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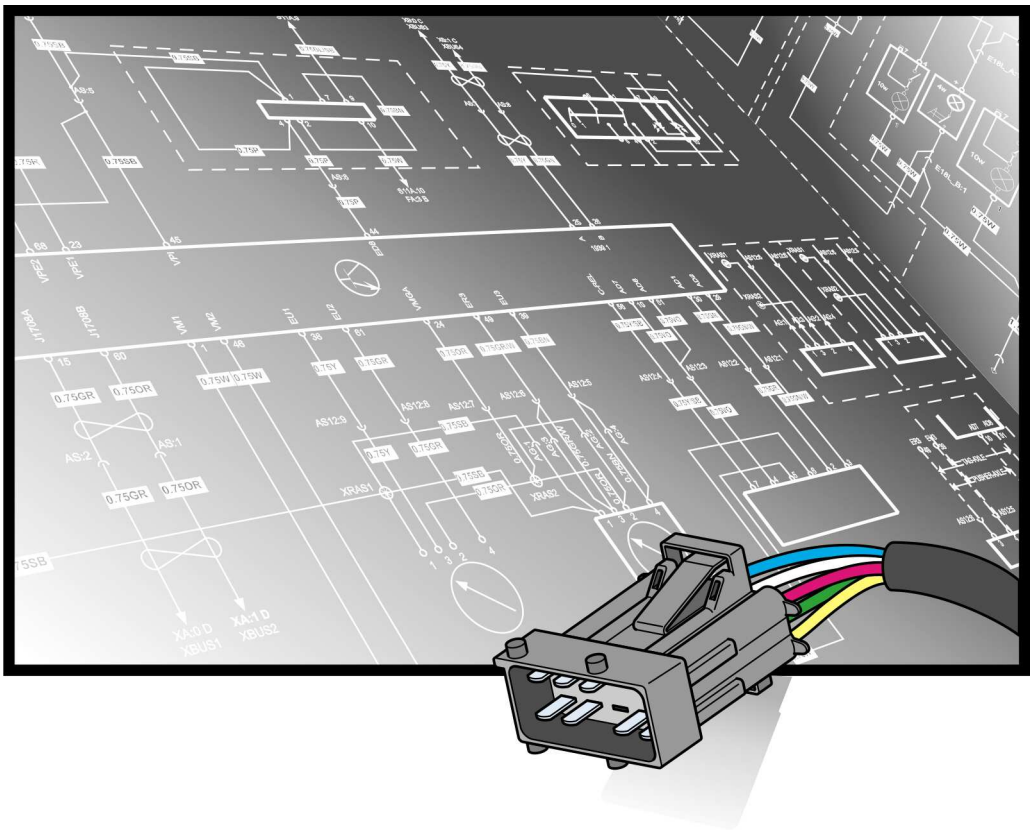
# SERVICE INFORMATION

Volvo Truck Corporation

# Wiring diagram

## FH (4)

CHID A740874–
CHID B645496–
CHID D200003–
CHID W112925–



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# Foreword

The descriptions and service procedures contained in this manual are based on designs and methods studies carried out up to December 2012.

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, an updated version of this manual will be issued to cover the changes.

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

**Note: Check always the latest information at the “Wiring diagrams-site”.**

**Order number: 89130543**

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# Component wiring diagram index

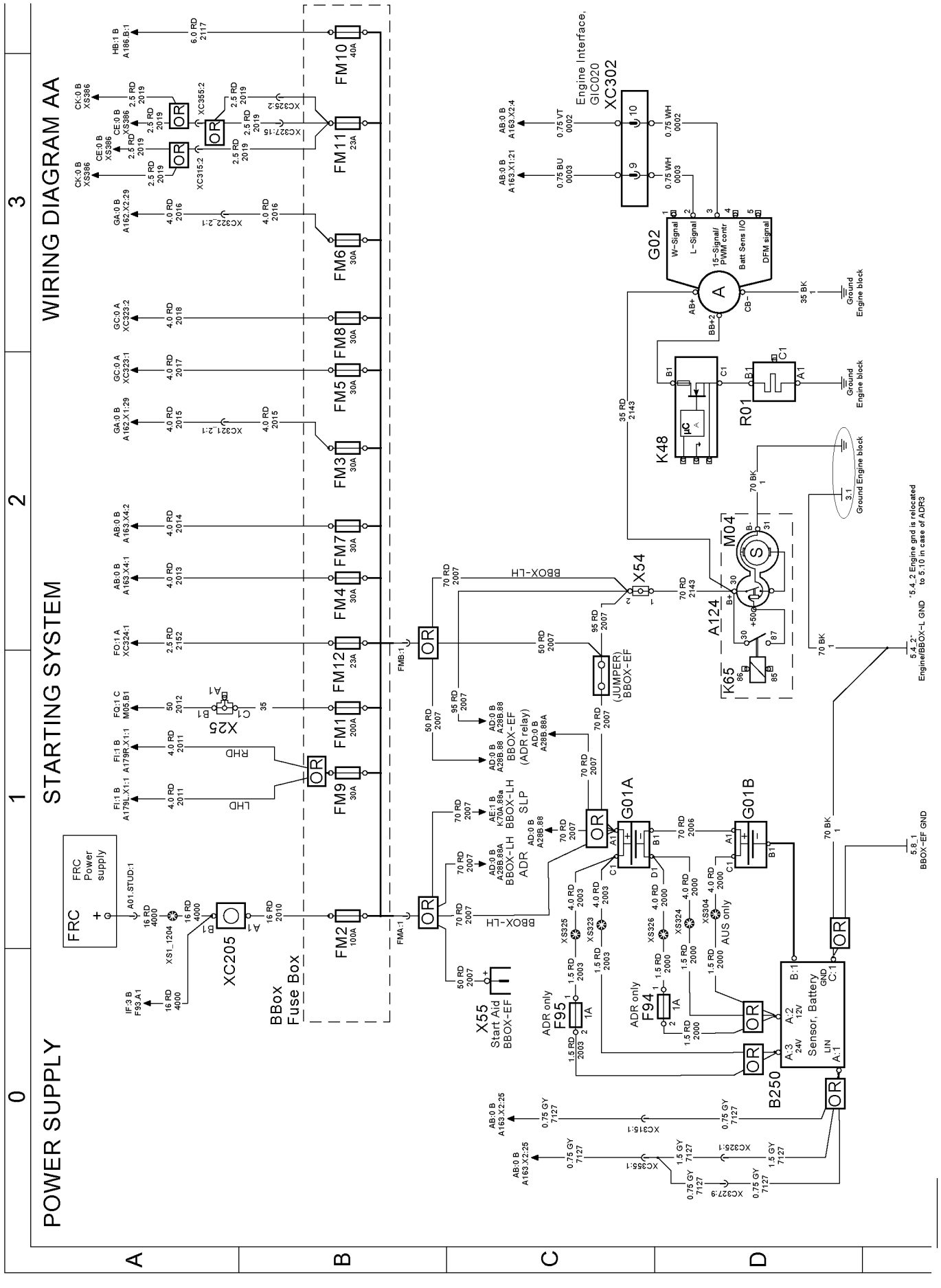

| | | |
|---|---|---|
| **AA** | Power supply, starting system | “ ”, page 5 |
| **AB** | Power distribution, CCIOM | “ ”, page 6 |
| **AC** | Main switch, UADR | “ ”, page 7 |
| **AD** | Main switch, ADR1/ADR2 | “ ”, page 8 |
| **AE** | Main switch, ADR3 | “ ”, page 9 |
| **AF** | Key switch | “ ”, page 10 |
| **BA** | Instrument | “ ”, page 11 |
| **BC** | Tachograph | “ ”, page 12 |
| **BE** | VMCU, Vehicle Master Control Unit | “ ”, page 13 |
| **BG** | CIOM, Cab IO Module | “ ”, page 14 |
| **BU** | TIS Telematics service | “ ”, page 15 |
| **BX** | TIS Toll collect, FMS connector | “ ”, page 16 |
| **CA** | Engine interface | “ ”, page 17 |
| **CA1** | Engine interface, networks | “ ”, page 18 |
| **CB** | Engine D13, EM-EC01 | “ ”, page 19 |
| | Engine D13, EM-EC06/EM-EU5, page 1 | “ ”, page 20 |
| | Engine D13, EM-EC06/EM-EU5, page 2 | “ ”, page 21 |
| | Engine D13, EML4 EM-EU6, page 1 | “ ”, page 22 |
| | Engine D13, EML4 EM-EU6, page 2 | “ ”, page 23 |
| | Engine D13, EM-EU6, page 1 | “ ”, page 24 |
| | Engine D13, EM-EU6, page 2 | “ ”, page 25 |
| | Engine D16, page 1 | “ ”, page 26 |
| | Engine D16, page 2 | “ ”, page 27 |
| **CE** | After treatment system, EM-EU5 | “ ”, page 28 |
| **CE1** | After treatment system, EM-EU5 | “ ”, page 29 |
| **CF** | After treatment system, Adblue tank control, EM-EU5 | “ ”, page 30 |
| **CF AUS** | After treatment system, Adblue tank control AUSTRALIA | “ ”, page 31 |
| **CK** | After treatment system, EML4 EM-EU6 | “ ”, page 32 |
| **CK1** | After treatment system, EML4 EM-EU6 | “ ”, page 33 |
| **CL** | After treatment system, Adblue tank control, EML4 EM-EU6 | “ ”, page 34 |
| **DA** | Transmission, manual (interface) | “ ”, page 35 |
| **DA1** | Transmission, manual (gearbox and retarder) | “ ”, page 36 |
| **DC** | Transmission , I-SHIFT (interface) | “ ”, page 37 |
| **DC1** | Transmission, I-SHIFT (gearbox and retarder) | “ ”, page 38 |
| **DG** | Differential lock and fuel level sensor | “ ”, page 39 |
| **DK** | Retarder (interface) | “ ”, page 40 |
| **DM** | Retarder (interface) EML4 EM-EU6 | “ ”, page 41 |
| **EA** | ABS | “ ”, page 42 |

| | | |
|---|---|---|
| **EE** | EBS, control unit | “ ”, page 43 |
| **EF** | EBS, front axle modulator | “ ”, page 44 |
| **EG** | EBS, rear axle modulator | “ ”, page 45 |
| **EH** | EBS, 6x2 and tridem | “ ”, page 46 |
| **EI** | EBS, trailer modulator | “ ”, page 47 |
| **FA** | Air-suspension, front | “ ”, page 48 |
| **FB** | Air-suspension, rear, level sensor, WRG | “ ”, page 49 |
| **FC** | Air-suspension, rear, 6x2, 6x4 and tridem, valves | “ ”, page 50 |
| **FD** | Air-suspension, rear, 4x2 | “ ”, page 51 |
| **FE** | Air management, APM, Air Production Modulator with EPB | “ ”, page 52 |
| **FH** | Front axle steering, hydraulic | “ ”, page 53 |
| **FI** | Front axle steering, electronic, FAS | “ ”, page 54 |
| **FL** | Rear axle steering, electronic, RAS | “ ”, page 55 |
| **FM** | Rear axle steering, self steering, RAS | “ ”, page 56 |
| **FO** | EAS, extra axle steering | “ ”, page 57 |
| **FQ** | Bogie lift, A-ride with load sensor | “ ”, page 58 |
| **GA** | Exterior light, front, left, road | “ ”, page 59 |
| **GB** | Exterior light, front, right, bending light road | “ ”, page 60 |
| **GC** | Exterior light, rear | “ ”, page 61 |
| **GE** | Exterior light, side and load light | “ ”, page 62 |
| **GF** | Exterior light, roof, identification light | “ ”, page 63 |
| **GK** | Trailer connection, RIGID | “ ”, page 64 |
| **GL** | Trailer connection, TRACTOR | “ ”, page 65 |
| **GM** | Trailer connections, RIGID TREL-14 | “ ”, page 66 |
| **GN** | Trailer light converter, AUSTRALIA | “ ”, page 67 |
| **GP** | Wiper, washer | “ ”, page 68 |
| **HA** | Climate unit | “ ”, page 69 |
| **HB** | Integrated parking cooler, IPC | “ ”, page 70 |
| **HC** | Parking heater, water | “ ”, page 71 |
| **HD** | Parking heater, air | “ ”, page 72 |
| **HE** | Amb. temp, short stop heater, AC clutch | “ ”, page 73 |
| **HF** | Fuel hose heater | “ ”, page 74 |
| **IA** | Interior light | “ ”, page 75 |
| **IB** | Interior light | “ ”, page 76 |
| **IC** | Interior light, instep light | “ ”, page 77 |
| **IF** | Comfort accessories | “ ”, page 78 |
| **IG** | 12V power supply 20A/20A/11A | “ ”, page 79 |
| **IK** | Audio | “ ”, page 80 |
| **IL** | Amplifier | “ ”, page 81 |

