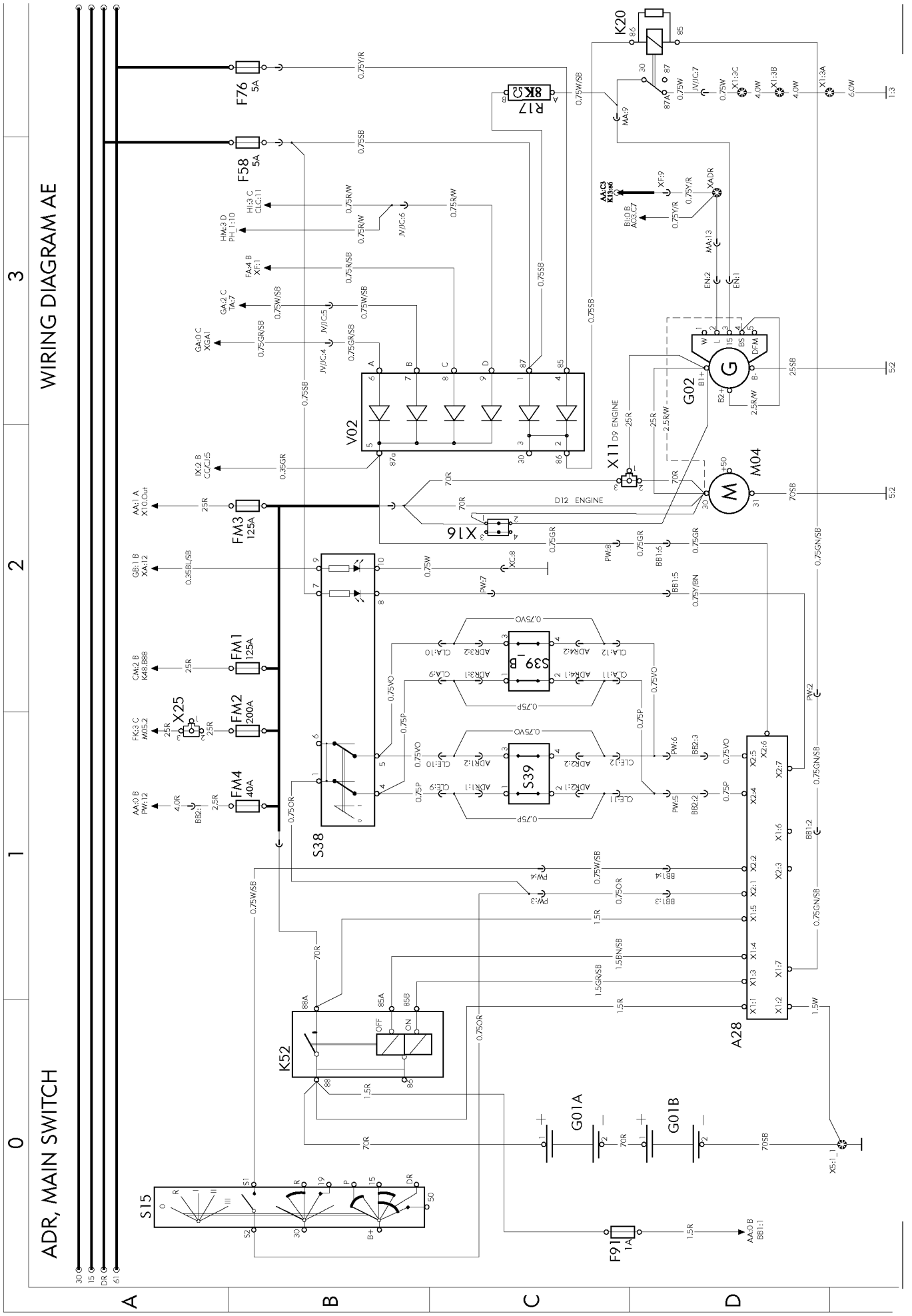
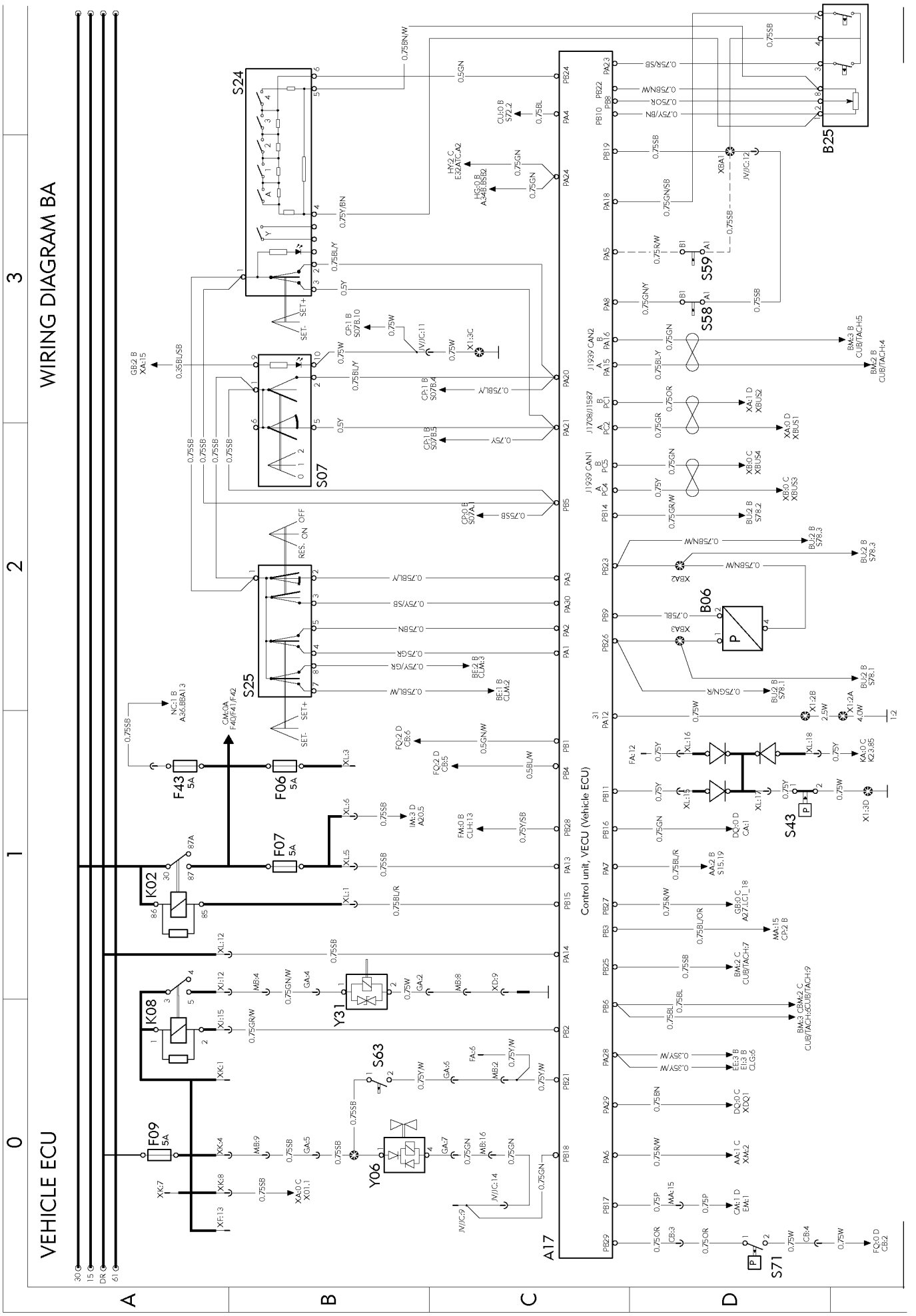
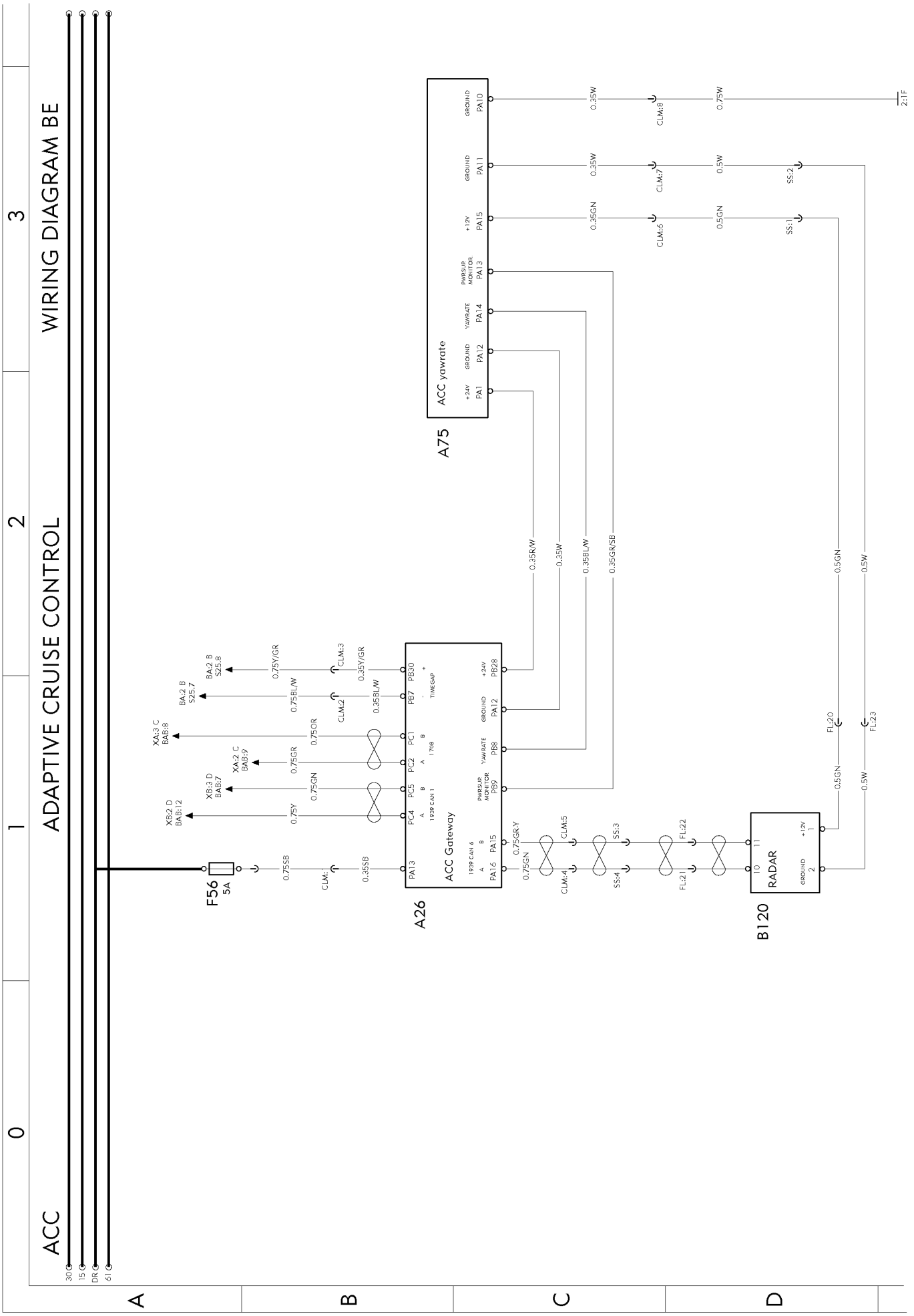
XB	Bus J1939	page 80

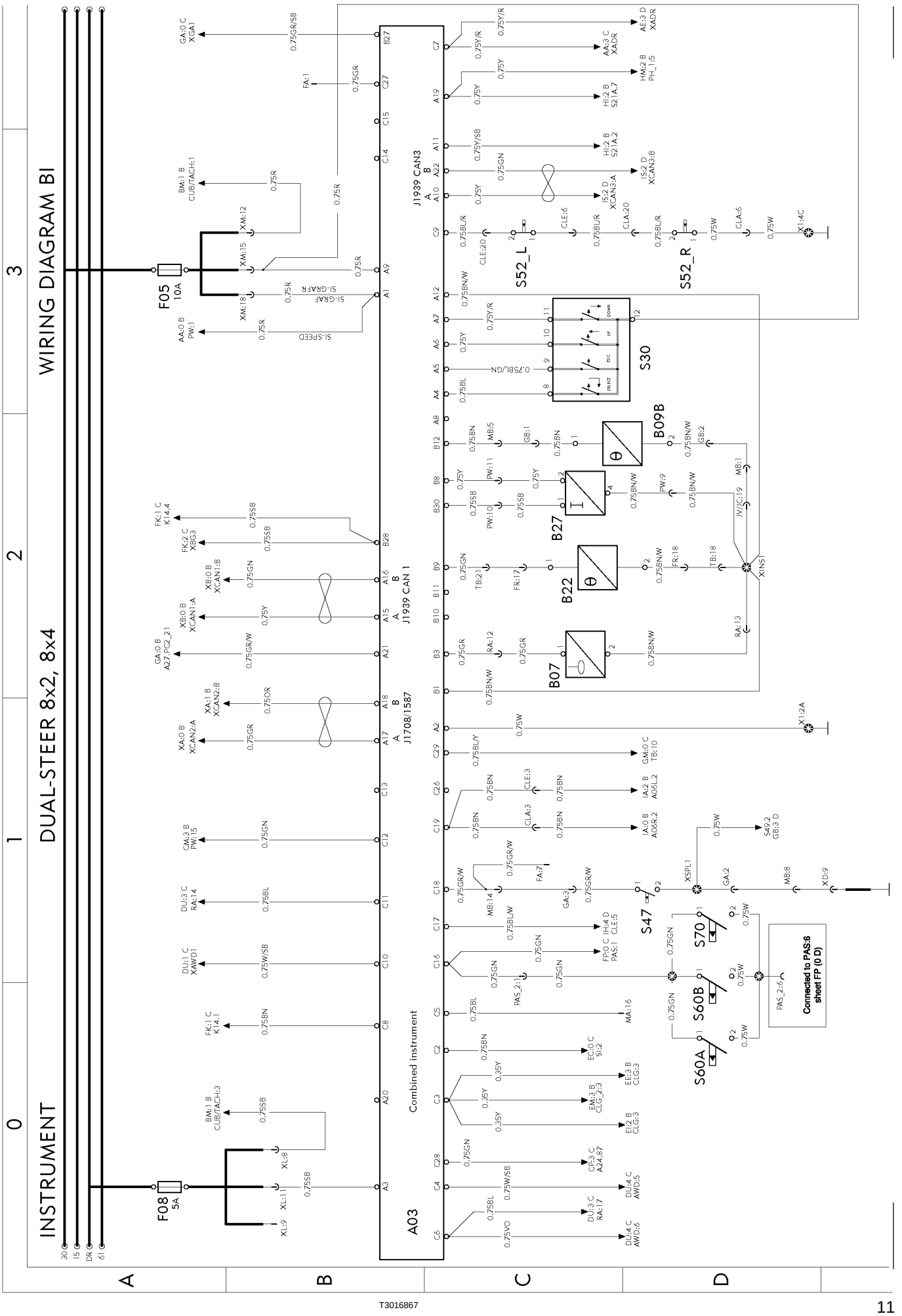
Component wiring diagrams

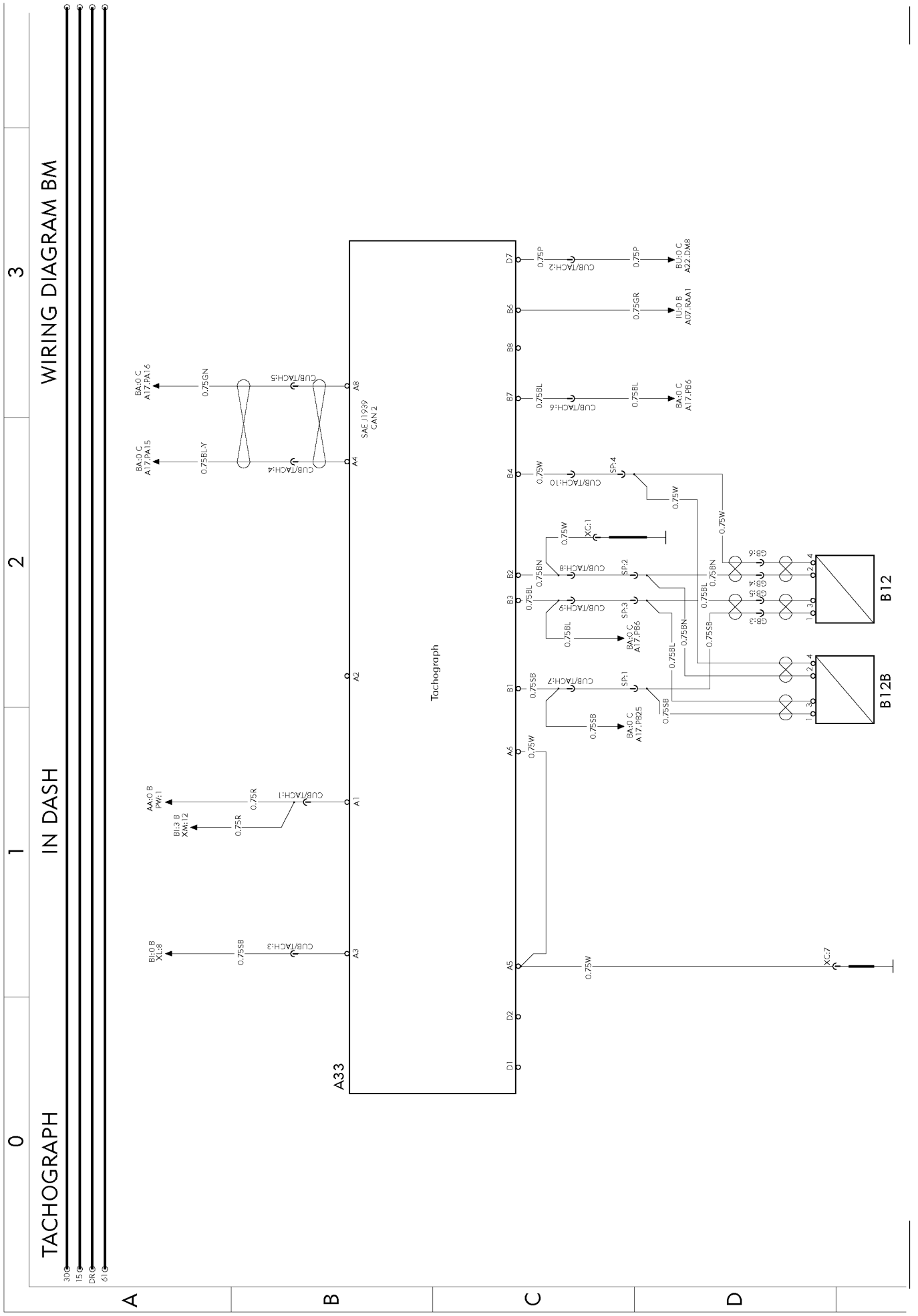



WIRING DIAGRAM AE
ADR, MAIN SWITCH
F76 5A
F58 5A
R17 8K2
K20
FM3 125A
FM1 125A
FM2 200A
FM4 40A
X25
X16
X11 D9 ENGINE
D12 ENGINE
M04
G02
V02
S38
S39
S39_B
K52
A28
G01A
G01B
S15
F91 1A

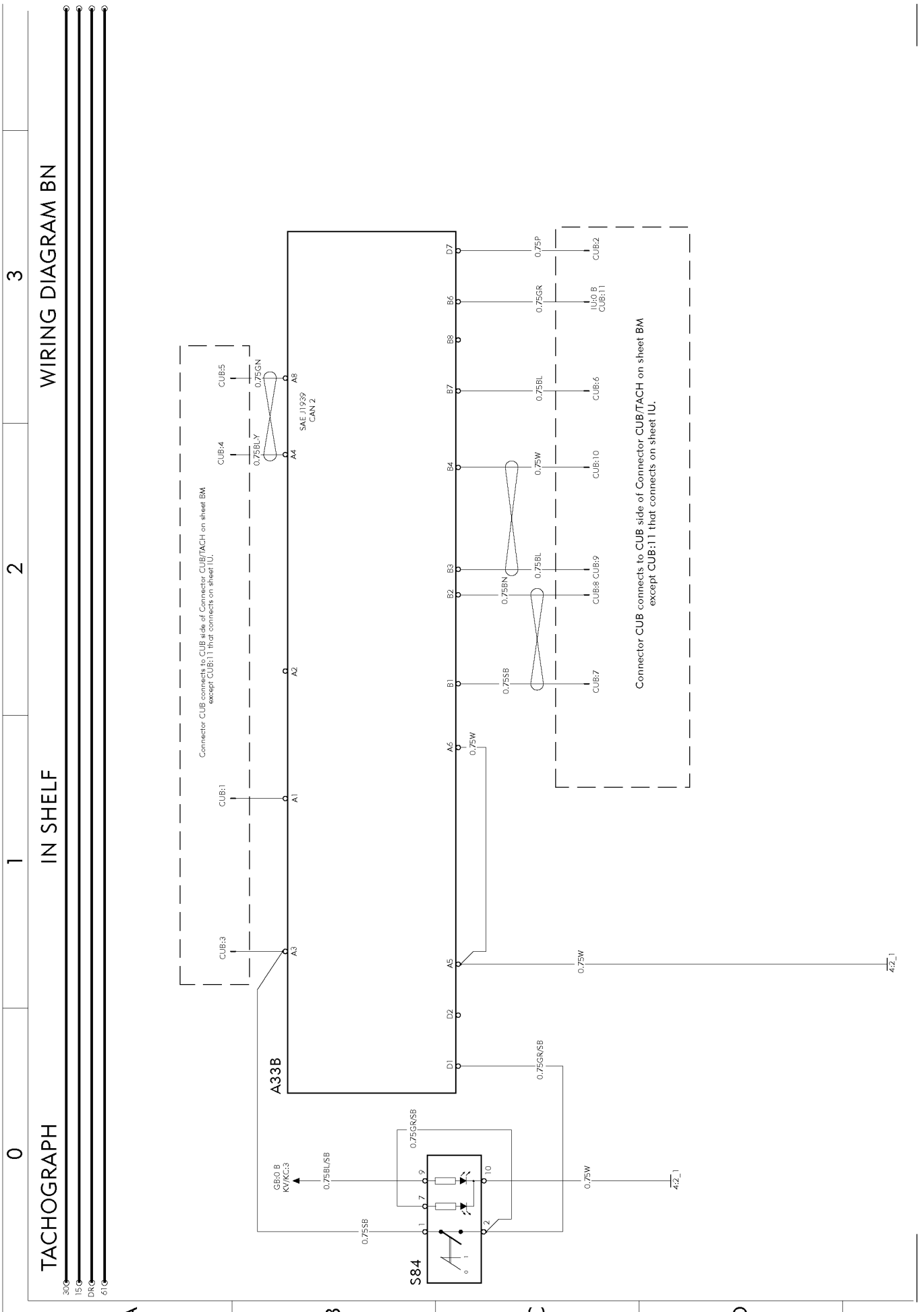

WIRING DIAGRAM BA
VEHICLE ECU
Control unit, VECU (Vehicle ECU)
A17
S24
S25
S07
S59
S58
S43
S71
B25
B06
K02
K08
Y31
Y06
S63
F09 5A
F43 5A
F06 5A
F07 5A
J1939 CAN2
J1939 CAN1
J1708/J1587

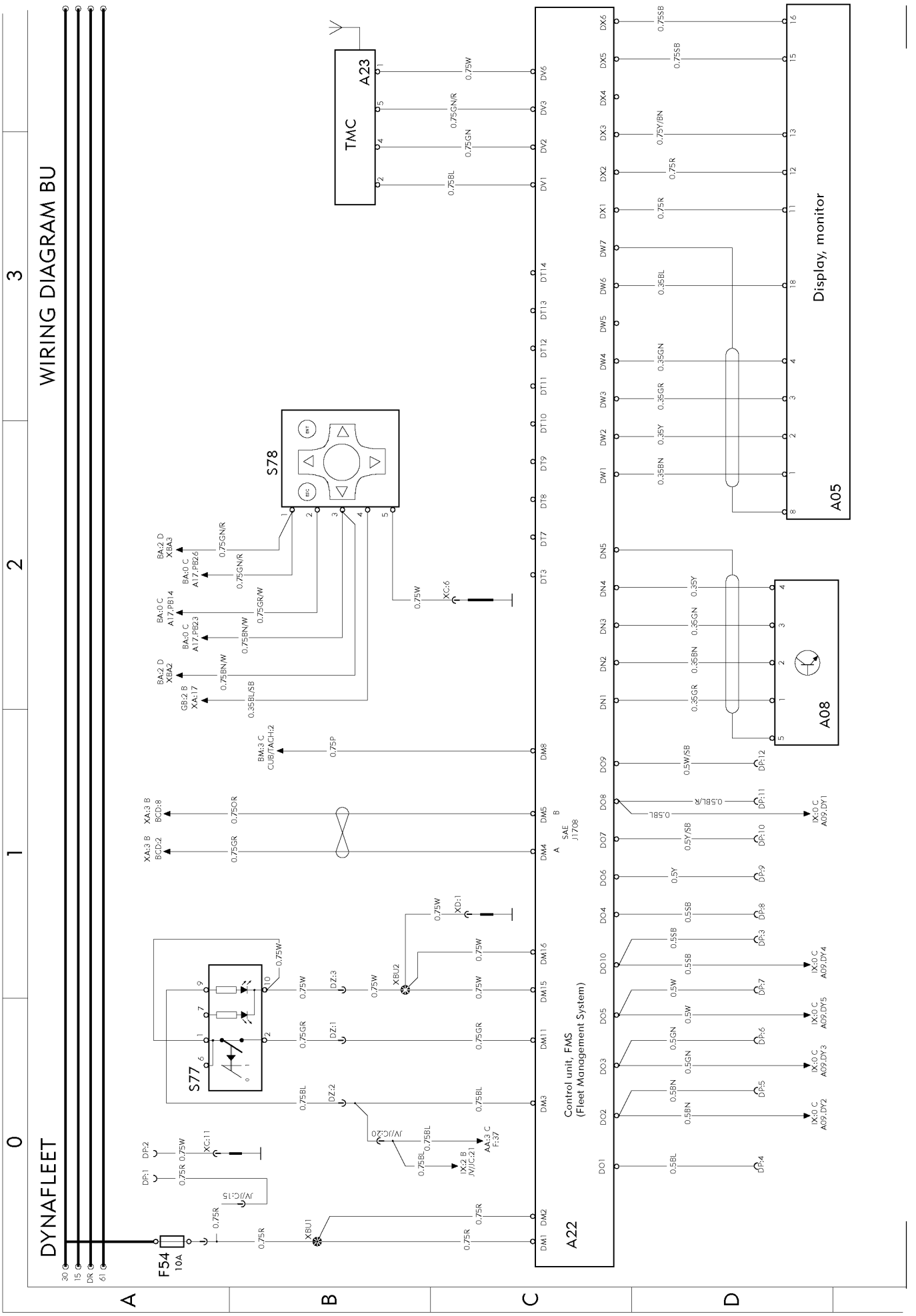

WIRING DIAGRAM BE
ADAPTIVE CRUISE CONTROL
ACC
0
1
2
3
A
B
C
D
30
15
DR
61
F56
5A
A26
ACC Gateway
A75
ACC yawrate
B120
RADAR
CLM:1
CLM:2
CLM:3
CLM:4
CLM:5
CLM:6
CLM:7
CLM:8
SS:1
SS:2
SS:3
SS:4
FL:20
FL:21
FL:22
FL:23
2:1F
0.75SB
0.35SB
0.75Y
0.75GN
0.75GR
0.75OR
0.75BL/W
0.75Y/GR
0.35Y/GR
0.35BL/W
0.35R/W
0.35W
0.35GN/SB
0.75GR/Y
0.5GN
0.5W

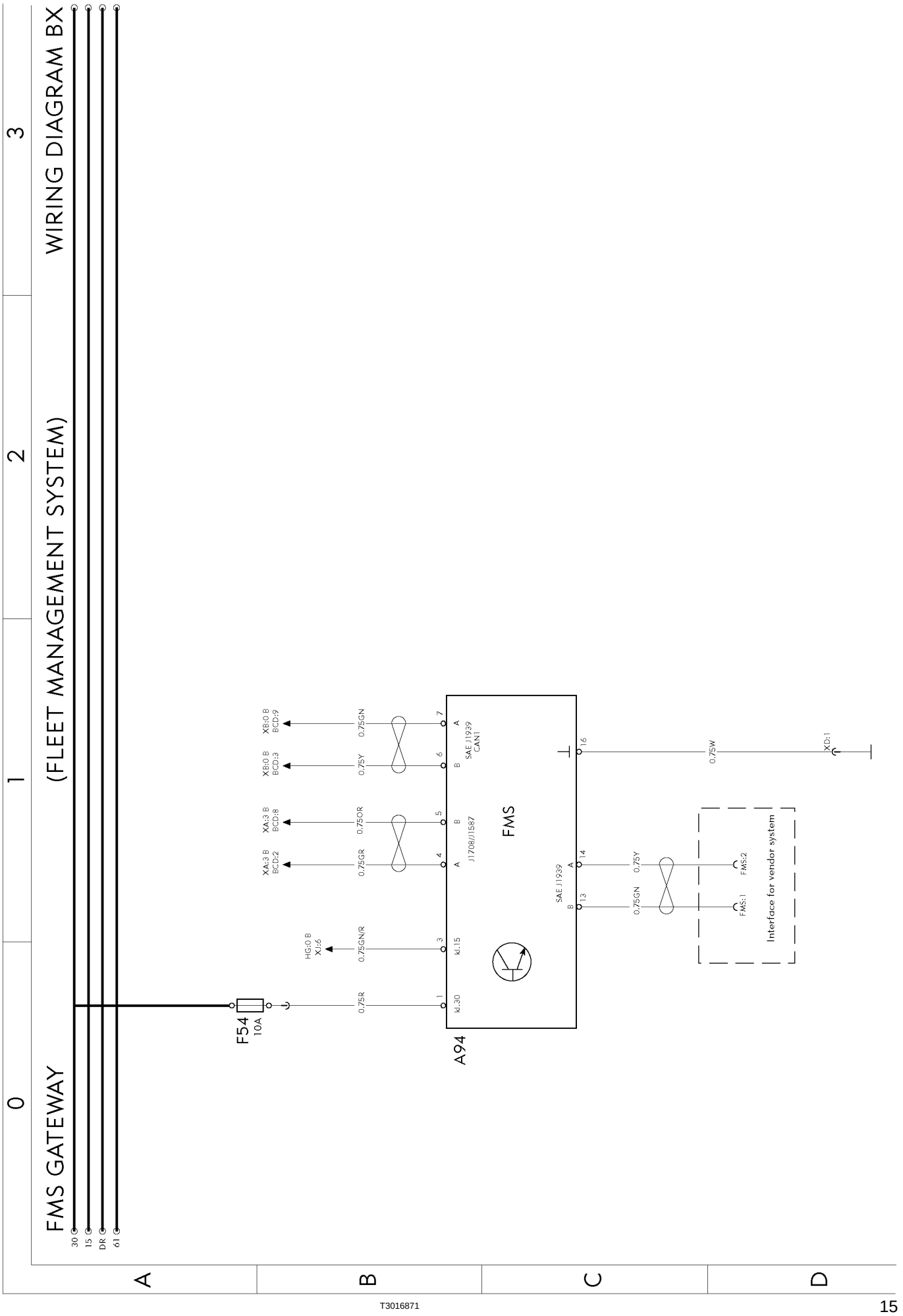

INSTRUMENT
DUAL-STEER 8x2, 8x4
WIRING DIAGRAM BI
0
1
2
3
A
B
C
D
30
15
DR
61
F08
5A
F05
10A
A03
Combined instrument
J1939 CAN 1
J1939 CAN3
J1708/1587
S52_L
S52_R
S30
S47
S70
S60B
S60A
B07
B22
B27
B09B
Connected to PAS:6 sheet FP (0 D)

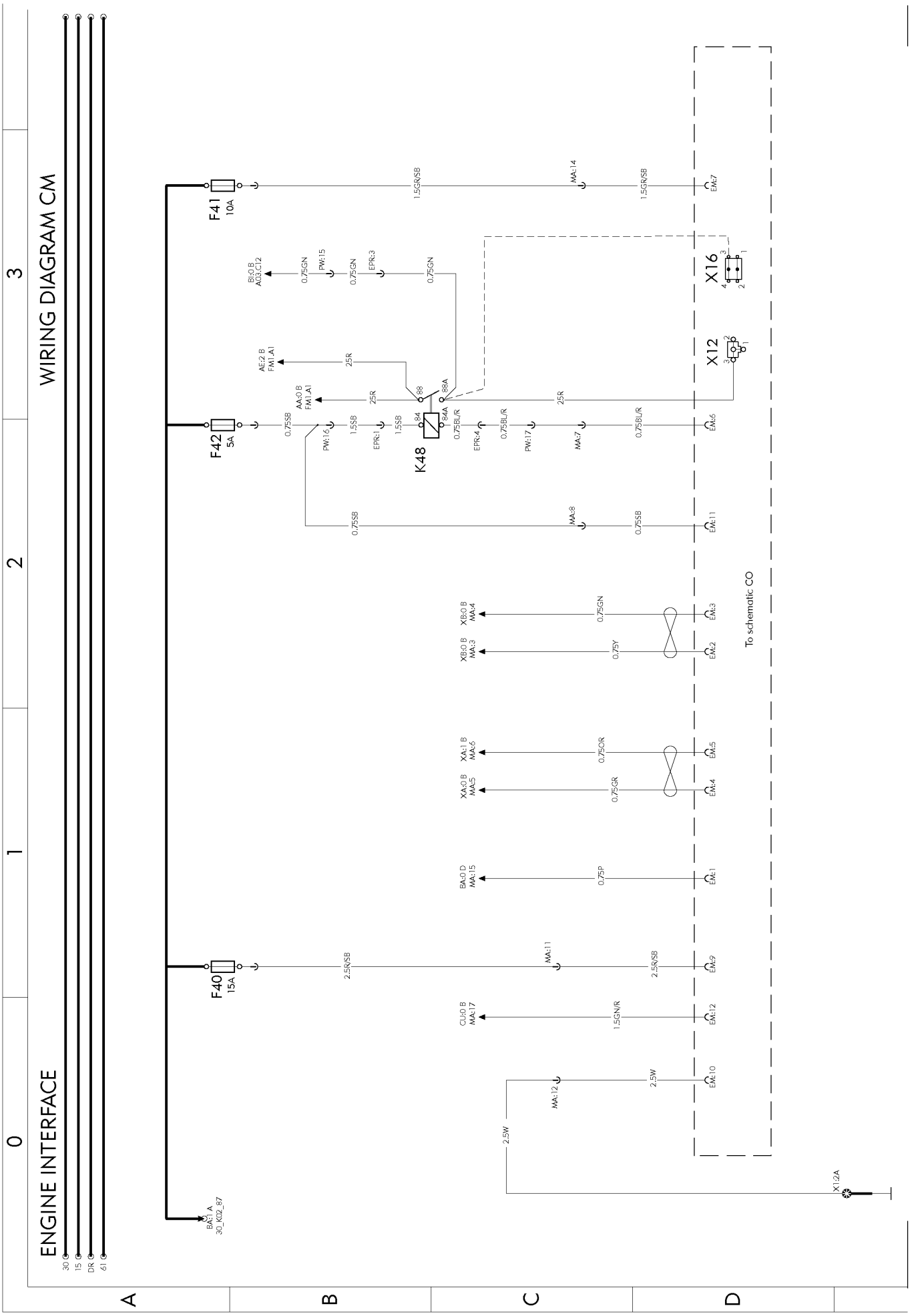

TACHOGRAPH
IN DASH
WIRING DIAGRAM BM
0
1
2
3
A
B
C
D
30
15
DR
61
A33
Tachograph
SAE J1939
CAN 2
B12
B12B
XC:1
XC:7
SP:1
SP:2
SP:3
SP:4
0.75W
0.75BN
0.75BL
0.75SB
0.75R
0.75GN
0.75BL-Y
0.75P
0.75GR

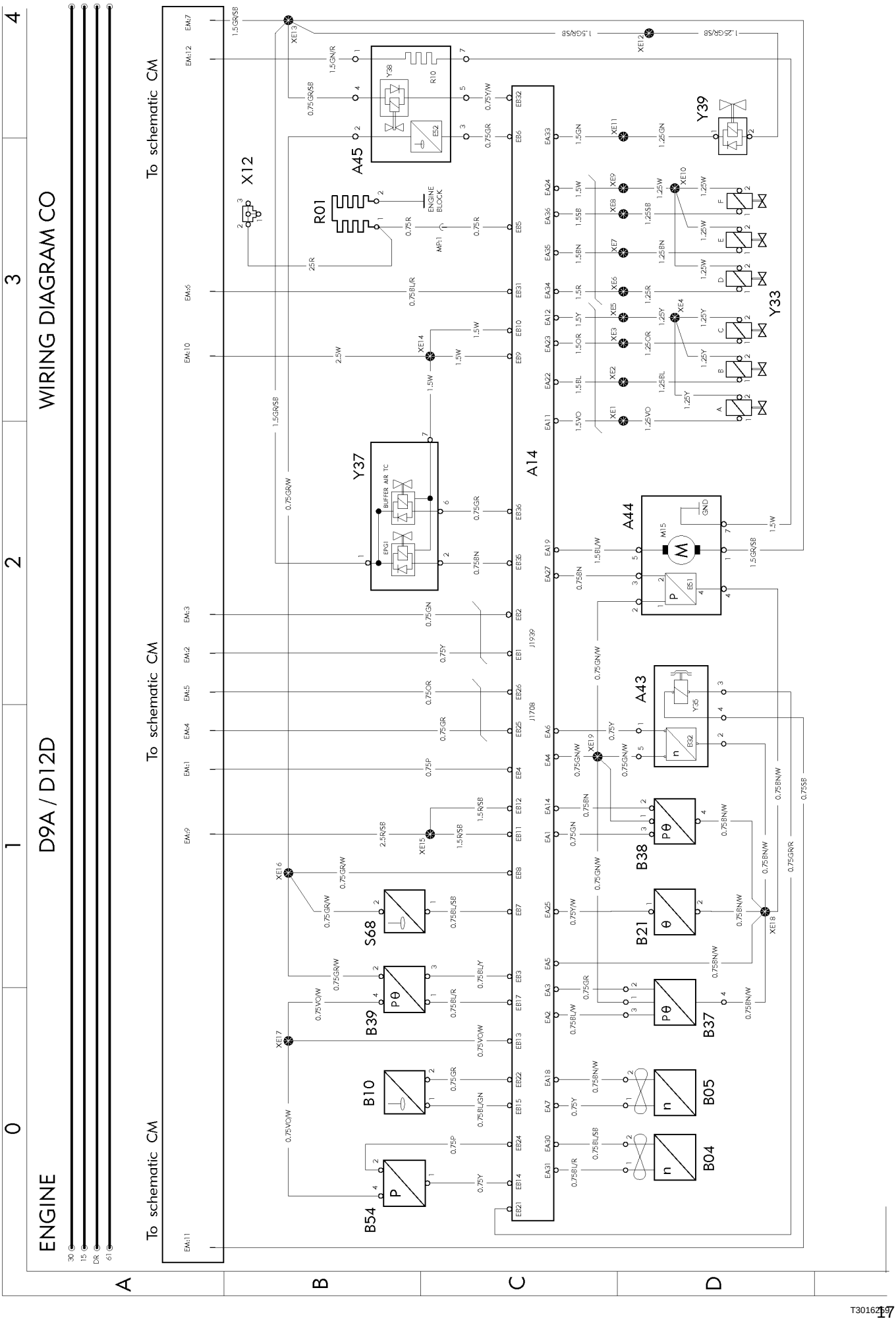
T3016868

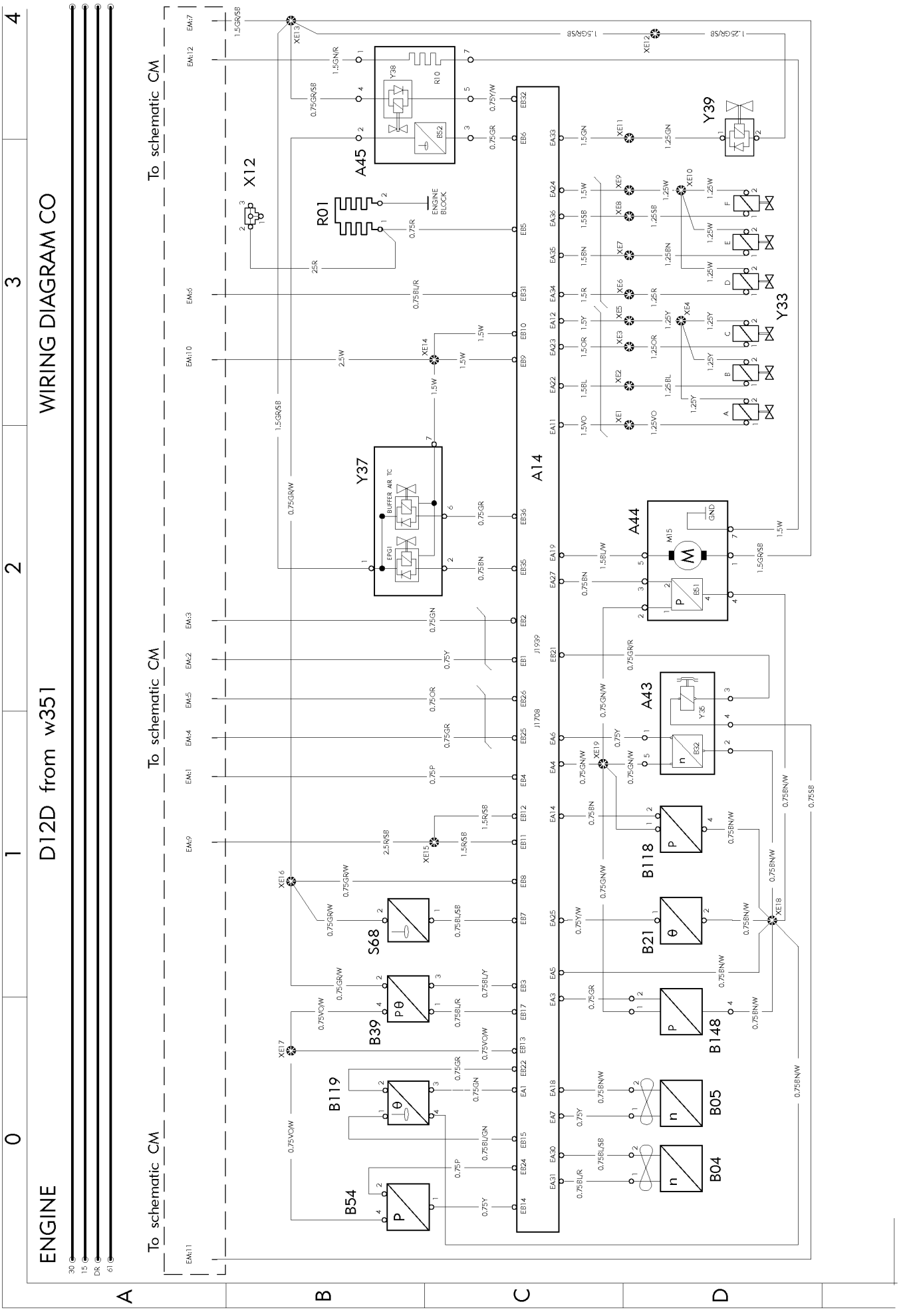

WIRING DIAGRAM BN
IN SHELF
TACHOGRAPH
30
15
DR
61
A33B
S84
SAE J1939
CAN 2
Connector CUB connects to CUB side of Connector CUB/TACH on sheet BM
except CUB:11 that connects on sheet IU.
Connector CUB connects to CUB side of Connector CUB/TACH on sheet BM
except CUB:11 that connects on sheet IU.
0.75GN
0.75BL/Y
0.75W
0.75BN
0.75SB
0.75BL
0.75P
0.75GR
0.75GR/SB
0.75BL/SB
GB:0 B
KV/KC:3
IU:0 B
CUB:11
CUB:1
CUB:2
CUB:3
CUB:4
CUB:5
CUB:6
CUB:7
CUB:8 CUB:9
CUB:10
4:2_1


WIRING DIAGRAM BU
DYNAFLEET
0
1
2
3
A
B
C
D
30
15
DR
61
F54
10A
0.75R
XBU1
A22
Control unit, FMS
(Fleet Management System)
S77
S78
TMC
A23
A05
Display, monitor
A08
SAE
J1708
XBU2
XC:6
XC:11
XC:15
XC:20
XD:1
0.75W
0.75GR
0.75BL
0.75OR
0.75SP
0.75GN/R
0.75GK/W
0.75BN/W
0.35BL/SB
0.75Y/BN
0.75SB
0.35BL
0.35GN
0.35Y
0.35BN
0.35GR
0.5W/SB
0.5BL/R
0.5Y/SB
0.5Y
0.55B
0.5W
0.5GN
0.5BN
0.5BL

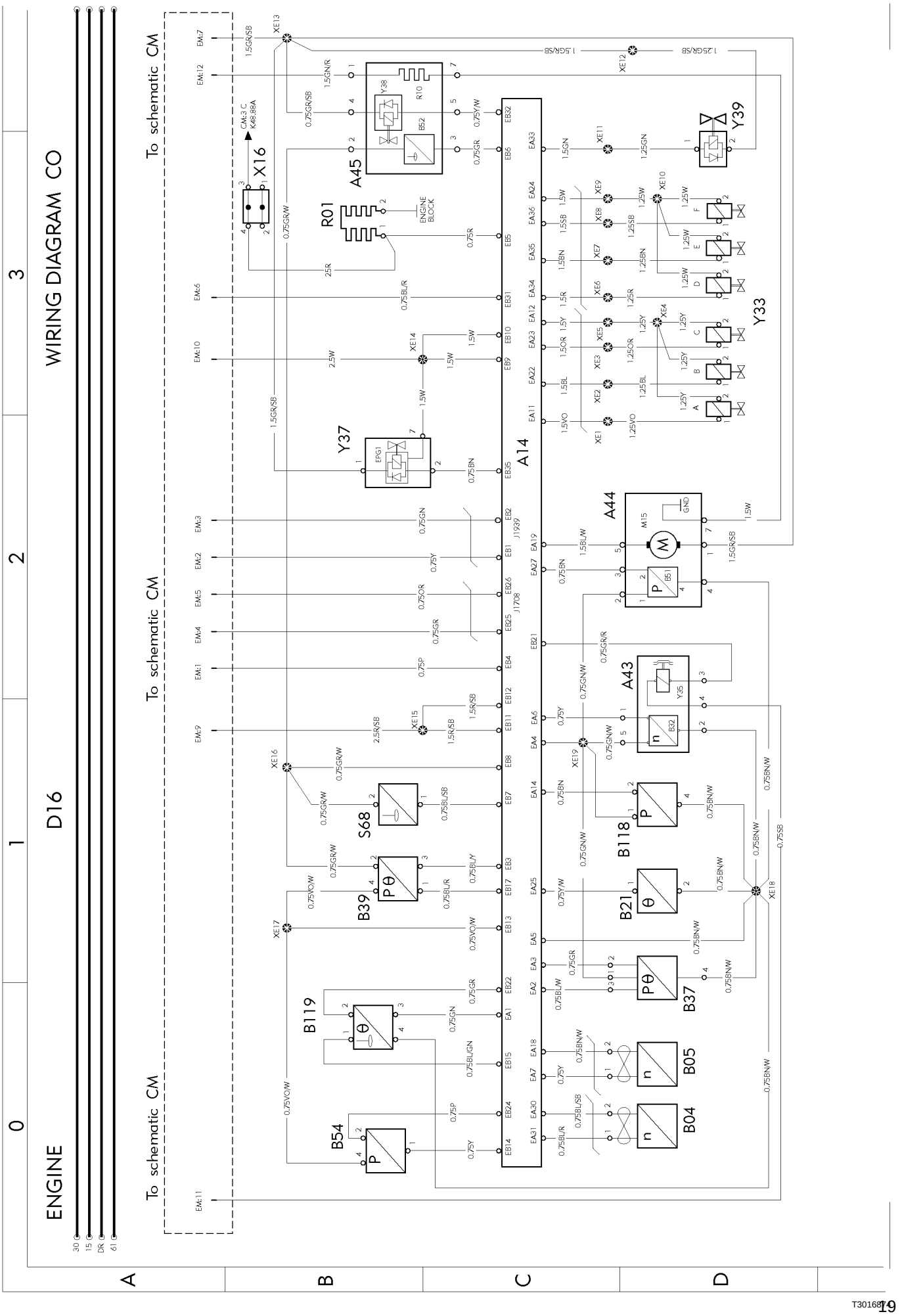

WIRING DIAGRAM BX
(FLEET MANAGEMENT SYSTEM)
FMS GATEWAY
0
1
2
3
A
B
C
D
30
15
DR
61
F54
10A
A94
FMS
kl.30
kl.15
J1708/J1587
SAE J1939
CAN1
SAE J1939
0.75R
0.75GN/R
0.75GR
0.75OR
0.75Y
0.75GN
0.75W
0.75Y
0.75GN
HG:0 B
X1:6
XA:3 B
BCD:2
XA:3 B
BCD:8
XB:0 B
BCD:3
XB:0 B
BCD:9
XD:1
FMS:1
FMS:2
Interface for vendor system

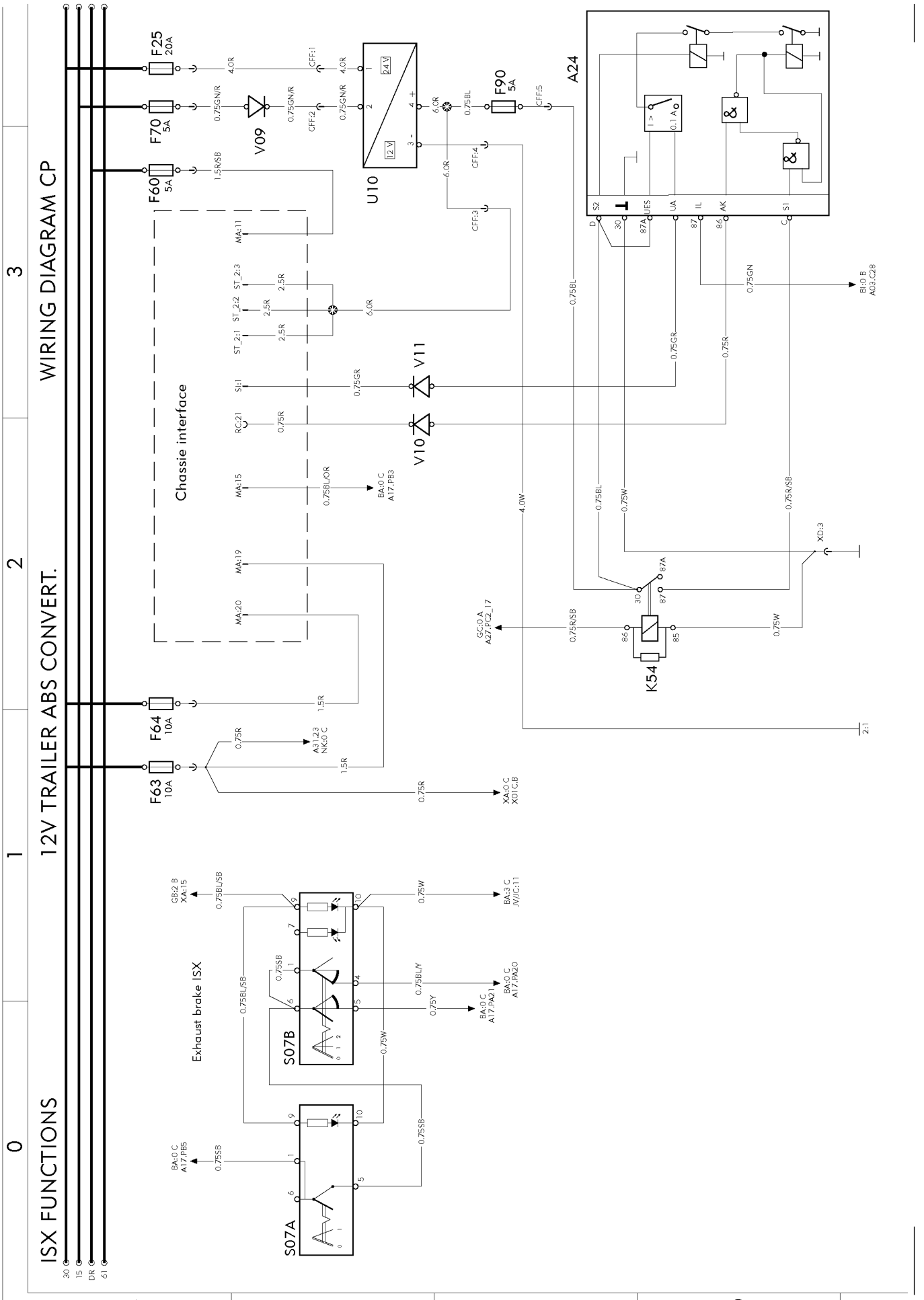

WIRING DIAGRAM CM
ENGINE INTERFACE
30
15
DR
61
F41 10A
F42 5A
F40 15A
K48
X16
X12
X1:2A
To schematic CO
0.75GN
0.75Y
0.75OR
0.75GR
0.75P
2.5R/SB
1.5GN/R
2.5W
1.5GN/SB
0.75SB
0.75BL/R
1.5SB
25R

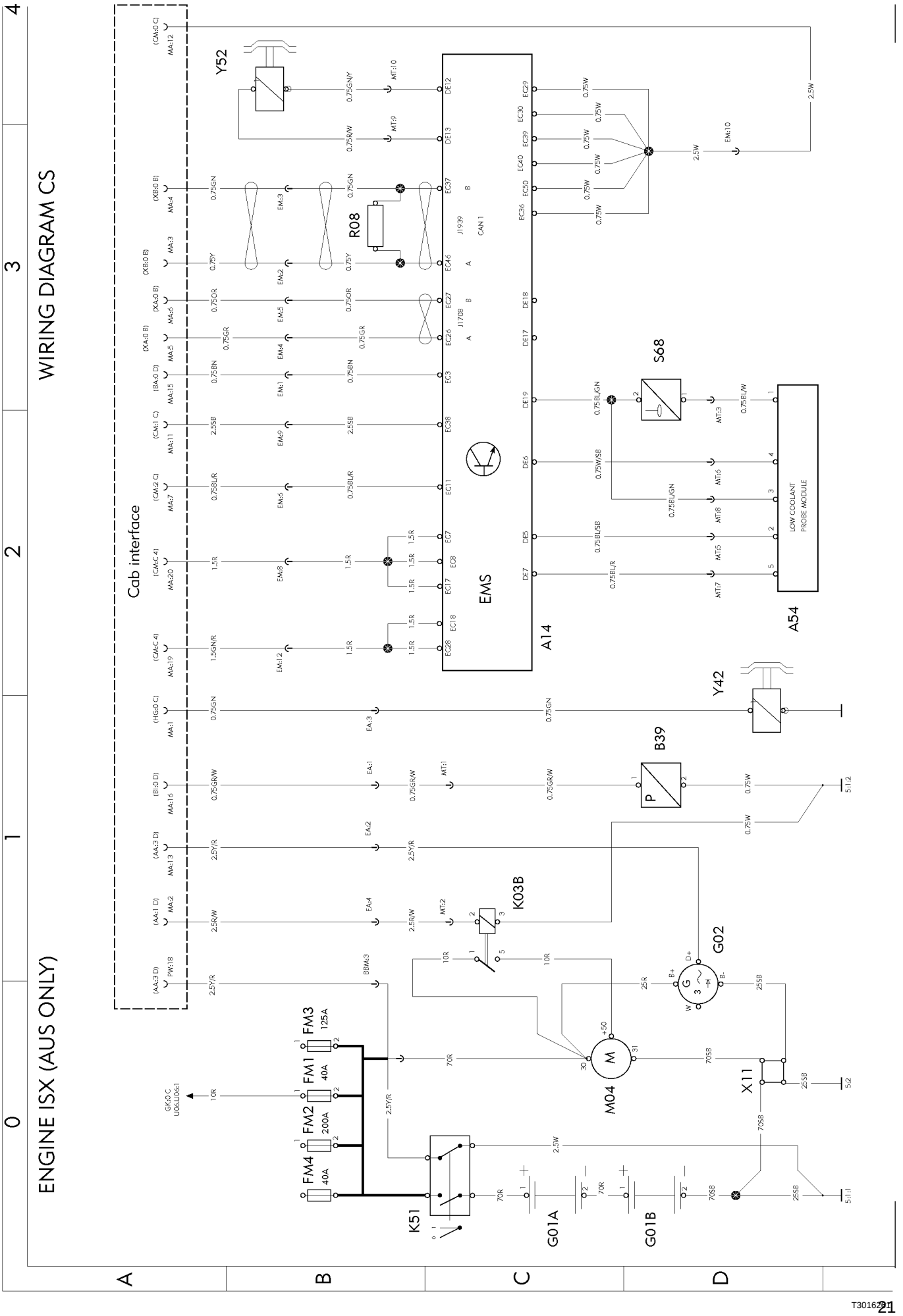

ENGINE
D9A / D12D
WIRING DIAGRAM CO
To schematic CM
A14
A44
A43
A45
X12
Y37
Y33
Y39
R01
B54
B10
B39
S68
B38
B21
B37
B05
B04

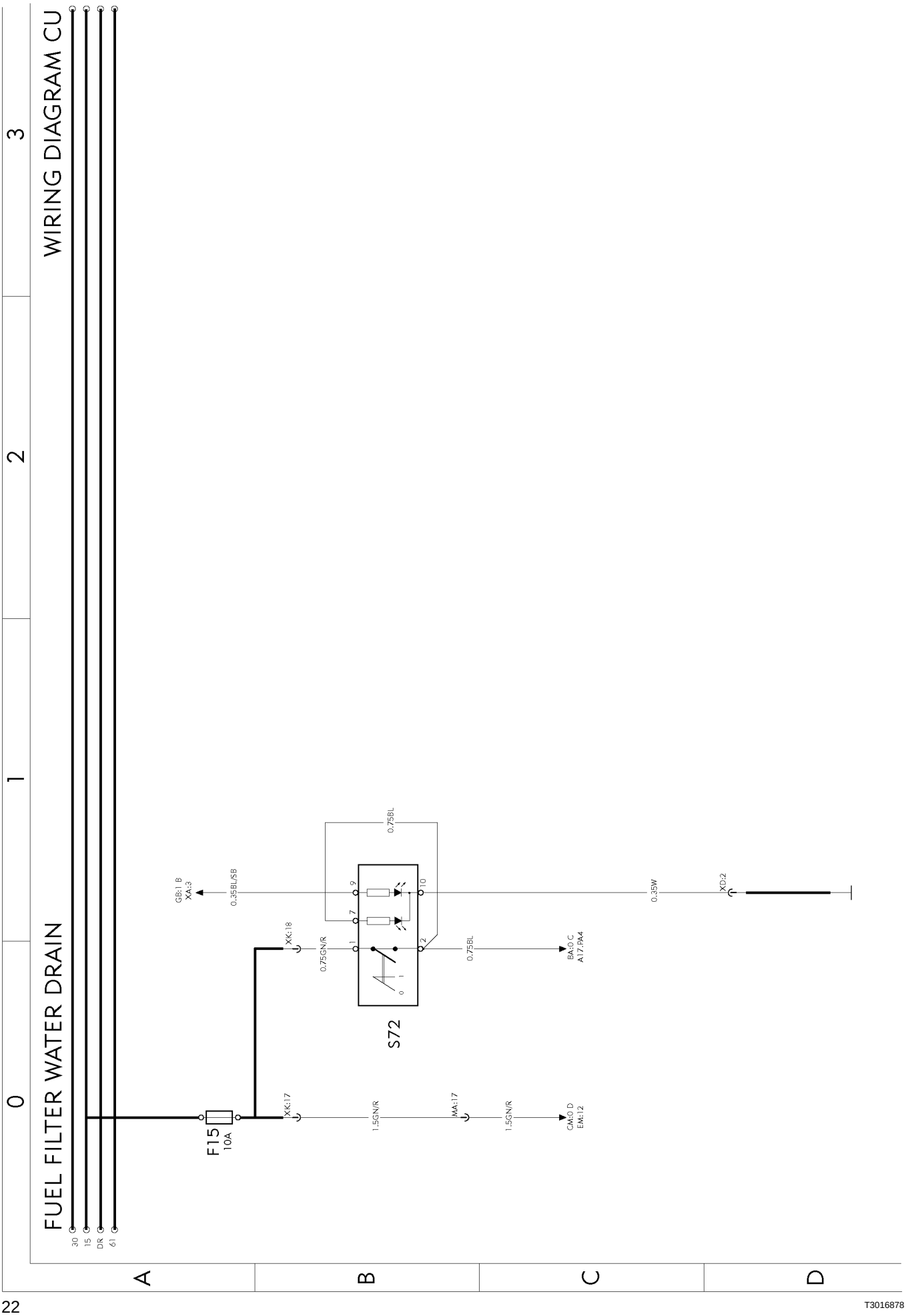

ENGINE
D12D from w351
WIRING DIAGRAM CO
0
1
2
3
4
A
B
C
D
30
15
DR
61
To schematic CM
To schematic CM
To schematic CM
X12
A45
R01
ENGINE BLOCK
Y38
R10
B52
Y39
Y33
Y37
BUFFER AIR TC
EPG1
A14
A44
M15
B51
GND
A43
Y35
B32
B54
B119
B39
S68
B21
B118
B148
B05
B04
XE1
XE2
XE3
XE4
XE5
XE6
XE7
XE8
XE9
XE10
XE11
XE12
XE13
XE14
XE15
XE16
XE17
XE18
XE19
A
B
C
D
E
F

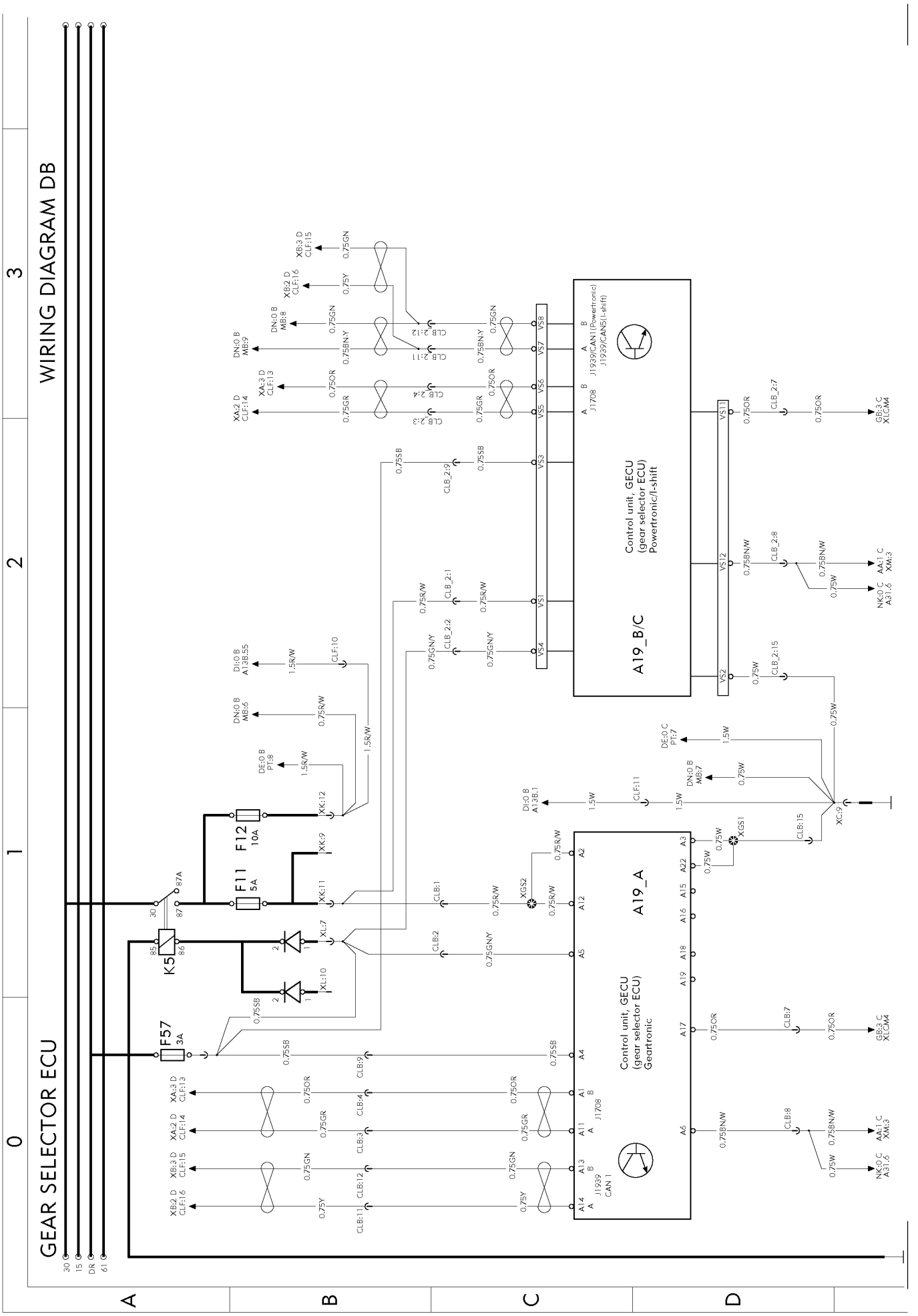
T3016873

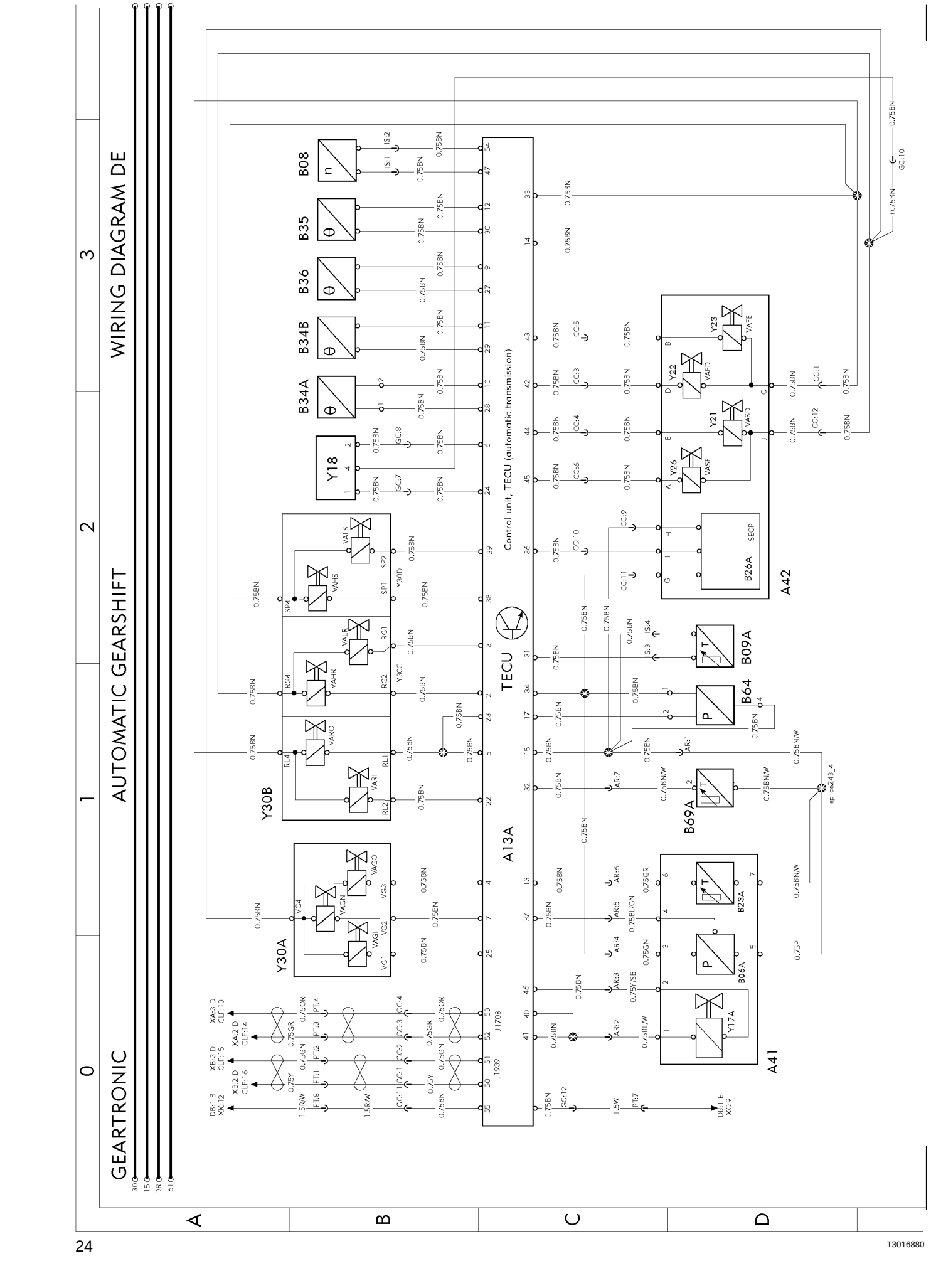

ENGINE
D16
WIRING DIAGRAM CO
0
1
2
3
A
B
C
D
30
15
DR
61
To schematic CM
To schematic CM
To schematic CM
X16
R01
ENGINE BLOCK
A45
A14
A44
A43
Y37
Y33
Y39
S68
B39
B119
B54
B118
B21
B37
B05
B04
B32
B51
M15
GND
Y35
Y38
R10
B52
EPG1

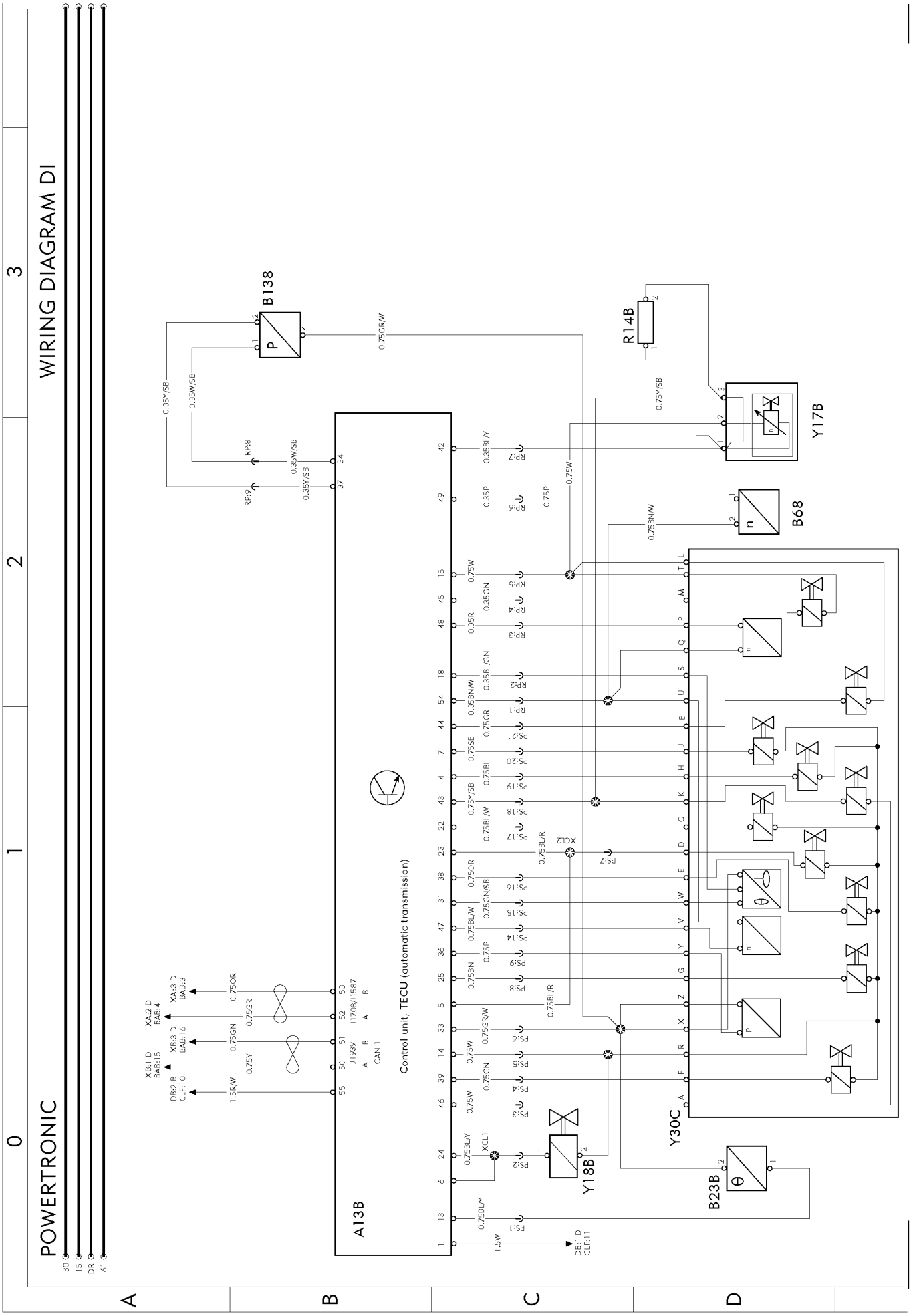

12V TRAILER ABS CONVERT.
WIRING DIAGRAM CP
ISX FUNCTIONS
Chassie interface
Exhaust brake ISX
F25 20A
F70 5A
F60 5A
F64 10A
F63 10A
F90 5A
V09
V10
V11
U10
A24
K54
S07A
S07B
30
15
DR
61

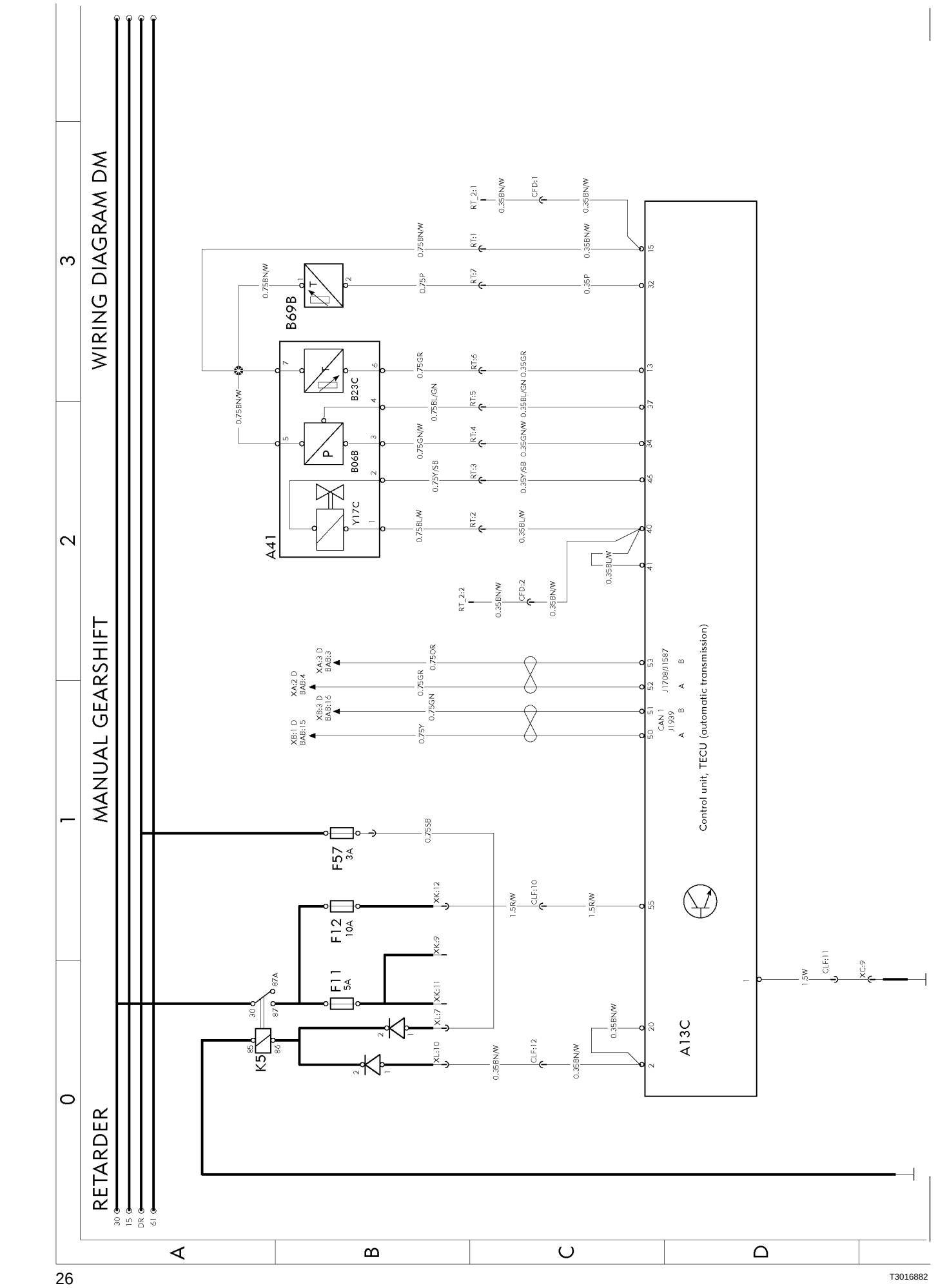

WIRING DIAGRAM CS
ENGINE ISX (AUS ONLY)
Cab interface
EMS
A14
Y52
R08
S68
A54
LOW COOLANT
PROBE MODULE
Y42
B39
K03B
G02
K51
G01A
G01B
M04
X11
FM1 40A
FM2 200A
FM3 125A
FM4 40A
CAN 1

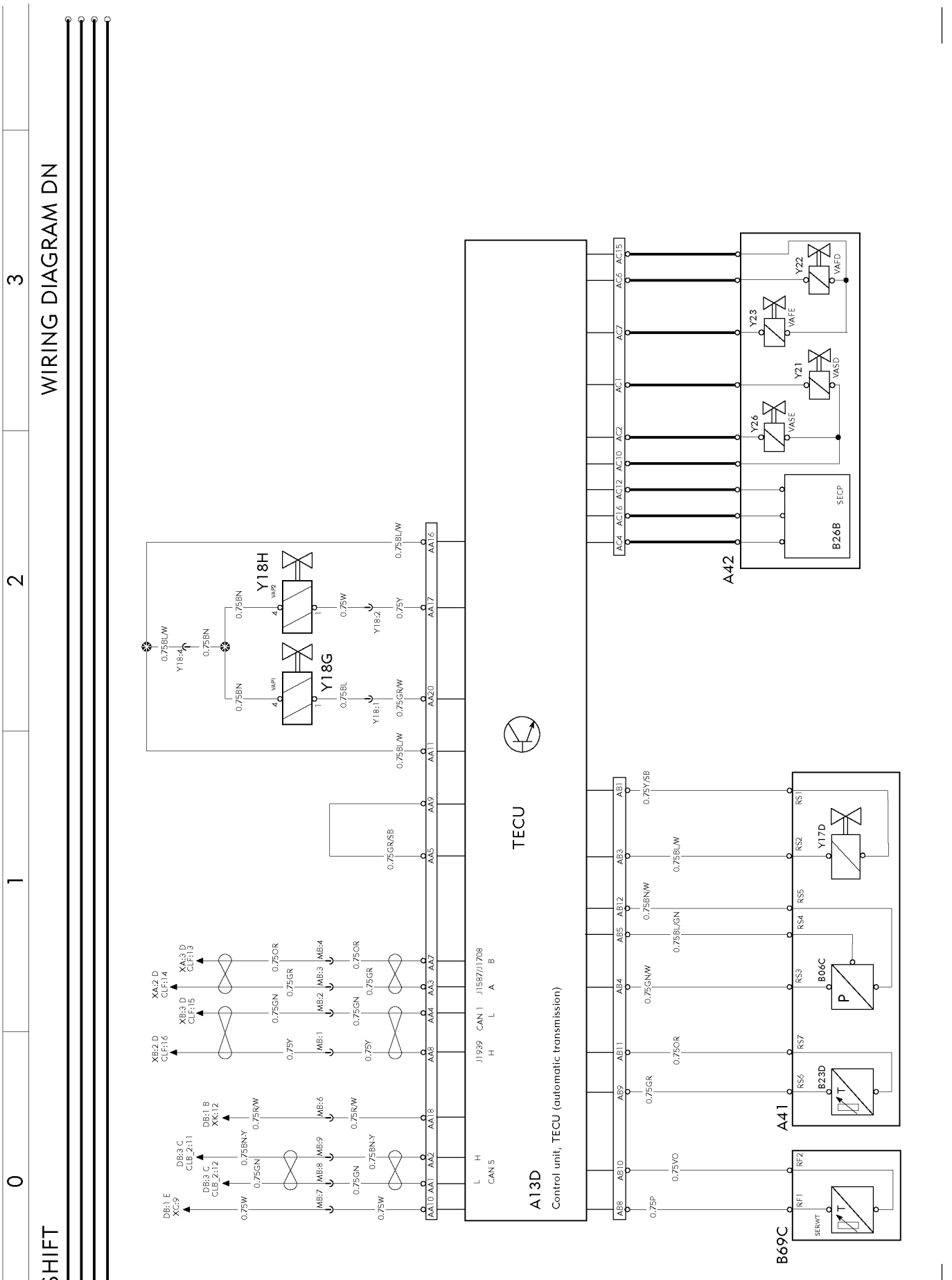

WIRING DIAGRAM CU
FUEL FILTER WATER DRAIN
0
1
2
3
A
B
C
D
30
15
DR
61
F15
10A
XK:17
XK:18
1.5GN/R
MA:17
CM:0 D
EM:12
0.75GN/R
0.75BL
S72
GB:1 B
XA:3
0.35BL/SB
0.35W
XD:2
BA:0 C
A17.PA4

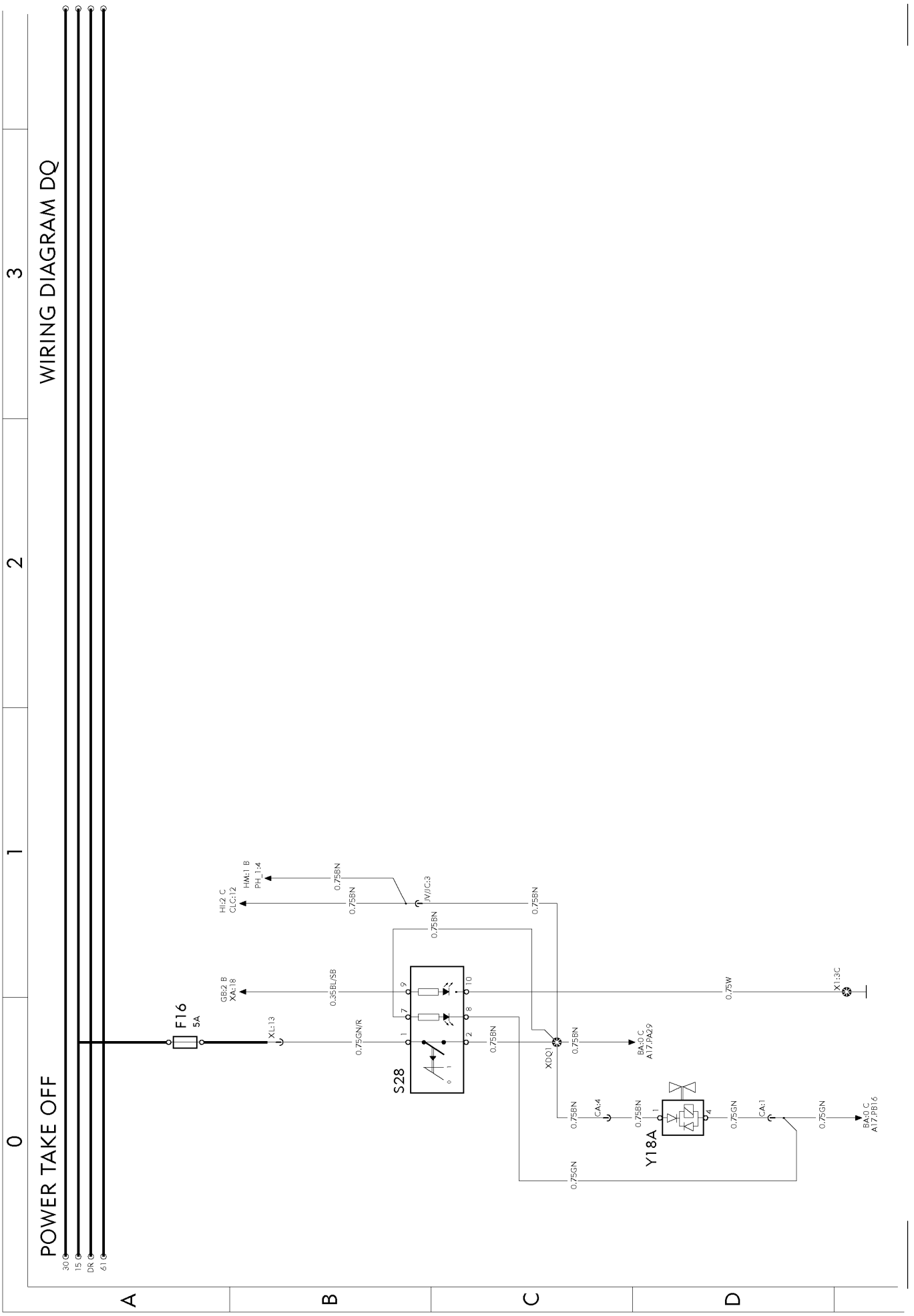

WIRING DIAGRAM DB
GEAR SELECTOR ECU
30
15
DR
61
F57 3A
F11 5A
F12 10A
K5
87A
Control unit, GECU (gear selector ECU) Geartronic
A19_A
Control unit, GECU (gear selector ECU) Powertronic/I-shift
A19_B/C
J1939 CAN 1
J1708
J1939/CAN1 (Powertronic)
J1939/CAN5 (I-shift)
XGS1
XGS2
XC:9
0.75SB
0.75R/W
0.75GN/Y
0.75OR
0.75GR
0.75BN-Y
0.75GN
0.75Y
1.5R/W
1.5W
0.75W
0.75BN/W


GEARTRONIC
AUTOMATIC GEARSHIFT
WIRING DIAGRAM DE
TECU
Control unit, TECU (automatic transmission)
A13A
A41
A42
Y30B
Y30A
Y18
B34A
B34B
B36
B35
B08
B69A
B09A
B64
B06A
B23A
B26A
Y17A
Y21
Y22
Y23
Y26
30
15
DR
61

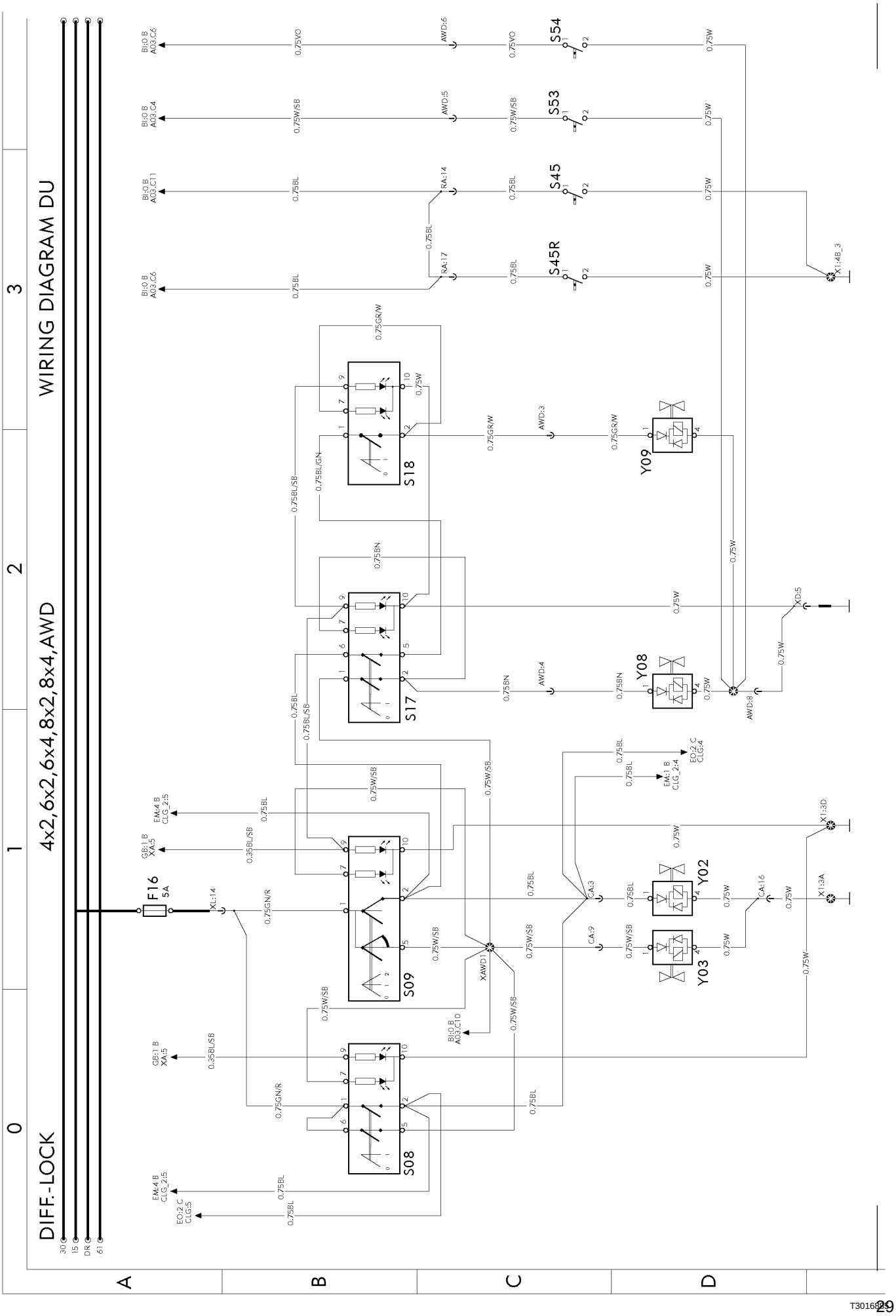

POWERTRONIC
WIRING DIAGRAM DI
A13B
Control unit, TECU (automatic transmission)
B138
R14B
Y17B
B68
Y30C
Y18B
B23B
CAN 1
J1939
J1708/J1587