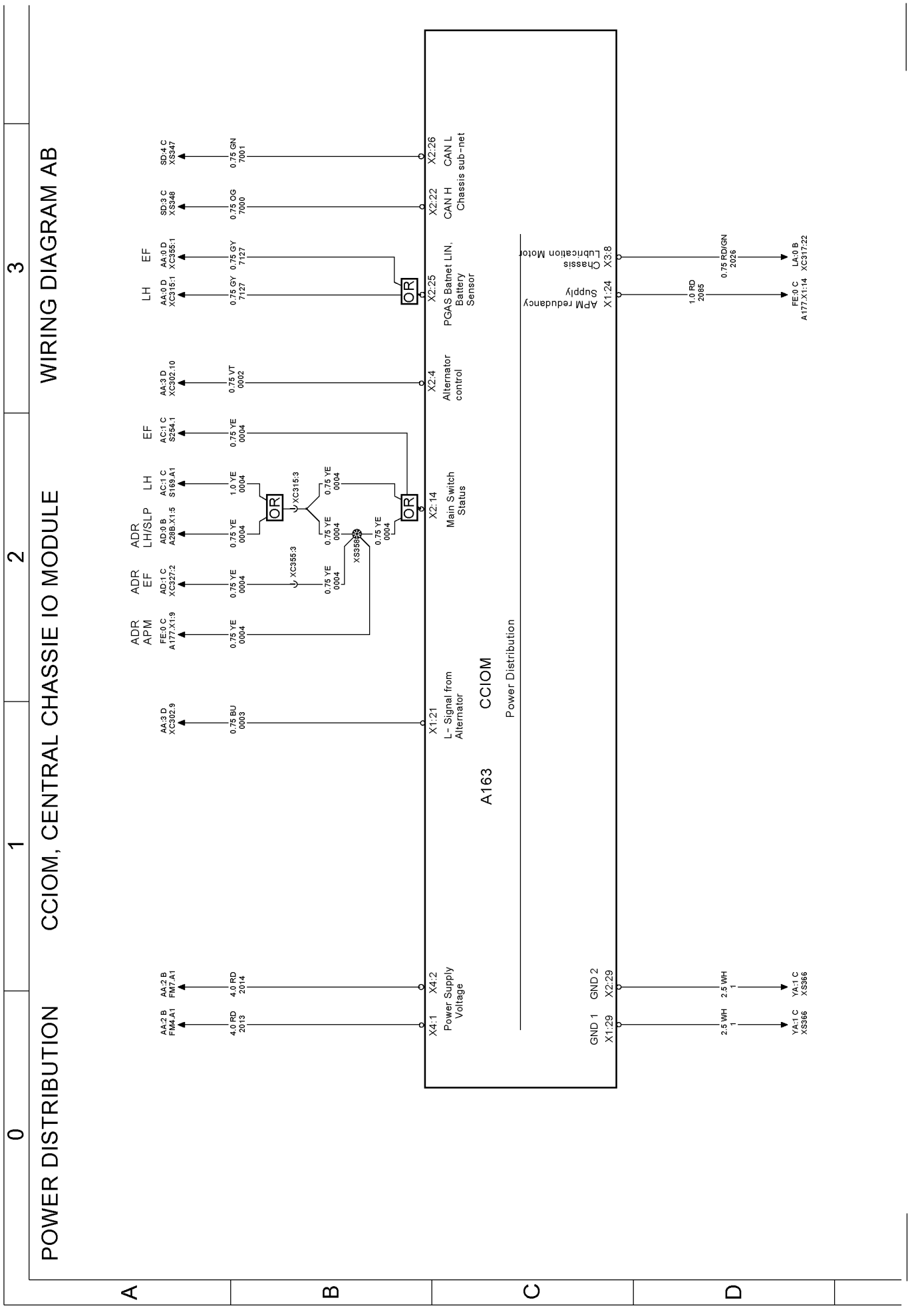
| | | |
|---|---|---|
| **IN** | DVD, bunk display | “ ”, page 82 |
| **IO** | Video switch, camera, SID display | “ ”, page 83 |
| **IP** | Horn | “ ”, page 84 |
| **IR** | Door, left | “ ”, page 85 |
| **IS** | Door, right | “ ”, page 86 |
| **IT** | Seats | “ ”, page 87 |
| **IU** | Sun roof, sun visor | “ ”, page 88 |
| **KA** | Cab tilt | “ ”, page 89 |
| **LA** | Lubrication system | “ ”, page 90 |
| **NA** | Body builder, BBM | “ ”, page 91 |
| **NB** | Body builder, VMCU | “ ”, page 92 |
| **NC** | Body builder, CCIOM, PTO | “ ”, page 93 |
| **ND** | Body builder electrical center | “ ”, page 94 |
| **ND1** | Body builder electrical center AUXSW4 | “ ”, page 95 |
| **ND2** | Body builder, Tipper prep kit | “ ”, page 96 |
| **NE** | Body builder electrical center, extra lighting | “ ”, page 97 |
| **NF** | Body builder extra lighting | “ ”, page 98 |
| **NK** | Body builder plough lamps | “ ”, page 99 |
| **PA** | DACU, Driver Assistance Control Unit | “ ”, page 100 |
| **PB** | Lane position | “ ”, page 101 |
| **PE** | SRS, Supplementary Restrain System, airbag | “ ”, page 102 |
| **PH** | Alcolock, start prevention system | “ ”, page 103 |
| **RA** | Alarm | “ ”, page 104 |
| **SA** | Backbone 1 | “ ”, page 105 |
| **SB** | Backbone 2 | “ ”, page 106 |
| **SC** | Cab subnet | “ ”, page 107 |
| **SD** | Chassis subnet | “ ”, page 108 |
| **SE** | Infotainment subnet | “ ”, page 109 |
| **SF** | Security subnet | “ ”, page 110 |
| **SK** | Switch module topology, CIOM | “ ”, page 111 |
| **SL** | Switch module topology, HMIIOM | “ ”, page 112 |
| **XA** | OBD interface | “ ”, page 113 |
| **YA** | Ground, chassis, ECU | “ ”, page 114 |
| **YB** | Ground, chassis, front/rear load | “ ”, page 115 |
| **YD** | Ground, chassis, lower front | “ ”, page 116 |
| **YF** | Ground, cab, FRC, BBEC | “ ”, page 117 |
| **YG** | Ground, cab, instrument panel | “ ”, page 118 |
| **YH** | Ground, cab, instrument panel | “ ”, page 119 |
| **YK** | Ground, cab, front shelf | “ ”, page 120 |

**YK_RHD** Ground, cab, front shelf, headliner ..... “ ”, page 121
**YM** Ground, cab, lower bunk/floor ..... “ ”, page 122
**YN** Ground, cab, firewall, cockpit carrier plate ..... “ ”, page 123

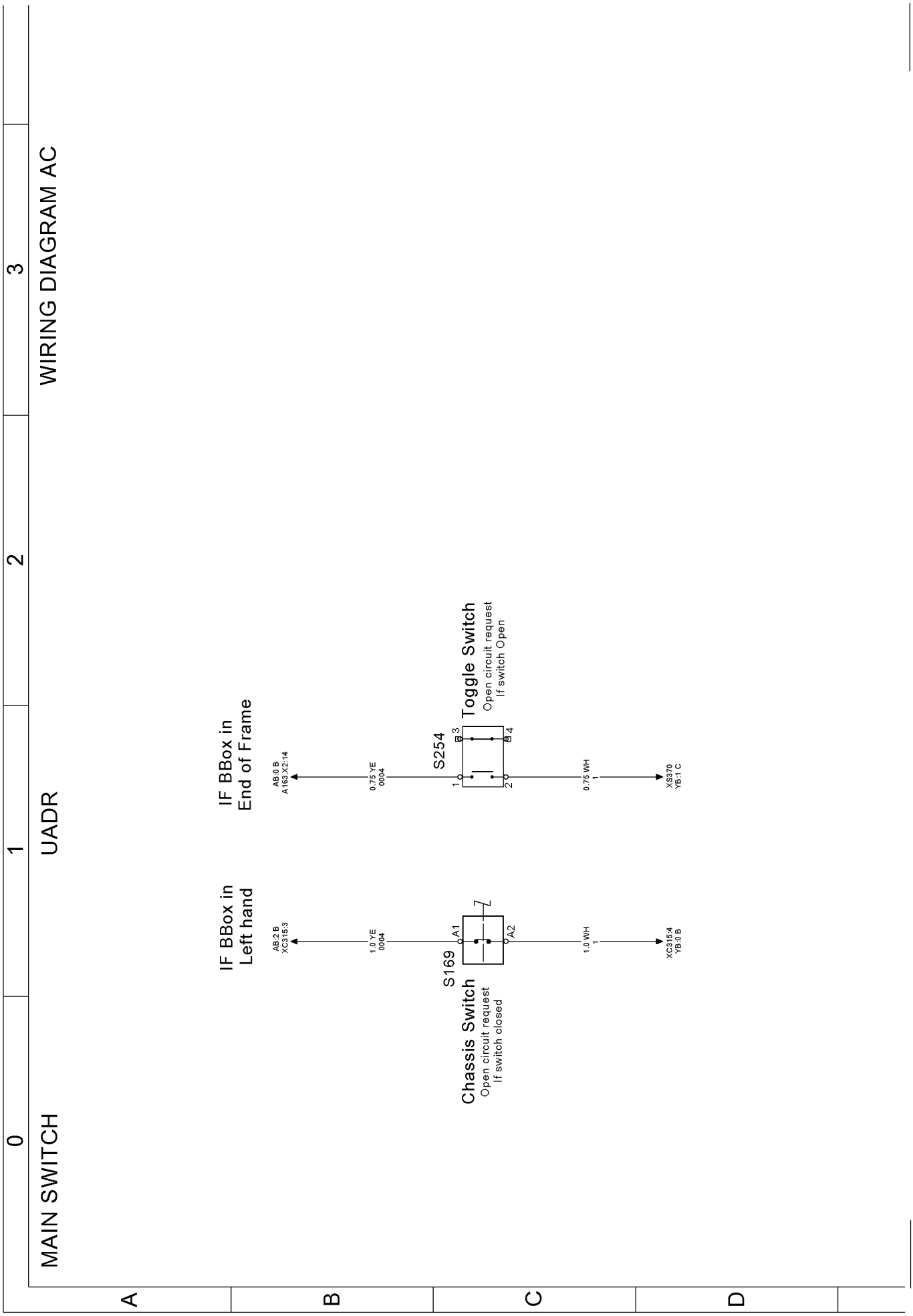
# Component wiring diagrams

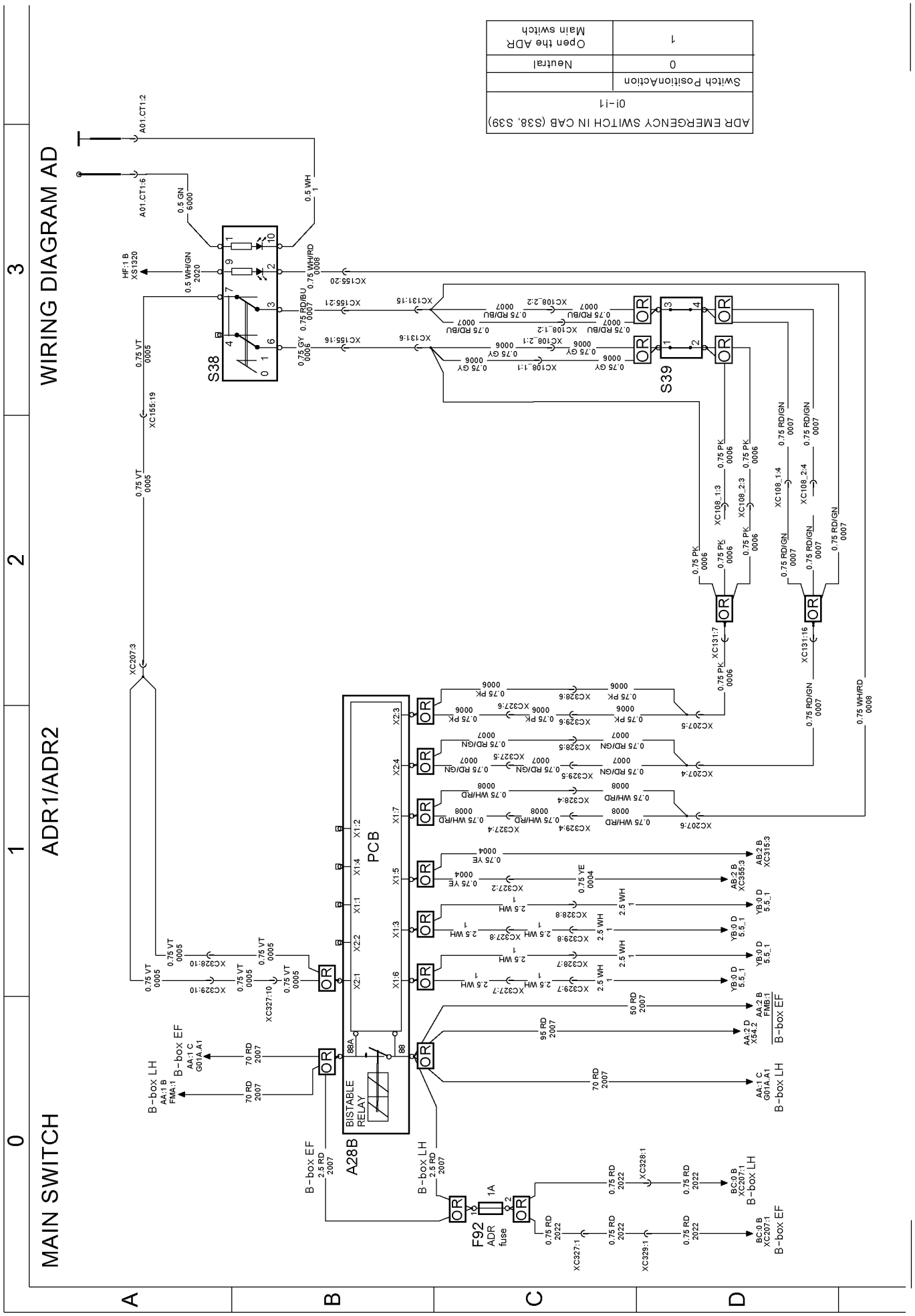


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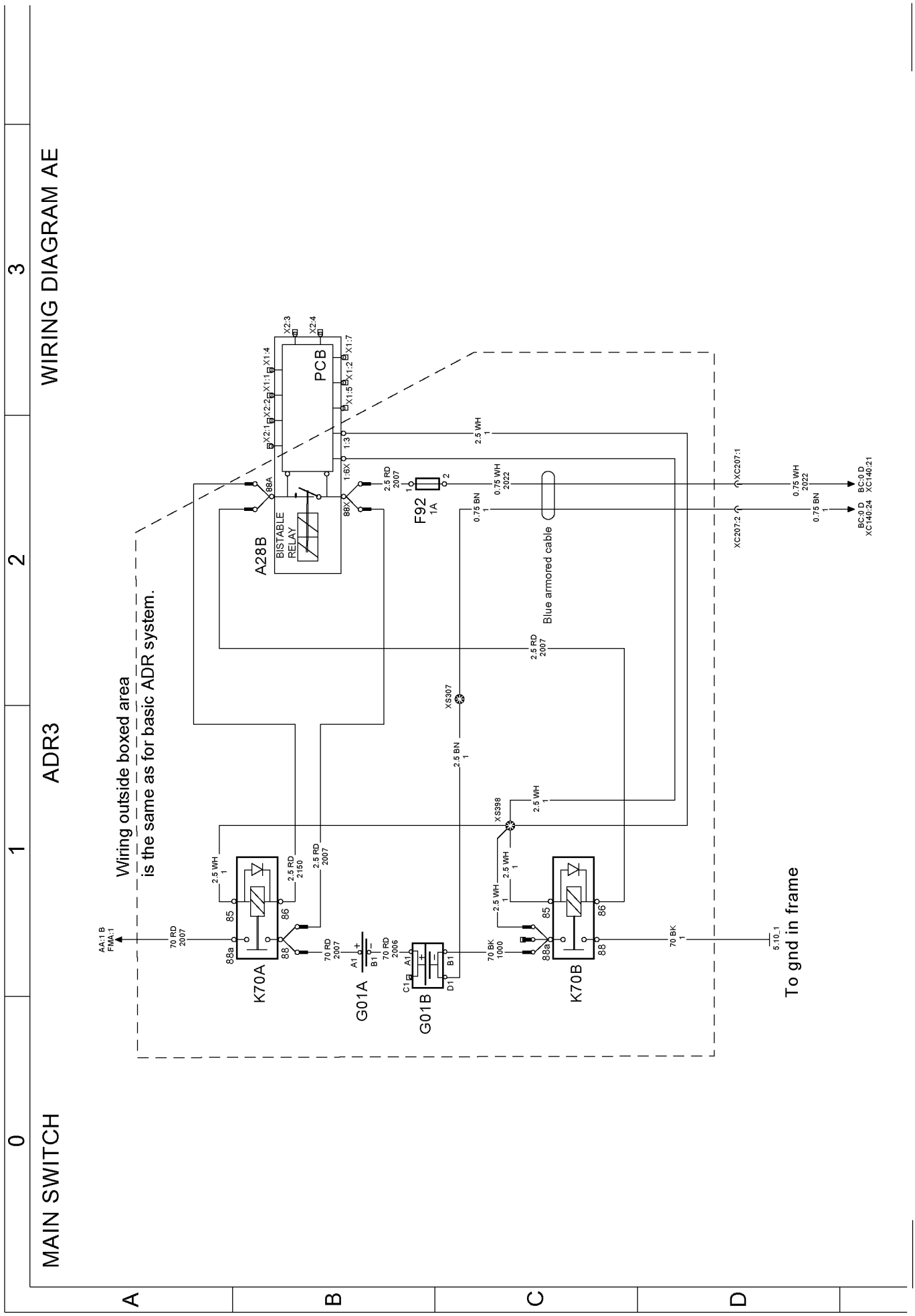



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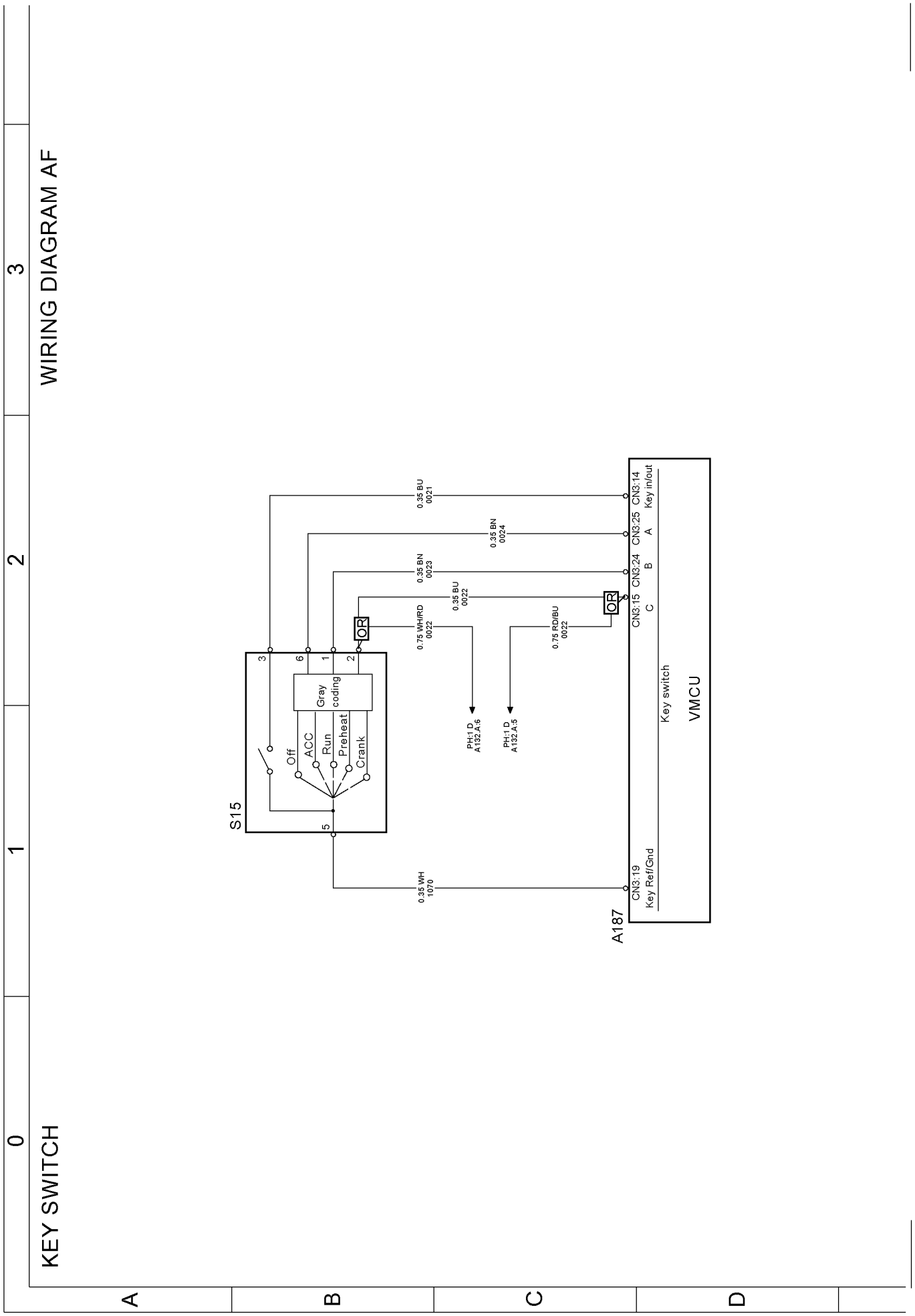

MAIN SWITCH
UADR
WIRING DIAGRAM AC
0
1
2
3
A
B
C
D
IF BBox in
Left hand
IF BBox in
End of Frame
AB:2.B
XC315:3
1.0 YE
0004
S169
A1
A2
Chassis Switch
Open circuit request
If switch closed
1.0 WH
1
XC315:4
YB:0.B
AB:0.B
A163:X2:14
0.75 YE
0004
S254
3
4
1
2
Toggle Switch
Open circuit request
If switch Open
0.75 WH
1
XS370
YB:1.C

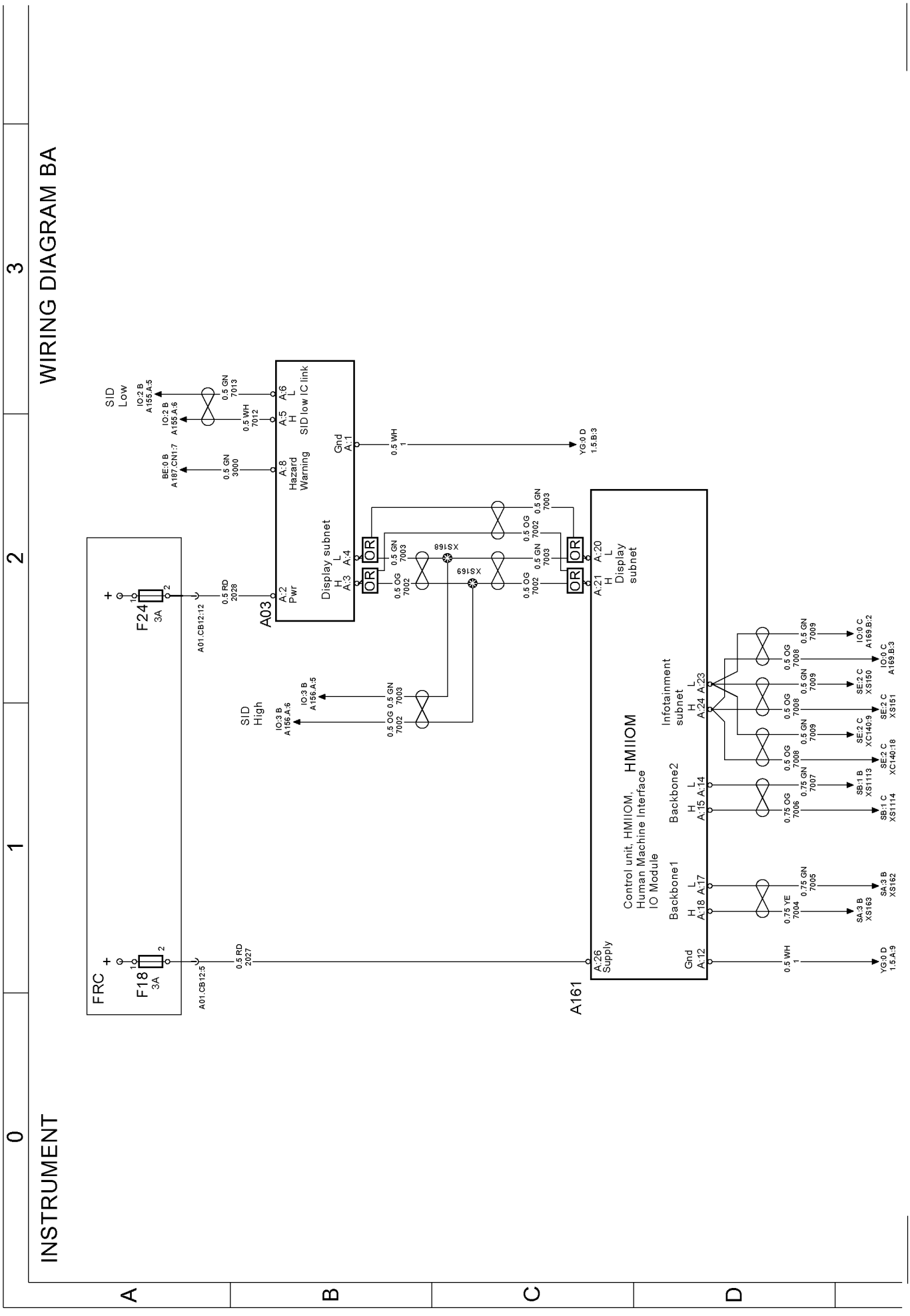

WIRING DIAGRAM AD
ADR1/ADR2
MAIN SWITCH
ADR EMERGENCY SWITCH IN CAB (S38, S39)
0i-i1
Switch PositionAction
0 Neutral
1 Open the ADR Main switch
S38
S39
A28B
BISTABLE RELAY
PCB
F92 ADR fuse 1A
B-box LH
B-box EF
OR

T3086399


MAIN SWITCH
ADR3
WIRING DIAGRAM AE
0
1
2
3
A
B
C
D
Wiring outside boxed area
is the same as for basic ADR system.
PCB
A28B
BISTABLE RELAY
F92
1A
K70A
K70B
G01A
G01B
Blue armored cable
To gnd in frame
XS307
XS398
XC207:1
XC207:2
BC:0 D
XC140:24
BC:0 D
XC140:21
AA:1 B
FMA:1
5.10_1
T3065411

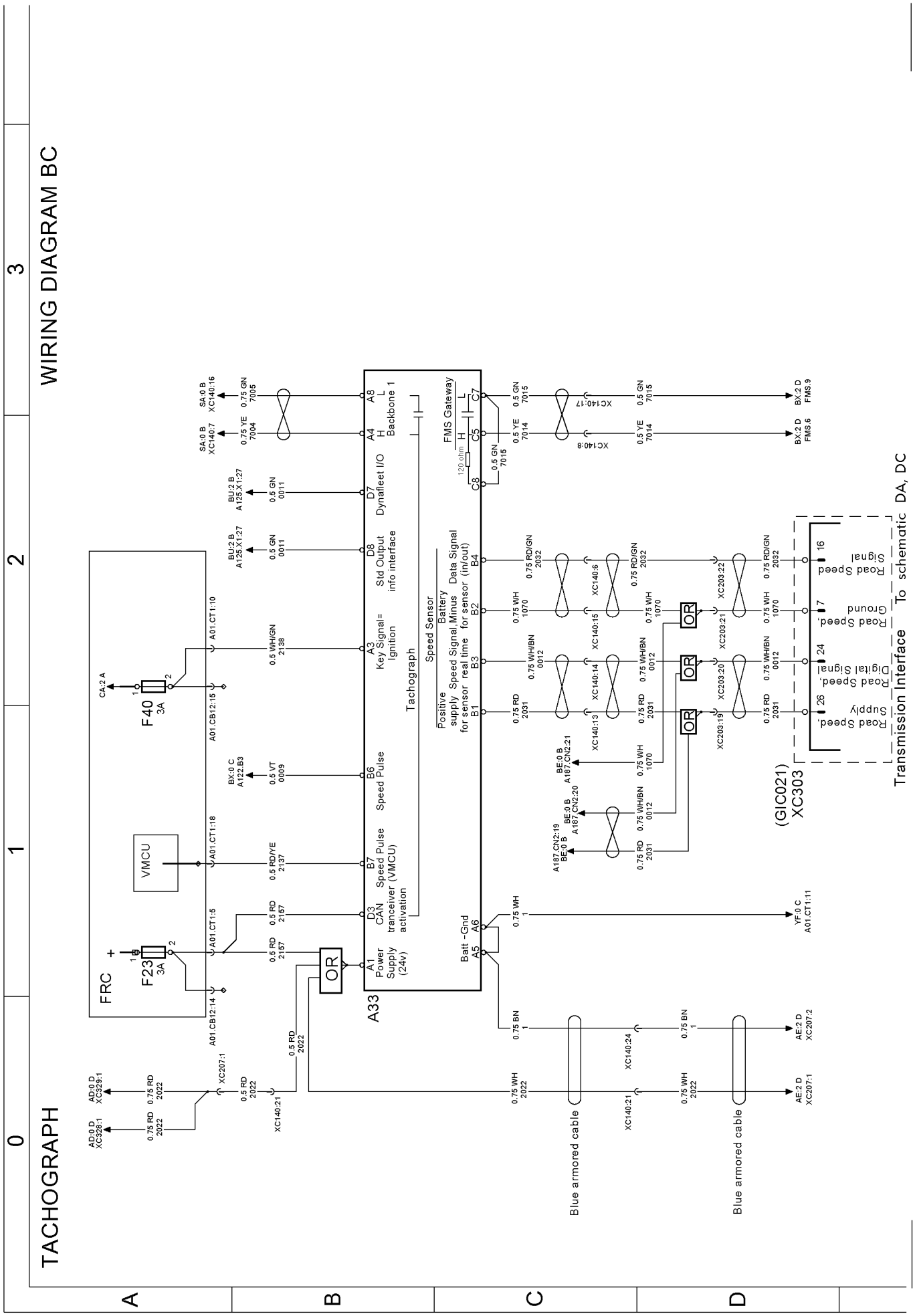
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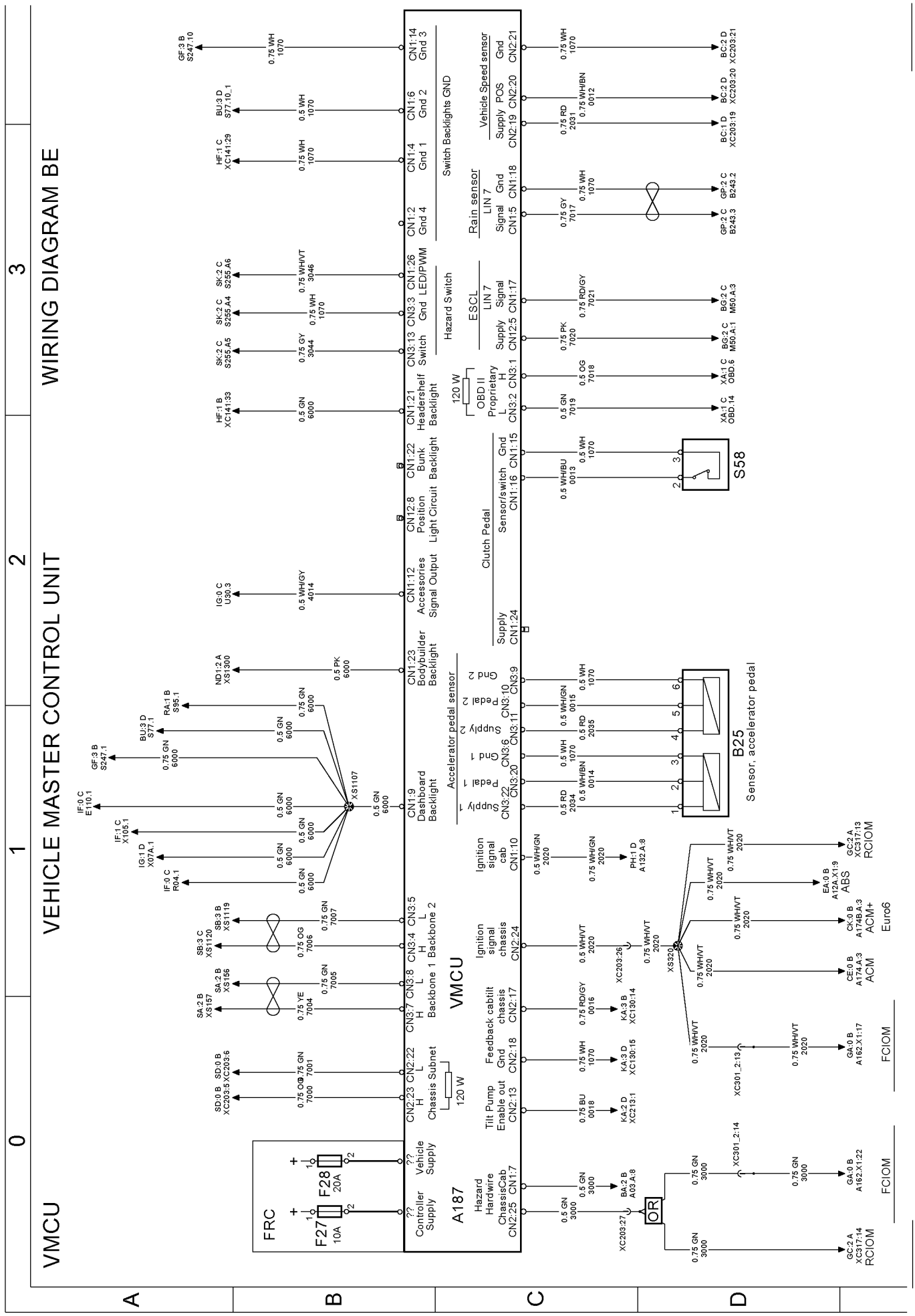