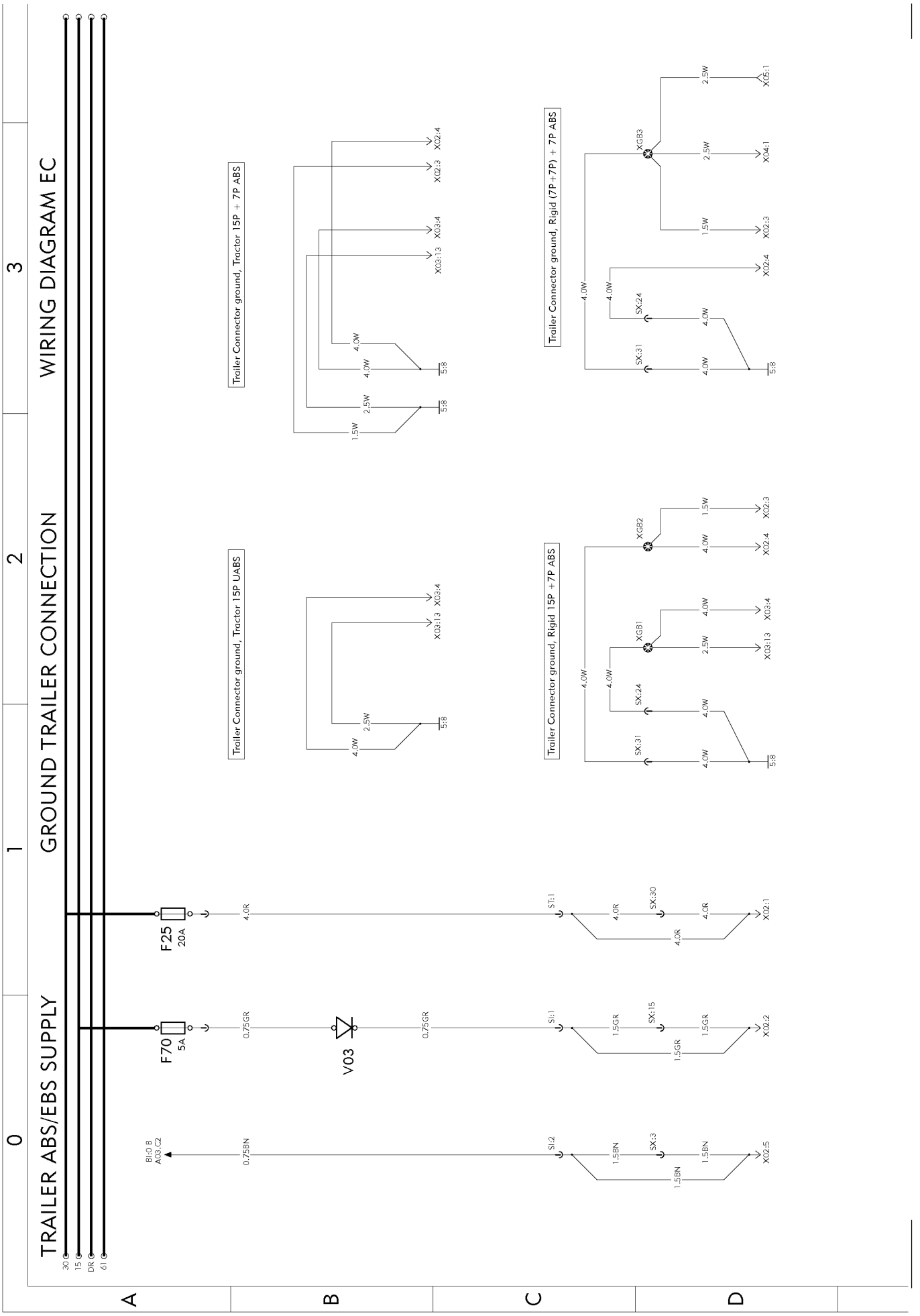

WIRING DIAGRAM DM
MANUAL GEARSHIFT
RETARDER
Control unit, TECU (automatic transmission)
A13C
A41
Y17C
B06B
B23C
B69B
K5
F57 3A
F12 10A
F11 5A
CAN 1 J1939
CAN 1 J1708/J1587
0.75BN/W
0.75P
0.75GR
0.75BL/GN
0.75GN/W
0.75Y/SB
0.75BL/W
0.75OR
0.75SB
0.75GN
0.75Y
0.35BN/W
0.35P
0.35GR
0.35BL/GN
0.35GN/W
0.35Y/SB
0.35BL/W
1.5R/W
1.5W

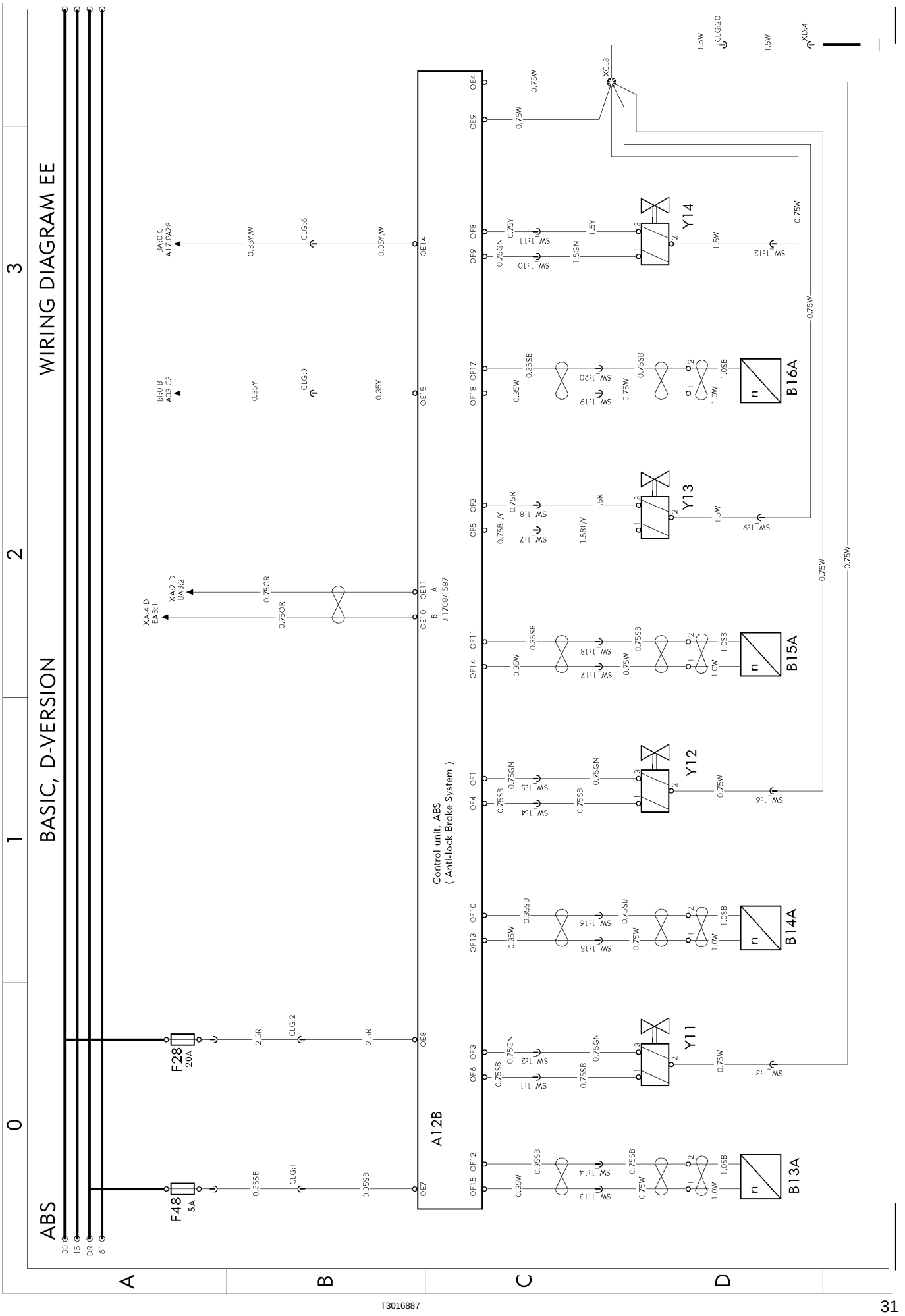

WIRING DIAGRAM DN
I-SHIFT
30
15
DR
61
A13D
Control unit, TECU (automatic transmission)
TECU
CAN 5
J1939 CAN 1 J1587/J1708
A42
B26B SECP
Y18H
Y18G
Y22 VAFD
Y23 VAFE
Y21 VASD
Y26 VASE
A41
B23D
B06C
Y17D
B69C
SERVIT

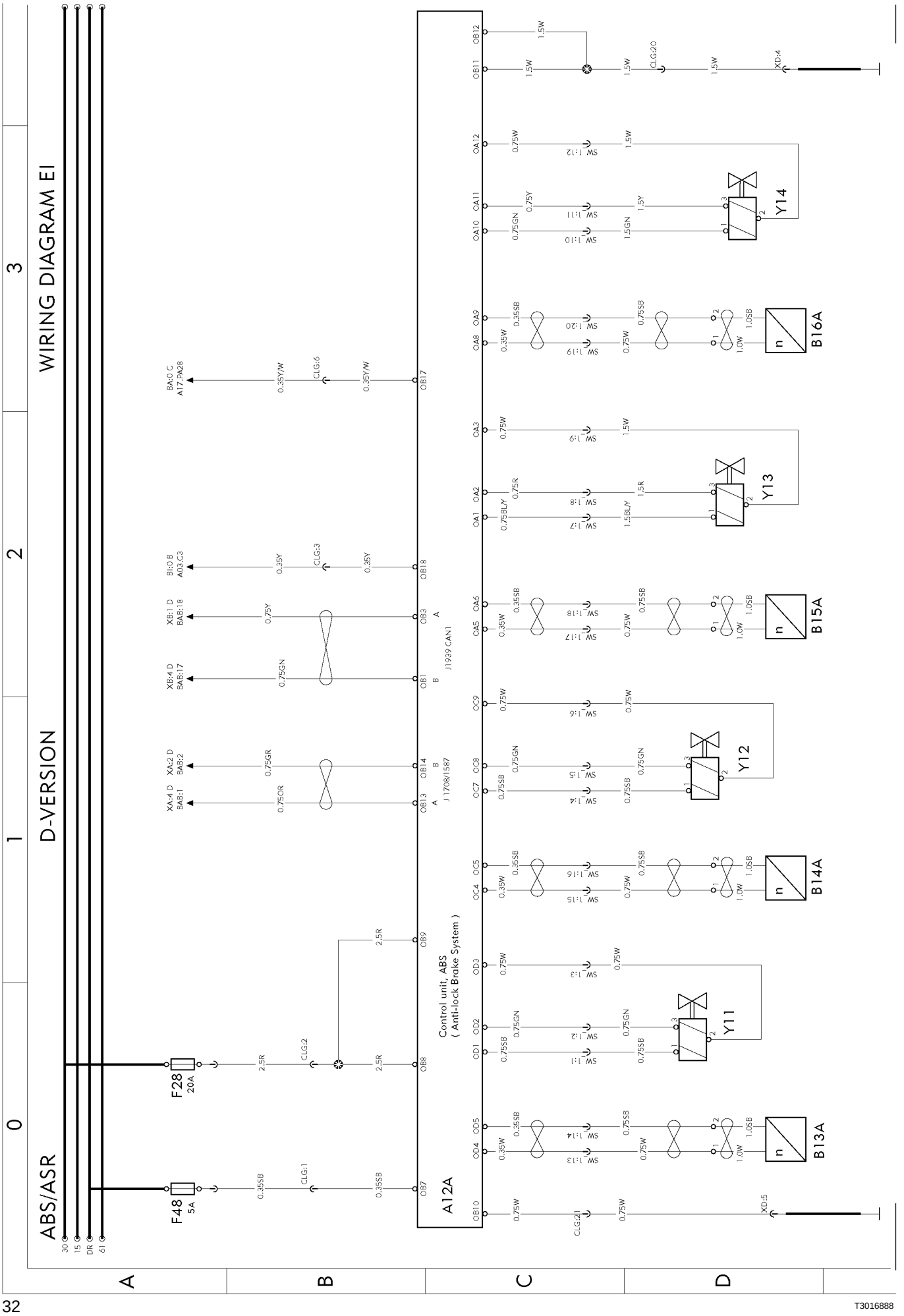

WIRING DIAGRAM DQ
POWER TAKE OFF
30
15
DR
61
F16
5A
X1:13
0.75GN/R
S28
GB:2 B
XA:18
0.35BL/SB
HI:2 C
CLC:12
HM:1 B
PH_1:4
0.75BN
JV/JC:3
0.75W
X1:3C
XDQ1
BA:10 C
A17:PA29
CA:4
CA:1
Y18A
BA:0 C
A17:PB16
0.75GN

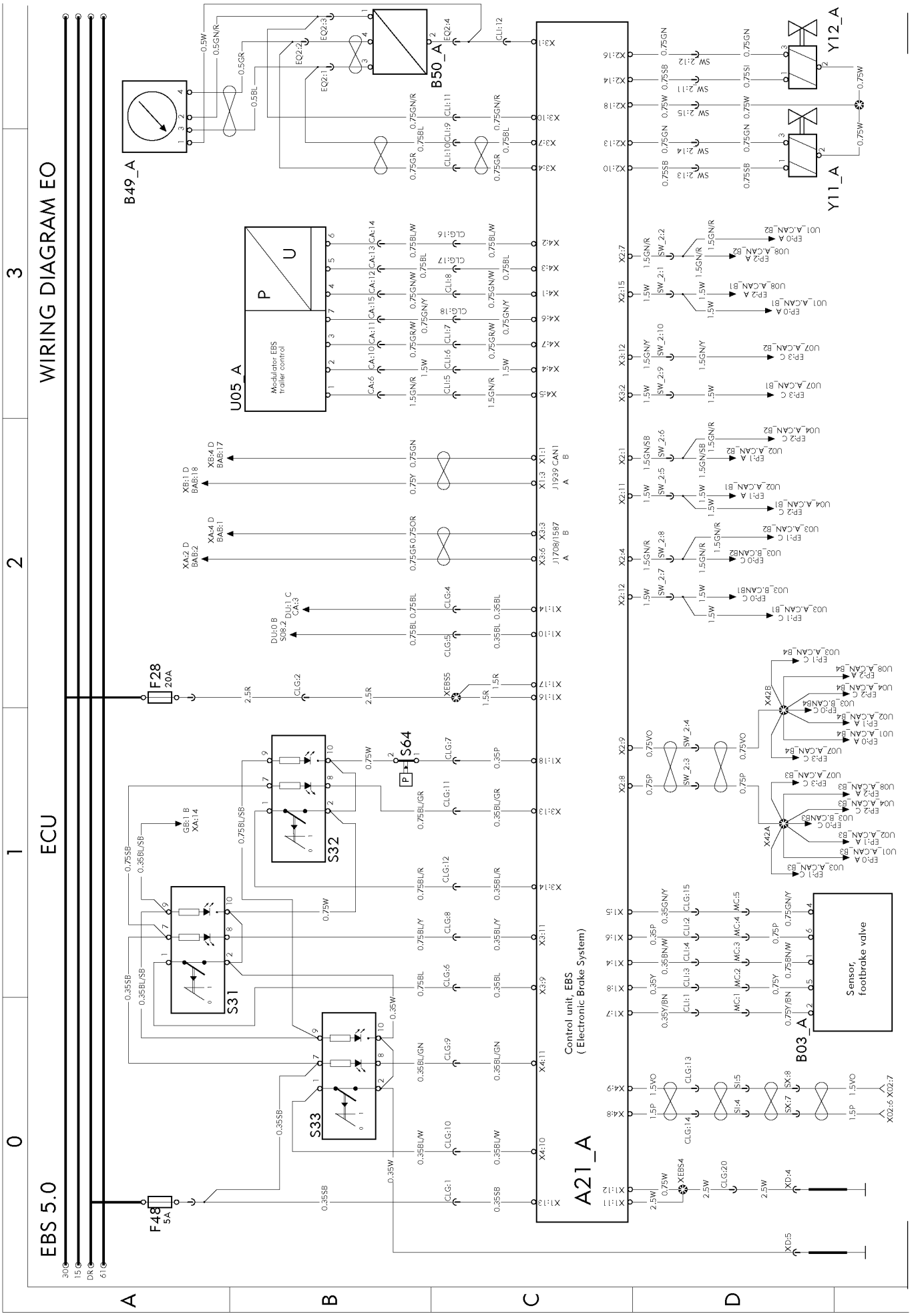
T3016884

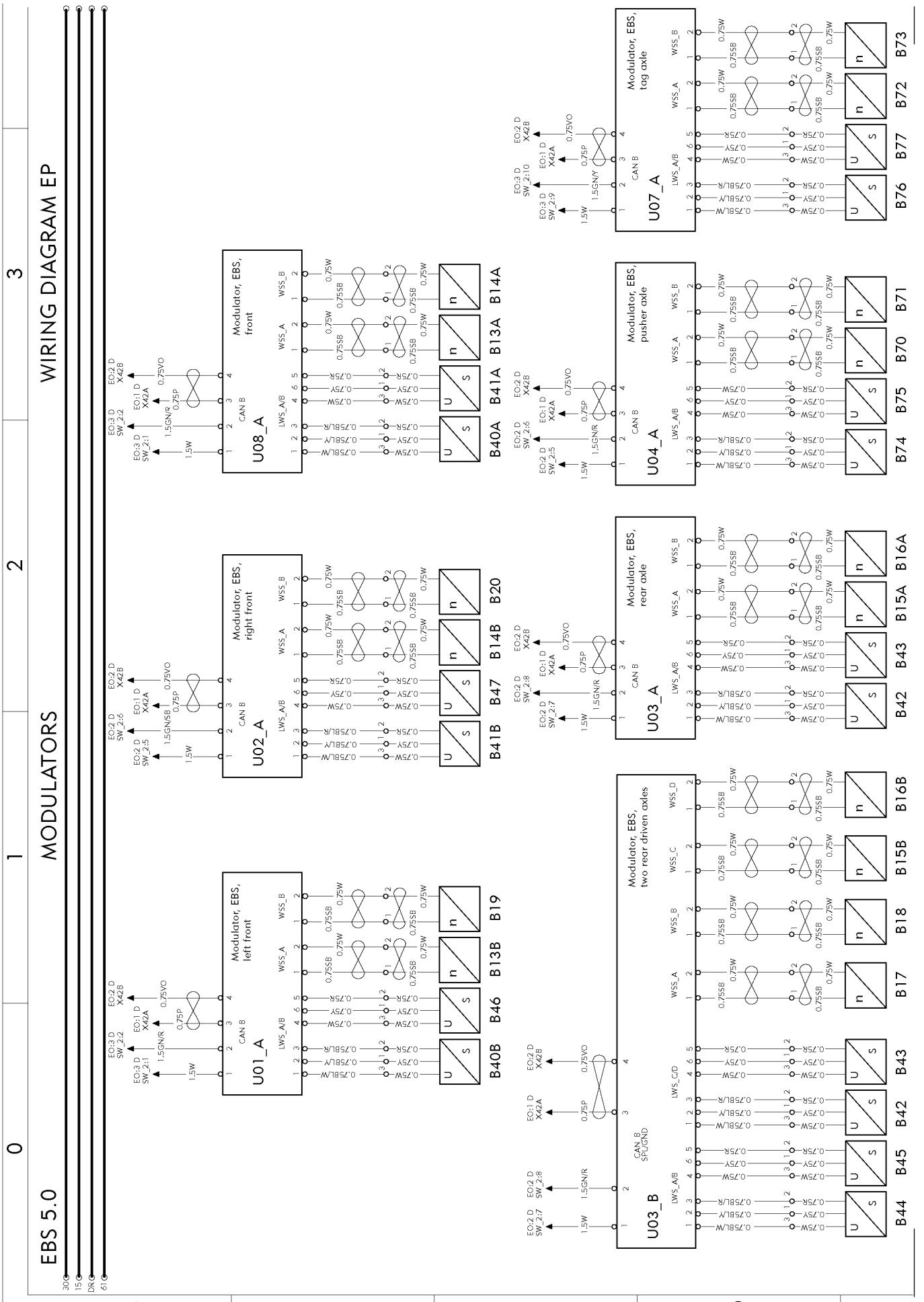

DIFF.-LOCK
4x2,6x2,6x4,8x2,8x4,AWD
WIRING DIAGRAM DU
0
1
2
3
A
B
C
D
30
15
DR
61
F16
5A
XL:14
S08
S09
S17
S18
S45
S45R
S53
S54
Y02
Y03
Y08
Y09
XAWD:1
AWD:3
AWD:4
AWD:5
AWD:6
AWD:8
RA:14
RA:17
CA:3
CA:9
CA:16
XD:5
X1:3D
X1:3A
X1:48_3
0.75GN/R
0.75W/SB
0.75BL
0.75BL/SB
0.75BL/GN
0.75BN
0.75GR/W
0.75VO
0.75W
0.35BL/SB

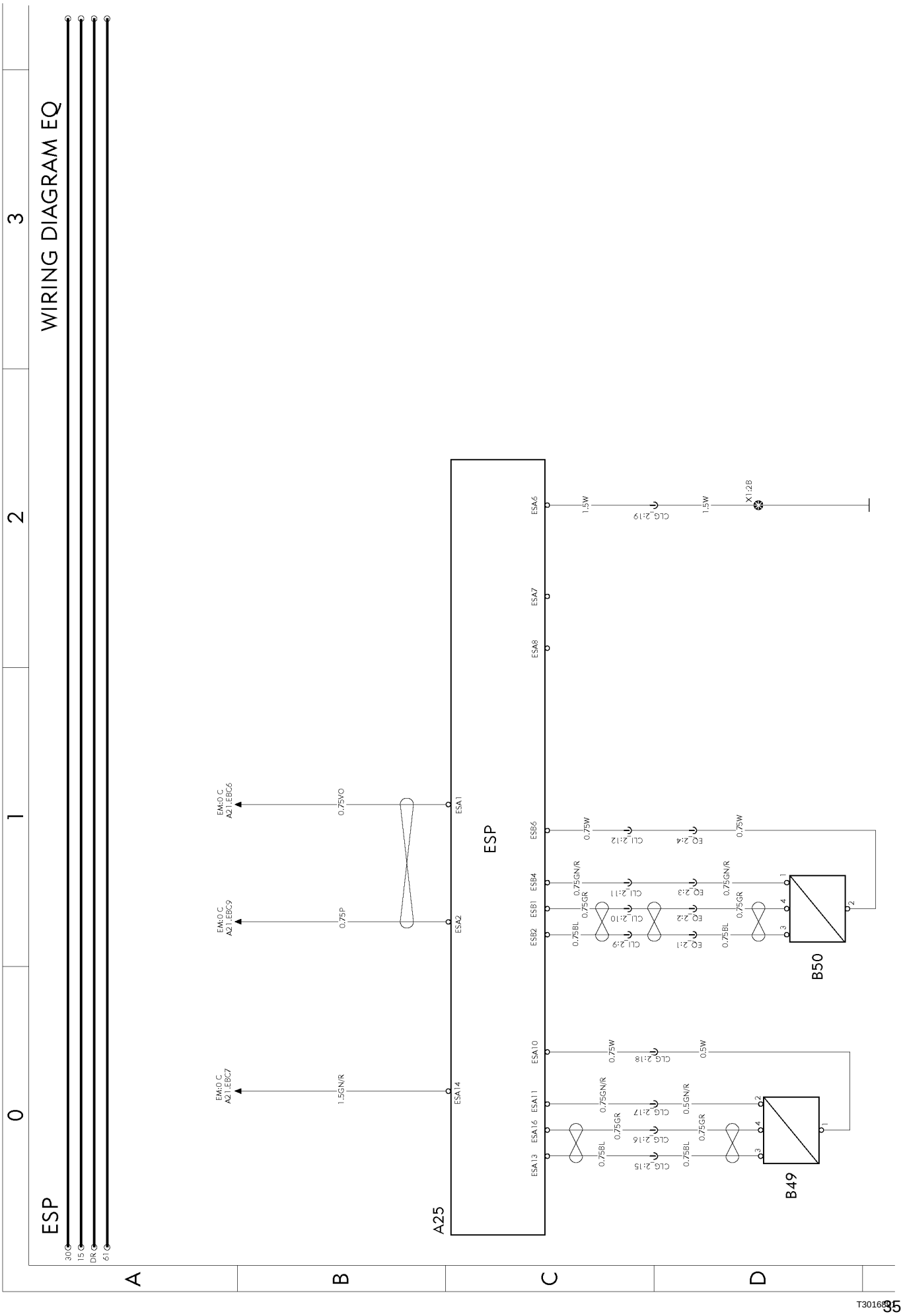

TRAILER ABS/EBS SUPPLY
GROUND TRAILER CONNECTION
WIRING DIAGRAM EC
0
1
2
3
A
B
C
D
30
15
DR
61
F25
20A
F70
5A
V03
Bl:0 B
A03.C2
0.75BN
0.75GR
4.0R
SI:2
SI:1
ST:1
SX:3
SX:15
SX:30
1.5BN
1.5GR
4.0R
X02:5
X02:2
X02:1
Trailer Connector ground, Tractor 15P UABS
Trailer Connector ground, Tractor 15P + 7P ABS
Trailer Connector ground, Rigid 15P +7P ABS
Trailer Connector ground, Rigid (7P+7P) + 7P ABS
XGB1
XGB2
XGB3
SX:24
SX:31
4.0W
2.5W
1.5W
X03:13
X03:4
X02:3
X02:4
X04:1
X05:1
5:8

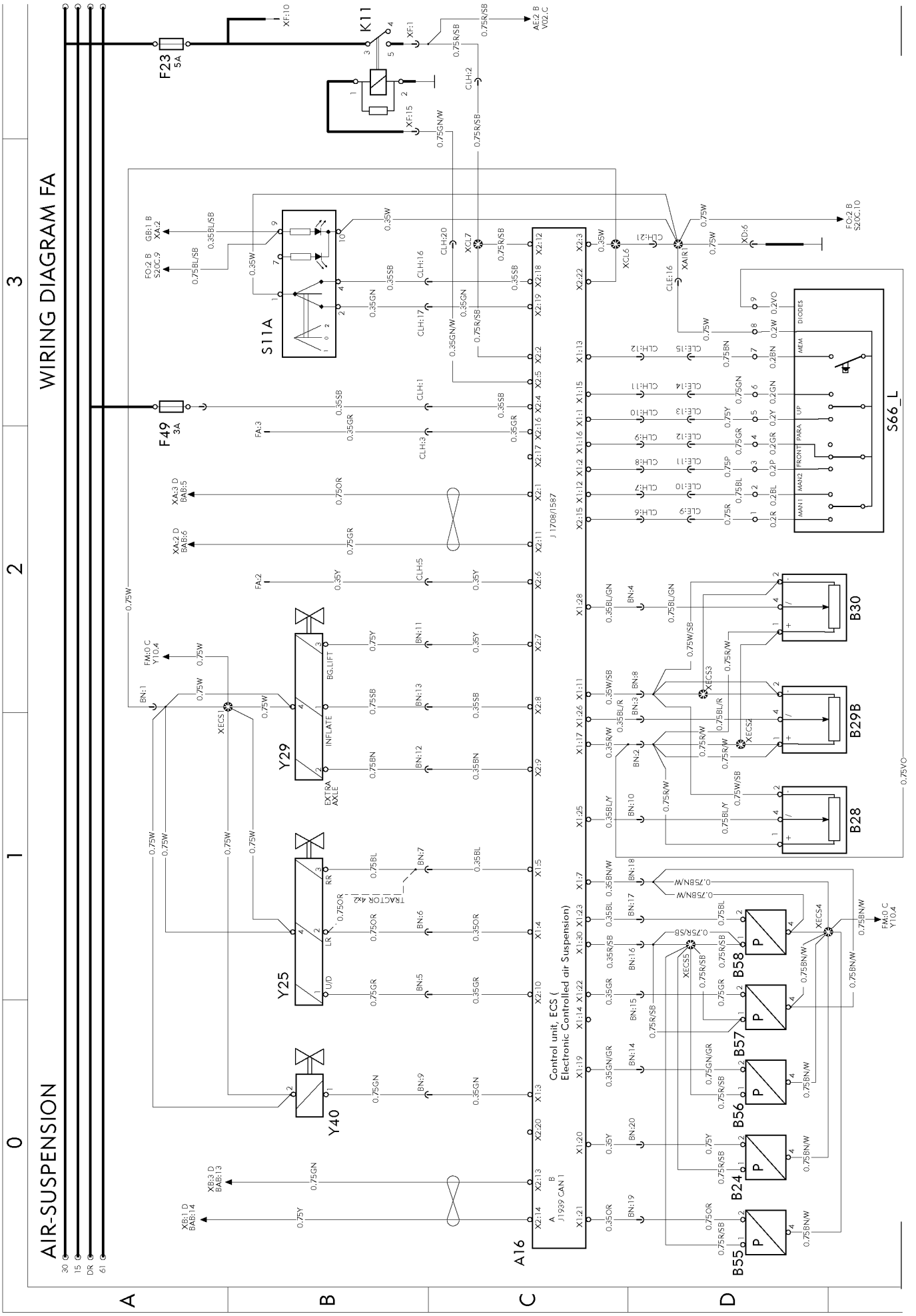

ABS
BASIC, D-VERSION
WIRING DIAGRAM EE
A12B
Control unit, ABS
(Anti-lock Brake System)
F48
5A
F28
20A
Y11
Y12
Y13
Y14
B13A
B14A
B15A
B16A
XCL3
XD:4
CLG:20
CLG:1
CLG:2
CLG:3
CLG:6
30
15
DR
61

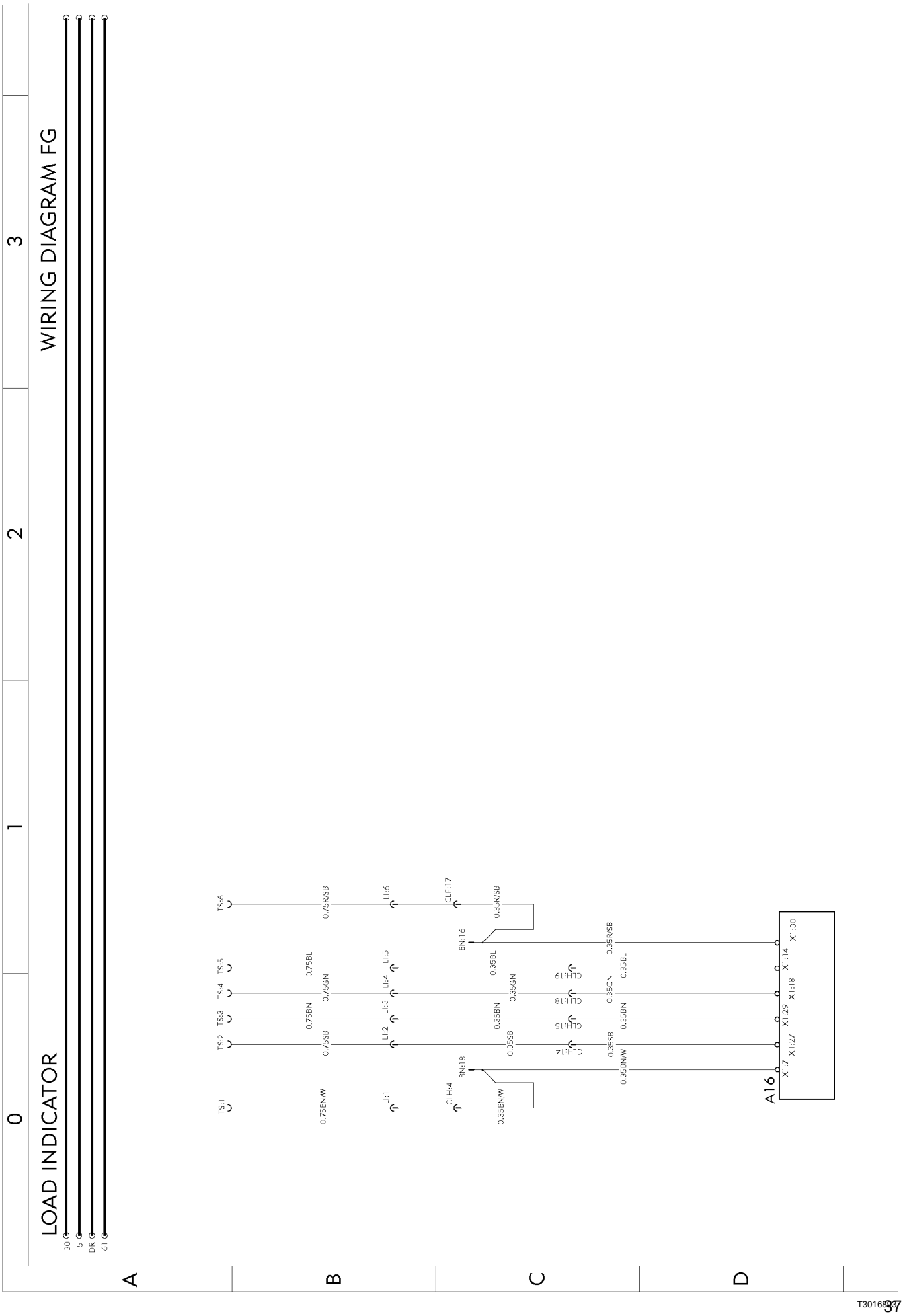

ABS/ASR
D-VERSION
WIRING DIAGRAM EI
A12A
Control unit, ABS
(Anti-lock Brake System)
J1939 CAN1
J 1708/1587
F48 5A
F28 20A
Y11
Y12
Y13
Y14
B13A
B14A
B15A
B16A
0 1 2 3
A B C D

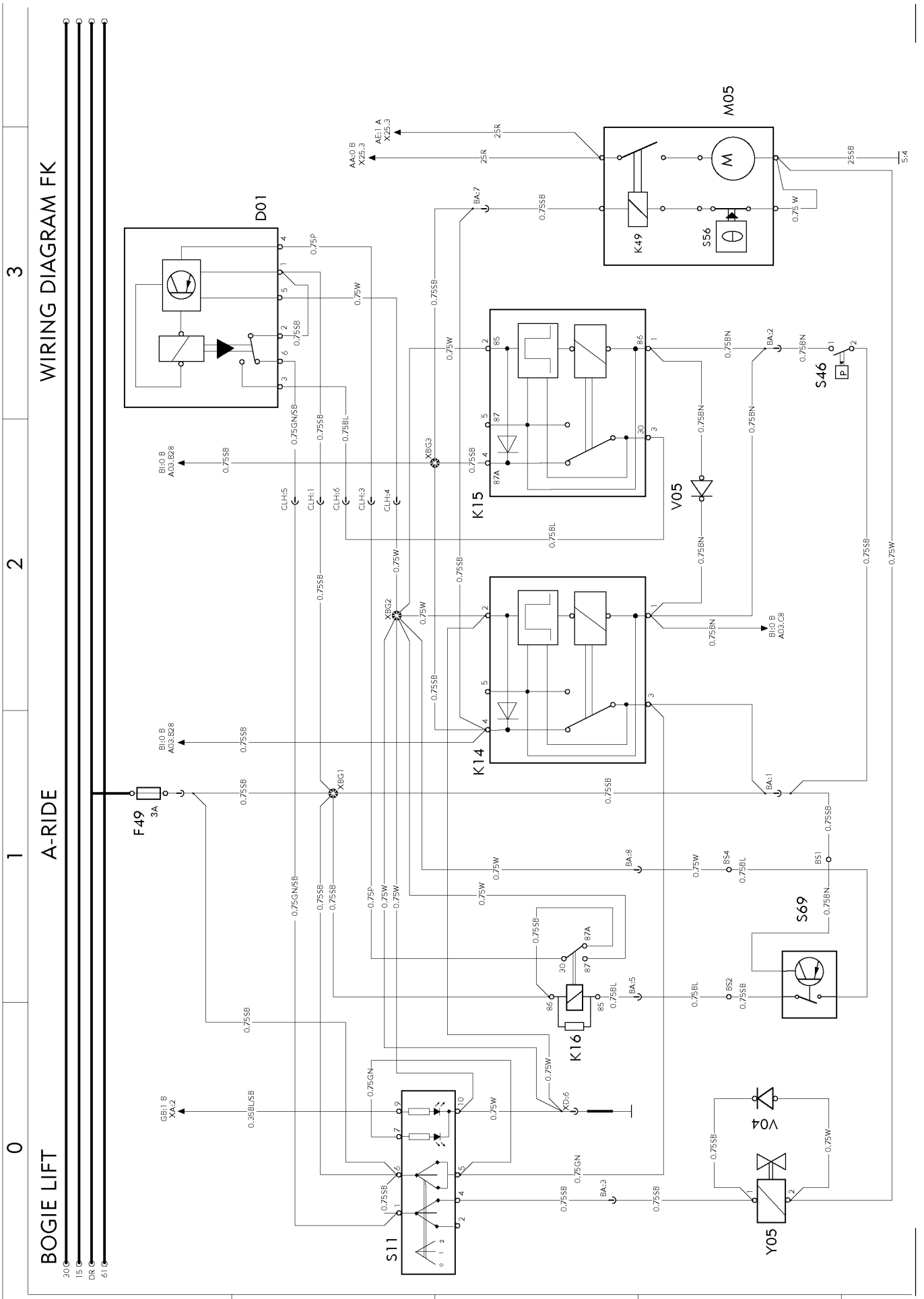

EBS 5.0
ECU
WIRING DIAGRAM EO
A21_A
Control unit, EBS
(Electronic Brake System)
B49_A
B50_A
B03_A
Sensor, footbrake valve
U05_A
Modulator EBS trailer control
Y11_A
Y12_A
F28 20A
F48 5A
S31
S32
S33
S64
J1939 CAN1
J1708/1587


EBS 5.0
MODULATORS
WIRING DIAGRAM EP
0
1
2
3
A
B
C
D
30
15
DR
61
U01_A
Modulator, EBS, left front
U02_A
Modulator, EBS, right front
U08_A
Modulator, EBS, front
U03_B
Modulator, EBS, two rear driven axles
U03_A
Modulator, EBS, rear axle
U04_A
Modulator, EBS, pusher axle
U07_A
Modulator, EBS, tag axle
CAN B
B40B B46 B13B B19
B41B B47 B14B B20
B40A B41A B13A B14A
B44 B45 B42 B43 B17 B18 B15B B16B
B42 B43 B15A B16A
B74 B75 B70 B71
B76 B77 B72 B73


WIRING DIAGRAM EQ
ESP
30
15
DR
61
A25
ESP
B49
B50
X1:2B
EM:0 C A21.EBC6
EM:0 C A21.EBC9
EM:0 C A21.EBC7
0.75VO
0.75P
1.5GN/R
ESA1
ESA2
ESA14
ESA6
ESA7
ESA8
ESA10
ESA11
ESA16
ESA13
ESB6
ESB4
ESB1
ESB2
1.5W
0.75W
0.5W
0.75GN/R
0.5GN/R
0.75GR
0.75BL
CLG 2:19
CLG 2:18
CLG 2:17
CLG 2:16
CLG 2:15
CLL 2:12
CLL 2:11
CLL 2:10
CLL 2:9
EQ 2:4
EQ 2:3
EQ 2:2
EQ 2:1


AIR-SUSPENSION
WIRING DIAGRAM FA
Control unit, ECS (Electronic Controlled air Suspension)
A16
S11A
S66_L
Y25
Y29
Y40
K11
F23 5A
F49 3A
B55
B24
B56
B57
B58
B28
B29B
B30


WIRING DIAGRAM FG
LOAD INDICATOR
30
15
DR
61
A16
X1:7
X1:27
X1:29
X1:18
X1:14
X1:30
TS:1
TS:2
TS:3
TS:4
TS:5
TS:6
LI:1
LI:2
LI:3
LI:4
LI:5
LI:6
CLH:4
CLF:17
BN:18
BN:16
0.75BN/W
0.75SB
0.75BN
0.75GN
0.75BL
0.75R/SB
0.35BN/W
0.35SB
0.35BN
0.35GN
0.35BL
0.35R/SB


WIRING DIAGRAM FK
A-RIDE
BOGIE LIFT
30
15
DR
61
M05
K49
S56
D01
K15
K14
K16
V05
V04
Y05
S11
S69
S46
F49
3A
XBG1
XBG2
XBG3
0.75SB
0.75W
0.75BN
0.75BL
0.75GN/SB
0.75P
0.75GN
0.35BL/SB
0.75 W
25R
25B
BA:1
BA:2
BA:3
BA:5
BA:7
BA:8
BS1
BS2
BS4
XD:6
XA:2
CLH:1
CLH:3
CLH:4
CLH:5
CLH:6
A
B
C
D
0
1
2
3

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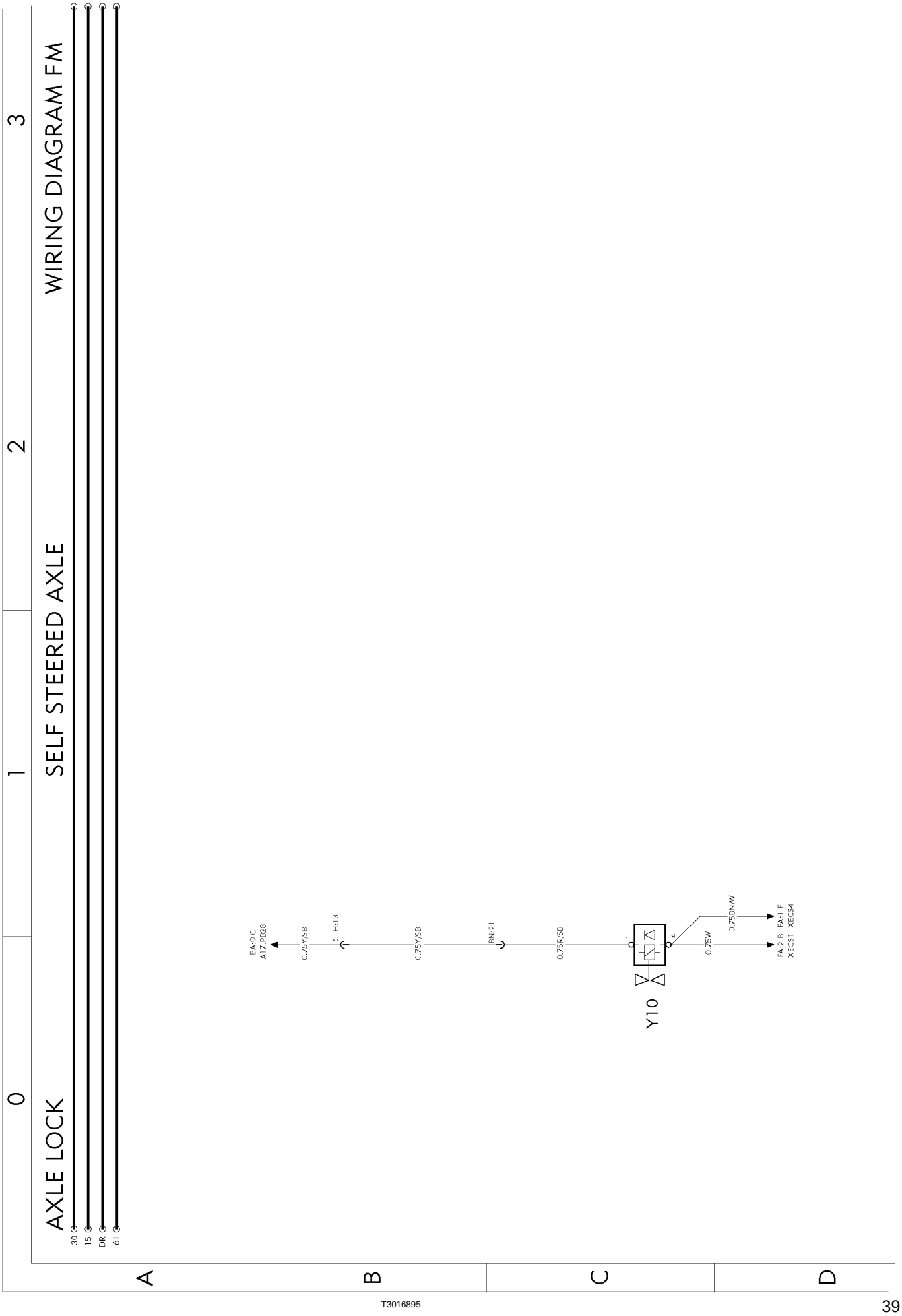
WIRING DIAGRAM FM
SELF STEERED AXLE
AXLE LOCK
0
1
2
3
A
B
C
D
30
15
DR
61
BA:0 C
A17:PB28
0.75Y/SB
CLH:13
0.75Y/SB
BN:21
0.75R/SB
1
4
Y10
0.75W
0.75BN/W
FA:2 B
XECS1
FA:1 E
XECS4

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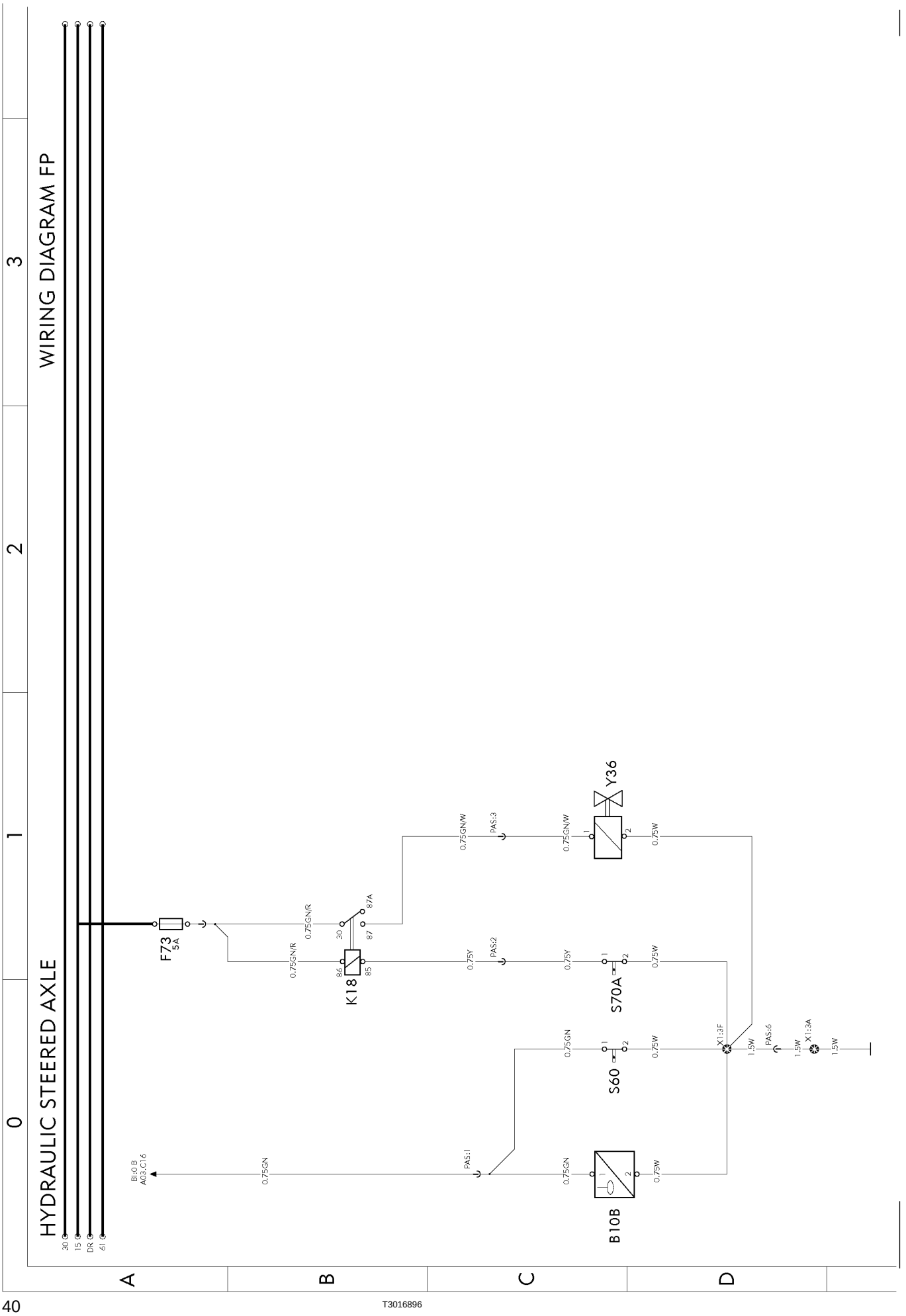
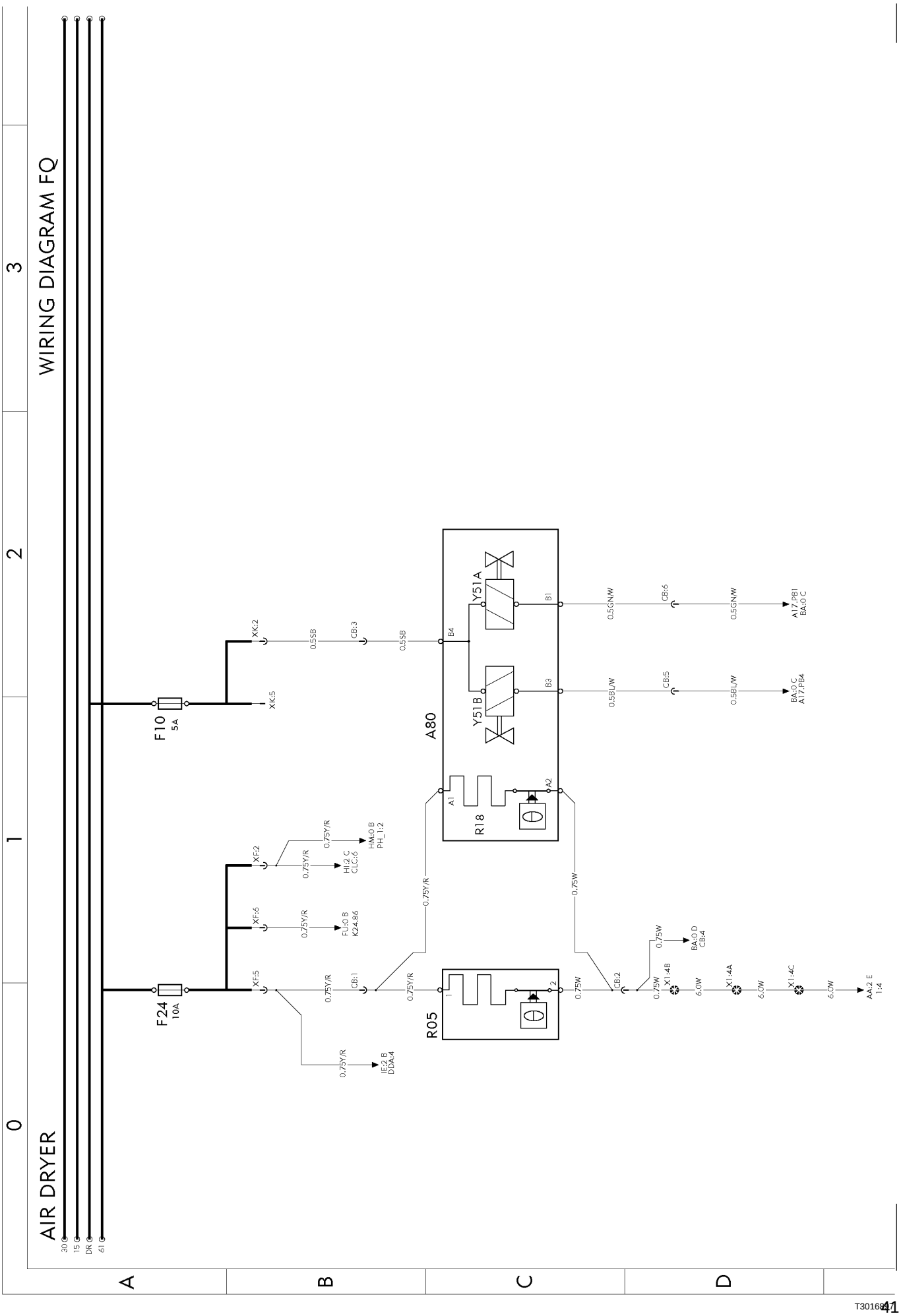
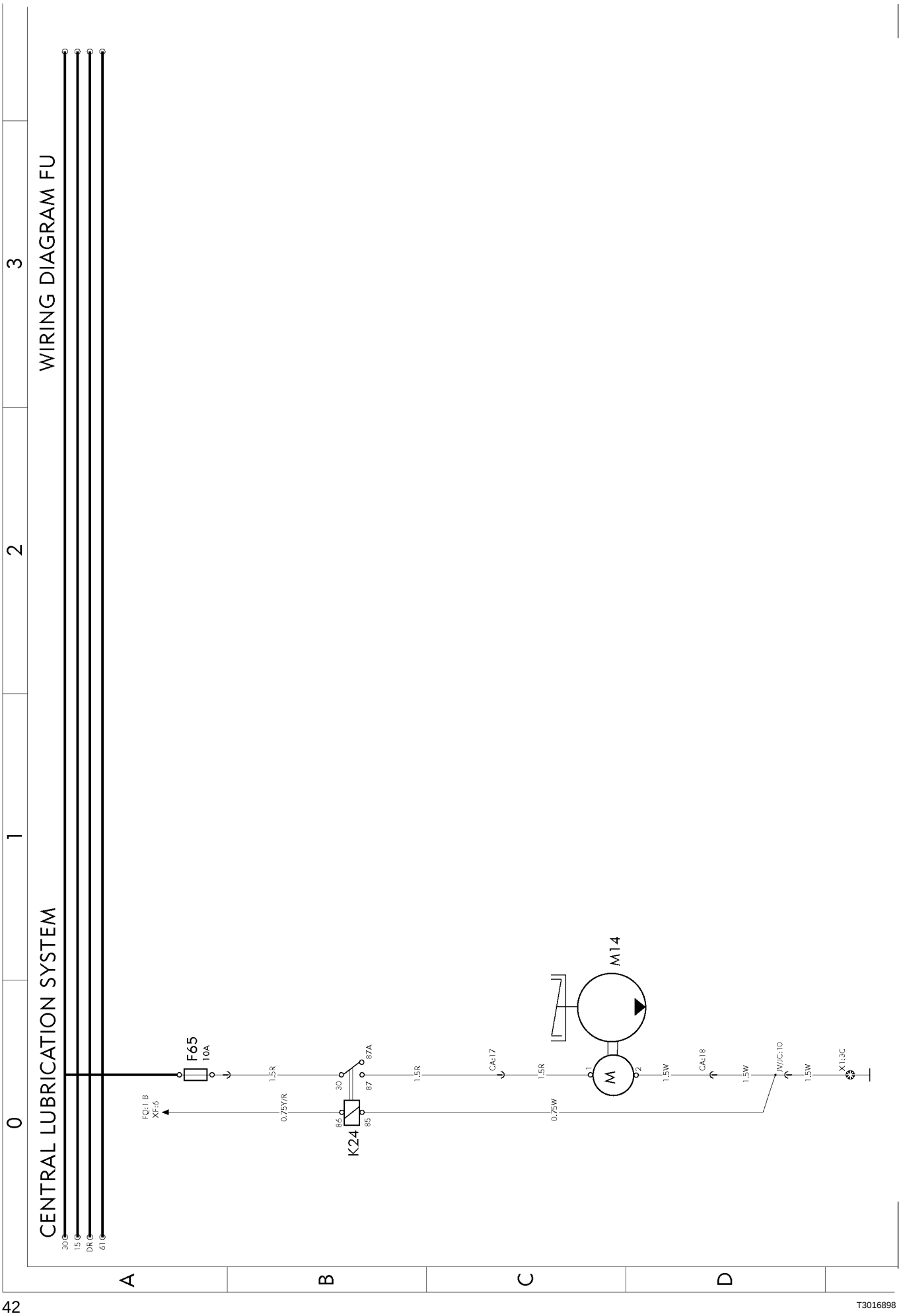
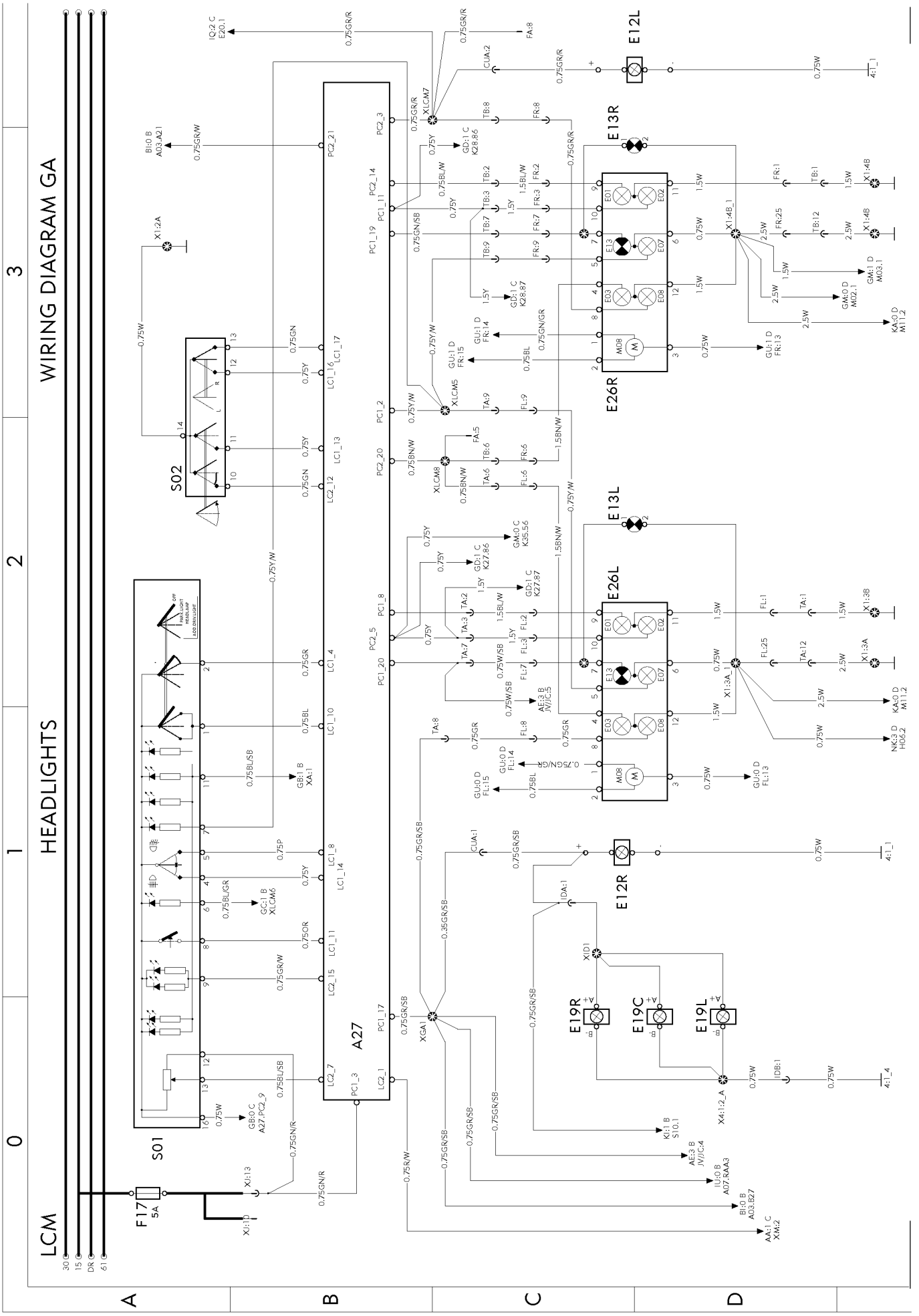

WIRING DIAGRAM FP
HYDRAULIC STEERED AXLE
0
1
2
3
A
B
C
D
30
15
DR
61
F73
5A
K18
86
85
30
87
87A
0.75GN/R
0.75GN/R
0.75GN/W
PAS:3
0.75GN/W
Y36
0.75W
0.75Y
PAS:2
0.75Y
S70A
0.75W
0.75GN
S60
0.75W
X1:3F
1.5W
PAS:6
1.5W
X1:3A
1.5W
Bl:0.B
AG3,C16
0.75GN
PAS:1
0.75GN
B10B
0.75W

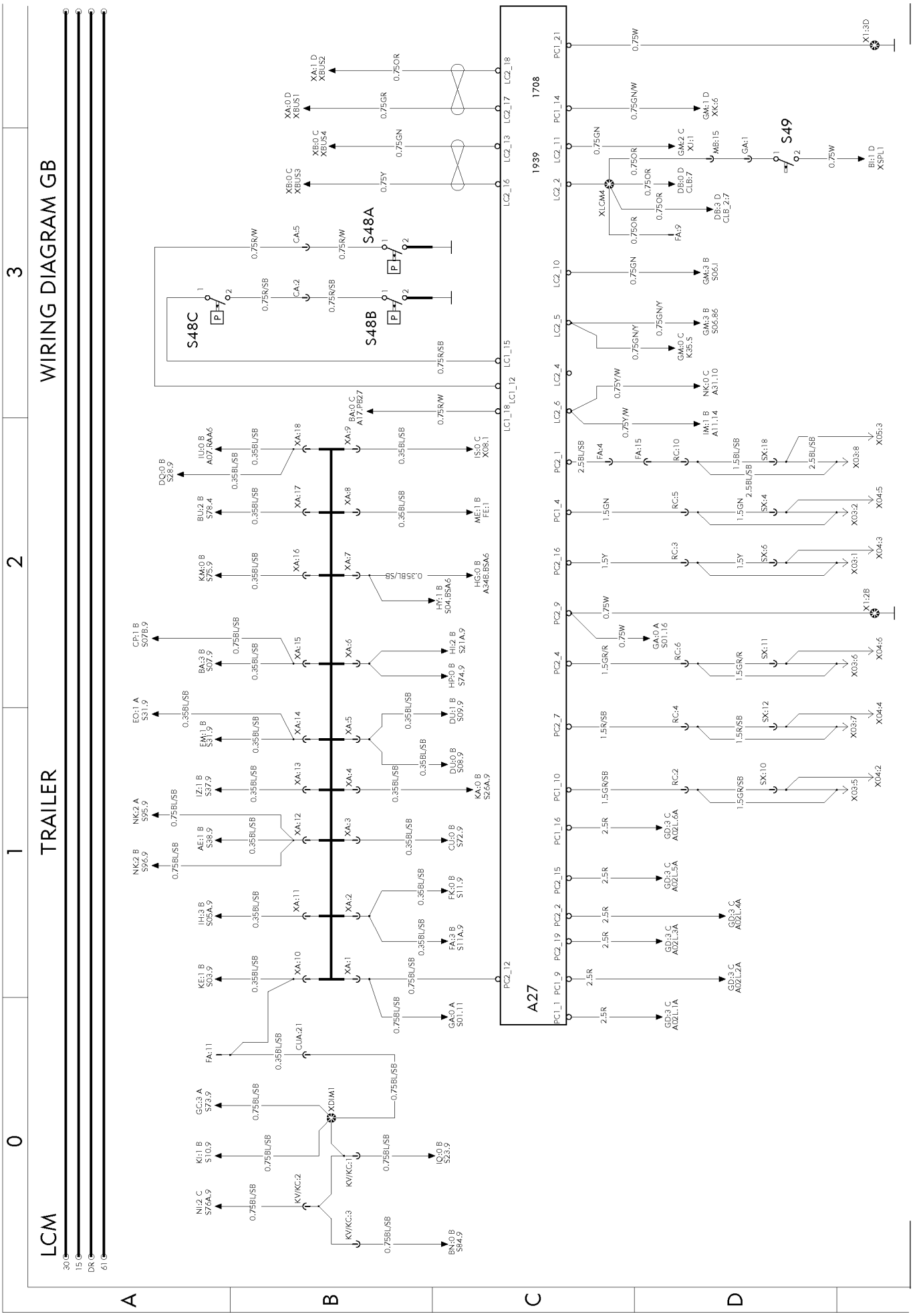
T3016896

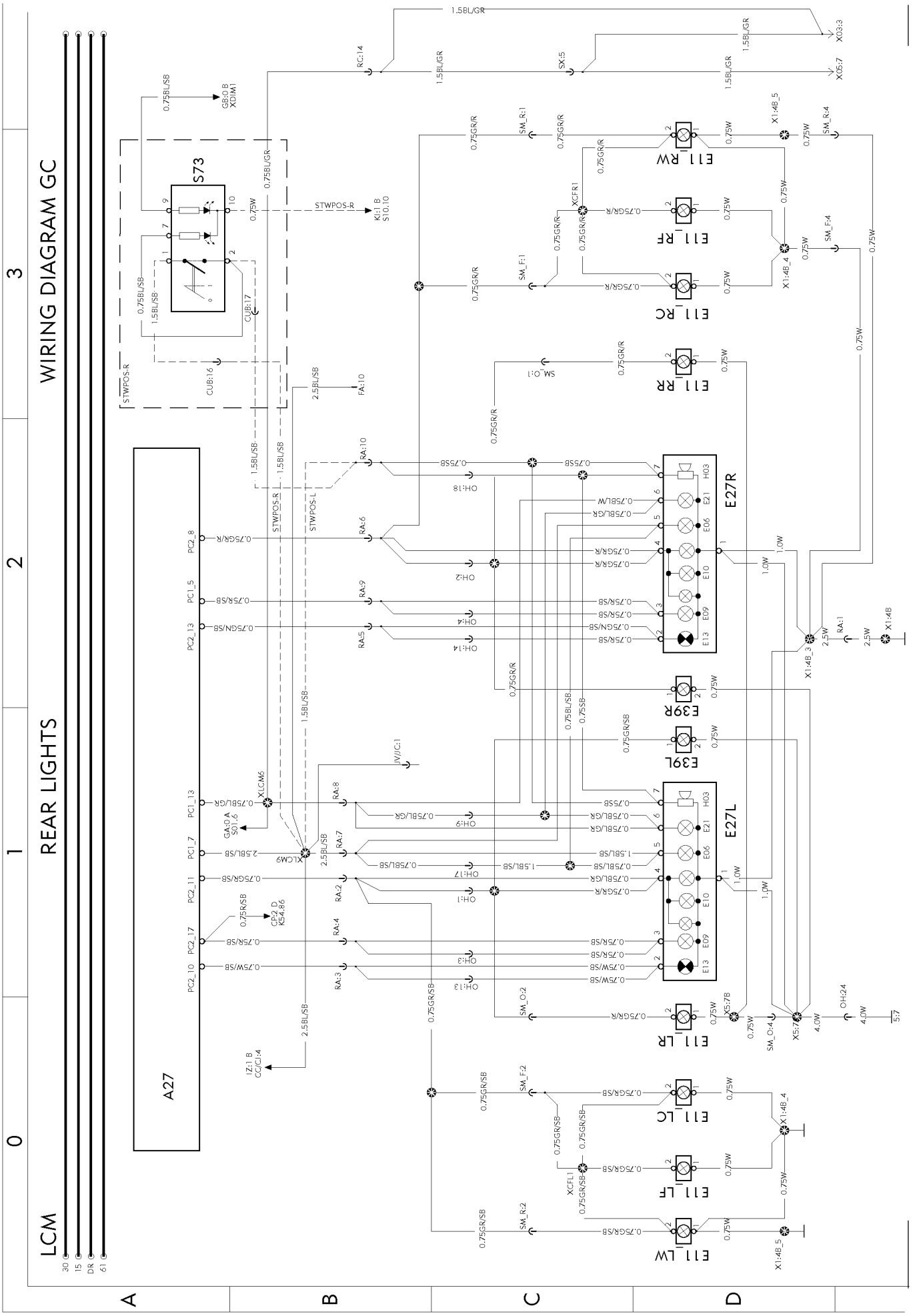

WIRING DIAGRAM FQ
AIR DRYER
0
1
2
3
A
B
C
D
30
15
DR
61
F10
5A
F24
10A
XK:2
XK:5
XF:2
XF:6
XF:5
0.5SB
CB:3
0.75Y/R
CB:1
HM:0.B
PH_1:2
HI:2.C
CLC:6
FU:0.B
K24:86
IE:2.B
DDA:4
A80
B4
B1
B3
Y51A
Y51B
A1
A2
R18
R05
0.5GN/W
0.5BU/W
CB:6
CB:5
A17.PB1
BA:0.C
A17.PB4
0.75W
CB:2
BA:0.D
CB:4
X1:4B
X1:4A
X1:4C
6.0W
AA:2.E
1:4

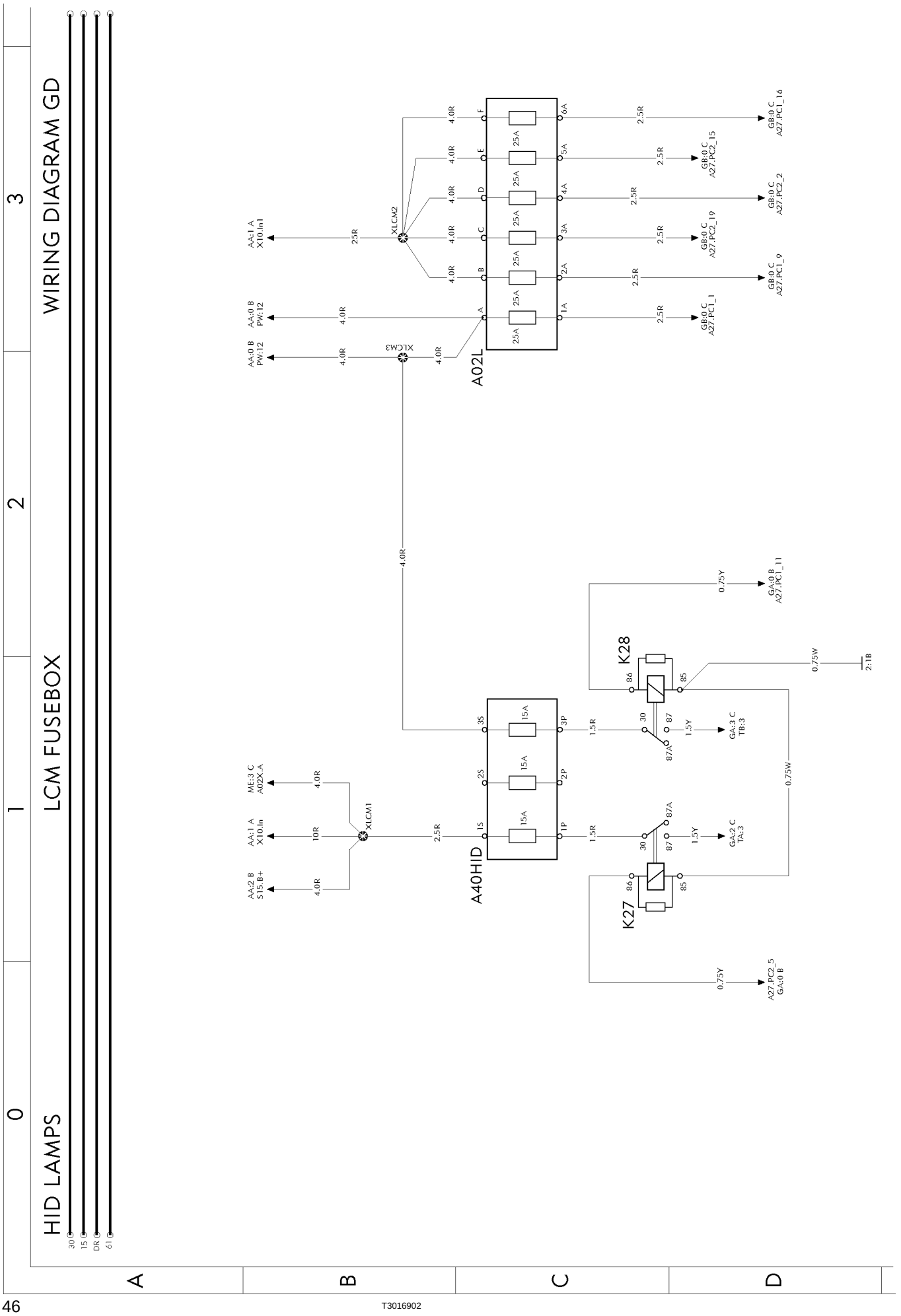

WIRING DIAGRAM FU
CENTRAL LUBRICATION SYSTEM
0
1
2
3
A
B
C
D
30
15
DR
61
F65
10A
1,5R
FQ:1 B
XF:6
0,75V/R
30
87A
87
86
85
K24
1,5R
CA:17
1,5R
M14
M
1
2
1,5W
CA:18
1,5W
JW/JC:10
1,5W
X1:3C
0,75W

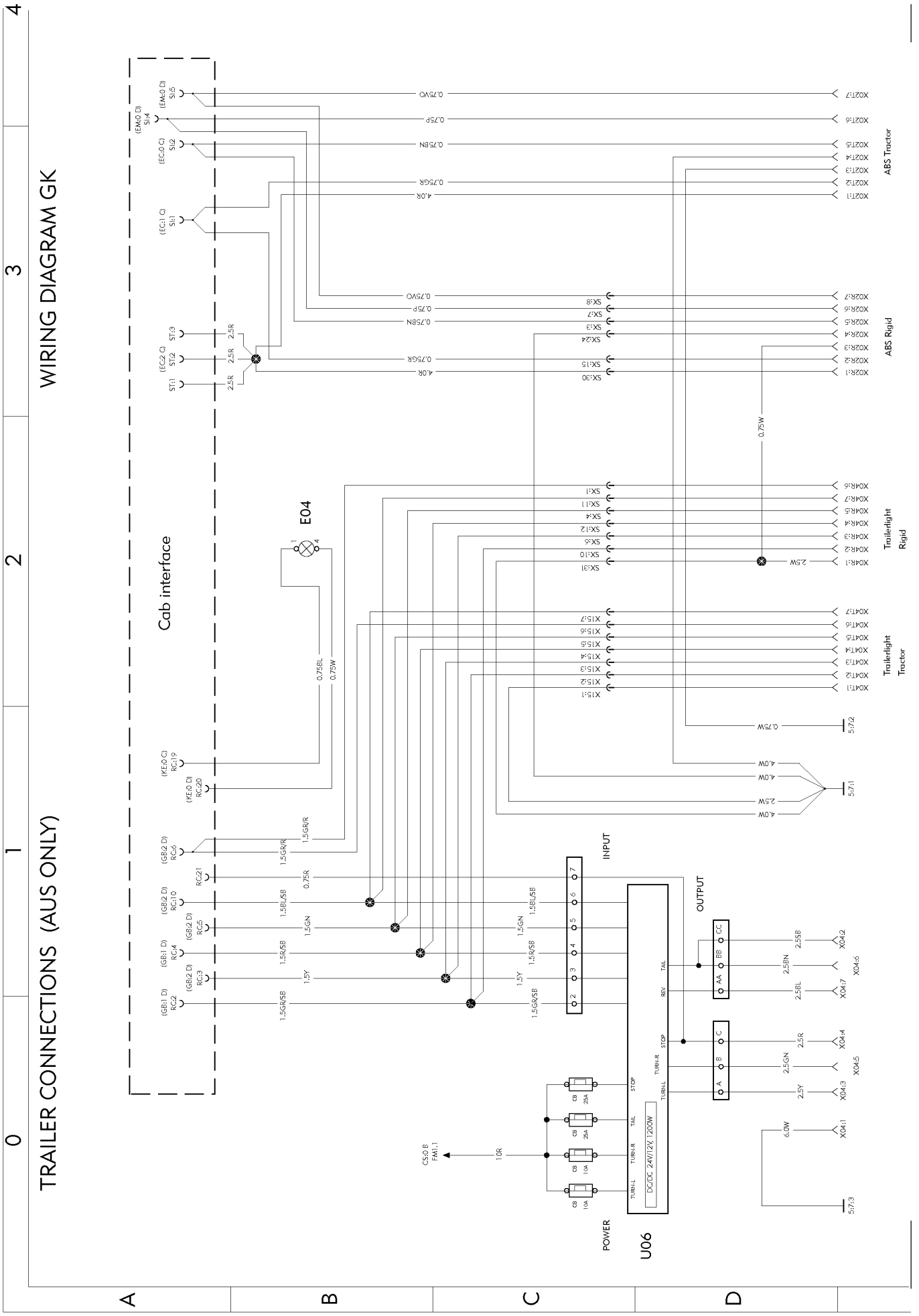
T3016898

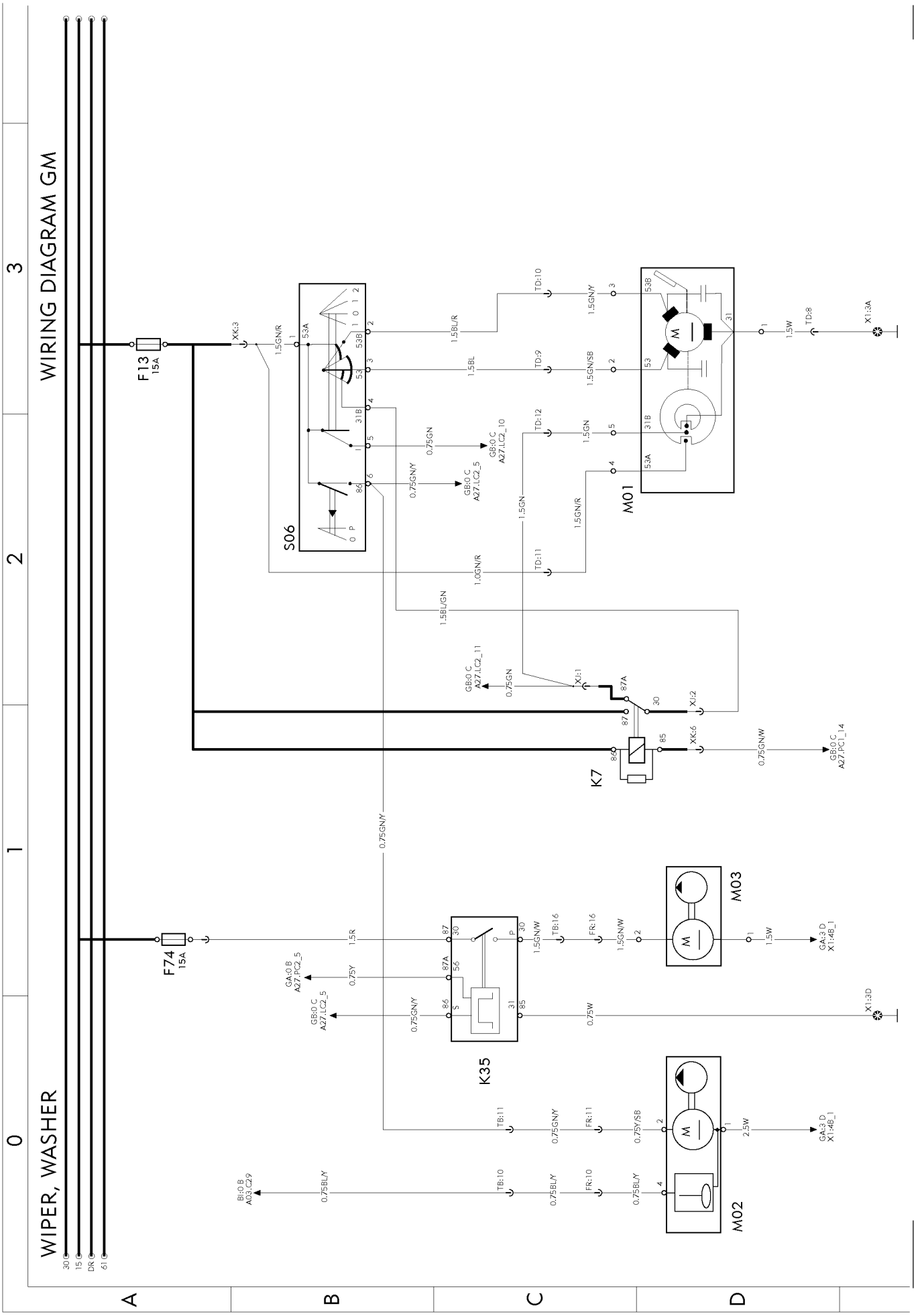

WIRING DIAGRAM GA
HEADLIGHTS
LCM
S01
S02
A27
E12L
E12R
E13L
E13R
E26L
E26R
E19L
E19C
E19R
F17
5A

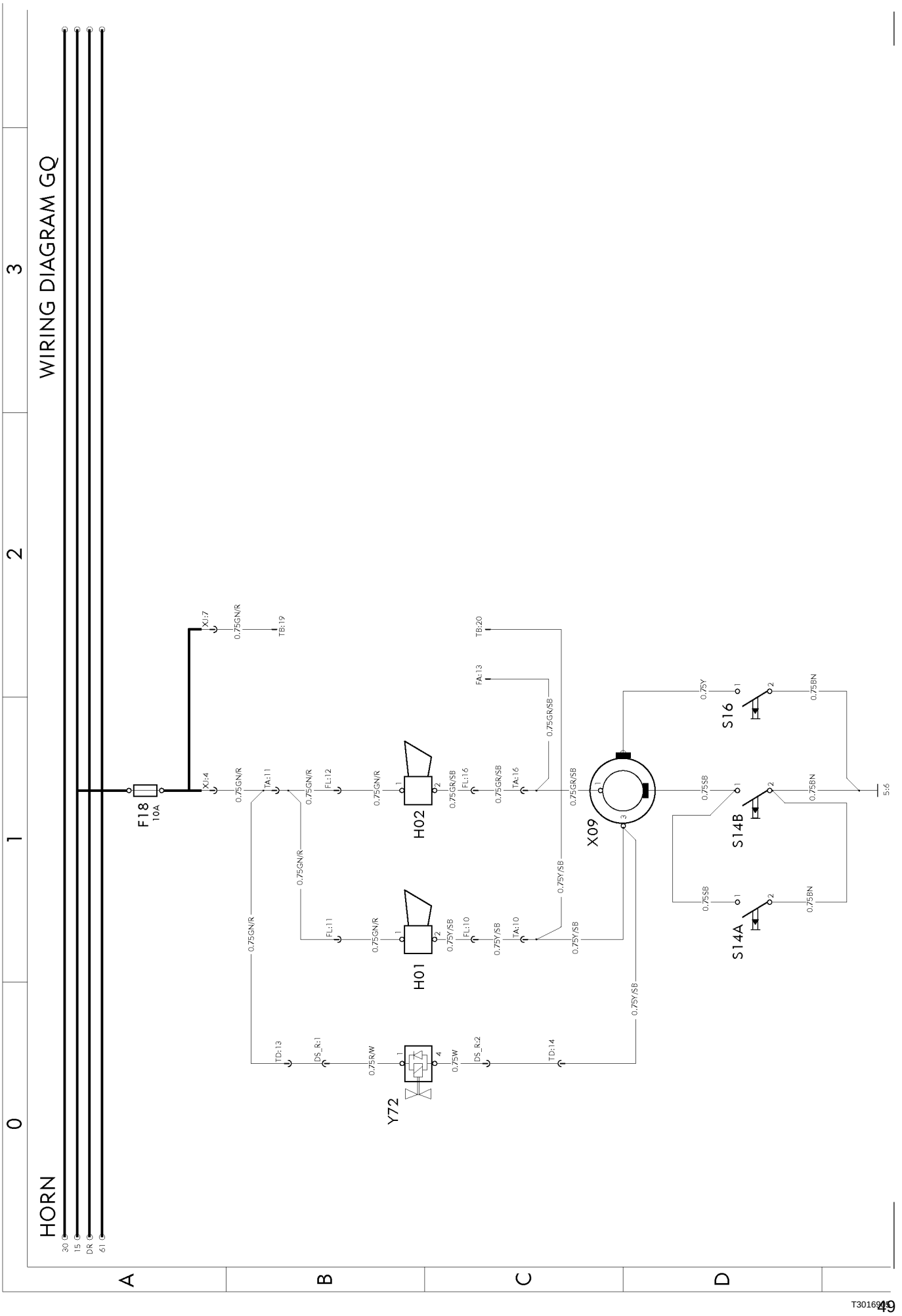

LCM
TRAILER
WIRING DIAGRAM GB
A27
1939
1708
S48A
S48B
S48C
S49
XLCM4
XDIM1

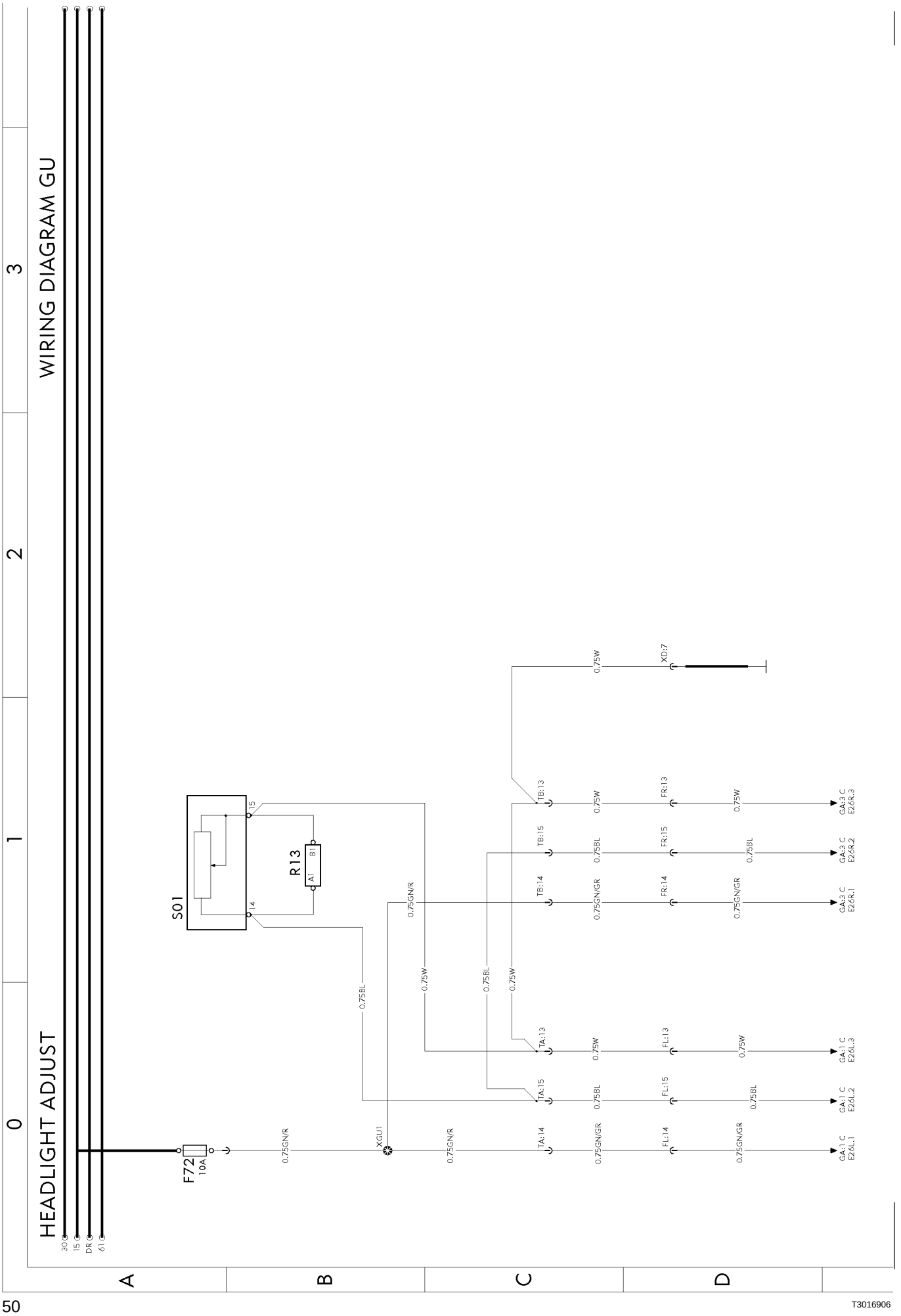

LCM
REAR LIGHTS
WIRING DIAGRAM GC
A27
S73
E27R
E27L
E39R
E39L
E11_RW
E11_RF
E11_RC
E11_RR
E11_LC
E11_LF
E11_LW
E11_LR
1.5BL/GR
0.75BL/SB
0.75BL/GR
0.75GR/R
0.75GR/SB
0.75GN/SB
0.75SW/SB
0.75SR/SB
0.75SB
0.75BL/GR
1.5BL/SB
2.5BL/SB
0.75W
1.0W
2.5W
4.0W
T3016904

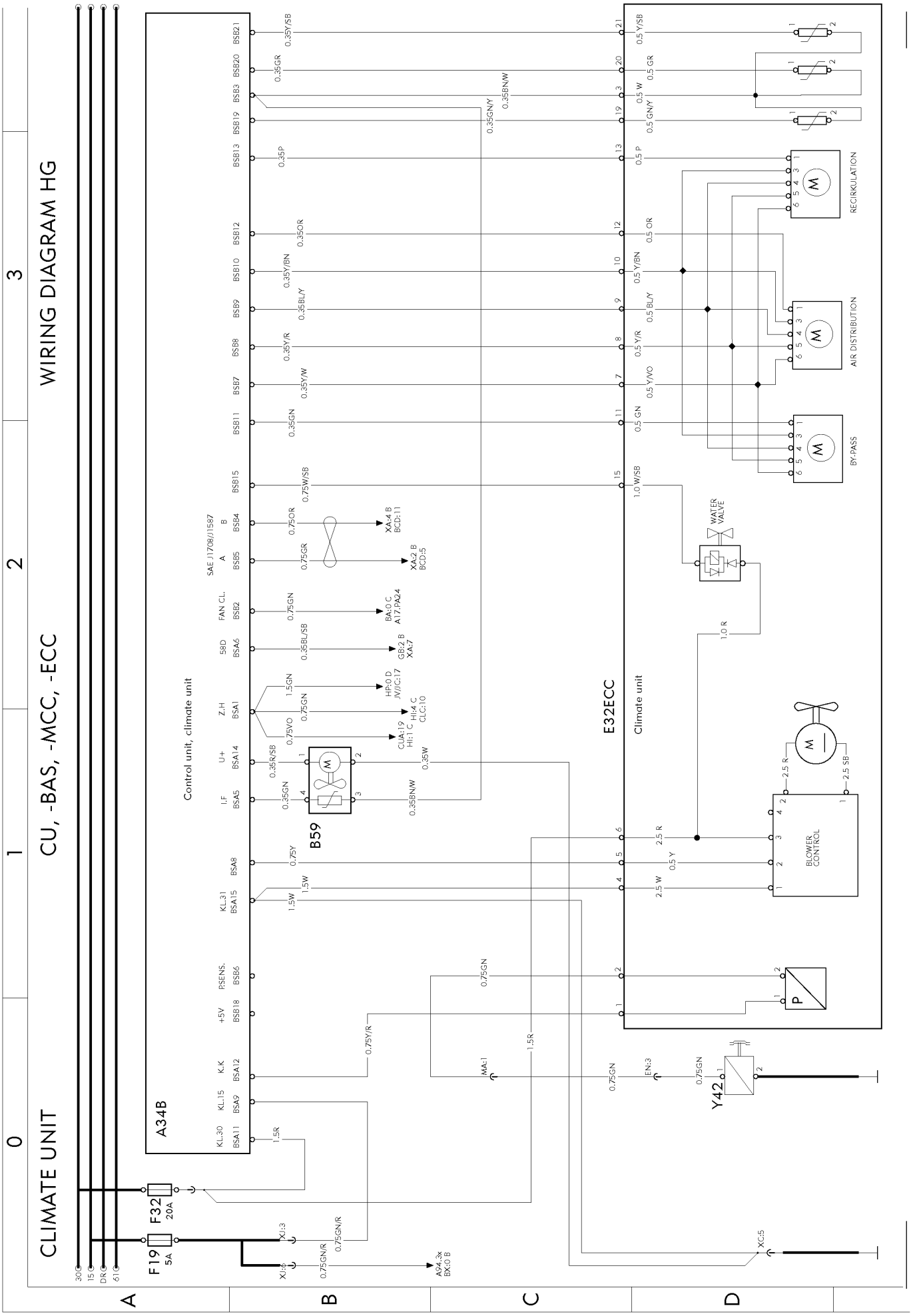

WIRING DIAGRAM GD
LCM FUSEBOX
HID LAMPS
30
15
DR
61
A02L
A40HID
XLCM1
XLCM2
XLCM3
K27
K28
AA:1 A X10.In1
AA:0 B PW:12
AA:0 B PW:I2
AA:1 A X10.In
AA:2 B S15.B+
ME:3 C A02X.A
GB:0 C A27.PC1_16
GB:0 C A27.PC2_15
GB:0 C A27.PC2_2
GB:0 C A27.PC2_19
GB:0 C A27.PC1_9
GB:0 C A27.PC1_1
GA:0 B A27.PC1_11
GA:3 C TB:3
GA:2 C TA:3
A27.PC2_5 GA:0 B
2:1B
4.0R
2.5R
1.5R
0.75Y
0.75W
1.5Y
10R
25R