WIRING DIAGRAM BA
INSTRUMENT
0
1
2
3
A
B
C
D
FRC
F18
3A
F24
3A
A01.CB12:5
A01.CB12:12
0.5 RD
2027
0.5 RD
2028
A03
A:2
Pwr
Display subnet
H
A:3
L
A:4
Gnd
A:1
A:8
Hazard
Warning
A:5
H
A:6
L
SID low IC link
SID
Low
IO:2 B
A155.A:5
IO:2 B
A155.A:6
0.5 GN
7013
0.5 WH
7012
0.5 GN
3000
BE:0 B
A187.CN1:7
0.5 WH
1
YG:0 D
1.5.B:3
OR
0.5 GN
7003
0.5 OG
7002
XS168
XS169
SID
High
IO:3 B
A156.A:6
IO:3 B
A156.A:5
A161
A:26
Supply
Control unit, HMIIOM,
Human Machine Interface
IO Module
HMIIOM
Backbone1
H
A:18
L
A:17
Backbone2
H
A:15
L
A:14
Infotainment
subnet
H
A:24
L
A:23
A:21
H
A:20
L
Display
subnet
Gnd
A:12
0.5 WH
1
YG:0 D
1.5.A:9
0.75 YE
7004
0.75 GN
7005
SA:3 B
XS163
SA:3 B
XS162
0.75 OG
7006
0.75 GN
7007
SB:1 B
XS1113
SB:1 C
XS1114
0.5 OG
7008
0.5 GN
7009
SE:2 C
XC140:9
SE:2 C
XC140:16
SE:2 C
XS150
SE:2 C
XS151
IO:0 C
A169.B:2
IO:0 C
A169.B:3

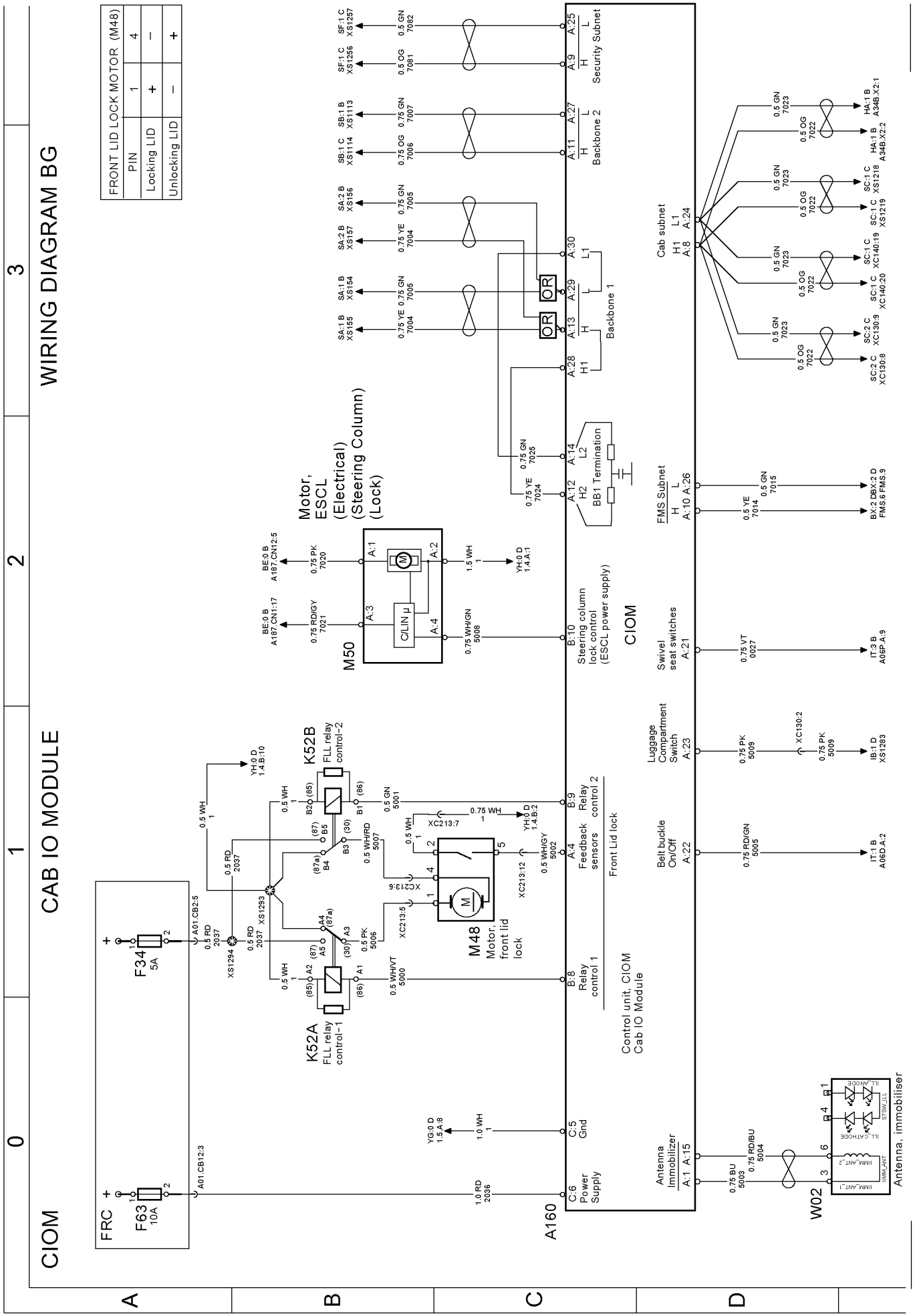
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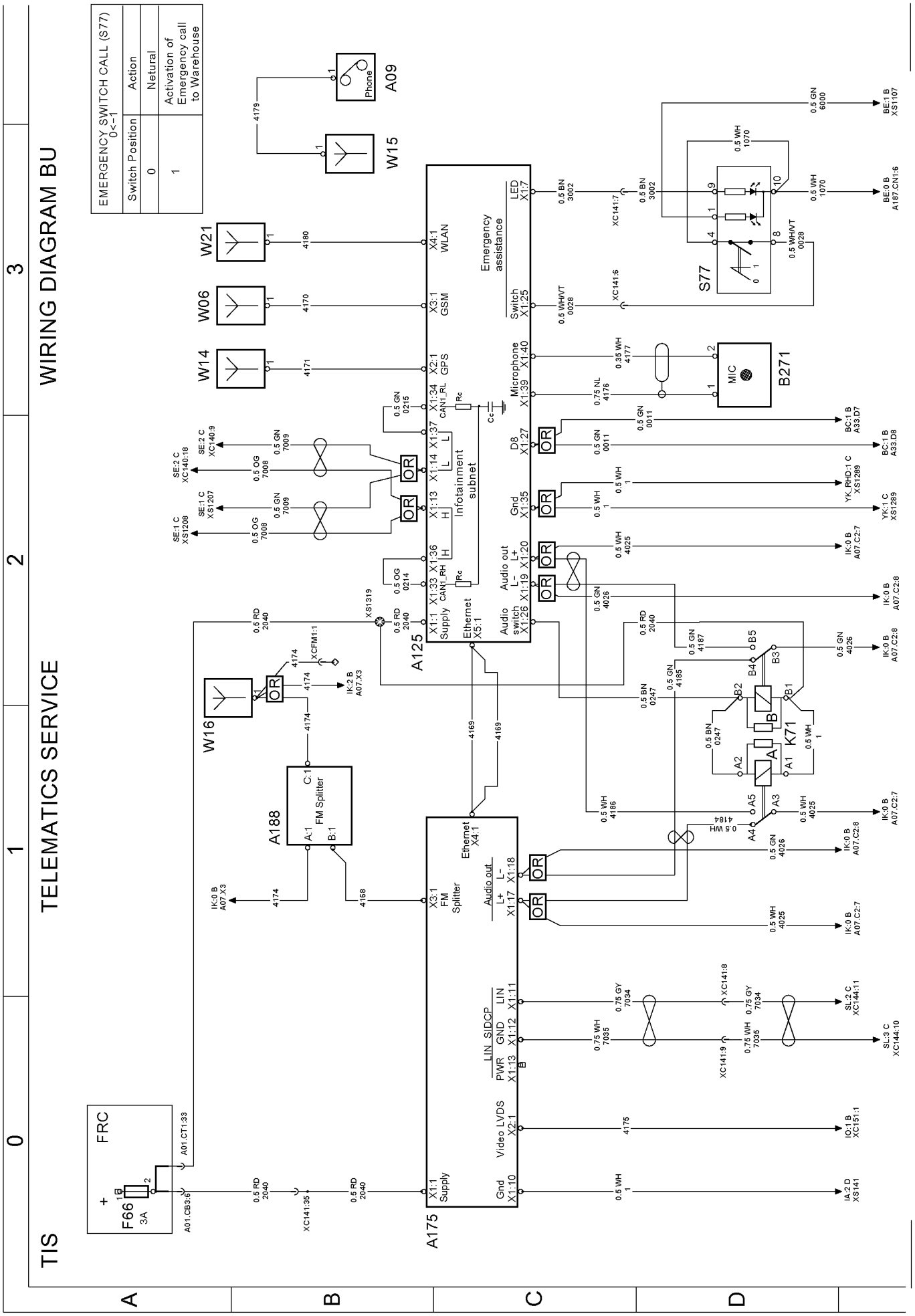
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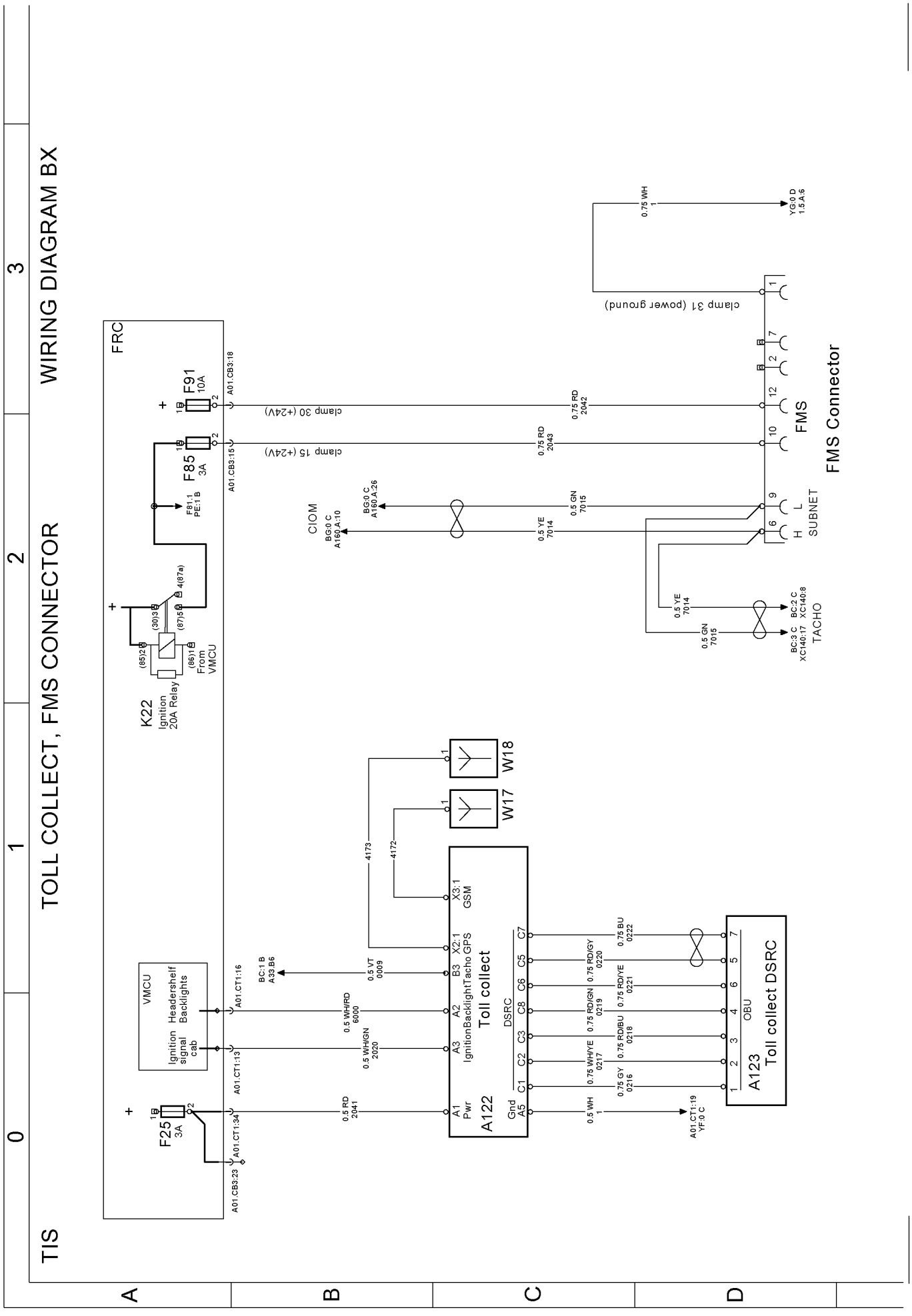



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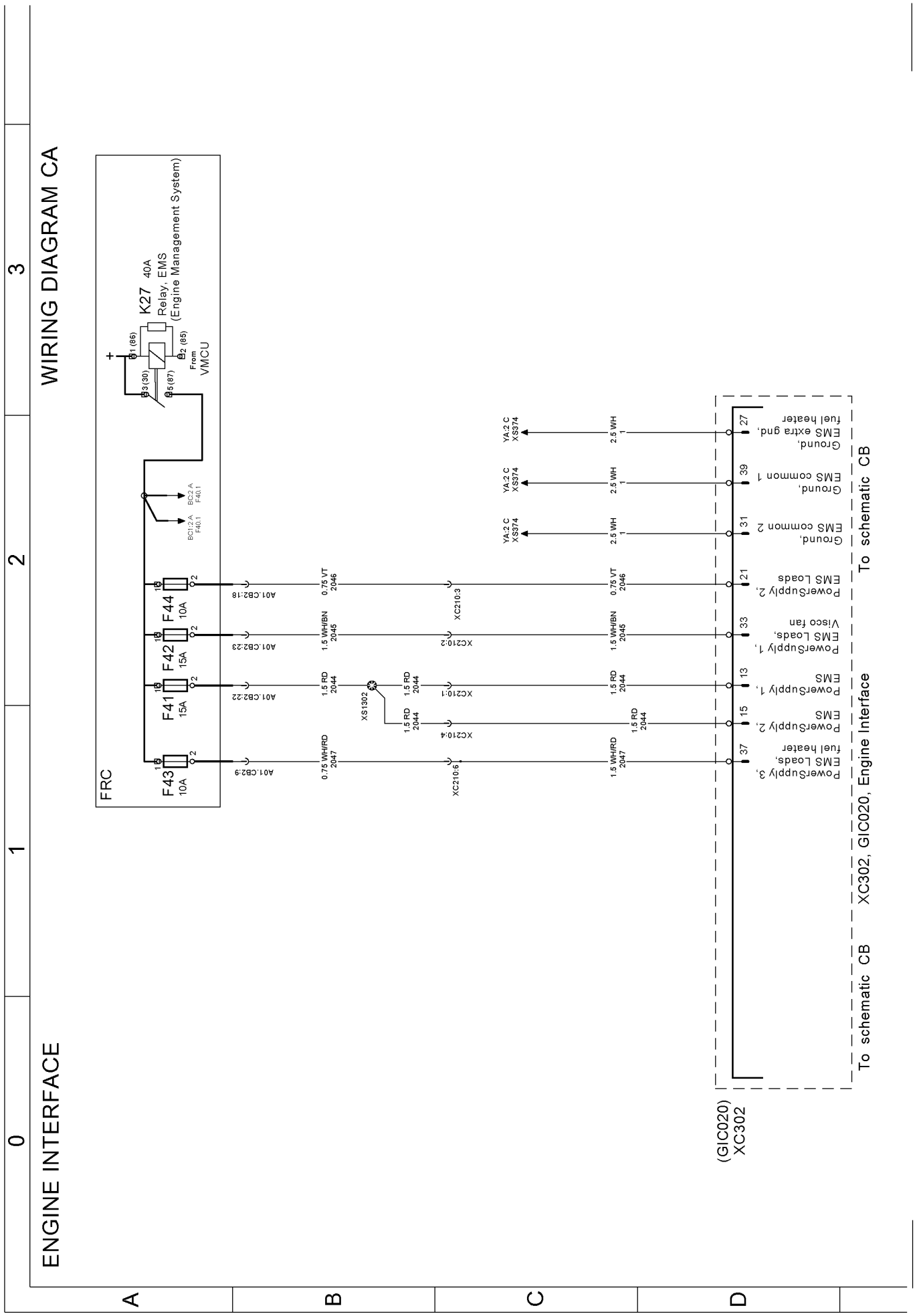