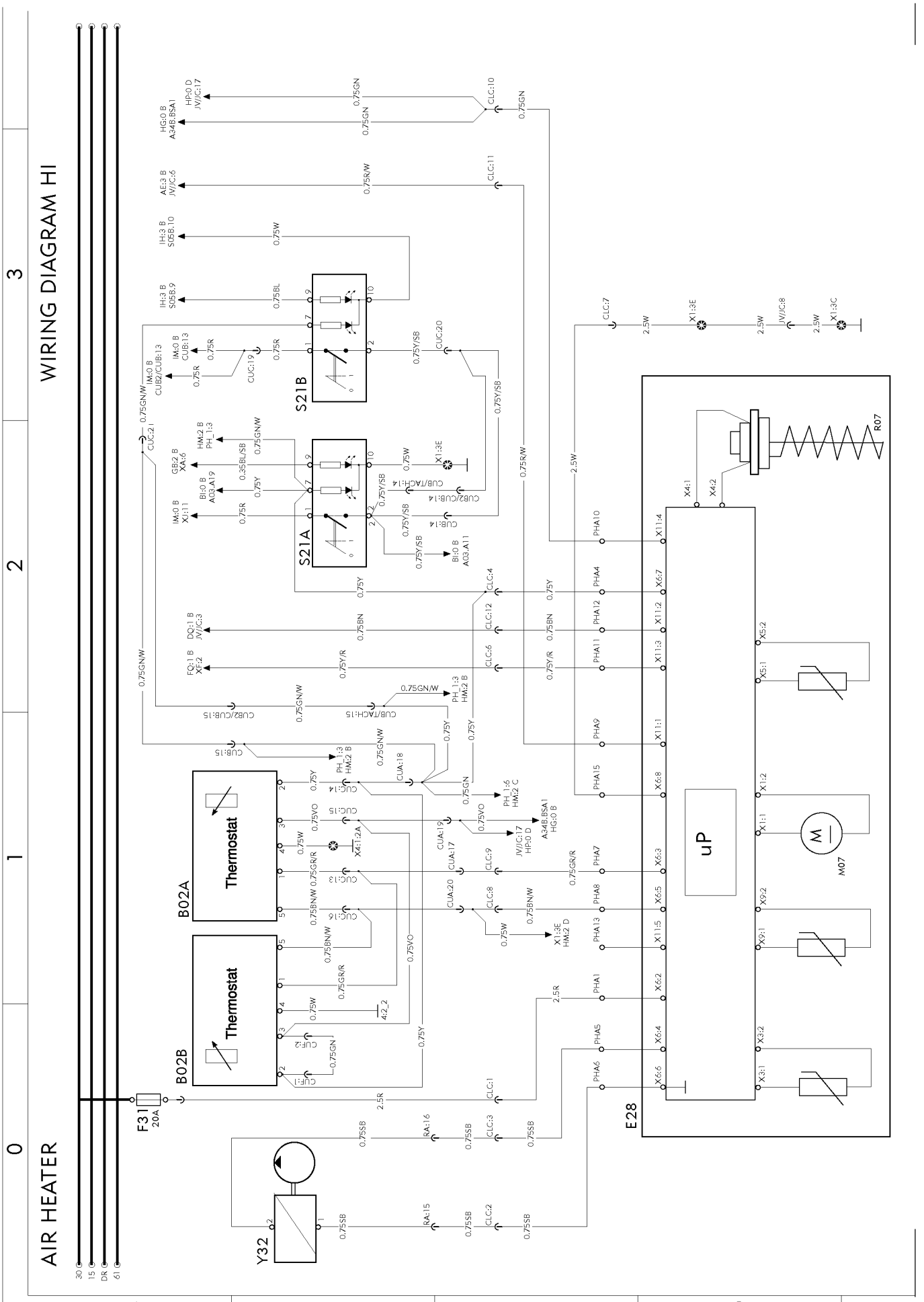

TRAILER CONNECTIONS (AUS ONLY)
WIRING DIAGRAM GK
Cab interface
E04
ABS Tractor
ABS Rigid
Trailerlight Rigid
Trailerlight Tractor
INPUT
OUTPUT
POWER
U06
DC/DC 24V/12V 1200W
TURN-L
TURN-R
TAIL
STOP
REV
0,75VO
0,75P
0,75BN
0,75GR
4,0R
0,75W
2,5W
4,0W
1,5GR/R
1,5BL/SB
1,5GN
1,5RD/SB
1,5Y
1,5GR/SB
0,75R
0,75BL
2,5R
2,5GN
2,5Y
2,5BL
2,5BN
6,0W
1,0R

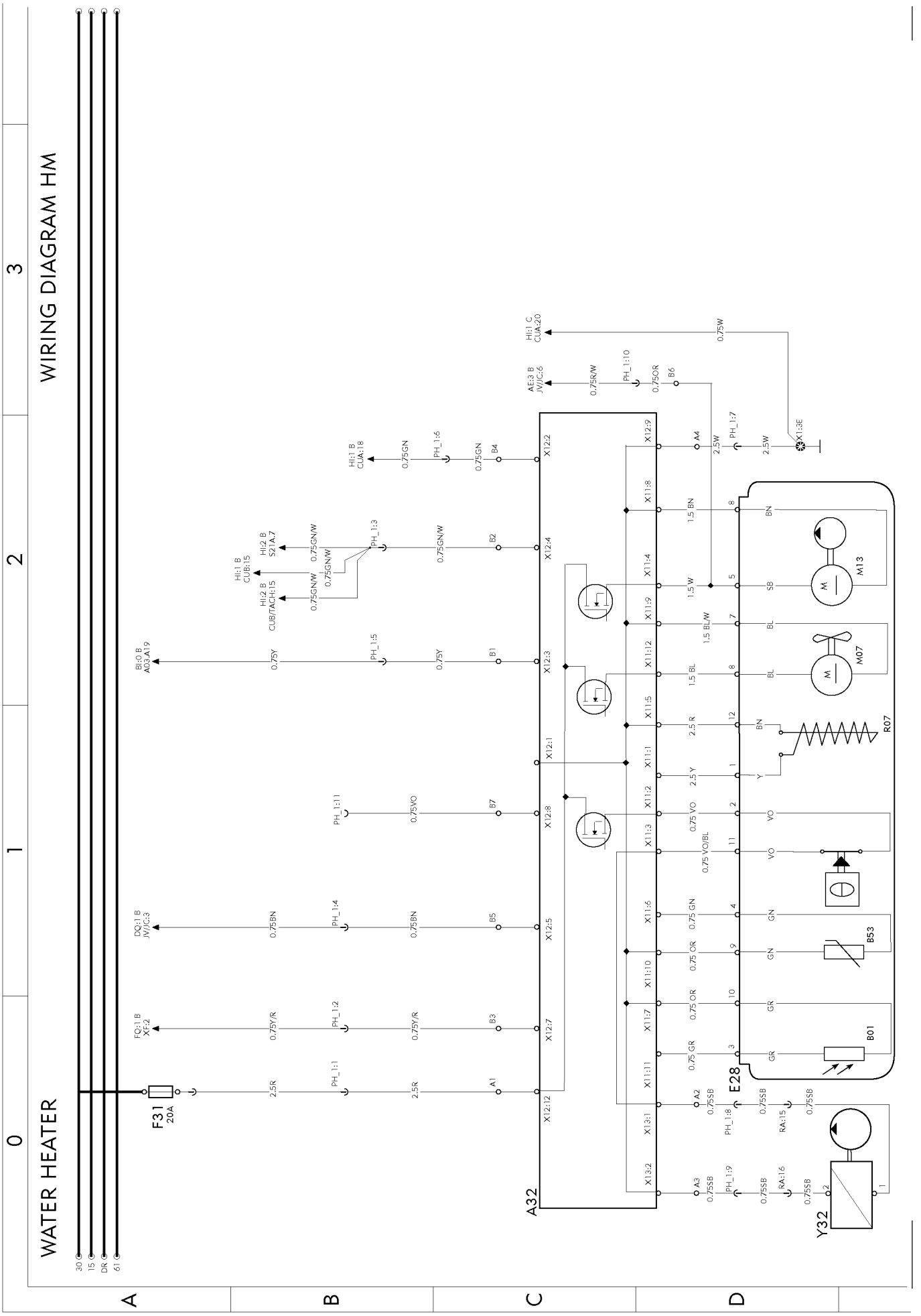

WIPER, WASHER
WIRING DIAGRAM GM
0
1
2
3
A
B
C
D
30
15
DR
61
F13
15A
F74
15A
XK:3
1.5GN/R
S06
53A
53B
53
31B
86
0 P
1 0 1 2
1.5BL/R
1.5BL
1.5BL/GN
1.0GN/R
0.75GN
0.75GN/Y
1.5GN
1.5GN/R
1.5GN/SB
1.5GN/Y
TD:10
TD:9
TD:12
TD:11
GB:0 C
A27.LC2_10
GB:0 C
A27.LC2_5
GB:0 C
A27.LC2_11
M01
31
1
1.5W
TD:8
X1:3A
K7
87
87A
30
85
86
XJ:1
XJ:2
XK:6
0.75GN/W
GB:0 C
A27.PC1_14
M03
M02
K35
1.5R
0.75Y
0.75GN/Y
0.75W
1.5GN/W
TB:16
FR:16
TB:11
FR:11
TB:10
FR:10
0.75Y/SB
0.75BL/Y
2.5W
GA:3 D
X1:46_1
X1:3D
GA:0 B
A27.PC2_5
GB:0 C
A27.LC2_5
BI:0 B
A03.LC29

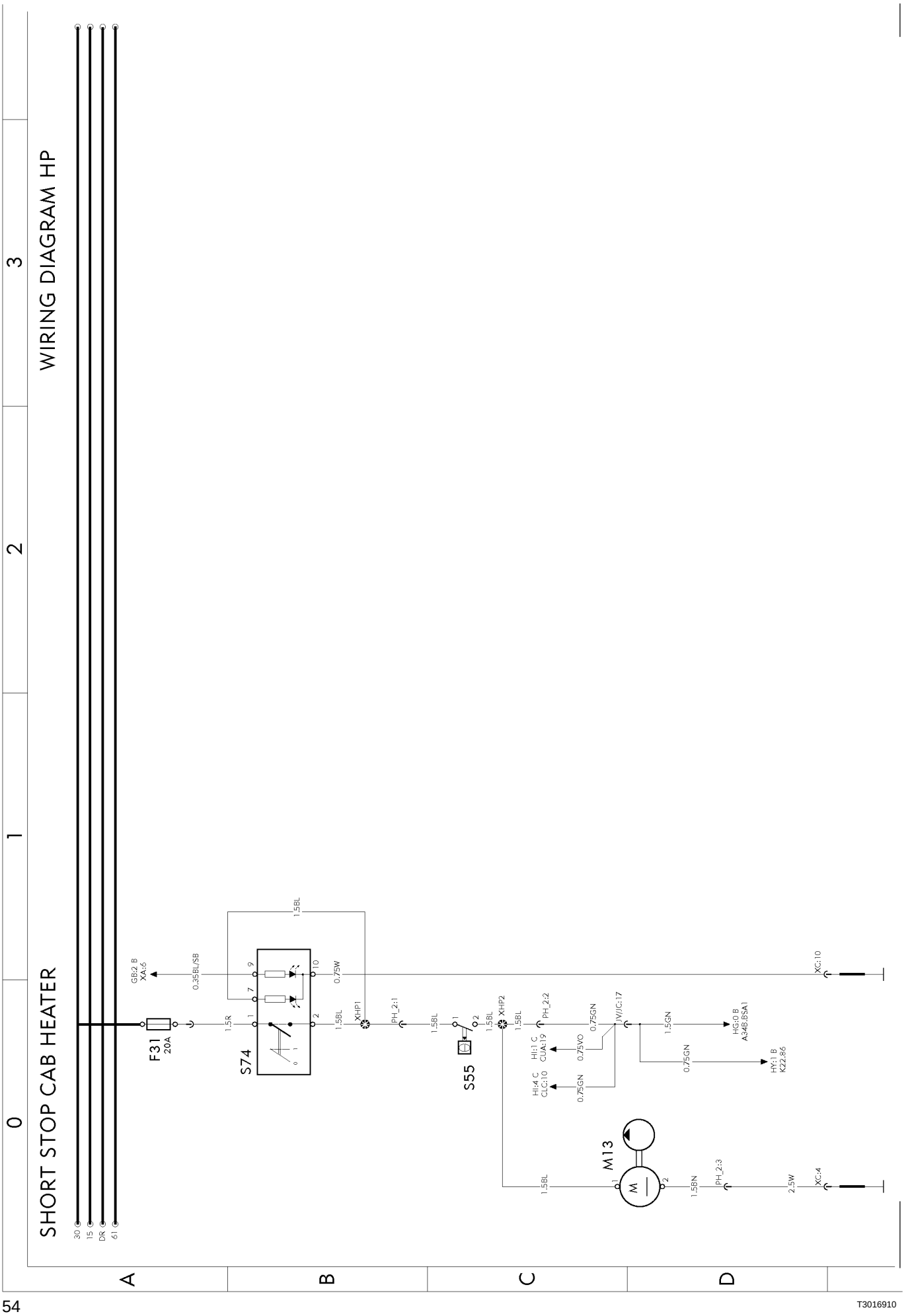

WIRING DIAGRAM GQ
HORN
30
15
DR
61
F18
10A
X1:4
X1:7
0.75GN/R
TA:11
TB:19
FL:12
FL:11
H02
H01
0.75GR/SB
FL:16
FL:10
TA:16
TA:10
TB:20
FA:13
0.75GR/SB
0.75Y/SB
X09
S16
S14B
S14A
0.75Y
0.75SB
0.75BN
5:6
Y72
0.75R/W
0.75W
DS_R:1
DS_R:2
TD:13
TD:14
A
B
C
D
0
1
2
3

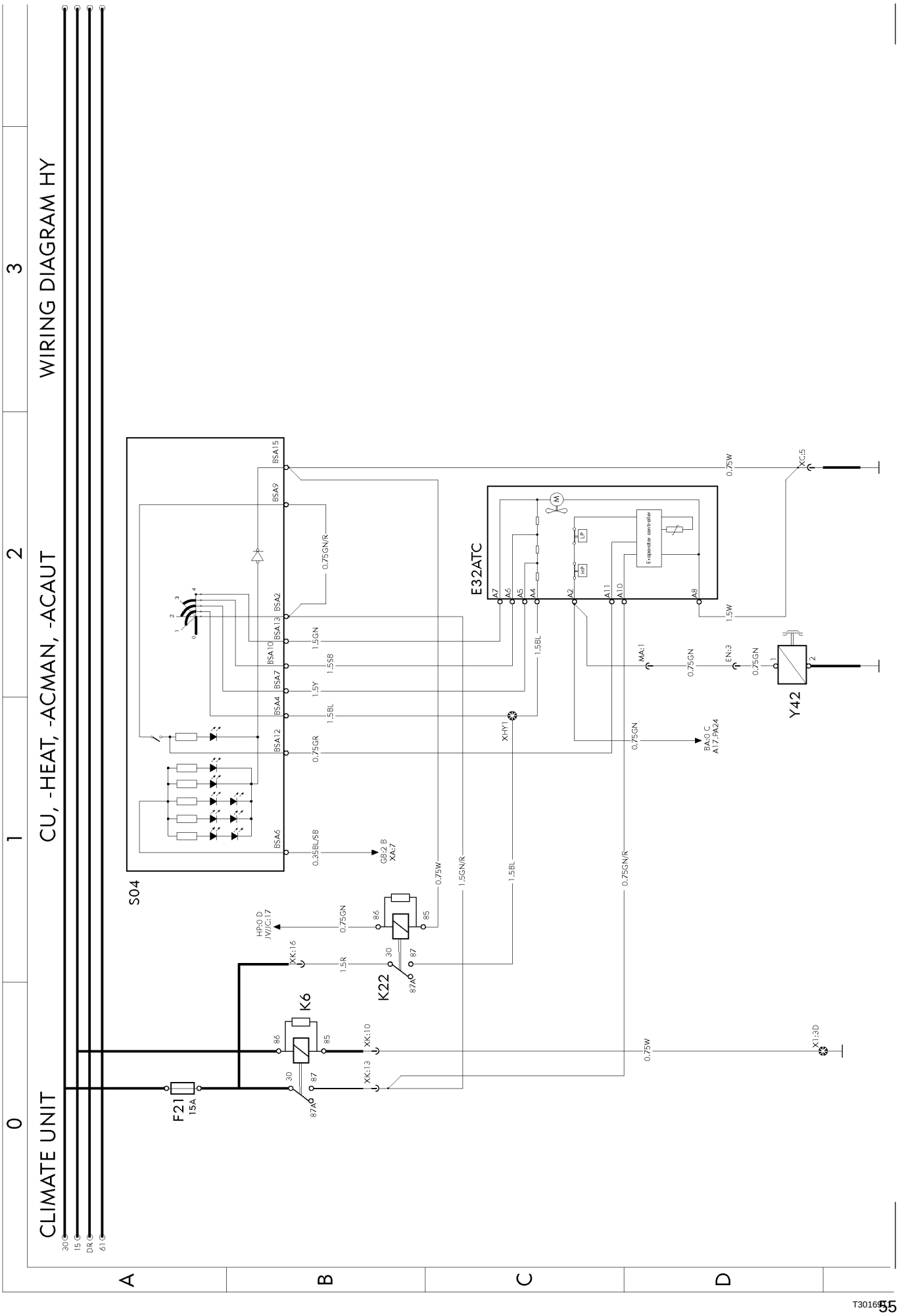

WIRING DIAGRAM GU
HEADLIGHT ADJUST
0
1
2
3
A
B
C
D
30
15
DR
61
F72
10A
0.75GN/R
XGU1
S01
15
14
R13
A1
B1
0.75BL
0.75W
0.75GN/GR
TA:13
TA:14
TA:15
TB:13
TB:14
TB:15
FL:13
FL:14
FL:15
FR:13
FR:14
FR:15
XD:7
GA:1 C
EZ6L.1
GA:1 C
EZ6L.2
GA:1 C
EZ6L.3
GA:3 C
EZ6R.1
GA:3 C
EZ6R.2
GA:3 C
EZ6R.3

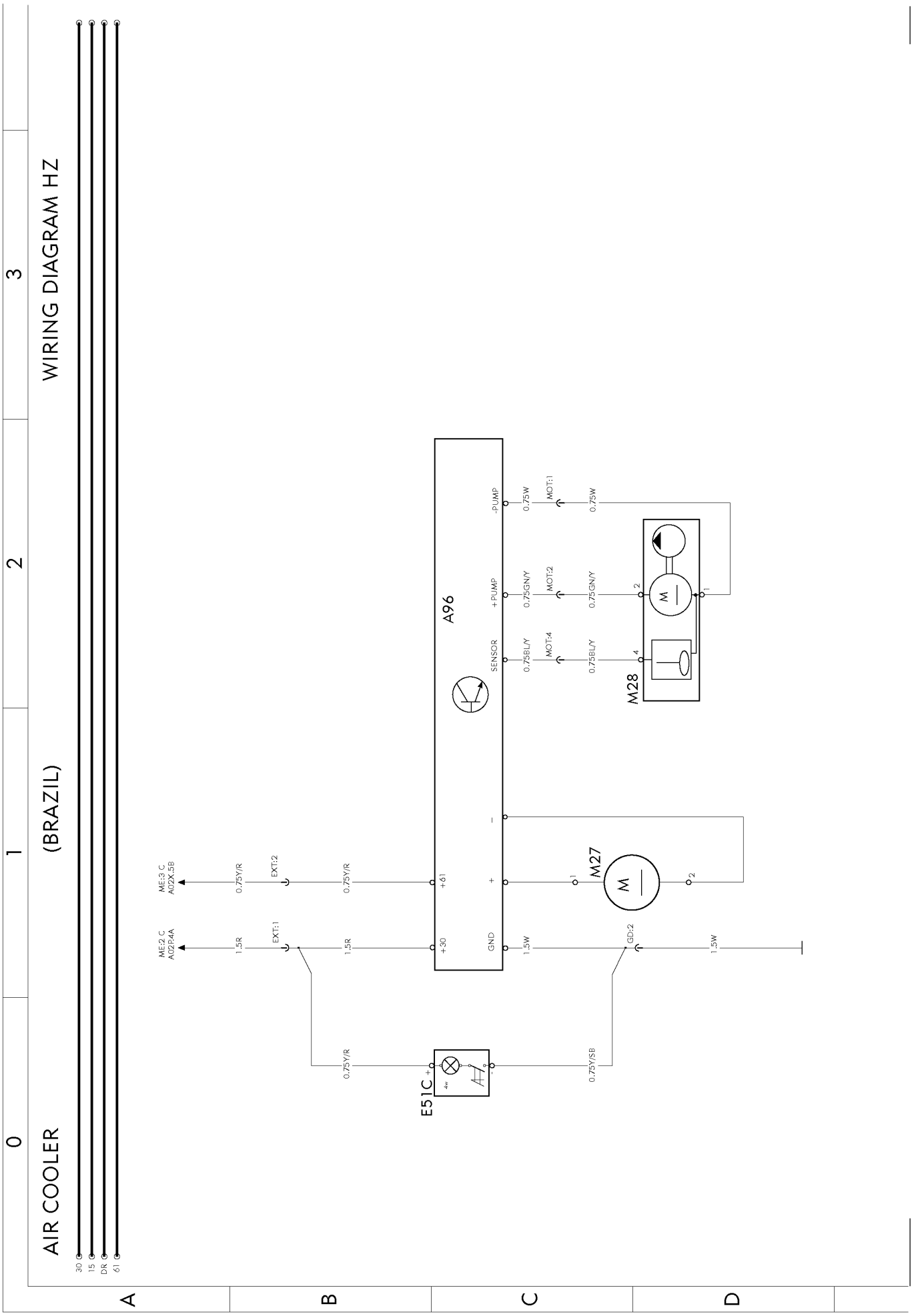

CLIMATE UNIT
CU, -BAS, -MCC, -ECC
WIRING DIAGRAM HG
A34B
Control unit, climate unit
E32ECC
Climate unit
B59
Y42
F32
20A
F19
5A
RECIRKULATION
AIR DISTRIBUTION
BY-PASS
WATER VALVE
BLOWER CONTROL

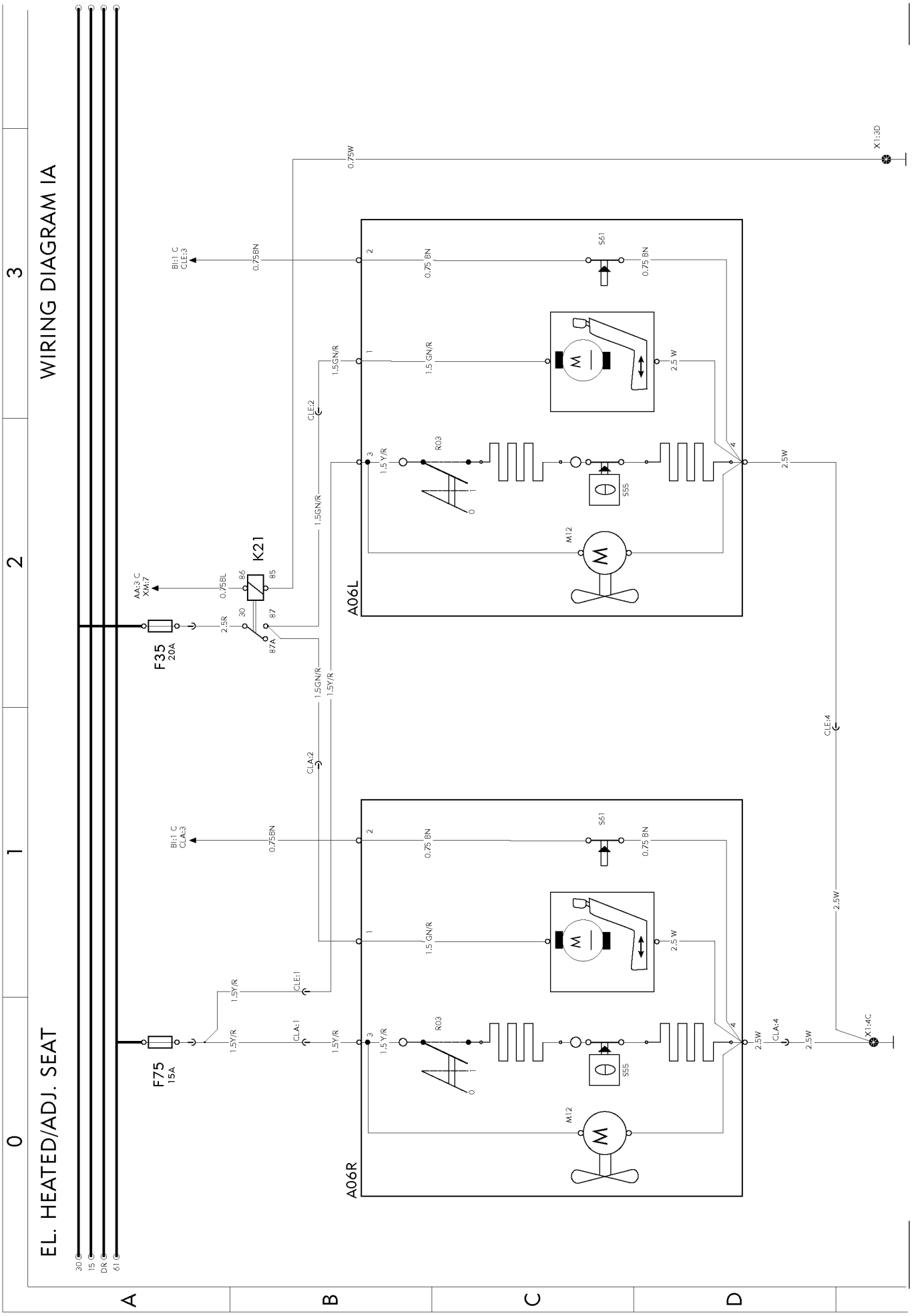

WIRING DIAGRAM HI
AIR HEATER
0
1
2
3
A
B
C
D
30
15
DR
61
F31
20A
B02A
B02B
Thermostat
Thermostat
Y32
S21A
S21B
E28
uP
M07
R07
0.75GN/W
0.75Y
0.75Y/SB
0.75R
0.75SB
0.75GR/R
0.75VO
0.75BN/W
0.75W
0.75GN
0.75BN
0.75Y/R
0.75R/W
0.35BL/SB
2.5R
2.5W

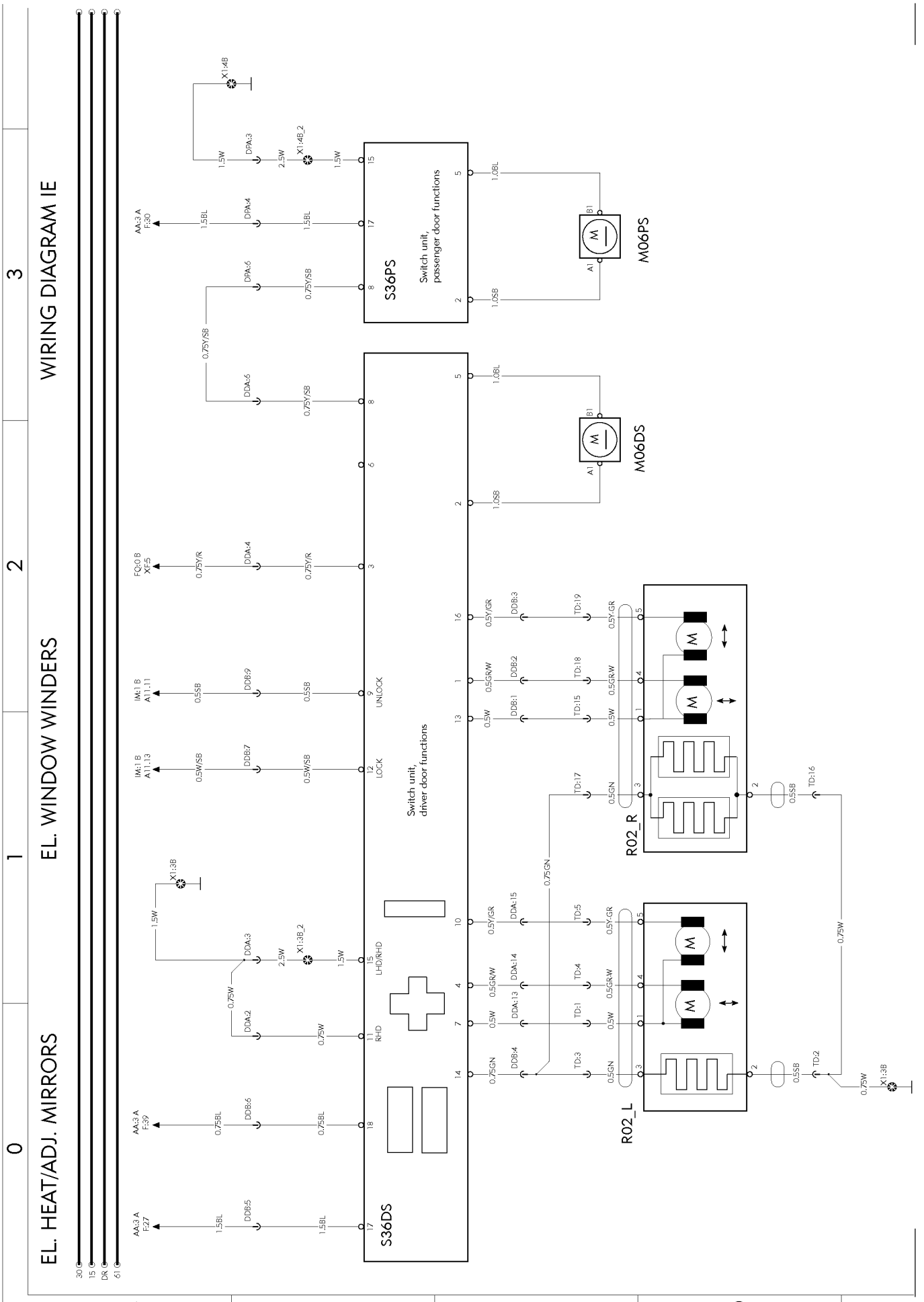

WIRING DIAGRAM HM
WATER HEATER
0
1
2
3
A
B
C
D
30
15
DR
61
F31
20A
A32
E28
Y32
M13
M07
R07
B53
B01
FQ:1 B
XF:2
DQ:1 B
JV/IC:3
BI:0 B
A03:A19
HI:1 B
CUB:15
HI:2 B
CUB/TACH:15
HI:2 B
S21A:7
HI:1 B
CUA:18
HI:1 C
CUA:20
AE:3 B
JV/IC:6
X1:3E
PH_1:1
PH_1:2
PH_1:4
PH_1:5
PH_1:6
PH_1:7
PH_1:8
PH_1:9
PH_1:10
PH_1:11
RA:15
RA:16
0.75Y/R
0.75BN
0.75GN/W
0.75GN
0.75VO
0.75OR
0.75RW
0.75W
2.5R
2.5W
1.5 BN
1.5 W
1.5 BL/W
1.5 BL
2.5 R
2.5 Y
0.75 VO
0.75 VO/BL
0.75 GN
0.75 OR
0.75 GR
0.75SB
A1
A2
A3
A4
B1
B2
B3
B4
B5
B6
B7
X12:1
X12:2
X12:3
X12:4
X12:5
X12:7
X12:8
X12:9
X12:12
X11:1
X11:2
X11:3
X11:4
X11:5
X11:6
X11:7
X11:8
X11:9
X11:10
X11:11
X11:12
X13:1
X13:2
BN
SB
BL
Y
VO
GN
GR

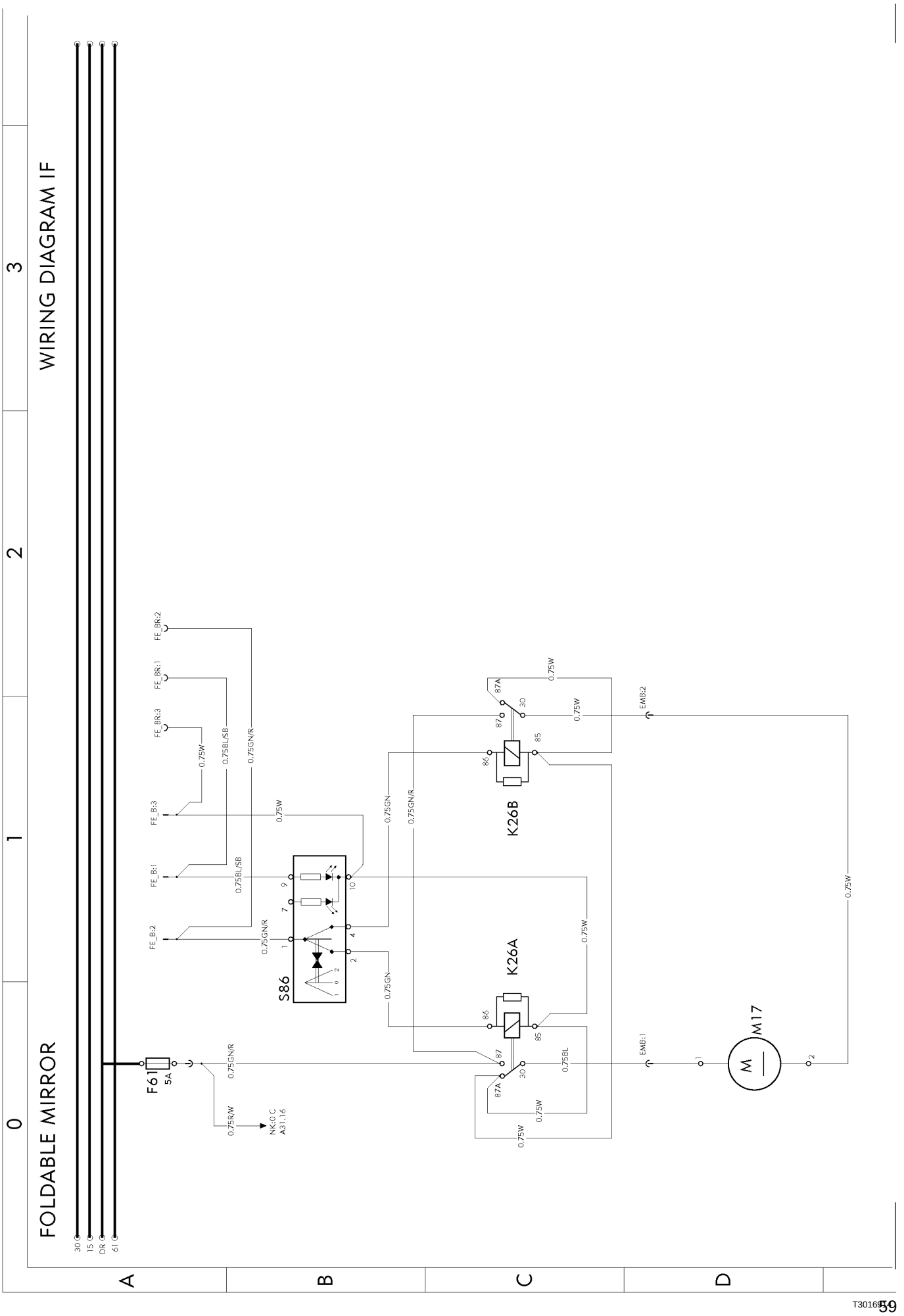

WIRING DIAGRAM HP
SHORT STOP CAB HEATER
0
1
2
3
A
B
C
D
30
15
DR
61
F31
20A
S74
S55
M13
XHP1
XHP2
PH_2:1
PH_2:2
PH_2:3
GB:2 B
XA:6
0.35BL/SB
1.5R
1.5BL
0.75W
0.75VO
0.75GN
1.5GN
1.5BN
2.5W
HI:1 C
CUA:19
HI:4 C
CLC:10
JV/IC:17
HG:10 B
A348.B5A1
HY:1 B
K22.86
XC:10
XC:4

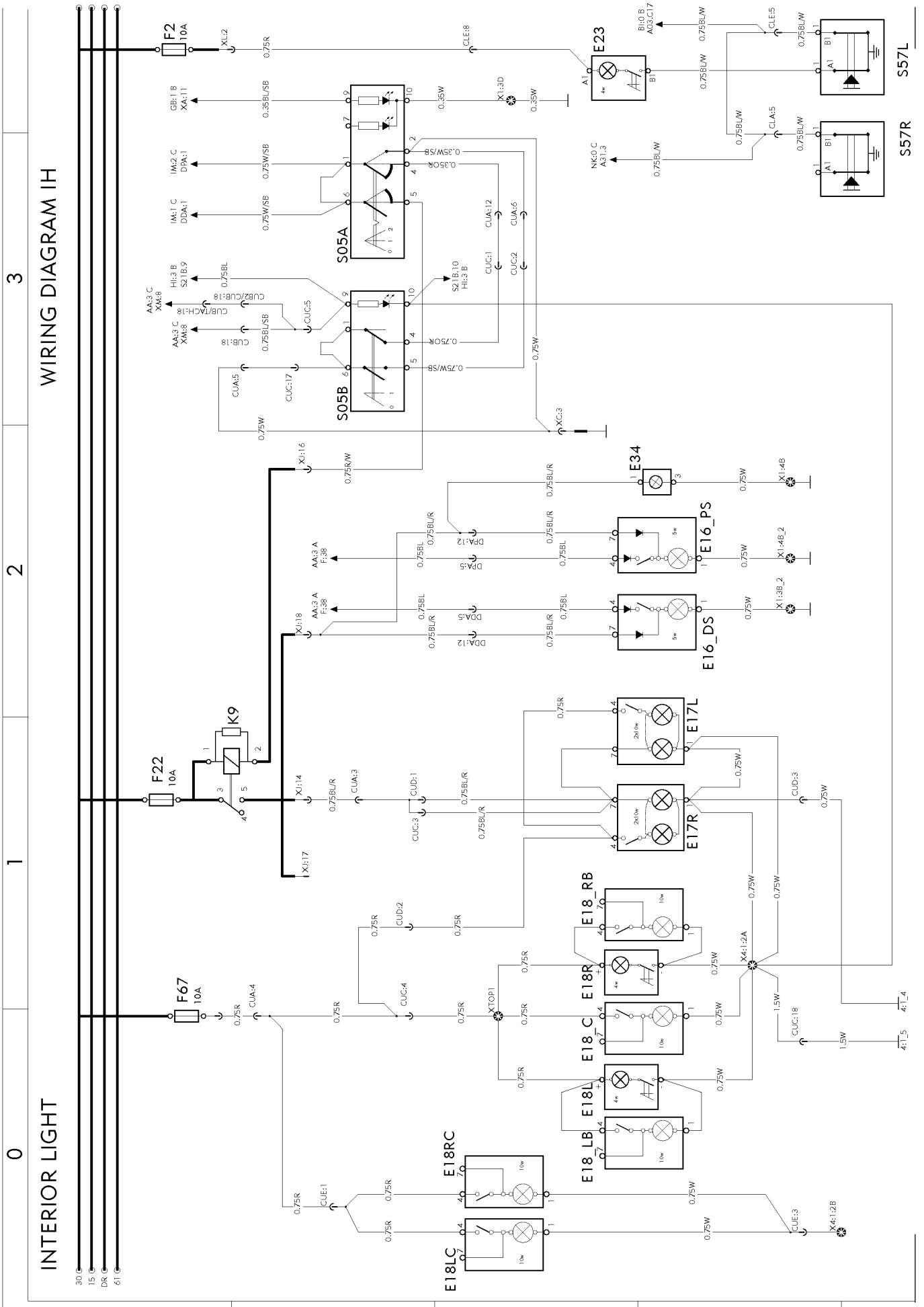

WIRING DIAGRAM HY
CU, -HEAT, -ACMAN, -ACAUT
CLIMATE UNIT
0
1
2
3
A
B
C
D
30
15
DR
61
F21
15A
K6
K22
S04
E32ATC
Y42
XHY1
XK:10
XK:13
XK:16
XC:5
X1:3D
BSA15
BSA9
BSA2
BSA13
BSA10
BSA7
BSA4
BSA12
BSA6
0.75GN/R
1.5GN
1.5SB
1.5Y
1.5BL
0.75GR
0.35BL/SB
GB:2 B
XA:7
0.75W
1.5GN/R
1.5BL
0.75GN/R
1.5W
0.75GN
1.5R
HP:0 D
JV/JC:17
BA:0 C
A17:PA24
MA:1
EN:3
A7
A6
A5
A4
A2
A11
A10
A8
HP
LP
Evaporator controller
M
86
85
30
87
87A

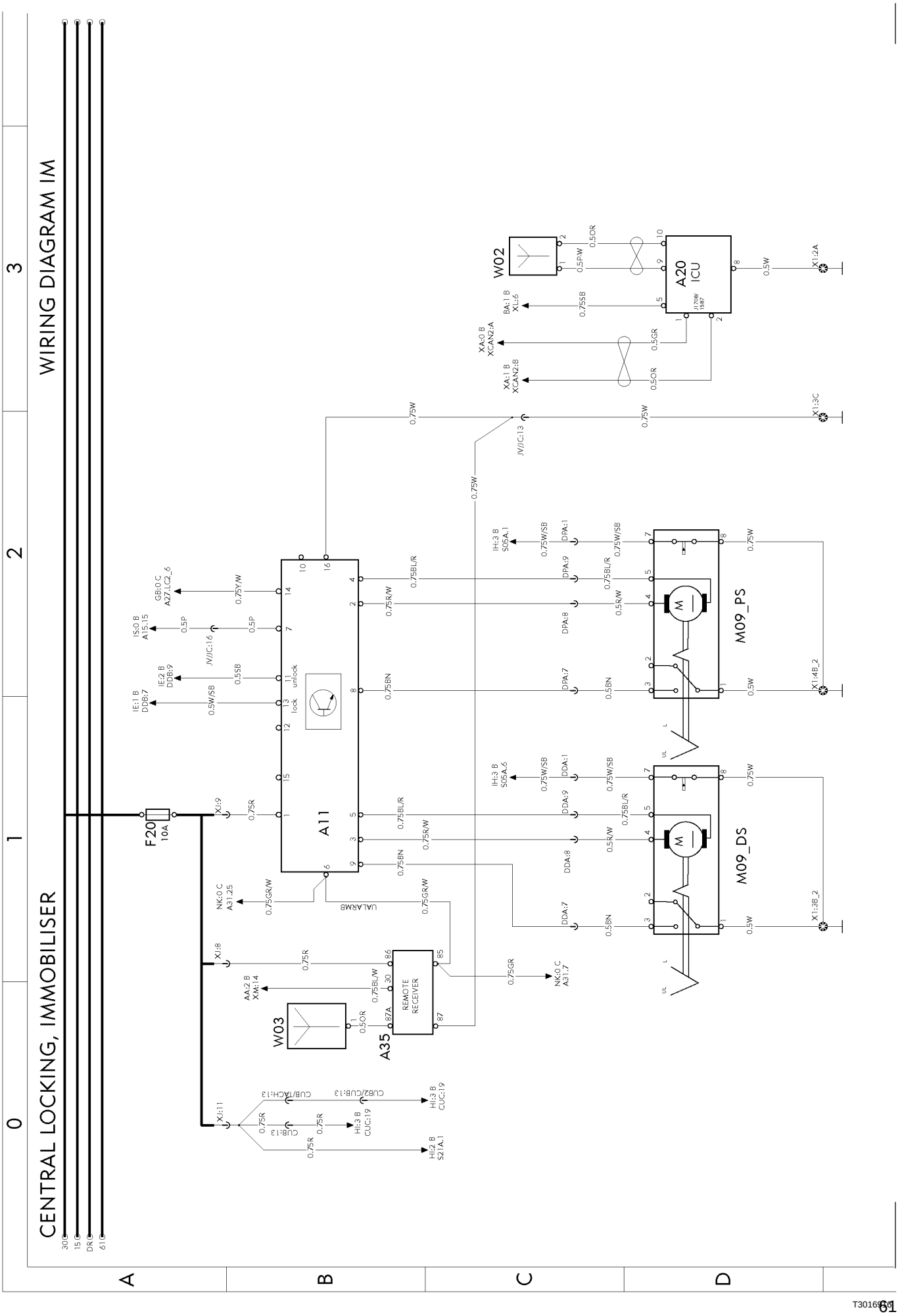

WIRING DIAGRAM HZ
(BRAZIL)
AIR COOLER
0
1
2
3
A
B
C
D
30
15
DR
61
A96
+PUMP
SENSOR
+30
GND
+61
M27
M28
E51C
MOT:1
MOT:2
MOT:4
EXT:1
EXT:2
GD:2
0.75W
0.75GN/Y
0.75BL/Y
0.75Y/R
0.75Y/SB
1.5R
1.5W

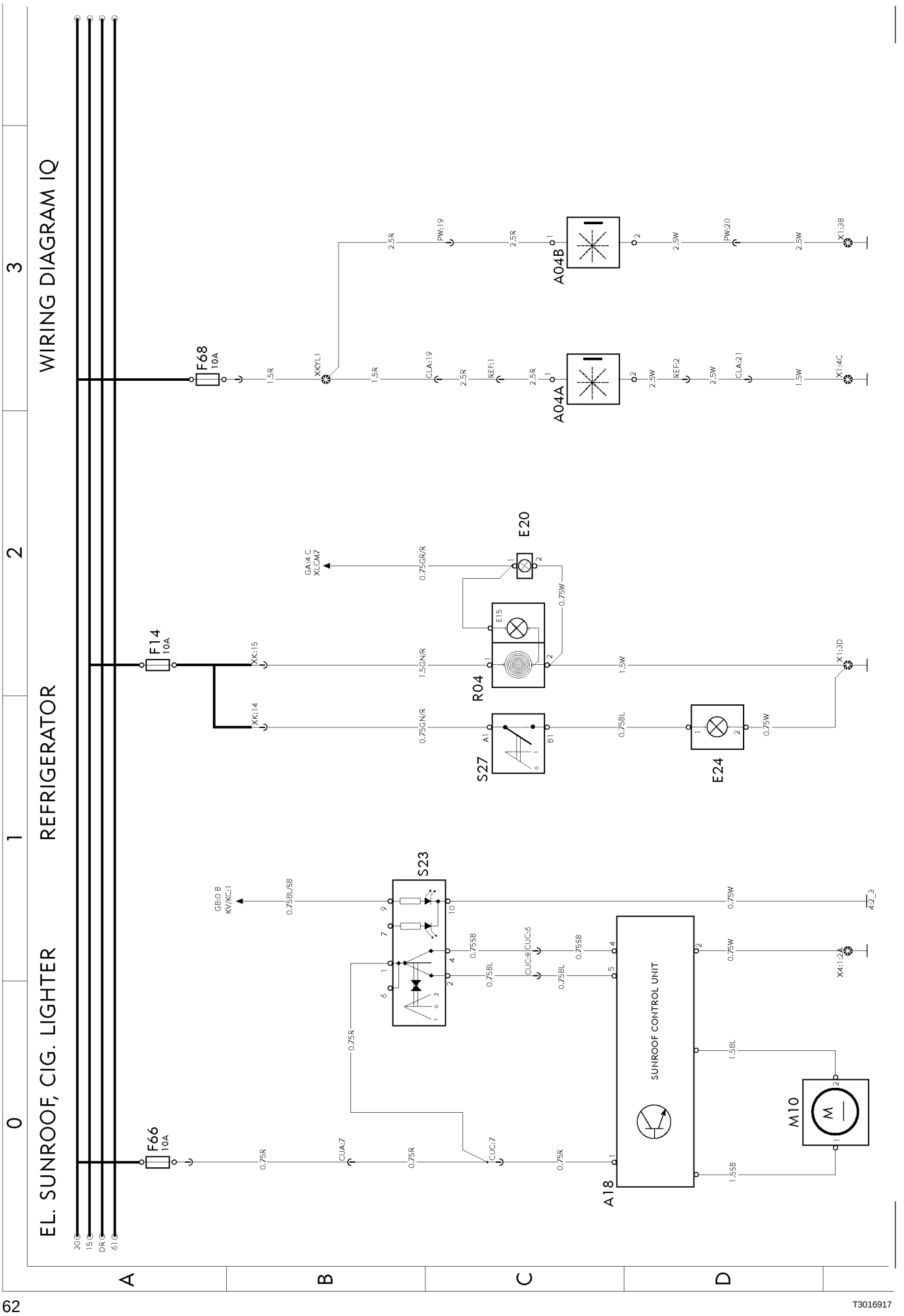

WIRING DIAGRAM IA
EL. HEATED/ADJ. SEAT
0
1
2
3
A
B
C
D
30
15
DR
61
F35
20A
F75
15A
K21
A06L
A06R
M12
S55
S61
R03
X1:3D
X1:4C
CLE:2
CLE:4
CLA:2
CLE:1
CLA:1
CLA:4
0.75W
0.75BN
0.75BL
2.5R
1.5GN/R
1.5Y/R
1.5 GN/R
1.5 Y/R
0.75 BN
2.5 W
2.5W

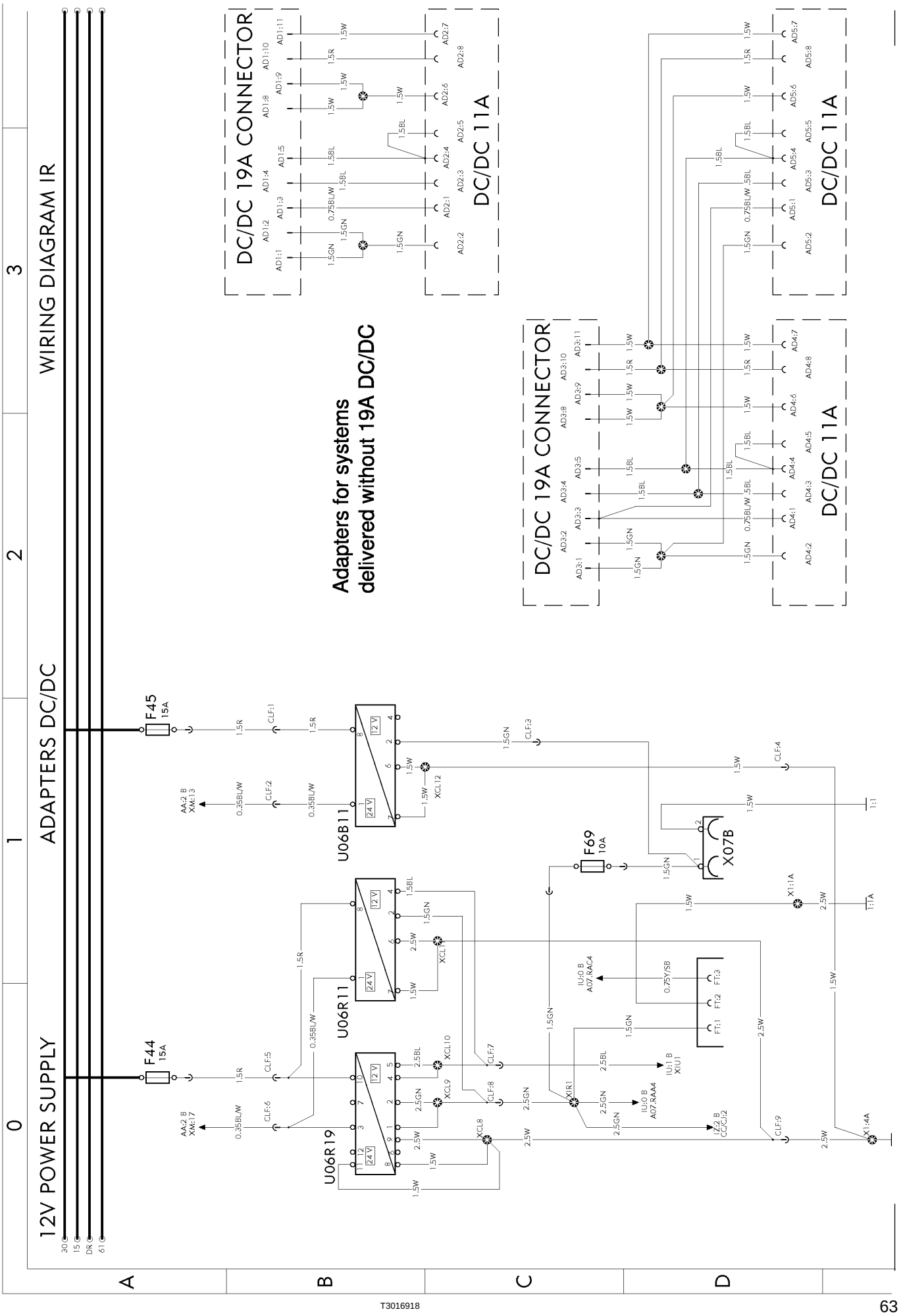

EL. HEAT/ADJ. MIRRORS
EL. WINDOW WINDERS
WIRING DIAGRAM IE
0
1
2
3
A
B
C
D
30
15
DR
61
S36DS
S36PS
M06DS
M06PS
R02_L
R02_R
Switch unit, driver door functions
Switch unit, passenger door functions
UNLOCK
LOCK
LHD/RHD
RHD
X1:3B
X1:3B_2
X1:4B
X1:4B_2
AA:3 A F:27
AA:3 A F:39
AA:3 A F:30
IM:1 B A11, J3
IM:1 B A11, J1
FQ:0 B XF:5
DDA:2
DDA:3
DDA:4
DDA:6
DDA:13
DDA:14
DDA:15
DDB:1
DDB:2
DDB:3
DDB:4
DDB:5
DDB:6
DDB:7
DDB:9
DPA:3
DPA:4
DPA:5
DPA:6
TD:1
TD:2
TD:3
TD:4
TD:5
TD:15
TD:16
TD:17
TD:18
TD:19
0.75SW
0.75GN
0.5W
0.5GR/W
0.5Y/GR
0.5W/SB
0.5SB
0.75Y/R
0.75Y/SB
0.75BL
1.5BL
1.5W
2.5W
1.0BL
1.0SB
0.5GN
0.5Y-GR
0.5SB


FOLDABLE MIRROR
WIRING DIAGRAM IF
0
1
2
3
A
B
C
D
30
15
DR
61
F61
5A
0.75GN/R
0.75R/W
NK:0.C
A31.16
FE_BR:2
FE_BR:1
FE_BR:3
FE_B:3
FE_B:1
FE_B:2
0.75W
0.75BL/SB
0.75GN/R
S86
K26B
K26A
0.75GN
0.75BL
EMB:2
EMB:1
M17
87A
87
30
85
86

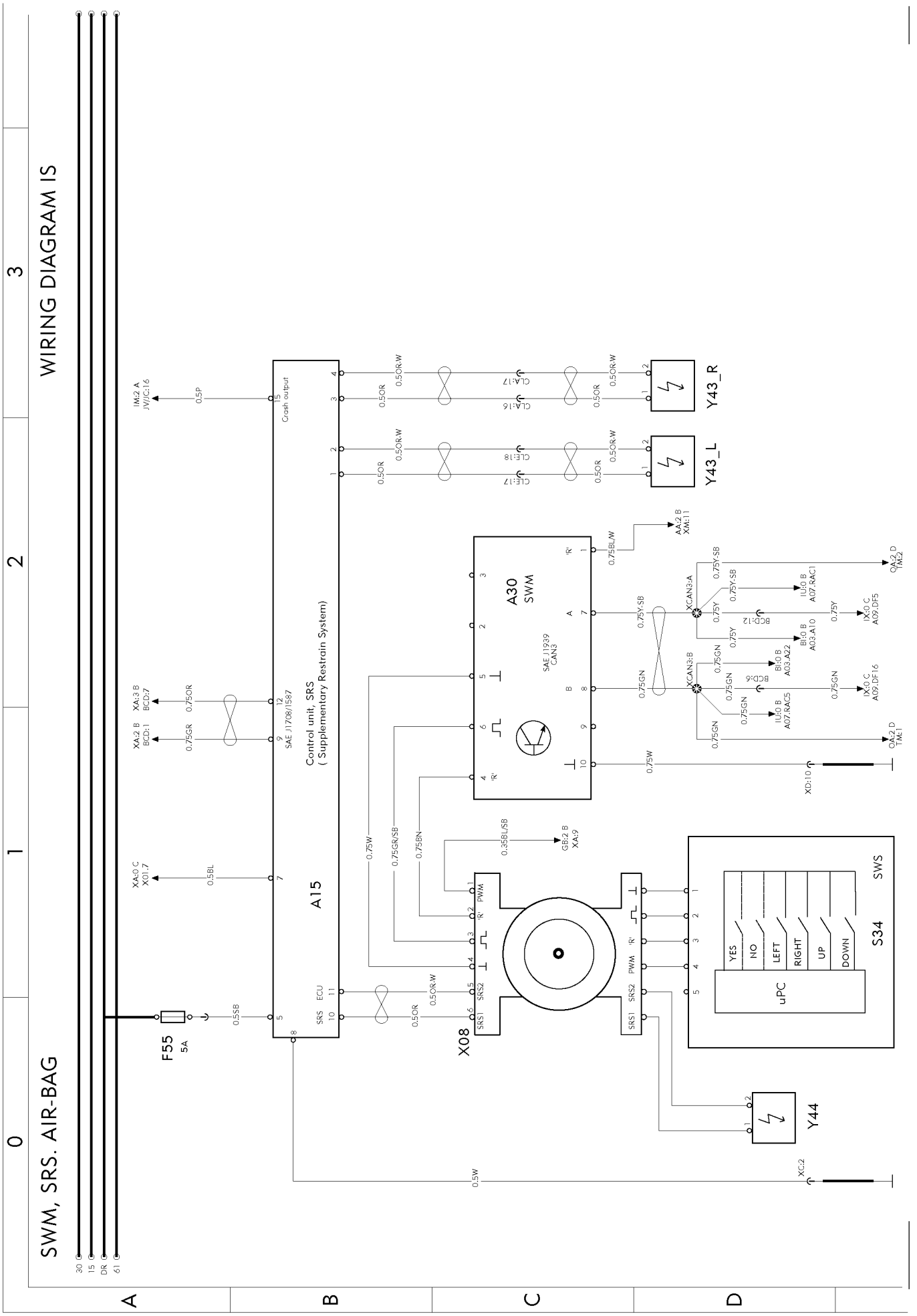

INTERIOR LIGHT
WIRING DIAGRAM IH
0
1
2
3
A
B
C
D
30
15
DR
61
F2
10A
F22
10A
F67
10A
K9
E23
E34
E16_PS
E16_DS
E17L
E17R
E18_RB
E18R
E18_C
E18L
E18_LB
E18RC
E18LC
S05A
S05B
S57L
S57R

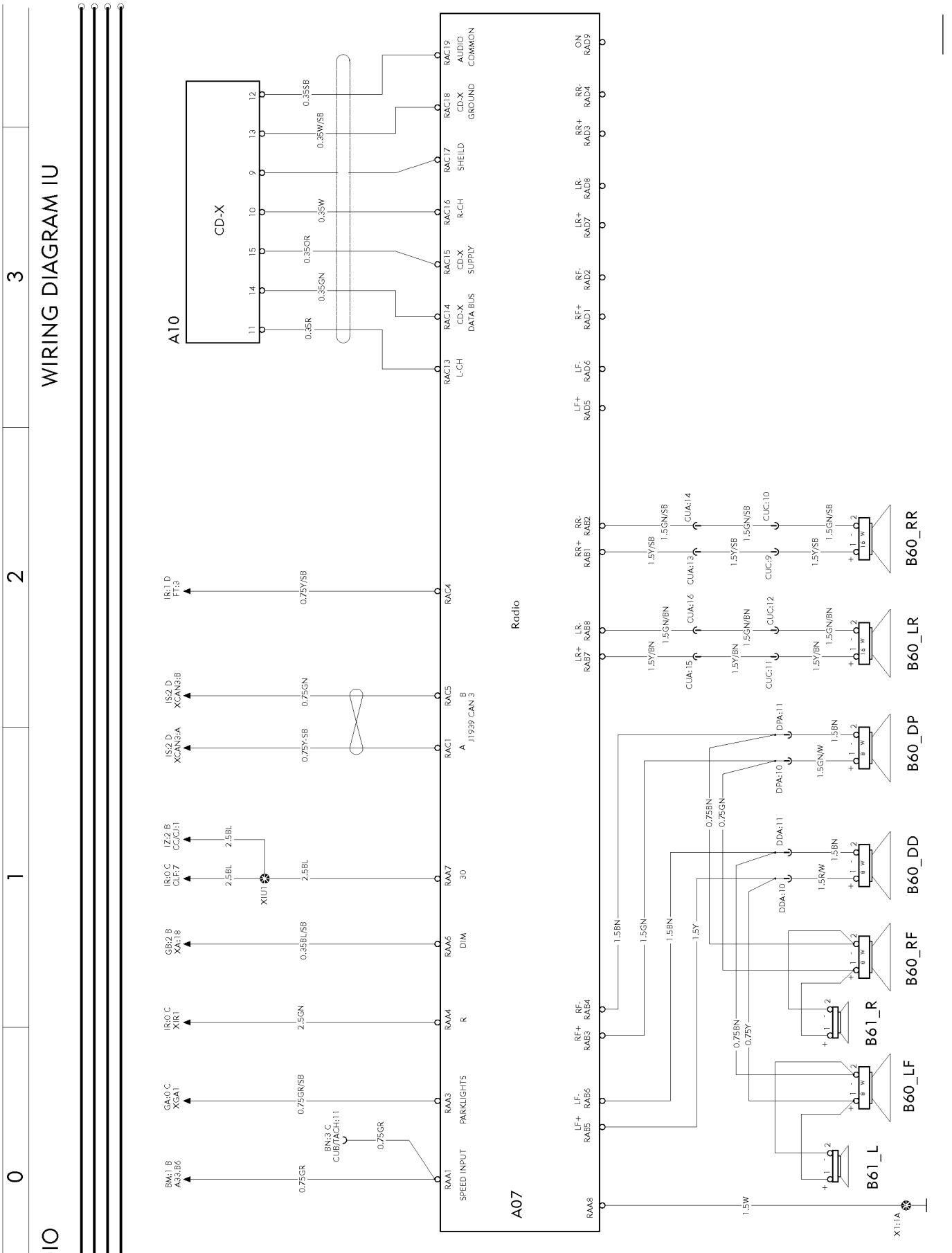

WIRING DIAGRAM IM
CENTRAL LOCKING, IMMOBILISER
A11
A20 ICU
A35
W02
W03
M09_PS
M09_DS
F20 10A
REMOTE RECEIVER
unlock
lock

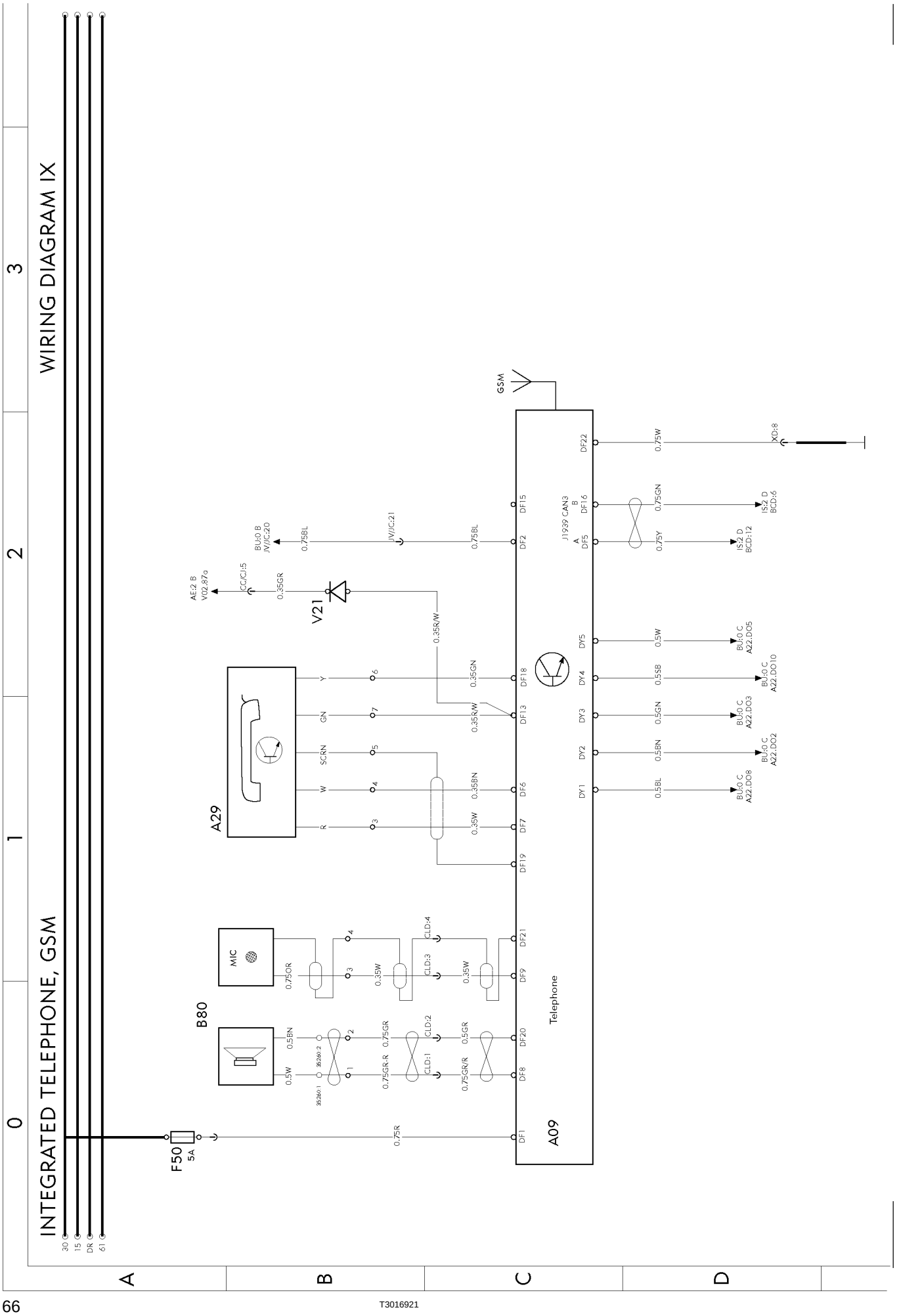

EL. SUNROOF, CIG. LIGHTER REFRIGERATOR
WIRING DIAGRAM IQ
0
1
2
3
A
B
C
D
30
15
DR
61
F66
10A
F14
10A
F68
10A
S23
S27
R04
E20
E24
A04A
A04B
A18
SUNROOF CONTROL UNIT
M10
0.75R
0.75BL/SB
0.75SB
0.75BL
0.75GN/R
1.5GN/R
0.75GR/R
0.75W
1.5W
1.5BL
1.5SB
2.5R
2.5W
CUA:7
CUC:7
CUC:8 CUC:6
XK:15
XK:14
XK*L1
CLA:19
REF:1
PW:19
PW:20
REF:2
CLA:21
X1:3B
X1:4C
X1:3D
X4:1:2A
4.2_3


WIRING DIAGRAM IR
ADAPTERS DC/DC
12V POWER SUPPLY
0
1
2
3
A
B
C
D
30
15
DR
61
F45
15A
F44
15A
F69
10A
U06B11
U06R11
U06R19
X07B
DC/DC 19A CONNECTOR
DC/DC 11A
Adapters for systems
delivered without 19A DC/DC

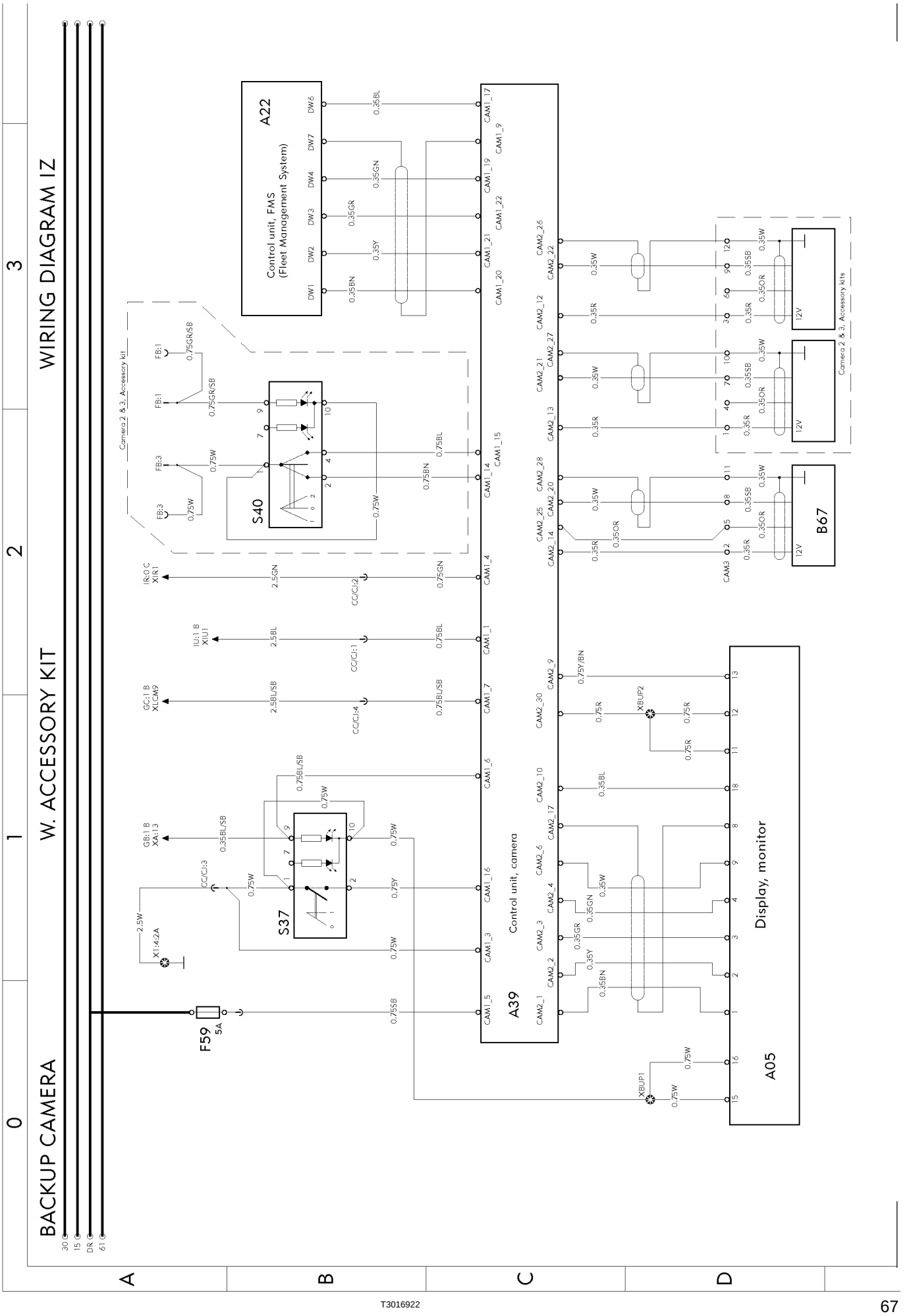
T3016918

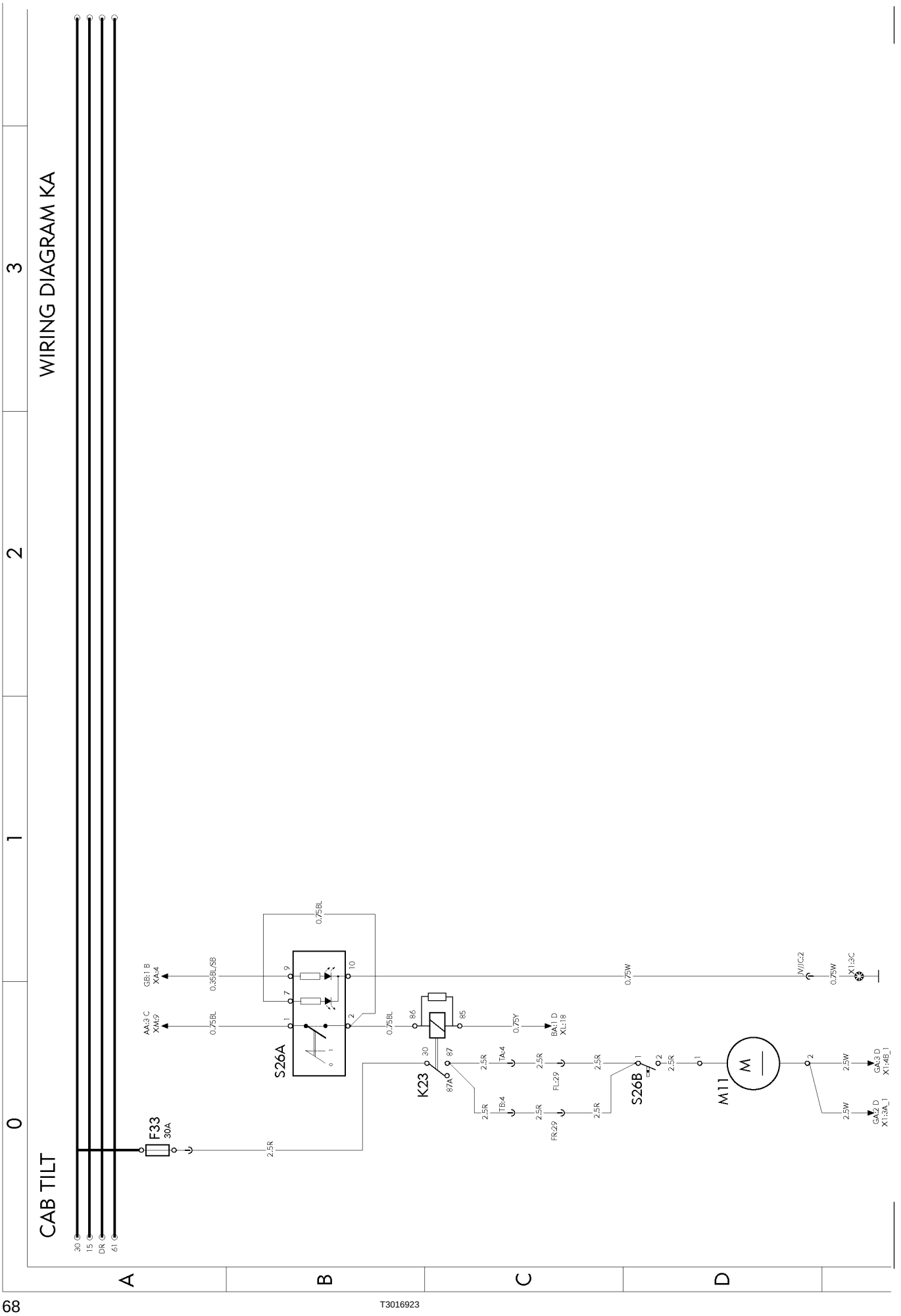

WIRING DIAGRAM IS
SWM, SRS. AIR-BAG
A15
Control unit SRS
(Supplementary Restrain System)
A30
SWM
SAE J1939
CAN3
S34
SWS
uPC
YES
NO
LEFT
RIGHT
UP
DOWN
Y43_R
Y43_L
Y44
X08
F55
5A
Crash output
SAE J1708/1587
ECU
SRS
PWM
SRS1
SRS2
XCAN3:A
XCAN3:B
0.5P
0.5SB
0.5BL
0.75GR
0.75OR
0.5OR
0.5OR-W
0.75W
0.75GR/SB
0.75BN
0.35BL/SB
0.75BL/W
0.75Y-SB
0.75Y
0.75GN
0.5W


RADIO
WIRING DIAGRAM IU
0
1
2
3
A
B
C
D
30
15
DR
61
A10
CD-X
A07
Radio
B61_L
B61_R
B60_LF
B60_RF
B60_DD
B60_DP
B60_LR
B60_RR

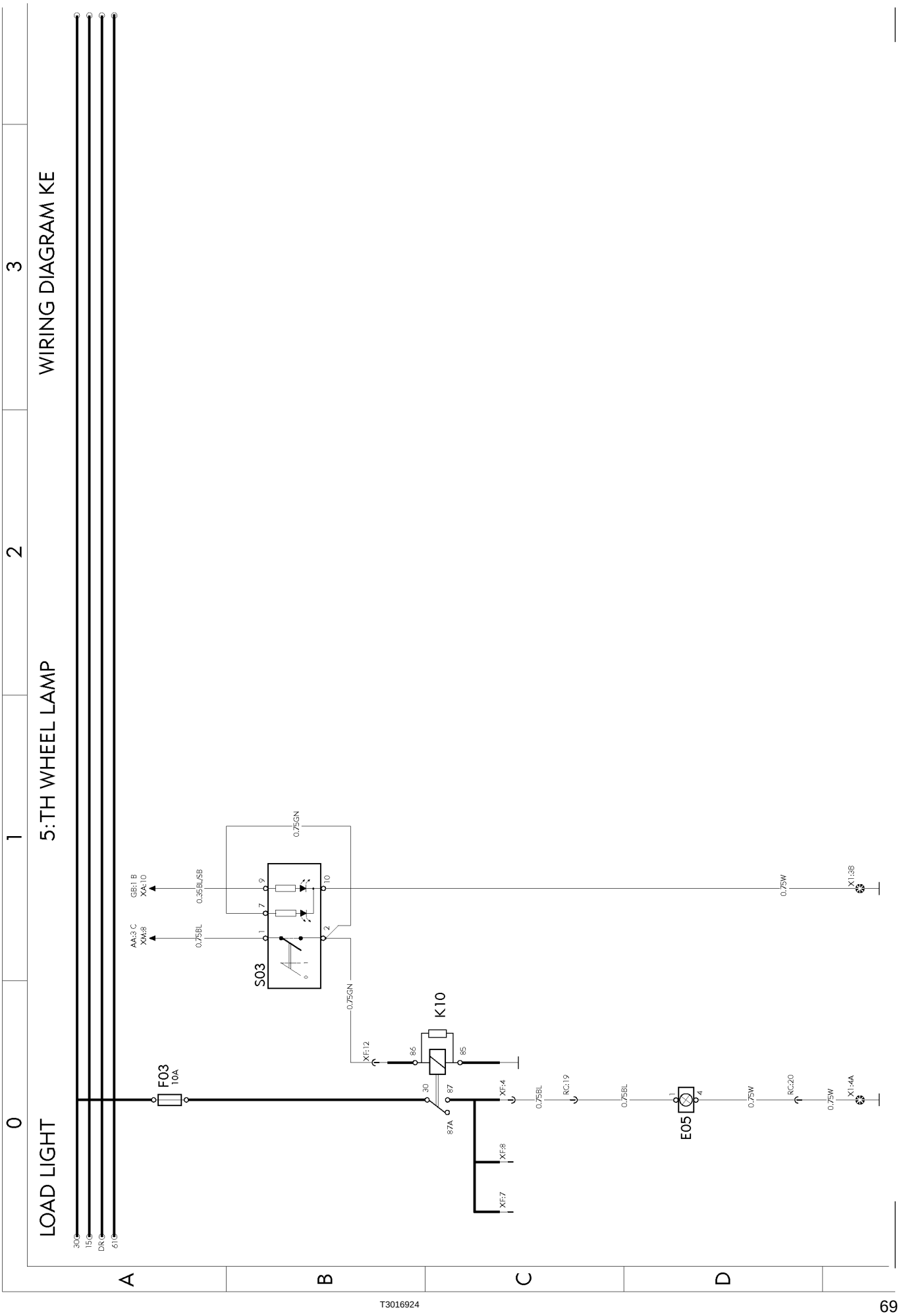

INTEGRATED TELEPHONE, GSM
WIRING DIAGRAM IX
30
15
DR
61
F50
5A
0.75R
A09
Telephone
A29
B80
MIC
V21
GSM
0.75OR
0.5W
0.5BN
0.75GR
0.75GR-R
0.75GK/R
0.5GR
0.35W
0.35BN
0.35GN
0.35R/W
0.75BL
0.35GR
0.75W
0.75GN
0.75Y
0.5W
0.5SB
0.5GN
0.5BN
0.5BL
J1939 CAN3
A
B
IS2.D
BCD:12
BCD:6
XD:8
AE:2.B
V02.87a
BU:0.B
JV/JC:20
JV/JC:21
CC/CJ:5
BU:0.C
A22.DO5
A22.DO10
A22.DO3
A22.DO2
A22.DO8
CLD:1
CLD:2
CLD:3
CLD:4
A
B
C
D
0
1
2
3

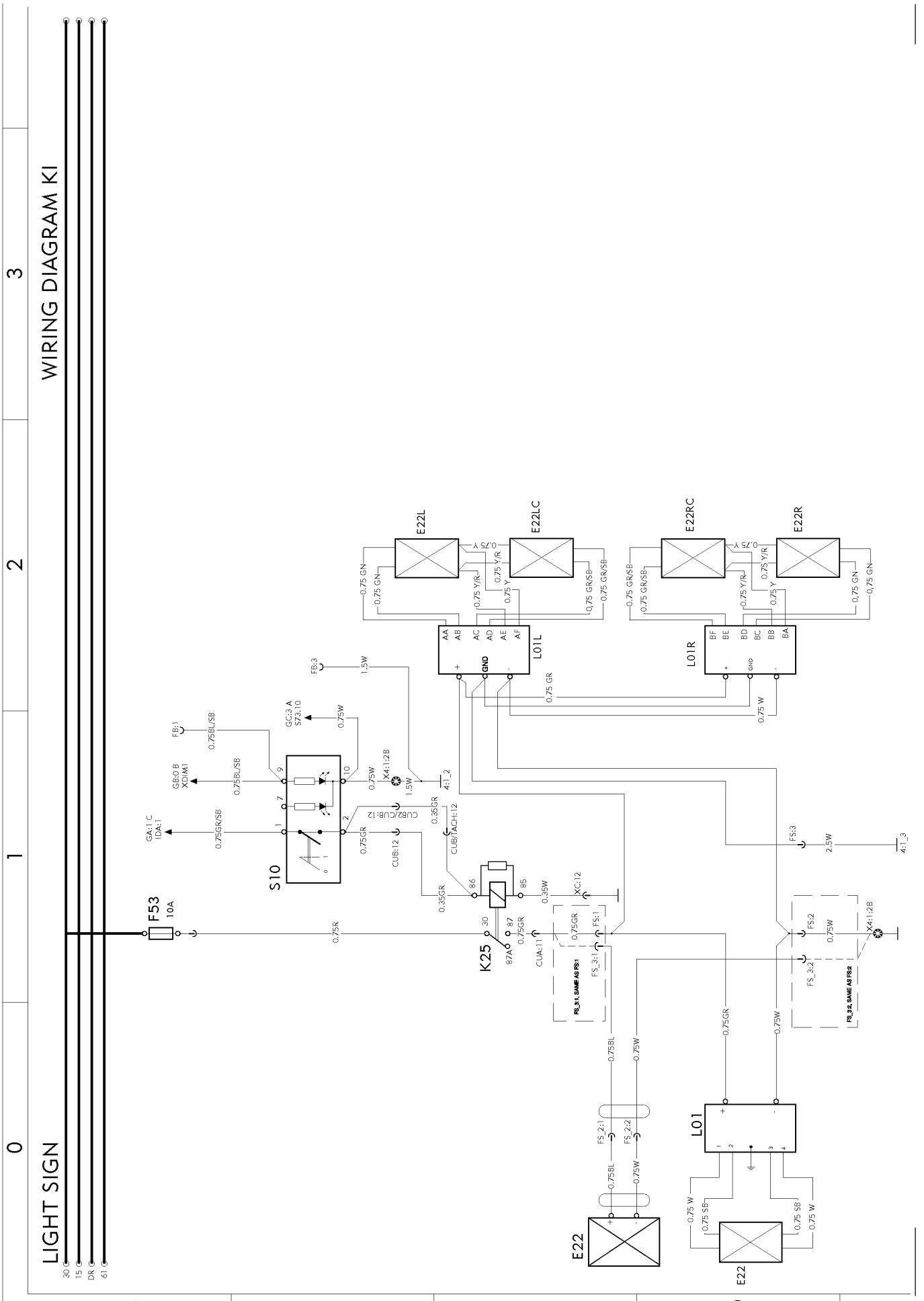
T3016921

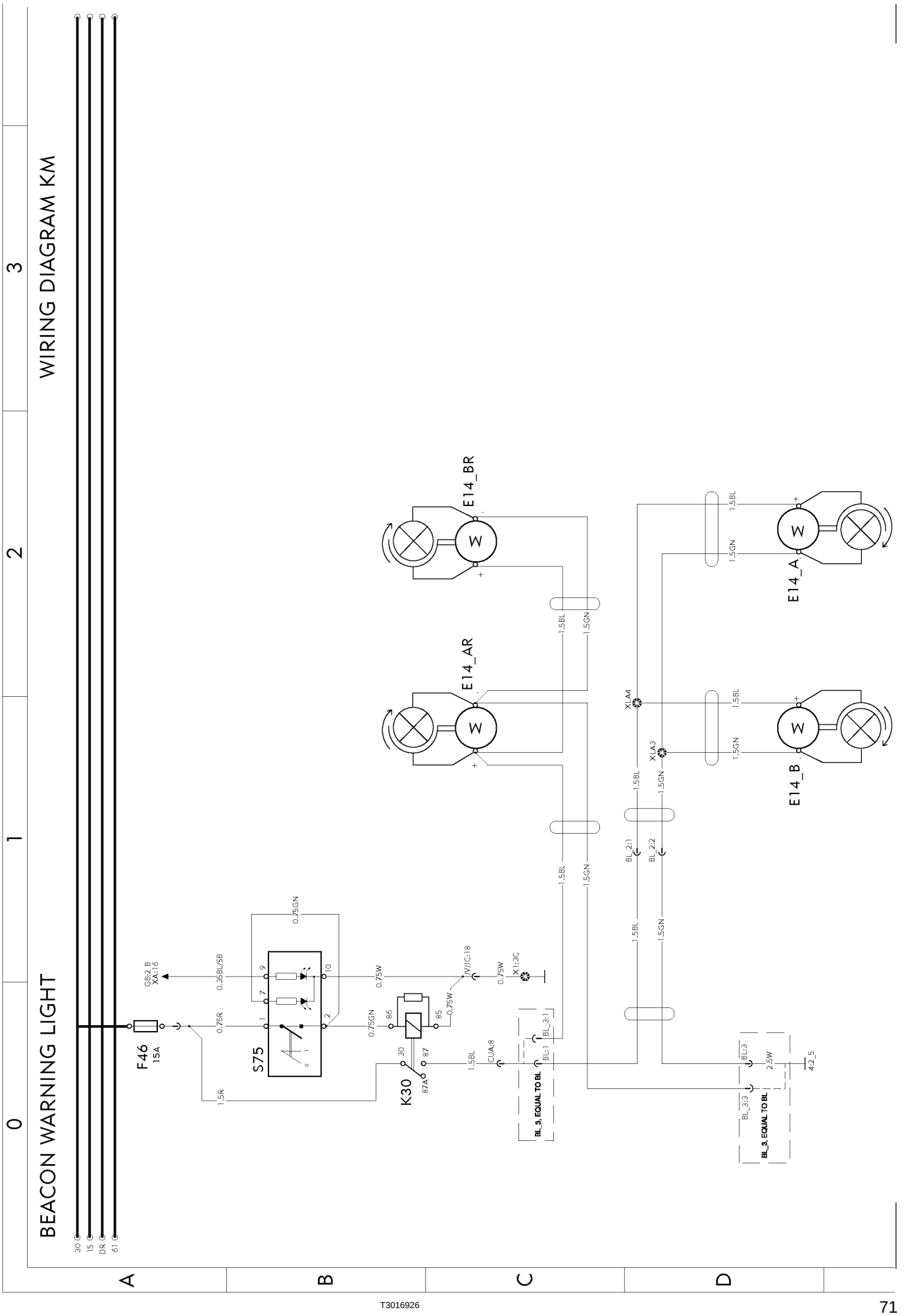

WIRING DIAGRAM IZ
W. ACCESSORY KIT
BACKUP CAMERA
0
1
2
3
A
B
C
D
30
15
DR
61
A22
Control unit, FMS
(Fleet Management System)
DW1
DW2
DW3
DW4
DW7
DW6
0.35BN
0.35Y
0.35GR
0.35GN
0.35BL
Camera 2 & 3, Accessory kit
FB:1
FB:3
0.75GR/SB
0.75W
S40
0.75BN
0.75BL
IR:0 C
XIR1
IU:1 B
XIU1
GC:1 B
XLCM9
2.5GN
2.5BL
2.5BL/SB
0.75GN
0.75BL
0.75BL/SB
CC/CI:1
CC/CI:2
CC/CI:4
CC/CI:3
GB:1 B
XA:1.3
0.35BL/SB
S37
2.5W
X1:4:2A
F59
5A
0.75SB
A39
Control unit, camera
CAM1_1
CAM1_3
CAM1_4
CAM1_5
CAM1_6
CAM1_7
CAM1_14
CAM1_15
CAM1_16
CAM1_17
CAM1_19
CAM1_20
CAM1_21
CAM1_22
CAM2_1
CAM2_2
CAM2_3
CAM2_4
CAM2_6
CAM2_9
CAM2_10
CAM2_17
CAM2_30
0.75Y/BN
0.75R
0.35W
XBUP2
XBUP1
A05
Display, monitor
CAM2_12
CAM2_13
CAM2_14
CAM2_20
CAM2_21
CAM2_22
CAM2_25
CAM2_26
CAM2_27
CAM2_28
CAM3
0.35OR
0.35SB
12V
B67
Camera 2 & 3, Accessory kits

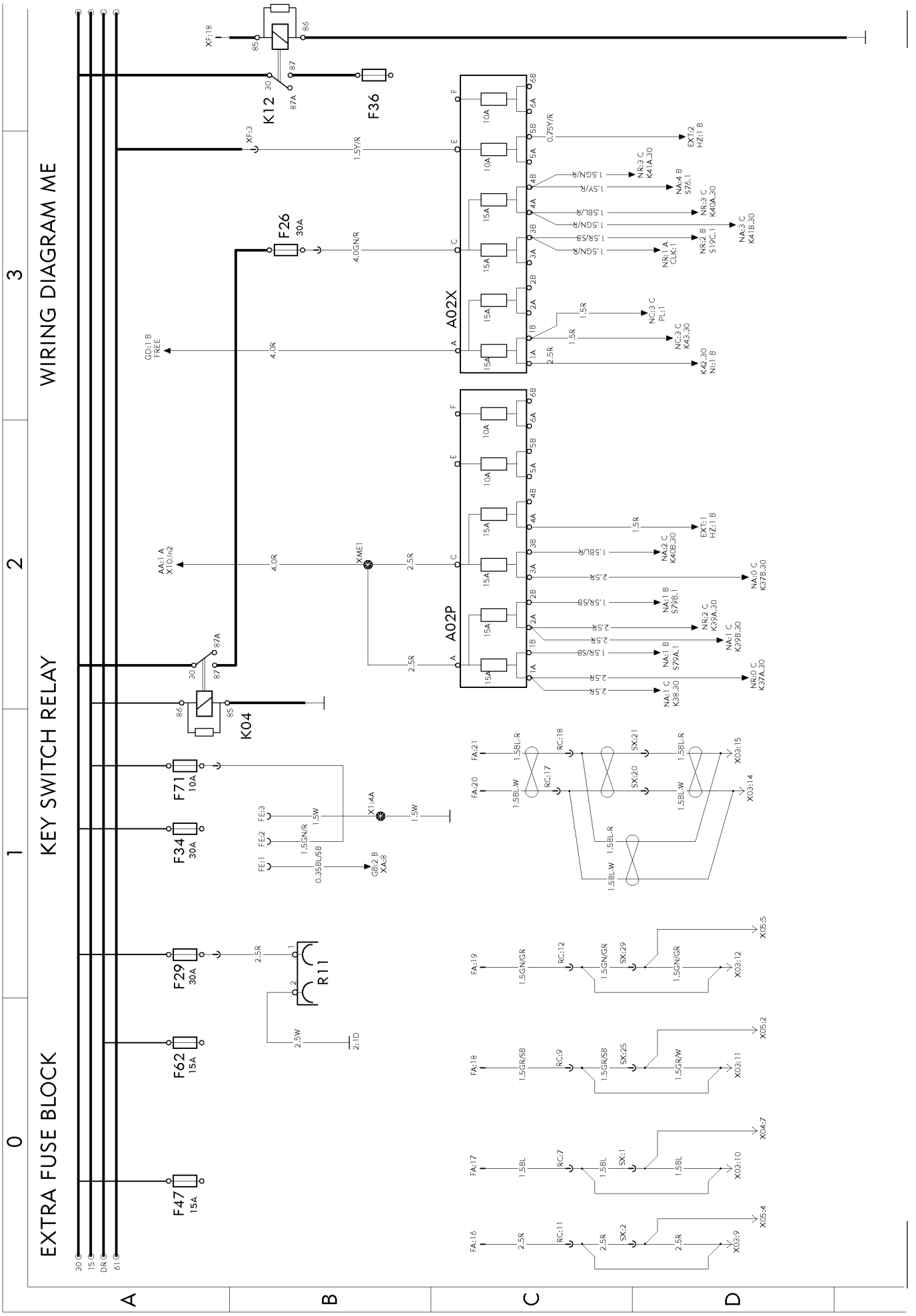

WIRING DIAGRAM KA
CAB TILT
0
1
2
3
A
B
C
D
30
15
DR
61
F33
30A
2.5R
S26A
S26B
K23
M11
M
0.75BL
0.35BL/SB
0.75SW
0.75Y
2.5R
2.5W
GB:1 B
XA:4
AA:3 C
XM:9
BA:1 D
XL:18
IV/IC:2
X1:3C
GA:3 D
X1:4B_1
GA:2 D
X1:3A_1
TA:4
TB:4
FL:29
FR:29

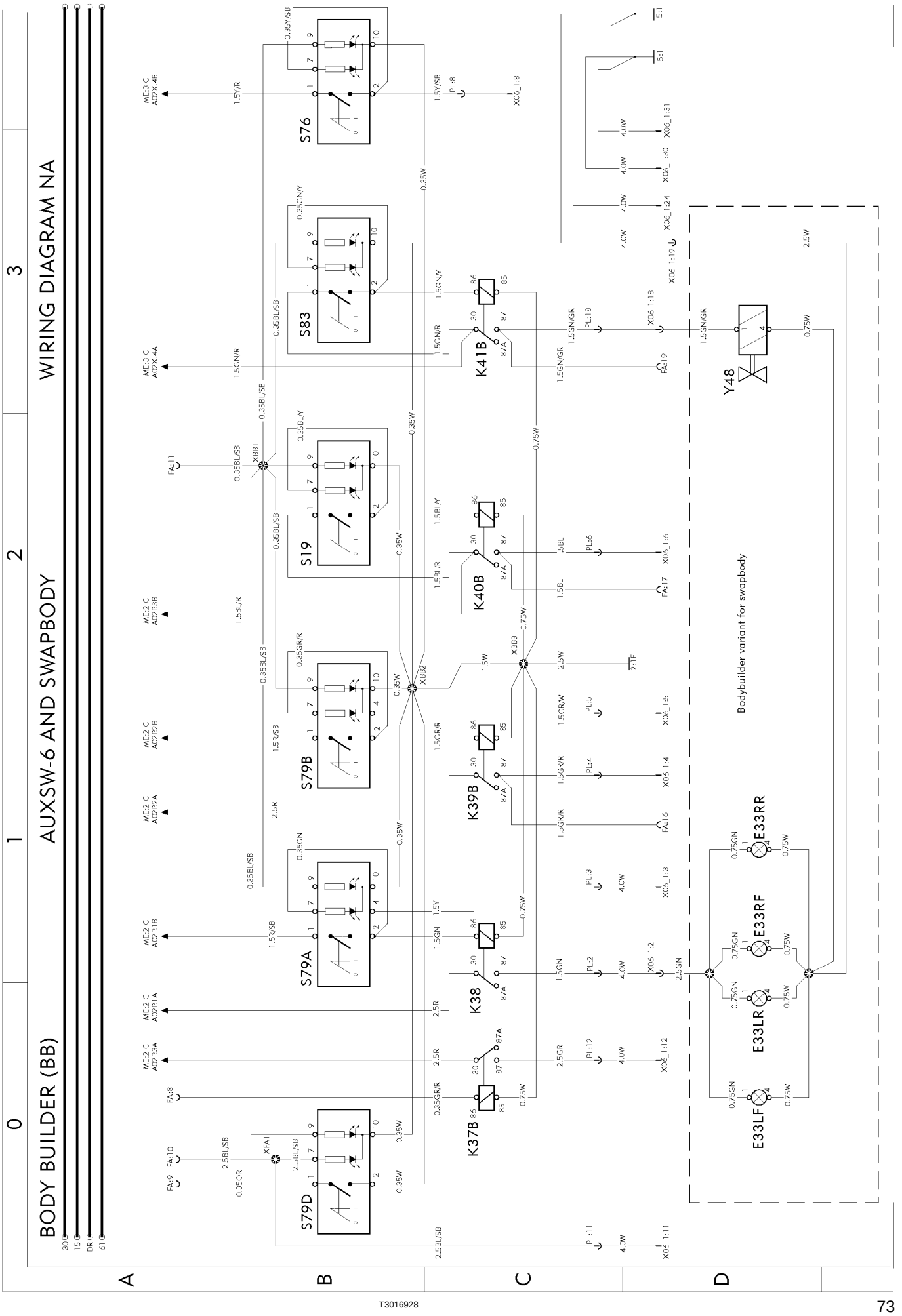
T3016923

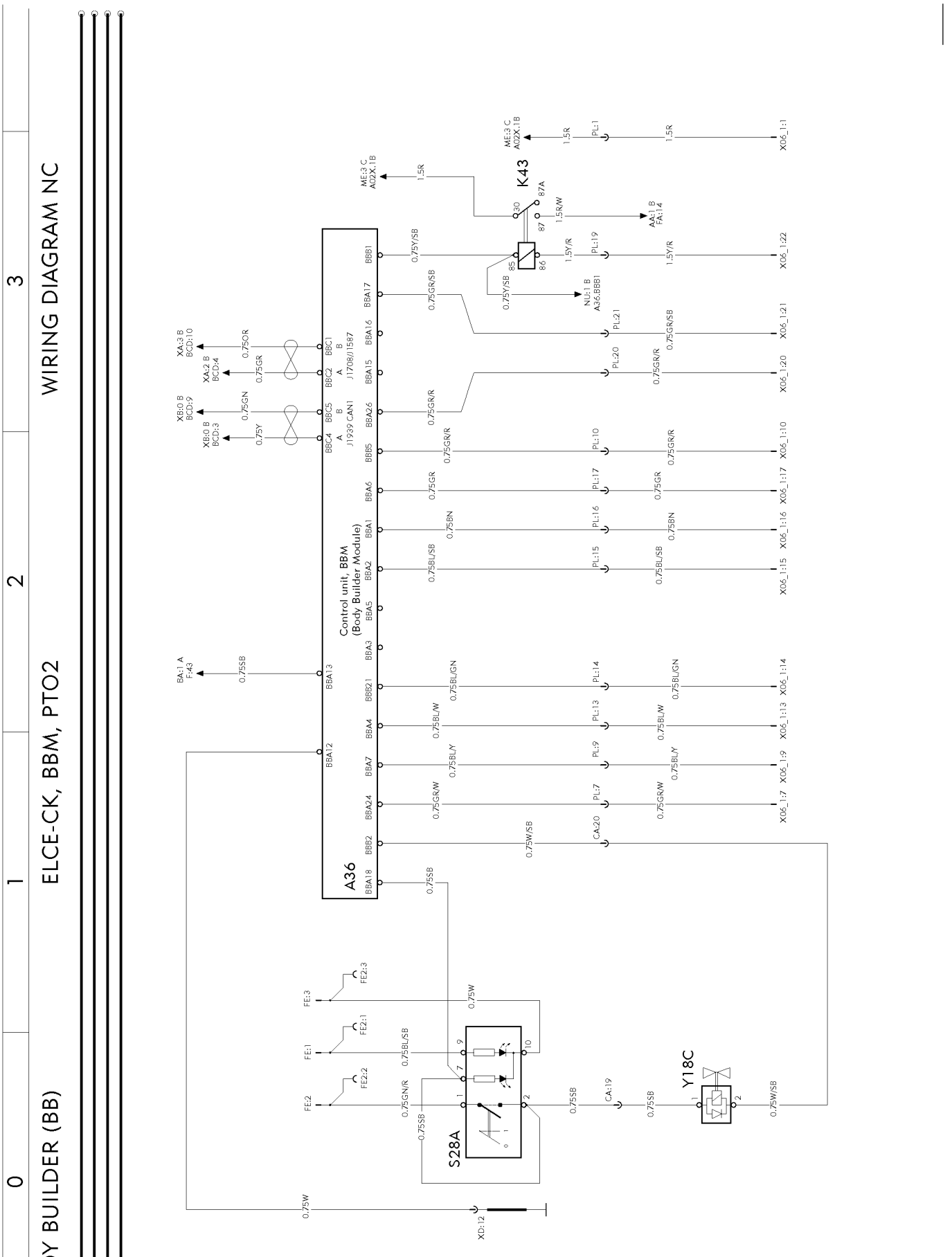

WIRING DIAGRAM KE
5:TH WHEEL LAMP
LOAD LIGHT
0
1
2
3
A
B
C
D
30
15
DR
61
F03
10A
S03
K10
E05
0.75GN
0.35BL/SB
0.75BL
0.75W
GB:1 B
XA:10
AA:3 C
XM:8
XF:12
XF:4
XF:8
XF:7
RC:19
RC:20
X1:36
X1:4A
86
85
30
87
87A

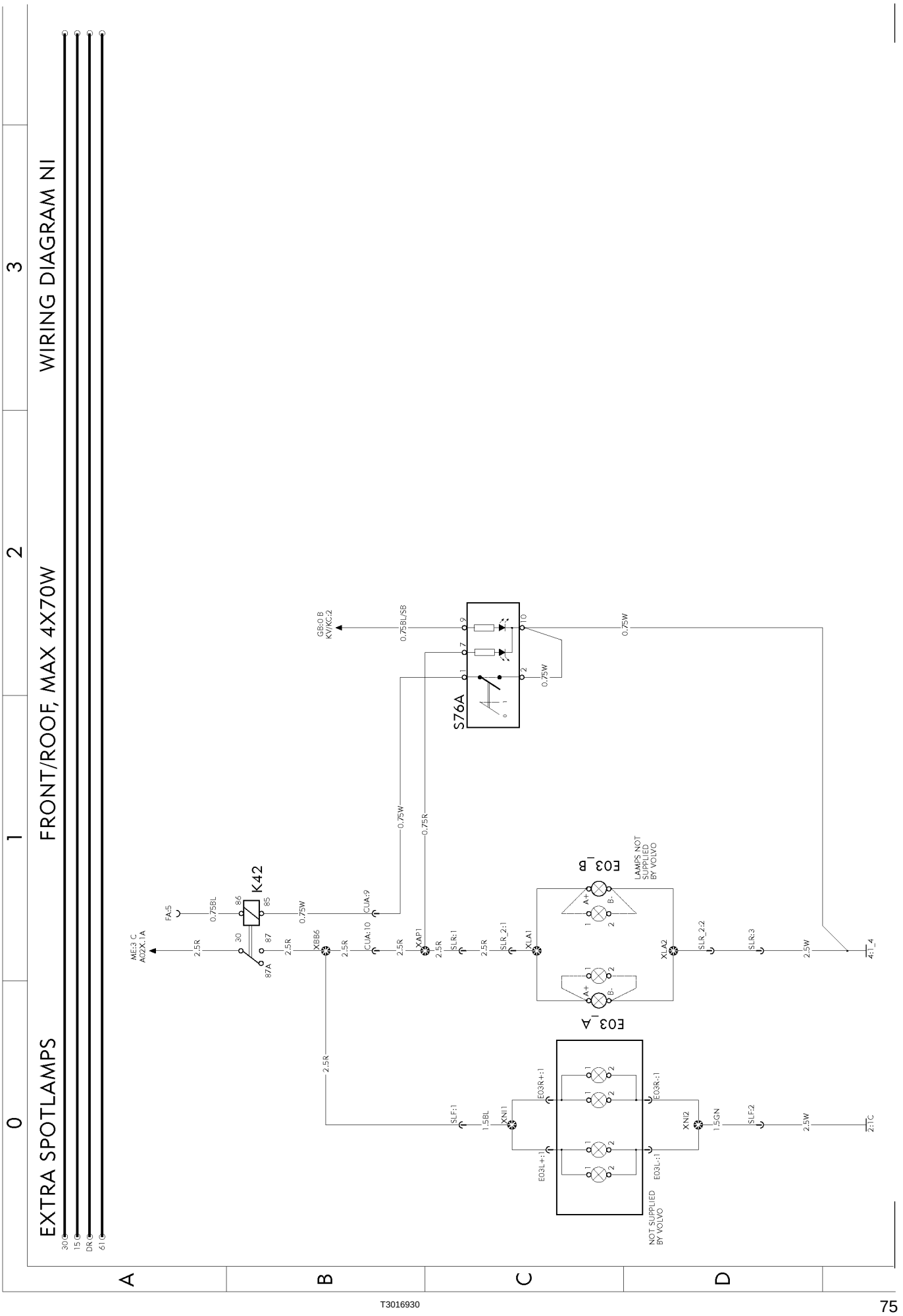

WIRING DIAGRAM KI
LIGHT SIGN
30
15
DR
61
F53
10A
S10
K25
L01
L01L
L01R
E22
E22L
E22LC
E22RC
E22R
0.75R
0.75GR/SB
0.75BL/SB
0.75GR
0.35GR
0.75BL
0.75W
0.75 GR
0.75 W
0.75 GN
0.75 Y/R
0.75 Y
0.75 SB
0.75 GR/SB
1.5W
2.5W
0.35W
FB:1
FB:3
GA:1 C
IDA:1
GB:0 B
XDM1
GC:3 A
S73:10
CUB2/CUB:12
CUB/TACH:12
CUB:12
CUA:11
XC:12
X4:1:2B
4:1_2
4:1_3
FS:1
FS:2
FS:3
FS_3:1
FS_3:2
FS_2:1
FS_2:2
FS_3:1_SAME AS FS:1
FS_3:2_SAME AS FS:2
A
B
C
D
0
1
2
3

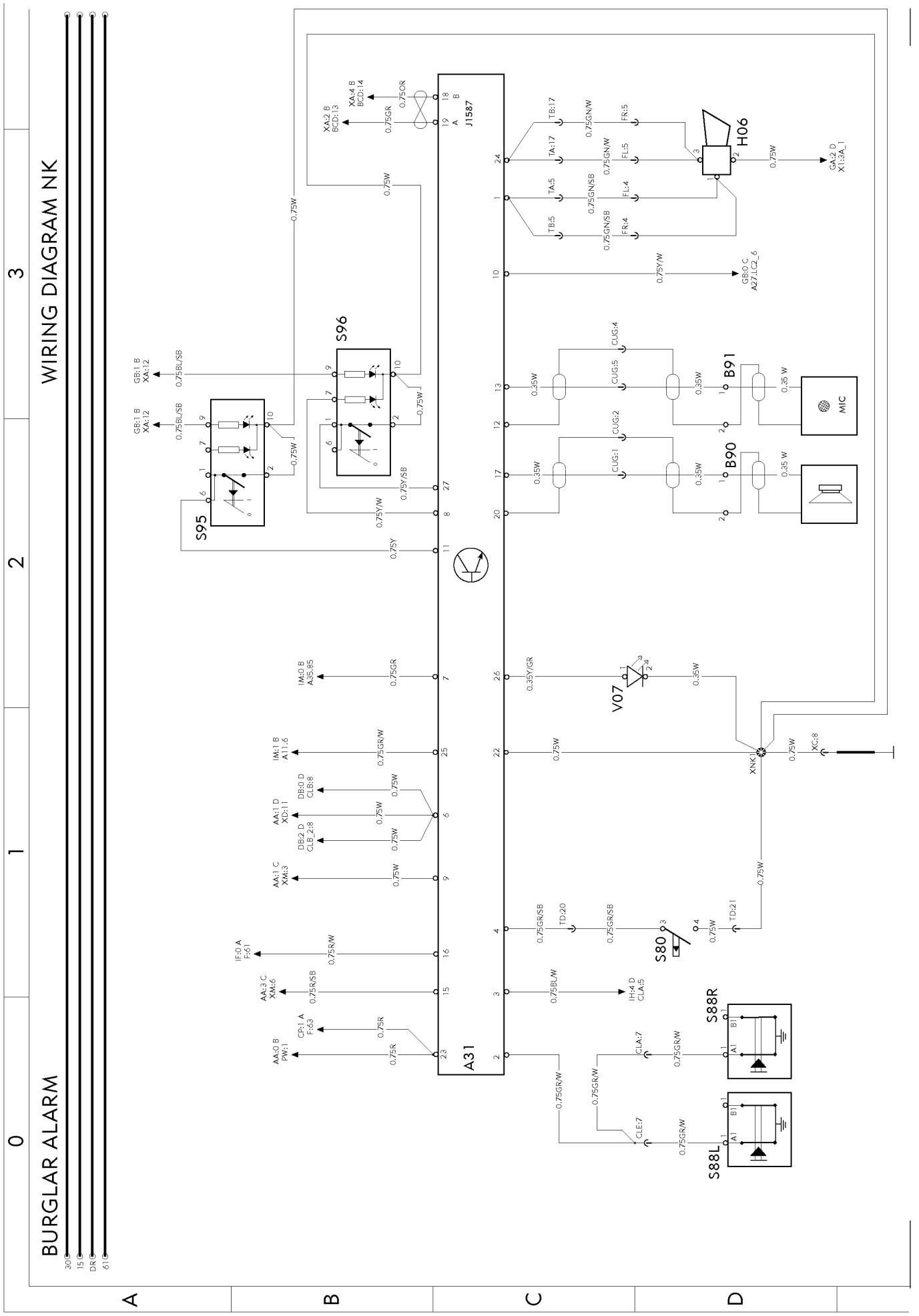

WIRING DIAGRAM KM
BEACON WARNING LIGHT
0
1
2
3
A
B
C
D
30
15
DR
61
F46
15A
S75
K30
E14_BR
E14_AR
E14_A
E14_B
GB:2 B
XA:16
0.35BL/SB
0.75R
0.75GN
0.75W
1.5R
1.5BL
1.5GN
2.5W
IV/C:18
X1:3C
CUA:8
BL_3:1
BL_3:3
BL_2:1
BL_2:2
X1A4
X1A3
4:2_5
BL_3, EQUAL TO BL

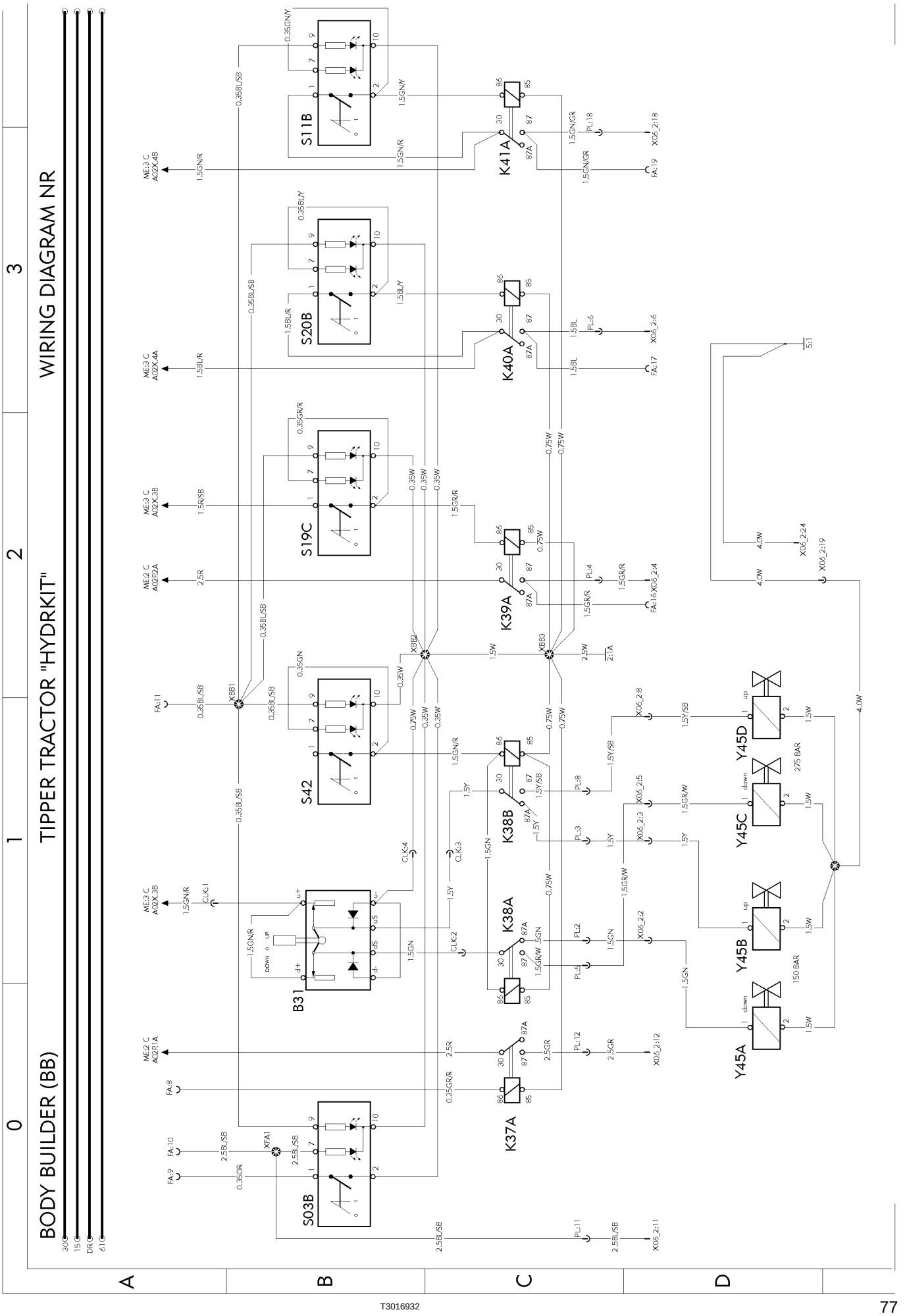

EXTRA FUSE BLOCK
KEY SWITCH RELAY
WIRING DIAGRAM ME
0
1
2
3
A
B
C
D
30
15
DR
61
F47 15A
F62 15A
F29 30A
F34 30A
F71 10A
F26 30A
F36
K12
K04
R11
A02X
A02P
XF:18
XF:3
XME1
X1:4A
FE:1
FE:2
FE:3
GB:2 B XA:8
AA:1 A X10.in2
GD:1 B FREE
K42:30 NI:1 B
EXT:1 HZ:1 B
EXT:2 HZ:1 B
NA:0 C K37B.30
NA:1 C K38.30
NA:1 B S79A.1
NA:1 B S79B.1
NA:1 C K39B.30
NA:2 C K39A.30
NA:2 C K40B.30
NA:3 C K41A.30
NA:3 C K41B.30
NA:4 B S76.1
NC:3 C K43.30
NC:3 C PL:1
NR:1 A CLK:1
NR:2 B S19C.1
NR:3 C K40A.30
NR:3 C K41A.30
NR:0 C K37A.30
FA:21
FA:20
FA:19
FA:18
FA:17
FA:16
RC:18
RC:17
RC:12
RC:9
RC:7
RC:11
SX:21
SX:20
SX:29
SX:25
SX:1
SX:2
X03:15
X03:14
X03:12
X03:11
X03:10
X03:9
X05:5
X05:2
X04:7
X05:4

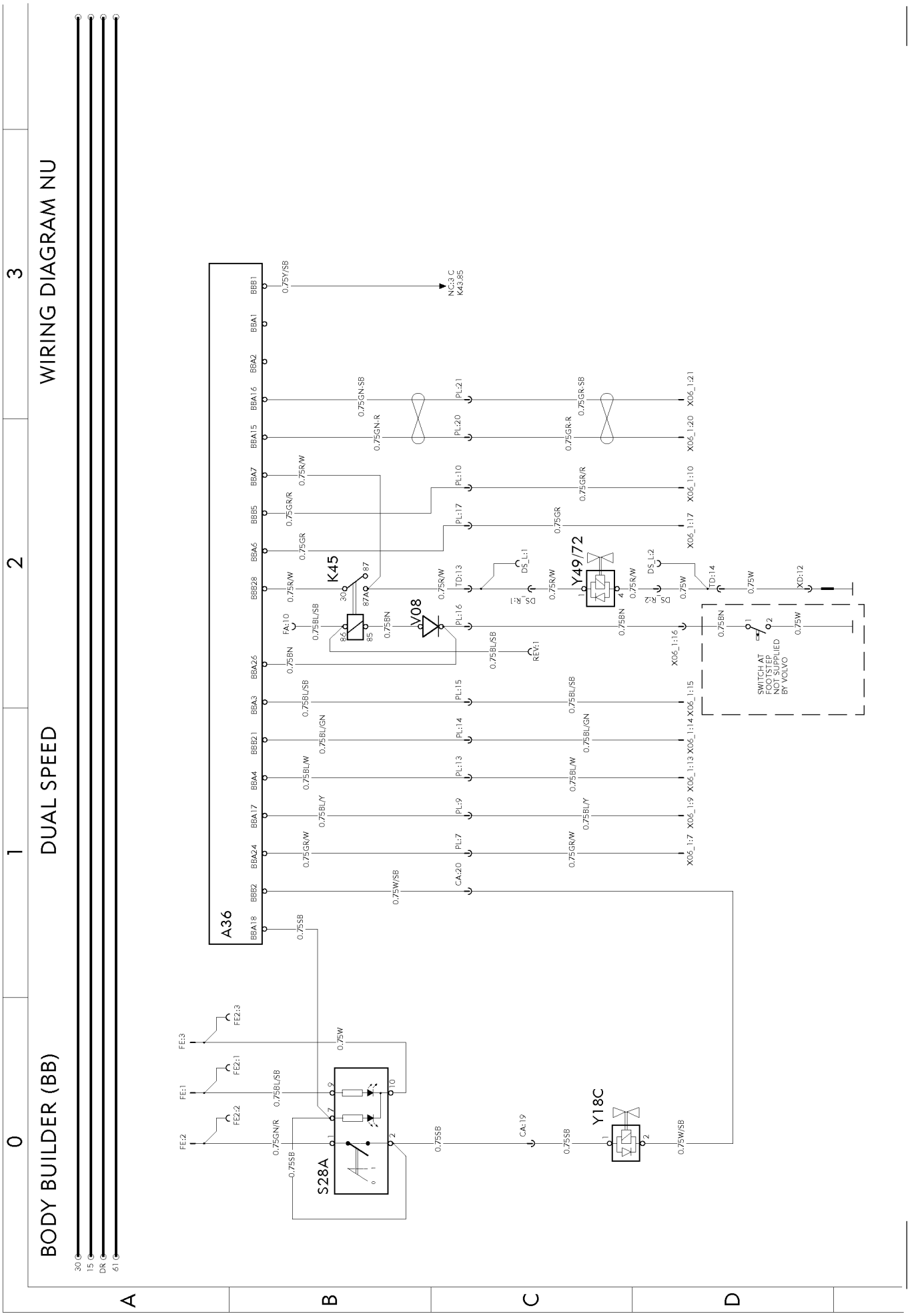

BODY BUILDER (BB)
AUXSW-6 AND SWAPBODY
WIRING DIAGRAM NA
30
15
DR
61
S76
S83
S19
S79B
S79A
S79D
K41B
K40B
K39B
K38
K37B
Y48
E33RR
E33RF
E33LR
E33LF
XBB1
XBB2
XBB3
XFA1
Bodybuilder variant for swapbody


WIRING DIAGRAM NC
ELCE-CK, BBM, PTO2
BODY BUILDER (BB)
0
1
2
3
A
B
C
D
30
15
DR
61
A36
Control unit, BBM
(Body Builder Module)
K43
S28A
Y18C
J1939 CAN1
J1708/J1587


EXTRA SPOTLAMPS
FRONT/ROOF, MAX 4X70W
WIRING DIAGRAM NI
0
1
2
3
A
B
C
D
30
15
DR
61
K42
S76A
E03_A
E03_B
LAMPS NOT SUPPLIED BY VOLVO
NOT SUPPLIED BY VOLVO
FA:5
0.75BL
0.75W
0.75R
2.5R
1.5BL
1.5GN
2.5W
XBB6
XAP1
XLA1
XLA2
XNI1
XNI2
SLF:1
SLF:2
SLR:1
SLR:3
CUA:9
CUA:10
GB:0 B
KV/KC:2
ME:3 C
A02X:1A
4:1_4
2:1C


WIRING DIAGRAM NK
BURGLAR ALARM
A31
J1587
S95
S96
S80
S88R
S88L
H06
B91
B90
MIC
V07
XNK:1
30
15
DR
61


BODY BUILDER (BB)
TIPPER TRACTOR "HYDRKIT"
WIRING DIAGRAM NR
0
1
2
3
A
B
C
D
30
15
DR
61
S03B
S11B
S20B
S19C
S42
B31
K41A
K40A
K39A
K38B
K38A
K37A
Y45A
Y45B
Y45C
Y45D
XFA1
XBB1
XBB2
XBB3
150 BAR
275 BAR


BODY BUILDER (BB)
DUAL SPEED
WIRING DIAGRAM NU
0
1
2
3
A
B
C
D
30
15
DR
61
A36
K45
V08
Y49/72
Y18C
S28A
SWITCH AT FOOTSTEP NOT SUPPLIED BY VOLVO

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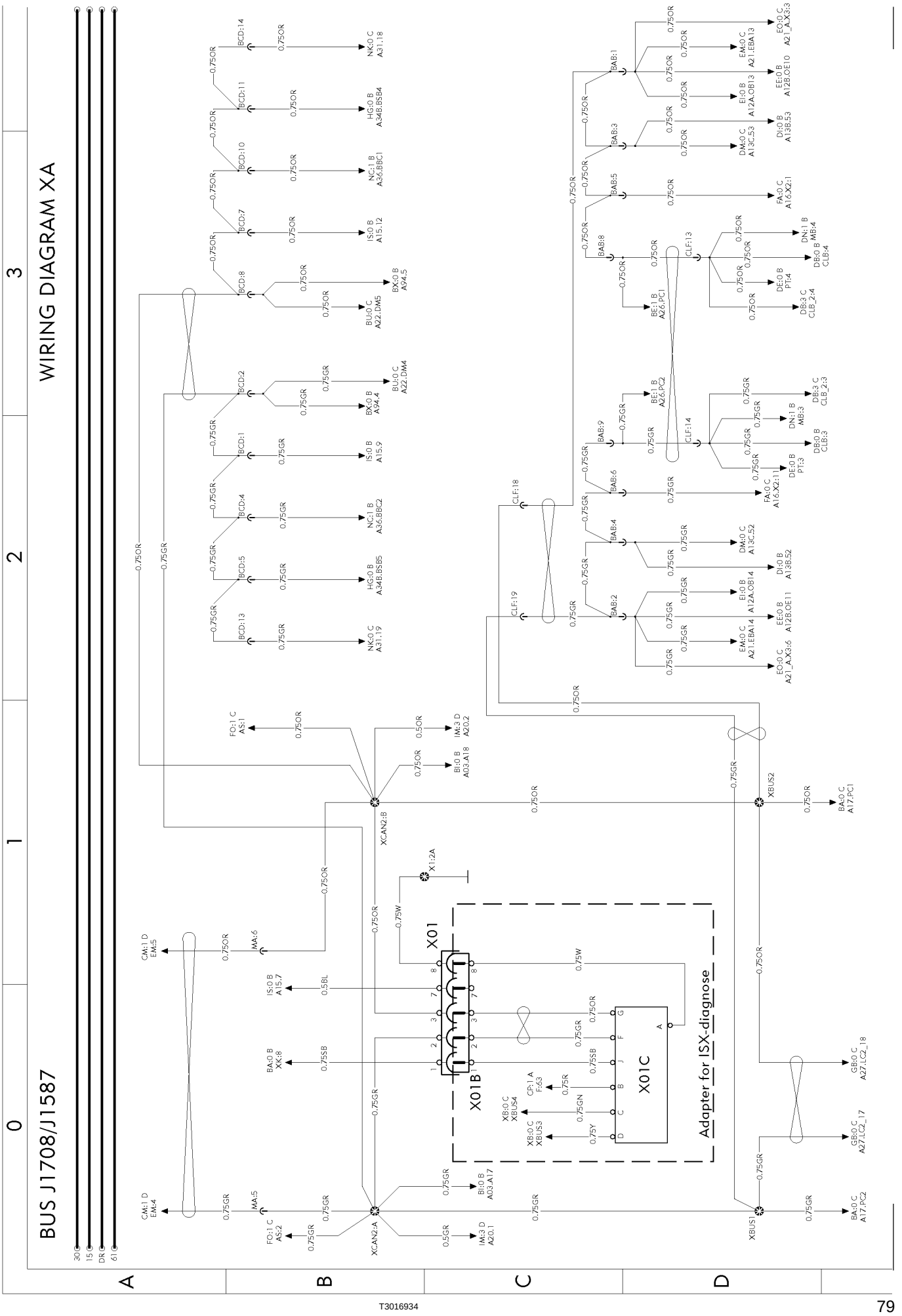
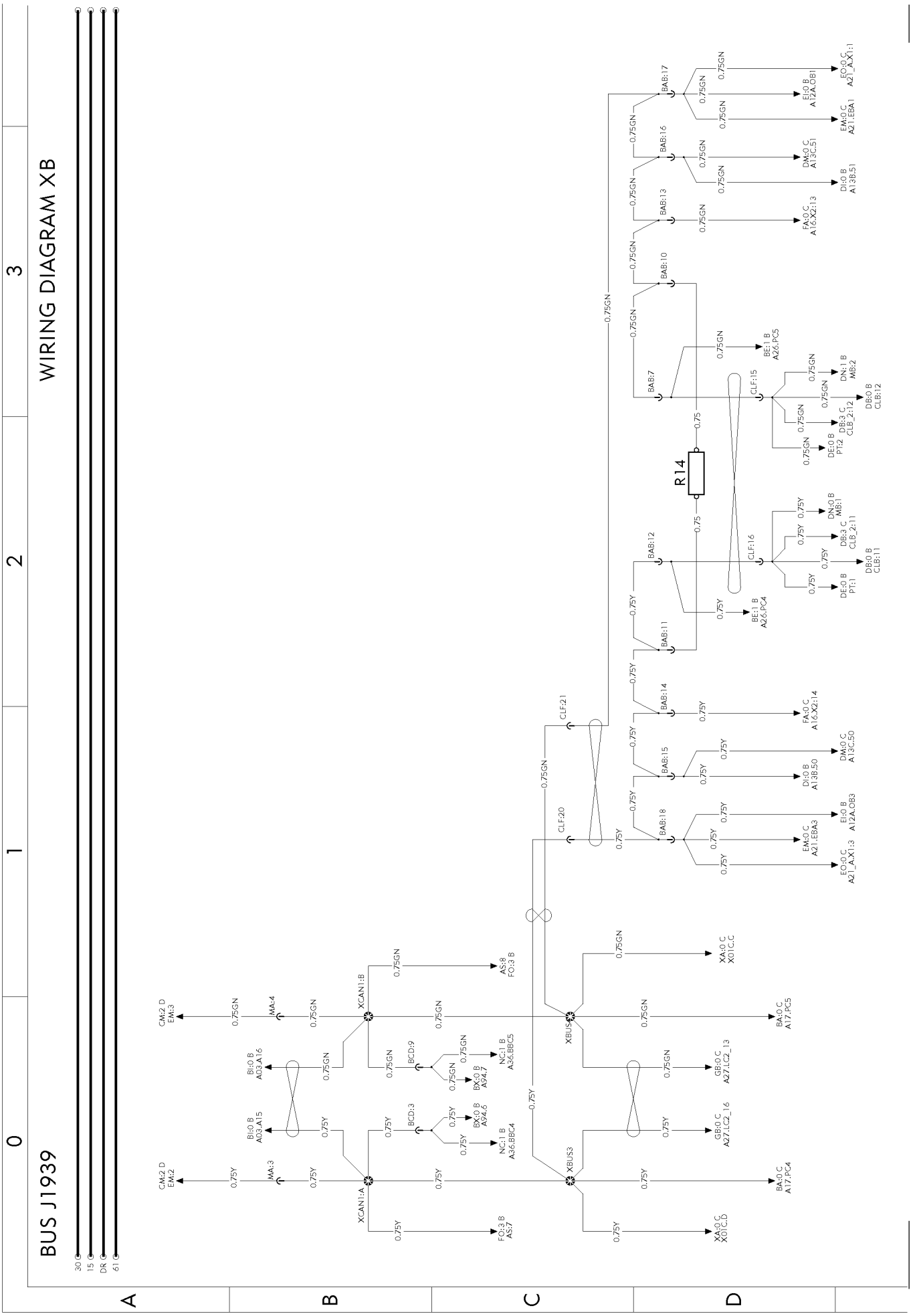

WIRING DIAGRAM XA
BUS J1708/J1587
Adapter for ISX-diagnose
X01
X01B
X01C
XCAN2:A
XCAN2:B
XBUS1
XBUS2
30
15
DR
61


WIRING DIAGRAM XB
BUS J1939
30
15
DR
61
0
1
2
3
A
B
C
D
XCAN1:A
XCAN1:B
XBUS:3
XBUS
CLF:20
CLF:21
CLF:16
CLF:15
R14
0.75
0.75Y
0.75GN
BAB:18
BAB:15
BAB:14
BAB:11
BAB:12
BAB:10
BAB:7
BAB:13
BAB:16
BAB:17
MA:3
MA:4
CM:2 D
EM:2
CM:2 D
EM:3
BCD:3
BCD:9
BX:0 B
A94.6
BX:0 B
A94.7
NC:1 B
A36.BBC4
NC:1 B
A36.BBC5
BI:0 B
A03.A15
BI:0 B
A03.A16
FO:3 B
AS:7
AS:8
FO:3 B
XA:0 C
X01C.D
XA:0 C
X01C.C
BA:0 C
A17.PC4
BA:0 C
A17.PC5
GB:0 C
A27.LC2_16
GB:0 C
A27.LC2_13
BE:1 B
A26.PC4
BE:1 B
A26.PC5
DE:0 B
PT:1
DE:0 B
PT:2
DB:3 C
CLB_2:11
DB:3 C
CLB_2:12
DN:0 B
MB:1
DN:1 B
MB:2
DB:0 B
CLB:11
DB:0 B
CLB:12
FA:0 C
A16.X2:14
FA:0 C
A16.X2:13
DI:0 B
A13B:50
DI:0 B
A13B:51
DM:0 C
A13C.50
DM:0 C
A13C.51
EI:0 B
A12A.OB3
EI:0 B
A12A.OB1
EM:0 C
A21.EBA3
EM:0 C
A21.EBA1
EO:0 C
A21_A.X1:3
EO:0 C
A21_A.X1:1

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Illustrations index

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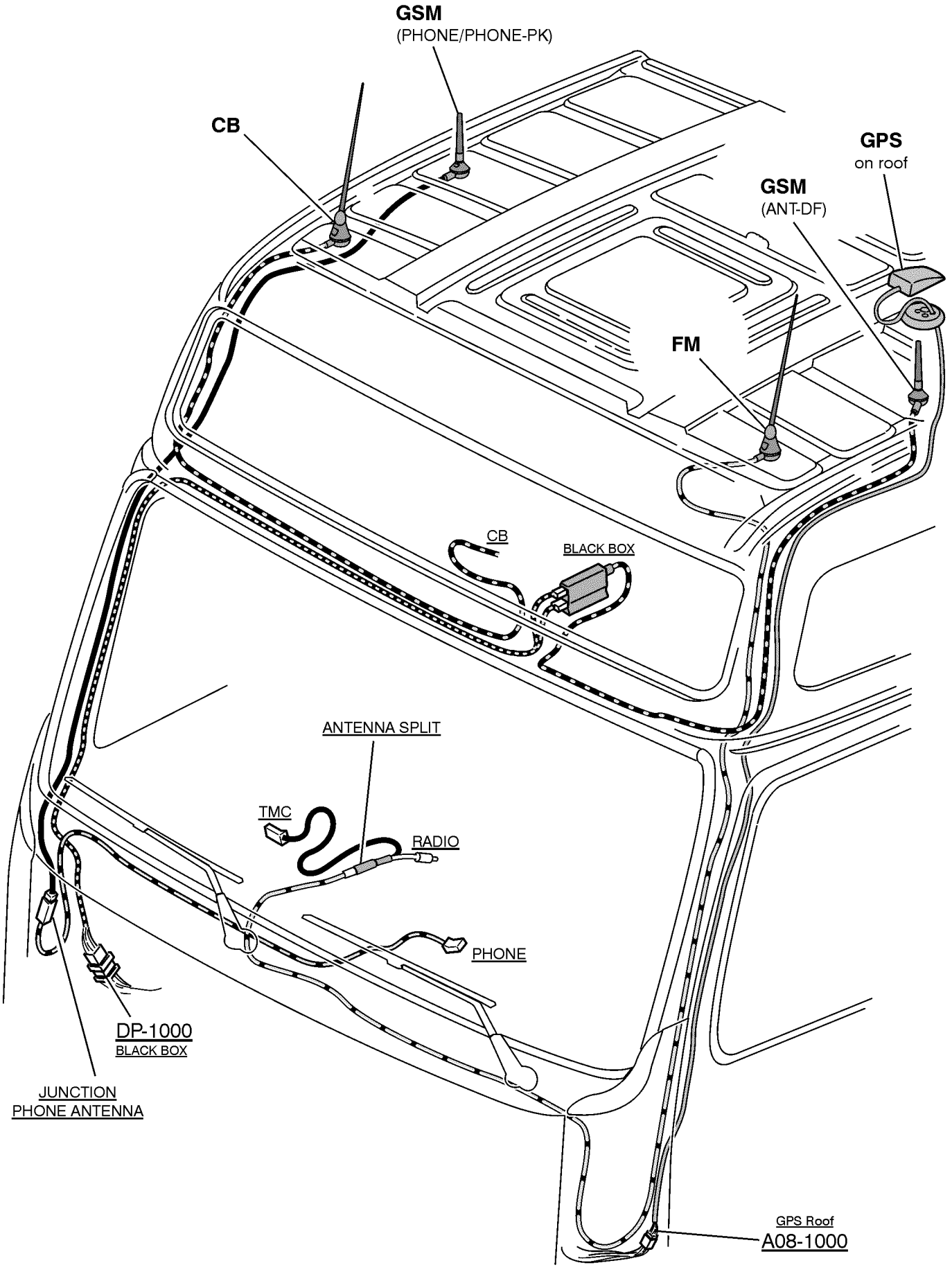
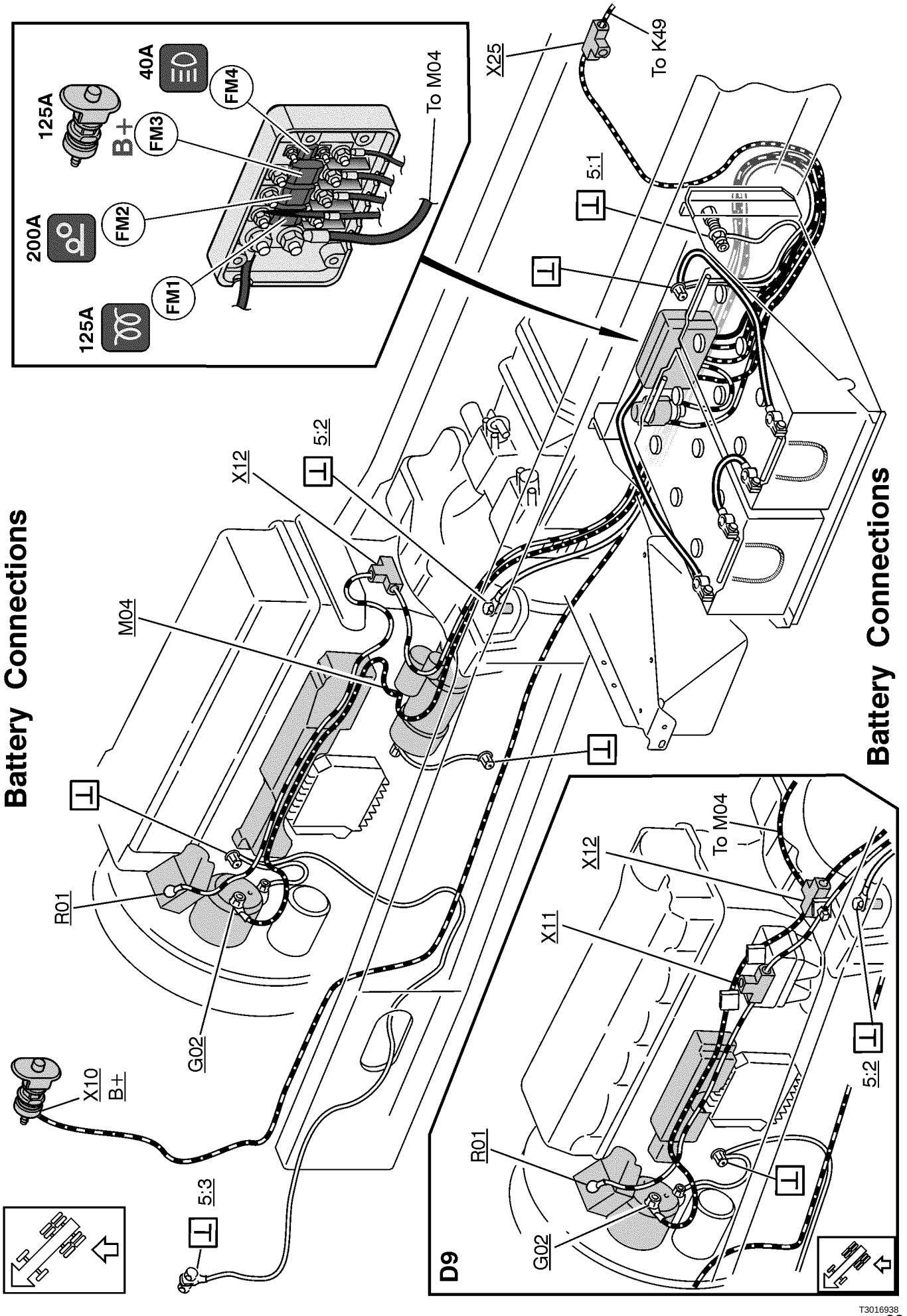
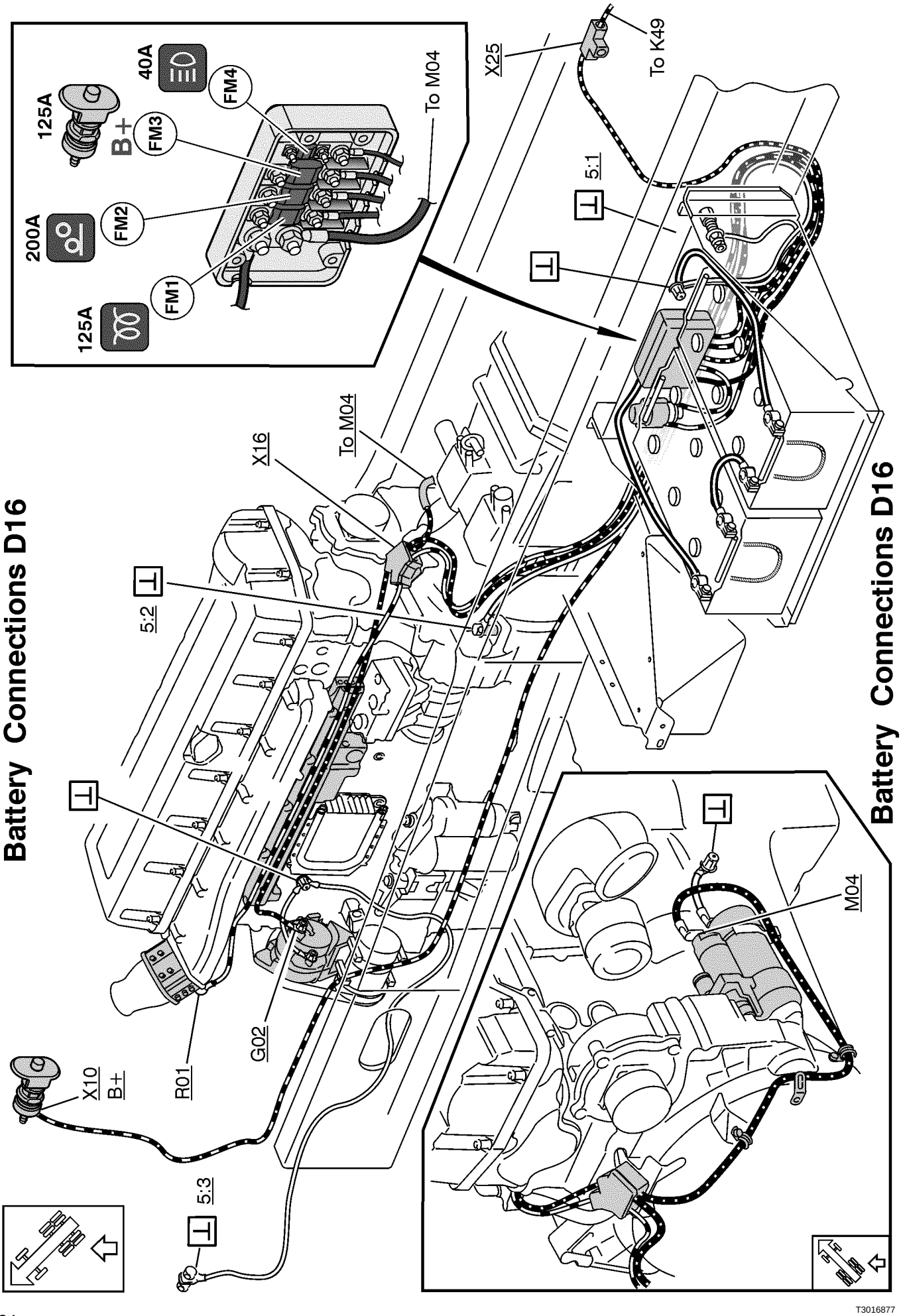
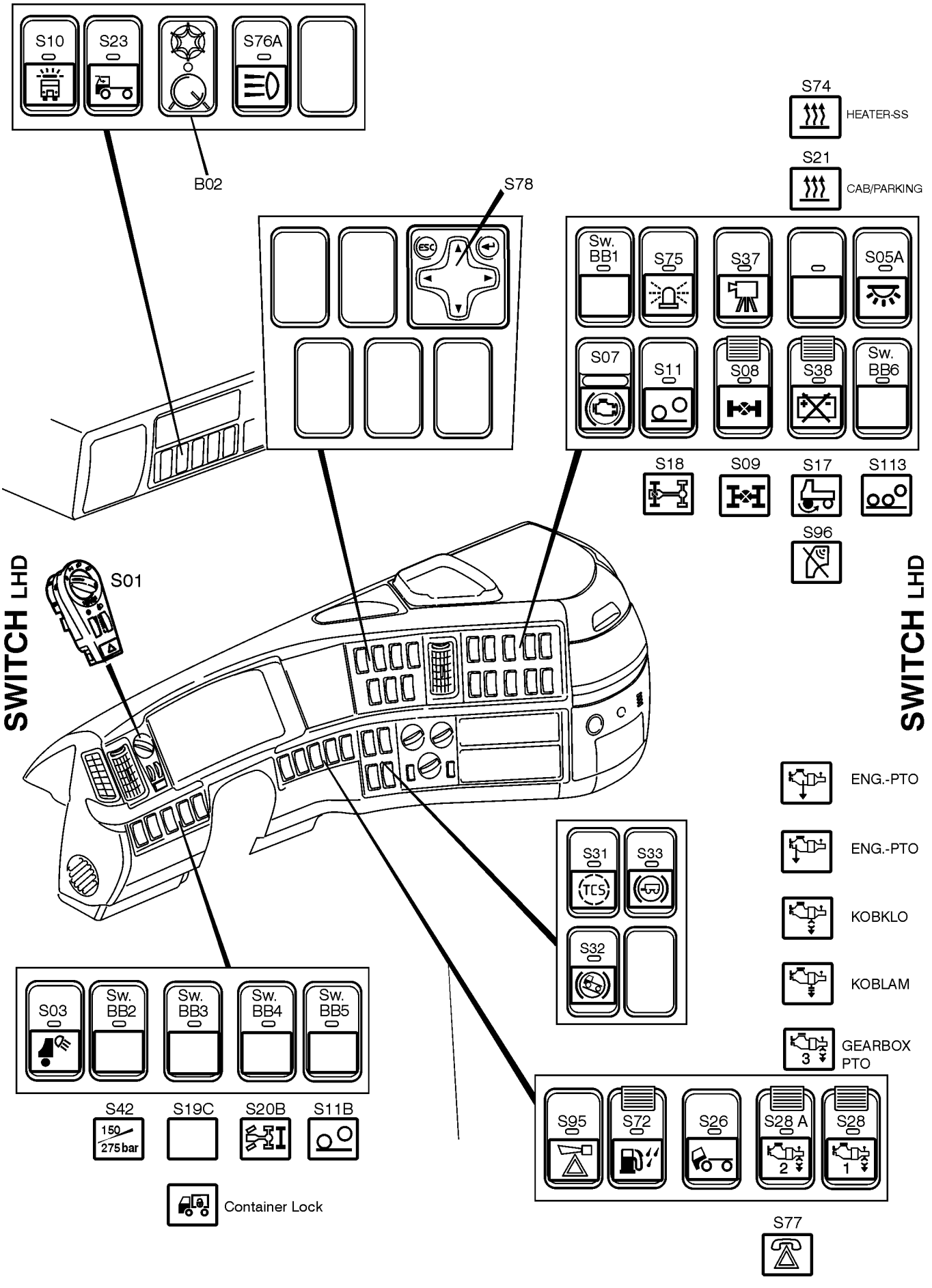
Illustrations

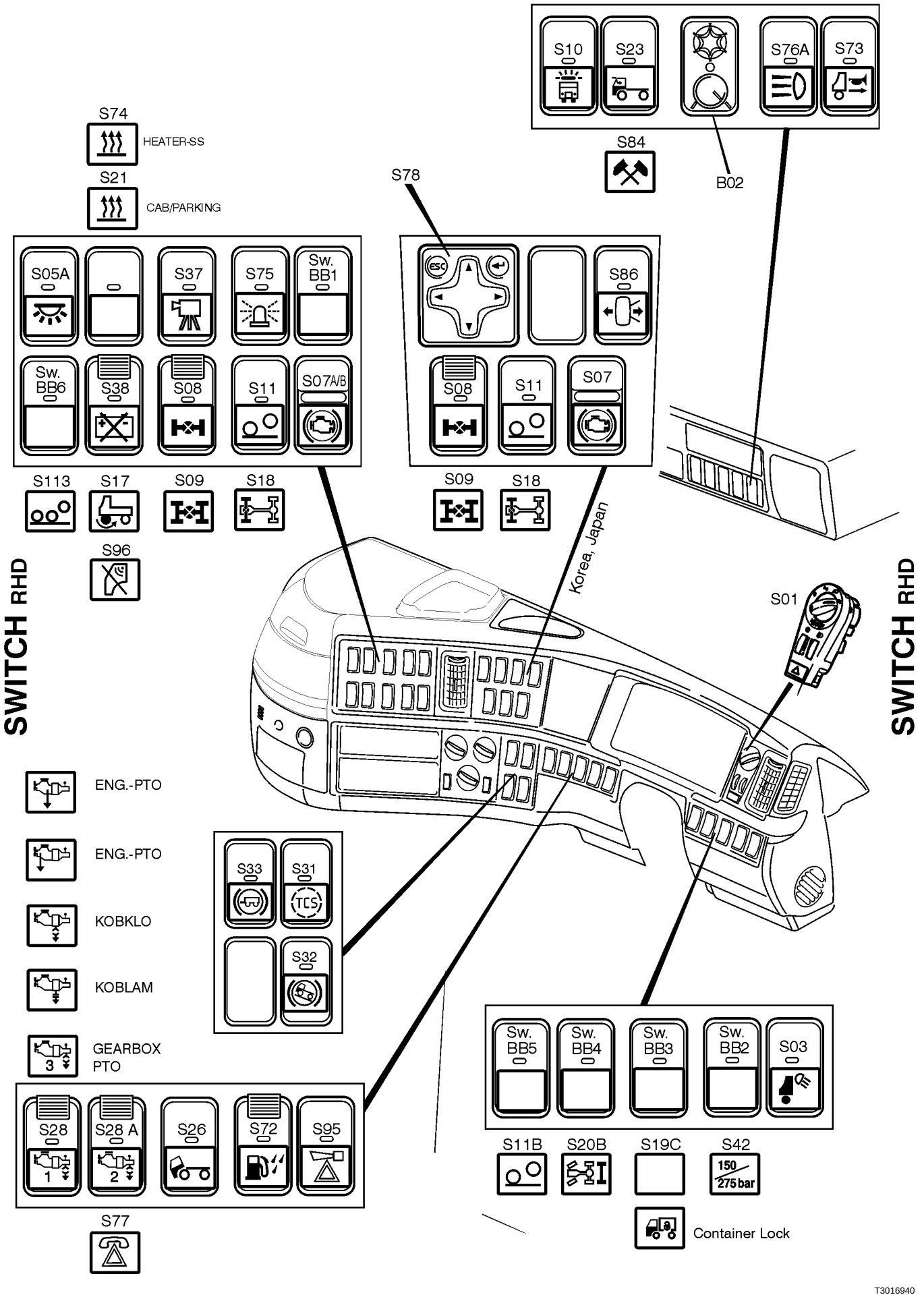


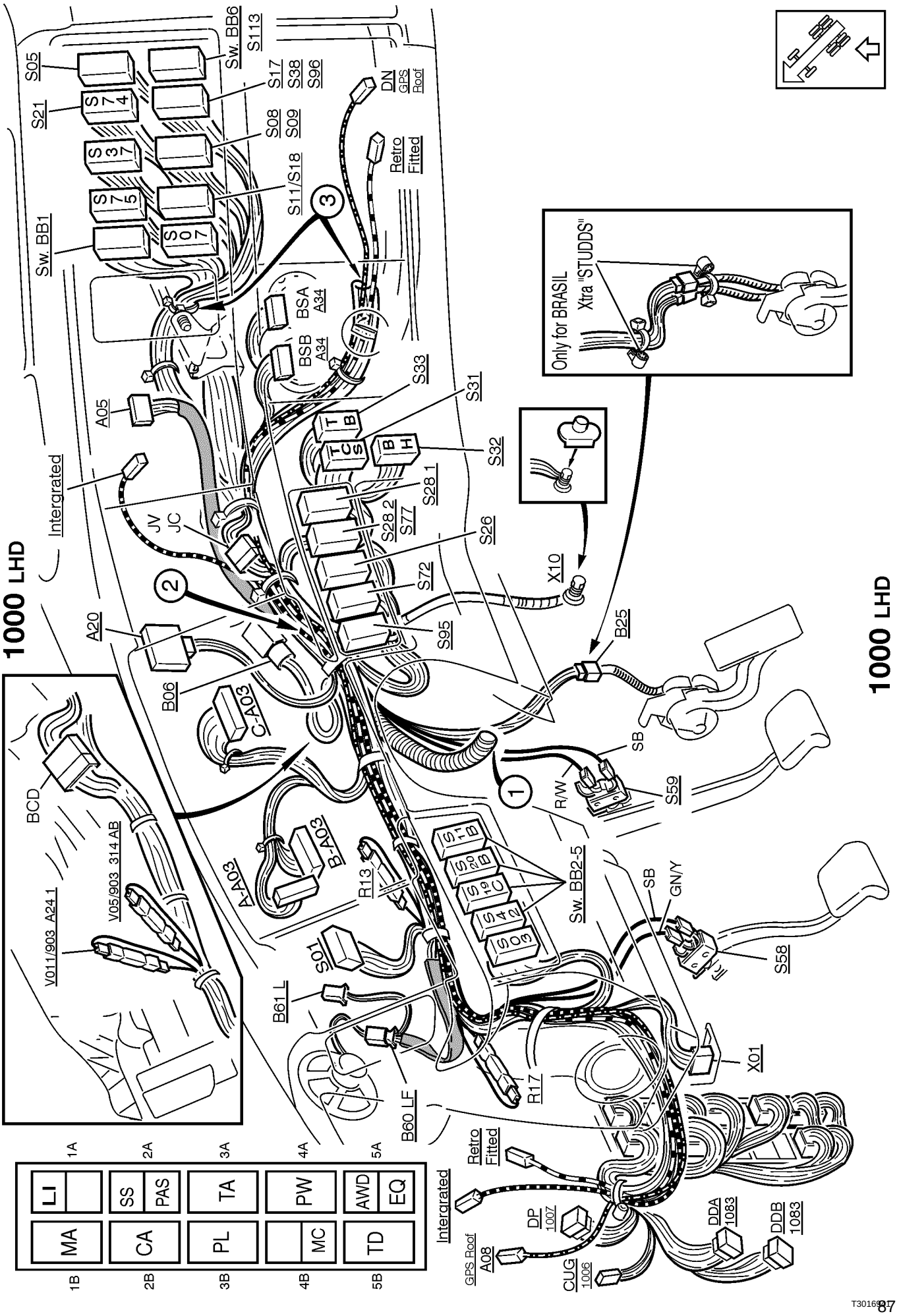

Battery Connections
125A
B+
FM3
40A
FM4
200A
FM2
125A
FM1
To M04
X25
To K49
5:1
X12
5:2
M04
R01
G02
X10
B+
5:3
D9
X11
To M04
X12
5:2
R01
G02
Battery Connections

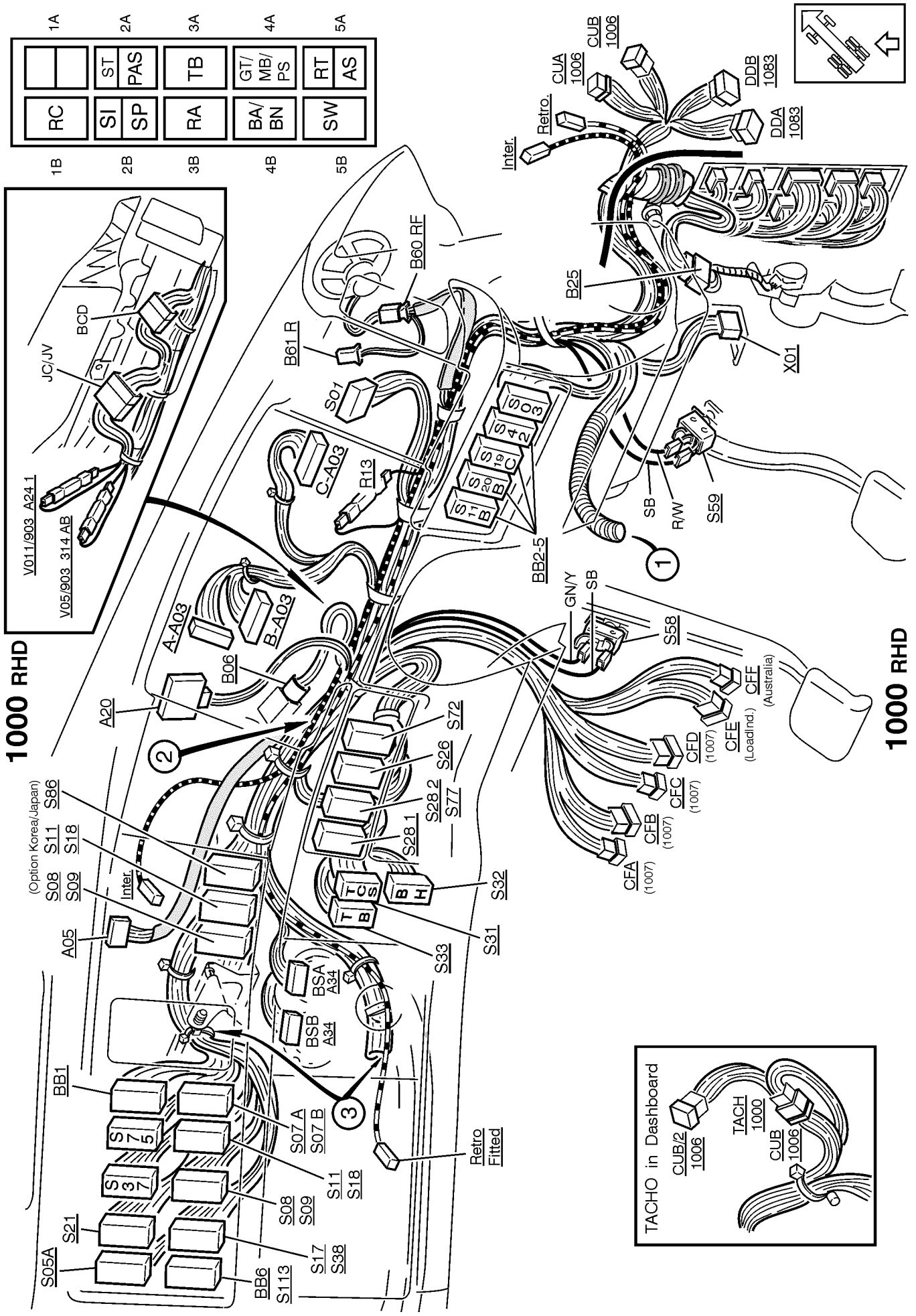
T3016938

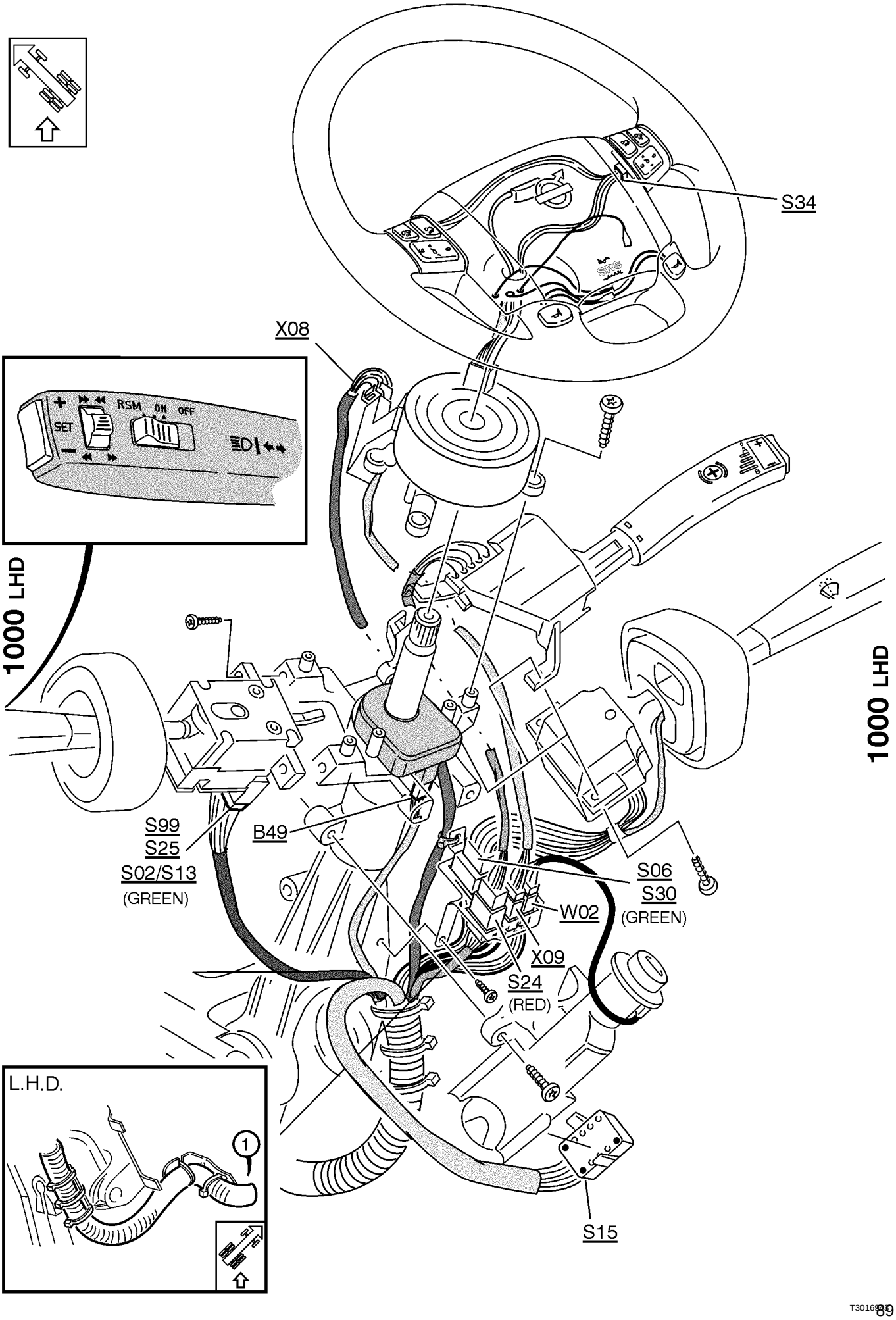

Battery Connections D16
125A
B+
FM3
40A
FM4
200A
FM2
125A
FM1
To M04
X25
To K49
5:1
X16
To M04
5:2
X10
B+
R01
G02
5:3
M04
Battery Connections D16
T3016877

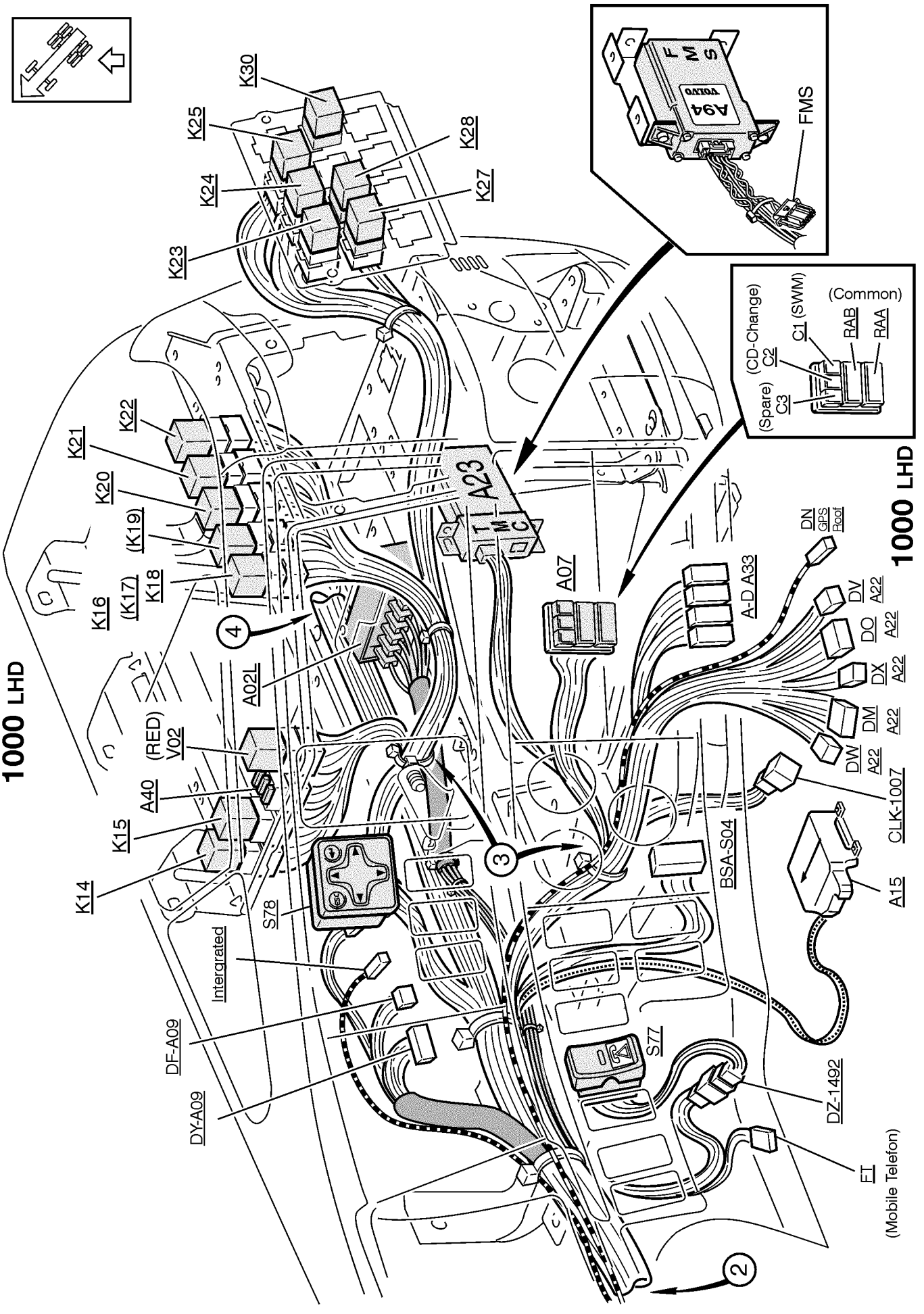

S10
S23
S76A
B02
S78
S74
HEATER-SS
S21
CAB/PARKING
Sw. BB1
S75
S37
S05A
S07
S11
S08
S38
Sw. BB6
S18
S09
S17
S113
S96
SWITCH LHD
S01
SWITCH LHD
ENG.-PTO
ENG.-PTO
KOBKLO
KOBLAM
GEARBOX PTO
S31
S33
TCS
S32
S03
Sw. BB2
Sw. BB3
Sw. BB4
Sw. BB5
S42
150
275 bar
S19C
S20B
S11B
Container Lock
S95
S72
S26
S28 A
S28
2
1
S77


S10
S23
S76A
S73
S84
B02
S74
HEATER-SS
S21
CAB/PARKING
S78
S05A
S37
S75
Sw. BB1
S86
Sw. BB6
S38
S08
S11
S07A/B
S08
S11
S07
S113
S17
S09
S18
S09
S18
S96
Korea, Japan
SWITCH RHD
SWITCH RHD
S01
ENG.-PTO
ENG.-PTO
KOBKLO
KOBLAM
GEARBOX PTO
S33
S31
S32
Sw. BB5
Sw. BB4
Sw. BB3
Sw. BB2
S03
S28
S28 A
S26
S72
S95
S11B
S20B
S19C
S42
150 275 bar
S77
Container Lock
T3016940

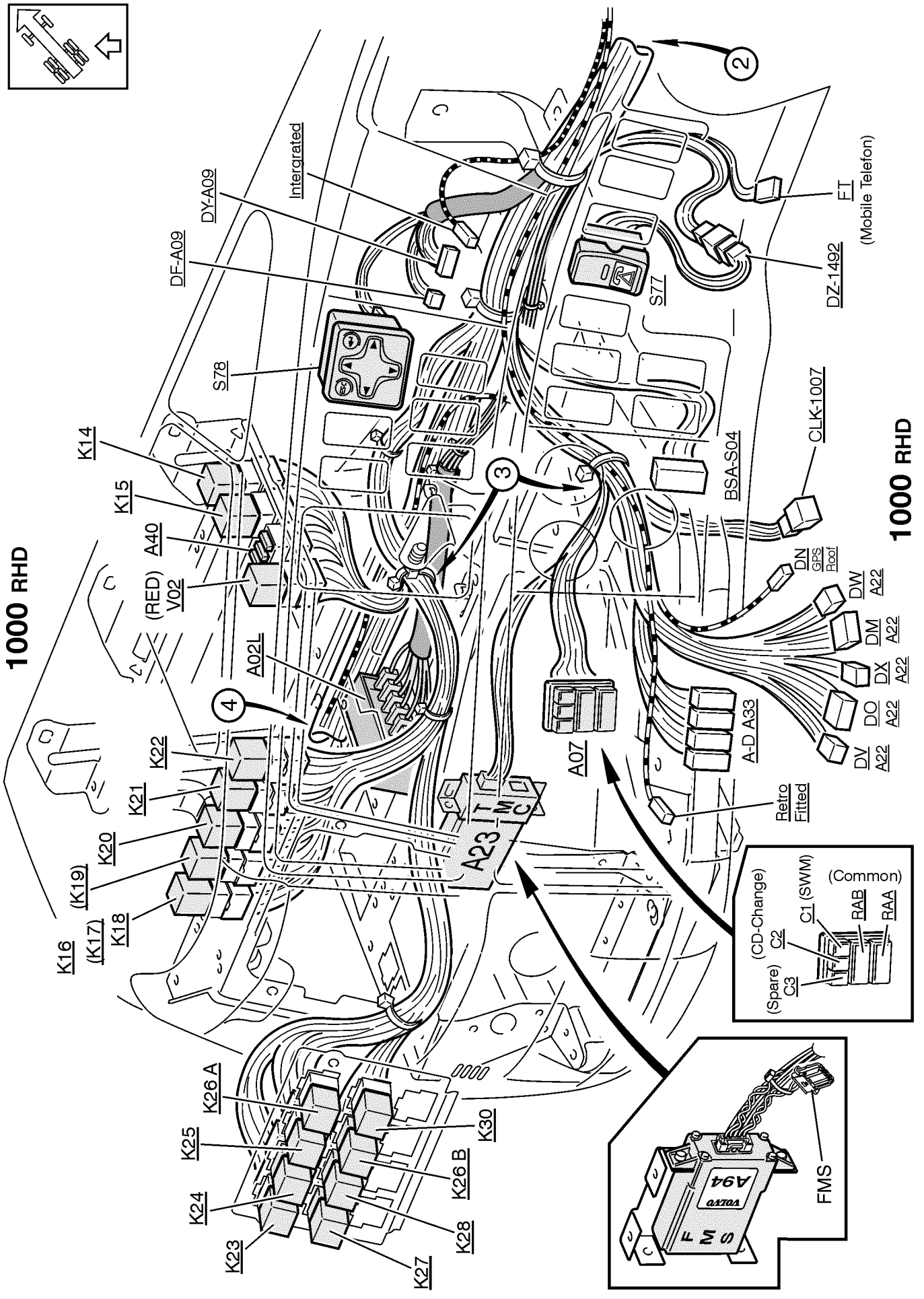

1000 LHD
1000 LHD
Only for BRASIL
Xtra "STUDDS"
Sw. BB1
Sw. BB6
Sw. BB2-5
Intergrated
Retro Fitted
GPS Roof
A05
A20
B06
B25
B61 L
B60 LF
S01
S05
S11/S18
S17
S21
S26
S31
S32
S33
S58
S59
S72
S77
S95
X01
X10
R13
R17
BSA A34
BSB A34
DP 1007
CUG 1006
DDA 1083
DDB 1083
A08
BCD
V011/903 A24 1
V05/903 314 AB
A-A03
B-A03
C-A03
MA
CA
PL
TA
PW
TD
LI
SS
PAS
MC
AWD
EQ

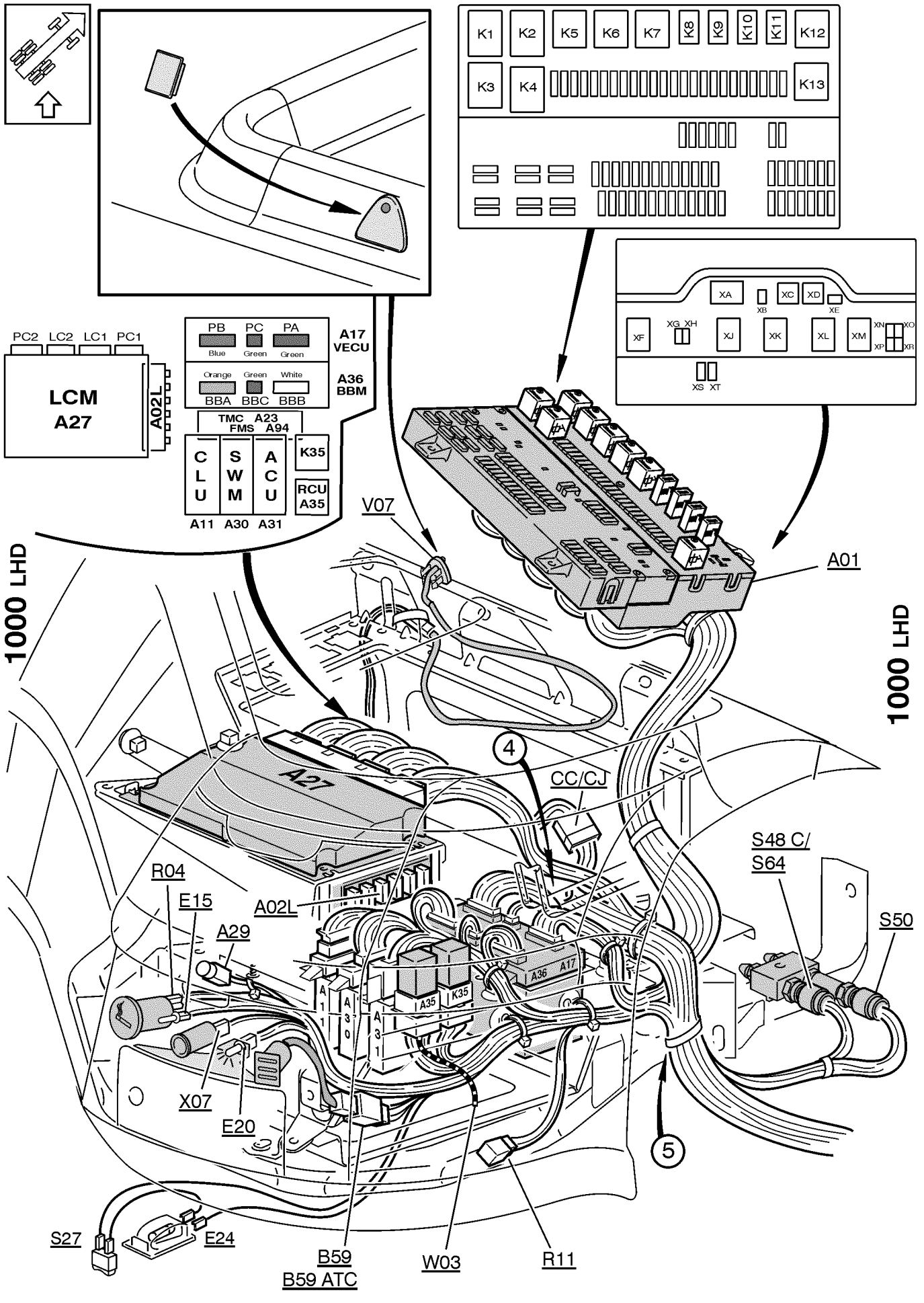

1A
2A
3A
4A
5A
RC
SI
SP
ST
PAS
RA
TB
BA/
BN
GT/
MB/
PS
SW
RT
AS
1B
2B
3B
4B
5B
1000 RHD
V011/903 A24.1
V05/903 314 AB
JC/JV
BCD
B60 RF
B61 R
C-A03
R13
BB2-5
B25
X01
Inter.
Retro.
CUA 1006
CUB 1006
DDB 1083
DDA 1083
SB
R/W
S59
GN/Y
SB
S58
A-A03
B-A03
B06
A20
S72
S26
S28 2
S77
S28 1
S32
S31
S33
A05
S86
S11
S18
S08
S09
(Option Korea/Japan)
BSA A34
BSB A34
BB1
S07 A
S07 B
S11
S18
S08
S09
S21
S17
S38
S05A
BB6
S113
Retro Fitted
CFA (1007)
CFB (1007)
CFC (1007)
CFD (1007)
CFE (LoadInd.)
CFE (Australia)
TACHO in Dashboard
CUB/2 1006
TACH 1000
CUB 1006
T3016942


S34
X08
RSM
ON
OFF
SET
1000 LHD
1000 LHD
S99
S25
S02/S13
(GREEN)
B49
S06
S30
(GREEN)
W02
X09
S24
(RED)
S15
L.H.D.
1

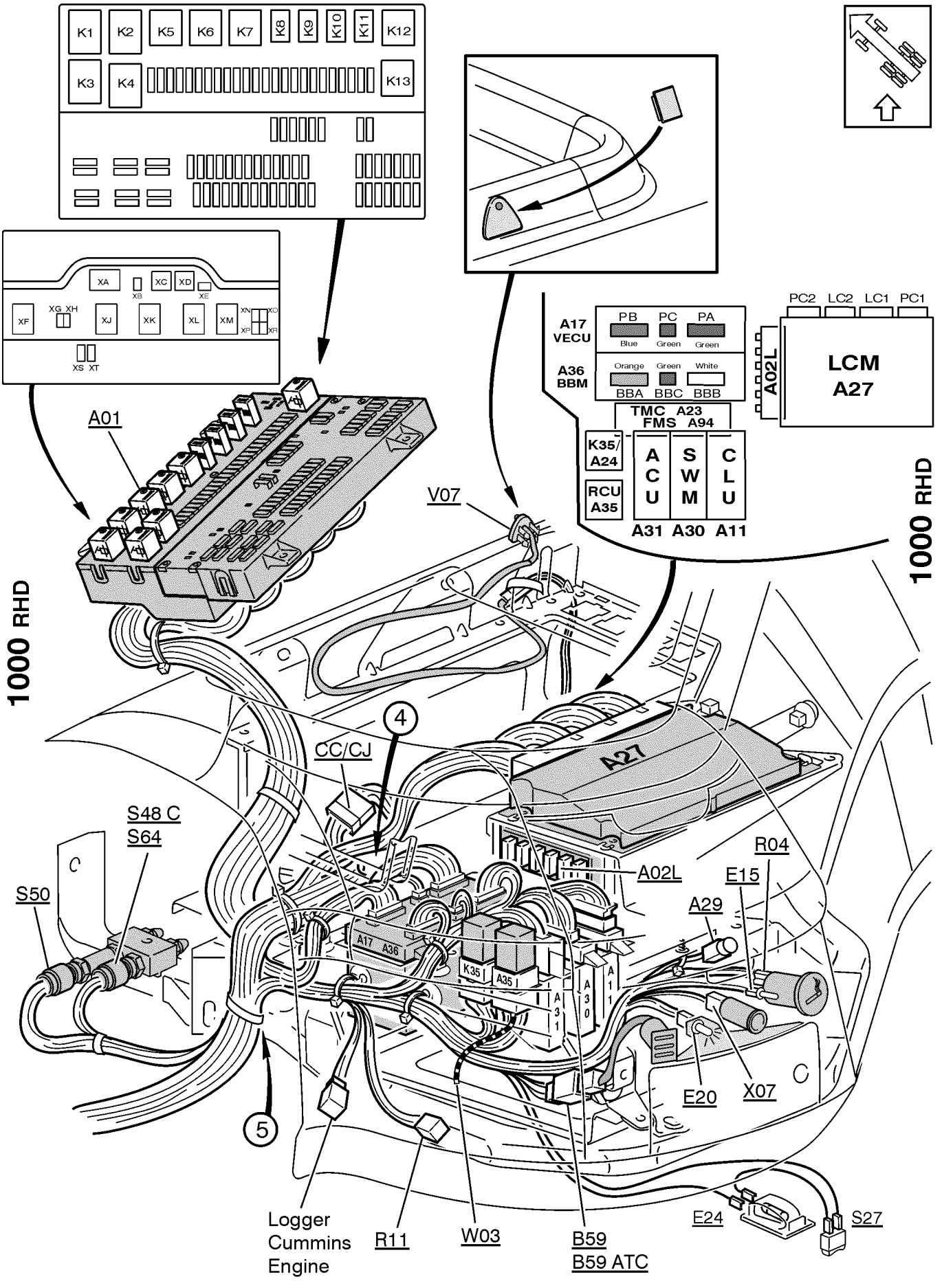

1000 LHD
1000 LHD
K30
K25
K24
K23
K28
K27
K22
K21
K20
(K19)
K18
K16
(K17)
K15
K14
A40
(RED) V02
A02L
S78
Intergrated
DF-A09
DY-A09
A23
A07
A-D A33
DN GPS Roof
DV A22
DO A22
DX A22
DM A22
DW A22
CLK-1007
BSA-S04
S77
A15
DZ-1492
FI (Mobile Telefon)
FMS
A94
VOLVO
(CD-Change) C2
(Spare) C3
C1 (SWM)
(Common)
RAB
RAA
2
3
4