VMCU
VEHICLE MASTER CONTROL UNIT
WIRING DIAGRAM BE
VMCU
A187
Hazard Hardwire ChassisCab CN2:25 CN1:7
Tilt Pump Enable out CN2:13
Feedback cabtilt chassis Gnd CN2:18
Ignition signal chassis CN2:24
Ignition signal cab CN1:10
Clutch Pedal Sensor/switch CN1:16
Accelerator pedal sensor
Supply CN1:24
CN1:23 Bodybuilder Backlight
CN1:12 Accessories Signal Output
CN12:8 Position Light Circuit
CN1:22 Bunk Backlight
CN1:21 Headershelf Backlight
CN3:13 Switch
CN3:3 Gnd
CN1:26 LED/PWM
Hazard Switch
CN1:2 Gnd 4
CN1:4 Gnd 1
CN1:6 Gnd 2
CN1:14 Gnd 3
Switch Backlights GND
Rain sensor
LIN 7
Signal CN1:5
Gnd CN1:18
Vehicle Speed sensor
Supply CN2:19
POS CN2:20
Gnd CN2:21
ESCL
LIN 7
Supply CN12:5
Signal CN1:17
OBD II Proprietary H CN3:1
L CN3:2
120 W
S58
B25
Sensor, accelerator pedal
FRC
F27 10A
F28 20A
Controller Supply
Vehicle Supply
Chassis Subnet
120 W
CN2:23 CN2:22 CN3:7 CN3:8 CN3:4 CN3:5
H L H L
Backbone 1 Backbone 2
CN1:9 Dashboard Backlight
XS1107
OR
FCIOM
Euro6
ABS
ACM
ACM+
RCIOM


WIRING DIAGRAM BG
CIOM
CAB IO MODULE
FRONT LID LOCK MOTOR (M48)
PIN 1 4
Locking LID + –
Unlocking LID – +
FRC
F63 10A
F34 5A
K52A FLL relay control–1
K52B FLL relay control–2
M48 Motor, front lid lock
M50 Motor, ESCL (Electrical) (Steering Column) (Lock)
A160
Control unit, CIOM Cab IO Module
C:6 Power Supply
C:5 Gnd
B:8 Relay control 1
B:9 Relay control 2
A:4 Feedback sensors
Front Lid lock
B:10 Steering column lock control (ESCL power supply)
CIOM
Backbone 1
Backbone 2
Security Subnet
Cab subnet
FMS Subnet
Swivel seat switches A:21
Luggage Compartment Switch A:23
Belt buckle On/Off A:22
Antenna Immobilizer A:1 A:15
W02
Antenna, immobiliser
BB1 Termination
OR

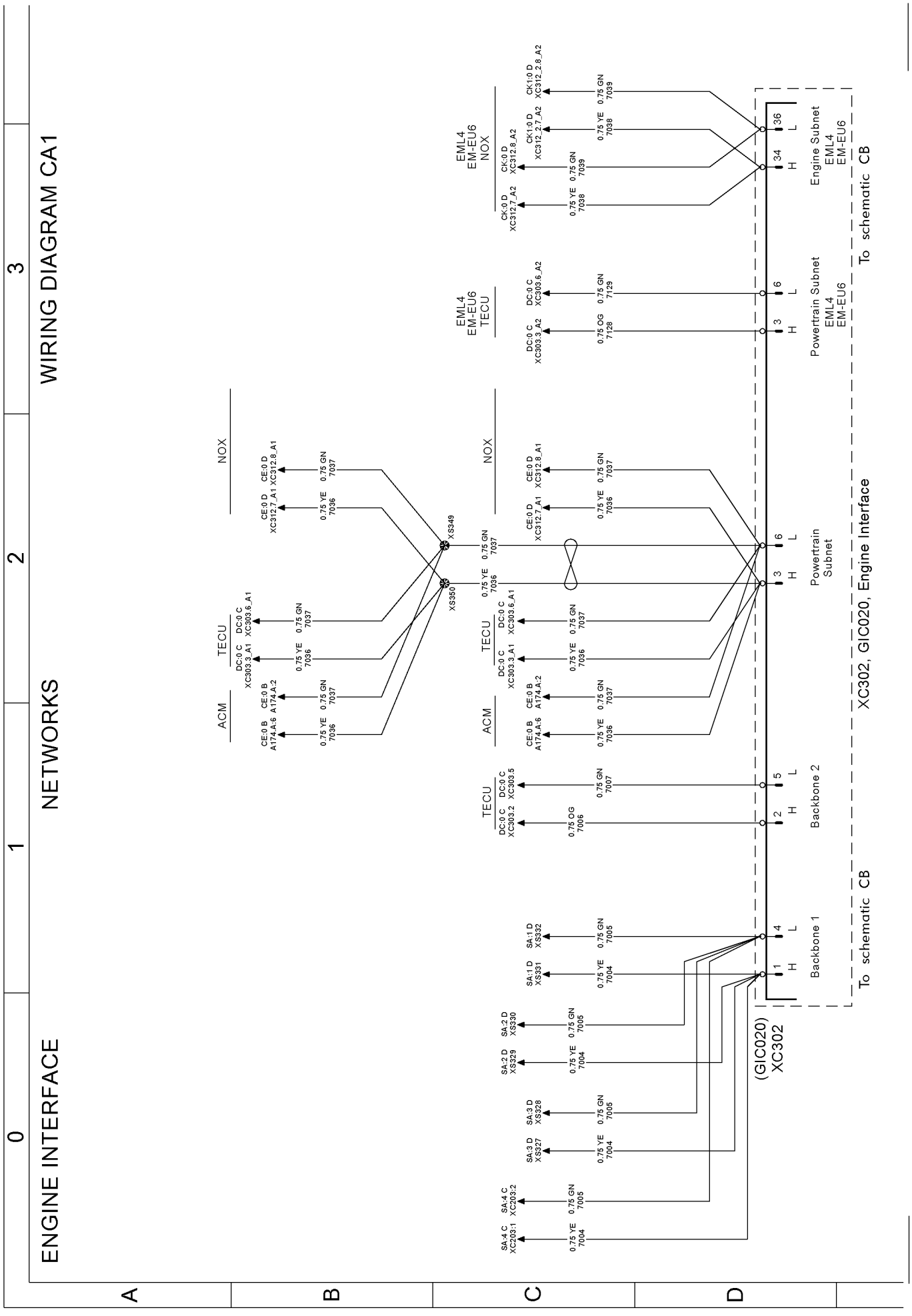

TIS
TELEMATICS SERVICE
WIRING DIAGRAM BU
EMERGENCY SWITCH CALL (S77)
0<-1
Switch Position
Action
0
Netural
1
Activation of Emergency call to Warehouse
A125
A175
A188
A09
W15
W21
W06
W14
W16
B271
S77
K71
F66
3A
FRC
Phone
MIC
Emergency assistance
Infotainment subnet
FM Splitter
Video LVDS
LIN_SIDCP
Ethernet
WLAN
GSM
GPS
Microphone
Switch
LED
Supply
Gnd
Audio out
Audio switch
CAN1_RH
CAN1_RL
PWR
GND
LIN


TIS
TOLL COLLECT, FMS CONNECTOR
WIRING DIAGRAM BX
FRC
F91
10A
F85
3A
F25
3A
K22
Ignition
20A Relay
From
VMCU
clamp 30 (+24V)
clamp 15 (+24V)
clamp 31 (power ground)
VMCU
Ignition signal
Headershelf Backlights
cab
A122
Toll collect
A123
Toll collect DSRC
OBU
DSRC
CIOM
FMS
FMS Connector
SUBNET
TACHO
W17
W18
A01.CB3:18
A01.CB3:15
A01.CB3:23
A01.CT1:16
A01.CT1:13
A01.CT1:34
A01.CT1:19
0.75 RD 2042
0.75 RD 2043
0.5 GN 7015
0.5 YE 7014
0.5 RD 2041
0.5 WH/RD 6000
0.5 WH/GN 2020
0.5 VT 0009
0.75 WH/YE 0217
0.75 RD/BU 0218
0.75 GY 0216
0.75 RD/GN 0219
0.75 RD/YE 0221
0.75 RD/GY 0220
0.75 BU 0222
0.5 WH 1
0.75 WH 1
4172
4173
A
B
C
D
0
1
2
3

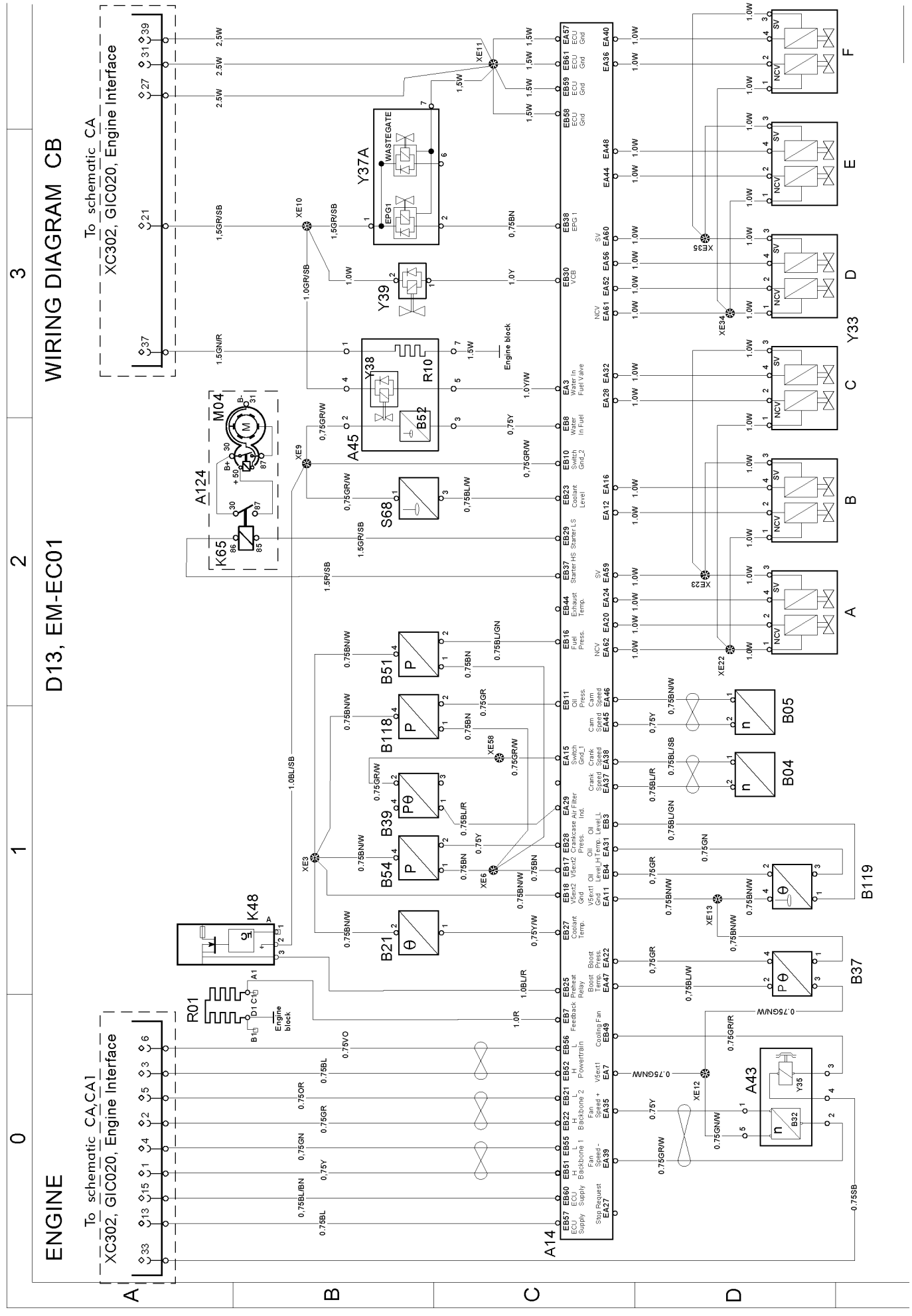
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WIRING DIAGRAM CA
ENGINE INTERFACE
0
1
2
3
A
B
C
D
FRC
K27 40A
Relay, EMS
(Engine Management System)
From VMCU
F43 10A
F41 15A
F42 15A
F44 10A
XS1302
(GIC020)
XC302
To schematic CB
XC302, GIC020, Engine Interface
To schematic CB
PowerSupply 3,
EMS Loads,
fuel heater
PowerSupply 2,
EMS
PowerSupply 1,
EMS
PowerSupply 1,
EMS Loads,
Visco fan
PowerSupply 2,
EMS Loads
Ground,
EMS common 2
Ground,
EMS common 1
Ground,
EMS extra gnd,
fuel heater