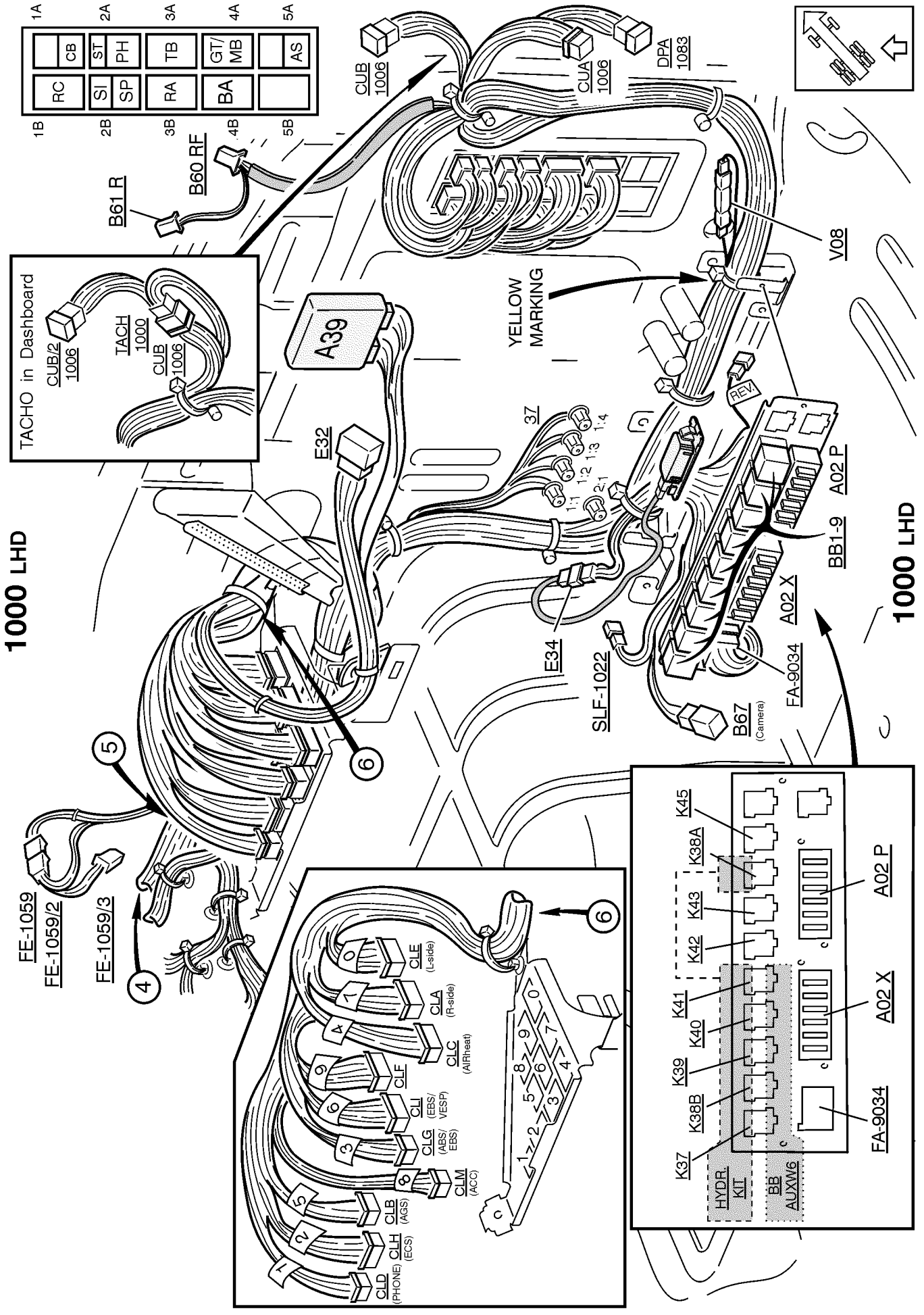
T3016944


1000 RHD
1000 RHD
Intergrated
DY-A09
DF-A09
S78
S77
DZ-1492
FT
(Mobile Telefon)
CLK-1007
BSA-S04
K14
K15
A40
(RED)
V02
A02L
K22
K21
K20
(K19)
K18
K16
(K17)
A23
A07
A-D A33
Retro
Fitted
DN
GPS
Roof
DW
A22
DM
A22
DX
A22
DO
A22
DV
A22
(CD-Change)
C2
(Spare)
C3
C1 (SWM)
(Common)
RAB
RAA
K26 A
K25
K24
K23
K27
K28
K26 B
K30
A94
VOLVO
FMS
2
3
4

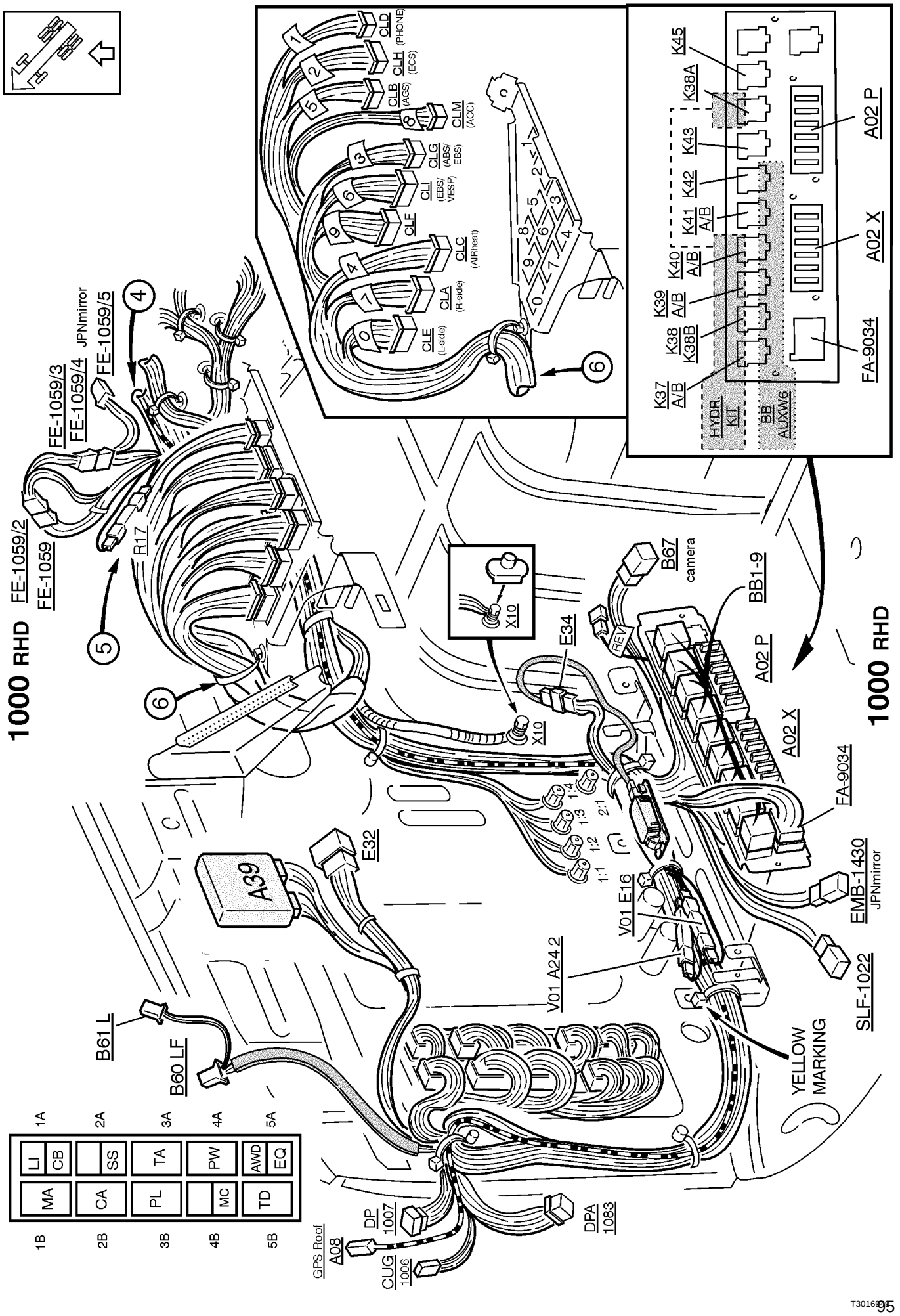

K1
K2
K5
K6
K7
K8
K9
K10
K11
K12
K3
K4
K13
XA
XB
XC
XD
XE
XF
XG XH
XJ
XK
XL
XM
XN
XO
XP
XR
XS XT
PC2 LC2 LC1 PC1
LCM
A27
A02L
PB
PC
PA
Blue
Green
Green
A17
VECU
Orange
Green
White
BBA BBC BBB
A36
BBM
TMC A23
FMS A94
C L U
S W M
A C U
K35
RCU
A35
A11 A30 A31
V07
A01
1000 LHD
1000 LHD
A27
4
CC/CJ
S48 C/
S64
S50
R04
E15
A02L
A29
X07
E20
5
S27
E24
B59
B59 ATC
W03
R11

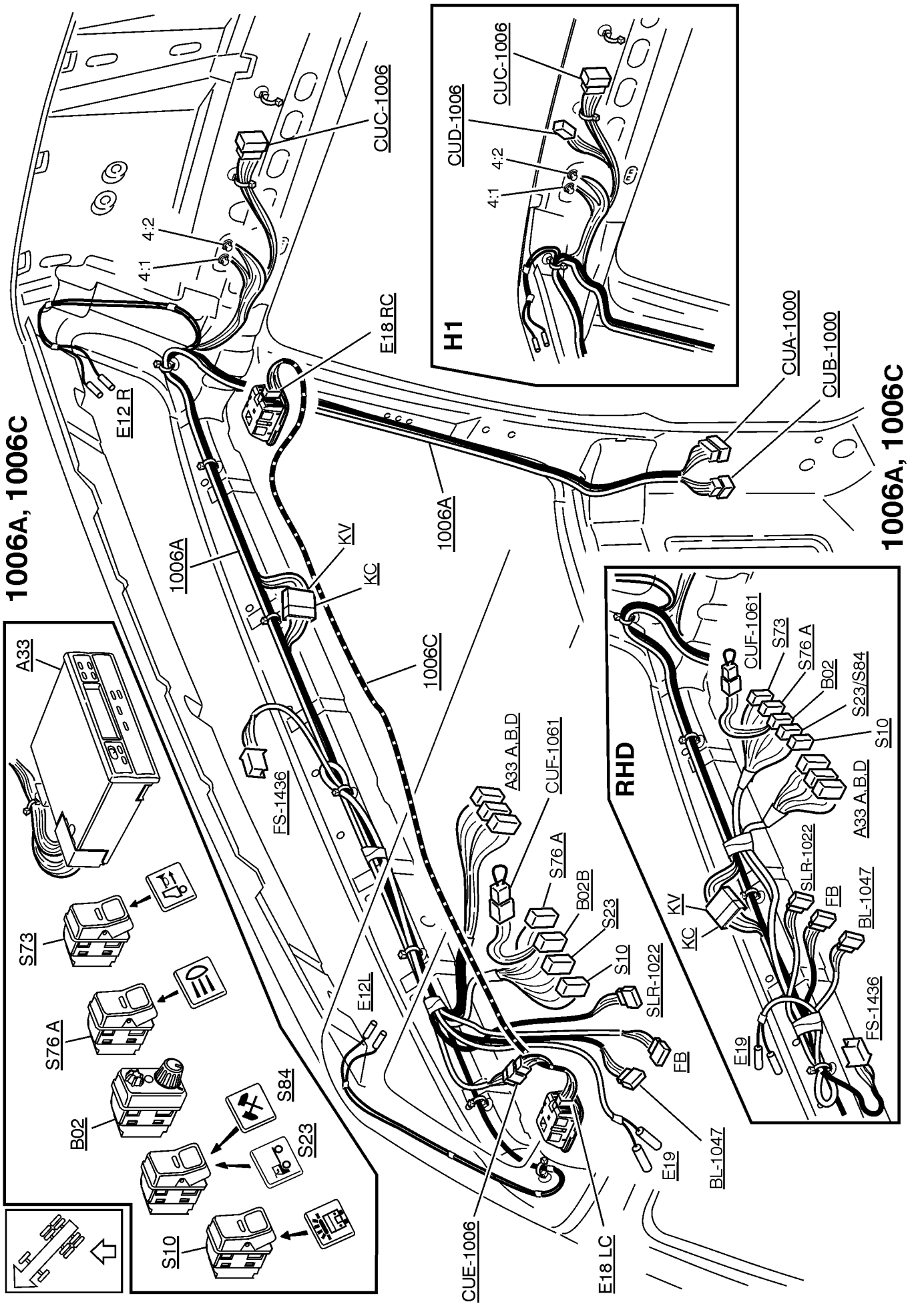
T3016946


K1
K2
K5
K6
K7
K8
K9
K10
K11
K12
K3
K4
K13
XA
XB
XC
XD
XE
XF
XG XH
XJ
XK
XL
XM
XN
XP
XO
XR
XS XT
A01
A17
VECU
PB
PC
PA
Blue
Green
Green
A36
BBM
Orange
Green
White
BBA BBC BBB
PC2 LC2 LC1 PC1
A02L
LCM
A27
TMC A23
FMS A94
K35/
A24
RCU
A35
ACU
SWM
CLU
A31 A30 A11
1000 RHD
1000 RHD
V07
4
CC/CJ
A27
S48 C
S64
S50
A02L
R04
E15
A29
A17 A36
K35 A35
A31 A30 A11
E20
X07
5
Logger
Cummins
Engine
R11
W03
B59
B59 ATC
E24
S27

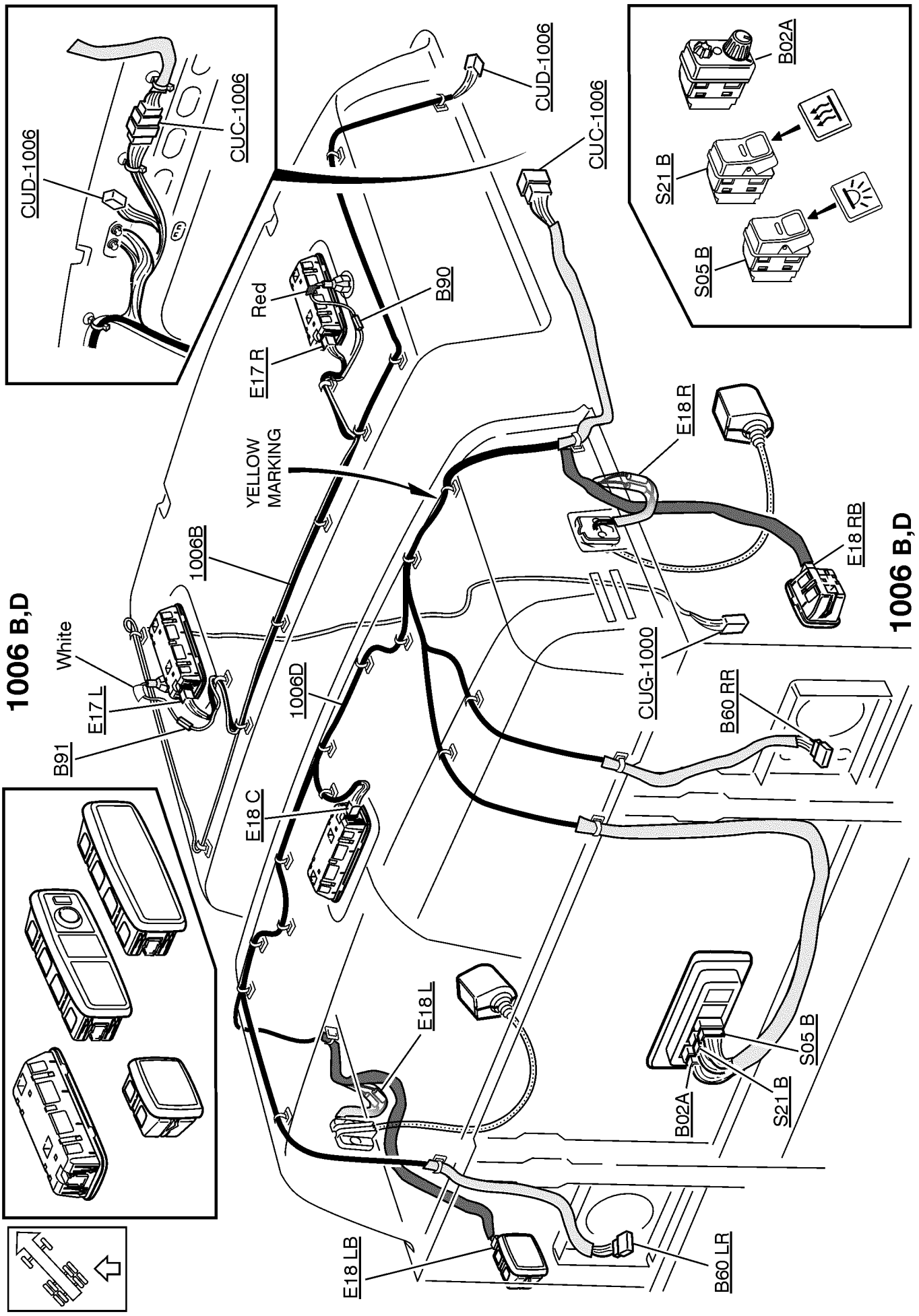

1000 LHD
1000 LHD
TACHO in Dashboard
CUB/2 1006
TACH 1000
CUB 1006
B61 R
B60 RF
CUB 1006
CUA 1006
DPA 1083
V08
YELLOW MARKING
A39
E32
37
E34
SLF-1022
B67 (Camera)
FA-9034
A02 X
A02 P
BB1-9
REV.
FE-1059
FE-1059/2
FE-1059/3
CLE (L-side)
CLA (R-side)
CLC (AIRheat)
CLF
CLI (EBS/ VESP)
CLG (ABS/ EBS)
CLM (ACC)
CLB (AGS)
CLH (ECS)
CLD (PHONE)
K45
K38A
K43
K42
K41
K40
K39
K38B
K37
HYDR KIT
BB AUXW6
RC
CB
SI
SP
ST
PH
RA
TB
BA
GT/ MB
AS

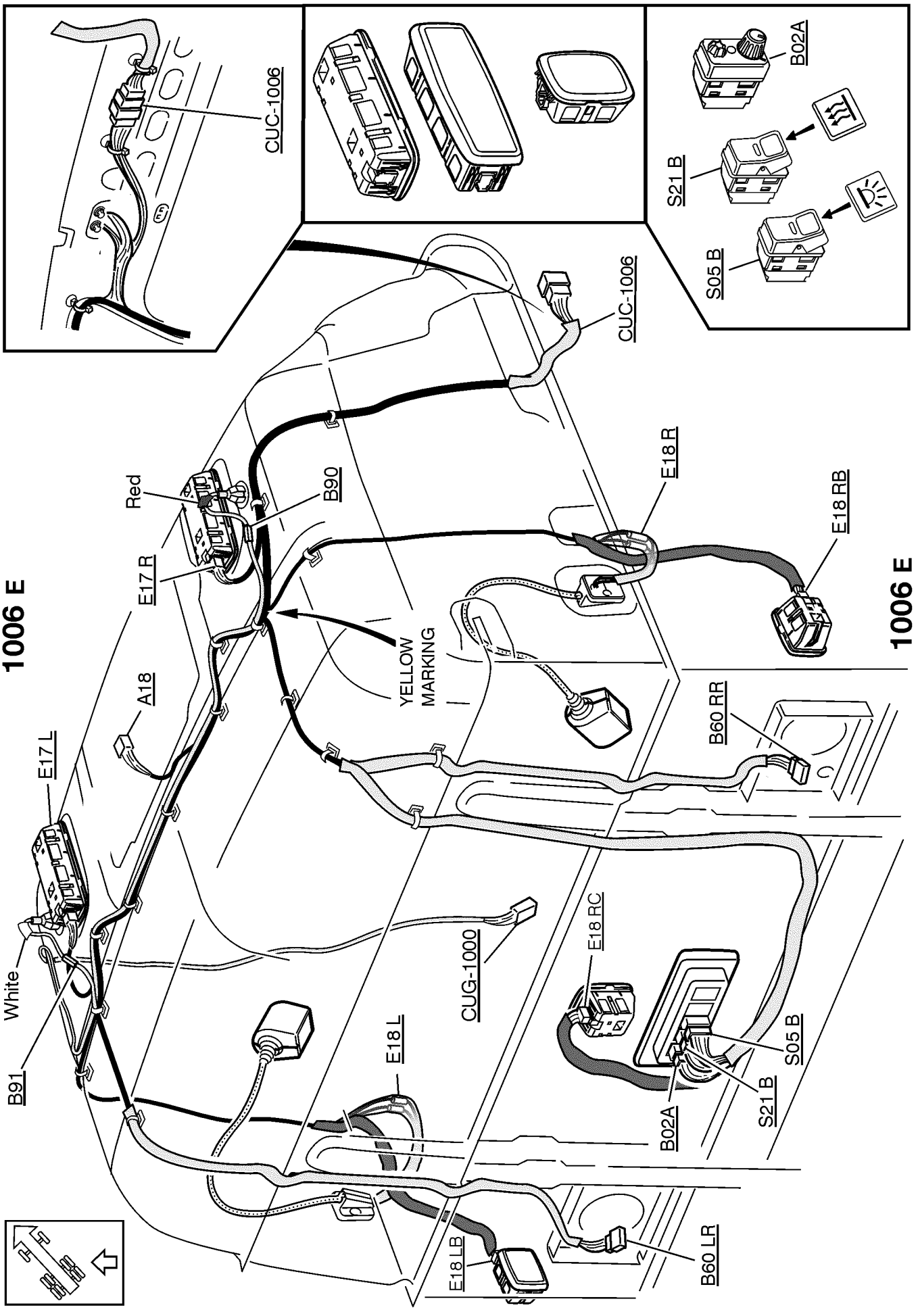
T3016948


1000 RHD
1000 RHD
FE-1059/2
FE-1059
FE-1059/3
FE-1059/4
JPNmirror
FE-1059/5
R17
CLD (PHONE)
CLH (ECS)
CLB (AGS)
CLM (ACC)
CLG (ABS/ EBS)
CLI (EBS/ VESP)
CLF
CLC (AIRheat)
CLA (R-side)
CLE (L-side)
K45
K38A
K43
K42
K41 A/B
K40 A/B
K39 A/B
K38 K38B
K37 A/B
HYDR KIT
BB AUXW6
A02 P
A02 X
FA-9034
X10
E34
B67 camera
BB1-9
REV
A39
E32
V01 E16
V01 A24 2
EMB-1430 JPNmirror
SLF-1022
YELLOW MARKING
B61 L
B60 LF
GPS Roof A08
DP 1007
CUG 1006
DPA 1083
LI
CB
SS
MA
CA
TA
PL
PW
MC
AWD
EQ
TD
1A
2A
3A
4A
5A
1B
2B
3B
4B
5B

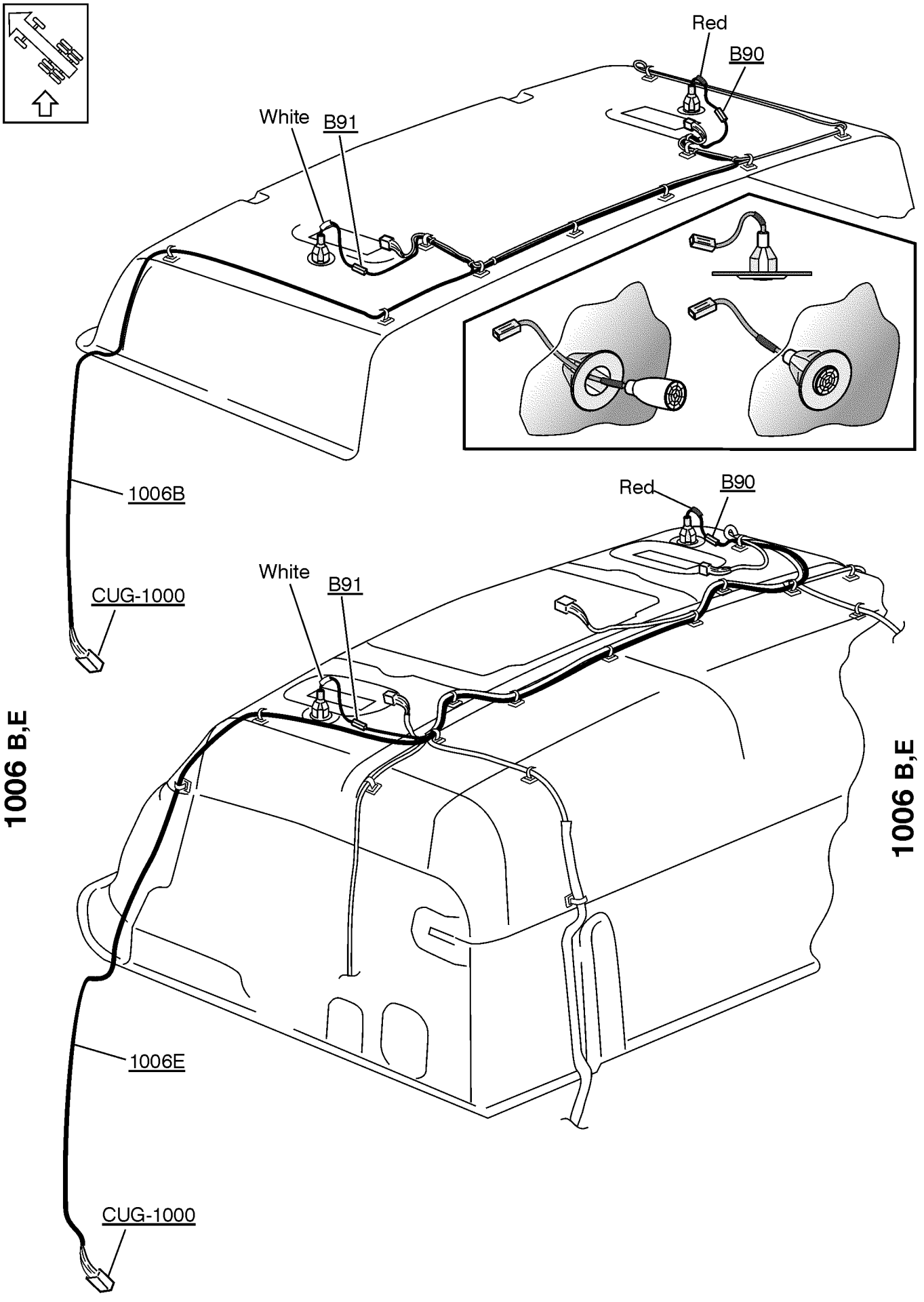

1006A, 1006C
1006A, 1006C
H1
RHD
CUC-1006
CUD-1006
4:1
4:2
E12 R
E18 RC
1006A
KV
KC
1006C
CUA-1000
CUB-1000
FS-1436
A33
A33 A,B,D
CUF-1061
S76 A
B02B
S23
S10
SLR-1022
FB
E12L
E19
BL-1047
CUE-1006
E18 LC
S73
S76 A
B02
S84
S23
S10
S73
S76 A
B02
S23/S84
S10
A33 A,B,D
SLR-1022
FB
BL-1047
FS-1436
E19

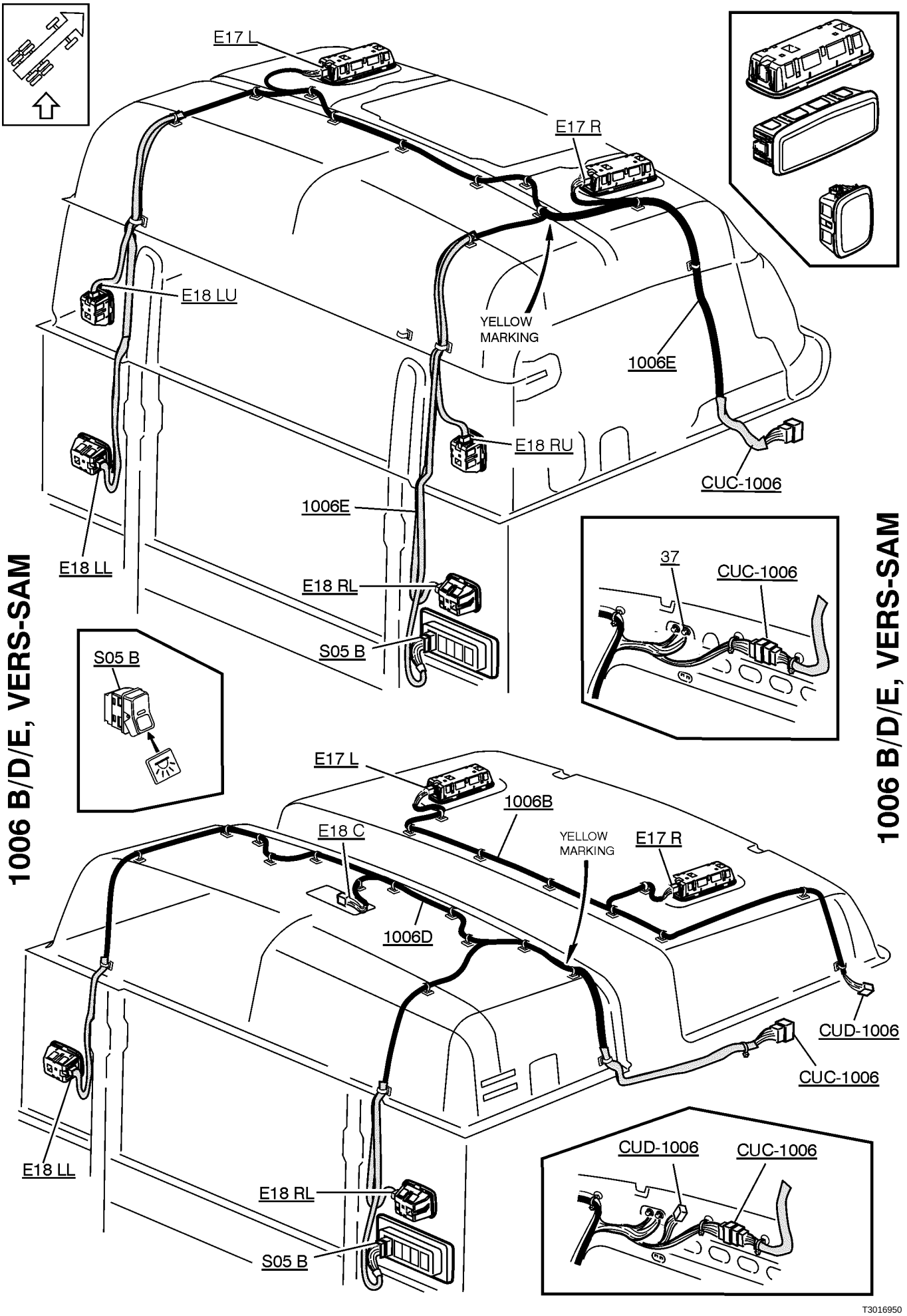
T3016391

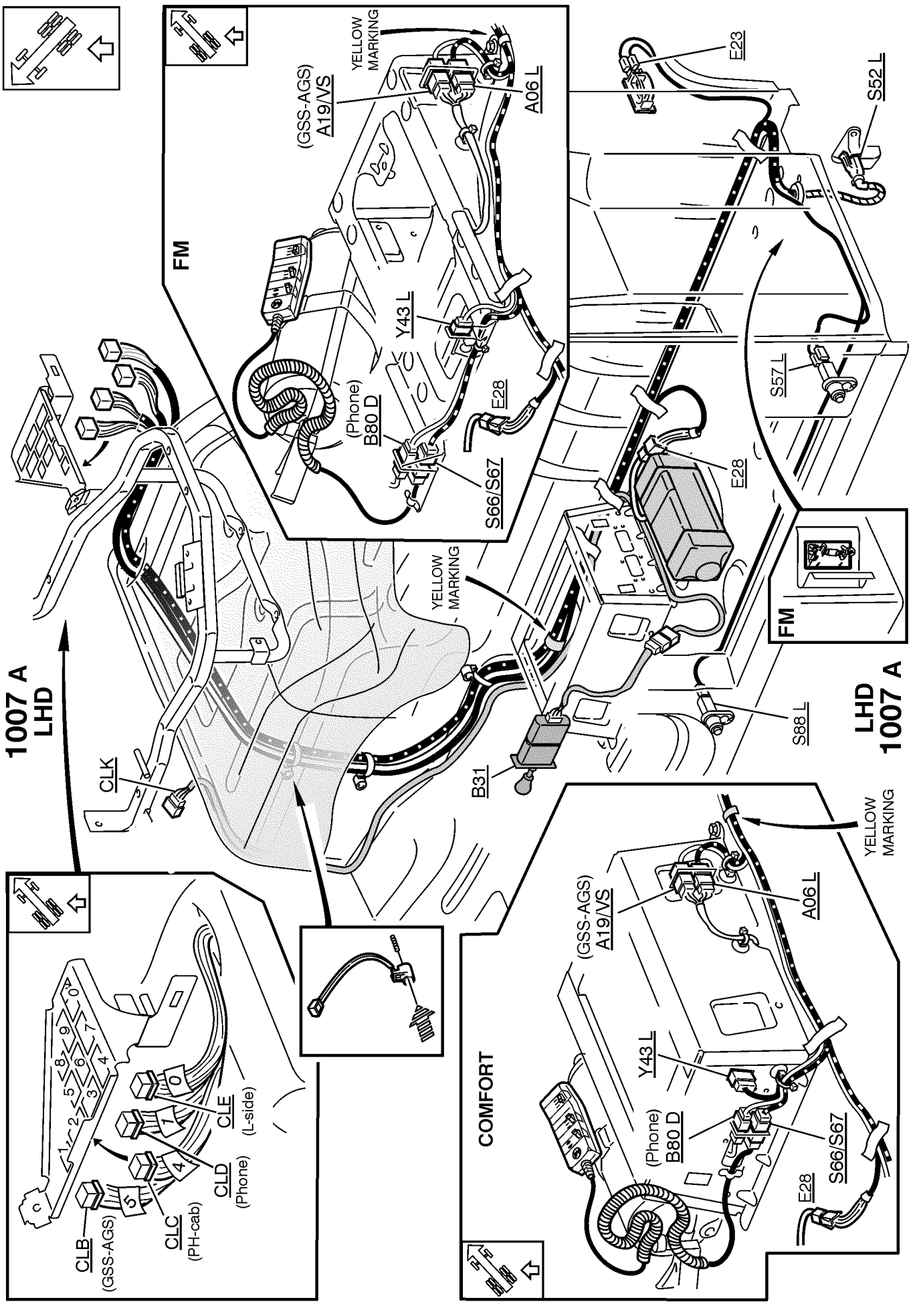

CUD-1006
CUC-1006
CUD-1006
CUC-1006
B02A
S21 B
S05 B
Red
E17 R
B90
YELLOW MARKING
E18 R
E18 RB
1006 B,D
1006B
White
E17 L
B91
1006D
CUG-1000
B60 RR
E18 C
E18 L
S05 B
S21 B
B02A
E18 LB
B60 LR
1006 B,D

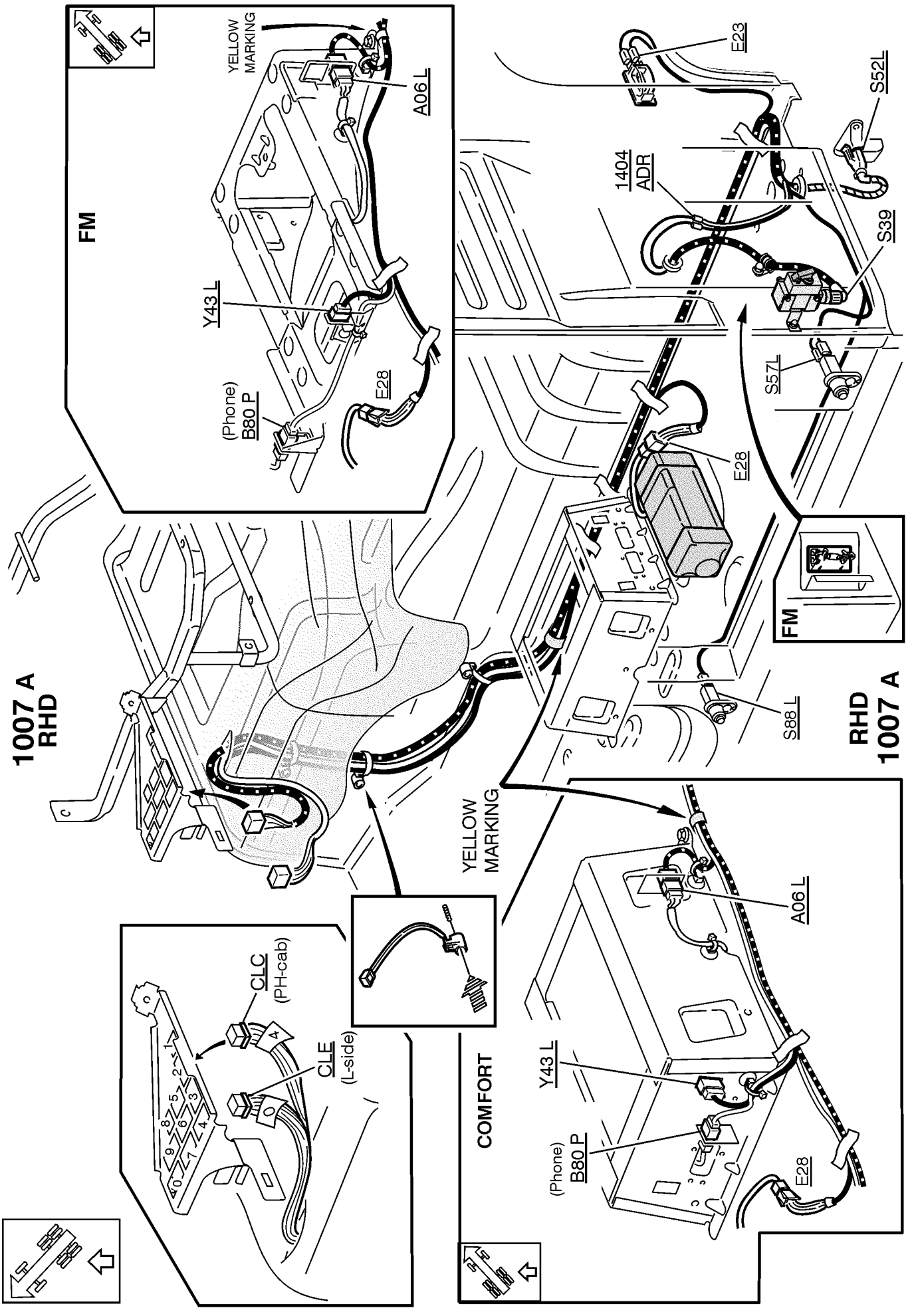

1006 E
1006 E
CUC-1006
CUC-1006
B02A
S21 B
S05 B
Red
E17 R
B90
E18 R
E18 RB
YELLOW MARKING
A18
E17 L
B60 RR
White
B91
E18 RC
CUG-1000
E18 L
S05 B
S21 B
B02A
E18 LB
B60 LR

T3016393

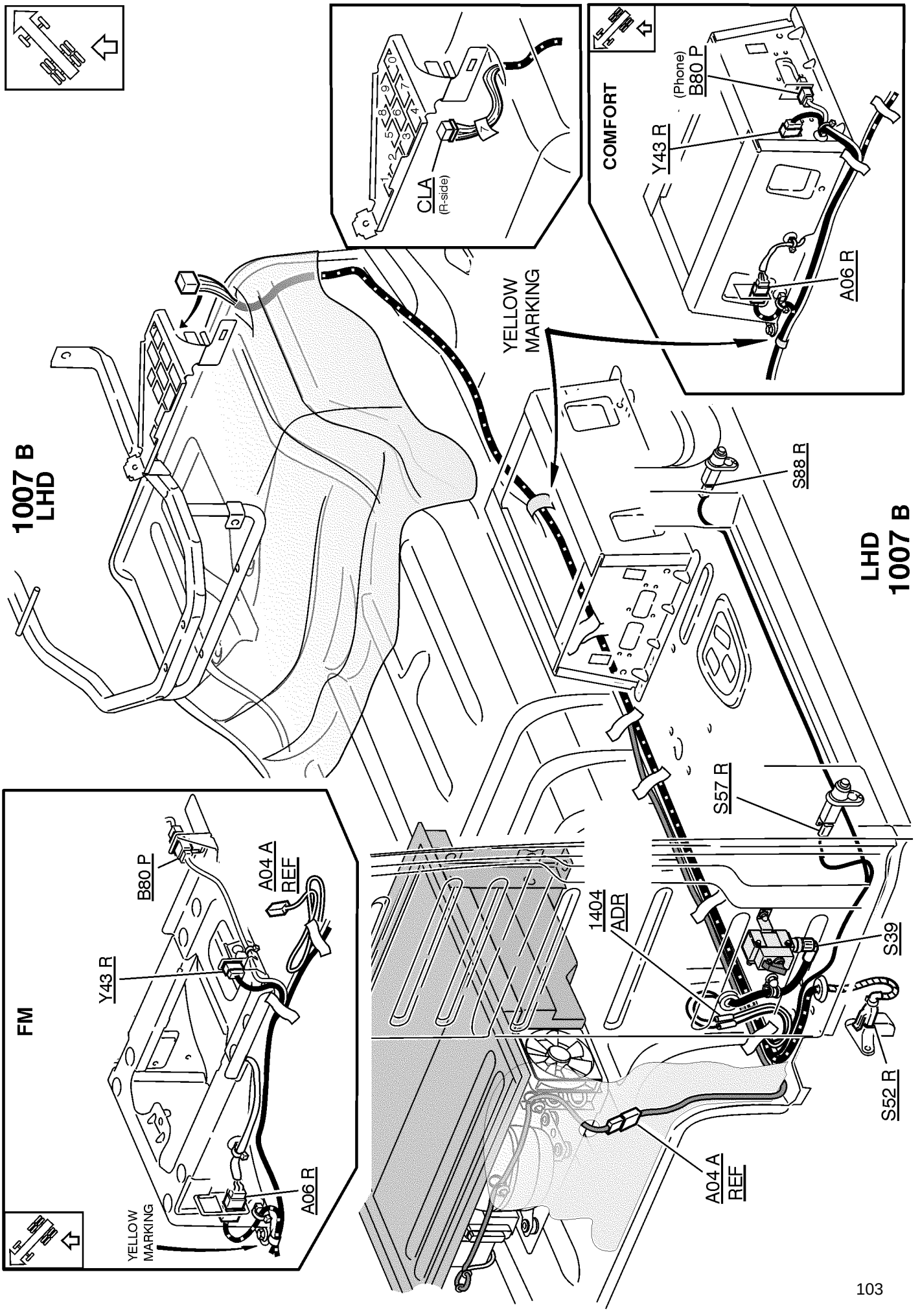

Red
B90
White
B91
1006B
CUG-1000
Red
B90
White
B91
1006 B,E
1006 B,E
1006E
CUG-1000


1006 B/D/E, VERS-SAM
E17 L
E17 R
E18 LU
YELLOW MARKING
1006E
E18 RU
CUC-1006
1006E
E18 LL
E18 RL
S05 B
37
CUC-1006
S05 B
1006 B/D/E, VERS-SAM
E17 L
1006B
E18 C
YELLOW MARKING
E17 R
1006D
CUD-1006
CUC-1006
E18 LL
E18 RL
S05 B
CUD-1006
CUC-1006
T3016950

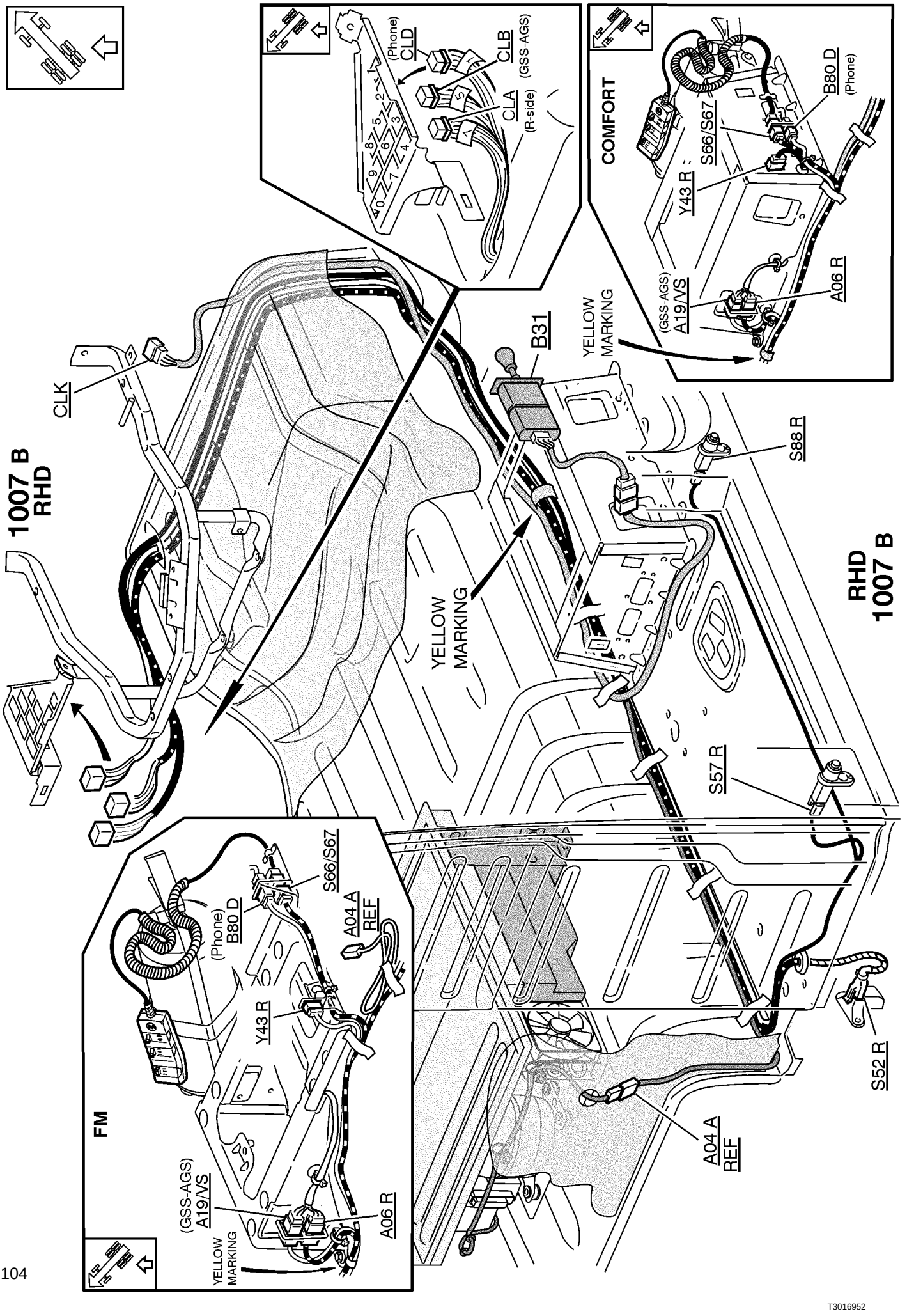

1007 A
LHD
CLB
(GSS-AGS)
CLC
(PH-cab)
CLD
(Phone)
CLE
(L-side)
CLK
FM
(GSS-AGS)
A19/VS
YELLOW
MARKING
A06 L
Y43 L
(Phone)
B80 D
E28
S66/S67
YELLOW
MARKING
B31
E23
S52 L
S57 L
E28
S88 L
FM
LHD
1007 A
COMFORT
(GSS-AGS)
A19/VS
A06 L
YELLOW
MARKING
Y43 L
(Phone)
B80 D
E28
S66/S67


FM
YELLOW MARKING
A06 L
Y43 L
E28
(Phone) B80 P
1007 A RHD
E23
S52L
1404 ADR
S39
S57L
E28
S88 L
FM
RHD 1007 A
YELLOW MARKING
CLC (PH-cab)
CLE (L-side)
COMFORT
A06 L
Y43 L
(Phone) B80 P
E28

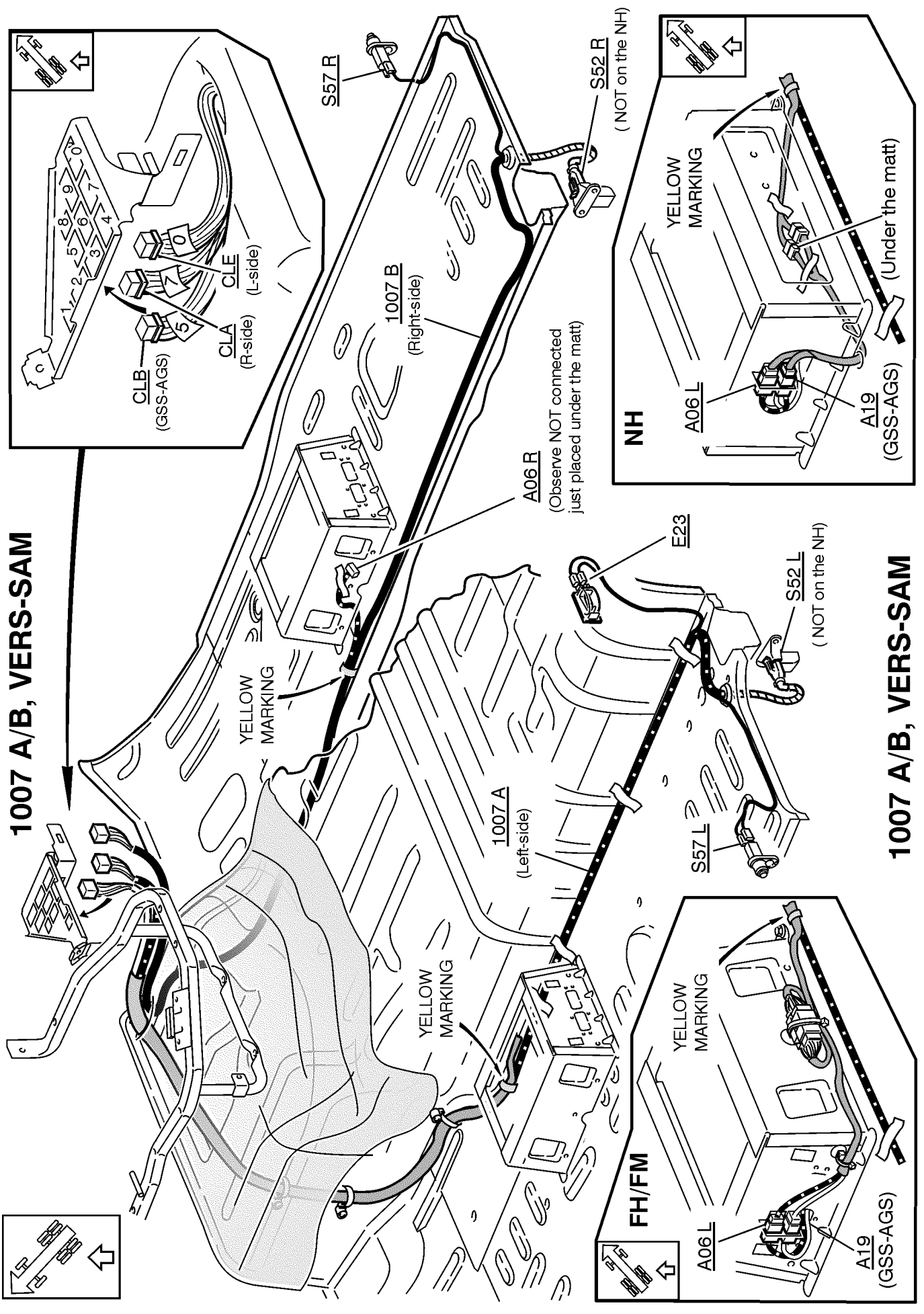
T3016396

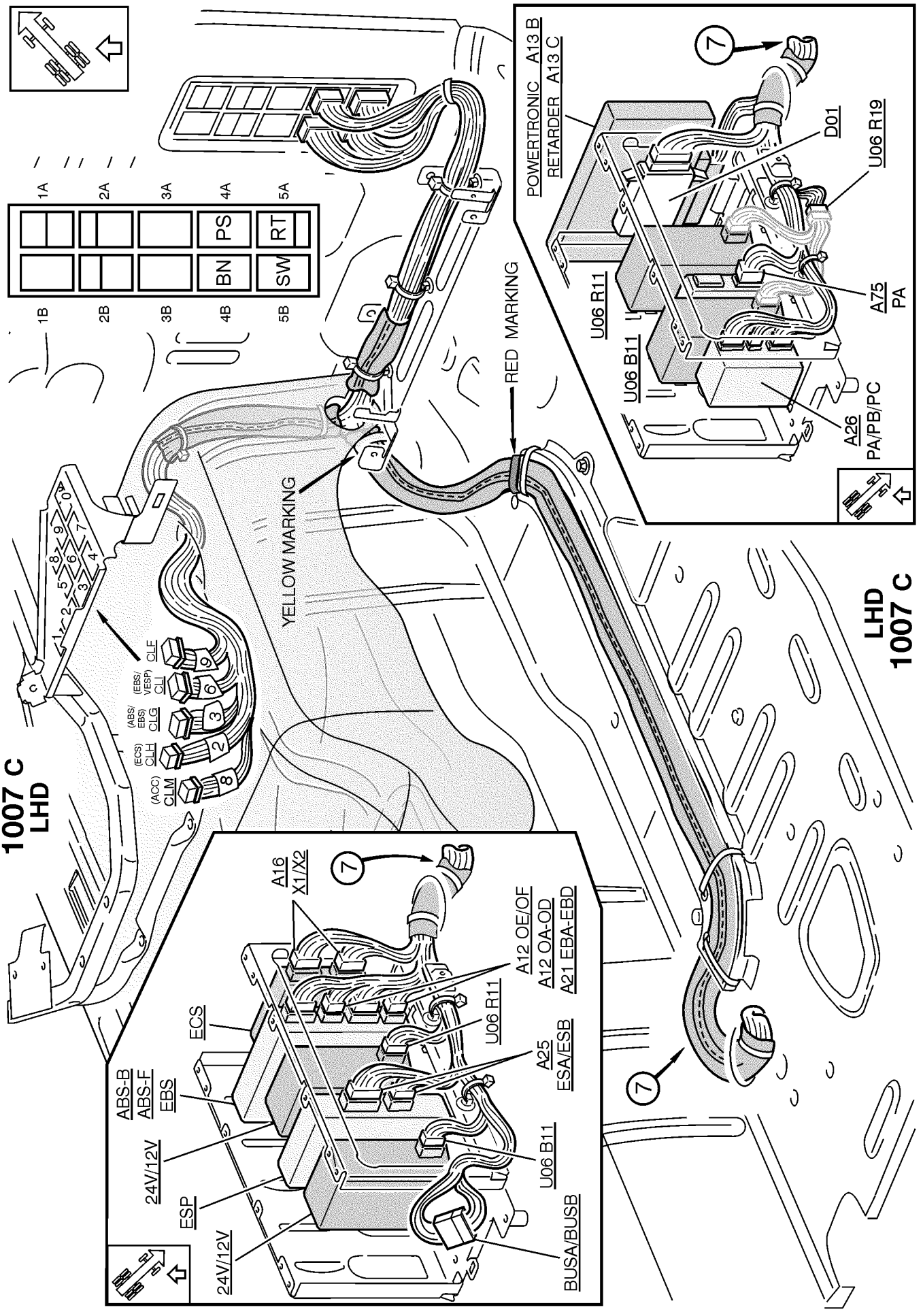

1007 B
LHD
CLA
(R-side)
COMFORT
Y43 R
(Phone)
B80 P
A06 R
YELLOW
MARKING
S88 R
LHD
1007 B
FM
B80 P
A04 A
REF
Y43 R
A06 R
YELLOW
MARKING
S57 R
1404
ADR
S39
S52 R
A04 A
REF

T3016397

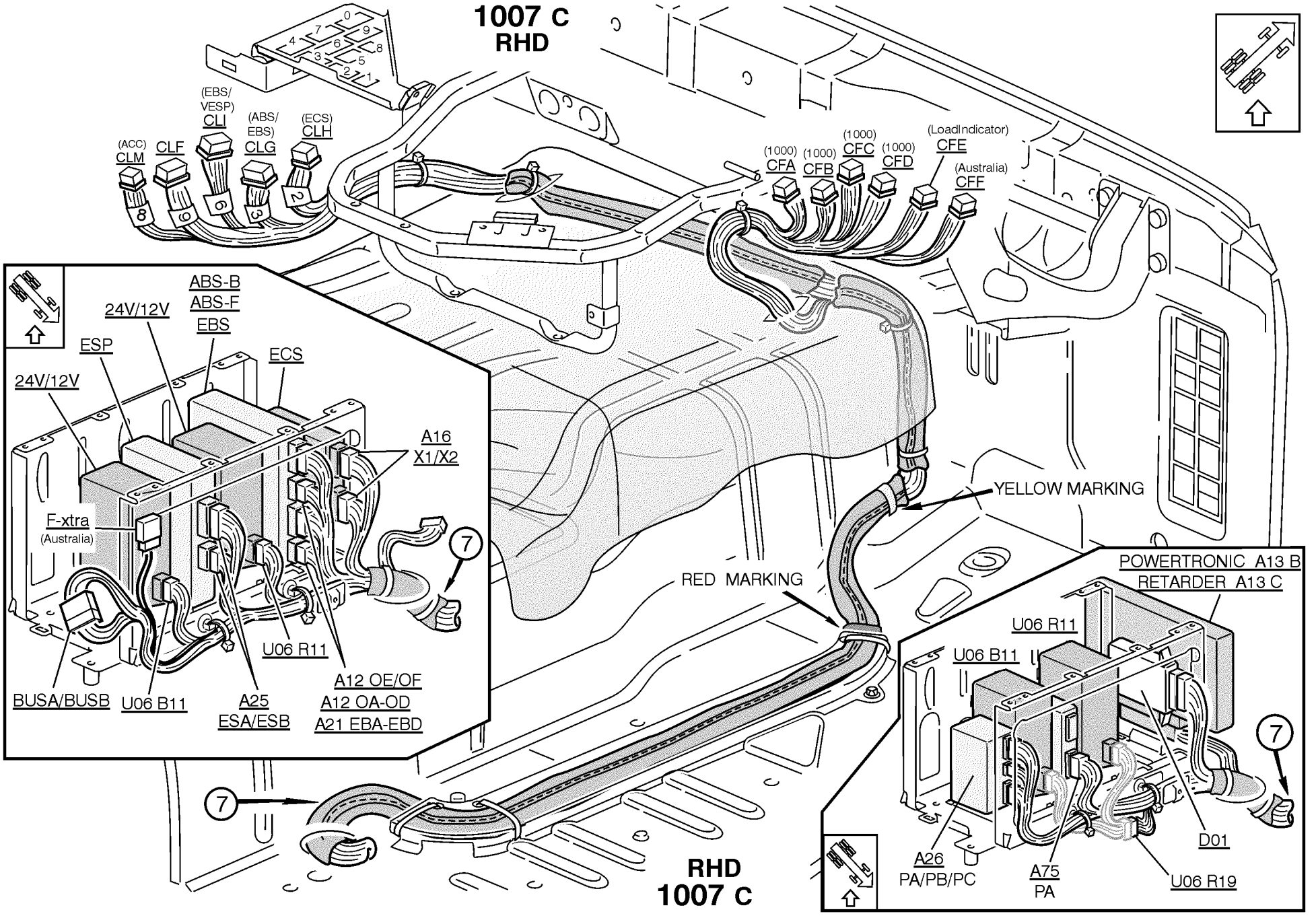

1007 B
RHD
CLK
B31
YELLOW
MARKING
S88 R
S57 R
S52 R
A04 A
REF
RHD
1007 B
FM
(Phone)
B80 D
S66/S67
Y43 R
(GSS-AGS)
A19/VS
A06 R
YELLOW
MARKING
(Phone)
CLD
CLB
(GSS-AGS)
CLA
(R-side)
COMFORT
B80 D
(Phone)
S66/S67
Y43 R
(GSS-AGS)
A19/VS
A06 R

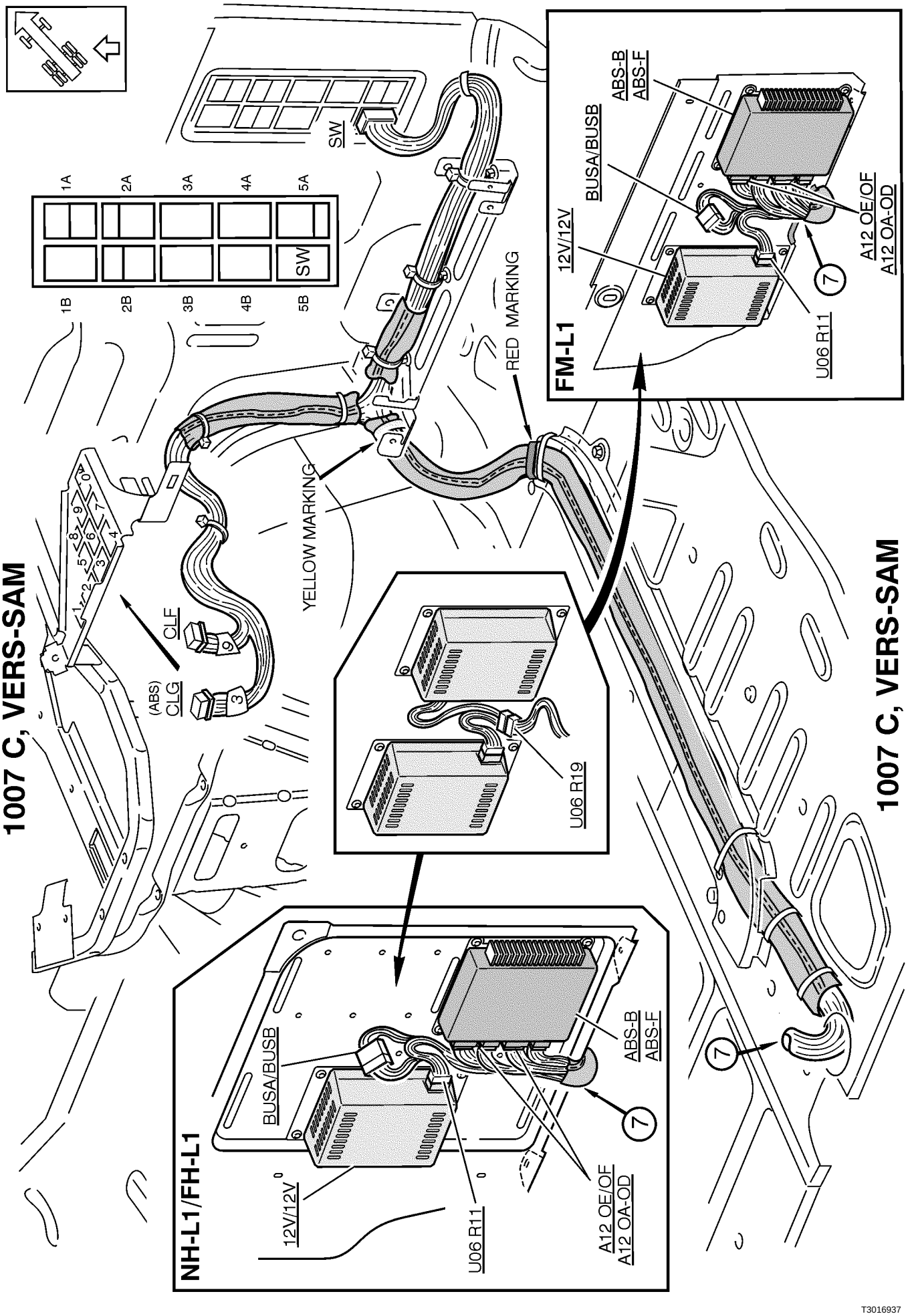
T3016952


1007 A/B, VERS-SAM
CLE (L-side)
CLA (R-side)
CLB (GSS-AGS)
S57 R
S52 R (NOT on the NH)
1007 B (Right-side)
A06 R (Observe NOT connected just placed under the matt)
YELLOW MARKING
E23
S52 L (NOT on the NH)
1007 A (Left-side)
S57 L
NH
A06 L
A19 (GSS-AGS)
(Under the matt)
FH/FM
1007 A/B, VERS-SAM

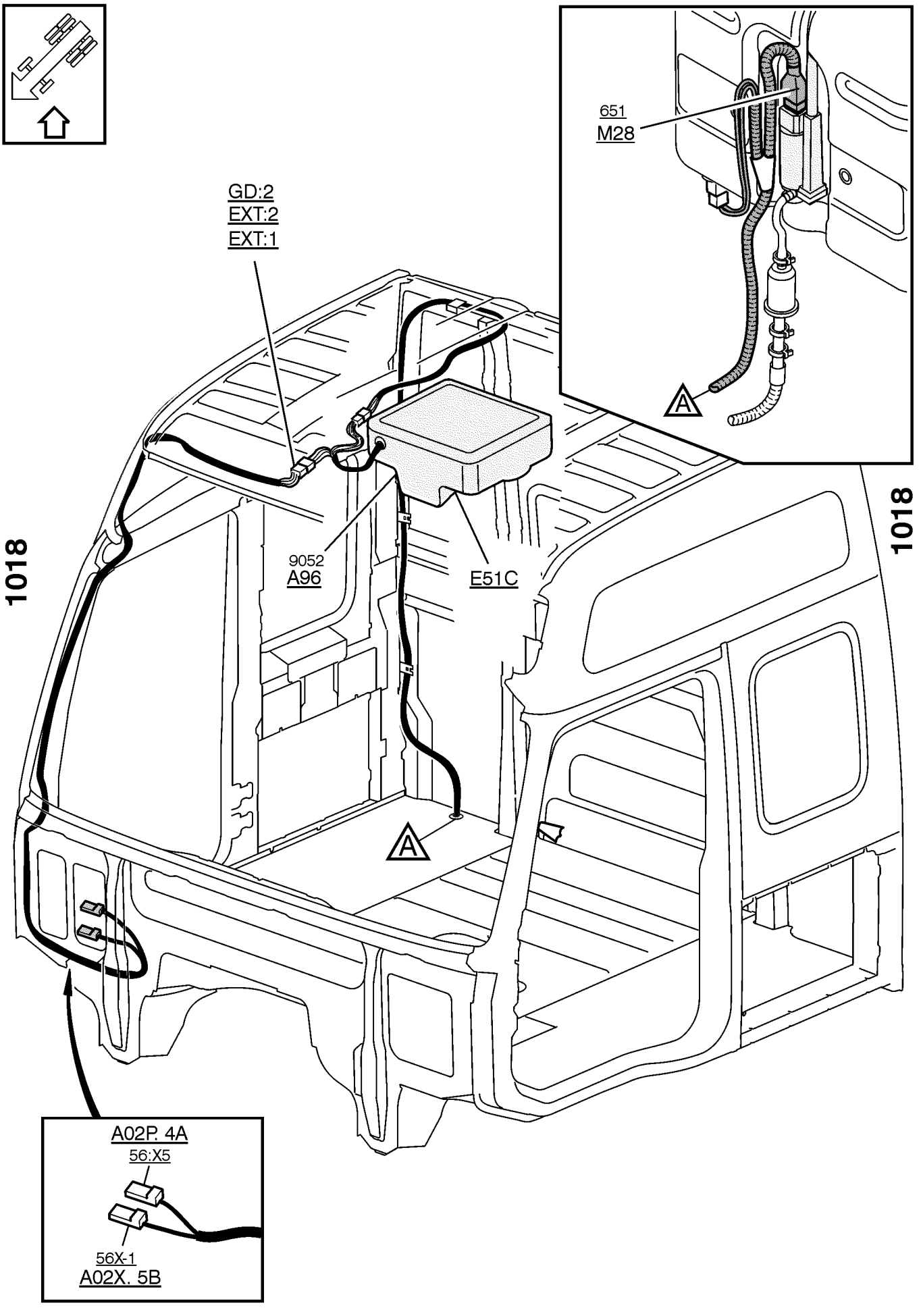

1007 C
LHD
LHD
1007 C
YELLOW MARKING
RED MARKING
POWERTRONIC A13 B
RETARDER A13 C
U06 R11
U06 B11
D01
U06 R19
A75
PA
A26
PA/PB/PC
A16
X1/X2
A12 OE/OF
A12 OA-OD
A21 EBA-EBD
U06 R11
A25
ESA/ESB
U06 B11
BUSA/BUSB
ECS
ABS-B
ABS-F
EBS
24V/12V
ESP
24V/12V
1A
2A
3A
4A
5A
1B
2B
3B
4B
5B
PS
RT
BN
SW
(ACC) CLM
(ECS) CLH
(ABS/ EBS) CLG
(EBS/ VESP) CLI
CLF

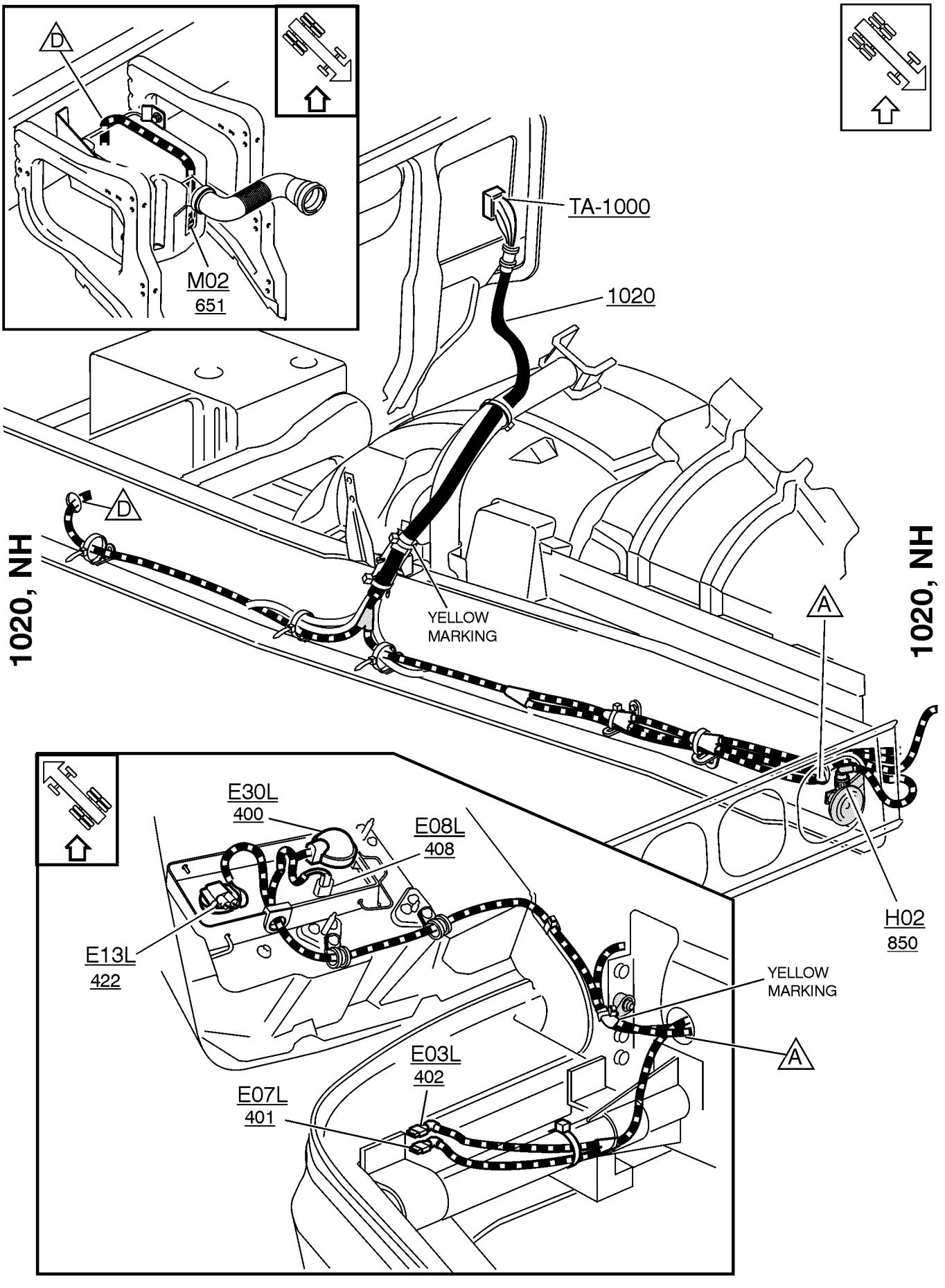
T3016954

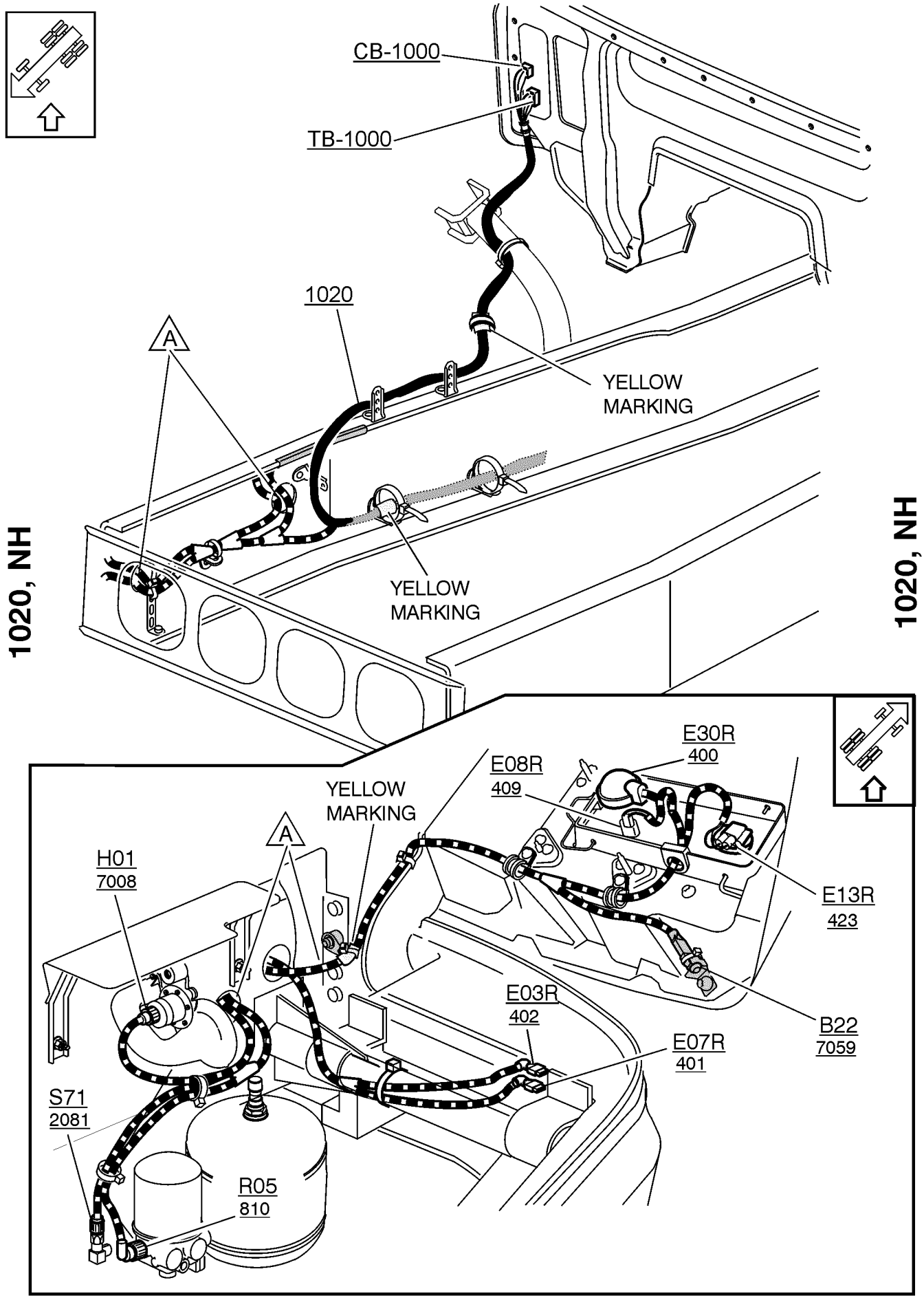

1007 C
RHD
(EBS/
VESP)
CLI
(ABS/
EBS)
CLG
(ECS)
CLH
(ACC)
CLM
CLF
(1000)
CFA
(1000)
CFB
(1000)
CFC
(1000)
CFD
(LoadIndicator)
CFE
(Australia)
CFF
ABS-B
ABS-F
EBS
24V/12V
ESP
ECS
24V/12V
A16
X1/X2
F-xtra
(Australia)
U06 R11
BUSA/BUSB
U06 B11
A25
ESA/ESB
A12 OE/OF
A12 OA-OD
A21 EBA-EBD
YELLOW MARKING
RED MARKING
POWERTRONIC A13 B
RETARDER A13 C
U06 R11
U06 B11
D01
A26
PA/PB/PC
A75
PA
U06 R19
RHD
1007 C


1007 C, VERS-SAM
1007 C, VERS-SAM
1A
2A
3A
4A
5A
SW
1B
2B
3B
4B
5B
SW
RED MARKING
YELLOW MARKING
CLF
(ABS)
CLG
FM-L1
12V/12V
BUSA/BUSB
ABS-B
ABS-F
A12 OE/OF
A12 OA-OD
U06 R11
U06 R19
NH-L1/FH-L1
BUSA/BUSB
ABS-B
ABS-F
12V/12V
U06 R11
A12 OE/OF
A12 OA-OD

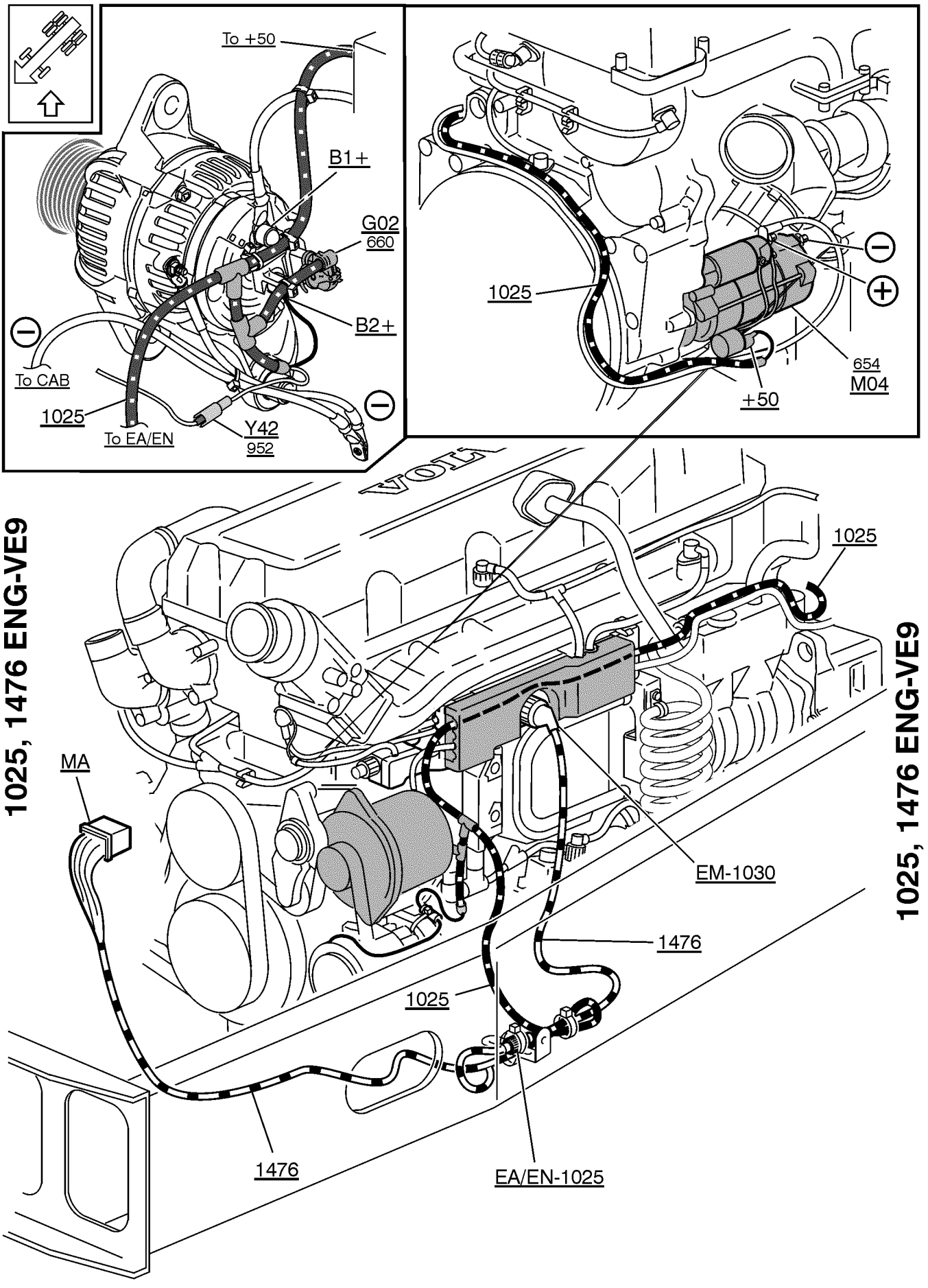
T3016937


651
M28
A
GD:2
EXT:2
EXT:1
1018
1018
9052
A96
E51C
A
A02P. 4A
56:X5
56X-1
A02X. 5B

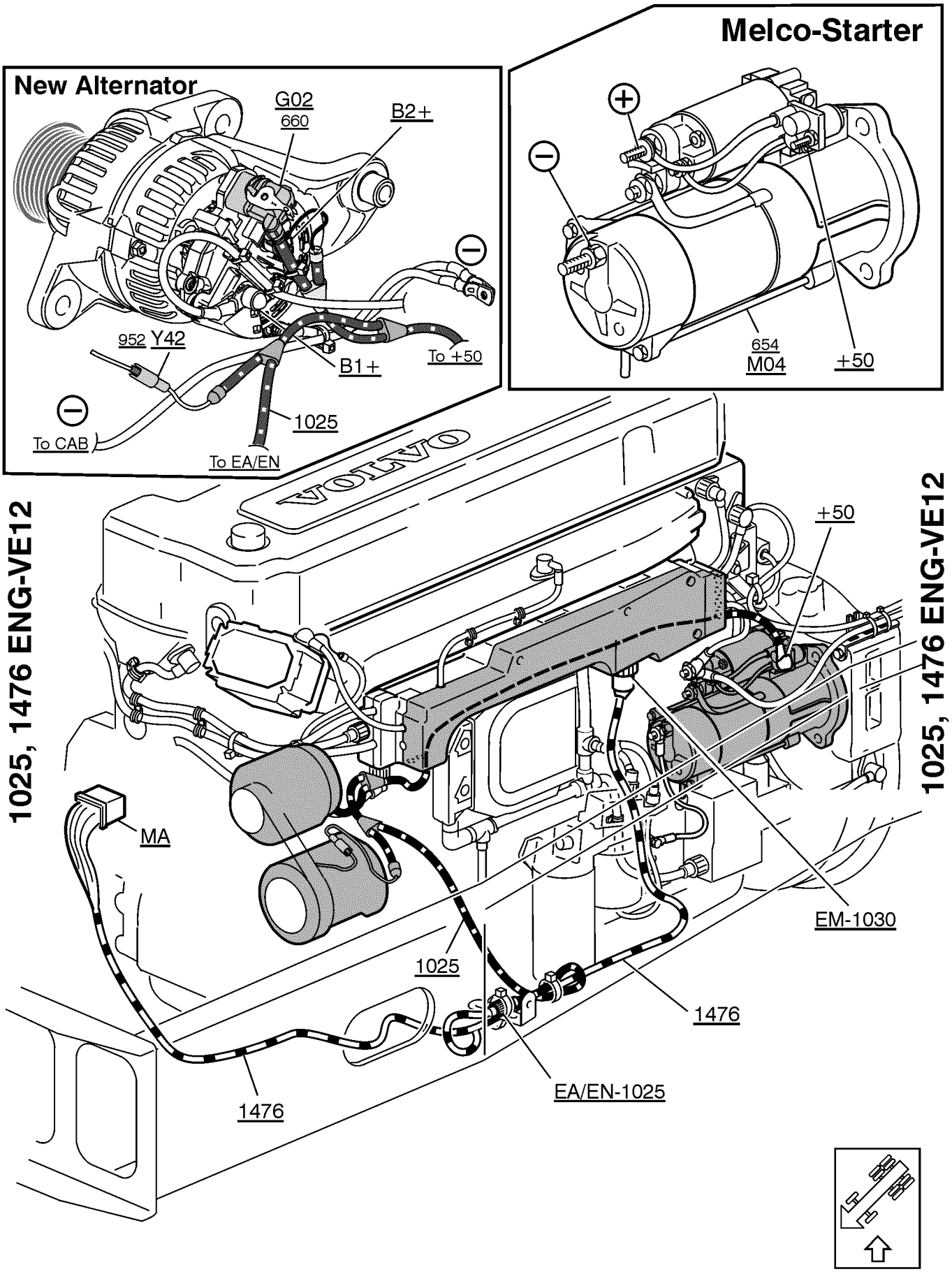

D
M02
651
TA-1000
1020
1020, NH
D
YELLOW
MARKING
A
1020, NH
E30L
400
E08L
408
H02
850
E13L
422
YELLOW
MARKING
A
E03L
402
E07L
401
T3016978

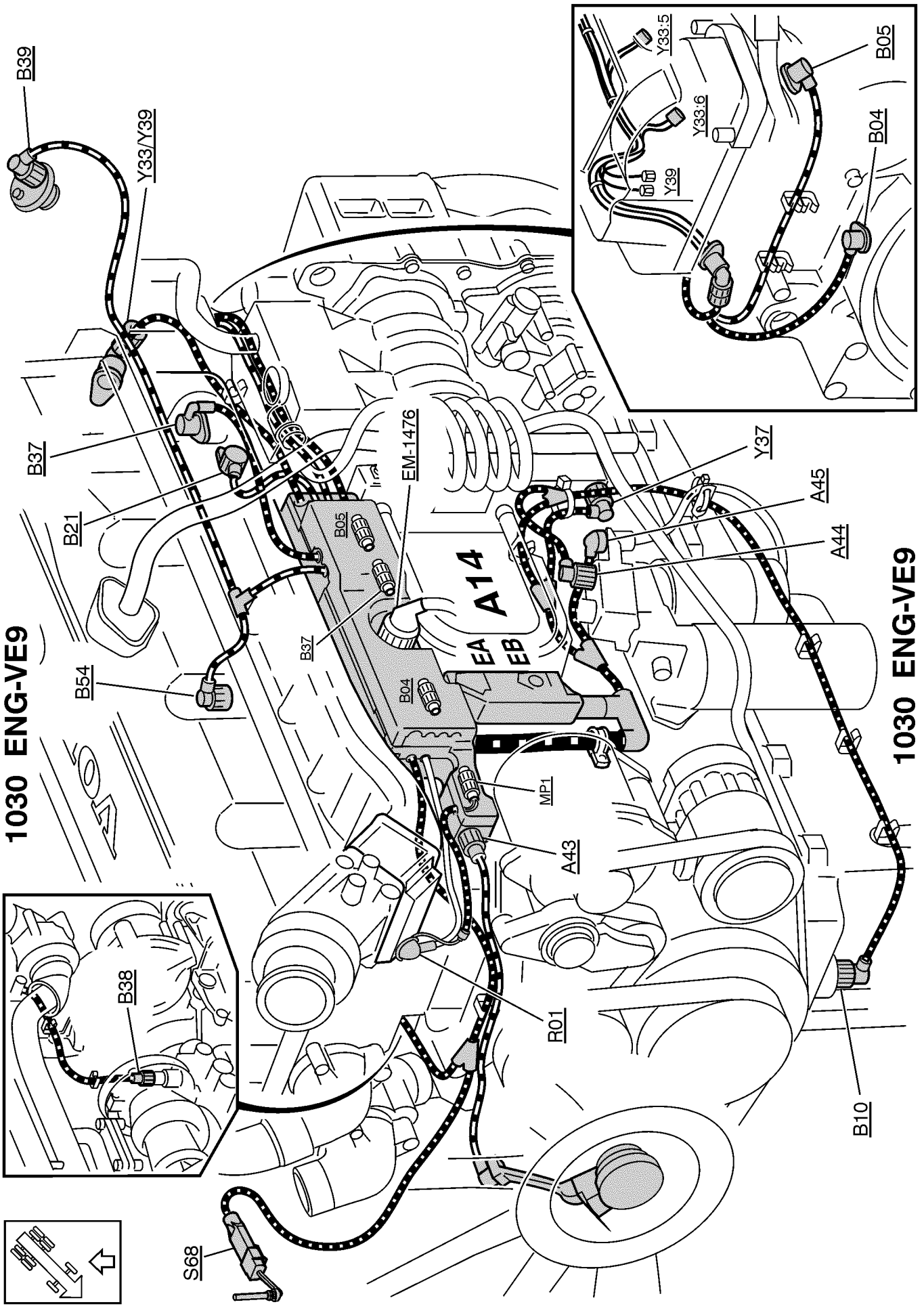

CB-1000
TB-1000
1020
A
YELLOW
MARKING
YELLOW
MARKING
1020, NH
1020, NH
E30R
400
E08R
409
YELLOW
MARKING
A
H01
7008
E13R
423
E03R
402
B22
7059
E07R
401
S71
2081
R05
810

T3016979

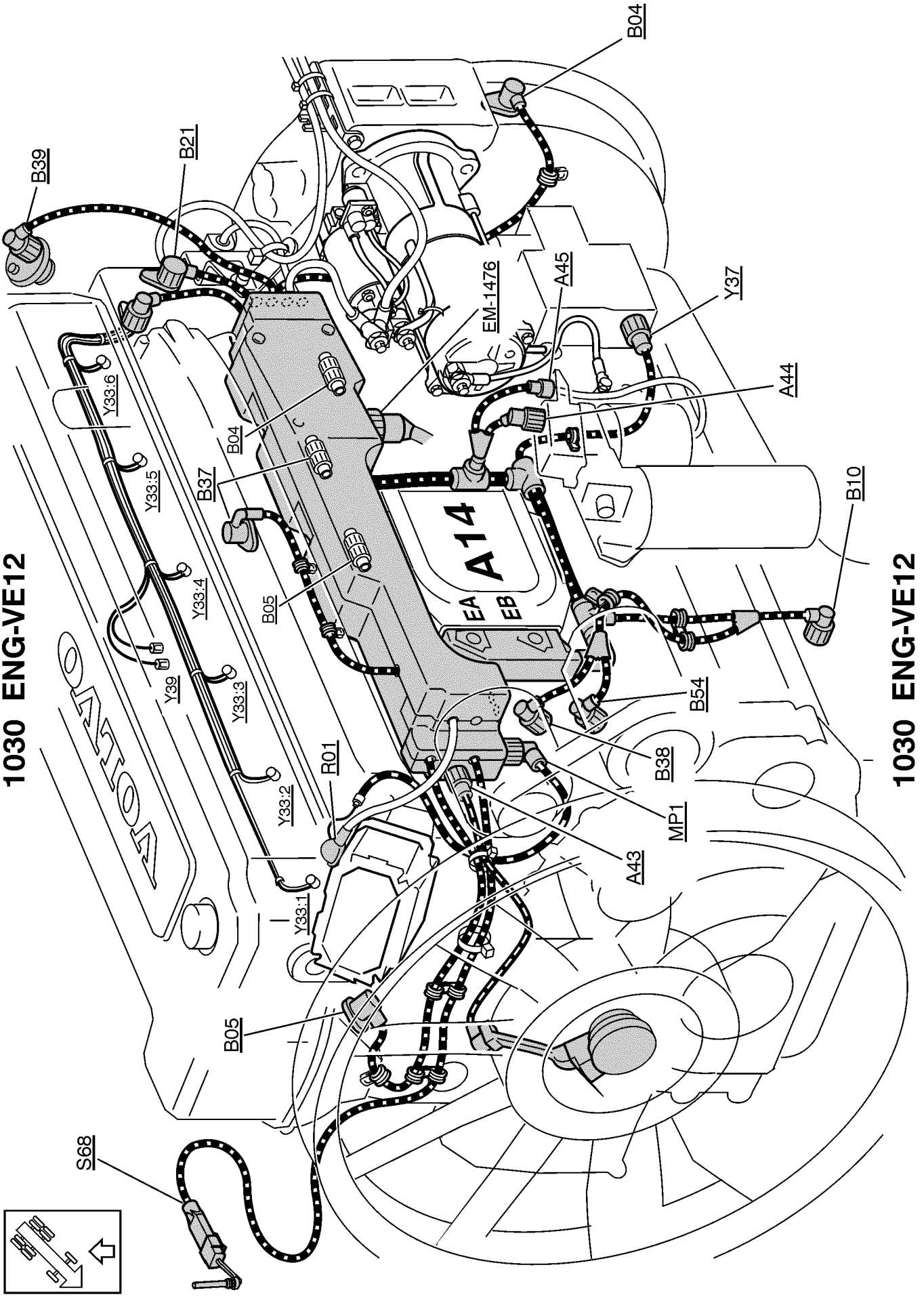

To +50
B1+
G02
660
B2+
To CAB
1025
To EA/EN
Y42
952
1025
654
M04
+50
1025, 1476 ENG-VE9
1025
MA
EM-1030
1476
1025
1476
EA/EN-1025
1025, 1476 ENG-VE9

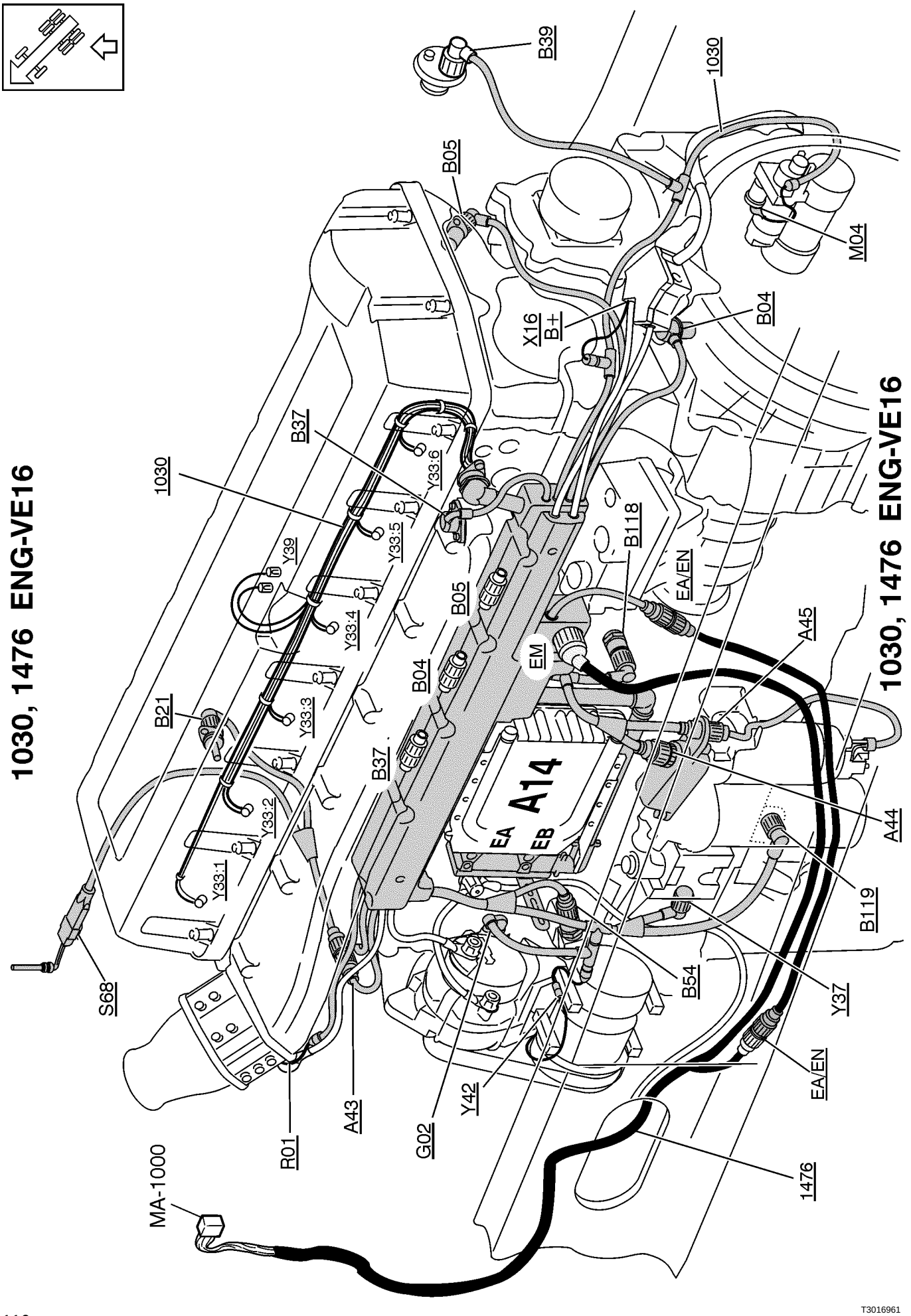
T3016956


Melco-Starter
654
M04
+50
New Alternator
G02
660
B2+
952 Y42
B1+
To +50
To CAB
1025
To EA/EN
1025, 1476 ENG-VE12
+50
MA
EM-1030
1025
1476
EA/EN-1025
1476
1025, 1476 ENG-VE12
T3016957

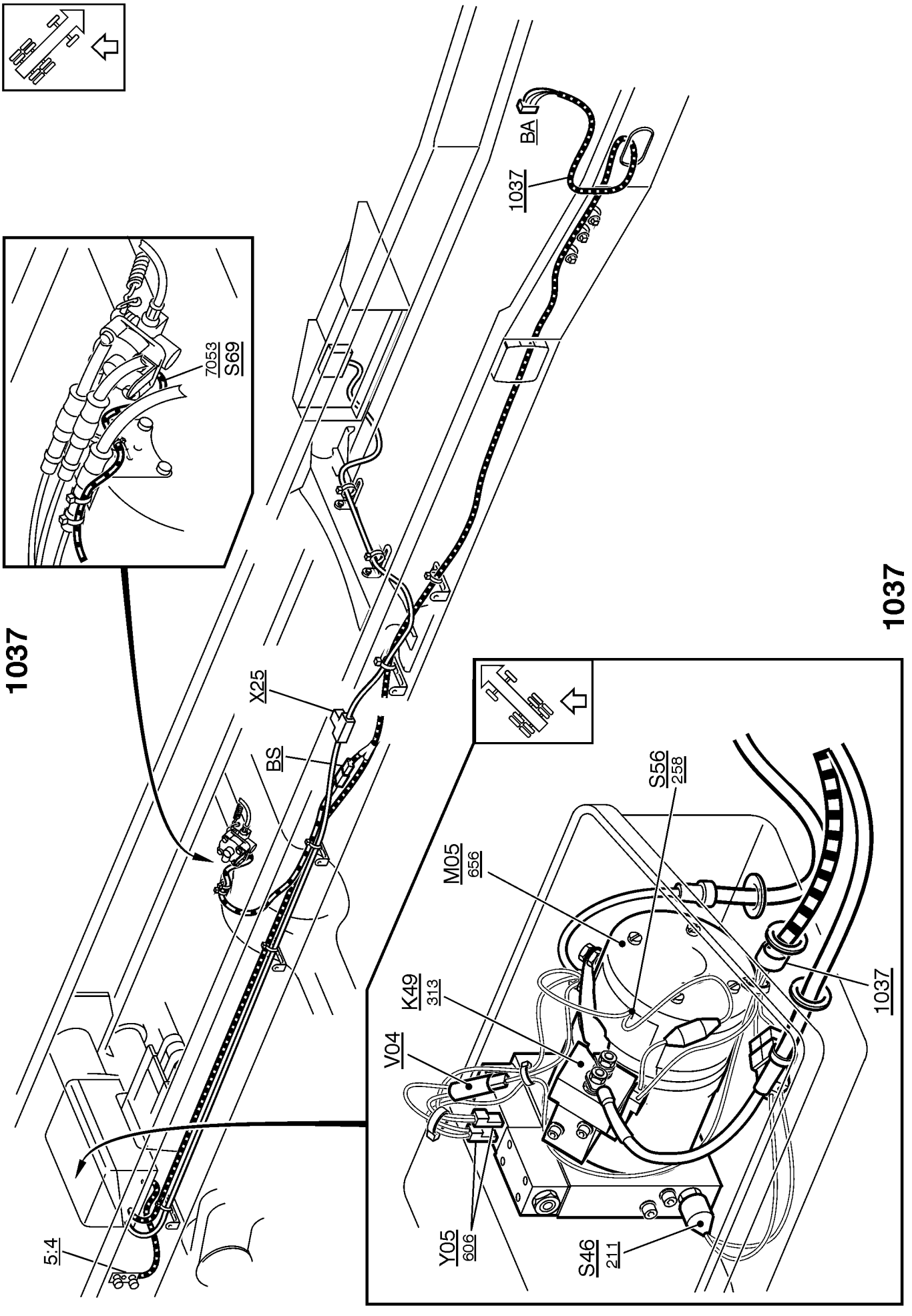

1030 ENG-VE9
1030 ENG-VE9
B39
Y33/Y39
B37
B21
B54
EM-1476
B05
B37
B04
EA
EB
A14
Y33:5
Y33:6
Y39
B05
B04
Y37
A45
A44
MP1
A43
R01
B10
B38
S68

T3016959

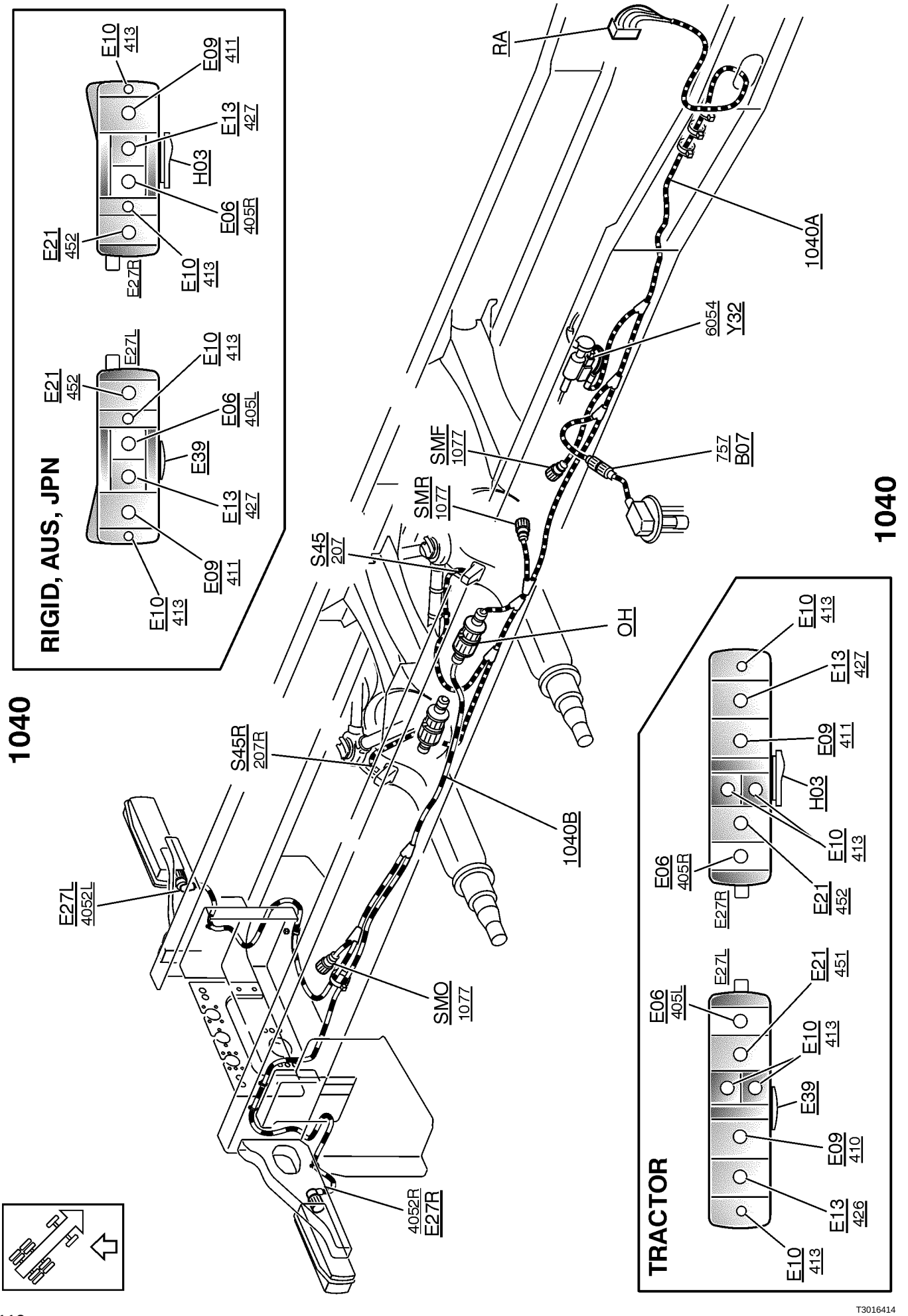

1030 ENG-VE12
1030 ENG-VE12
B04
B21
B39
EM-1476
A45
Y37
A44
Y33:6
B04
B37
Y33:5
Y33:4
B05
B10
EA
A14
EB
Y39
Y33:3
B54
B38
R01
Y33:2
MP1
A43
Y33:1
B05
S68

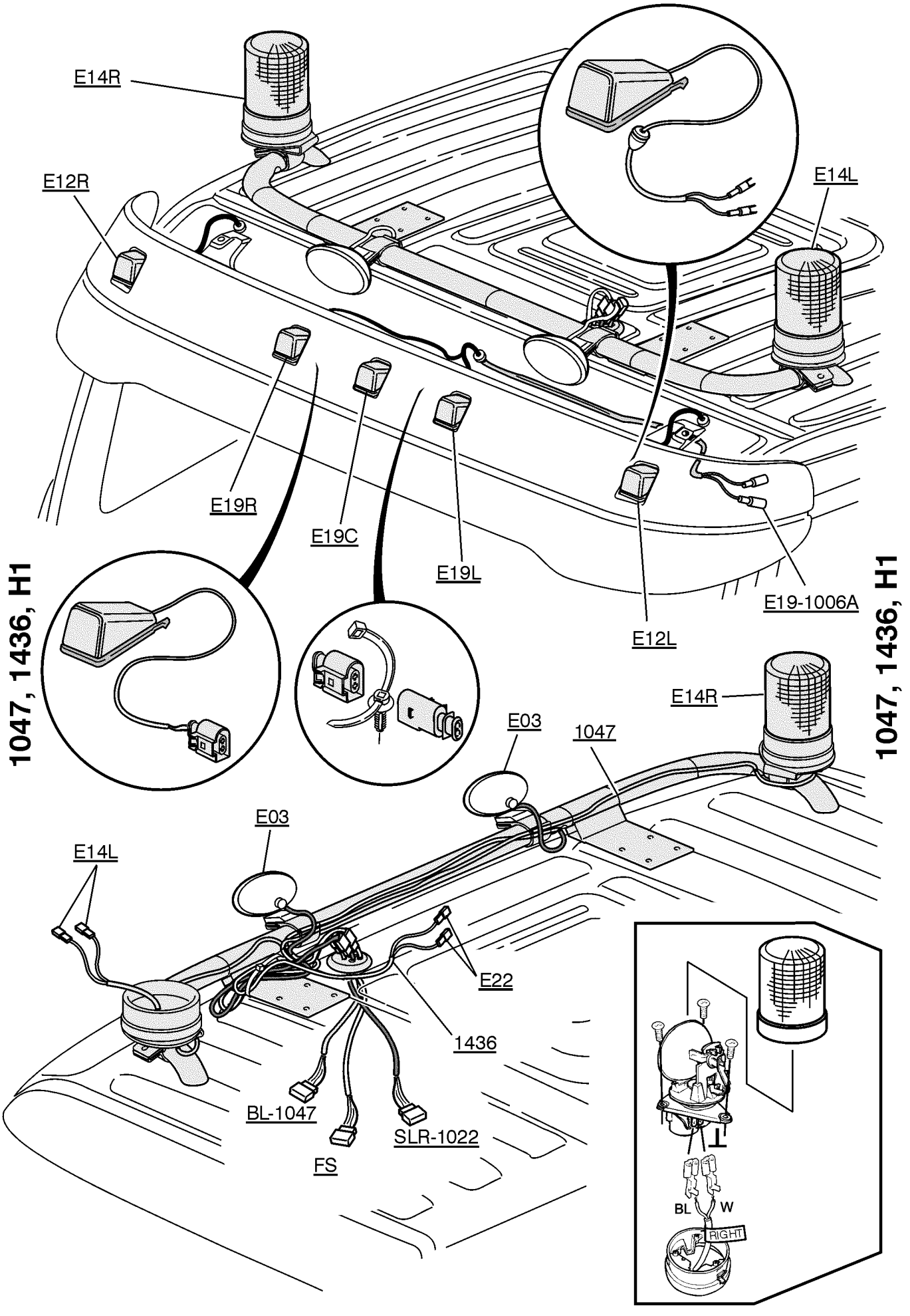

1030, 1476 ENG-VE16
1030, 1476 ENG-VE16
B39
1030
B05
M04
X16
B+
B04
B37
Y33:6
1030
Y33:5
Y39
Y33:4
B118
EA/EN
B05
A45
EM
B04
B21
Y33:3
B37
A14
EA
EB
Y33:2
A44
Y33:1
B119
S68
B54
Y37
EA/EN
Y42
A43
G02
R01
1476
MA-1000

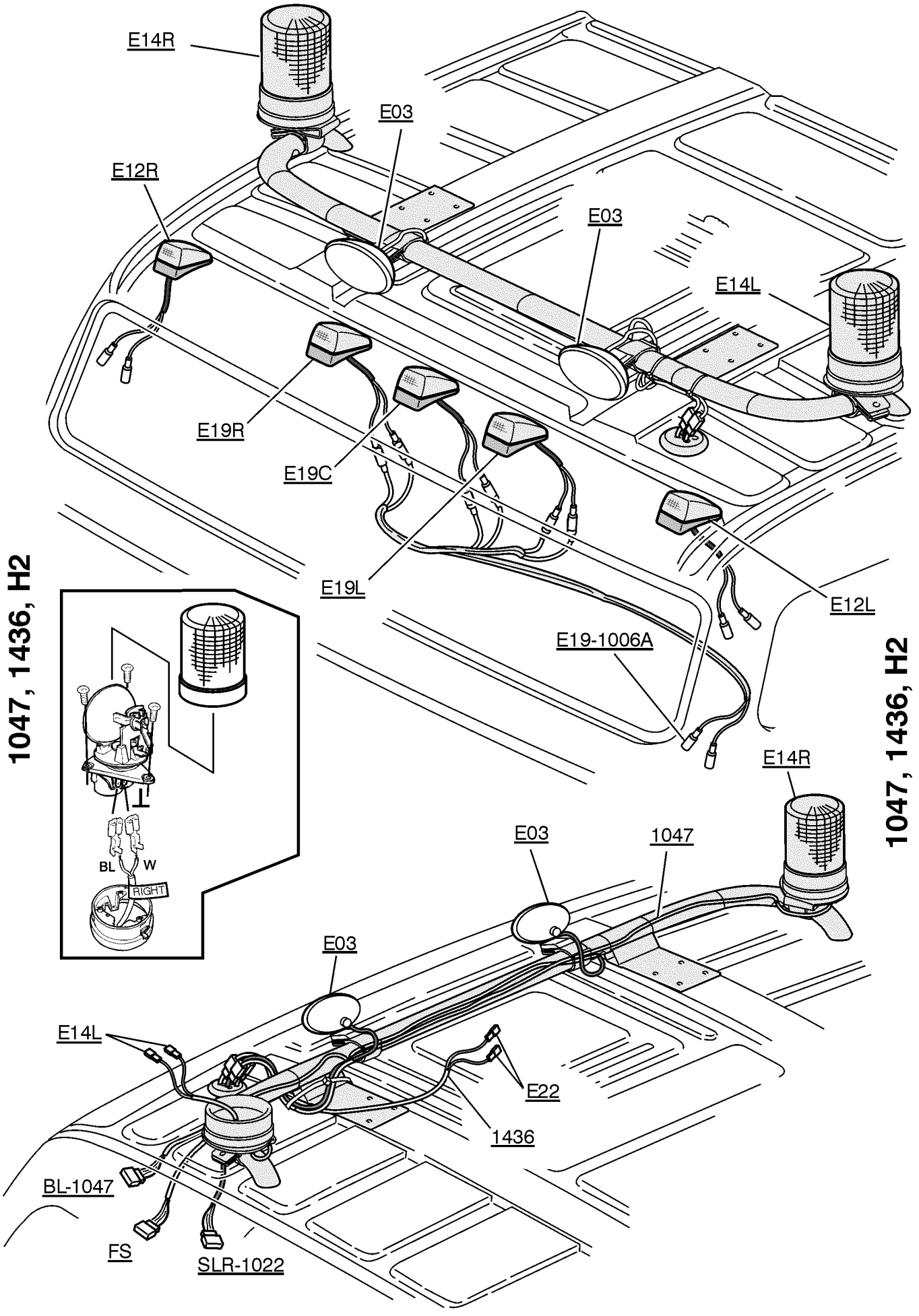
T3016961


1037
7053
S69
BA
1037
X25
BS
5:4
1037
S56
258
M05
656
K49
313
V04
Y05
606
S46
211
1037

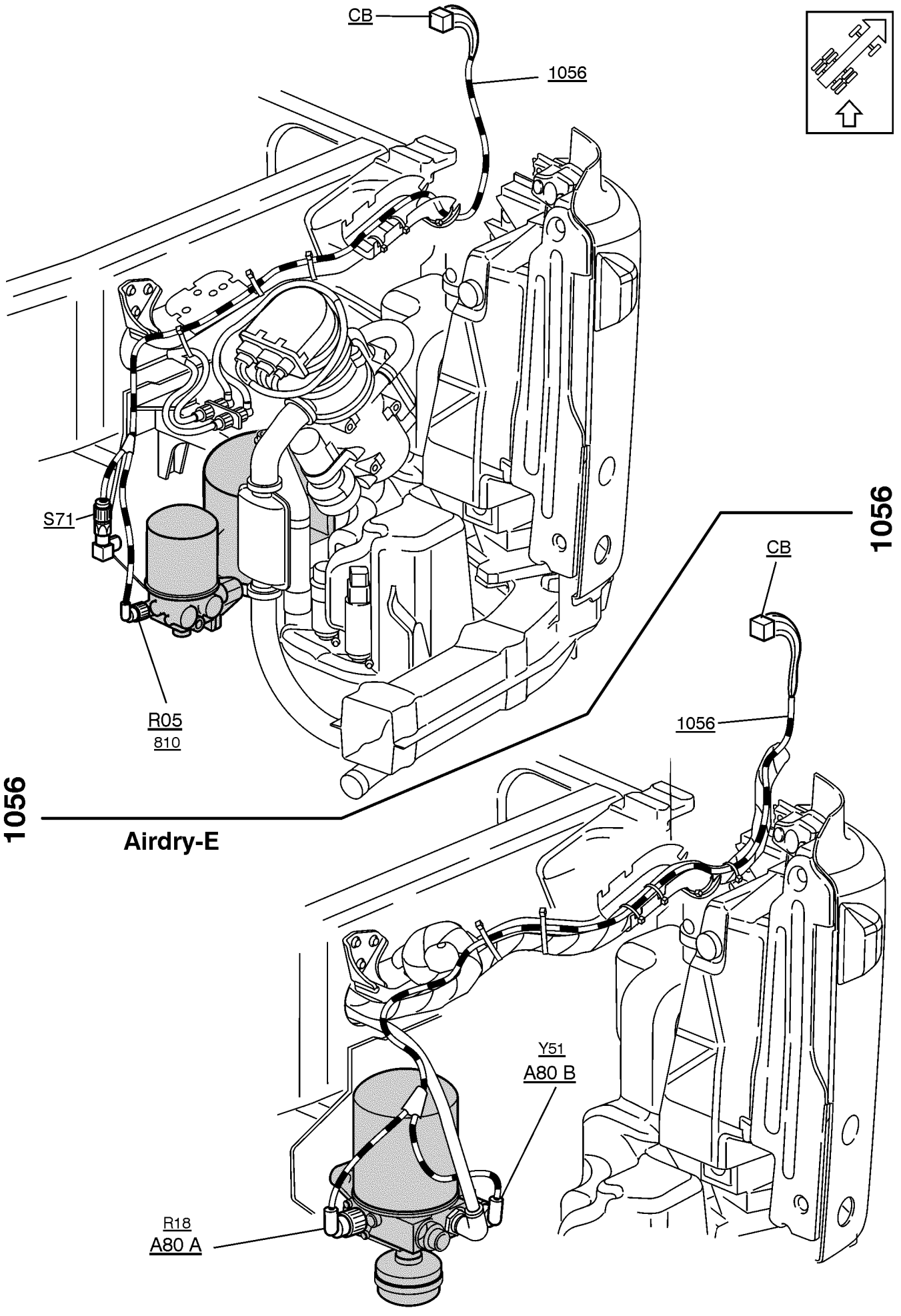
T3016415

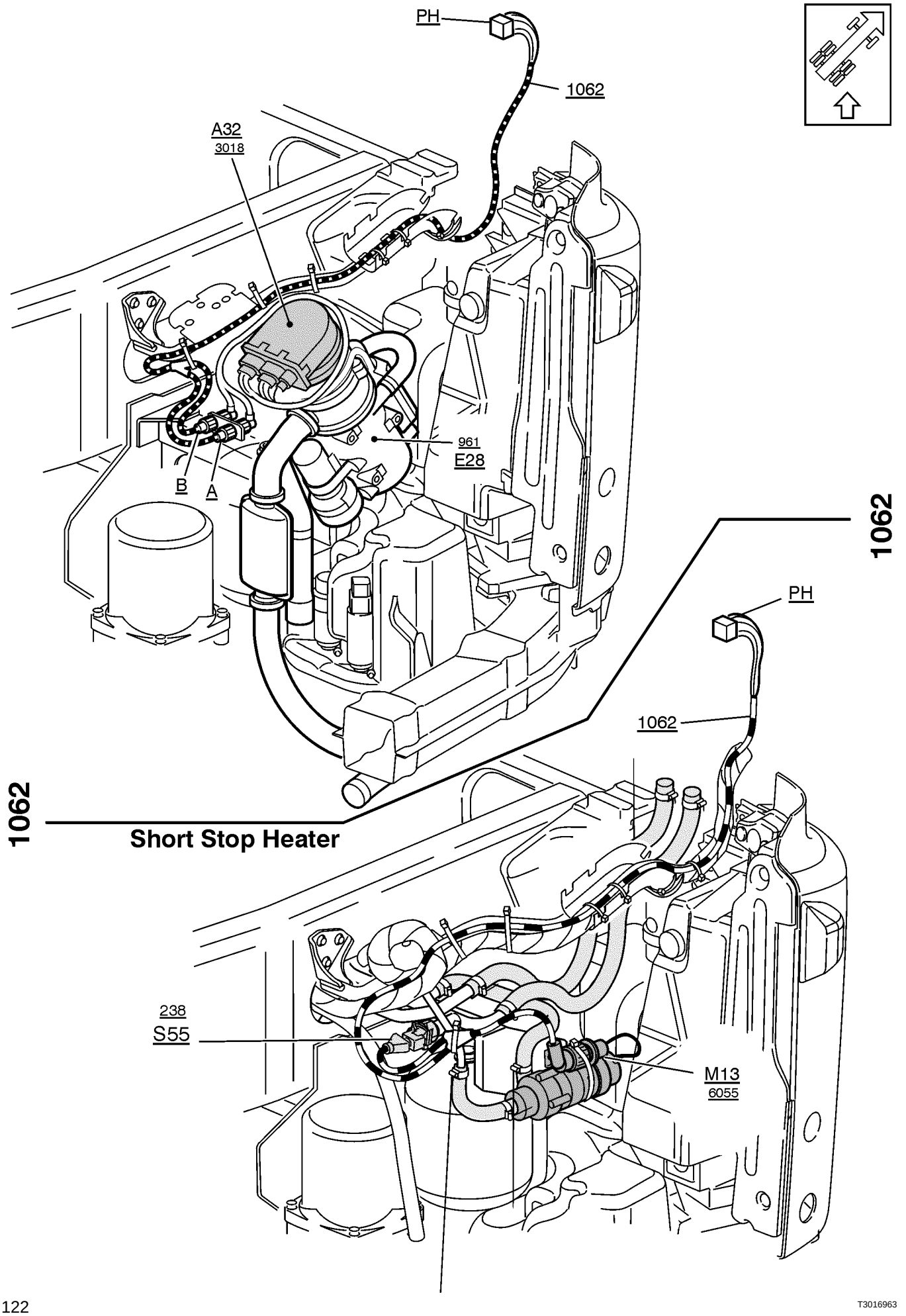

1040
RIGID, AUS, JPN
E10 413
E09 411
E13 427
H03
E06 405R
E21 452
E27R
E10 413
E27L
E21 452
E10 413
E06 405L
E39
E13 427
E09 411
E10 413
RA
1040A
6054 Y32
757 B07
SMF 1077
SMR 1077
S45 207
OH
S45R 207R
1040B
E27L 4052L
SMO 1077
4052R E27R
1040
TRACTOR
E10 413
E13 427
E09 411
H03
E10 413
E06 405R
E21 452
E27R
E27L
E21 451
E06 405L
E10 413
E39
E09 410
E13 426
E10 413
T3016414


E14R
E12R
E14L
E19R
E19C
E19L
E19-1006A
E12L
1047, 1436, H1
1047, 1436, H1
E14R
E03
1047
E03
E14L
E22
1436
BL-1047
SLR-1022
FS
BL
W
RIGHT

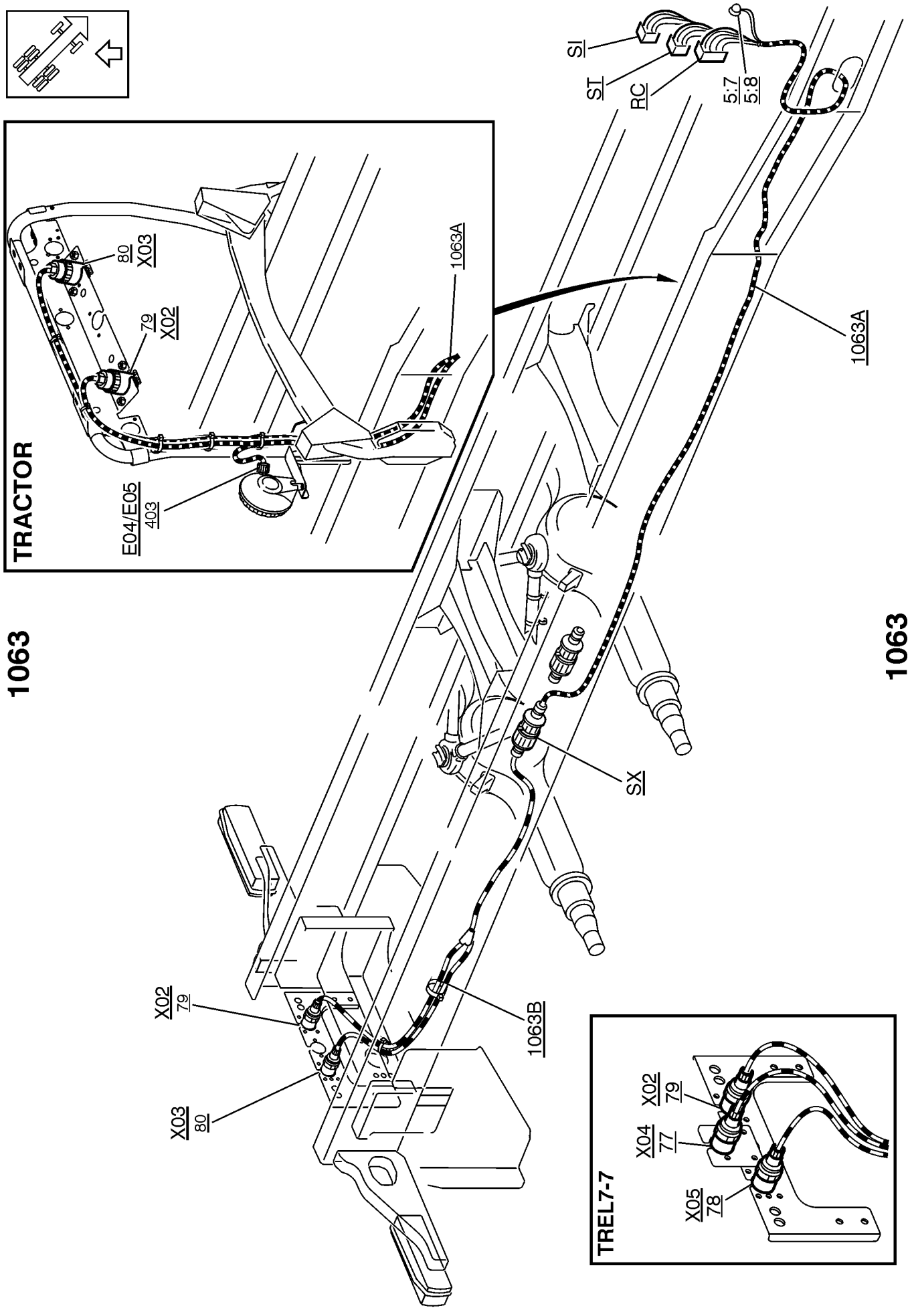

E14R
E03
E12R
E03
E14L
E19R
E19C
E19L
E12L
E19-1006A
1047, 1436, H2
1047, 1436, H2
BL
W
RIGHT
E14R
E03
1047
E03
E14L
E22
1436
BL-1047
FS
SLR-1022

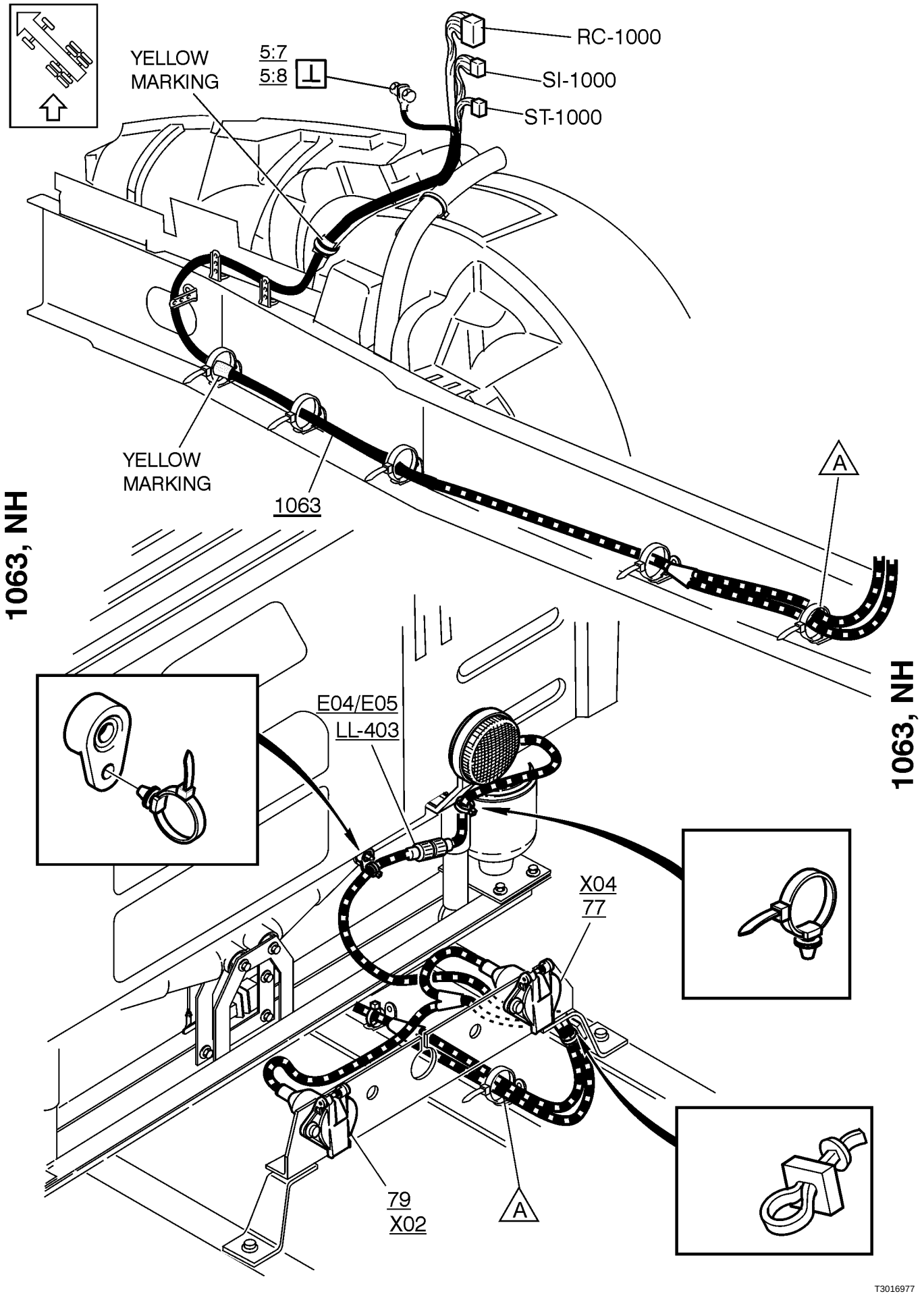
T3016406

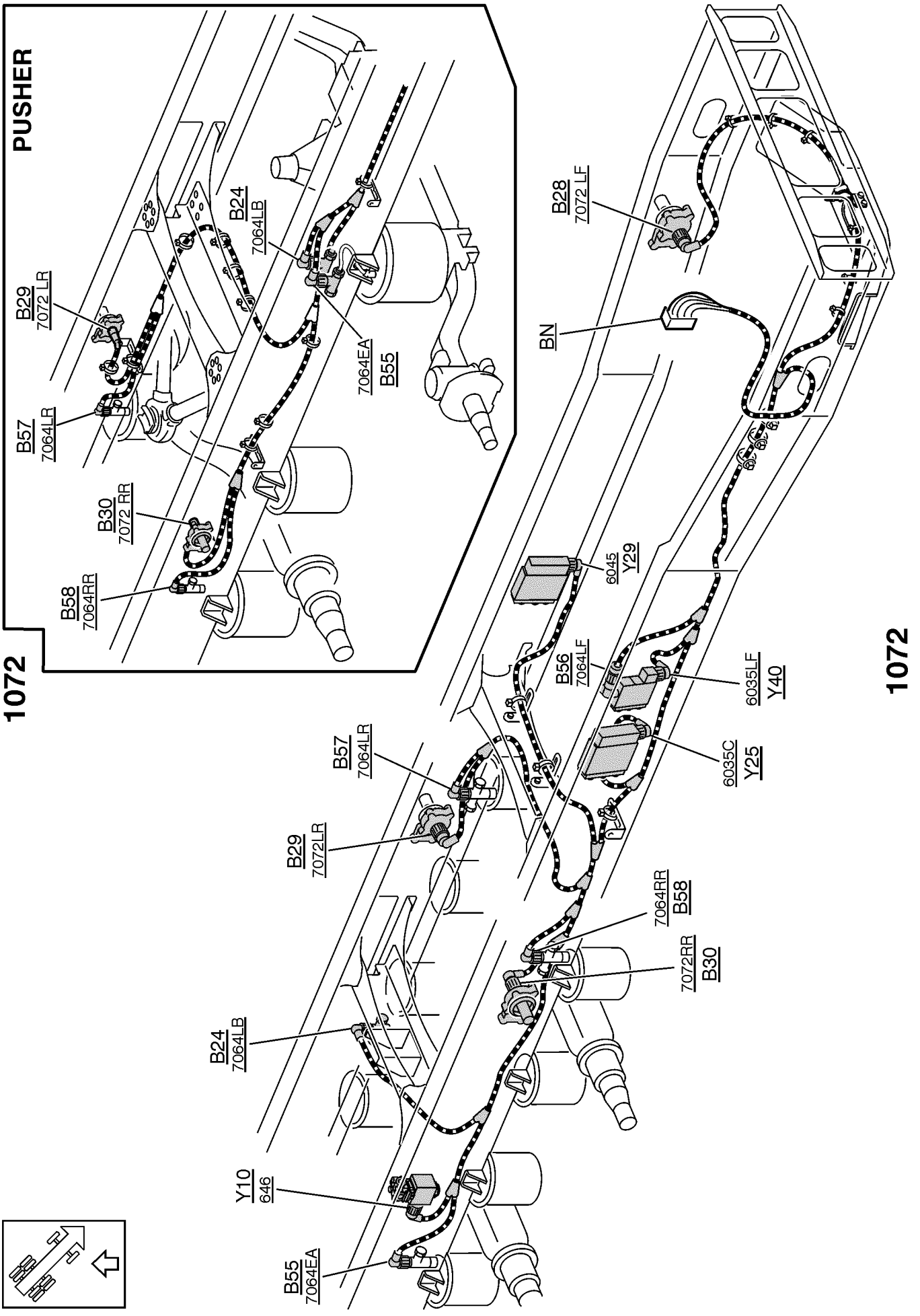

CB
1056
S71
R05
810
1056
1056
Airdry-E
CB
1056
Y51
A80 B
R18
A80 A

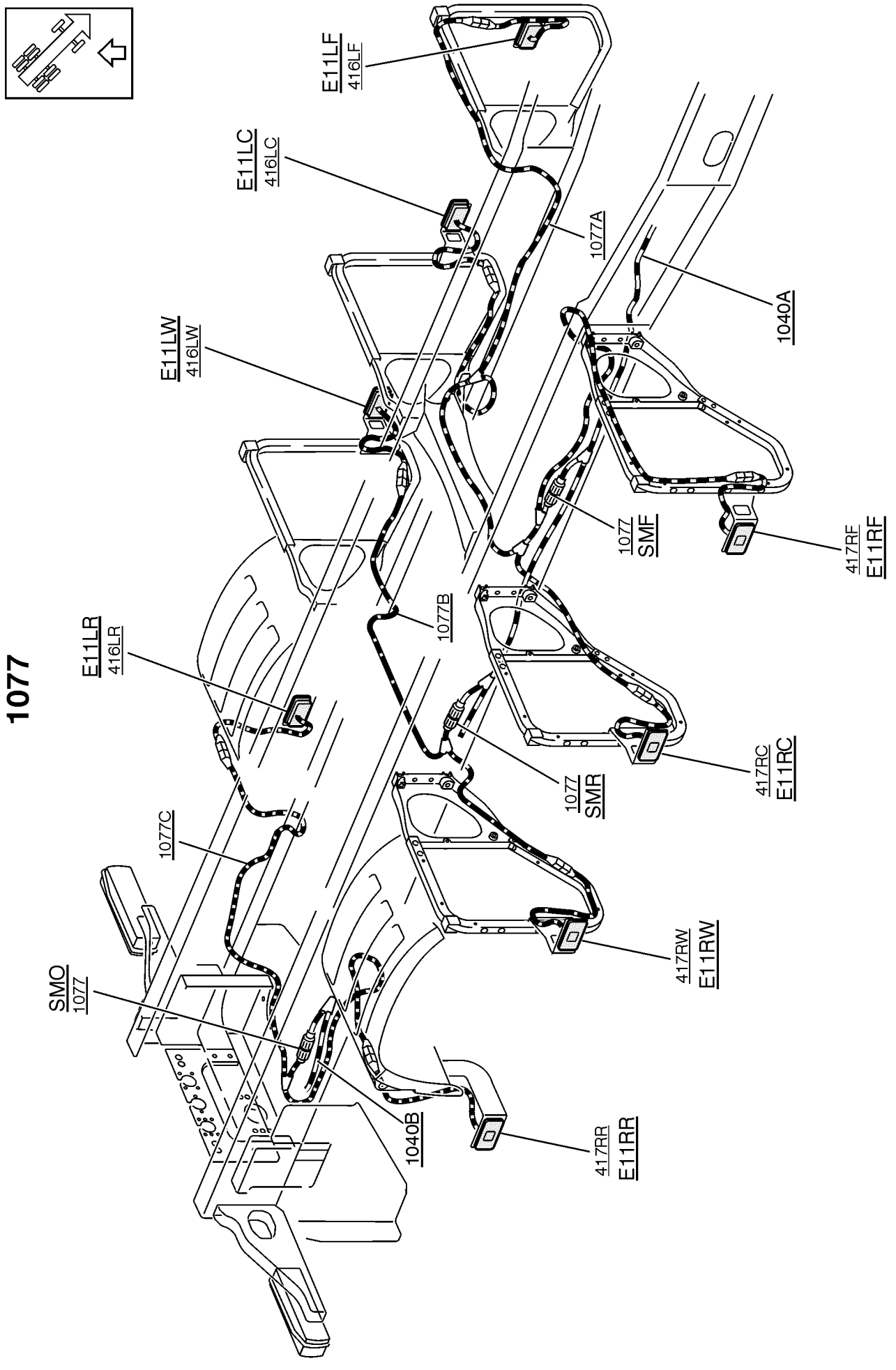

PH
1062
A32
3018
961
E28
B
A
1062
PH
1062
1062
Short Stop Heater
238
S55
M13
6055

T3016963

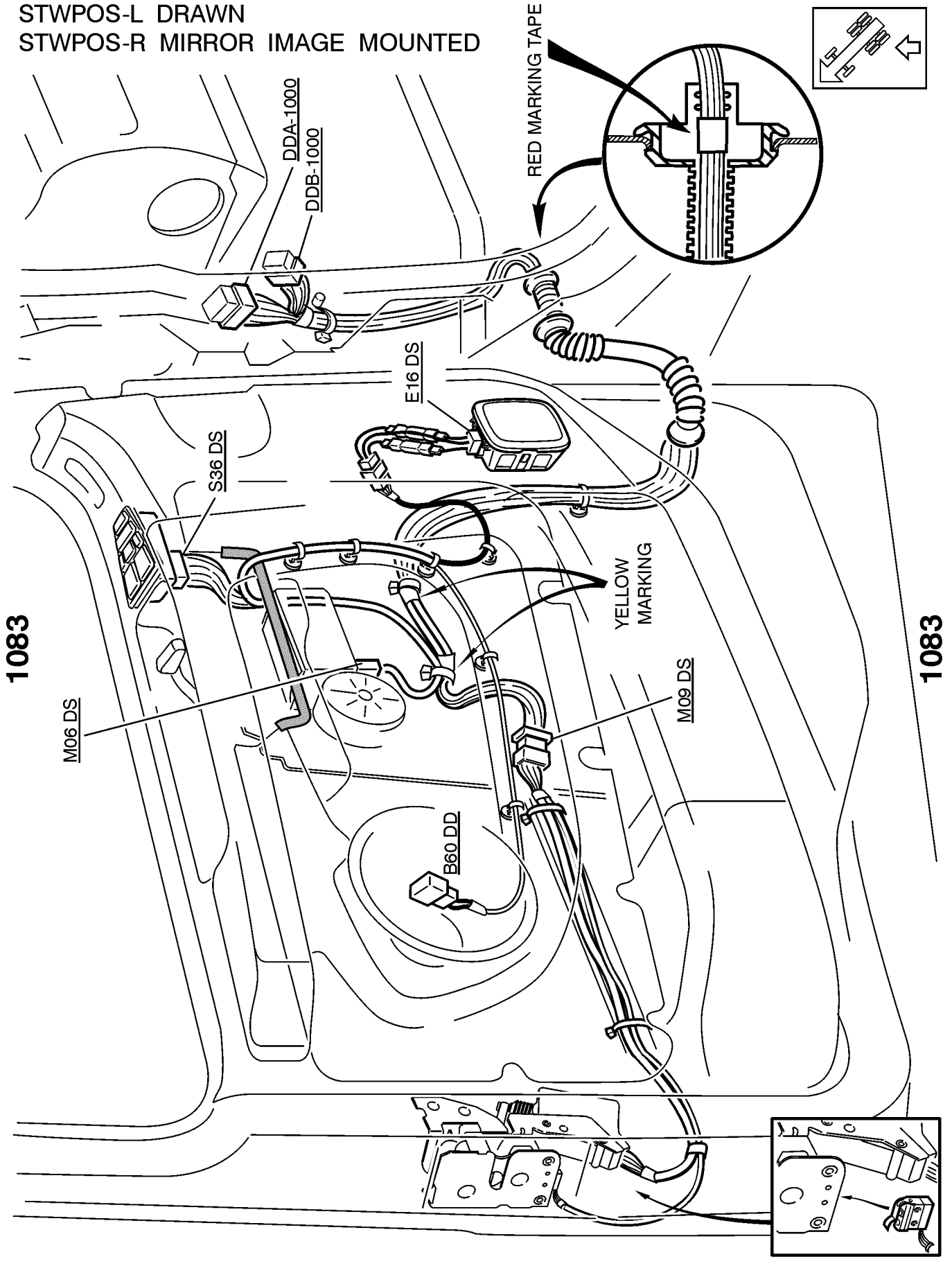

1063
TRACTOR
80
X03
79
X02
E04/E05
403
1063A
SI
ST
RC
5:7
5:8
1063A
SX
1063B
X02
79
X03
80
TREL7-7
X02
79
X04
77
X05
78
1063


YELLOW
MARKING
5:7
5:8
RC-1000
SI-1000
ST-1000
YELLOW
MARKING
1063
A
1063, NH
1063, NH
E04/E05
LL-403
X04
77
79
X02
A
T3016977

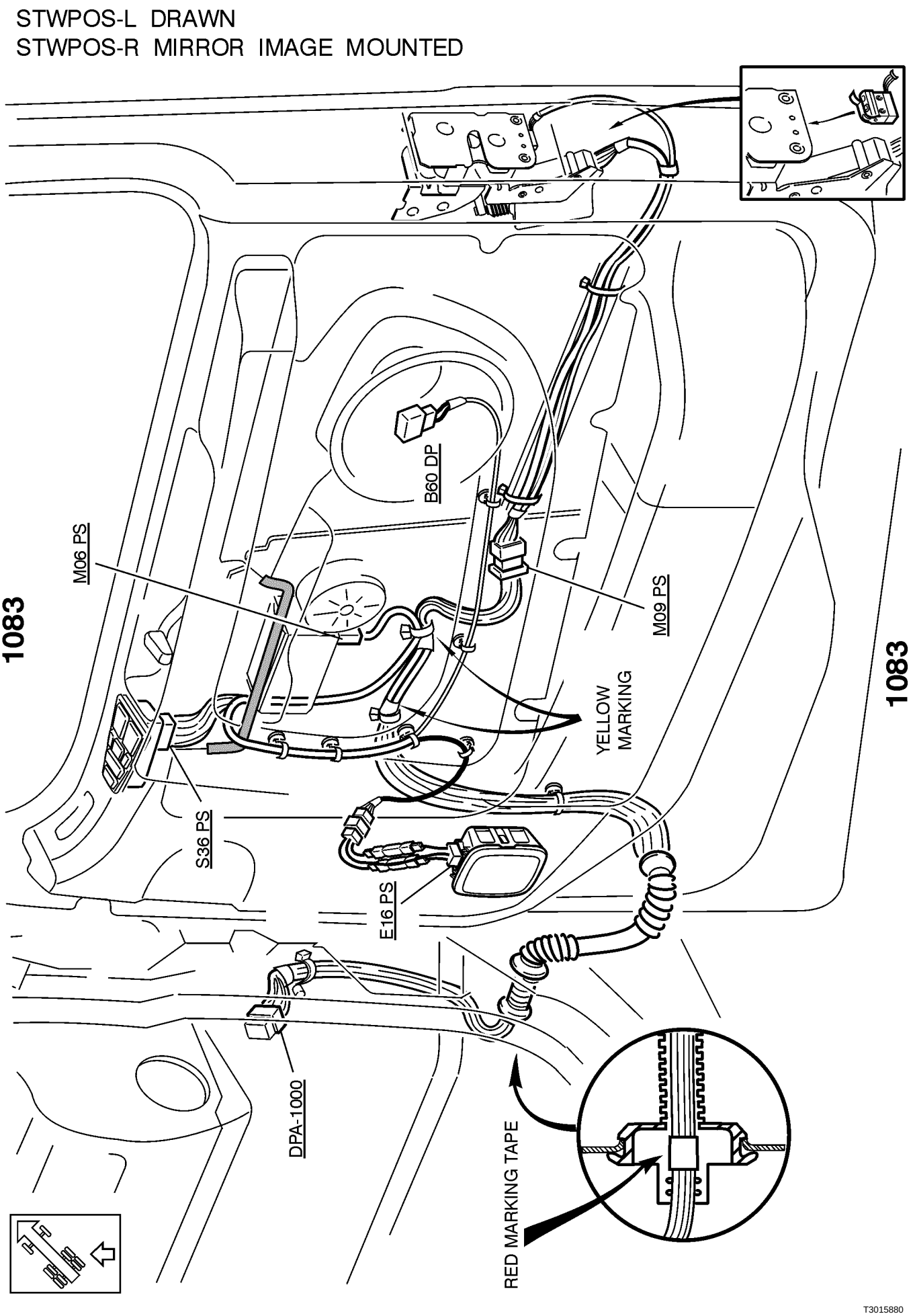

PUSHER
1072
B29 7072 LR
B57 7064LR
B30 7072 RR
B58 7064RR
B24 7064LB
7064EA
B55
B28 7072 LF
BN
6045 Y29
B56 7064LF
6035LF Y40
6035C Y25
B57 7064LR
B29 7072LR
7064RR B58
7072RR B30
B24 7064LB
Y10 646
B55 7064EA
1072

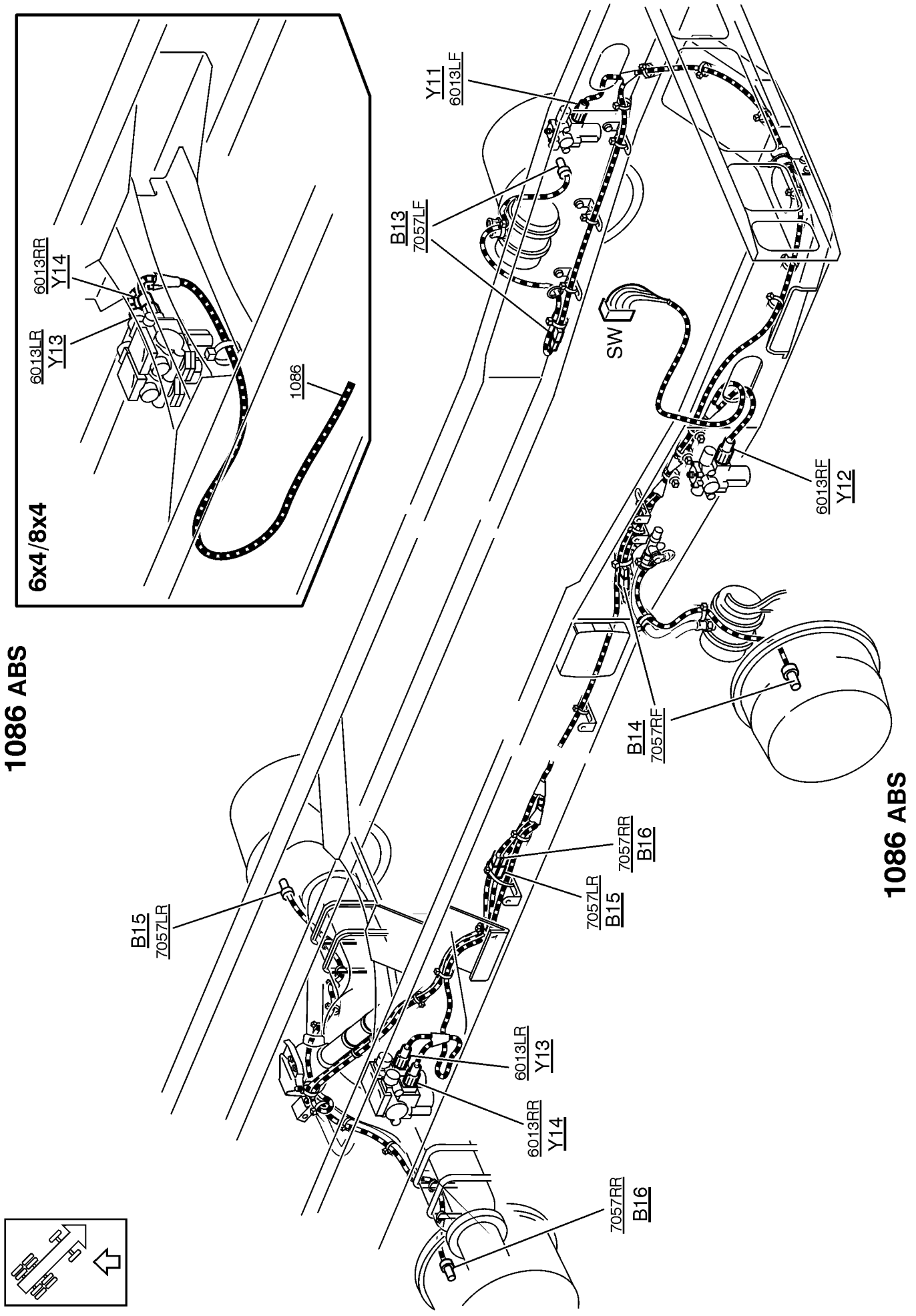

1077
E11LF
416LF
E11LC
416LC
1077A
1040A
E11LW
416LW
1077
SMF
417RF
E11RF
1077B
E11LR
416LR
1077
SMR
417RC
E11RC
1077C
417RW
E11RW
SMO
1077
1040B
417RR
E11RR
1077

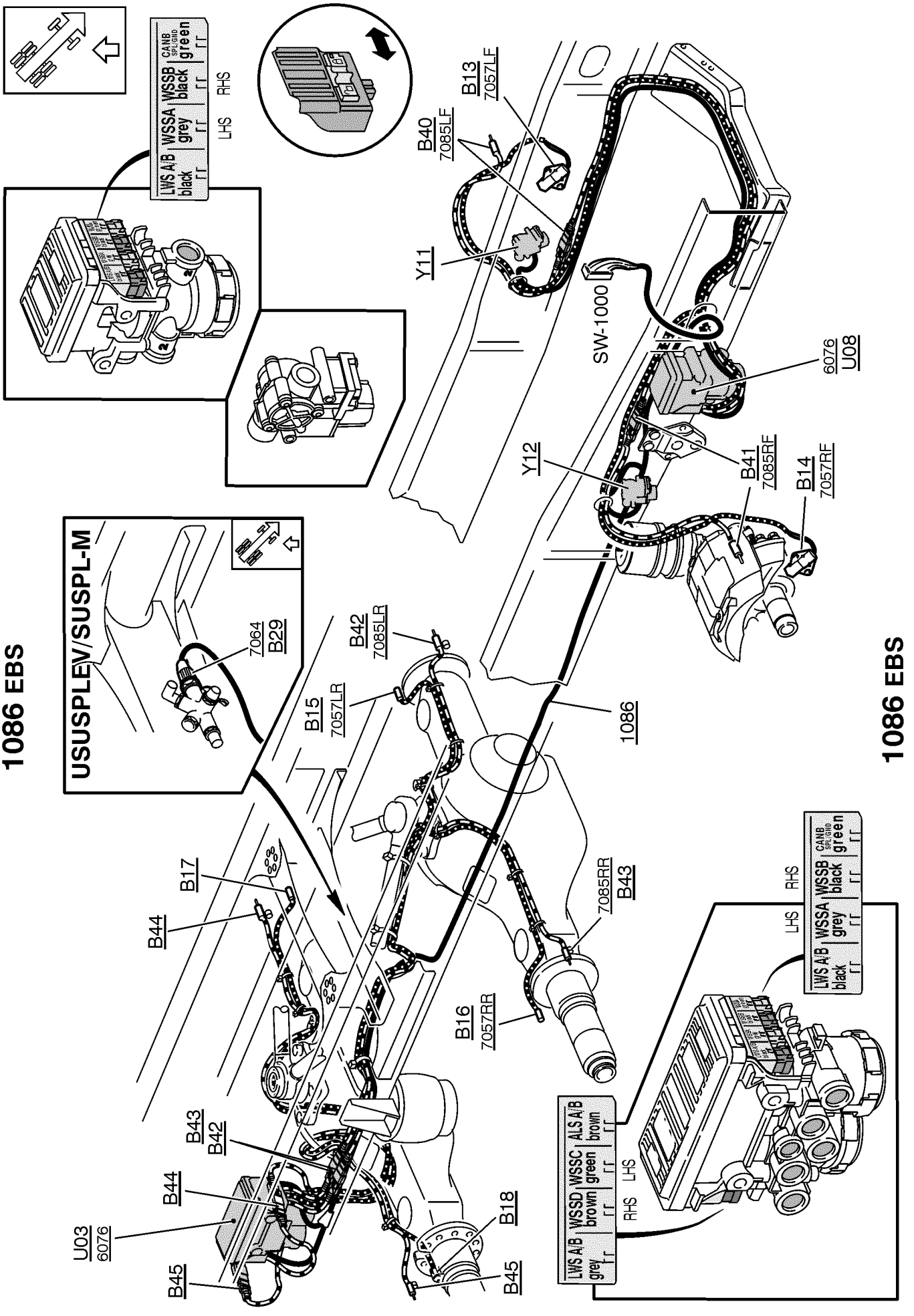
T3016409

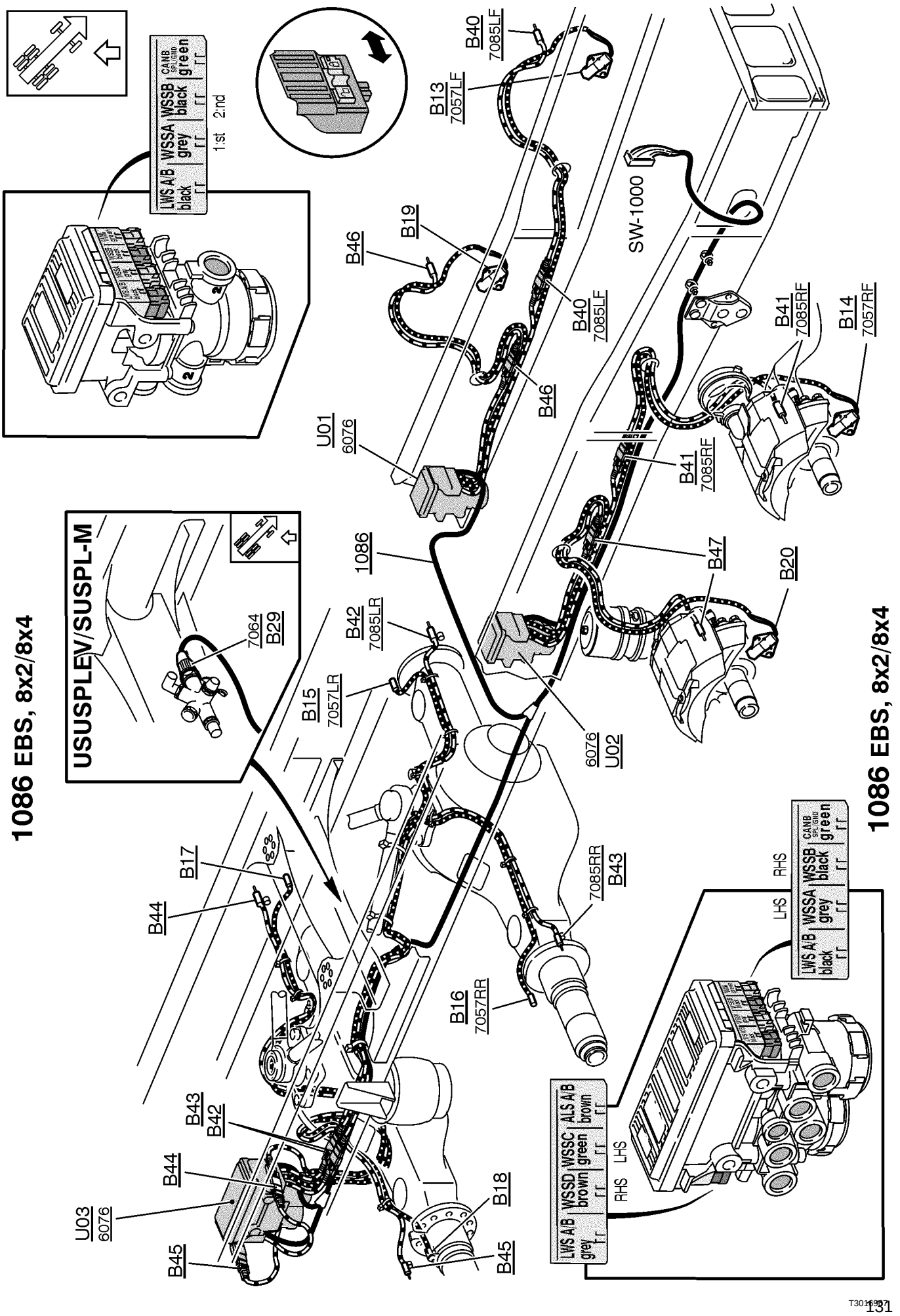

STWPOS-L DRAWN
STWPOS-R MIRROR IMAGE MOUNTED
RED MARKING TAPE
DDA-1000
DDB-1000
E16 DS
S36 DS
YELLOW MARKING
M06 DS
M09 DS
B60 DD
1083
1083

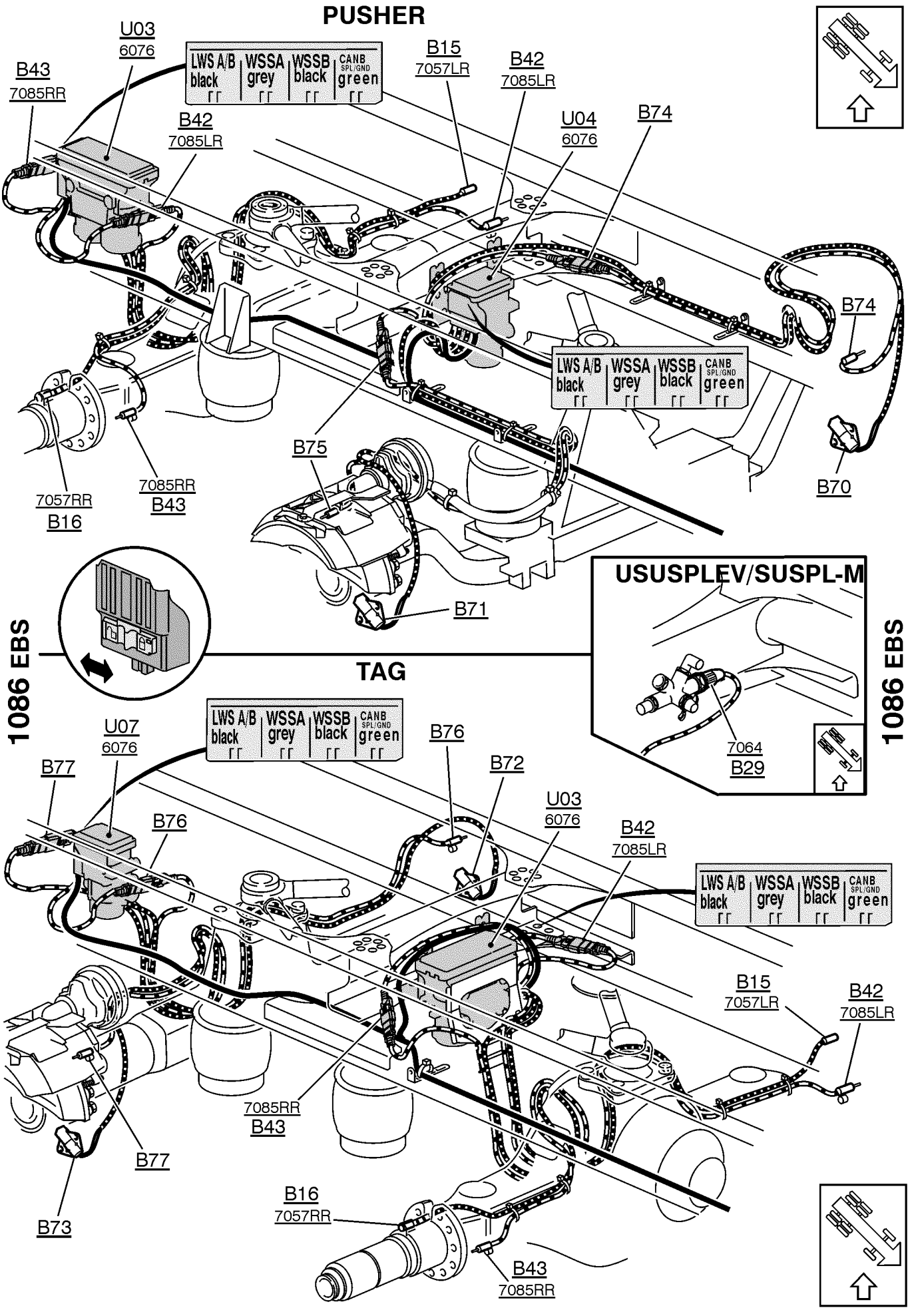
T3015879


STWPOS-L DRAWN
STWPOS-R MIRROR IMAGE MOUNTED
1083
1083
M06 PS
B60 DP
M09 PS
YELLOW MARKING
S36 PS
E16 PS
DPA-1000
RED MARKING TAPE
T3015880

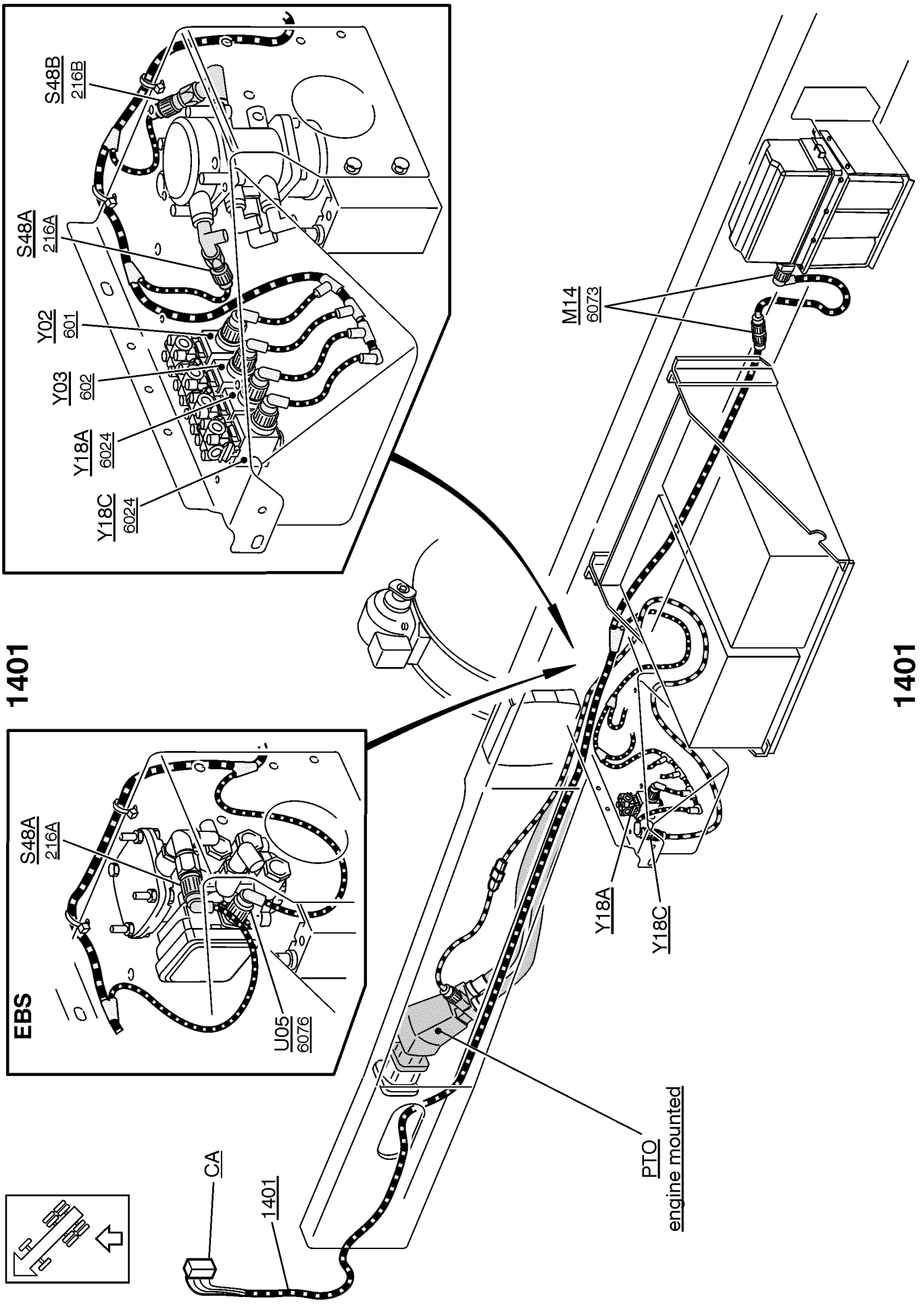

6x4/8x4
6013RR
Y14
6013LR
Y13
1086
1086 ABS
Y11
6013LF
B13
7057LF
SW
6013RF
Y12
B14
7057RF
B15
7057LR
7057RR
B16
6013LR
Y13
6013RR
Y14
7057RR
B16
1086 ABS

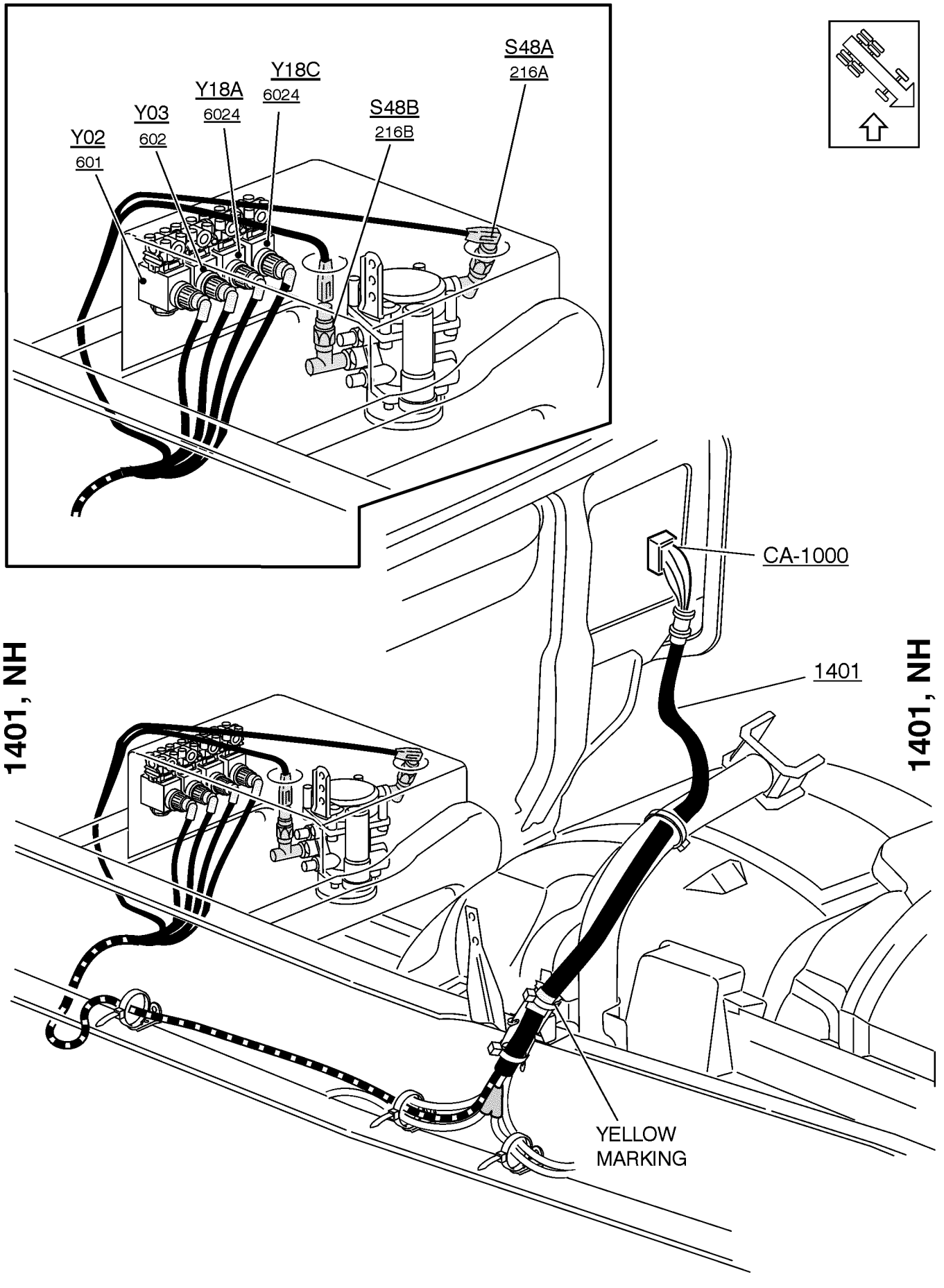

1086 EBS
1086 EBS
USUSPLEV/SUSPL-M
7064
B29
B42
7085LR
B15
7057LR
1086
B17
B44
B43
B42
B44
U03
6076
B45
B18
B45
B16
7057RR
7085RR
B43
B40
7085LF
B13
7057LF
Y11
SW-1000
6076
U08
Y12
B41
7085RF
B14
7057RF
LWS A/B
black
WSSA
grey
WSSB
black
CANB
SPL/GND
green
LHS
RHS
LWS A/B
grey
WSSD
brown
WSSC
green
ALS A/B
brown
RHS
LHS
T3016966

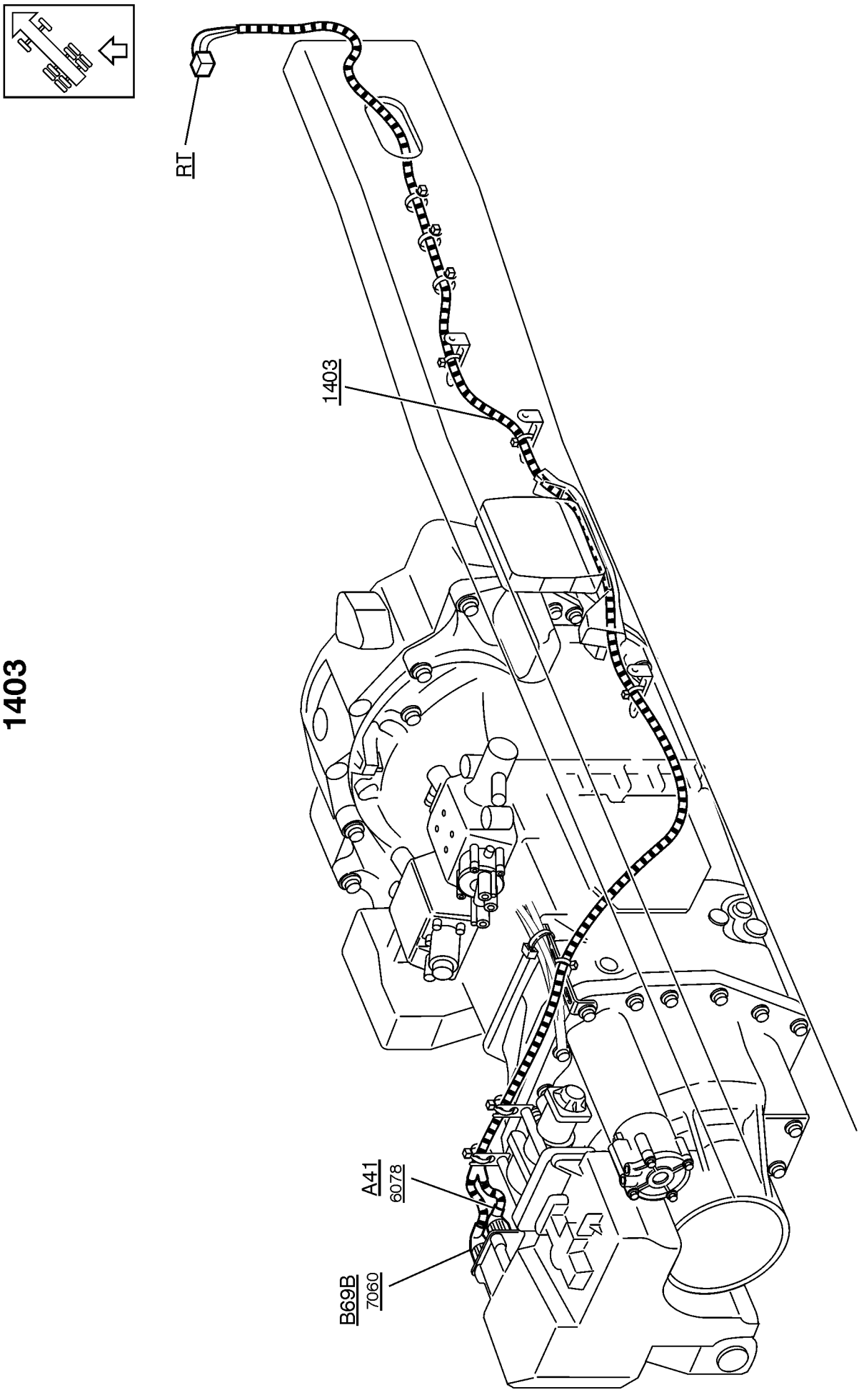

1086 EBS, 8x2/8x4
USUSPLEV/SUSPL-M
LWS A/B black
WSSA grey
WSSB black
CANB SPL/GND green
1:st 2:nd
B13 7057LF
B40 7085LF
B19
B46
SW-1000
B41 7085RF
B14 7057RF
U01 6076
1086
B47
B20
B42 7085LR
B15 7057LR
6076 U02
B17
B44
B43 7085RR
B16 7057RR
B43 B42
B44
U03 6076
B45
B18
B45
WSD brown
WSSC green
ALS A/B brown
RHS LHS
LHS RHS
7064 B29
1086 EBS, 8x2/8x4
T3016907

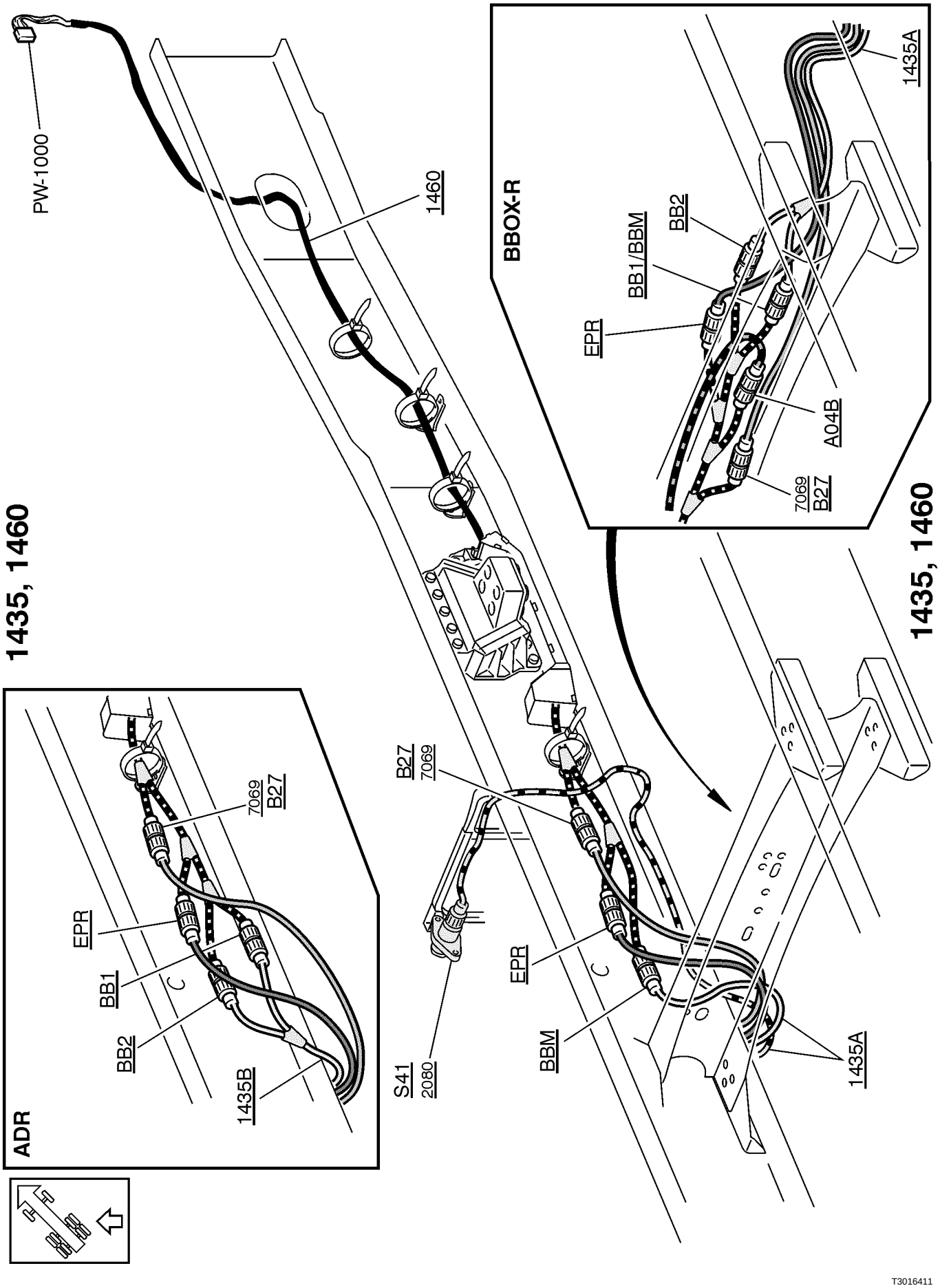

PUSHER
U03
6076
B43
7085RR
LWS A/B black
WSSA grey
WSSB black
CANB SPL/GND green
B15
7057LR
B42
7085LR
U04
6076
B74
B42
7085LR
B74
B75
B70
7057RR
B16
7085RR
B43
B71
1086 EBS
TAG
USUSPLEV/SUSPL-M
7064
B29
1086 EBS
U07
6076
B77
B76
B72
U03
6076
B42
7085LR
B76
B15
7057LR
B42
7085LR
7085RR
B43
B77
B73
B16
7057RR
B43
7085RR

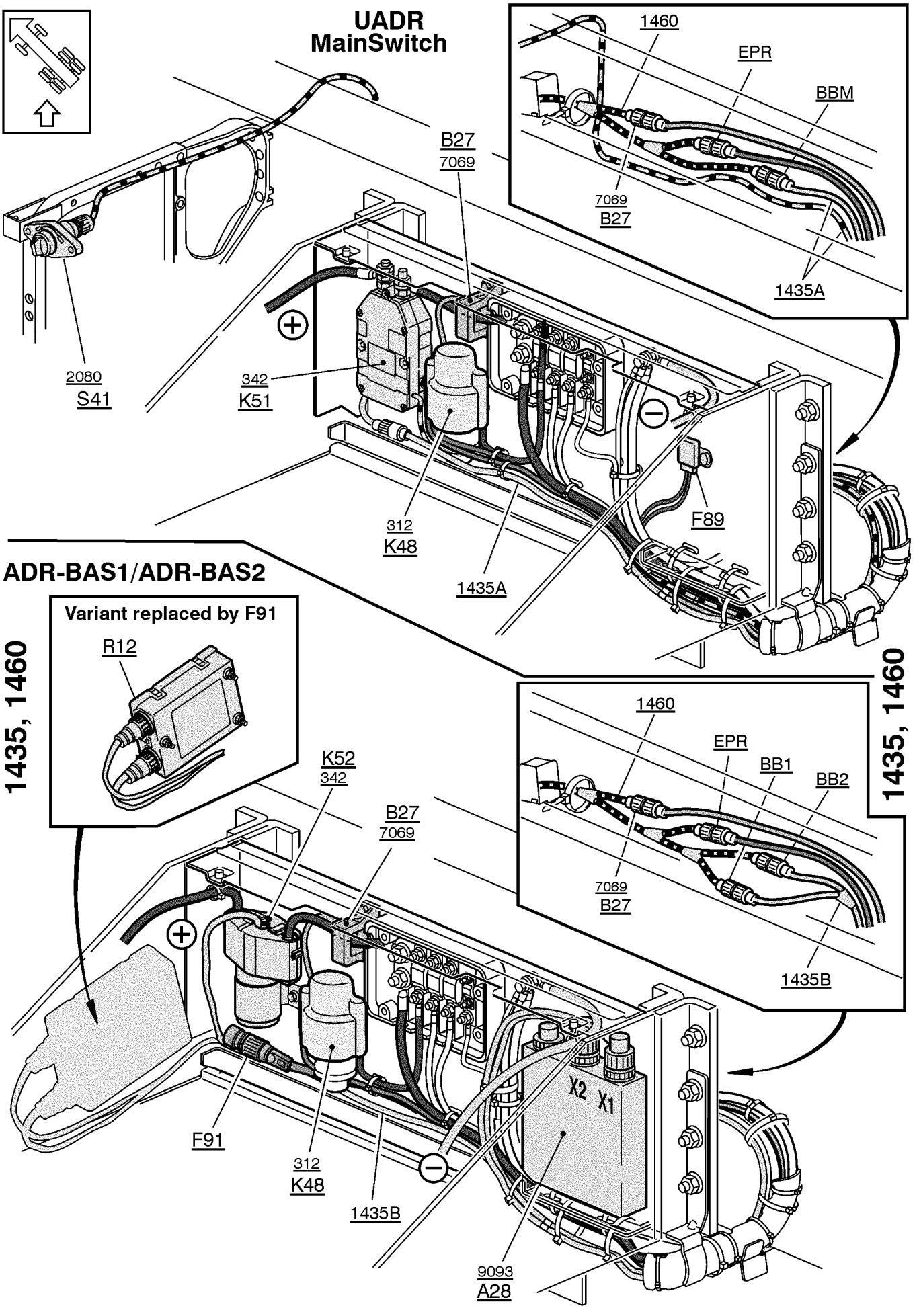
T3016968


S48B
216B
S48A
216A
Y02
601
Y03
602
Y18A
6024
Y18C
6024
EBS
S48A
216A
U05
6076
1401
1401
M14
6073
Y18A
Y18C
CA
1401
PTO
engine mounted