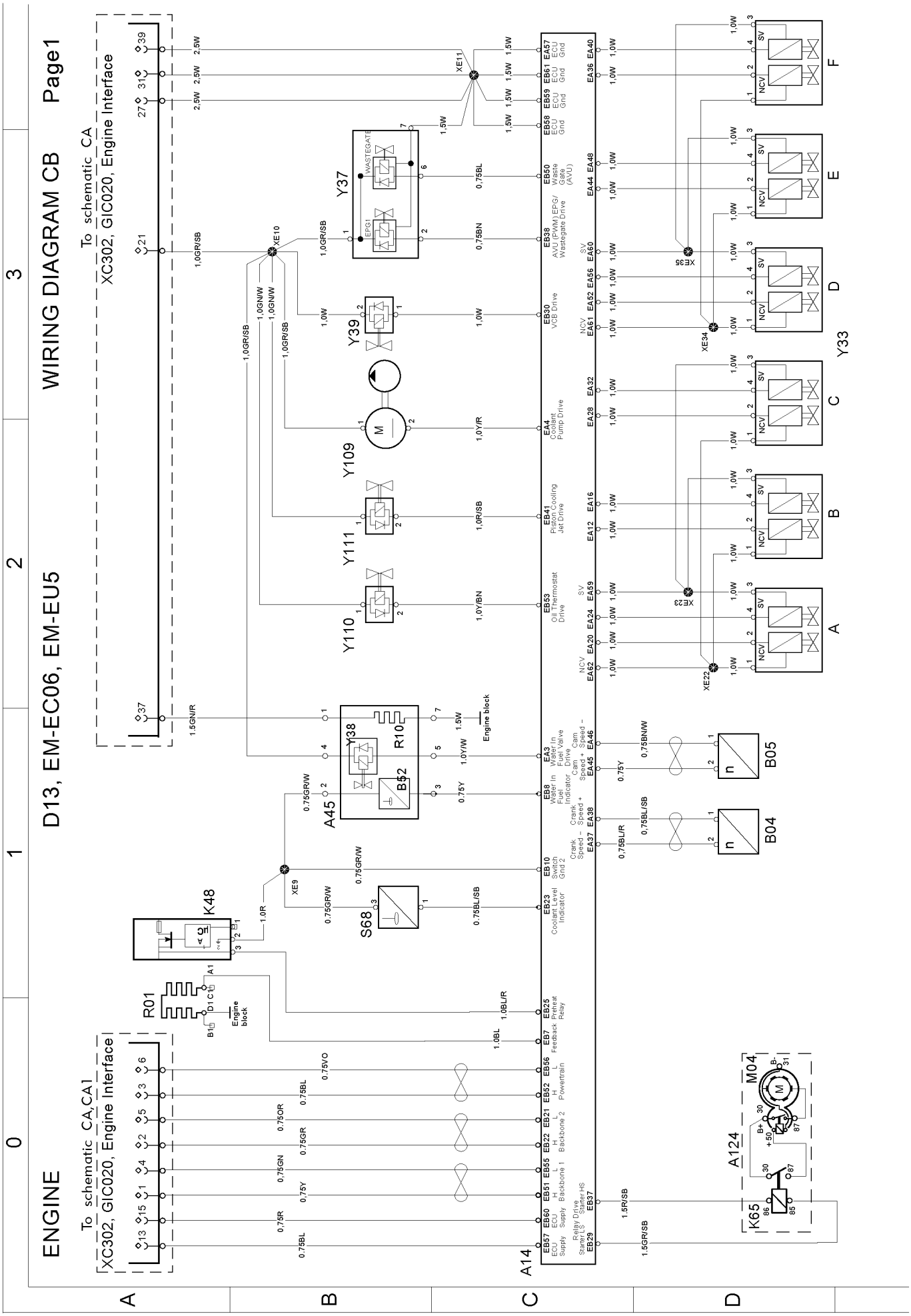
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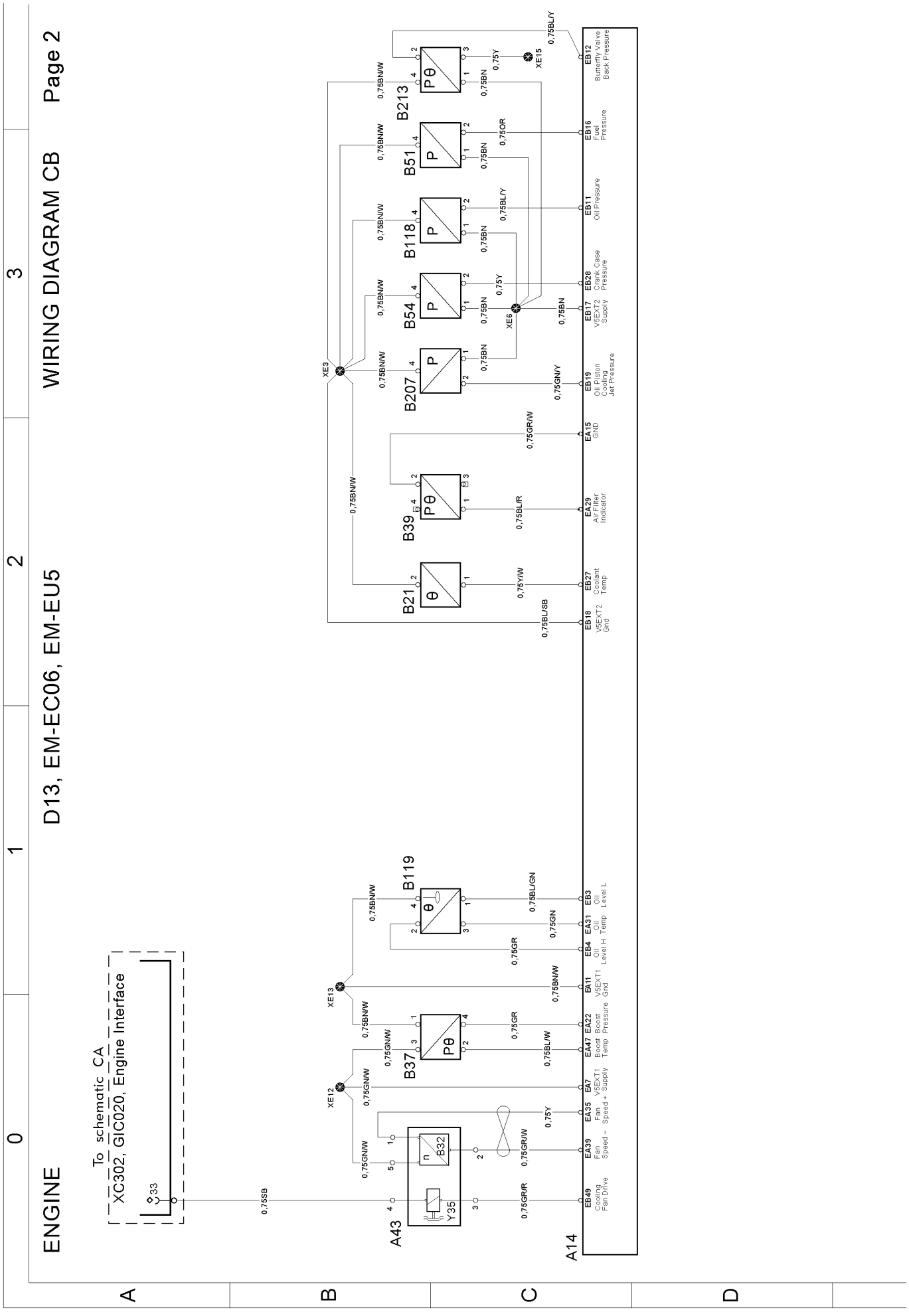

WIRING DIAGRAM CA1
NETWORKS
ENGINE INTERFACE
0
1
2
3
A
B
C
D
NOX
ACM
TECU
EML4
EM-EU6
NOX
TECU
ACM
NOX
EML4
EM-EU6
TECU
EML4
EM-EU6
NOX
XS349
XS350
(GIC020)
XC302
Backbone 1
Backbone 2
Powertrain
Subnet
Powertrain Subnet
EML4
EM-EU6
Engine Subnet
EML4
EM-EU6
To schematic CB
To schematic CB
XC302, GIC020, Engine Interface

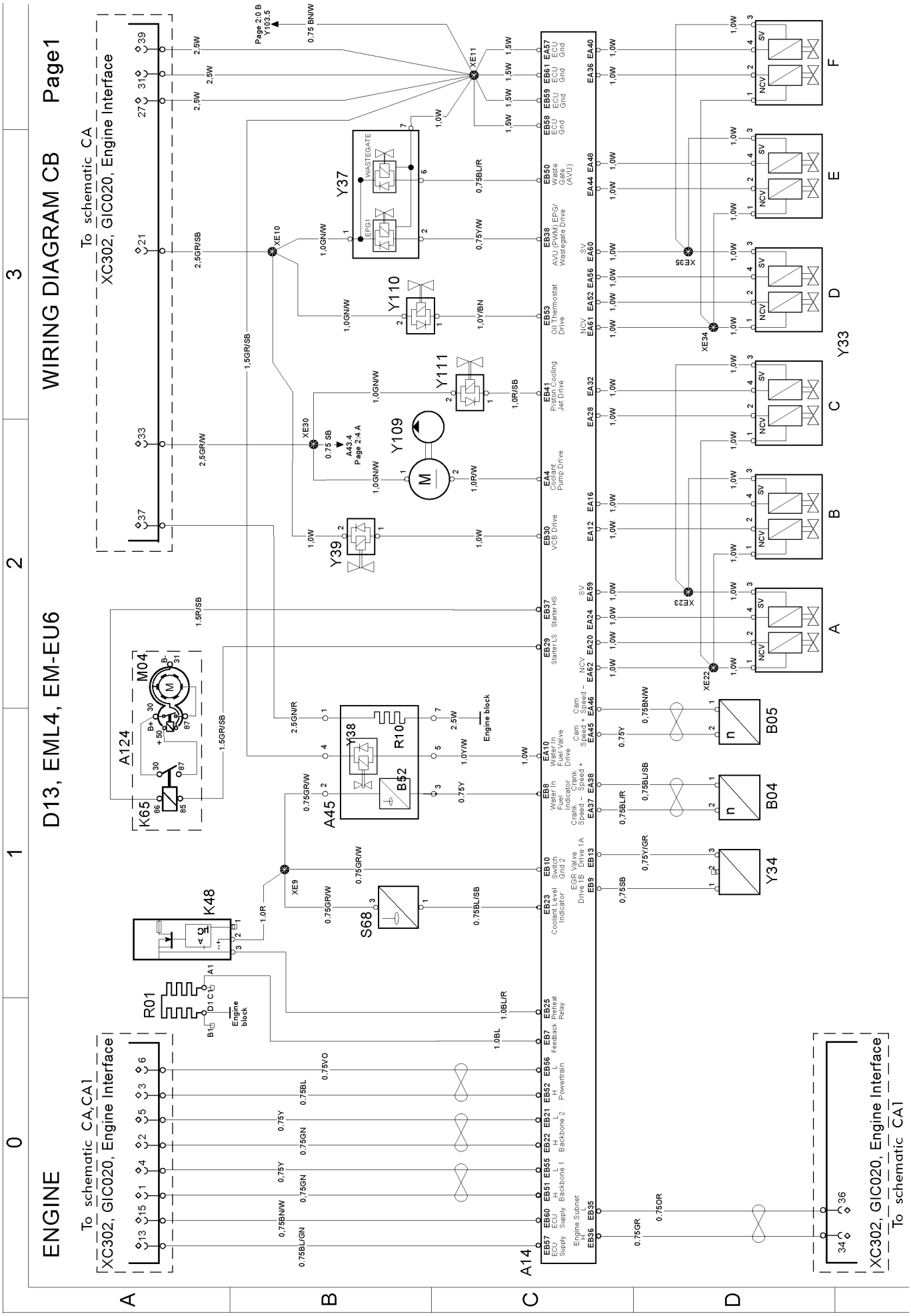
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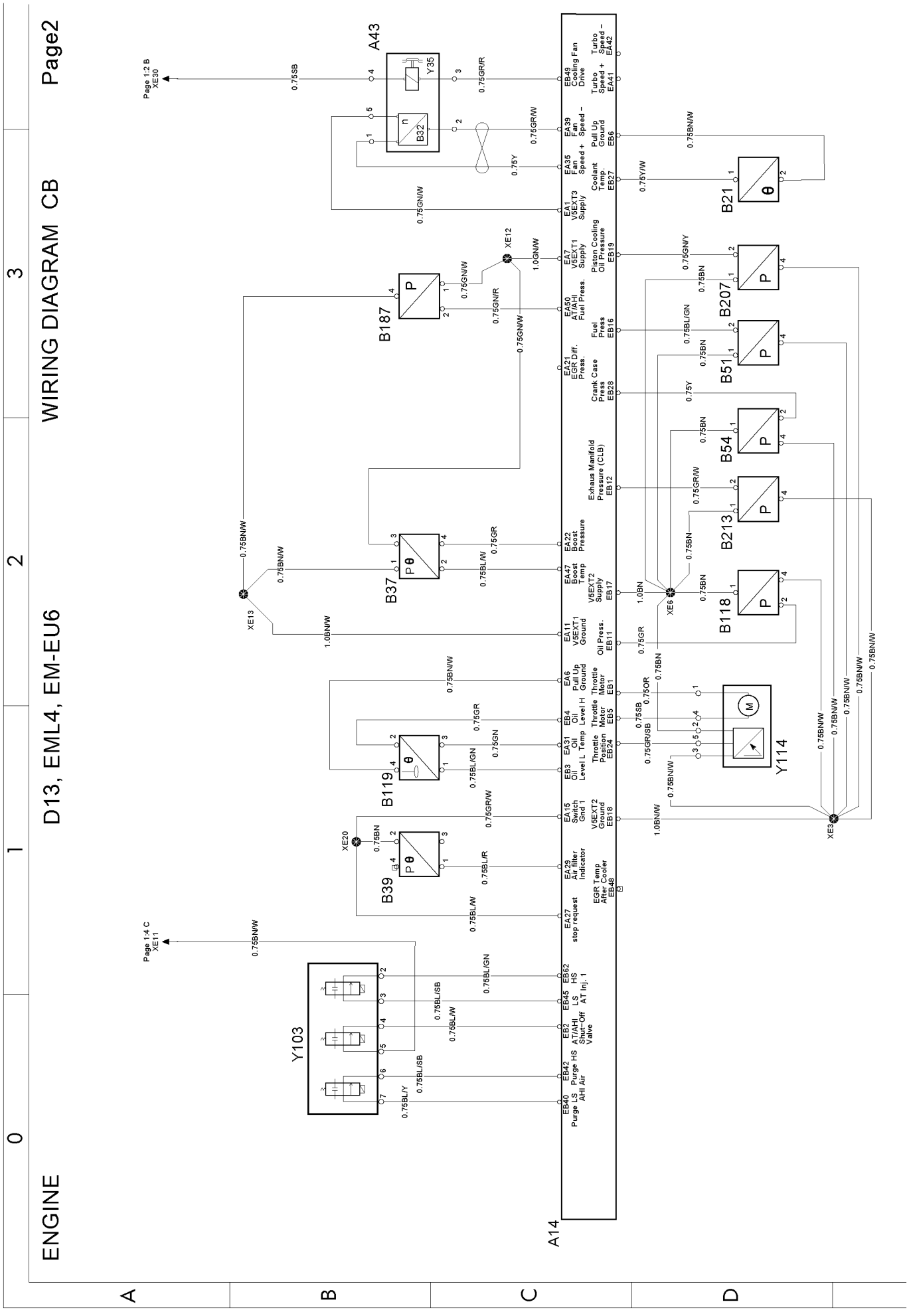

ENGINE
D13, EM-EC01
WIRING DIAGRAM CB
To schematic CA_CA1
XC302, GIC020, Engine Interface
To schematic CA
XC302, GIC020, Engine Interface
A14
A124
A43
A45
K48
K65
M04
R01
R10
Y37A
Y38
Y39
B21
B37
B39
B51
B52
B54
B118
B119
S68
Engine block
WASTEGATE
Y33