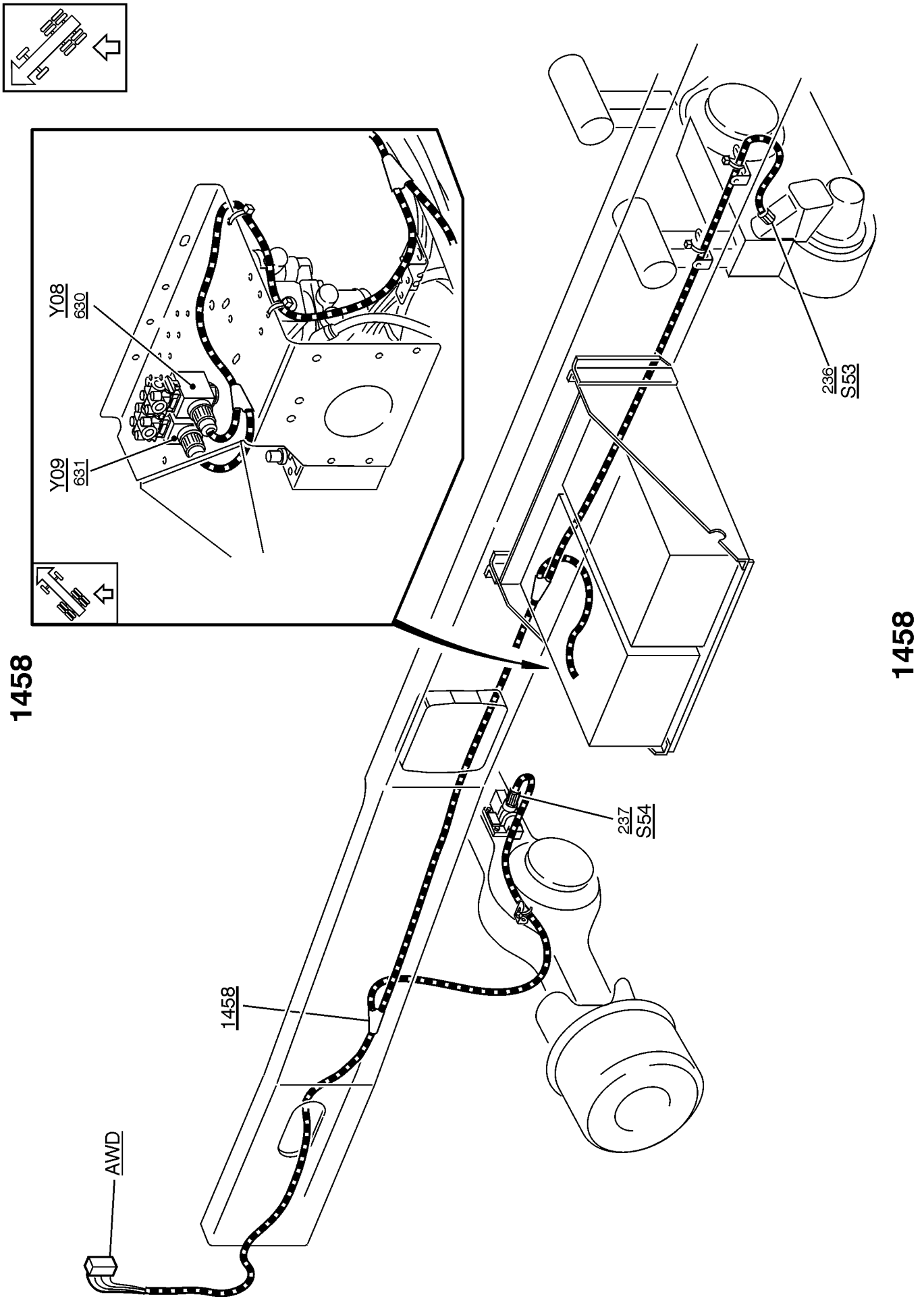

S48A
216A
Y18C
6024
Y18A
6024
S48B
216B
Y03
602
Y02
601
CA-1000
1401
1401, NH
1401, NH
YELLOW
MARKING
T3016970


RT
1403
A41
6078
B69B
7060
1403
1403

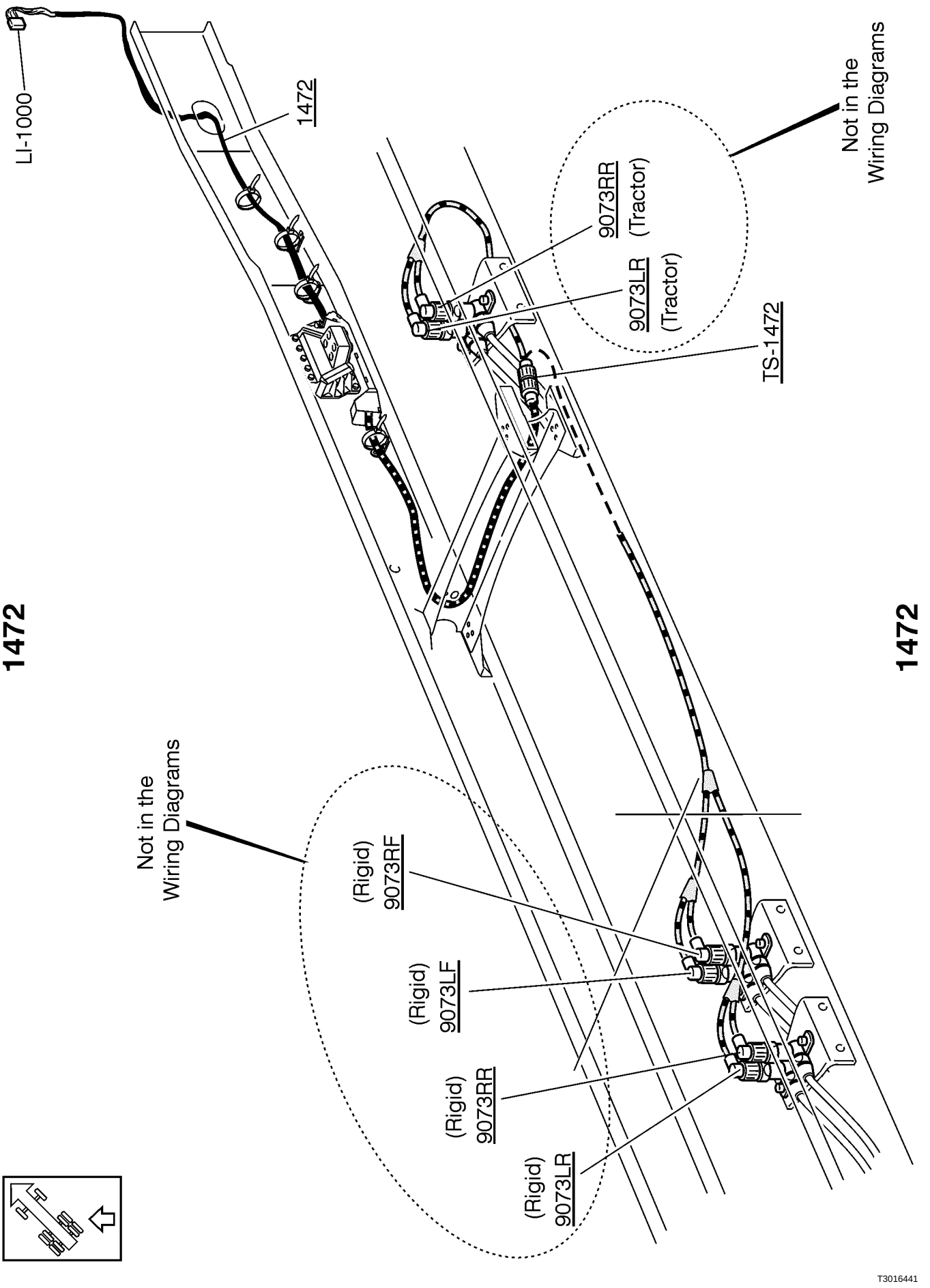

1435, 1460
PW-1000
1460
BBOX-R
1435A
BB2
BB1/BBM
EPR
A04B
7069
B27
1435, 1460
ADR
7069
B27
EPR
BB1
BB2
1435B
B27
7069
S41
2080
EPR
BBM
1435A
T3016411

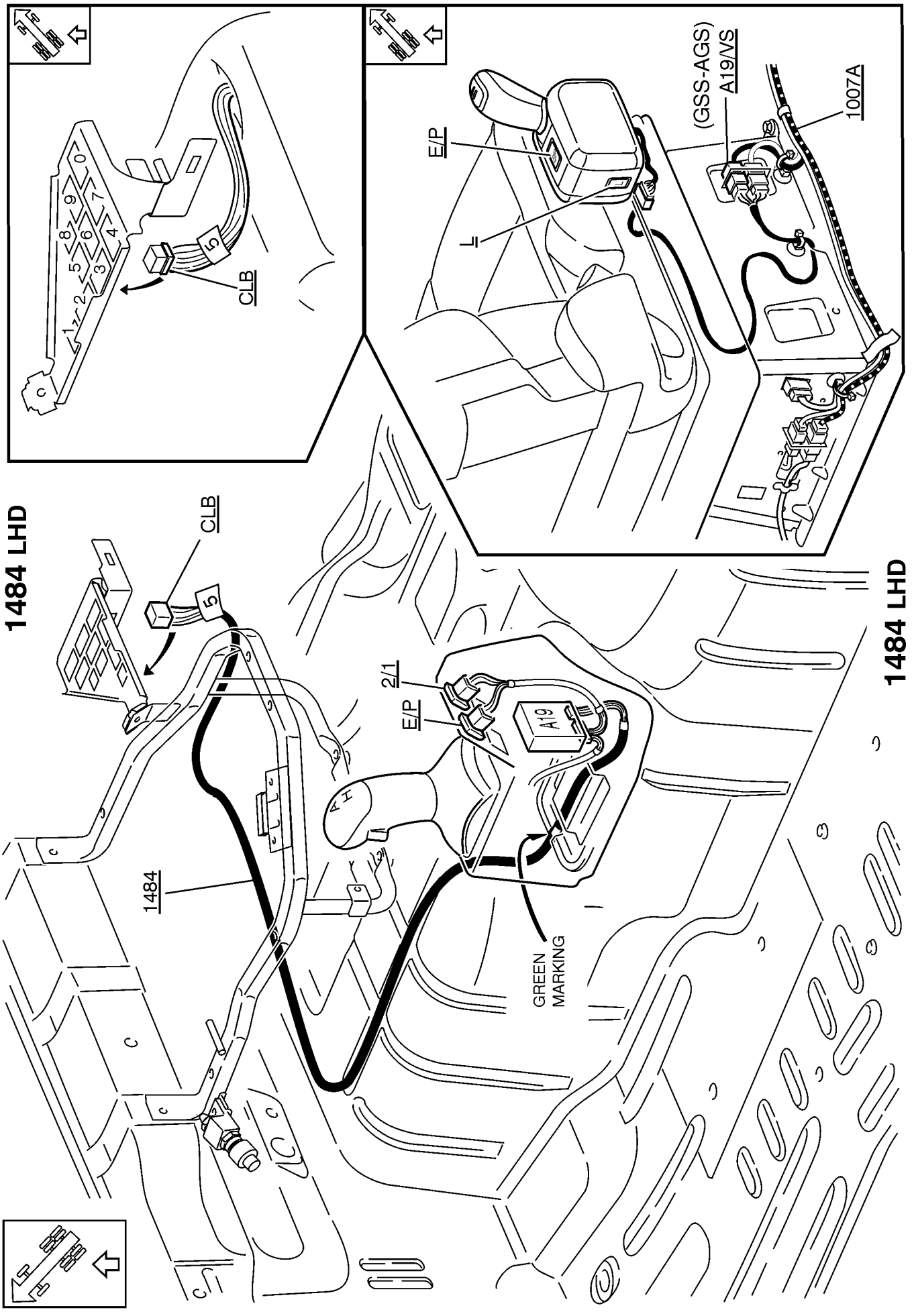

UADR
MainSwitch
1460
EPR
BBM
B27
7069
7069
B27
1435A
2080
S41
342
K51
312
K48
F89
1435A
ADR-BAS1/ADR-BAS2
Variant replaced by F91
R12
1435, 1460
1460
EPR
BB1
BB2
K52
342
B27
7069
7069
B27
1435B
1435, 1460
F91
312
K48
1435B
X2
X1
9093
A28

T3016971

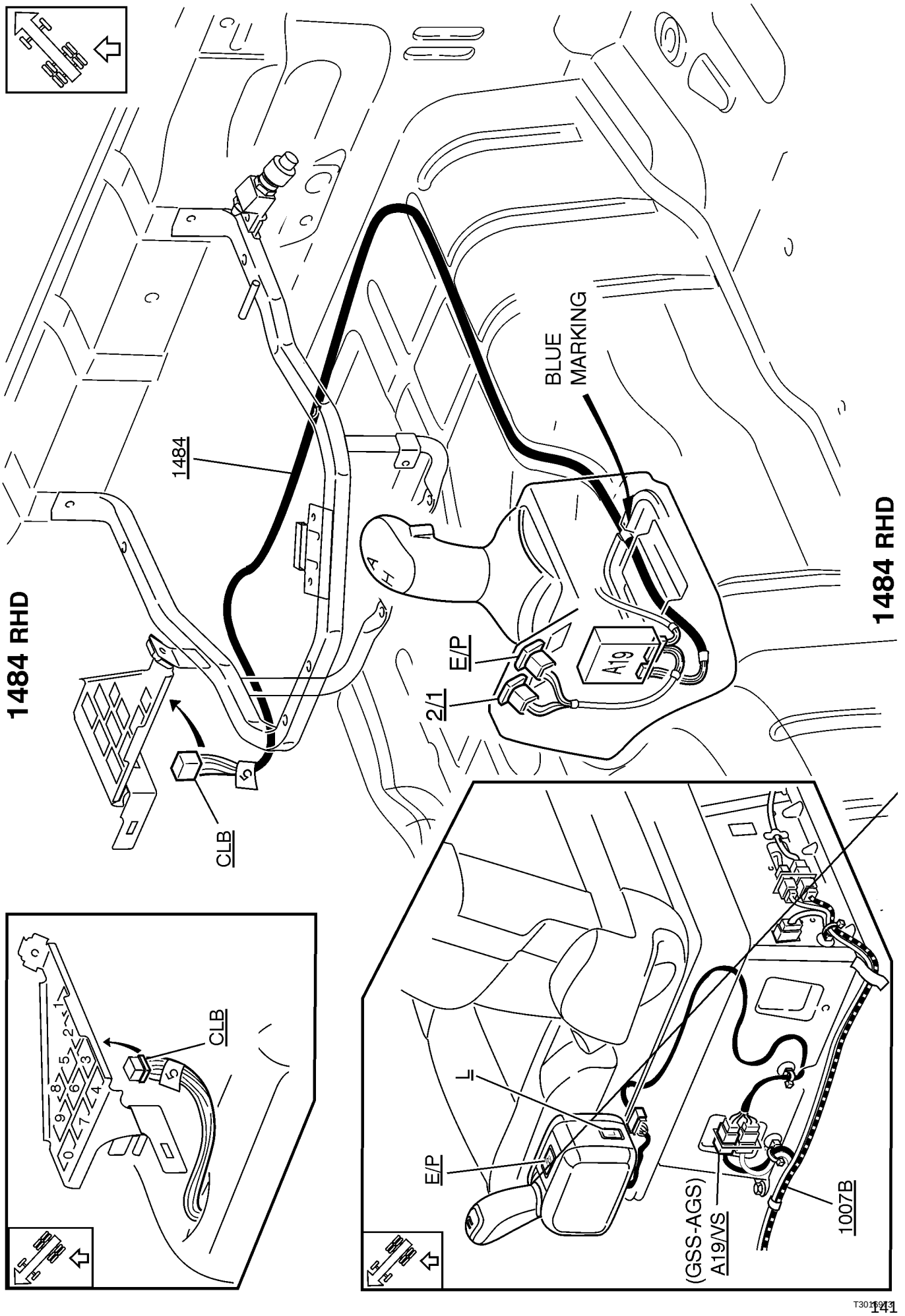


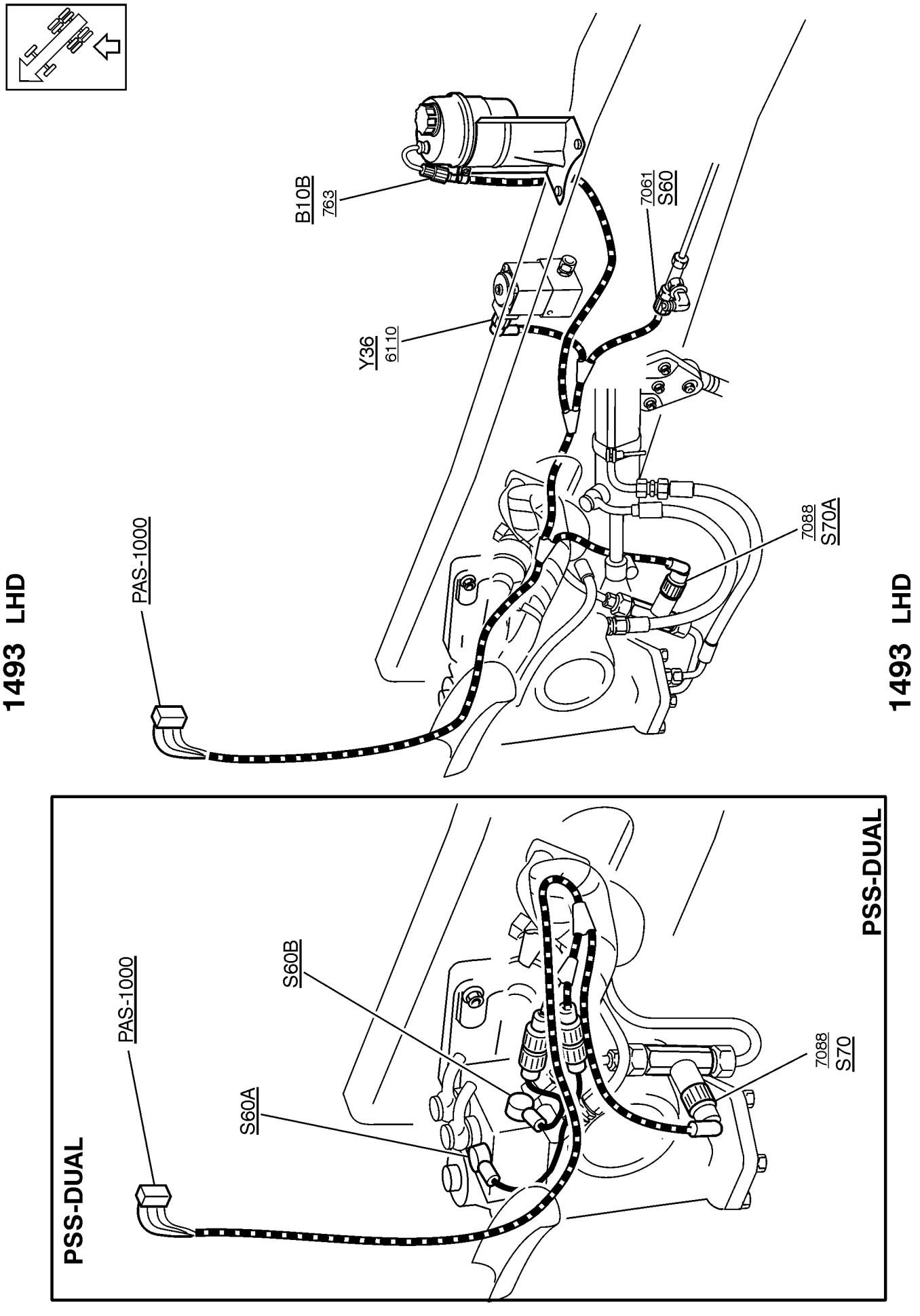
T3015890


LI-1000
1472
9073RR (Tractor)
9073LR (Tractor)
Not in the Wiring Diagrams
TS-1472
1472
Not in the Wiring Diagrams
(Rigid) 9073RF
(Rigid) 9073LF
(Rigid) 9073RR
(Rigid) 9073LR
1472
T3016441

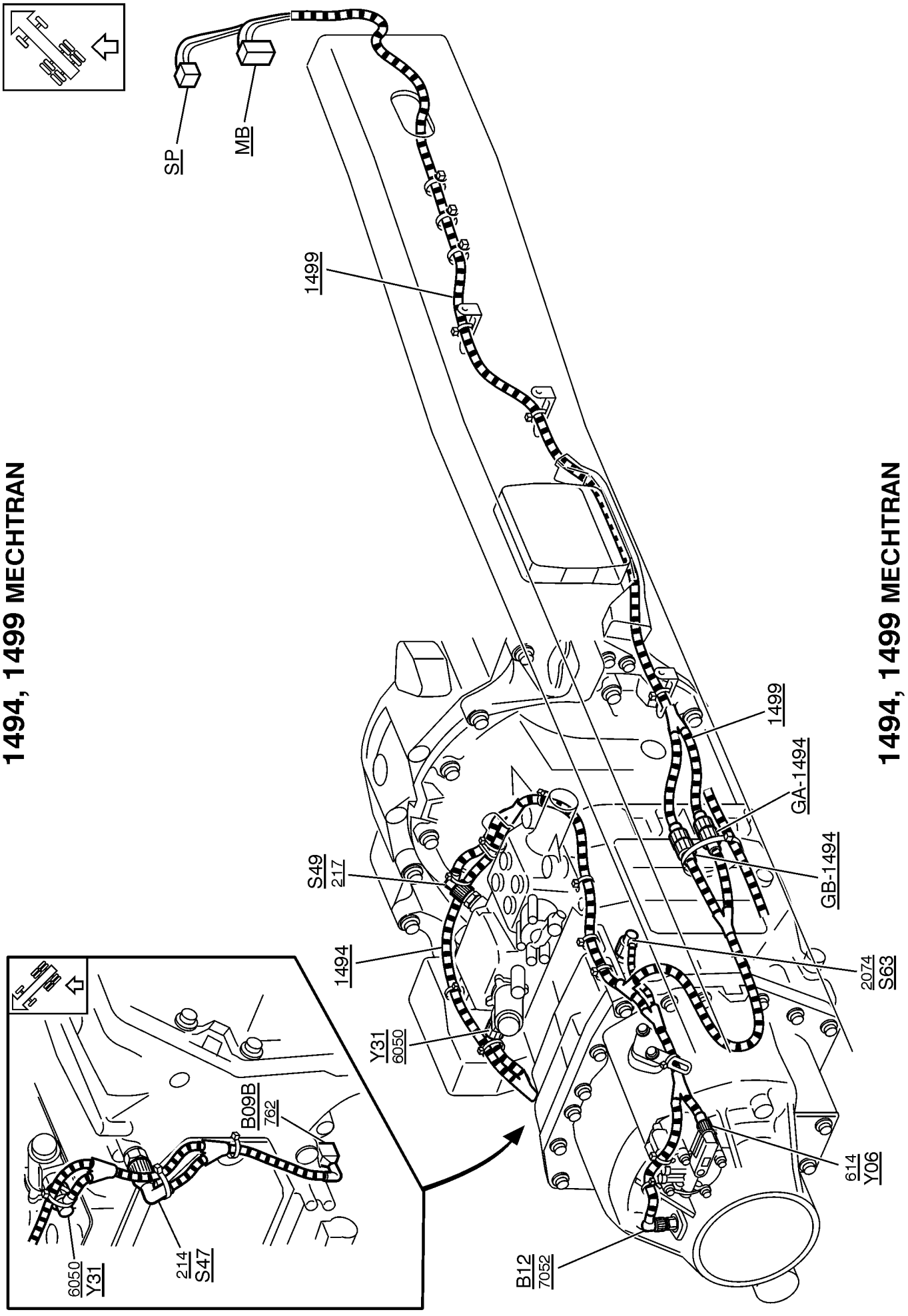

1484 LHD
CLB
5
1484
2/1
E/P
A19
GREEN MARKING
1484 LHD
CLB
1 2 3 4 5 6 7 8 9 0
E/P
L
(GSS-AGS) A19/VS
1007A

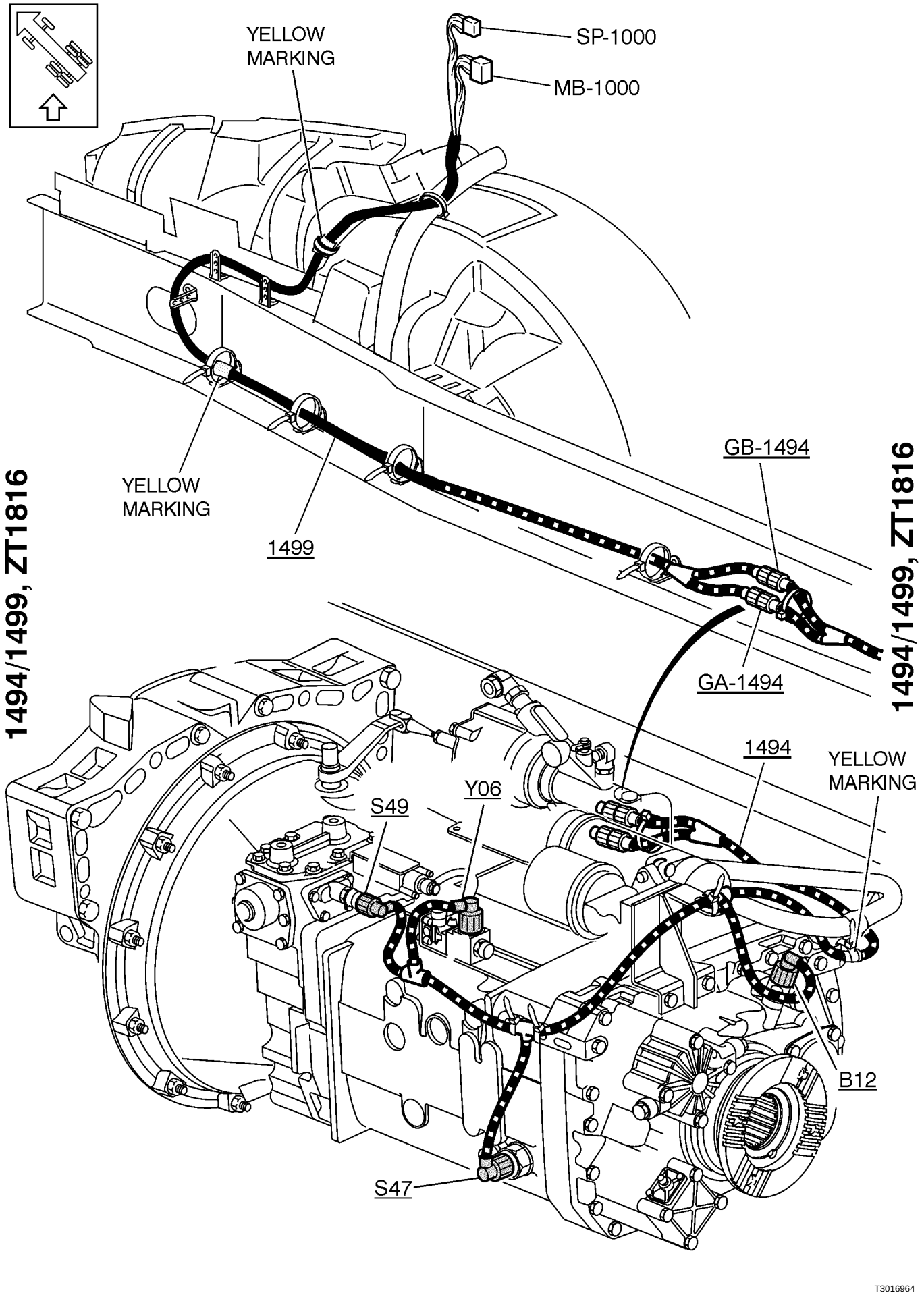
T3016972

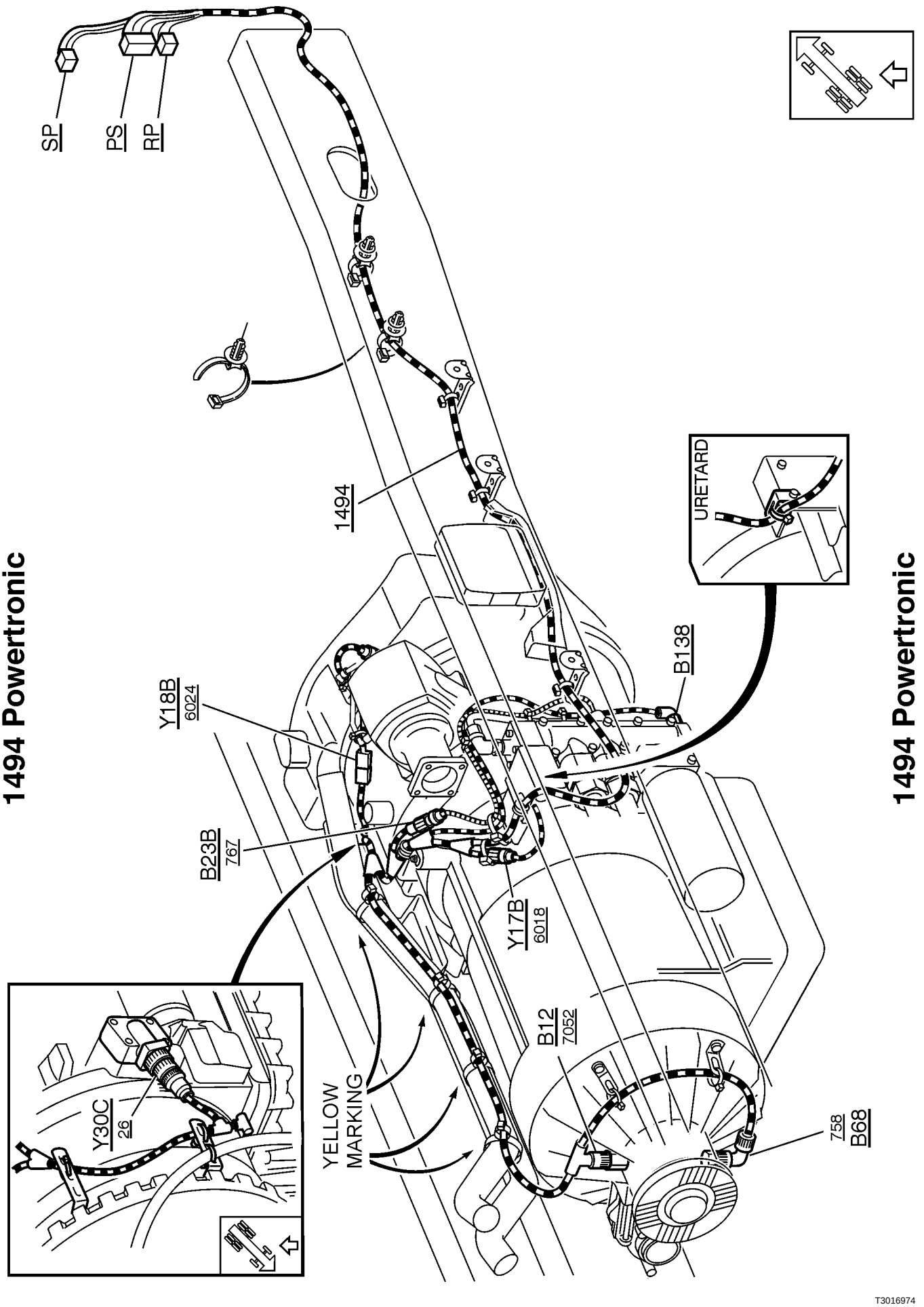

1484 RHD
1484
BLUE MARKING
CLB
E/P
2/1
A19
1484 RHD
CLB
E/P
(GSS-AGS) A19/VS
1007B

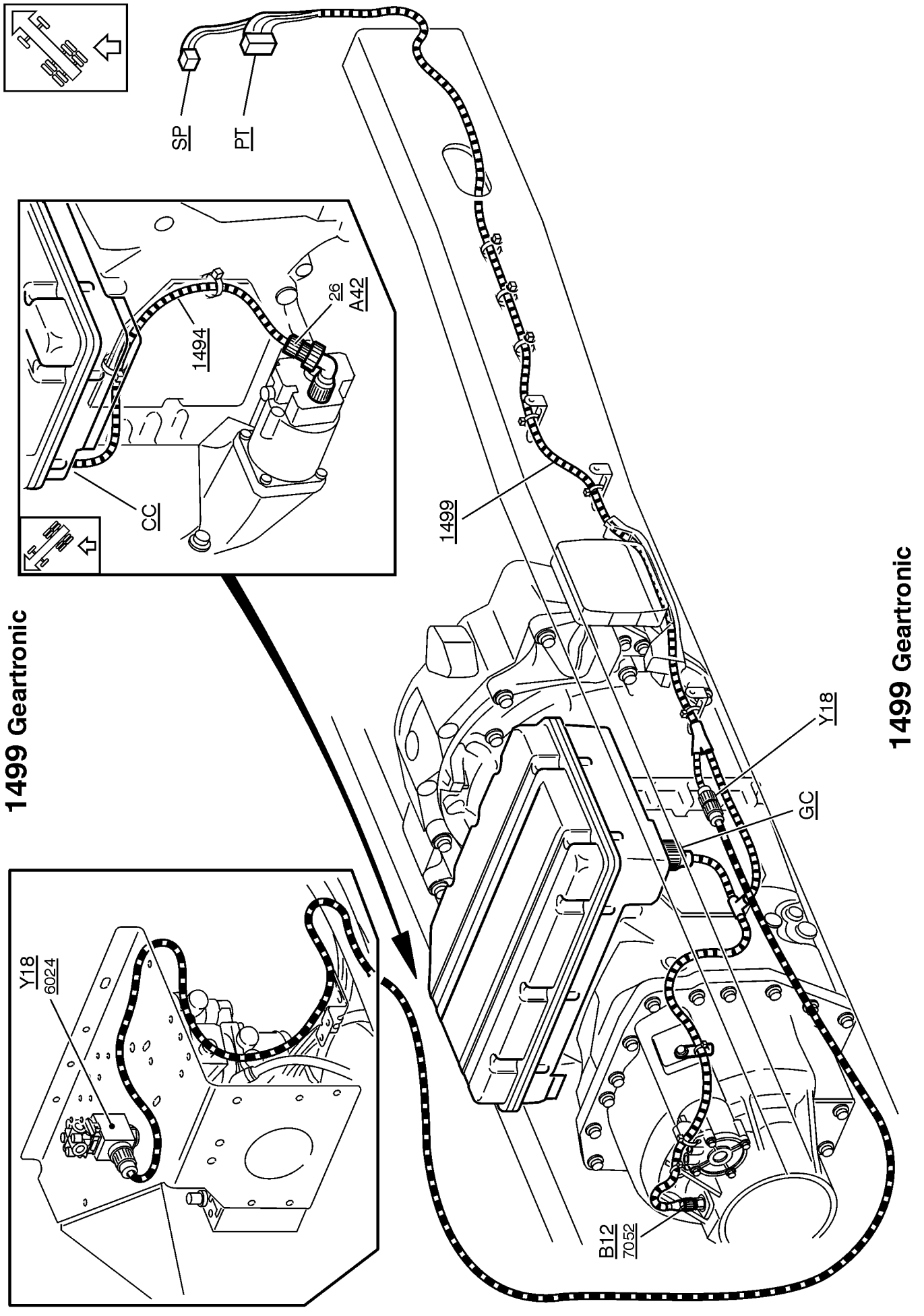

1493 LHD
B10B
763
7061
S60
Y36
6110
PAS-1000
7088
S70A
1493 LHD
PSS-DUAL
PAS-1000
S60B
S60A
7088
S70
PSS-DUAL

T3016442

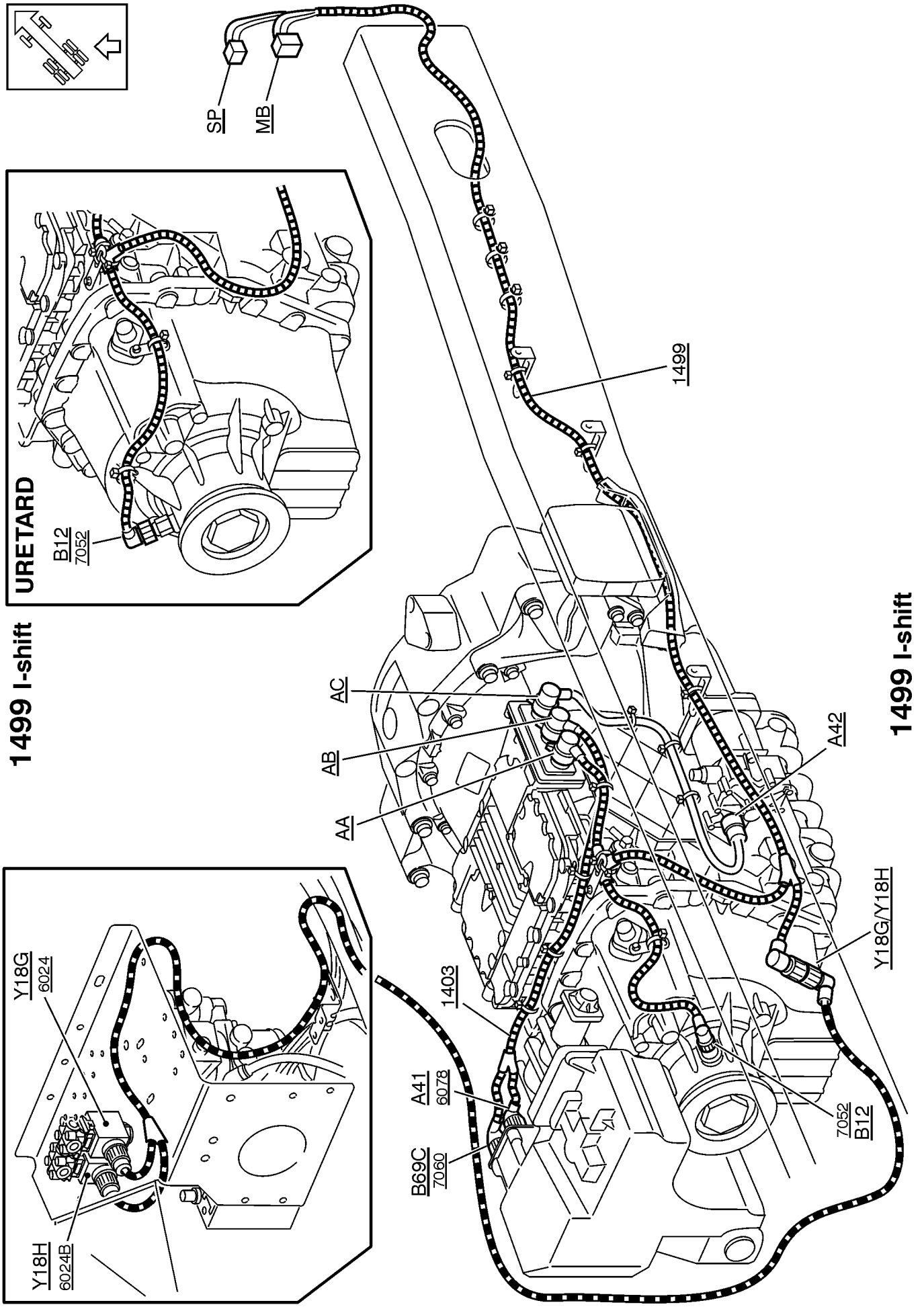

1494, 1499 MECHTRAN
SP
MB
1499
S49
217
1494
Y31
6050
B09B
762
6050
Y31
214
S47
1499
GA-1494
GB-1494
2074
S63
614
Y06
B12
7052
1494, 1499 MECHTRAN

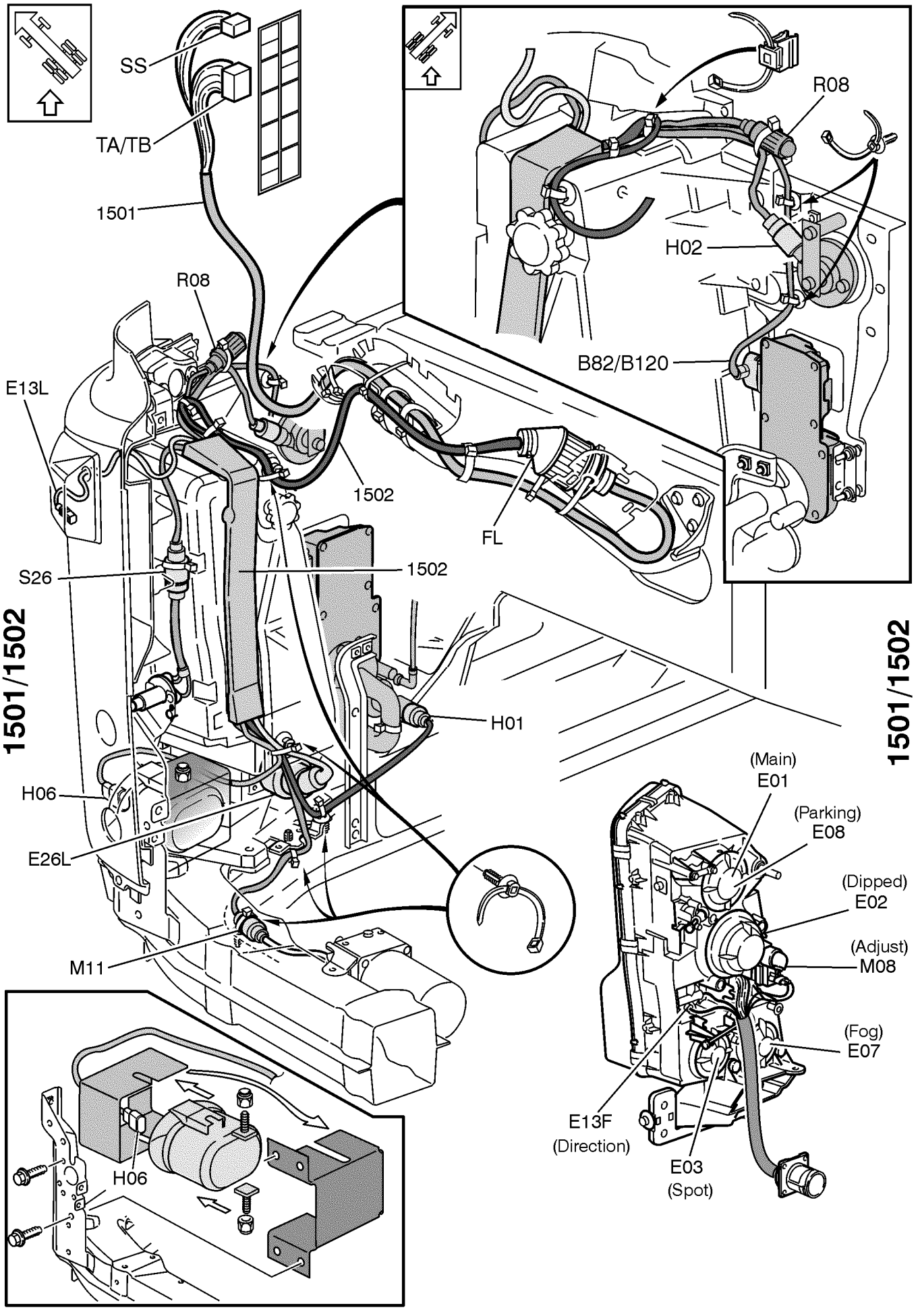

YELLOW
MARKING
SP-1000
MB-1000
YELLOW
MARKING
1499
GB-1494
GA-1494
1494/1499, ZT1816
1494/1499, ZT1816
1494
YELLOW
MARKING
Y06
S49
B12
S47
T3016964


1494 Powertronic
SP
PS
RP
1494
URETARD
B138
Y18B
6024
B23B
767
Y17B
6018
B12
7052
758
B68
YELLOW
MARKING
Y30C
26
1494 Powertronic
T3016974

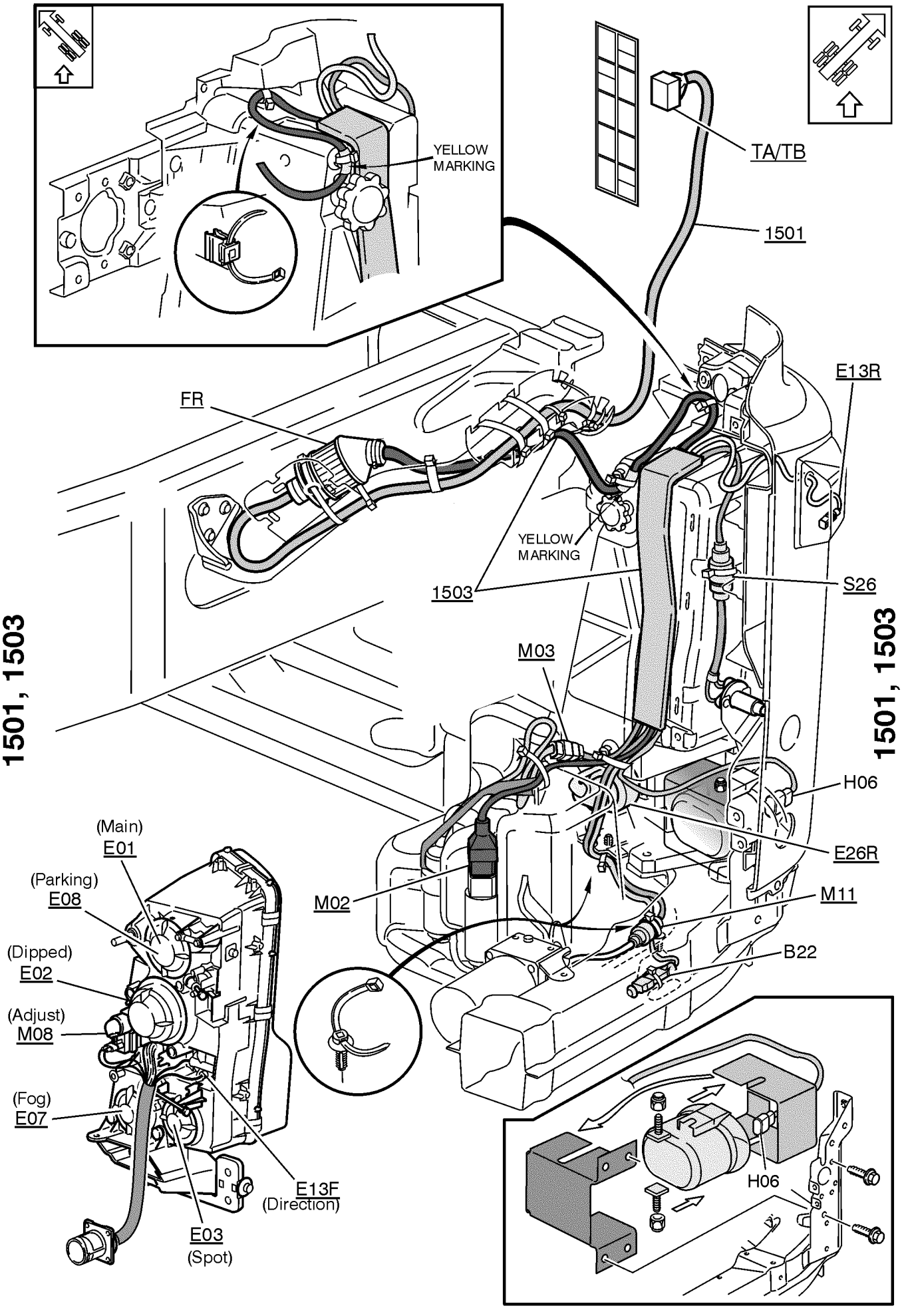

1499 Geartronic
SP
PT
1494
26
A42
CC
1499
Y18
GC
B12
7052
Y18
6024
1499 Geartronic

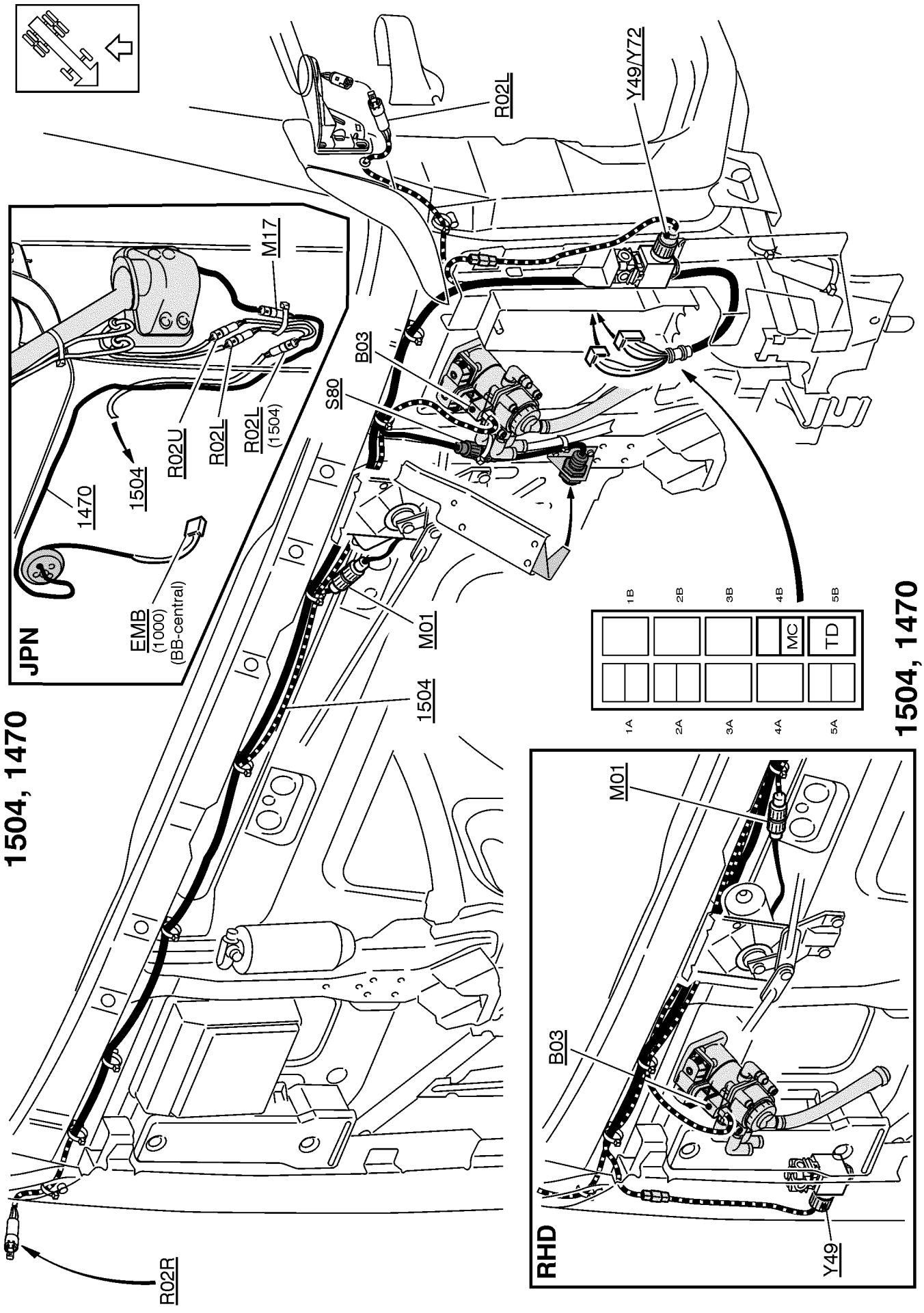
T3015896

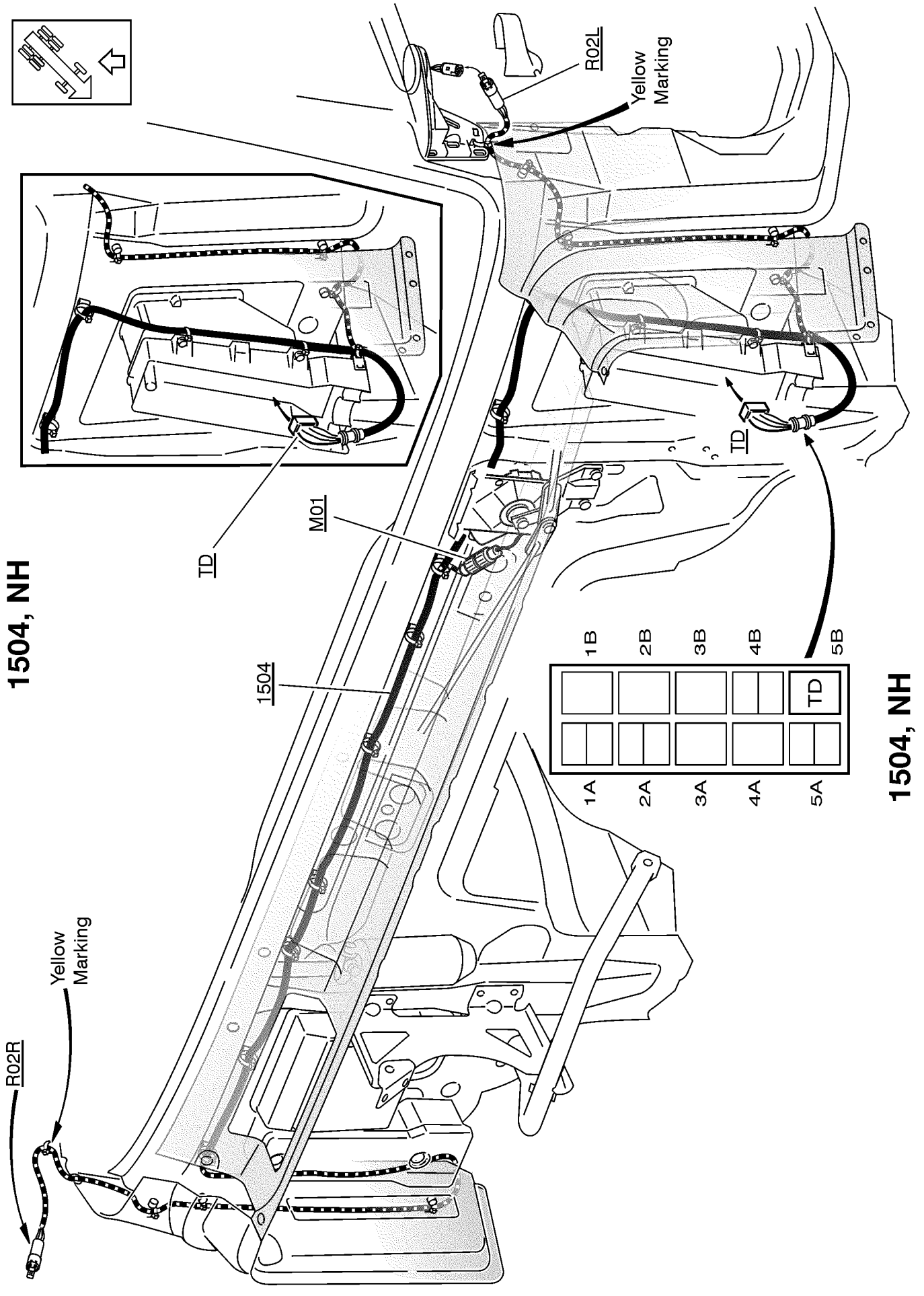

1499 I-shift
URETARD
B12
7052
SP
MB
1499
AC
AB
AA
A42
1499 I-shift
Y18G/Y18H
1403
A41
6078
B69C
7060
7052
B12
Y18G
6024
Y18H
6024B

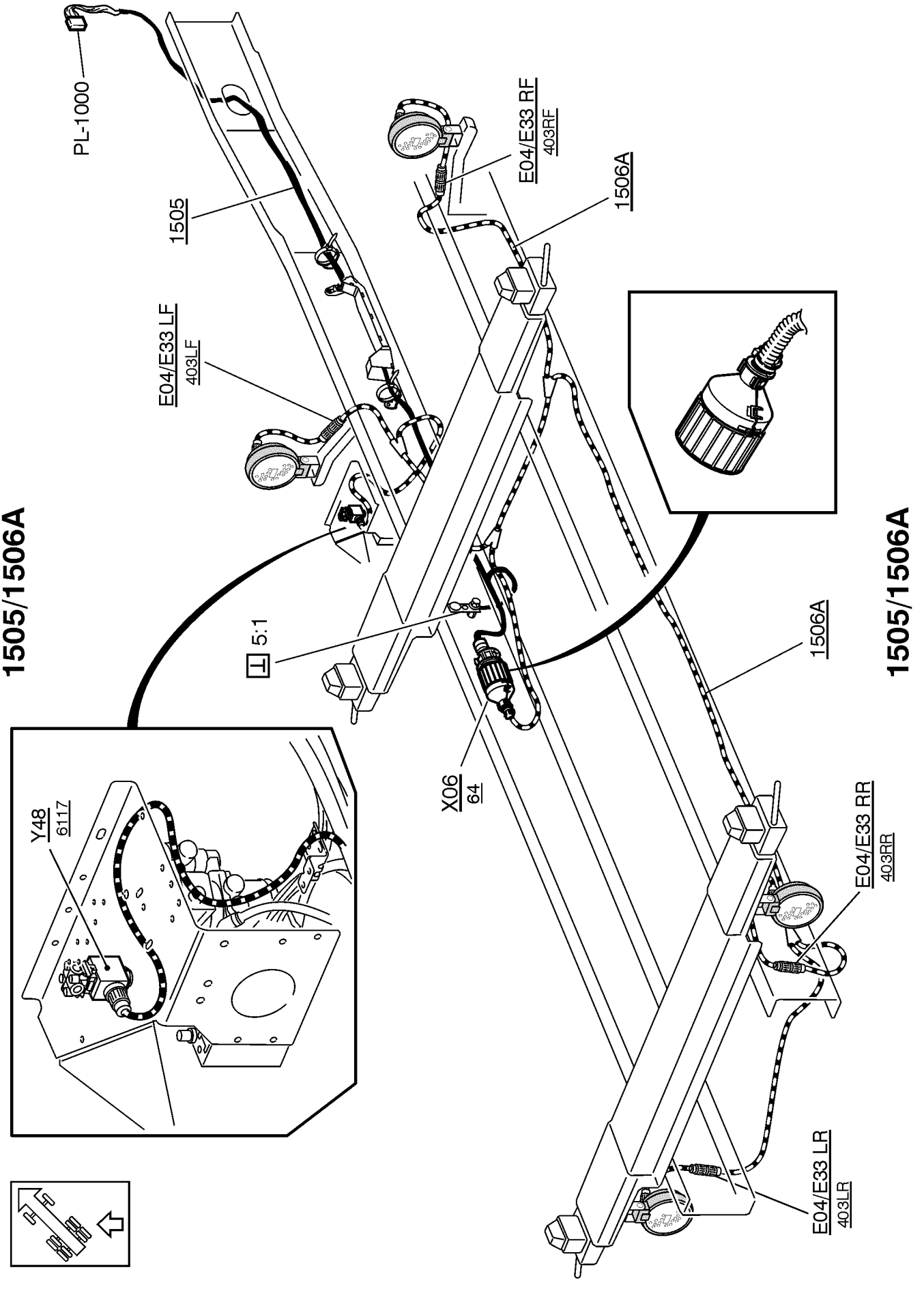

SS
TA/TB
1501
R08
H02
B82/B120
R08
E13L
1502
FL
S26
1502
1501/1502
1501/1502
H01
H06
E26L
M11
(Main)
E01
(Parking)
E08
(Dipped)
E02
(Adjust)
M08
(Fog)
E07
E13F
(Direction)
E03
(Spot)
H06

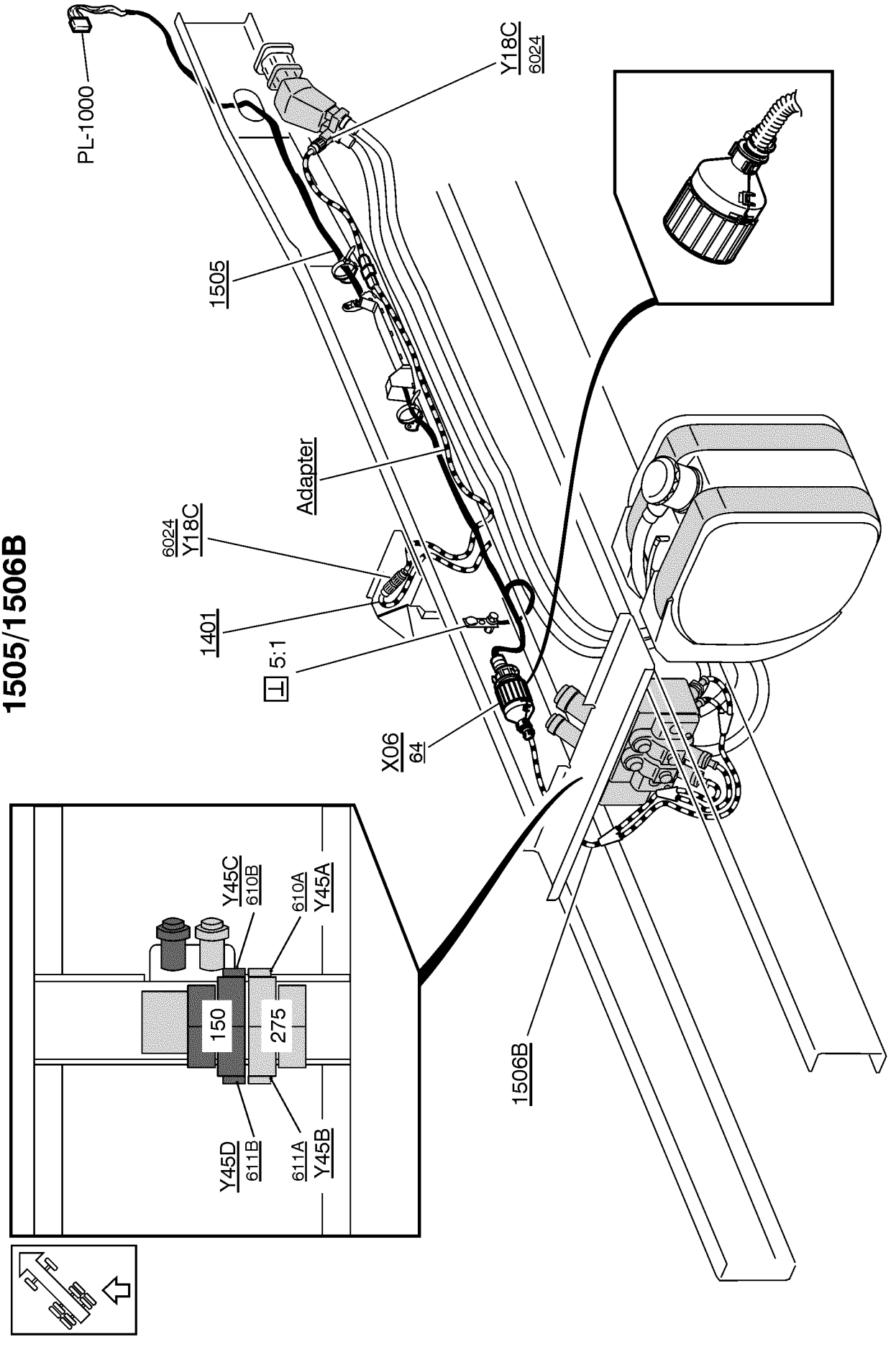
T3016976


YELLOW MARKING
TA/TB
1501
E13R
FR
YELLOW MARKING
1503
S26
M03
1501, 1503
1501, 1503
H06
E26R
M11
M02
B22
(Main) E01
(Parking) E08
(Dipped) E02
(Adjust) M08
(Fog) E07
E13F (Direction)
E03 (Spot)
H06

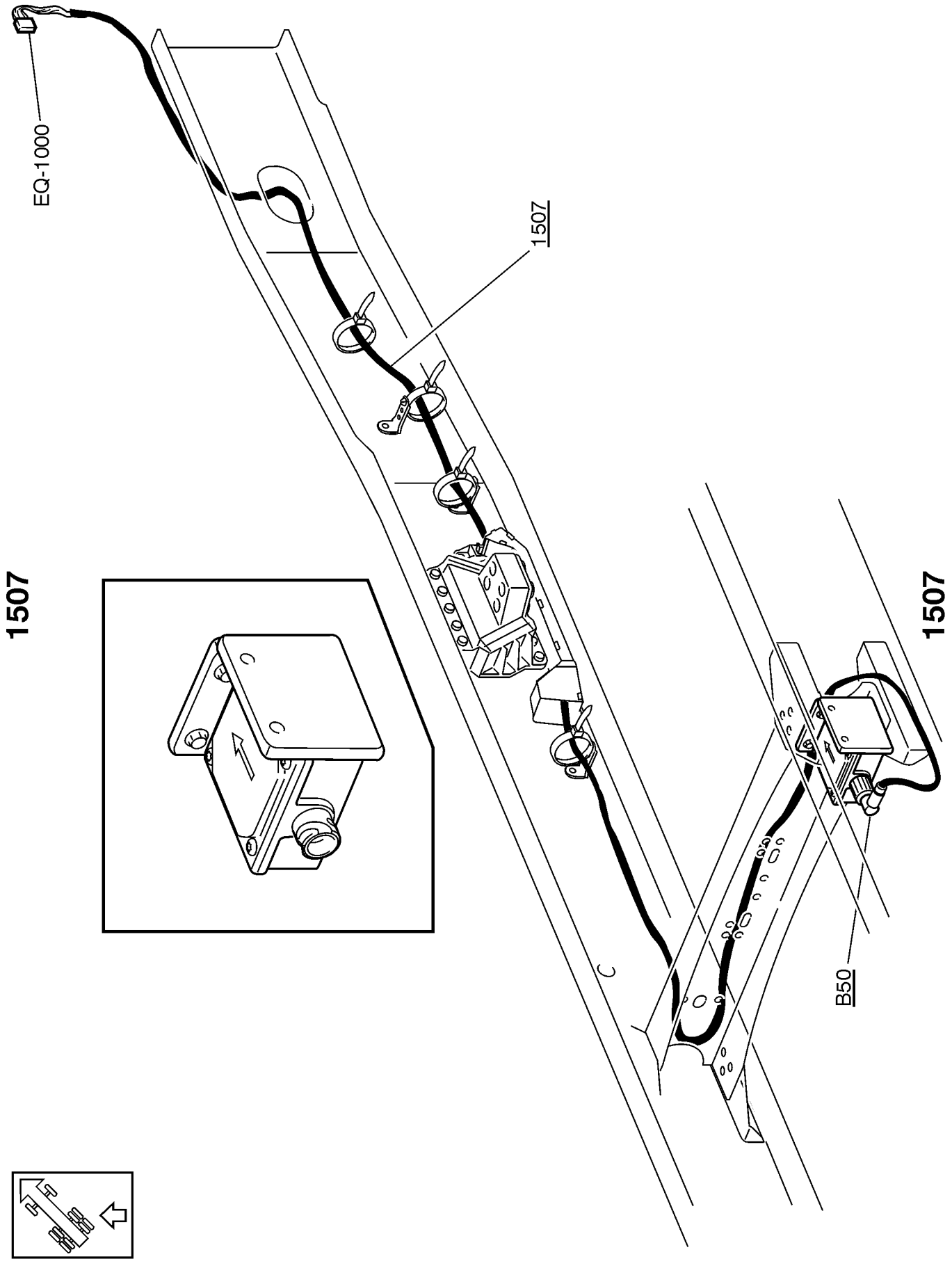

1504, 1470
JPN
M17
R02U
R02L
R02L (1504)
1504
1470
EMB (1000) (BB-central)
R02L
Y49/Y72
B03
S80
M01
1504
R02R
1B
2B
3B
4B
5B
MC
TD
1A
2A
3A
4A
5A
1504, 1470
RHD
M01
B03
Y49


1504, NH
R02L
Yellow Marking
TD
M01
1504
TD
1B
2B
3B
4B
5B
TD
1A
2A
3A
4A
5A
1504, NH
Yellow Marking
R02R


1505/1506A
1505/1506A
PL-1000
1505
E04/E33 LF
403LF
E04/E33 RF
403RF
1506A
5:1
X06
64
Y48
6117
1506A
E04/E33 RR
403RR
E04/E33 LR
403LR
T3016420


1505/1506B
PL-1000
Y18C
6024
1505
Adapter
6024
Y18C
1401
5:1
X06
64
1506B
Y45C
610B
610A
Y45A
150
275
Y45D
611B
611A
Y45B
1505/1506B

T3016443

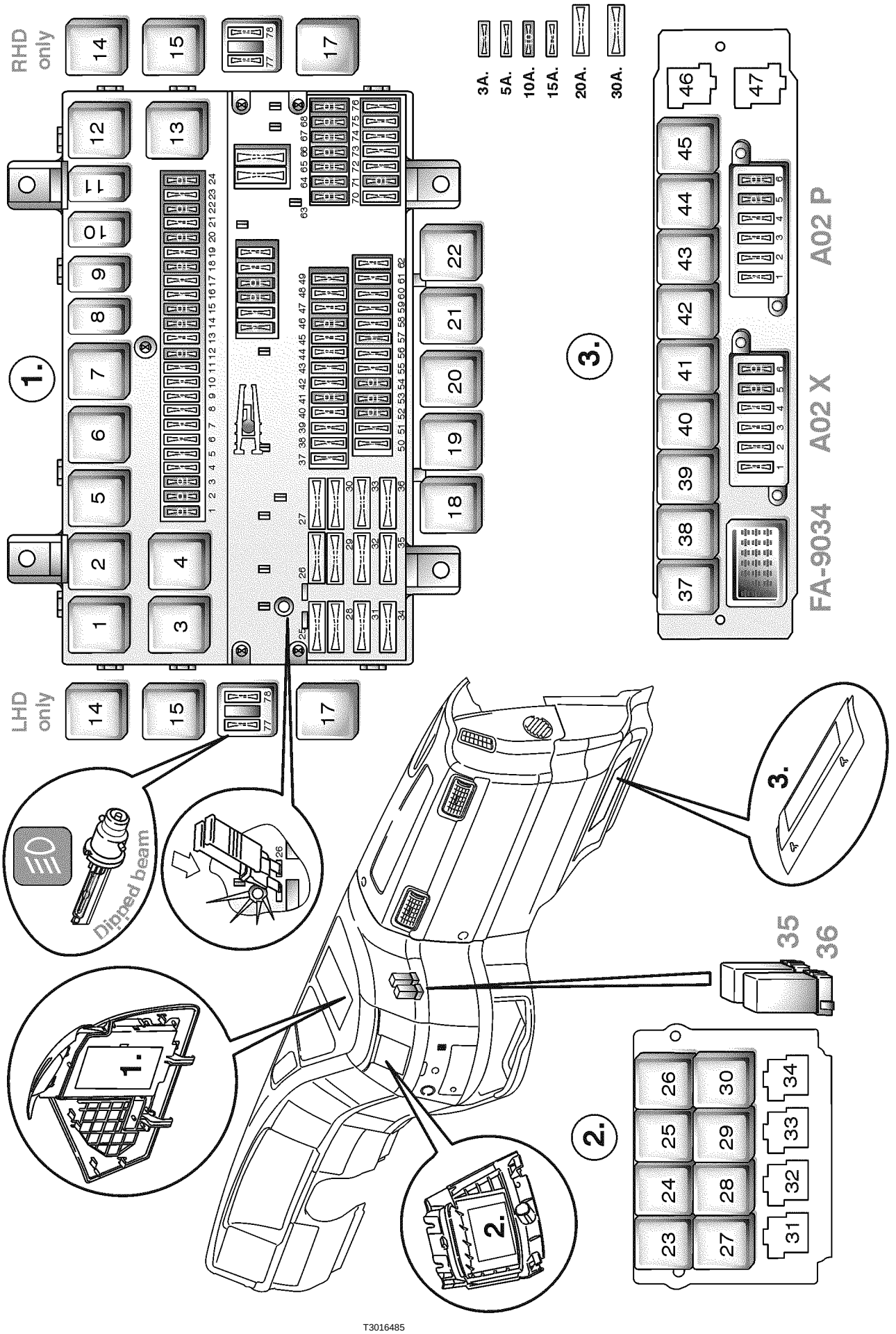

EQ-1000
1507
1507
1507
B50
T3015902

Fuses

F2	Luggage compartment illumination	(IH:4 A)
F3	Loadlight, 5:th wheel lamp	(KE:0 A)
F4	Key switch, radiopos.	(AA:3 C)
F5	Instrumentation, (kl.30)	(BI:3 A)
F6	Free	(BA:1 B)
F7	Vehicle ECU, immobiliser	(BA:1 B)
F8	Instrumentation, (kl.DR)	(BI:0 A)
F9	Range-, area-inhibitors	(BA:0 A)
F10	Electronic controlled air dryer	(FQ:1 A)
F11	Gearselector ECU	(DB:1 B/ DM:0 B)
F12	Transmission ECU/retarder	(DB:1 B/ DM:1 B)
F13	Windscreen wiper	(GM:3 A)
F14	Cigarette lighter, centre section storage lamp	(IQ:2 A)
F15	Water separator, heater and water drain	(CU:0 A)
F16	Differential lock, power take off	(DQ:0 A/ DU:1 A)
F17	LCM control	(GA:0 A)
F18	Horn, solenoid valve for airhorn	(GQ:1 A)
F19	Climate unit	(HG:0 A)
F20	Central door lock	(IM:1 A)
F21	Fan, climate unit	(HY:0 A)
F22	Interial lamps	(IH:1 A)
F23	Air suspension	(FA:4 A)
F24	El. heated airdryer, parking heater ADR/TRS	(FQ:0 A)
F25	Supply ABS/EBS trailer	(EC:1 A/ CP:4 A)
F26	Bodybuilder fusebox	(ME:3 B)
F27	El. window winder lhs, el. heated mirrors	(AA:3 B)
F28	Supply ABS/EBS truck	(EE:0 A/ EI:0 A/ EO:2 A)
F29	Coffee maker	(ME:1 A)
F30	El. window winder, rhs	(AA:3 B)
F31	Parking heater	(HI:0 A/ HM:0 A/ HP:0 A)
F32	ECC climate unit	(HG:0 A)
F33	El. cab tilt	(KA:0 A)
F34	Free	(ME:1 A)
F35	El. adjustable seat	(IA:2 A)
F36	Free	(ME:4 B)
F37	Dynafleet	(AA:3 B)
F38	Instep lamps	(AA:3 B)
F39	El. adjustable rearview mirrors	(AA:3 B)
F40	Engine ECU	(CM:1 A)
F41	Engine solenoid valves, el. fuel pump	(CM:3 A)
F42	Engine preheating relay, cooling fan clutch	(CM:2 A)
F43	BBM (body builder module)	(BA:1 A)
F44	Voltage converter for radio, 12V outlet	(IR:0 A)
F45	Supplementary voltage converter, 12V outlet	(IR:1 A)
F46	Beacon warning light	(KM:0 A)
F47	Free	(ME:0 A)
F48	ABS/EBS, EBS switches	(EE:0 A/ EI:0 A/ EO:0 A)
F49	Air suspension/A-ride/tag axle	(FA:3 A/ FK:1 A)
F50	Telephone	(IX:0 A)
F52	Control circuit engine preheating, radio position relay	(AA:1 A)
F53	Light sign	(KI:1 A)
F54	Dynafleet	(BU:0 A/ BX:0 A)
F55	SRS airbag, safety belt tensioner	(IS:0 A)
F56	ACC, yaw-rate sensor	(BE:1 A)
F57	Gear selector ECU/retarder	(DB:0 A/ DM:1 B)
F58	ADR/TRS, D+ short circuit relay	(AA:2 A/ AE:3 B)
F59	Rear view camera	(IZ:0 A)
F60	ISX-functions (AUS only)	(CP:3 A)
F61	Foldable rearview mirror arm, Japan, burglar alarm	(IF:0 A)
F62	Free	(ME:0 A)
F63	Free/ISX-functions (AUS only)	(CP:1 A)
F64	Free/ISX-functions (AUS only)	(CP:2 A)
F65	Central lubrication system	(FU:0 A)
F66	Roof hatch	(IQ:0 A)
F67	Reading lamps, bedlamps	(IH:0 A)
F68	Refrigerator	(IQ:3 A)

F69	12-volt outlet	(IR:1 C)
F70	Trailer ABS/EBS, (kl.15)	(EC:0 A/ CP:4 A)
F71	Extra equipment	(ME:1 A)
F72	Headlamp level regulation system	(GU:0 A)
F73	Hydraulic steered axle	(FP:1 A)
F74	Headlamp high-pressure washer	(GM:1 A)
F75	El. heated seat	(IA:0 A)
F76	ADR/TRS, D+ short circuit relay .	(AA:4 B/ (AE:4 B)
F89	Tachograph	(AA:0 B) (1435)
F90	12V converter, ABS trailer/info-module	(CP:4 C)
F91	Tachograph, ADR	(AE:0 C)
FM1	Fuse, main, preheating	(AA:0 B/ AE:2 B)
FM2	Fuse, main, bogie lift/extra equipment	(AA:0 B/ AE:1 B)
FM3	Fuse, main, cab and chassis	(AA:1 B/ AE:2 B)
FM4	Fuse, main, light, back-up	(AA:0 B/ AE:1 B)

Relays



T3016485

K1	Relay, starting switch, radio position	(AA:3 B)
K2	Relay, EMS (Engine Management System)	(BA:1 A)
K3	Relay, starter motor	(AA:1 C)
K3B	Relay, starter motor, Cummins	(CS:1 C)
K4	Relay, bodybuilder fuse box (kl.15)	(ME:2 A)
K5	Relay, automatic transmission	(DB:1 A/ DM:0 A)
K6	Relay, fan climate unit	(HY:0 B)
K7	Relay, intermittent wiper	(GM:1 C)
K8	Relay, gearbox area inhibitor	(BA:1 A)
K9	Relay, interior lamps	(IH:1 A)
K10	Relay, fifth wheel-, working-light	(KE:0 C)
K11	Relay, air suspension	(FA:4 B)
K12	Not used	(ME:4 B)
K13	Relay, alternator controled	(AA:4 C)
K14	Time delay relay, bogie lift, A-ride	(FK:1 C)
K15	Time delay relay, bogie lift, A-ride, with axle load limiter	(FK:2 C)
K16	Relay, bogie lift, A-ride, with axle load limiter	(FK:1 C)
K18	Relay, hydraulic steered axle	(FP:1 B)
K20	Relay, D+ short-circuit, (ADR-trucks only)	(AE:4 D)
K21	Relay, el. adjustable seat	(IA:2 B)
K22	Relay, climate fan, 1:st speed (by parking heater)	(HY:1 B)
K23	Relay, cab tilt	(KA:0 C)
K24	Relay, central lubrication	(FU:0 B)
K25	Relay, light sign	(KI:1 C)
K26A	Relay, foldable rearview mirror arm, Japan	(IF:0 C)
K26B	Relay, foldable rearview mirror arm, Japan	(IF:1 C)
K27	Relay, gas discharge lamp, dipped beam, lhs	(GD:1 C)
K28	Relay, gas discharge lamp, dipped beam, rhs	(GD:1 C)
K30	Relay, beacon warning light	(KM:0 B)
K35	Relay, headlamp high pressure wash	(GM:0 C)
K37A	Relay, parking light	(NR:0 C)
K37B	Relay, parking light	(NA:0 C)
K38	Relay, pressure selection, tipper trailer	(NA:1 C)
K38A	Relay, pressure selection, tipper trailer	(NR:1 C)
K38B	Relay, pressure selection, tipper trailer	(NR:1 C)
K39A	Relay, prepared wirings for body-builder (auxsw-6) A	(NR:2 C)
K39B	Relay, prepared wirings for body-builder (auxsw-6) A	(NA:1 C)
K40A	Relay, prepared wirings for body-builder (auxsw-6) B	(NR:3 C)
K40B	Relay, prepared wirings for body-builder (auxsw-6) B	(NA:2 C)
K41A	Relay, prepared wirings for body-builder (auxsw-6) C	(NR:3 C)
K41B	Relay, prepared wirings for body-builder (auxsw-6) C	(NA:3 C)
K42	Relay, spotlights	(NI:1 B)
K43	Relay, external engine start	(NC:3 C)
K45	Relay, prepared wirings for body-builder	(NU:2 B)
K48	Power relay, engine preheating	(CM:2 B)
K49	Power relay, bogie lift motor	(FK:3 C)
K51	Power relay, battery main switch	(AA:0 C/ CS:0 C)
K52	Power relay, ADR battery main switch	(AE:0 B)
K54	Relay, 12V ABS Trailer	(CP:2 D)

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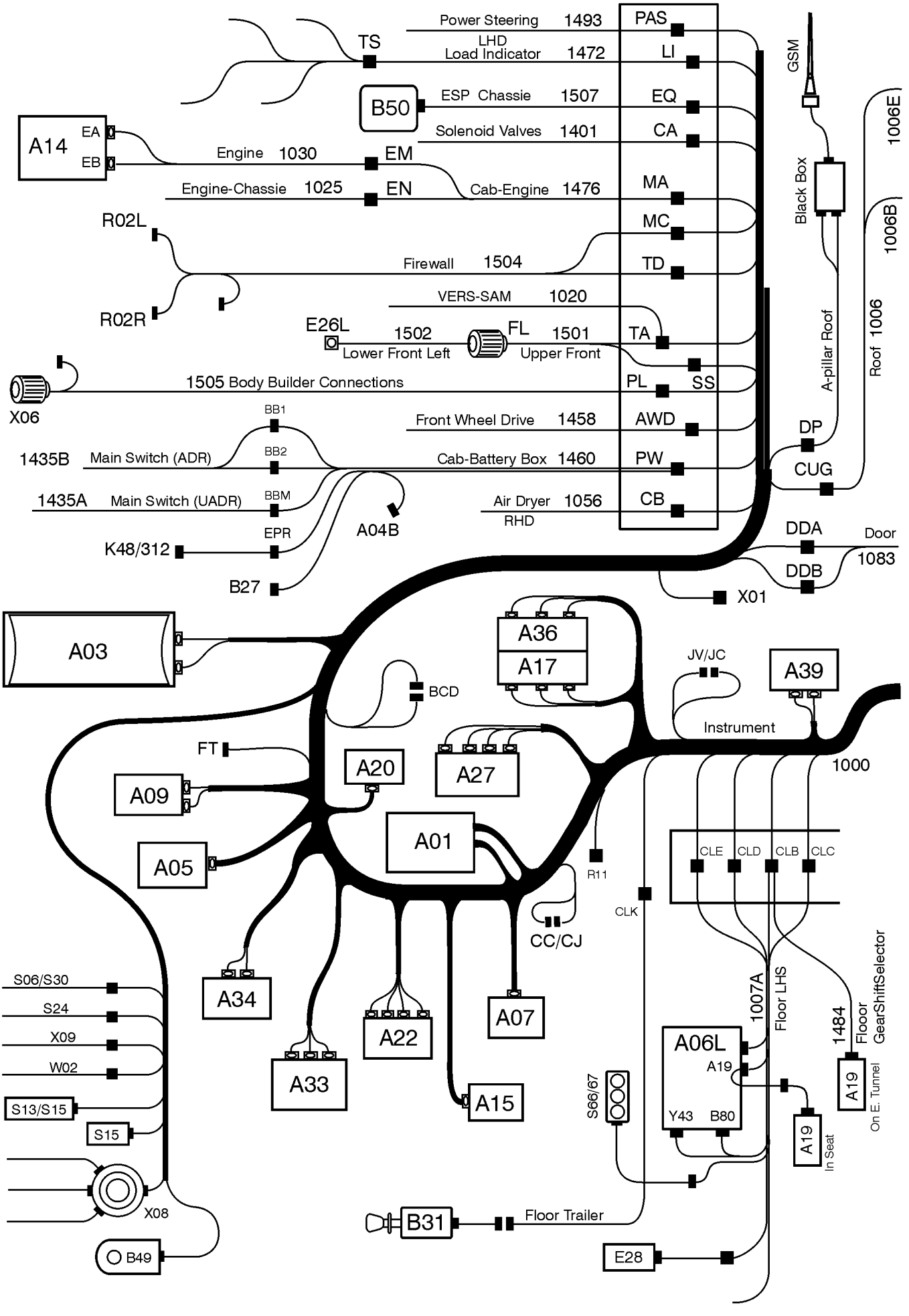
Power Steering 1493
PAS
LHD
Load Indicator 1472
LI
TS
B50
ESP Chassie 1507
EQ
Solenoid Valves 1401
CA
A14
EA
EB
Engine 1030
EM
Engine-Chassie 1025
EN
Cab-Engine 1476
MA
MC
R02L
R02R
Firewall 1504
TD
VERS-SAM 1020
E26L
1502
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1501
Upper Front
TA
SS
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X06
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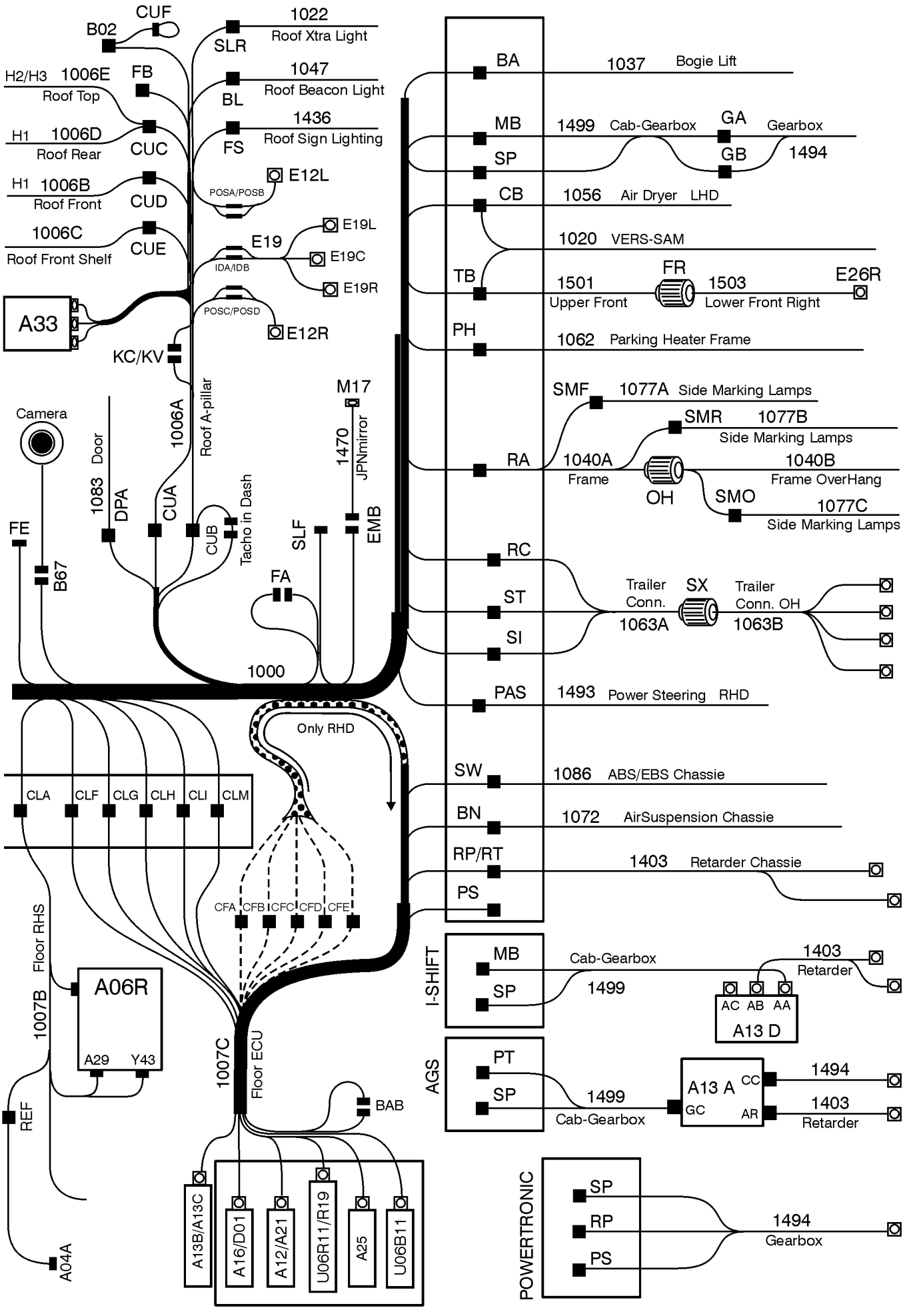
AWD
1435B
Main Switch (ADR)
BB2
Cab-Battery Box 1460
PW
1435A
Main Switch (UADR)
BBM
Air Dryer 1056
RHD
CB
EPR
K48/312
A04B
B27
DP
CUG
DDA
DDB
Door
1083
X01
GSM
Black Box
1006E
1006B
Roof 1006
A-pillar Roof
A03
A36
A17
BCD
JV/JC
A39
Instrument
1000
FT
A09
A20
A27
A01
A05
R11
CLK
CC/CJ
CLE
CLD
CLB
CLC
S06/S30
S24
X09
W02
S13/S15
S15
A34
A22
A33
A07
A15
1007A
Floor LHS
1484
Floor GearShiftSelector
A06L
A19
Y43
B80
S66/67
A19
On E. Tunnel
A19
In Seat
X08
B49
B31
Floor Trailer
E28

T3017002


CUF
B02
SLR
1022
Roof Xtra Light
H2/H3 1006E
Roof Top
FB
BL
1047
Roof Beacon Light
H1 1006D
Roof Rear
CUC
FS
1436
Roof Sign Lighting
H1 1006B
Roof Front
CUD
POSA/POSB
E12L
1006C
Roof Front Shelf
CUE
E19
E19L
E19C
E19R
IDA/IDB
POSC/POSD
E12R
A33
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1006A
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M17
1470
JPNmirror
1083
Door
DPA
CUA
CUB
Tacho in Dash
SLF
EMB
FE
B67
FA
1000
Only RHD
CLA
CLF
CLG
CLH
CLI
CLM
CFA
CFB
CFC
CFD
CFE
Floor RHS
1007B
A06R
A29
Y43
REF
A04A
1007C
Floor ECU
BAB
A13B/A13C
A16/D01
A12/A21
U06R11/R19
A25
U06B11
BA
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Bogie Lift
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SX
Trailer Conn. OH
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SW
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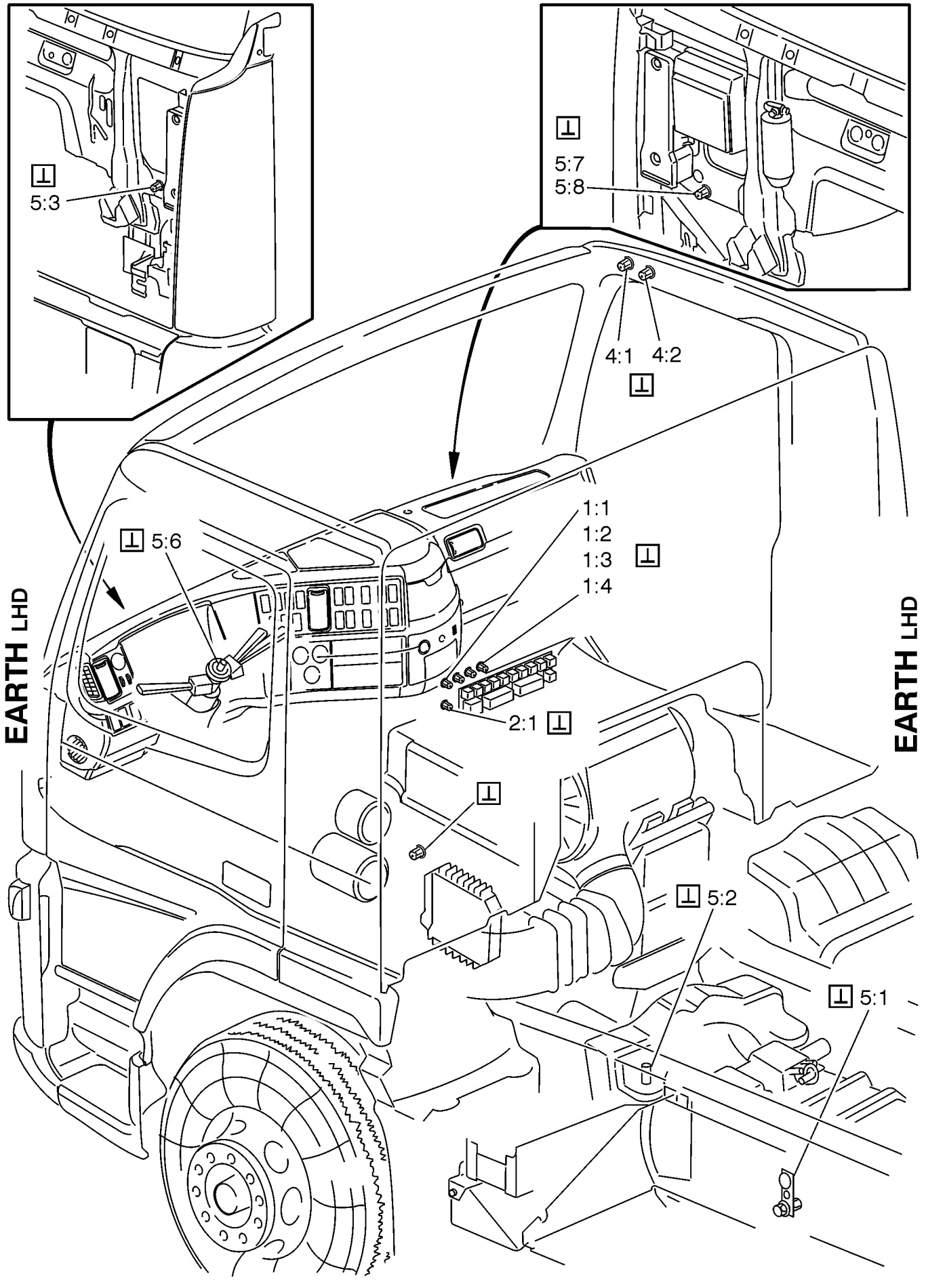
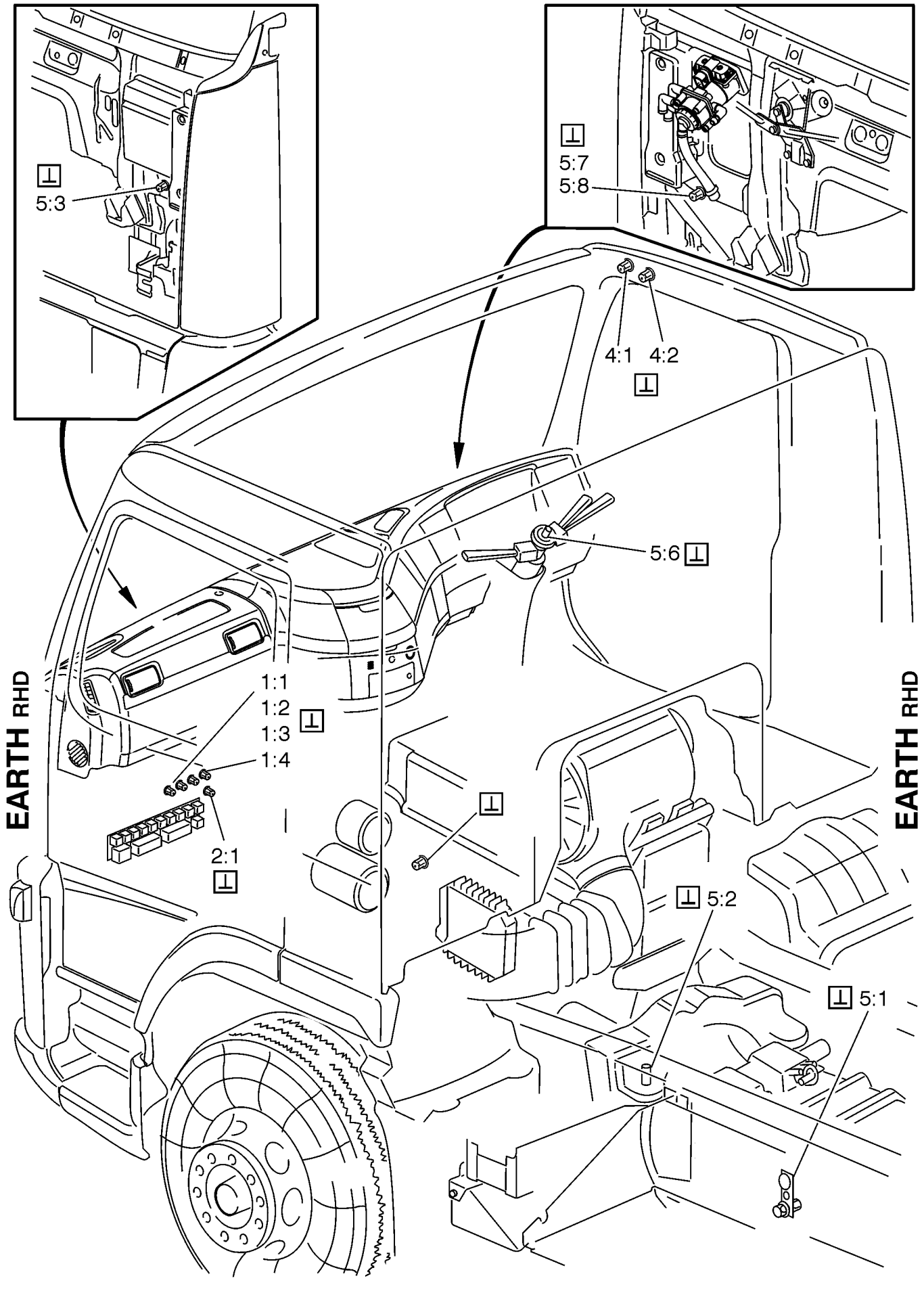
BN
1072
AirSuspension Chassie
RP/RT
1403
Retarder Chassie
PS
I-SHIFT
MB
SP
Cab-Gearbox
1499
1403
Retarder
AC AB AA
A13 D
AGS
PT
SP
1499
Cab-Gearbox
A13 A
CC
GC
AR
1494
1403
Retarder
POWERTRONIC
SP
RP
PS
1494
Gearbox

Earth connections




5:3
5:7
5:8
4:1
4:2
5:6
1:1
1:2
1:3
1:4
2:1
5:2
5:1
EARTH RHD
EARTH RHD
T3016381

List of earth connections

1:1	(IR:1 E)	4:1_1	(GA:4 E)	5:1	(NA:4 D)
1:1A	(IR:1 E)	4:1_2	(KI:1 B)	5:1	(NR:3 D)
1:2	(BA:2 D)	4:1_3	(KI:1 E)	5:2	(AA:0 E)
1:3	(AE:4 D)	4:1_4	(GA:0 E)	5:2	(AA:2 E)
1:4	(AA:2 E)	4:1_4	(IH:1 E)	5:2	(AE:2 E)
2:1	(CP:1 E)	4:1_4	(NI:1 E)	5:2	(AE:3 E)
2:1A	(NR:2 C)	4:1_5	(IH:0 E)	5:3	(AA:2 E)
2:1B	(GD:1 D)	4:2_1	(BN:0 D)	5:4	(FK:4 E)
2:1C	(NI:0 E)	4:2_1	(BN:1 E)	5:6	(GQ:1 E)
2:1D	(ME:0 B)	4:2_2	(HI:0 B)	5:7	(GC:1 E)
2:1E	(NA:2 C)	4:2_3	(IQ:1 E)	5:8	(EC:1 E)
2:1F	(BE:3 E)	4:2_5	(KM:0 D)		
4:1_1	(GA:1 E)	5:1	(AA:0 E)		

List of connectors

ADR1:1	(AE:1 C)	BCD:11	(XA:4 B)	CC:3	(DE:3 C)
ADR1:2	(AE:1 C)	BCD:12	(IS:2 D)	CC:4	(DE:2 C)
ADR2:1	(AE:1 C)	BCD:13	(XA:2 B)	CC:5	(DE:3 C)
ADR2:2	(AE:1 C)	BCD:14	(XA:4 B)	CC:6	(DE:2 C)
ADR3:1	(AE:2 C)	BL:1	(KM:0 C)	CC:9	(DE:2 C)
ADR3:2	(AE:2 C)	BL:3	(KM:0 D)	CC:10	(DE:2 C)
ADR4:1	(AE:2 C)	BL:2:1	(KM:1 D)	CC:11	(DE:2 C)
ADR4:2	(AE:2 C)	BL:2:2	(KM:1 D)	CC:12	(DE:2 D)
AR:1	(DE:1 D)	BL:3:1	(KM:0 C)	CFD:1	(DM:3 C)
AR:2	(DE:0 C)	BL:3:3	(KM:0 D)	CFD:2	(DM:2 C)
AR:3	(DE:0 C)	BN:1	(FA:2 A)	CFF:1	(CP:4 B)
AR:4	(DE:0 C)	BN:2	(FA:1 D)	CFF:2	(CP:4 B)
AR:5	(DE:1 C)	BN:3	(FA:1 D)	CFF:3	(CP:3 C)
AR:6	(DE:1 C)	BN:4	(FA:2 D)	CFF:4	(CP:3 C)
AR:7	(DE:1 C)	BN:5	(FA:1 C)	CFF:5	(CP:4 C)
AWD:3	(DU:2 C)	BN:6	(FA:1 C)	CLA:1	(IA:0 B)
AWD:4	(DU:2 C)	BN:7	(FA:1 C)	CLA:2	(IA:1 B)
AWD:5	(DU:4 C)	BN:8	(FA:2 D)	CLA:3	(BI:1 C)
AWD:6	(DU:4 C)	BN:9	(FA:0 C)	CLA:4	(IA:0 D)
AWD:8	(DU:2 D)	BN:10	(FA:1 D)	CLA:5	(IH:4 D)
BA:1	(FK:1 D)	BN:11	(FA:2 C)	CLA:6	(BI:3 D)
BA:2	(FK:3 D)	BN:12	(FA:1 C)	CLA:7	(NK:0 D)
BA:3	(FK:0 C)	BN:13	(FA:2 C)	CLA:9	(AE:2 C)
BA:5	(FK:1 D)	BN:14	(FA:0 D)	CLA:10	(AE:2 C)
BA:7	(FK:3 C)	BN:15	(FA:1 D)	CLA:11	(AE:2 C)
BA:8	(FK:1 D)	BN:16	(FA:1 D)	CLA:12	(AE:2 C)
BAB:1	(XA:4 D)	BN:16	(FG:1 C)	CLA:16	(IS:3 C)
BAB:2	(XA:2 D)	BN:17	(FA:1 D)	CLA:17	(IS:3 C)
BAB:3	(XA:3 D)	BN:18	(FA:1 D)	CLA:19	(IQ:3 C)
BAB:4	(XA:2 D)	BN:18	(FG:0 C)	CLA:20	(BI:3 D)
BAB:5	(XA:3 D)	BN:19	(FA:0 D)	CLA:21	(IQ:3 D)
BAB:6	(XA:2 D)	BN:20	(FA:0 D)	CLB:1	(DB:1 C)
BAB:7	(XB:3 D)	BN:21	(FM:0 D)	CLB:2	(DB:1 C)
BAB:8	(XA:3 D)	CA:1	(DQ:0 D)	CLB:3	(DB:0 B)
BAB:9	(XA:2 C)	CA:2	(GB:3 B)	CLB:4	(DB:0 B)
BAB:10	(XB:3 D)	CA:3	(DU:1 C)	CLB:7	(DB:0 D)
BAB:11	(XB:2 D)	CA:4	(DQ:0 C)	CLB:8	(DB:0 D)
BAB:12	(XB:2 D)	CA:5	(GB:3 B)	CLB:9	(DB:0 B)
BAB:13	(XB:3 D)	CA:6	(EO:3 B)	CLB:11	(DB:0 B)
BAB:14	(XB:1 D)	CA:9	(DU:1 C)	CLB:12	(DB:0 B)
BAB:15	(XB:1 D)	CA:10	(EO:3 B)	CLB:15	(DB:1 D)
BAB:16	(XB:3 D)	CA:11	(EO:3 B)	CLB:_2:1	(DB:2 C)
BAB:17	(XB:4 D)	CA:12	(EO:3 B)	CLB:_2:11	(DB:3 C)
BAB:18	(XB:1 D)	CA:13	(EO:3 B)	CLB:_2:12	(DB:3 C)
BB1:1	(AA:0 B)	CA:14	(EO:3 B)	CLB:_2:15	(DB:2 D)
BB1:2	(AE:1 D)	CA:15	(EO:3 B)	CLB:_2:2	(DB:2 C)
BB1:3	(AE:1 D)	CA:16	(DU:1 D)	CLB:_2:3	(DB:3 C)
BB1:4	(AE:1 D)	CA:17	(FU:0 C)	CLB:_2:4	(DB:3 C)
BB1:5	(AE:2 D)	CA:18	(FU:0 D)	CLB:_2:7	(DB:3 D)
BB1:6	(AE:2 D)	CA:19	(NC:0 C)	CLB:_2:8	(DB:2 D)
BB2:1	(AE:1 A)	CA:19	(NU:0 C)	CLB:_2:9	(DB:2 C)
BB2:2	(AE:1 D)	CA:20	(NC:1 C)	CLC:1	(HI:0 C)
BB2:3	(AE:1 D)	CA:20	(NU:1 C)	CLC:2	(HI:0 C)
BBM:1	(AA:0 B)	CB:1	(FQ:0 B)	CLC:3	(HI:0 C)
BBM:2	(AA:0 B)	CB:2	(FQ:0 D)	CLC:4	(HI:2 C)
BBM:3	(AA:1 C)	CB:3	(BA:0 D)	CLC:6	(HI:2 C)
BCD:1	(XA:2 B)	CB:3	(FQ:2 B)	CLC:7	(HI:3 C)
BCD:2	(XA:3 B)	CB:4	(BA:0 D)	CLC:8	(HI:1 C)
BCD:3	(XB:0 B)	CB:5	(FQ:2 D)	CLC:9	(HI:1 C)
BCD:4	(XA:2 B)	CB:6	(FQ:2 D)	CLC:10	(HI:4 C)
BCD:5	(XA:2 B)	CC/CJ:1	(IZ:2 B)	CLC:11	(HI:3 C)
BCD:6	(IS:2 D)	CC/CJ:2	(IZ:2 B)	CLC:12	(HI:2 C)
BCD:7	(XA:3 B)	CC/CJ:3	(IZ:1 A)	CLD:1	(IX:0 C)
BCD:8	(XA:3 B)	CC/CJ:4	(IZ:1 B)	CLD:2	(IX:0 C)
BCD:9	(XB:0 B)	CC/CJ:5	(IX:2 B)	CLD:3	(IX:1 C)
BCD:10	(XA:3 B)	CC:1	(DE:3 D)	CLD:4	(IX:1 C)

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CLE:2 (IA:3 B)
CLE:3 (BI:1 C)
CLE:4 (IA:1 E)
CLE:5 (IH:4 D)
CLE:6 (BI:3 C)
CLE:7 (NK:0 D)
CLE:8 (IH:4 C)
CLE:9 (AE:1 C)
CLE:9 (FA:2 D)
CLE:10 (AE:1 C)
CLE:10 (FA:2 D)
CLE:11 (AE:1 C)
CLE:11 (FA:2 D)
CLE:12 (AE:1 C)
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CLE:18 (IS:2 C)
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CLF:2 (IR:1 B)
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CLK:3 (NR:1 C)
CLK:4 (NR:1 B)
CLM:1 (BE:1 B)
CLM:2 (BE:1 B)
CLM:3 (BE:2 B)
CLM:4 (BE:1 C)
CLM:5 (BE:1 C)
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CUA:4 (IH:0 B)
CUA:5 (IH:3 B)
CUA:6 (IH:3 C)
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CUB:13 (IM:0 B)
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CUB:17 (GC:3 B)
CUB:18 (IH:3 B)
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CUB2/CUB:13 (IM:0 B)
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CUB2/CUB:18 (IH:3 B)
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CUC:2 (IH:3 C)
CUC:3 (IH:1 B)
CUC:4 (IH:0 B)
CUC:5 (IH:3 B)
CUC:6 (IQ:1 C)
CUC:7 (IQ:0 C)
CUC:8 (IQ:1 C)
CUC:9 (IU:2 D)
CUC:10 (IU:2 D)

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CUC:12	(IU:2 D)	DS_L:2	(NU:2 D)	EXT:1	(HZ:1 B)
CUC:13	(HI:1 B)	DS_R:1	(GQ:0 B)	EXT:2	(HZ:1 B)
CUC:14	(HI:1 B)	DS_R:1	(NU:2 C)	FA:1	(BI:4 B)
CUC:15	(HI:1 B)	DS_R:2	(GQ:0 C)	FA:2	(FA:2 B)
CUC:16	(HI:1 B)	DS_R:2	(NU:2 D)	FA:3	(FA:2 B)
CUC:17	(IH:3 B)	DZ:1	(BU:0 B)	FA:4	(GB:2 C)
CUC:18	(IH:0 D)	DZ:2	(BU:0 B)	FA:5	(GA:2 C)
CUC:19	(HI:3 B)	DZ:3	(BU:1 B)	FA:5	(NI:1 A)
CUC:20	(HI:3 C)	E03L-:1	(NI:0 D)	FA:6	(BA:0 C)
CUC:21	(HI:2 A)	E03L+:1	(NI:0 C)	FA:7	(BI:1 C)
CUD:1	(IH:1 B)	E03R-:1	(NI:0 D)	FA:8	(GA:4 C)
CUD:2	(IH:1 B)	E03R+:1	(NI:0 C)	FA:8	(NA:0 A)
CUD:3	(IH:1 D)	EA:1	(CS:1 B)	FA:8	(NR:0 A)
CUE:1	(IH:0 B)	EA:2	(CS:1 B)	FA:9	(GB:3 D)
CUE:3	(IH:0 D)	EA:3	(CS:2 B)	FA:9	(NA:0 A)
CUF:1	(HI:0 B)	EA:4	(CS:1 B)	FA:9	(NR:0 A)
CUF:2	(HI:0 B)	EM:1	(CM:1 D)	FA:10	(GC:2 B)
CUG:1	(NK:2 C)	EM:1	(CO:1 B)	FA:10	(NA:0 A)
CUG:2	(NK:2 C)	EM:1	(CS:3 B)	FA:10	(NR:0 A)
CUG:4	(NK:3 C)	EM:2	(CM:2 D)	FA:10	(NU:2 B)
CUG:5	(NK:3 C)	EM:2	(CO:2 B)	FA:11	(GB:0 A)
DDA:1	(IM:1 C)	EM:2	(CS:3 B)	FA:11	(NA:2 A)
DDA:2	(IE:0 B)	EM:3	(CM:2 D)	FA:11	(NR:1 A)
DDA:3	(IE:1 B)	EM:3	(CO:2 B)	FA:12	(BA:1 D)
DDA:4	(IE:2 B)	EM:3	(CS:3 B)	FA:13	(GQ:2 C)
DDA:5	(IH:2 C)	EM:4	(CM:1 D)	FA:14	(AA:1 B)
DDA:6	(IE:3 B)	EM:4	(CO:1 B)	FA:15	(GB:2 D)
DDA:7	(IM:1 C)	EM:4	(CS:3 B)	FA:16	(ME:0 C)
DDA:8	(IM:1 C)	EM:5	(CM:1 D)	FA:16	(NA:1 D)
DDA:9	(IM:1 C)	EM:5	(CO:2 B)	FA:16	(NR:2 D)
DDA:10	(IU:1 D)	EM:5	(CS:3 B)	FA:17	(ME:0 C)
DDA:11	(IU:1 D)	EM:6	(CM:2 D)	FA:17	(NA:2 D)
DDA:12	(IH:2 C)	EM:6	(CO:3 B)	FA:17	(NR:3 D)
DDA:13	(IE:0 C)	EM:6	(CS:2 B)	FA:18	(ME:0 C)
DDA:14	(IE:1 C)	EM:7	(CM:3 D)	FA:19	(ME:1 C)
DDA:15	(IE:1 C)	EM:7	(CO:4 B)	FA:19	(NA:3 D)
DDB:1	(IE:1 C)	EM:8	(CS:2 B)	FA:19	(NR:3 D)
DDB:2	(IE:2 C)	EM:9	(CM:1 D)	FA:20	(MA:1 C)
DDB:3	(IE:2 C)	EM:9	(CO:1 B)	FA:21	(MA:1 C)
DDB:4	(IE:0 C)	EM:9	(CS:3 B)	FB:1	(KI:1 A)
DDB:5	(IE:0 B)	EM:10	(CM:0 D)	FB:3	(KI:2 B)
DDB:6	(IE:0 B)	EM:10	(CO:3 B)	FE:1	(ME:1 B)
DDB:7	(IE:1 B)	EM:10	(CS:3 D)	FE:1	(NC:0 B)
DDB:9	(IE:2 B)	EM:11	(CM:2 D)	FE:1	(NU:0 A)
DP:1	(BU:0 A)	EM:11	(CO:0 B)	FE:2	(ME:1 B)
DP:2	(BU:0 A)	EM:12	(CM:0 D)	FE:2	(NC:0 B)
DP:3	(BU:1 D)	EM:12	(CO:4 B)	FE:2	(NU:0 A)
DP:4	(BU:0 D)	EM:12	(CS:2 B)	FE:3	(ME:1 B)
DP:5	(BU:0 D)	EN:1	(AA:2 D)	FE:3	(NC:0 B)
DP:6	(BU:0 D)	EN:1	(AE:3 D)	FE:3	(NU:0 A)
DP:7	(BU:1 D)	EN:2	(AA:3 D)	FE_B:1	(IF:1 A)
DP:8	(BU:1 D)	EN:2	(AE:3 D)	FE_B:2	(IF:1 A)
DP:9	(BU:1 D)	EN:3	(HG:0 D)	FE_B:3	(IF:1 A)
DP:10	(BU:1 D)	EN:3	(HY:2 D)	FE_BR:1	(IF:2 A)
DP:11	(BU:1 D)	EN:4	(AA:1 D)	FE_BR:2	(IF:2 A)
DP:12	(BU:1 D)	EMB:1	(IF:0 D)	FE_BR:3	(IF:1 A)
DPA:1	(IM:2 C)	EMB:2	(IF:1 D)	FE2:1	(NC:1 B)
DPA:3	(IE:3 B)	EPR:1	(CM:2 B)	FE2:1	(NU:0 B)
DPA:4	(IE:3 B)	EPR:3	(CM:3 B)	FE2:2	(NC:0 B)
DPA:5	(IH:2 C)	EPR:4	(CM:2 C)	FE2:2	(NU:0 B)
DPA:6	(IE:3 B)	EQ:1	(EO:4 B)	FE2:3	(NC:1 B)
DPA:7	(IM:2 C)	EQ:1	(EQ:1 D)	FE2:3	(NU:0 B)
DPA:8	(IM:2 C)	EQ:2	(EO:4 B)	FL:1	(GA:2 D)
DPA:9	(IM:2 C)	EQ:2	(EQ:1 D)	FL:2	(GA:2 C)
DPA:10	(IU:1 D)	EQ:3	(EO:4 B)	FL:3	(GA:2 C)
DPA:11	(IU:2 D)	EQ:3	(EQ:1 D)	FL:4	(NK:3 D)
DPA:12	(IH:2 C)	EQ:4	(EO:4 C)	FL:5	(NK:3 D)

FL:6 (GA:2 C)
FL:7 (GA:2 C)
FL:8 (GA:1 C)
FL:9 (GA:3 C)
FL:10 (GQ:1 C)
FL:11 (GQ:1 B)
FL:12 (GQ:1 B)
FL:13 (GU:0 D)
FL:14 (GU:0 D)
FL:15 (GU:0 D)
FL:16 (GQ:1 C)
FL:20 (BE:1 D)
FL:21 (BE:1 D)
FL:22 (BE:1 D)
FL:23 (BE:1 D)
FL:25 (GA:2 D)
FL:29 (KA:0 C)
FMS:1 (BX:1 D)
FMS:2 (BX:1 D)
FR:1 (GA:3 D)
FR:2 (GA:3 C)
FR:3 (GA:3 C)
FR:4 (NK:3 D)
FR:5 (NK:4 D)
FR:6 (GA:2 C)
FR:7 (GA:3 C)
FR:8 (GA:4 C)
FR:9 (GA:3 C)
FR:10 (GM:0 C)
FR:11 (GM:0 C)
FR:13 (GU:1 D)
FR:14 (GU:1 D)
FR:15 (GU:1 D)
FR:16 (GM:1 C)
FR:17 (BI:2 C)
FR:18 (BI:2 D)
FR:25 (GA:3 D)
FR:29 (KA:0 C)
FS:1 (KI:1 C)
FS:2 (KI:1 D)
FS:3 (KI:1 D)
FS_2:1 (KI:0 C)
FS_2:2 (KI:0 D)
FS_3:1 (KI:1 C)
FS_3:2 (KI:1 D)
FT:1 (IR:0 D)
FT:2 (IR:0 D)
FT:3 (IR:1 D)
GA:1 (GB:3 D)
GA:2 (BA:1 C)
GA:2 (BI:1 D)
GA:3 (BI:1 C)
GA:4 (BA:1 B)
GA:5 (BA:0 B)
GA:6 (BA:0 C)
GA:7 (BA:0 C)
GB:1 (BI:2 C)
GB:2 (BI:2 D)
GB:3 (BM:2 D)
GB:4 (BM:2 D)
GB:5 (BM:2 D)
GB:6 (BM:2 D)
GC:1 (DE:0 B)
GC:2 (DE:0 B)
GC:3 (DE:0 B)
GC:4 (DE:0 B)
GC:7 (DE:2 B)
GC:8 (DE:2 B)
GC:10 (DE:3 E)
GC:11 (DE:0 B)
GC:12 (DE:0 C)
GD:2 (HZ:1 C)
IDA:1 (GA:1 C)
IDB:1 (GA:0 D)
IS:1 (DE:3 B)
IS:2 (DE:3 B)
IS:3 (DE:2 C)
IS:4 (DE:2 C)
JV/JC:1 (GC:1 B)
JV/JC:2 (KA:1 D)
JV/JC:3 (DQ:1 B)
JV/JC:4 (AE:3 B)
JV/JC:5 (AE:3 B)
JV/JC:6 (AE:3 B)
JV/JC:7 (AE:4 D)
JV/JC:8 (HI:3 D)
JV/JC:9 (BA:0 C)
JV/JC:10 (FU:0 D)
JV/JC:11 (BA:3 C)
JV/JC:12 (BA:3 D)
JV/JC:13 (IM:2 C)
JV/JC:14 (BA:0 C)
JV/JC:15 (BU:0 B)
JV/JC:16 (IM:2 A)
JV/JC:17 (HP:0 D)
JV/JC:18 (KM:1 C)
JV/JC:19 (BI:2 D)
JV/JC:20 (BU:0 B)
JV/JC:21 (IX:2 B)
KV/KC:1 (GB:0 B)
KV/KC:2 (GB:0 B)
KV/KC:3 (GB:0 B)
LI:1 (FG:0 B)
LI:2 (FG:0 B)
LI:3 (FG:0 B)
LI:4 (FG:0 B)
LI:5 (FG:1 B)
LI:6 (FG:1 B)
MA:1 (CS:2 A)
MA:1 (HG:0 C)
MA:1 (HY:2 D)
MA:2 (AA:1 D)
MA:2 (CS:1 A)
MA:3 (CS:3 A)
MA:3 (XB:0 B)
MA:4 (CS:3 A)
MA:4 (XB:0 B)
MA:5 (CS:3 A)
MA:5 (XA:0 B)
MA:6 (CS:3 A)
MA:6 (XA:1 B)
MA:7 (CM:2 C)
MA:7 (CS:2 A)
MA:8 (CM:2 C)
MA:9 (AA:3 D)
MA:9 (AE:3 D)
MA:11 (CM:1 C)
MA:11 (CP:3 B)
MA:11 (CS:3 A)
MA:12 (CM:0 C)
MA:12 (CS:4 A)
MA:13 (AA:3 D)
MA:13 (AE:4 C)
MA:13 (CS:1 A)
MA:14 (CM:3 C)
MA:15 (BA:0 D)
MA:15 (CP:2 B)
MA:15 (CS:3 A)
MA:16 (BI:0 D)
MA:16 (CS:1 A)
MA:17 (CU:0 B)
MA:19 (CP:2 B)
MA:19 (CS:2 B)
MA:20 (CP:2 B)
MA:20 (CS:2 A)
MB:1 (DN:0 B)
MB:1 (BI:2 D)
MB:2 (BA:0 C)
MB:2 (DN:1 B)
MB:3 (DN:1 B)
MB:4 (BA:1 B)
MB:4 (DN:1 B)
MB:5 (BI:2 C)
MB:6 (DN:0 B)
MB:7 (DN:0 B)
MB:8 (BA:1 C)
MB:8 (BI:1 D)
MB:8 (DN:0 B)
MB:9 (BA:0 B)
MB:9 (DN:0 B)
MB:14 (BI:1 C)
MB:15 (GB:3 D)
MB:16 (BA:0 C)
MC:1 (EO:0 D)
MC:2 (EO:1 D)
MC:3 (EO:1 D)
MC:4 (EO:1 D)
MC:5 (EO:1 D)
MP:1 (CO:3 C)
MT:1 (CS:1 C)
MT:2 (CS:1 C)
MT:3 (CS:3 D)
MT:5 (CS:2 D)
MT:6 (CS:2 D)
MT:7 (CS:2 D)
MT:8 (CS:2 D)
MT:9 (CS:4 B)
MT:10 (CS:4 B)
MOT:1 (HZ:2 C)
MOT:2 (HZ:2 C)
MOT:4 (HZ:2 C)
OH:1 (GC:1 C)
OH:2 (GC:2 C)
OH:3 (GC:1 C)
OH:4 (GC:2 C)
OH:9 (GC:1 C)
OH:13 (GC:1 C)
OH:14 (GC:2 C)
OH:17 (GC:1 C)
OH:18 (GC:2 C)
OH:24 (GC:0 E)
PAS_1:1 (FP:0 C)
PAS_1:2 (FP:1 C)
PAS_1:3 (FP:1 C)
PAS_1:6 (FP:0 D)
PAS_2:1 (BI:0 C)
PAS_2:6 (BI:1 D)
PH_1:1 (HM:0 B)
PH_1:2 (HM:0 B)
PH_1:3 (HM:2 B)
PH_1:4 (HM:1 B)
PH_1:5 (HM:2 B)
PH_1:6 (HM:2 C)
PH_1:7 (HM:2 D)

PH_1:8 (HM:0 D)
PH_1:9 (HM:0 D)
PH_1:10 (HM:3 D)
PH_1:11 (HM:1 B)
PH_2:1 (HP:0 B)
PH_2:2 (HP:0 C)
PH_2:3 (HP:0 D)
PL:1 (NC:3 C)
PL:2 (NA:1 C)
PL:2 (NR:1 C)
PL:3 (NA:1 C)
PL:3 (NR:1 C)
PL:4 (NA:1 C)
PL:4 (NR:2 C)
PL:5 (NA:1 C)
PL:5 (NR:1 C)
PL:6 (NA:2 C)
PL:6 (NR:3 C)
PL:7 (NC:1 C)
PL:7 (NU:1 C)
PL:8 (NA:4 C)
PL:8 (NR:1 C)
PL:9 (NC:1 C)
PL:9 (NU:1 C)
PL:10 (NC:2 C)
PL:10 (NU:2 C)
PL:11 (NA:0 C)
PL:11 (NR:0 C)
PL:12 (NA:0 C)
PL:12 (NR:0 C)
PL:13 (NC:2 C)
PL:13 (NU:1 C)
PL:14 (NC:2 C)
PL:14 (NU:1 C)
PL:15 (NC:2 C)
PL:15 (NU:2 C)
PL:16 (NC:2 C)
PL:16 (NU:2 C)
PL:17 (NC:2 C)
PL:17 (NU:2 C)
PL:18 (NA:3 C)
PL:18 (NR:3 C)
PL:19 (NC:3 C)
PL:20 (NC:3 C)
PL:20 (NU:2 C)
PL:21 (NC:3 C)
PL:21 (NU:3 C)
PS:1 (DI:0 C)
PS:2 (DI:0 C)
PS:3 (DI:0 C)
PS:4 (DI:0 C)
PS:5 (DI:0 C)
PS:6 (DI:0 C)
PS:7 (DI:1 C)
PS:8 (DI:1 C)
PS:9 (DI:1 C)
PS:14 (DI:1 C)
PS:15 (DI:1 C)
PS:16 (DI:1 C)
PS:17 (DI:1 C)
PS:18 (DI:1 C)
PS:19 (DI:1 C)
PS:20 (DI:1 C)
PS:21 (DI:1 C)
PT:1 (DE:0 B)
PT:2 (DE:0 B)
PT:3 (DE:0 B)
PT:4 (DE:0 B)
PT:7 (DE:0 C)
PT:8 (DE:0 B)
PW:1 (AA:0 B)
PW:2 (AE:2 D)
PW:3 (AE:1 C)
PW:4 (AE:1 C)
PW:5 (AE:1 D)
PW:6 (AE:1 D)
PW:7 (AE:2 C)
PW:8 (AE:2 C)
PW:9 (BI:2 D)
PW:10 (BI:2 C)
PW:11 (BI:2 C)
PW:12 (AA:0 B)
PW:15 (CM:3 B)
PW:16 (CM:2 B)
PW:17 (CM:2 C)
PW:18 (AA:4 D)
PW:19 (IQ:3 C)
PW:20 (IQ:3 D)
RA:1 (GC:2 E)
RA:2 (GC:1 B)
RA:3 (GC:1 B)
RA:4 (GC:1 B)
RA:5 (GC:2 B)
RA:6 (GC:2 B)
RA:7 (GC:1 B)
RA:8 (GC:1 B)
RA:9 (GC:2 B)
RA:10 (GC:2 B)
RA:12 (BI:2 C)
RA:13 (BI:2 D)
RA:14 (DU:3 C)
RA:15 (HI:0 C)
RA:15 (HM:0 D)
RA:16 (HI:0 C)
RA:16 (HM:0 D)
RA:17 (DU:3 C)
RC:2 (GB:1 D)
RC:2 (GK:0 A)
RC:3 (GB:2 D)
RC:3 (GK:1 A)
RC:4 (GB:1 D)
RC:4 (GK:1 A)
RC:5 (GB:2 D)
RC:5 (GK:1 A)
RC:6 (GB:2 D)
RC:6 (GK:1 A)
RC:7 (ME:0 C)
RC:9 (ME:0 C)
RC:10 (GB:2 D)
RC:10 (GK:1 A)
RC:11 (ME:0 C)
RC:12 (ME:1 C)
RC:14 (GC:4 B)
RC:17 (ME:1 C)
RC:18 (ME:1 C)
RC:19 (GK:1 A)
RC:19 (KE:0 C)
RC:20 (GK:1 A)
RC:20 (KE:0 D)
RC:21 (CP:2 B)
RC:21 (GK:1 A)
REF:1 (IQ:3 C)
REF:2 (IQ:3 D)
REV:1 (NU:2 C)
RP:1 (DI:2 C)
RP:2 (DI:2 C)
RP:3 (DI:2 C)
RP:4 (DI:2 C)
RP:5 (DI:2 C)
RP:6 (DI:2 C)
RP:7 (DI:2 C)
RP:8 (DI:2 B)
RP:9 (DI:2 B)
RT:1 (DM:3 C)
RT:2 (DM:2 C)
RT:3 (DM:2 C)
RT:4 (DM:2 C)
RT:5 (DM:2 C)
RT:6 (DM:3 C)
RT:7 (DM:3 C)
RT–2:1 (DM:3 C)
RT–2:2 (DM:2 C)
SI:1 (CP:3 B)
SI:1 (EC:0 C)
SI:1 (GK:3 A)
SI:2 (EC:0 C)
SI:2 (GK:3 A)
SI:4 (EO:0 D)
SI:4 (GK:4 A)
SI:5 (EO:0 D)
SI:5 (GK:4 A)
SLF:1 (NI:0 C)
SLF:2 (NI:0 D)
SLR:1 (NI:1 C)
SLR:2 (NI:1 D)
SLR_2:1 (NI:1 C)
SLR_2:2 (NI:1 D)
SM_F:1 (GC:3 C)
SM_F:2 (GC:0 C)
SM_F:4 (GC:3 E)
SM_O:1 (GC:3 C)
SM_O:2 (GC:0 C)
SM_O:4 (GC:0 D)
SM_R:1 (GC:3 C)
SM_R:2 (GC:0 C)
SM_R:4 (GC:3 E)
SP:1 (BM:2 D)
SP:2 (BM:2 D)
SP:3 (BM:2 D)
SP:4 (BM:2 C)
SS:1 (BE:3 D)
SS:2 (BE:3 D)
SS:3 (BE:1 C)
SS:4 (BE:1 C)
ST:1 (EC:1 C)
ST:1 (GK:3 A)
ST_2:1 (CP:3 B)
ST_2:2 (CP:3 B)
ST_2:3 (CP:3 B)
SW_1:1 (EE:0 C)
SW_1:1 (EI:0 C)
SW_1:2 (EE:0 C)
SW_1:2 (EI:0 C)
SW_1:3 (EE:0 D)
SW_1:3 (EI:1 C)
SW_1:4 (EE:1 C)
SW_1:4 (EI:1 C)
SW_1:5 (EE:1 C)
SW_1:5 (Ei:1 C)
SW_1:6 (EE:1 D)
SW_1:6 (EI:1 C)
SW_1:7 (EE:2 C)
SW_1:7 (EI:2 C)
SW_1:8 (EE:2 C)

SW_1:8	(EI:2 C)	SX:25	(ME:0 D)	TS:3	(FG:0 B)
SW_1:9	(EE:2 D)	SX:29	(ME:1 D)	TS:4	(FG:0 B)
SW_1:9	(EI:2 C)	SX:30	(EC:1 D)	TS:5	(FG:1 B)
SW_1:10	(EE:3 C)	SX:30	(GK:3 C)	TS:6	(FG:1 B)
SW_1:10	(EI:3 C)	SX:31	(EC:1 D)	X02:1	(EC:1 D)
SW_1:11	(EE:3 C)	SX:31	(EC:3 D)	X02:1	(GK:3 E)
SW_1:11	(EI:3 C)	SX:31	(GK:2 C)	X02:2	(EC:0 D)
SW_1:12	(EE:3 C)	TA:1	(GA:2 D)	X02:2	(GK:3 E)
SW_1:12	(EI:3 C)	TA:2	(GA:2 C)	X02:3	(EC:3 C)
SW_1:13	(EE:0 C)	TA:3	(GA:2 C)	X02:3	(EC:2 D)
SW_1:13	(EI:0 C)	TA:4	(KA:0 C)	X02:3	(EC:3 D)
SW_1:14	(EE:0 C)	TA:5	(NK:3 C)	X02:3	(GK:3 E)
SW_1:14	(EI:0 C)	TA:6	(GA:2 C)	X02:4	(EC:3 C)
SW_1:15	(EE:1 C)	TA:7	(GA:2 C)	X02:4	(EC:2 D)
SW_1:15	(EI:1 C)	TA:8	(GA:1 C)	X02:4	(EC:3 D)
SW_1:16	(EE:1 C)	TA:9	(GA:3 C)	X02:4	(GK:3 E)
SW_1:16	(EI:1 C)	TA:10	(GQ:1 C)	X02:5	(EC:0 D)
SW_1:17	(EE:2 C)	TA:11	(GQ:1 B)	X02:5	(GK:3 E)
SW_1:17	(EI:2 C)	TA:12	(GA:2 D)	X02:6	(EO:0 E)
SW_1:18	(EE:2 C)	TA:13	(GU:0 C)	X02:6	(GK:3 E)
SW_1:18	(EI:2 C)	TA:14	(GU:0 C)	X02:7	(EO:0 E)
SW_1:19	(EE:3 C)	TA:15	(GU:0 C)	X02:7	(GK:3 E)
SW_1:19	(EI:3 C)	TA:16	(GQ:1 C)	X03:1	(GB:2 E)
SW_1:20	(EE:3 C)	TA:17	(NK:3 C)	X03:2	(GB:2 E)
SW_1:20	(EI:3 C)	TB:1	(GA:3 D)	X03:3	(GC:4 E)
SW_2:1	(EO:3 D)	TB:2	(GA:3 C)	X03:4	(EC:2 C)
SW_2:10	(EO:3 D)	TB:3	(GA:3 C)	X03:4	(EC:3 C)
SW_2:11	(EO:4 D)	TB:4	(KA:0 C)	X03:4	(EC:2 D)
SW_2:12	(EO:4 D)	TB:5	(NK:3 C)	X03:5	(GB:1 E)
SW_2:13	(EO:3 D)	TB:6	(GA:2 C)	X03:6	(GB:2 E)
SW_2:14	(EO:3 D)	TB:7	(GA:3 C)	X03:7	(GB:1 E)
SW_2:15	(EO:4 D)	TB:8	(GA:4 C)	X03:8	(GB:2 E)
SW_2:2	(EO:3 D)	TB:9	(GA:3 C)	X03:9	(ME:0 D)
SW_2:3	(EO:1 D)	TB:10	(GM:0 C)	X03:10	(ME:0 D)
SW_2:4	(EO:1 D)	TB:11	(GM:0 C)	X03:11	(ME:0 D)
SW_2:5	(EO:2 D)	TB:12	(GA:3 D)	X03:12	(ME:1 D)
SW_2:6	(EO:2 D)	TB:13	(GU:1 C)	X03:13	(EC:2 C)
SW_2:7	(EO:2 D)	TB:14	(GU:1 C)	X03:13	(EC:3 C)
SW_2:8	(EO:2 D)	TB:15	(GU:1 C)	X03:13	(EC:2 D)
SW_2:9	(EO:3 D)	TB:16	(GM:1 C)	X03:14	(ME:1 D)
SX:1	(GK:2 C)	TB:17	(NK:4 C)	X03:15	(ME:1 D)
SX:1	(ME:0 D)	TB:18	(BI:2 D)	X03:2	(GB:2 E)
SX:2	(ME:0 D)	TB:19	(GQ:2 B)	X03:3	(GC:4 E)
SX:3	(EC:0 D)	TB:20	(GQ:2 C)	X03:4	(EC:2 C)
SX:3	(GK:3 C)	TB:21	(BI:2 C)	X03:4	(EC:3 C)
SX:4	(GB:2 D)	TD:1	(IE:0 C)	X03:4	(EC:2 D)
SX:4	(GK:2 C)	TD:2	(IE:0 D)	X03:5	(GB:1 E)
SX:5	(GC:4 C)	TD:3	(IE:0 C)	X03:6	(GB:2 E)
SX:6	(GB:2 D)	TD:4	(IE:1 C)	X03:7	(GB:1 E)
SX:6	(GK:2 C)	TD:5	(IE:1 C)	X03:8	(GB:2 E)
SX:7	(EO:0 D)	TD:8	(GM:3 D)	X03:9	(ME:0 D)
SX:7	(GK:3 C)	TD:9	(GM:3 C)	X04:1	(EC:3 D)
SX:8	(EO:0 D)	TD:10	(GM:3 C)	X04:1	(GK:2 E)
SX:8	(GK:3 C)	TD:11	(GM:2 C)	X04:2	(GB:1 E)
SX:10	(GB:1 D)	TD:12	(GM:2 C)	X04:2	(GK:2 E)
SX:10	(GK:2 C)	TD:13	(GQ:0 B)	X04:3	(GB:2 E)
SX:11	(GB:2 D)	TD:13	(NU:2 C)	X04:3	(GK:2 E)
SX:11	(GK:2 C)	TD:14	(GQ:0 C)	X04:4	(GB:1 E)
SX:12	(GB:1 D)	TD:14	(NU:2 D)	X04:4	(GK:2 E)
SX:12	(GK:2 C)	TD:15	(IE:1 C)	X04:5	(GB:2 E)
SX:15	(EC:0 D)	TD:16	(IE:1 D)	X04:5	(GK:2 E)
SX:15	(GK:3 C)	TD:17	(IE:1 C)	X04:6	(GB:2 E)
SX:18	(GB:2 D)	TD:18	(IE:2 C)	X04:6	(GK:2 E)
SX:20	(ME:1 D)	TD:19	(IE:2 C)	X04:7	(GK:2 E)
SX:21	(ME:1 D)	TD:20	(NK:1 C)	X04:7	(ME:0 D)
SX:24	(EC:1 D)	TD:21	(NK:1 D)	X05:1	(EC:4 D)
SX:24	(EC:3 D)	TS:1	(FG:0 B)	X05:2	(ME:0 D)
SX:24	(GK:3 C)	TS:2	(FG:0 B)	X05:3	(GB:2 E)

X05:4	(ME:0 D)	XC:2	(IS:0 D)	XJ:17	(IH:1 B)
X05:5	(ME:1 D)	XC:3	(IH:2 C)	XJ:18	(IH:2 B)
X05:7	(GC:4 E)	XC:4	(HP:0 E)	XK:1	(BA:0 B)
X06_1:1	(NC:3 D)	XC:5	(HG:0 D)	XK:2	(FQ:2 B)
X06_1:10	(NC:2 D)	XC:5	(HY:2 D)	XK:3	(GM:3 B)
X06_1:10	(NU:2 D)	XC:6	(BU:2 C)	XK:4	(BA:0 B)
X06_1:11	(NA:0 D)	XC:7	(BM:1 E)	XK:5	(FQ:1 B)
X06_1:12	(NA:0 D)	XC:8	(AE:2 C)	XK:6	(GM:1 D)
X06_1:13	(NC:2 D)	XC:8	(NK:1 D)	XK:7	(BA:0 A)
X06_1:13	(NU:1 D)	XC:9	(DB:1 E)	XK:8	(BA:0 B)
X06_1:14	(NC:2 D)	XC:9	(DM:0 E)	XK:9	(DB:1 B)
X06_1:14	(NU:1 D)	XC:10	(HP:1 E)	XK:9	(DM:1 B)
X06_1:15	(NC:2 D)	XC:11	(BU:0 B)	XK:10	(HY:0 B)
X06_1:15	(NU:2 D)	XC:12	(KI:1 C)	XK:11	(DB:1 B)
X06_1:16	(NC:2 D)	XD:1	(BU:1 C)	XK:11	(DM:0 B)
X06_1:16	(NU:2 D)	XD:1	(BX:1 D)	XK:12	(DB:1 B)
X06_1:17	(NC:2 D)	XD:2	(CU:1 D)	XK:12	(DM:1 B)
X06_1:17	(NU:2 D)	XD:3	(CP:2 D)	XK:13	(HY:0 B)
X06_1:18	(NA:3 D)	XD:4	(EE:4 D)	XK:14	(IQ:1 B)
X06_1:19	(NA:3 D)	XD:4	(EI:4 D)	XK:15	(IQ:2 B)
X06_1:2	(NA:1 D)	XD:4	(EO:0 D)	XK:16	(HY:1 B)
X06_1:20	(NC:3 D)	XD:5	(DU:2 E)	XK:17	(CU:0 B)
X06_1:20	(NU:2 D)	XD:5	(EI:0 D)	XK:18	(CU:0 B)
X06_1:21	(NC:3 D)	XD:5	(EO:0 D)	XL:1	(BA:1 B)
X06_1:21	(NU:3 D)	XD:6	(FA:3 D)	XL:2	(IH:4 B)
X06_1:22	(NC:3 D)	XD:6	(FK:0 C)	XL:3	(BA:1 B)
X06_1:24	(NA:3 D)	XD:7	(GU:2 D)	XL:4	(OA:2 B)
X06_1:3	(NA:1 D)	XD:8	(IX:2 D)	XL:5	(BA:1 B)
X06_1:30	(NA:3 D)	XD:9	(BA:1 C)	XL:6	(BA:1 B)
X06_1:31	(NA:4 D)	XD:9	(BI:1 E)	XL:7	(DB:1 B)
X06_1:4	(NA:1 D)	XD:10	(IS:1 D)	XL:7	(DM:0 B)
X06_1:5	(NA:1 D)	XD:10	(OA:1 D)	XL:8	(BI:0 B)
X06_1:6	(NA:2 D)	XD:11	(AA:1 D)	XL:9	(BI:0 B)
X06_1:7	(NC:1 D)	XD:12	(NC:0 C)	XL:9	(OA:2 B)
X06_1:7	(NU:1 D)	XD:12	(NU:2 D)	XL:10	(DB:1 B)
X06_1:8	(NA:4 C)	XE:1	(AA:2 D)	XL:10	(DM:0 B)
X06_1:9	(NC:1 D)	XF:1	(FA:4 B)	XL:11	(BI:0 B)
X06_1:9	(NU:1 D)	XF:2	(FQ:1 B)	XL:12	(BA:1 B)
X06_2:11	(NR:0 D)	XF:3	(ME:3 B)	XL:13	(DQ:0 B)
X06_2:12	(NR:0 D)	XF:4	(KE:0 C)	XL:14	(DU:1 B)
X06_2:18	(NR:3 D)	XF:5	(FQ:0 B)	XL:15	(BA:1 D)
X06_2:19	(NR:2 E)	XF:6	(FQ:1 B)	XL:16	(BA:1 D)
X06_2:2	(NR:1 D)	XF:7	(KE:0 C)	XL:17	(BA:1 D)
X06_2:24	(NR:2 D)	XF:8	(KE:0 C)	XL:18	(BA:1 D)
X06_2:3	(NR:1 D)	XF:9	(AA:3 C)	XM:1	(AA:1 C)
X06_2:4	(NR:2 D)	XF:9	(AE:3 D)	XM:2	(AA:1 C)
X06_2:5	(NR:1 D)	XF:10	(FA:4 B)	XM:3	(AA:1 C)
X06_2:6	(NR:3 D)	XF:12	(KE:0 B)	XM:4	(AA:1 C)
X06_2:8	(NR:1 D)	XF:13	(BA:0 B)	XM:5	(AA:2 C)
XA:1	(GB:1 B)	XF:15	(FA:4 B)	XM:6	(AA:3 C)
XA:2	(GB:1 B)	XF:18	(ME:4 A)	XM:7	(AA:3 C)
XA:3	(GB:1 B)	XG:1	(AA:1 A)	XM:8	(AA:3 C)
XA:4	(GB:1 B)	XH:1	(AA:2 A)	XM:9	(AA:3 C)
XA:5	(GB:1 B)	XJ:1	(GM:2 C)	XM:10	(AA:3 C)
XA:6	(GB:2 B)	XJ:2	(GM:1 D)	XM:11	(AA:2 B)
XA:7	(GB:2 B)	XJ:3	(HG:0 B)	XM:12	(BI:3 B)
XA:8	(GB:2 B)	XJ:4	(GQ:1 A)	XM:13	(AA:2 B)
XA:9	(GB:2 B)	XJ:6	(HG:0 B)	XM:14	(AA:2 B)
XA:10	(GB:1 B)	XJ:7	(GQ:2 A)	XM:15	(BI:3 B)
XA:11	(GB:1 B)	XJ:8	(IM:1 B)	XM:16	(AA:2 B)
XA:12	(GB:1 B)	XJ:9	(IM:1 B)	XM:17	(AA:2 B)
XA:13	(GB:1 B)	XJ:10	(GA:0 B)	XM:18	(BI:3 B)
XA:14	(GB:1 B)	XJ:11	(IM:0 B)	XO:1	(AA:1 A)
XA:15	(GB:2 B)	XJ:12	(BA:1 B)	XS:1	(AA:2 A)
XA:16	(GB:2 B)	XJ:13	(GA:0 B)	XT:1	(AA:1 A)
XA:17	(GB:2 B)	XJ:14	(IH:1 B)		
XA:18	(GB:2 B)	XJ:15	(BA:0 B)		
XC:1	(BM:2 C)	XJ:16	(IH:2 B)		

List of components

A01	Fuse and Relay Centre (1000)
A02L	Fuse holder, 6–fuses (GD:3 C) (1000)
A02P	Fuse holder, 6–fuses (ME:2 C) (1000)
A02x	Fuse holder, 6–fuses (ME:3 C) (1000)
A03	Instrument cluster (BI:0 B) (1000)
A04A	Refrigerator (IQ:3 C) (1007B)
A04B	Refrigerator (IQ:3 C) (1460)
A05	Display, FMS (Fleet Management System) (BU:2 D/IZ:0 D) (1000)
A06L	El. adjustable seat (IA:2 B) (1007A)
A06R	El. adjustable seat (IA:0 B) (1007B)
A07	Radio (IU:0 B) (1000)
A08	Control unit, GPS receiver (Global Positioning System) (BU:2 D) (1000)
A09	Telephone (IX:0 C) (1000)
A10	CD player (IU:3 B)
A11	Control unit, door lock (IM:1 B) (1000)
A12A	Control unit, ABS (Anti-lock Brake System) (EI:0 B) (1007C)
A12B	Control unit, ABS (Anti-lock Brake System) (EE:0 B) (1007C)
A13A	Control unit, TECU (automatic transmission) (DE:0 C)
A13B	Control unit, TECU (automatic transmission) (DI:0 B) (1007C)
A13C	Control unit, TECU (automatic transmission) (DM:0 C) (1007C)
A13D	Control unit, TECU (automatic transmission) (DN:0 B)
A14	Control unit, EMS (Engine Management System) (CO:0 C/CS:2 C) (1030)
A15	Control unit, SRS (Supplementary Restrain System) (IS:0 B) (1000)
A16	Control unit, ECS (Electronic Controlled air Suspension) (FA:0 C/FG:0 D) (1007C)
A17	Control unit, VECU (Vehicle ECU) (BA:0 C) (1000)
A18	Control unit, roof hatch (IQ:0 C) (1006E)
A19A	Control unit, GECU (gear selector ECU) (Geartronic) (DB:1 C) (1007A/1007B/1484)
A19B	Control unit, GECU (gear selector ECU) (DB:2 C) (Powertronic) (1007A/1007B/1484)
A19C	Control unit, GECU (gear selector ECU) (DB:2 C) (I-shift) (1007A/1007B/1484)
A20	Control unit, Immobiliser (IM:3 D) (1000)
A21	Control unit, EBS (Electronic Brake System) (EO:0 C) (1007C)
A22	Control unit, FMS (Fleet Management System) (BU:0 C/IZ:3 B) (1000)
A23	Control unit, FMS, TMC (Traffic Message Channel) (BU:3 B) (1000)
A24	Control unit, information module trailer without ABS (CP:3 C)
A25	Control unit, ESP (Electronic Stability Program) (EQ:0 C) (1007C)
A26	Control unit, ACC (Adaptive Cruise Control) (BE:1 B) (1007C)
A27	Control unit, LCM (Light Control Module) (GB:0 C/GC:0 A/GA:0 B) (1000)
A28	Control unit, ADR/TRS battery main switch (AE:0 D) (1435B)
A29	Telephone handset, secrecy reciever (IX:1 B) (1000/1007A/1007B)
A30	Control unit, SWM (Steering Wheel Module) (IS:1 C) (1000)
A31	Control unit, burglar alarm (NK:0 C) (1000)
A32	Control unit, parking heater (HM:0 C) (1062)
A33	Tachograph (BM:1 B) (1000)
A33B	Tachograph (/BN:1 B) (1006)
A34B	Control unit, climate unit (HG:0 B) (1000)
A35	Control unit, remote receiver, door lock (IM:0 B) (1000)
A36	Control unit, BBM (Body Builder Module) (NC:1 B/NU:1 B) (1000)
A39	Control unit, camera (IZ:0 C) (1000)
A40 HID	Fuse holder, 3–fuses (GD:1 C) (1000)
A41	Component group transmission. Contains B23, B06 and Y17 (DN:0 D/DE:0 C/DM:2 B) (1403/1499)
A42	Component group transmission. Contains B26, Y21, Y22, Y23 and Y26 (DN:2 D/DE:2 C) (1494/1499)
A43	Electric fan control (B32 fan speed sensor, Y35 visco clutch) (CO:1 D) (1030)
A44	Fuel filter bracket (B51 fuel pressure sensor, M15 priming pump) (CO:2 D) (1030)
A45	Fuel pre filter (B52 water level sensor, R10 heater, Y38 water drain solenoid (CO:3 B) (1030)
A54	Control unit, Coolant level (CS:2 D)
A75	Yawrate sensor and power supply unit, ACC (BE:2 C) (1007C)
A80	Airdryer, electronical controlled (FQ:1 C) (1056)
A94	FMS Gateway, Fleet Management System (BX:0 B) (1000)
A96	Control unit, Roof cooler (HZ:1 B) (1018)
B02A	Thermostat, parking heater (HI:1 B) (1006A/1006E)
B02B	Thermostat, parking heater (HI:0 B) (1006A/1006E)
B02C	Thermostat, parking heater (HM:3 B) (1006A/1006E)
B02D	Thermostat, parking heater (HM:3 C) (1006A/1006E)
B03	Sensor, footbrake valve (EO:0 D) (1504)
B04	Sensor, engine speed, crankshaft (CO:0 D) (1030)
B05	Sensor, engine speed, camshaft (CO:0 D) (1030)
B06	Sensor, air pressure, air tank (BA:2 D) (1000)
B06A	Sensor, air pressure, air tank (DE:0 D) (1000)
B07	Sensor, fuel level (BI:2 C) (1040)
B08	Sensor, input shaft speed, gearbox (DE:3 B)
B09A	Sensor, oil temperature, gearbox (DE:2 D)
B09B	Sensor, oil temperature, gearbox (BI:2 C) (1494)
B10	Sensor, oil level (CO:0 C) (1030)
B10B	Sensor, oil level (FP:0 C) (1493)
B12	Sensor, tachograph/speedometer (BM:2 D) (1494)
B12B	Sensor, tachograph/speedometer (BM:2 D) (1494)
B13A	Sensor, wheel speed, lhs. 1:st front axle (EI:0 D/EE:0 D/EP:3 B) (1086)
B13B	Sensor, wheel speed, lhs. 1:st front axle (EP:1 B) (1086)
B14A	Sensor, wheel speed, rhs. 1:st front axle (EI:1 D/EE:1 D/EP:3 B) (1086)
B14B	Sensor, wheel speed, rhs. 1:st front axle (EP:2 B) (1086)
B15A	Sensor, wheel speed, lhs. 1:st driven rear axle (EI:2 D/EE:2 D/EP:2 D) (1086)
B15B	Sensor, wheel speed, lhs. 1:st driven rear axle (EP:1 D) (1086)
B16A	Sensor, wheel speed, rhs. 1:st driven rear axle (EI:3 D/EE:3 D/EP:2 D) (1086)
B16B	Sensor, wheel speed, rhs. 1:st driven rear axle (EP:1 D) (1086)
B17	Sensor, wheel speed, lhs. 2:nd driven rear axle (EP:1 D) (1086)
B18	Sensor, wheel speed, rhs. 2:nd driven rear axle (EP:1 D) (1086)

B19	Sensor, wheel speed, lhs. 2:nd front axle (EP:1 B) (1086)
B20	Sensor, wheel speed, rhs. 2:nd front axle (EP:2 B) (1086)
B21	Sensor, coolant temperature, engine (CO:1 D) (1030)
B22	Sensor, outdoor temperature (BI:2 C) (1504)
B23A	Sensor, oil temperature, retarder (DE:1 D)
B23B	Sensor, oil temperature, retarder (DI:0 D) (1494)
B24	Sensor, air pressure, bogie lift bellow (FA:0 D) (1072)
B25	Sensor, accelerator pedal (BA:4 D) (1000)
B26A	Sensor, clutch postion (DE:2 D)
B27	Sensor, battery charging (BI:2 C) (1435A/1435B)
B28	Sensor, chassi level, front axle (FA:1 D) (1072)
B29B	Sensor, chassi level, lhs. rear axle (FA:1 D) (1072)
B30	Sensor, chassi level, rhs. rear axle (FA:2 D) (1072)
B31	Sensor, control lever unit, tipper (NR:1 B) (1007A/1007B)
B34A	Sensor, gear position (DE:2 B)
B34B	Sensor, gear position (DE:3 B)
B35	Sensor, range gear position (DE:3 B)
B36	Sensor, split gear position (DE:3 B)
B37	Sensor, boost pressure and boost temperature (CO:0 D) (1030)
B38	Sensor, oil pressure and oil temperature (CO:1 D) (1030)
B39	Sensor, air filter pressure and air filter temperature (CO:1 B/CS:1 D) (1030)
B40A	Sensor, brake lining wear indicator, lhs. 1:st front axle (EP:2 B) (1086)
B40B	Sensor, brake lining wear indicator, lhs. 1:st front axle (EP:0 B) (1086)
B41A	Sensor, brake lining wear indicator, rhs. 1:st front axle (EP:3 B) (1086)
B41B	Sensor, brake lining wear indicator, rhs. 1:st front axle (EP:1 B) (1086)
B42	Sensor, brake lining wear indicator, lhs. 1:st driven rear axle (EP:1 D/EP:0 D) (1086)
B43	Sensor, brake lining wear indicator, rhs. 1:st driven rear axle (EP:2 D/EP:0 D) (1086)
B44	Sensor, brake lining wear indicator, lhs. 2:nd driven rear axle (EP:0 D) (1086)
B45	Sensor, brake lining wear indicator, rhs. 2:nd driven rear axle (EP:0 D) (1086)
B46	Sensor, brake lining wear indicator, lhs. 2:nd front axle (EP:0 B) (1086)
B47	Sensor, brake lining wear indicator, rhs. 2:nd front axle (EP:2 B) (1086)
B49	Sensor, steering angle (EQ:0 D) (1000)
B49A	Sensor, steering angle (EO:3 A) (1000)
B50	Sensor, yaw-rate (EQ:1 D) (1507)
B50A	Sensor, yaw-rate (EO:4 B) (1507)
B54	Sensor, crank case pressure (CO:0 B) (1030)
B55	Sensor, air pressure, suspension bellows, 3:th axle (FA:0 D) (1072)
B56	Sensor, air pressure, suspension bellows, front axle (FA:0 D) (1072)
B57	Sensor, air pressure, suspension bellows, lhs. rear (FA:0 D) (1072)
B58	Sensor, air pressure, suspension bellows, rhs. rear (FA:1 D) (1072)
B59	Sensor, indoor temperature (HG:1 B) (1000)
B60DD	Loudspeaker (IU:1 D) (1083)
B60DP	Loudspeaker (IU:1 D) (1083)
B60LF	Loudspeaker (IU:0 D) (1000)
B60LR	Loudspeaker (IU:2 D) (1006D/1006E)
B60RF	Loudspeaker (IU:1 D) (1000)
B60RR	Loudspeaker (IU:2 D) (1006D/1006E)
B61L	Loudspeaker, treble (IU:0 D) (1000)
B61R	Loudspeaker, treble (IU:1 D) (1000)
B64	Sensor, air pressure, valve unit gearbox (DE:1 D)
B67	Rear view camera (IZ:2 D) (1000)
B68	Sensor, output shaft speed, gearbox (DI:2 D) (1494)
B69A	Sensor, coolant temperature, retarder (DE:1 D)
B69B	Sensor, coolant temperature, retarder (DM:3 B) (1403)
B69C	Sensor, coolant temperature, retarder (DN:0 D) (1403)
B70	Sensor, wheel speed, lhs., pusher axle (EP:2 D) (1086)
B71	Sensor, wheel speed, rhs., pusher axle (EP:3 D) (1086)
B72	Sensor, wheel speed, lhs., tag axle (EP:4 D) 1086)
B73	Sensor, wheel speed, rhs., tag axle (EP:4 D) (1086)
B74	Sensor, brake lining wear indicator, lhs., pusher axle (EP:2 D) (1086)
B75	Sensor, brake lining wear indicator, rhs., pusher axle (EP:3 D) (1086)
B76	Sensor, brake lining wear indicator, lhs., tag axle (EP:3 D) (1086)
B77	Sensor, brake lining wear indicator, rhs., tag axle (EP:3 D) (1086)
B80	Handsfree, Loudspeaker, Microphone (IX:0 B)
B90	Transmitter, movement sensor (NK:2 D) (1006B/1006E)
B91	Reciever, movement sensor (NK:3 D) (1006B/1006E)
B118	Sensor, oil pressure (CO:1 D) (1030)
B119	Sensor, oil level and oil temp (CO:0 C) (1030)
B120	Radar ACC, Adaptive Cruise Control (BE:1 D) (1502)
B138	Sensor, Control pressure retarder (DI:3 B) (1494)
B148	Sensor, boost pressure (CO:0 D) (1030)
D01	Time delay relay, bogie lift, axle load limiter (FK:3 B) (1007C)
E01	Lamp, full beams (GA:2 C/GA:3 C) (1502/1503)
E02	Lamp, dipped beams (GA:2 D/GA:3 D) (1502/1503)
E03	Lamp, spot light (GA:1 C/GA:3 C) (1502/1503)
E03A	Lamp, spot light (NI:0 C)
E03B	Lamp, spot light (NI:1 C)
E05	Lamp, 5:th wheel light (KE:0 D) (1063)
E06	Lamp, reversing light (GC:1 D/GC:2 D) (1040)
E07	Lamp, fog light (GA:1 C/GA:3 C) (1502/1503)
E08	Lamp, parking light, front (GA:1 D/GA:3 D) (1502/1503)
E09	Lamp, brake light (GC:1 D/GC:2 D) (1040)
E10	Lamp, tail light (GC:1 D/GC:2 D) (1040)
E11LC	Lamp, side marker light (GC:0 D) (1077)
E11LF	Lamp, side marker light (GC:0 D) (1077)
E11LR	Lamp, side marker light (GC:0 D) (1077)
E11LW	Lamp, side marker light (GC:0 D) (1077)
E11RC	Lamp, side marker light (GC:3 D) (1077)
E11RF	Lamp, side marker light (GC:3 D) (1077)
E11RR	Lamp, side marker light (GC:3 D) (1077)
E11RW	Lamp, side marker light (GC:3 D) (1077)
E12L	Lamp, roof position light (GA:4 C) (1006A)
E12R	Lamp, roof position light (GA:1 C) (1006A)
E13	Lamp, direction indicator (GC:1 D/GC:2 D) (1040)
E13F	Lamp, direction indicator (GA:2 C/GA:3 C) (1502/1503)
E13L	Lamp, direction indicator (GA:2 C) (1502)
E13R	Lamp, direction indicator (GA:3 C) (1503)
E14A	Lamp, beacon warning lamp (KM:2 D) (1047)
E14AR	Lamp, beacon warning lamp (KM:1 C) (1047)
E14B	Lamp, beacon warning lamp (KM:1 D) (1047)

E14BR	Lamp, beacon warning lamp (KM:2 C) (1047)
E15	Lamp, cigarette lighter illumination (IQ:2 C) (1000)
E16DS	Lamp, instep light (IH:2 C) (1083)
E16PS	Lamp, instep light (IH:2 C) (1083)
E17L	Lamp, interior light (IH:1 C) (1006B/1006E)
E17R	Lamp, interior light (IH:1 C) (1006B/1006E)
E18C	Lamp, reading light (IH:0 C) (1006D)
E18L	Lamp, reading light (IH:0 C) (1006D/1006E)
E18LB	Lamp, reading light (IH:0 C) (1006D/1006E)
E18LC	Lamp, reading light (IH:0 C) (1006C/1006E)
E18R	Lamp, reading light (IH:1 C) (1006D/1006E)
E18RB	Lamp, reading light (IH:1 C) (1006D/1006E)
E18RC	Lamp, reading light (IH:0 C) (1006C)
E19C	Lamp, identification light, roof (GA:0 D) (1006A/1436)
E19L	Lamp, identification light, roof (GA:0 D) (1006A/1436)
E19R	Lamp, identification light, roof (GA:0 C) (1006A/1436)
E20	Lamp, ashtray illumination (IQ:2 C) (1000)
E21	Lamp, rear fog light (GC:1 D/GC:2 D) (1040)
E22	Lamp, roof sign illumination (KI:0 C) (1436)
E23	Lamp, luggage compartment illumination (IH:4 C) (1007A)
E24	Lamp, storage tray illumination (IQ:1 D) (1000)
E26L	Headlight module (GA:1 C) (1502)
E26R	Headlight module (GA:3 C) (1503)
E27L	Tail lamp module (GC:1 D) (1040)
E27R	Tail lamp module (GC:2 D) (1040)
E28	Parking heater (HI:0 C/HM:0 D) (1007A/1062)
E32ATC	Climate unit (HY:2 C) (1000)
E32ECC	Climate unit (HG:1 C) (1000)
E33LF	Lamp, additional load lamps (revers lamps) (NA:0 D) (1506A)
E33LR	Lamp, additional load lamps (revers lamps) (NA:0 D) (1506A)
E33RF	Lamp, additional load lamps (revers lamps) (NA:1 D) (1506A)
E33RR	Lamp, additional load lamps (revers lamps) (NA:1 D) (1506A)
E34	Lamp, bodybuilder-centre light (IH:2 D) (1000)
E39L	Licence Plate Illumination (GC:1 D) (1040)
E39R	Licence Plate Illumination (GC:2 D) (1040)
E51C	Simple lamp, interior light (HZ:0 B) (1018)
G01A	Battery (AA:0 C/AE:0 C/CS:0 C)
G01B	Battery (AA:0 D/AE:0 D/CS:0 D)
G02	Alternator (AA:2 D/AE:3 D/CS:1 D) (1025)
H01	Horn, air-operated (GQ:1 B) (1502)
H02	Horn (GQ:1 B) (1502)
H03	Reverse warner, acoustic (GC:1 D/GC:2 D) (1040)
H06	Siren (NK:3 D) (1502/1503)
K1	Relay, starting switch, radio position (AA:3 B) (1000)
K2	Relay, EMS (Engine Management System) (BA:1 A) (1000)
K3	Relay, starter motor (AA:1 C) (1000)
K3B	Relay, starter motor, Cummins (CS:1 C)
K4	Relay, bodybuilder fuse box (kl.15) (ME:2 A) (1000)
K5	Relay, automatic transmission (DB:1 A/DM:0 A) (1000)
K6	Relay, fan climate unit (HY:0 B) (1000)
K7	Relay, intermittent wiper (GM:1 C) (1000)
K8	Relay, gearbox area inhibitor (BA:1 A) (1000)
K9	Relay, interior lamps (IH:1 A) (1000)
K10	Relay, fifth wheel-, working-light (KE:0 C) (1000)
K11	Relay, air suspension (FA:4 B) (1000)
K12	Not used (ME:4 B) (1000)
K13	Relay, alternator controled (AA:4 C) (1000)
K14	Time delay relay, bogie lift, A-ride (FK:1 C) (1000)
K15	Time delay relay, bogie lift, A-ride, with axle load limiter (FK:2 C) (1000)
K16	Relay, bogie lift, A-ride, with axle load limiter (FK:1 C) (1000)
K18	Relay, hydraulic steered axle (FP:1 B) (1000)
K20	Relay, D+ short-circuit, (ADR-trucks only) (AE:4 D) (1000)
K21	Relay, el. adjustable seat (IA:2 B) (1000)
K22	Relay, climate fan, 1:st speed (by parking heater) (HY:1 B) (1000)
K23	Relay, cab tilt (KA:0 C) (1000)
K24	Relay, central lubrication (FU:0 B) (1000)
K25	Relay, light sign (KI:1 C) (1000)
K26A	Relay, foldable rearview mirror arm, Japan (IF:0 C) (1000)
K26B	Relay, foldable rearview mirror arm, Japan (IF:1 C) (1000)
K27	Relay, gas discharge lamp, dipped beam, lhs (GD:1 C) (1000)
K28	Relay, gas discharge lamp, dipped beam, rhs (GD:1 C) (1000)
K30	Relay, beacon warning light (KM:0 B) (1000)
K35	Relay, headlamp high pressure wash (GM:0 C) (1000)
K37A	Relay, parking light (NR:0 C)
K37B	Relay, parking light (NA:0 C)
K38	Relay, pressure selection, tipper trailer (NA:1 C)
K38A	Relay, pressure selection, tipper trailer (NR:1 C) (1000)
K38B	Relay, pressure selection, tipper trailer (NR:1 C) (1000)
K39A	Relay, prepared wirings for body-builder (auxsw-6) A (NR:2 C)
K39B	Relay, prepared wirings for body-builder (auxsw-6) A (NA:1 C)
K40A	Relay, prepared wirings for body-builder (auxsw-6) B (NR:3 C)
K40B	Relay, prepared wirings for body-builder (auxsw-6) B (NA:2 C)
K41A	Relay, prepared wirings for body-builder (auxsw-6) C (NR:3 C)
K41B	Relay, prepared wirings for body-builder (auxsw-6) C (NA:3 C)
K42	Relay, spotlights (NI:1 B) (1000)
K43	Relay, external engine start (NC:3 C) (1000)
K45	Relay, prepared wirings for body-builder (NU:2 B) (1000)
K48	Power relay, engine preheating (CM:2 B) (1435A/1435B)
K49	Power relay, bogie lift motor (FK:3 D) (1037)
K51	Power relay, battery main switch (AA:0 C/CS:0 C) (1435A)
K52	Power relay, ADR battery main switch (AE:0 B) (1435B)
K54	Relay, 12V ABS Trailer (CP:2 D)
L01	Reactor, light sign illumination (KI:0 D)
L01L	Reactor, light sign illumination (KI:2 C)
L01R	Reactor, light sign illumination (KI:2 D)
M01	Motor, windscreen wiper (GM:2 C) (1504)
M02	Motor, windscreen washer pump (GM:0 D) (1503)
M03	Motor, headlamp high pressure washer pump (GM:1 D) (1503)
M04	Motor, starter motor (AA:0 D/AE:2 D/CS:0 C) (1025)
M05	Motor, hydraulic bogie lift pump unit (FK:3 C) (1037)
M06DS	Motor, window winder (IE:2 C) (1083)
M06PS	Motor, window winder (IE:3 C) (1083)
M08	Motor, levelling control, headlights (GA:1 C/GA:3 C) (1502/1503)

M09DS	Motor, door lock (IM:1 D) (1083)
M09PS	Motor, door lock (IM:2 D) (1083)
M10	Motor, roof hatch (IQ:0 E)
M11	Motor, cab tilt pump (KA:0 D) (1502/1503)
M13	Motor, coolant pump, parking heater (HP:0 C) (1062)
M14	Motor, central lubrication pump (FU:0 C) (1401)
M17	Motor, foldable rearview mirror arm, Japan (IF:0 D) (1470)
M27	Motor, roof cooler fan (HZ:1 C) (1018)
M28	Motor, washer, roof cooler (HZ:2 C) (1018)
R01	Heater, engine preheat (CO:3 B) (1030)
R02L	Heater, rear-view mirror (IE:0 D) (1504)
R02R	Heater, rear-view mirror (IE:1 D) (1504)
R04	Cigarette lighter (IQ:2 C) (1000)
R05	Heater, air dryer (FQ:0 C) (1056)
R08	Termination resistor, CAN-bus (CS:3 B)
R11	Heater, coffee maker (ME:1 B) (1000)
R13	Resistor, LCP headlight adjust (GU:1 B) (1000)
R14	Termination resistor (XB:2 D)
R14B	Termination resistor (DI:3 D)
R17	Resistor (AA:2 C/AE:4 C) (1000)
R18	Heater, electronic controlled air dryer (FQ:1 C) (1056)
S01	Switch, main lighting, selector type (GA:0 A/GU:1 B) (1000)
S02	Stalk switch, full-/dipped beam, direction indicator (GA:2 B) (1000)
S03	Switch, loading lamps/working lamps (KE:1 B) (1000)
S03B	Switch, loading lamps/working lamps (NR:0 B)
S04	Switch unit, climate fan (HY:1 B) (1000)
S05A	Switch, interior light, selector type (IH:3 B) (1000)
S05B	Switch, interior light, selector type (IH:3 B) (1006D/1006E)
S06	Stalk switch, windscreen wiper, selector type (GM:3 B) (1000)
S07	Switch, engine brake, selector type (BA:3 B) (1000)
S07A	Switch, engine brake, selector type (CP:0 B) (1000)
S07B	Switch, engine brake, selector type (CP:1 B) (1000)
S08	Switch, differential gear lock, rear wheels (DU:0 B) (1000)
S09	Switch, differential gear locks, inter axles and rear wheels, selector type (DU:1 B) (1000)
S10	Switch, sign light, roof (KI:1 B) (1006A)
S11	Switch, bogie lift, selector type (FK:0 B) (1000)
S11A	Switch, bogie lift, selector type (FA:3 B) (1000)
S11B	Switch, bogie lift, selector type (NR:4 B) (1000)
S14A	Switch, push button, horn (GQ:1 D)
S14B	Switch, push button, horn (GQ:1 D)
S15	Switch, starting (AA:2 B/AE:0 B) (1000)
S16	Switch, push button, air horn (GQ:2 D)
S17	Switch, front wheel drive (DU:2 B) (1000)
S18	Switch, differential gear lock, front (DU:2 B) (1000)
S19	Switch, extra (NA:2 B)
S19C	Switch, extra (NR:2 B) (1000)
S20B	Switch, 3:rd axle lock (NR:3 B) (1000)
S21A	Switch, parking heater (HI:2 B/HM:2 B) (1000)
S21B	Switch, parking heater (HI:3 B) (1006D/1006E)
S23	Switch, roof hatch, selector type (IQ:0 B) (1006A)
S24	Stalk switch, retarder, selector type (BA:3 B) (1000)
S25	Switch unit, cruise control (BA:2 B) (1000)
S26A	Switch, cab tilt pump (KA:0 B) (1000)
S26B	Switch, cab tilt pump (KA:0 D) (1502/1503)
S27	Switch, storage tray illumination (IQ:1 C) (1000)
S28	Switch, power take off (DQ:0 B) (1000)
S28A	Switch, power take off (NC:0 C/NU:0 B) (1000)
S30	Switch unit, multi-function display (BI:3 C) (1000)
S31	Switch, TCS (Traction Control System) (EO:1 A) (1000)
S32	Switch, brake hold (EO:1 B) (1000)
S33	Switch, trailer brake (EO:0 B) (1000)
S34	Switch unit, steering wheel push buttons (IS:1 D) (1000)
S36DS	Switch unit, door functions (IE:0 B) (1083)
S36PS	Switch unit, door functions (IE:3 B) (1083)
S37	Switch, rear view camera, camera activation (IZ:1 B) (1000)
S38	Switch, ADR, emergency switch, cab (AE:1 B) (1000)
S39	Switch, ADR, emergency switch, exterior (AE:1 C) (1007A)
S39B	Switch, ADR, emergency switch, exterior (AE:2 C) (1007B)
S40	Switch, rear view camera, camera selection (IZ:2 B)
S41	Switch, battery main switch control (AA:0 C) (1435A)
S42	Switch, pressure selector, power take off (NR:1 B) (1000)
S43	Pressure switch, parking brake indicator, NC. (BA:1 D) (1000)
S45	Position switch, differential gear lock indicator, rear wheels, NC. or NO. (DU:3 C) (1040)
S45R	Position switch, differential gear lock indicator, rear wheels, NC. or NO. (DU:3 C) (1040)
S46	Pressure switch, bogie lift indicator, NO. (FK:3 E) (1037)
S47	Position switch, low split indicator, NO. (BI:1 D) (1494)
S48A	Pressure switch, brake light, NO. (GB:3 B) (1401)
S48B	Pressure switch, brake light, NO. (GB:3 B) (1401)
S48C	Pressure switch, brake light, NO. (GB:3 A) (1000)
S49	Position switch, reverse lamps, NO (GB:3 D) (1494)
S52L	Proximity switch, cab lock, NO. (BI:3 C) (1007A)
S52R	Proximity switch, cab lock, NO. (BI:3 D) (1007B)
S53	Position switch, front-wheel drive indication, NO. (DU:4 C) (1458)
S54	Position switch, differential gear lock, front-wheels, NO. (DU:4 C) (1458)
S55	Thermal switch (HP:0 C) (1062)
S56	Thermal switch, bogie lift, NC (FK:3 D) (1037)
S57L	Position switch, luggage compartment lighting, NC. (IH:4 D) (1007A)
S57R	Position switch, luggage compartment lighting, NC. (IH:3 D) (1007B)
S58	Position switch, clutch pedal, NO. (BA:3 D) (1000)
S59	Position switch, brake pedal, NO. (BA:3 D) (1000)
S60	Pressure switch, oil, power steering, NC. (FP:0 C) (1493)
S60A	Pressure switch, oil, power steering, NC. (BI:0 D) (1493)
S60B	Pressure switch, oil, power steering, NC. (BI:1 D) (1493)
S63	Position switch, low range gear (BA:0 B) (1494)
S64	Pressure switch, air pressure, parking brake tank, NC. (EO:1 B) (1000)
S66L	Switch unit, ECS (electronic controlled susp.), full air suspension (FA:2 D) (1007A/1007B)
S68	Sensor, coolant level (CO:1 C/CS:3 D) (1030)
S69	Proximity switch, bogie lift position, NO. (FK:1 D) (1037)
S70	Position switch, flow sensor, power-steering, NC. (BI:1 D) (1493)
S70A	Position switch, flow sensor, power-steering, NC. (FP:1 C) (1493)

S71	Pressure switch, compressor charging, NO. (BA:0 D) (1056)
S72	Switch, water separator draining (CU:0 B) (1000)
S73	Switch, acoustic reverse warning (GC:3 A) (1006A)
S74	Switch, short stop cab heater (HP:0 B) (1000)
S75	Switch, beacon warning light (KM:0 B) (1000)
S76	Switch, spotlights (NA:4 B)
S76A	Switch, spotlights (NI:2 C) (1006A)
S77	Switch, emergency call (BU:0 A) (1000)
S78	Switch unit, TIS (Trafic Information System) (BU:2 B) (1000)
S79A	Switch, additional work lamps (revers lamps), manual turn on (NA:1 B)
S79B	Switch, additional work lamps (revers lamps), manual turn on (NA:1 B)
S79D	Switch, additional work lamps (revers lamps), manual turn on (NA:0 B)
S80	Position switch, front hatch (NK:1 D) (1504)
S83	Switch, container lock (NA:3 B)
S84	Switch, tachograph mode (BN:0 B) (1006)
S86	Switch, foldable rearview mirror arm, Japan (IF:1 B) (1000)
S88L	Position switch, door, NC (NK:0 D) (1007A)
S88R	Position switch, door, NC (NK:0 D) (1007B)
S95	Switch, Panic alarm (NK:2 A) (1000)
S96	Switch, Reduced set, Alarm (NK:2 B) (1000)
U01_A	Modulator, EBS, left front (EP:0 A) (1086)
U02_A	Modulator, EBS, right front (EP:1 A) (1086)
U03_A	Modulator, EBS, rear axle (EP:1 C) (1086)
U03_B	Modulator, EBS, rear axle (EP:0 C) (1086)
U04_A	Modulator, EBS, pusher axle (EP:2 B) (1086)
U05_A	Modulator, EBS, trailer (EO:3 B) (1401)
U06B11	Voltage converter (IR:1 B) (1007C)
U06R11	Voltage converter (IR:1 B) (1007C)
U06R19	Voltage converter (IR:0 B) (1007C)
U07_A	Modulator, EBS, tag axle (EP:3 C) (1086)
U08_A	Modulator, EBS, front (EP:2 A) (1086)
U10	Voltage converter, 12V ABS Trailer (CP:4 B)
V02	Diode module (AE:2 B) (1000)
V03	Diode (EC:0 B)
V04	Diode (FK:0 D) (1037)
V05	Diode (FK:2 D)
V07	LED, indicator, Alarm (NK:2 C) (1000)
V08	Diode (NU:2 B) (1000)
V09	Diode (CP:4 B)
V10	Diode (CP:2 C)
V11	Diode (CP:3 C)
V21	Diode (IX:2 B)
V22	Diode (AA:1 C)
W02	Antenna, immobiliser (IM:3 C) (1000)
W03	Antenna, remote door lock (IM:0 B) (1000)
X01	Connector, vehicle diagnostics (XA:0 C) (1000)
X01B	Connector, vehicle diagnostics (XA:0 C)
X01C	Connector, vehicle diagnostics (XA:0 C)
X02	Trailer connection, ABS/EBS (1063)
X03	Trailer connection, 15–pole unit (1063)
X04	Trailer connection, 7–pole unit, 24 N (1063)
X05	Trailer connection, 7–pole unit, 24 S (1063)
X06	Connector, 31–pole, in lhs. frame side, for body builder preparations (1505)
X07B	Socket, 12V (IR:1 D) (1000)
X08	Contact reel, air bag (IS:0 C) (1000)
X09	Slip contact, horn (GQ:1 C) (1000)
X10	B+ pass through, cab (AA:1 A) (1000)
X11	Power connector, engine (AA:0 D/AE:2 C/CS:0 D)
X12	Power connector (CO:3 B/CM:3 D)
X16	Power connector, engine (AA:0 D/AE:2 C/CO:3 B/CM:3 D)
X25	Power connector, bogie lift/extra equipment (AA:0 B/AE:1 A)
Y02	Solenoid valve, differential lock, rear wheels (DU:1 D) (1401)
Y03	Solenoid valve, differential lock, inter axles, rear (DU:1 D) (1401)
Y05	Solenoid valve, bogie lift (FK:0 D) (1037)
Y06	Solenoid valve, range inhibitor (BA:0 B) (1494)
Y08	Solenoid valve, front-wheel drive (DU:2 D) (1458)
Y09	Solenoid valve, differential lock, front axle (DU:2 D) (1458)
Y10	Solenoid valve, 3:rd axle lock (FM:0 C) (1072)
Y11	Solenoid valve unit, ABS, lhs. front (EE:0 D/EI:0 D) (1086)
Y11_A	Solenoid valve unit, ABS, lhs. front (EO:3 D) (1086)
Y12	Solenoid valve unit, ABS, rhs. front (EE:1 D/EI:1 D) (1086)
Y12_A	Solenoid valve unit, ABS, rhs. front (EO:4 D) (1086)
Y13	Solenoid valve unit, ABS, lhs. rear (EE:2 D/EI:2 D) (1086)
Y14	Solenoid valve unit, ABS, rhs. rear (EE:3 D/EI:3 D) (1086)
Y17A	Solenoid valve, retarder (DE:0 D)
Y17B	Solenoid valve, retarder (DI:2 D) (1494)
Y18	Solenoid valve, PTO (Power Take Off) (DE:2 B) (1499)
Y18A	Solenoid valve, PTO (Power Take Off) (DQ:0 D) (1401)
Y18B	Solenoid valve, PTO (Power Take Off) (DI:0 C) (1494)
Y18C	Solenoid valve, PTO (Power Take Off) (NC:0 D/NU:0 D)
Y18G	Solenoid valve, PTO (Power Take Off) (DN:2 B) (1499)
Y18H	Solenoid valve, PTO (Power Take Off) (DN:2 B) (1499)
Y21	Solenoid valve, slow clutch disengage (DE:2 D)
Y22	Solenoid valve, fast clutch disengage (DE:3 D)
Y23	Solenoid valve, fast clutch engage (DE:3 D)
Y25	Solenoid valve unit, level control, air suspension (FA:1 B) (1072)
Y26	Solenoid valve, slow clutch control (DE:2 D)
Y29	Solenoid valve unit, trailing axle (FA:2 B) (1072)
Y30A	Solenoid valve unit, gearbox (DE:0 B)
Y30B	Solenoid valve unit, gearbox (DE:1 B)
Y30C	Solenoid valve unit, gearbox (DI:0 D) (1494)
Y31	Solenoid valve, area inhibitor (BA:1 B) (1494)
Y32	Fuel dosing pump, parking heater (HI:0 B/HM:0 D) (1040)
Y33	Solenoid valve, UI (Unit Injectors) (CO:2 D) (1030)
Y36	Solenoid valve, steerable axle (FP:1 C) (1493)
Y37	Solenoid valve unit, AVU (CO:2 B) (1030)
Y39	Solenoid valve, VCB (CO:3 D) (1030)
Y40	Solenoid valve unit, front axle, air suspension (FA:0 B) (1072)
Y42	Clutch, magnetic, air conditioning compressor (HG:0 D/HY:2 D/CS:2 D) (1025)
Y43L	Seat belt tensioner, pyrotechnical (IS:2 D) (1007A)
Y43R	Seat belt tensioner, pyrotechnical (IS:3 D) (1007B)
Y44	Air-bag, pyrotechnical (IS:0 D)
Y45A	Solenoid valve unit, tipper body (NR:0 D) (1506B)
Y45B	Solenoid valve unit, tipper body (NR:1 D) (1506B)
Y45C	Solenoid valve unit, tipper body (NR:1 D) (1506B)
Y45D	Solenoid valve unit, tipper body (NR:1 D) (1506B)
Y48	Solenoid valve, container lock (NA:3 D) (1506A)
Y49	Solenoid valve, parking brake (NU:2 C) (1504)
Y51A	Solenoid valve, regeneration (FQ:2 C) (1056)
Y51B	Solenoid valve, compressor control (FQ:2 C) (1056)

Y52	Clutch, magnetic, engine fan (CS:4 B)
Y72	Solenoid valve, Airhorn (GQ:0 B) (1504)

Abbreviations

ABS	Antilock brake system
ACC	Adaptive cruise control
ACU	Alarm control unit
ADR-BAS1	ADR adaption, 1 switch
ADR-BAS2	ADR adaption, 2 switches
ATC	Automatic temperature control
AUS	Australia
AUXSW-6	Wiring for six auxiliary switches for body building
AWD	All wheel drive
BBM	Body builder module
BBOX-R	Battery box right hand side
CLU	Central locking unit
CU-ACAUT	Air condition, automatic
CU-ACMAN	Air condition, manual
CU-BAS	Basic version with stepper motor without air condition
CU-ECC	Electronic controlled climate control air condition
CU-HEAT	Heater unit
CU-MCC	Manual controlled climate control air condition
EBS	Electronic brake system
ECS	Electronic controlled air suspension
ELCE-CK	Electrical complete kit for body builder
ENG-VE9	Volvo engine 9 liter
ENG-VE12	Volvo engine 12 liter
ENG-VE16	Volvo engine 16 liter
ESP	Electronic stability program
FMS	Fleet management system
GECU	Gear selector electronic control unit
GSS-AGS	Automatic gear shifting system
HL-BASIC	Basic headlamps
HL-HID	High intencity discharged headlamps
HYDRKIT	Hydraulic kit
ISX	Engine variant (Australia only)
LCM	Light control module
L1H1	Short cab
L2H1	Long cab
L2H2	Long high cab (Globetrotter)
LF	Left front
LHD	Left hand drive
LHS	Left hand side
LR	Left rear
MECHTRAN	Mechanical transmission
PA-HYDRS	Hydraulic steered pusher axle
PCB	Printed circuit board
PH-CAB	Cab parking heater
PH-ENGCA	Engine and cab parking heater
PSS-DUAL	Power steering system dual
PTO	Power take off
RADT-AR	6x2, leaf spring (A-ride)
RCU	Remote control unit
RF	Right front
RHD	Right hand drive
RHS	Right hand side
RIGID	Plattform or tipper truck
RR	Right rear
SI-GRAF	Tachograph
SI-GRAFR	Tachograph
SI-SPEED	Speedometer
SPEED-DU	Dual speed limiter
SRS	Supplementary restrain system
STWPOS-L	Steering wheel position left hand side
STWPOS-R	Steering wheel position right right hand side
SUSPL-EC	Air suspension, electronic control system levelling device
SUSPL-M	Air suspension, manual regulation levelling device
SWAPBODY	Swap body
SWM	Steering wheel module
TA-HYDRS	Hydraulic steered tag axle
TECU	Transmission electronic control unit
TMC	Traffic message channel
TRACTOR	Semi-trailer tractor
TREL7-7	Trailer connectors 2x7-unit
UADR	Without ADR adaption
URETARD	Without retarder
USUSPLEV	Without air suspension levelling device
VECU	Vehicle electronic control unit

Cable colour code

BL	Blue
BN	Brown
GN	Green
GR	Grey
OR	Orange
P	Pink
R	Red
SB	Black
VO	Violet
W	White
Y	Yellow

Note: If a wire have two colours, this is written out like the following example: Y/R = Yellow/Red.

Feedback

One of our objectives is that workshop personnel should have access to correct and appropriate service manuals where it concerns fault tracing, repairs and maintenance of Volvo vehicles.
In order to maintain the high standards of our literature, your opinions and experience when using this manual would be greatly appreciated.
If you have any comments or suggestions, make a copy of this page, write down your comments and send them to us, either via telefax or mailing directly to the address listed below.

To

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From

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Comments/proposals

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Concerns Service Manual: .....

Volvo Truck Corporation
Göteborg, Sweden

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