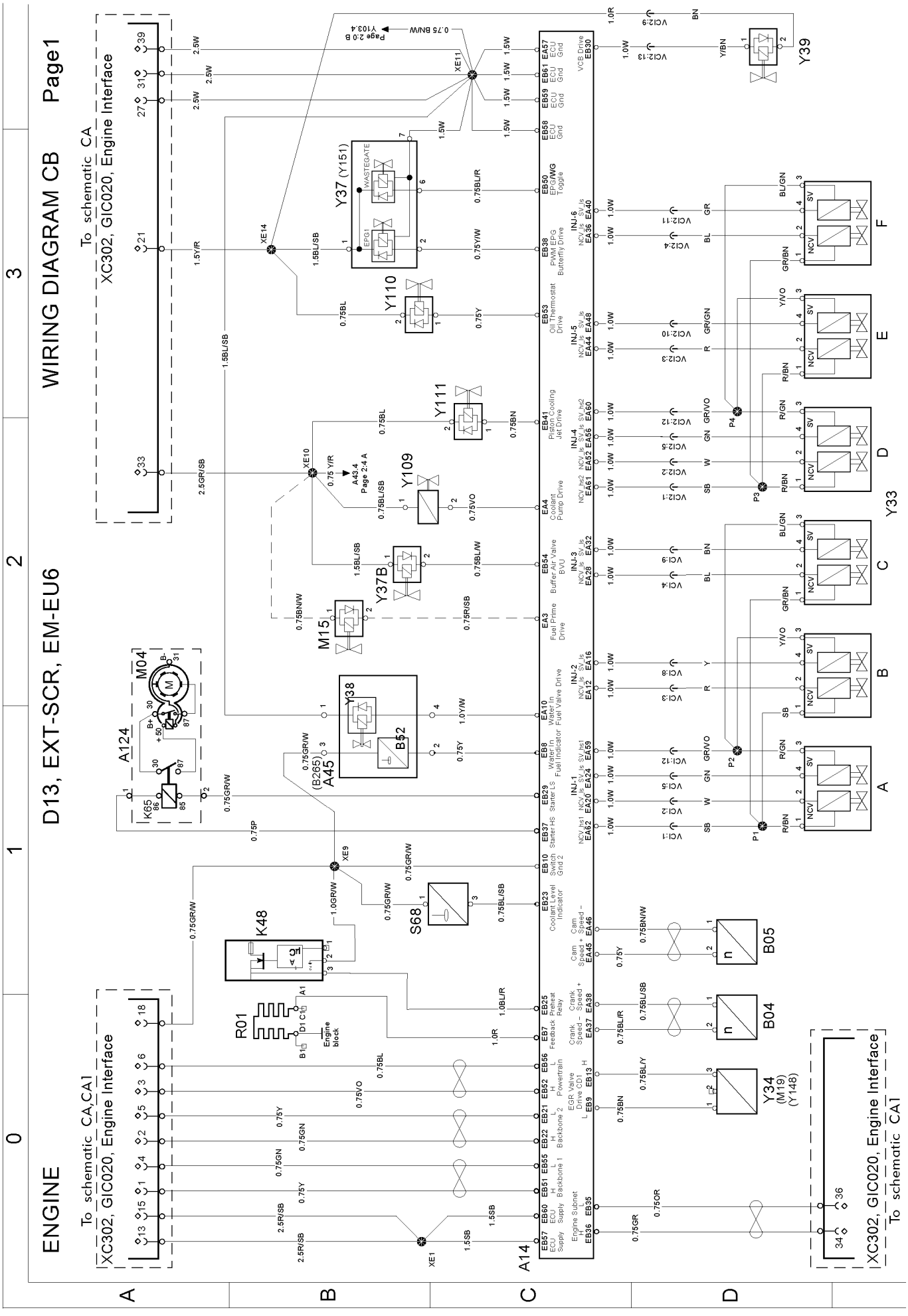
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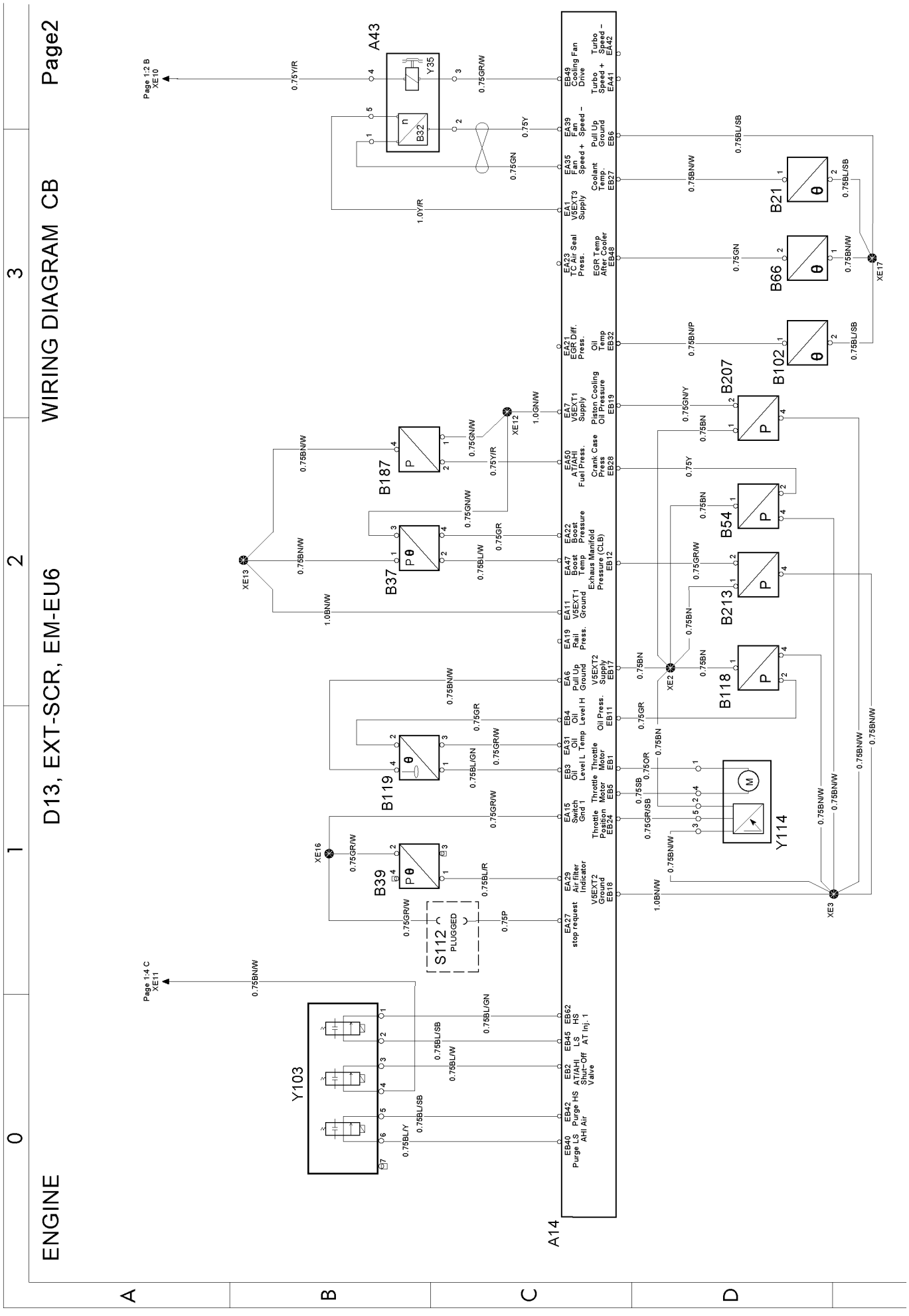


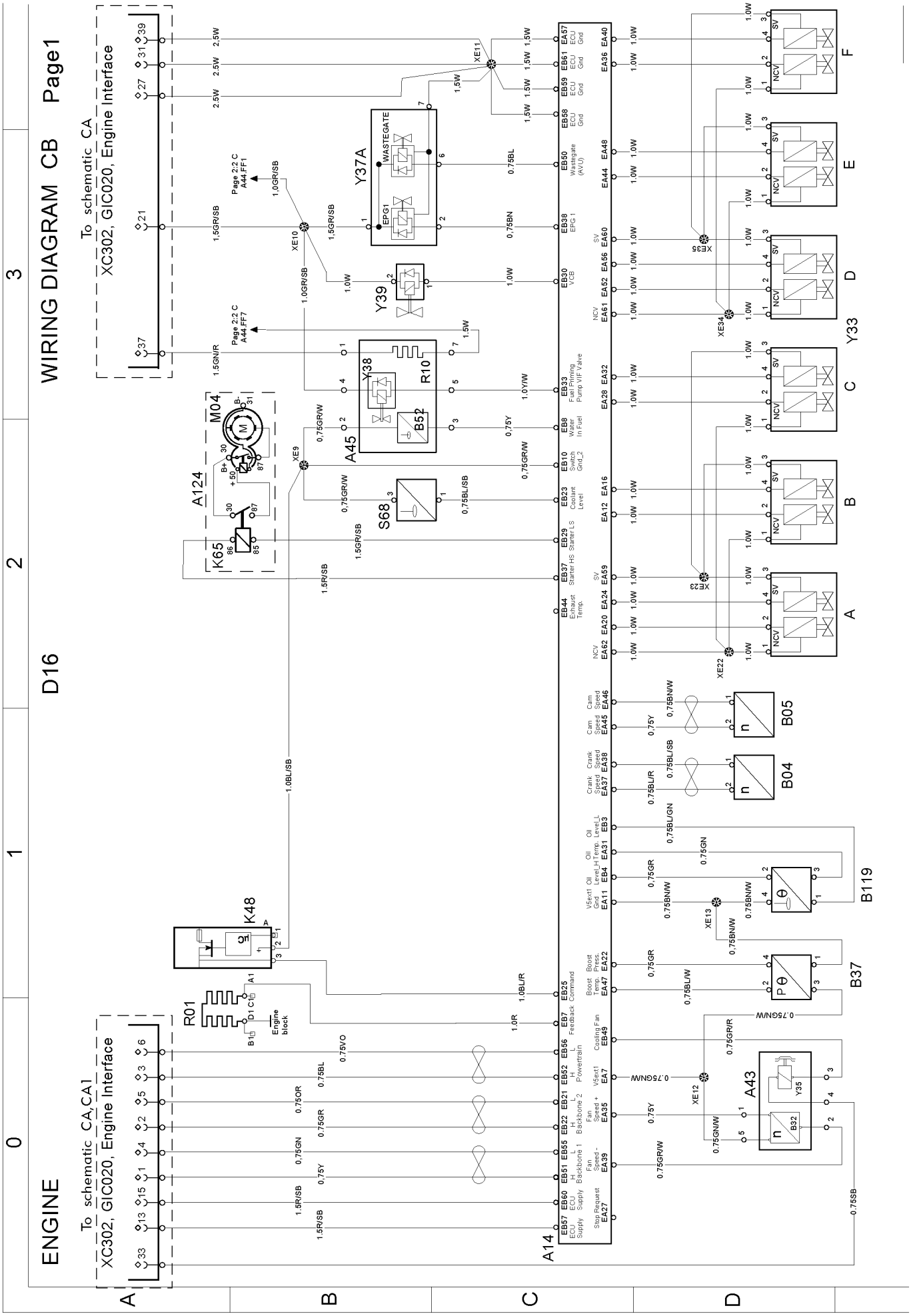

ENGINE
D13, EM-EC06, EM-EU5
WIRING DIAGRAM CB
Page 2
To schematic CA
XC302, GIC020, Engine Interface
A43
A14
B32
Y35
B37
B119
B21
B39
B207
B54
B118
B51
B213
XE3
XE5
XE6
XE12
XE13
XE15
EB49 Cooling Fan Drive
EA39 Fan Speed –
EA35 Fan Speed +
EA7 V5EXT1 Supply
EA47 Boost Temp
EA22 Boost Pressure
EA11 V5EXT1 Gnd
EB4 Oil Level H
EA31 Oil Temp
EB3 Oil Level L
EB18 V5EXT2 Gnd
EB27 Coolant Temp
EA29 Air Filter Indicator
EA15 GND
EB19 Oil Piston Cooling Jet Pressure
EB17 V5EXT2 Supply
EB28 Crank Case Pressure
EB11 Oil Pressure
EB16 Fuel Pressure
EB12 Butterfly Valve Back Pressure
0,75SB
0,75GN/W
0,75BN/W
0,75GR/W
0,75BL/R
0,75BL/SB
0,75Y/W
0,75BL/GN
0,75GR
0,75GN
0,75BL/W
0,75Y
0,75BN
0,75OR
0,75BL/Y
0,75GN/Y

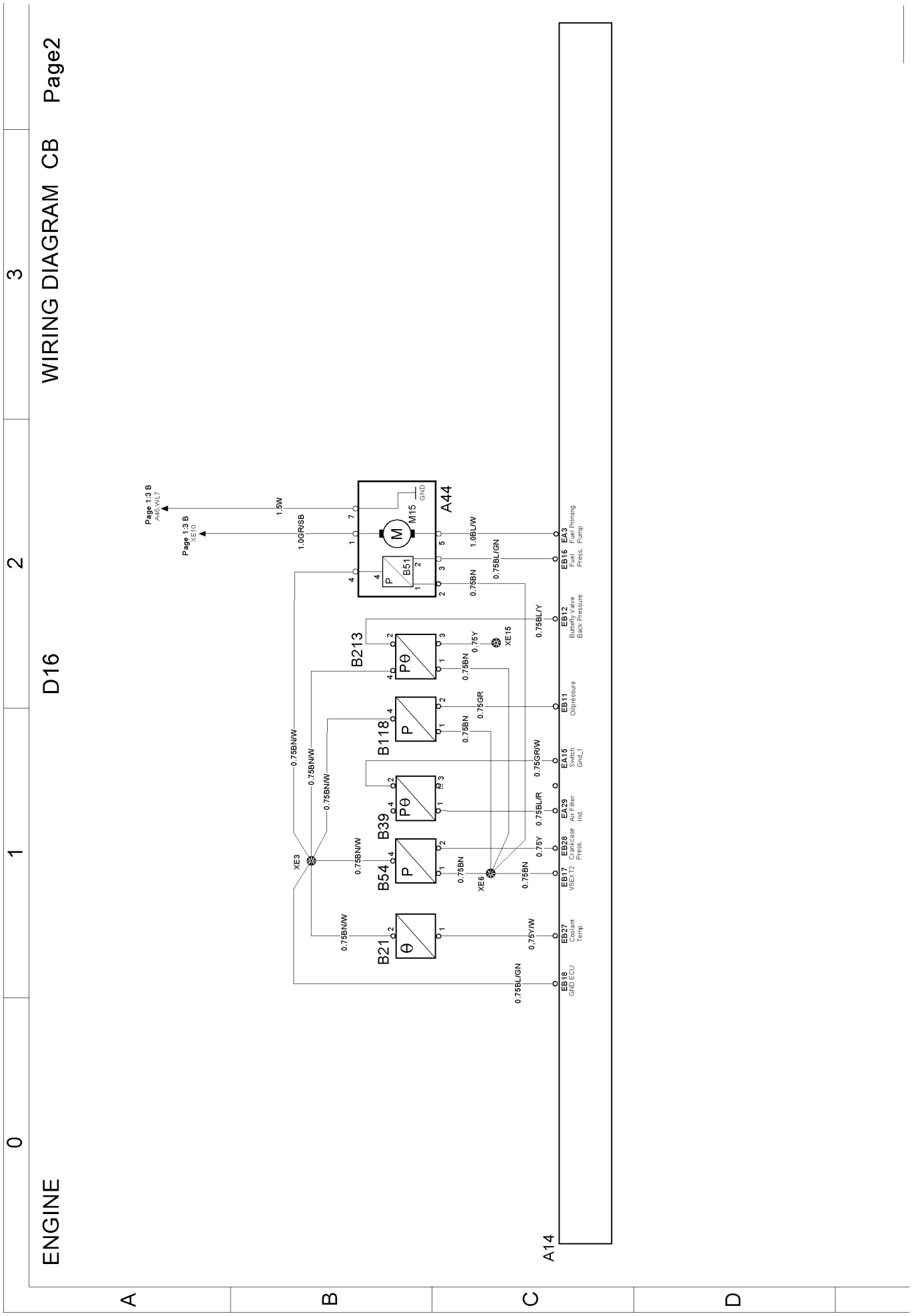

ENGINE
D13, EML4, EM-EU6
WIRING DIAGRAM CB
Page1
To schematic CA
XC302, GIC020, Engine Interface
To schematic CA1
XC302, GIC020, Engine Interface
Y33
A14
A124
M04
K65
K48
R01
S68
B52
R10
Y38
A45
Y39
Y109
Y110
Y111
Y37
WASTEGATE
EPS1
XE10
XE11
XE9
XE30
XE22
XE23
XE34
XE35
B04
B05
Y34
Engine block
Page 2:0 B
Y103.5
A43.4
Page 2:4 A


ENGINE
D13, EML4, EM-EU6
WIRING DIAGRAM CB
Page2
A
B
C
D
0
1
2
3
A14
A43
Y35
B32
B187
B37
B119
B39
B118
B213
B54
B51
B207
B21
Y114
Y103
XE13
XE12
XE20
XE6
XE3
Page 1:2 B XE50
Page 1:4 C XE11
0.75SB
0.75GR/R
0.75GR/W
0.75Y
0.75GN/W
0.75GN/R
1.0GN/W
0.75BN/W
1.0BN/W
0.75GR
0.75GN
0.75BL/W
0.75BL/R
0.75BL/GN
0.75BL/SB
0.75BL/Y
0.75GR/SB
0.75OR
0.75SB
0.75BN
1.0BN
0.75Y/W
0.75GN/Y
0.75BL/GN
EB49 Cooling Fan Drive
EB42 Turbo Speed – EA42
EB41 Turbo Speed + EA41
EB6 Pull Up Ground
EA39 Fan Speed –
EA35 Fan Speed +
EB27 Coolant Temp.
EA1 V5EXT3 Supply
EB19 Piston Cooling Oil Pressure
EA7 V5EXT1 Supply
EB16 Fuel Press
EA50 A/T/AHI Fuel Press.
EB28 Crank Case Press
EA21 EGR Diff. Press.
EB12 Exhaus Manifold Pressure (CLB)
EB17 V5EXT2 Supply
EA47 Boost Temp
EA22 Boost Pressure
EB11 Oil Press.
EA11 V5EXT1 Ground
EB1 Throttle Motor
EA6 Pull Up Ground
EB5 Throttle Motor
EB4 Oil Level H
EB24 Throttle Position
EA31 Oil Level L Temp
EB3 Oil Level L
EA15 Switch Gnd 1
EB18 V5EXT2 Ground
EB48 EGR Temp After Cooler
EA29 Air filter Indicator
EA27 stop request
EB40 Purge LS
EB42 Purge HS
EB2 A/T/AHI Shut-Off Valve
EB45 LS AT Inj. 1
EB62 HS

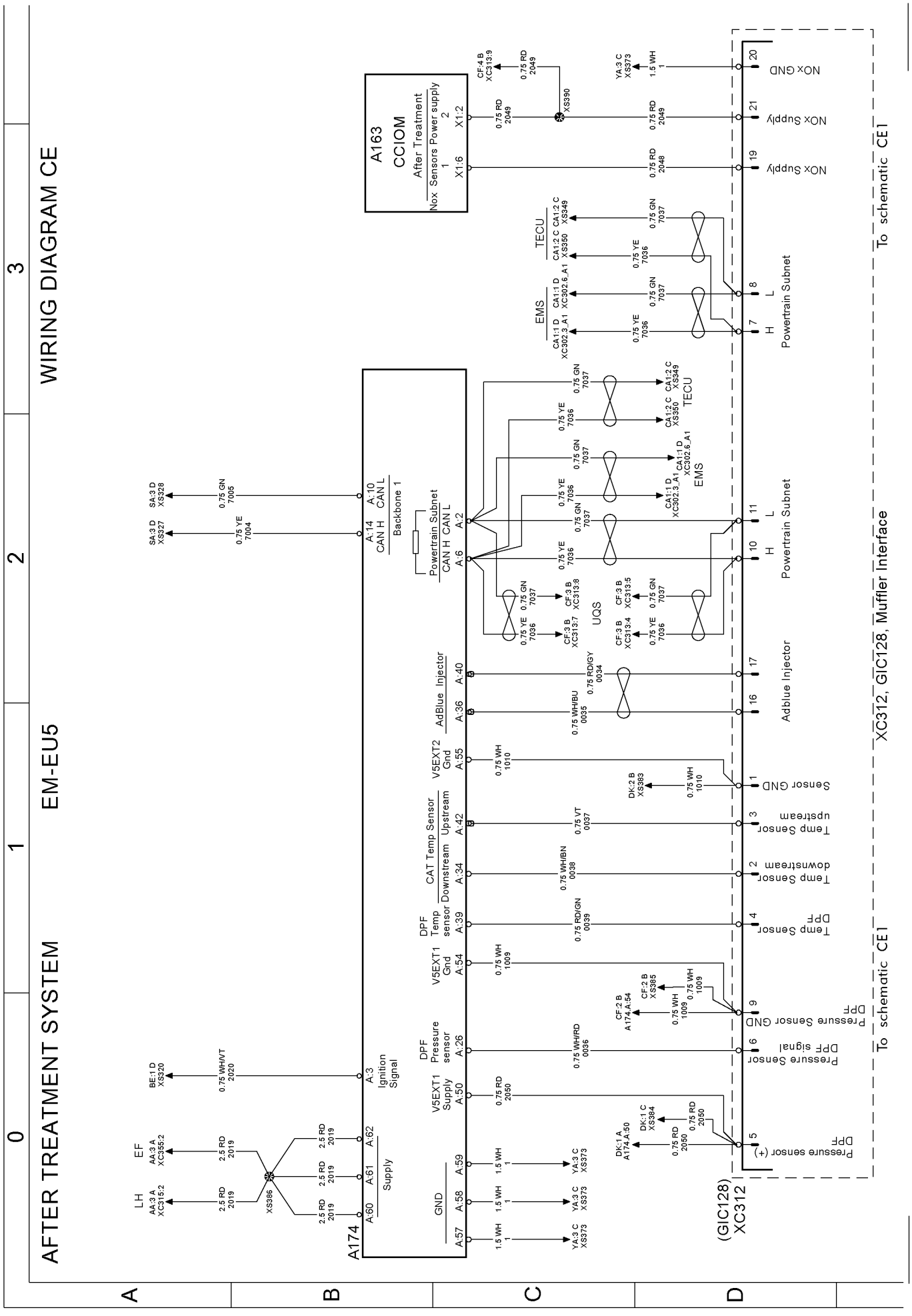

ENGINE
D13, EXT-SCR, EM-EU6
WIRING DIAGRAM CB
Page1
To schematic CA
XC302, GIC020, Engine Interface
To schematic CA1
XC302, GIC020, Engine Interface
A14
A124
M04
K65
K48
R01
S68
M15
Y37B
Y38
B52
Y109
Y110
Y111
Y37 (Y151)
WASTEGATE
EPG1
Y34
(M19)
(Y148)
B04
B05
XE1
XE9
XE10
XE11
XE14
A45
(B265)
Y39
Y33
A
B
C
D
E
F
P1
P2
P3
P4
Engine block
T3080593


ENGINE
D13, EXT-SCR, EM-EU6
WIRING DIAGRAM CB
Page2
0
1
2
3
A
B
C
D
A14
A43
Y35
B32
Y103
Y114
B37
B39
B119
B187
B213
B118
B54
B207
B102
B66
B21
S112
PLUGGED
XE2
XE3
XE12
XE13
XE16
XE17
Page 1:2 B
XE10
Page 1:4 C
XE11
0.75YR
0.75GR/W
0.75GN
0.75Y
1.0Y/R
0.75BN/W
0.75BL/GN
0.75BL/SB
0.75BL/W
0.75BL/Y
0.75GR/W
0.75BL/R
0.75P
0.75GN/W
0.75Y/R
1.0GN/W
0.75GR
0.75BL/GN
0.75BN
0.75GN/Y
0.75BN/P
0.75BL/SB
1.0BN/W
0.75SB
0.75OR
0.75GR/SB

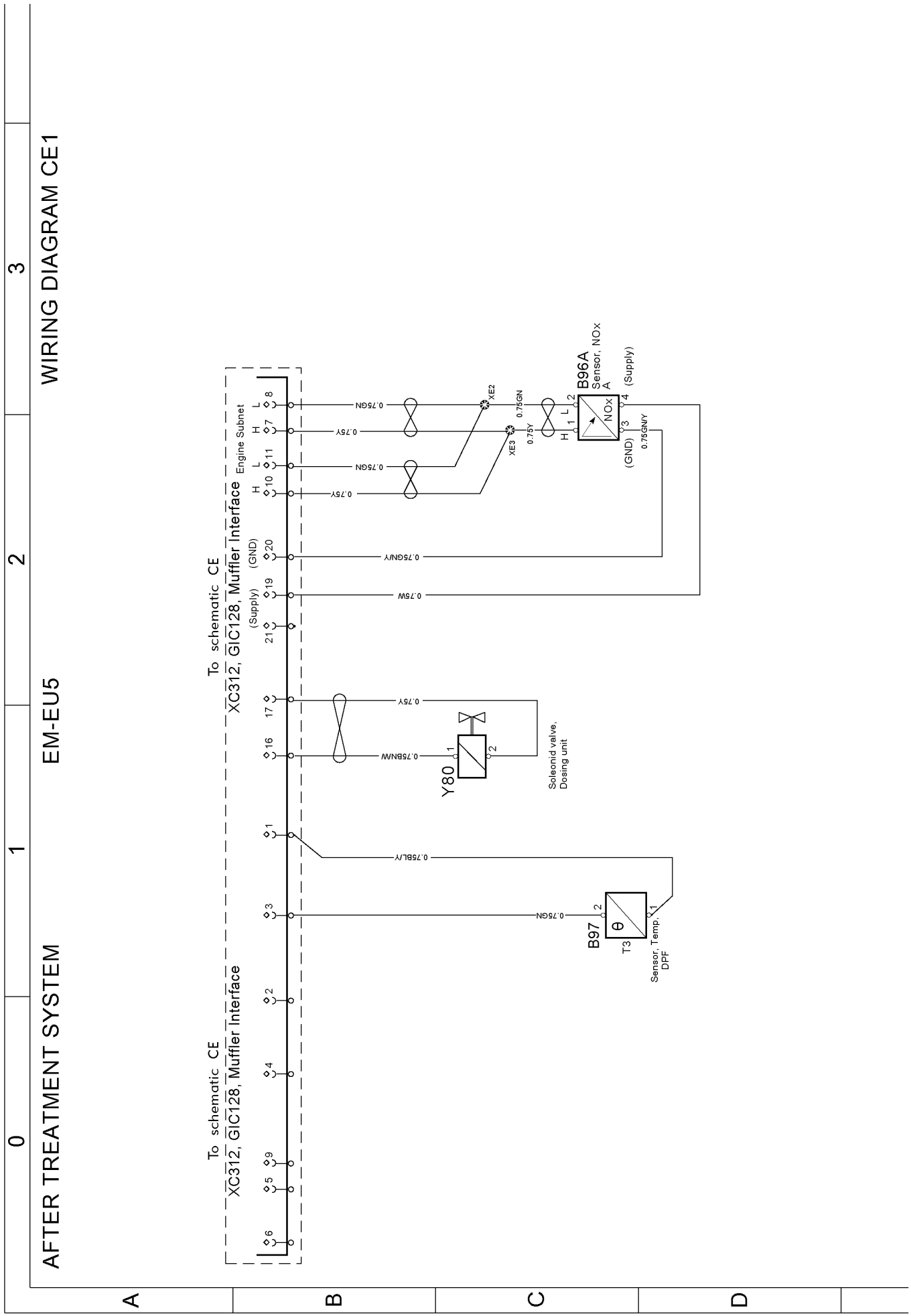

ENGINE
D16
WIRING DIAGRAM CB Page1
To schematic CA
XC302, GIC020, Engine Interface
To schematic CA,CA1
XC302, GIC020, Engine Interface
A14
A43
A45
A124
K48
K65
M04
R01
S68
Y37A
Y38
Y39
B04
B05
B37
B52
B119
Engine block
WASTEGATE
EPG1
Page 2:2 C A44.FF1
Page 2:2 C A44.FF7
A
B
C
D
0
1
2
3


ENGINE
D16
WIRING DIAGRAM CB Page2
A14
A44
B213
B118
B39
B54
B21
B51
M15
GND
XE3
XE6
XE15
Page 1;3 B
A45;WL7
Page 1;3 B
XE10
EB18 GND ECU
EB27 Coolant Temp.
EB17 VSD_T2
EB28 Crankcase Press.
EA29 Air Filter Ind.
EA15 Switch Gnd_1
EB11 Oilpressure
EB12 Butterfly Valve Back Pressure
EB16 Fuel Press.
EA3 Fuel Priming Pump
1.5W
1.0GR/SB
1.0BL/W
0.75BL/GN
0.75BN
0.75Y
0.75BL/Y
0.75GR
0.75GR/W
0.75BL/R
0.75BN/W
0.75Y/W

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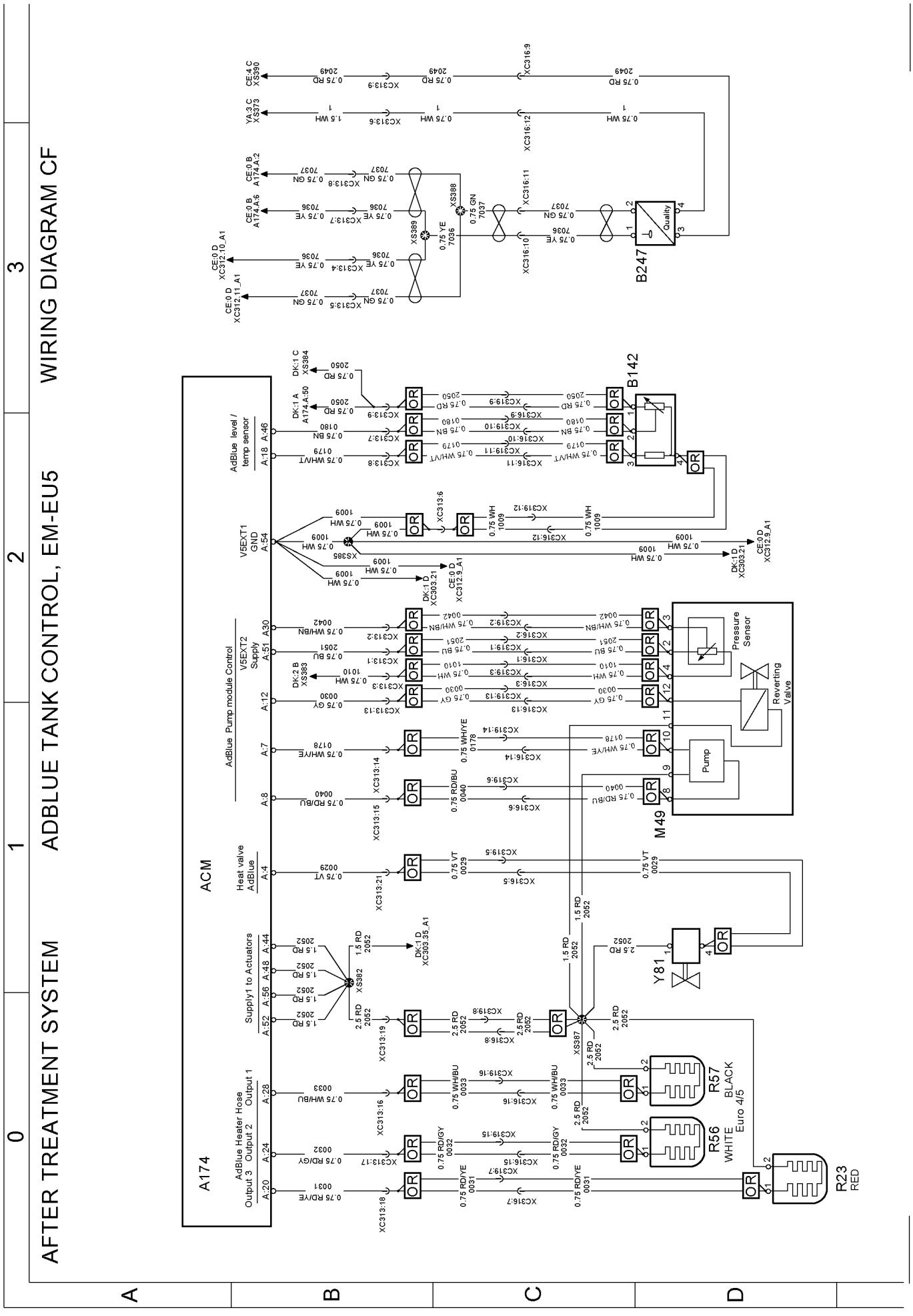



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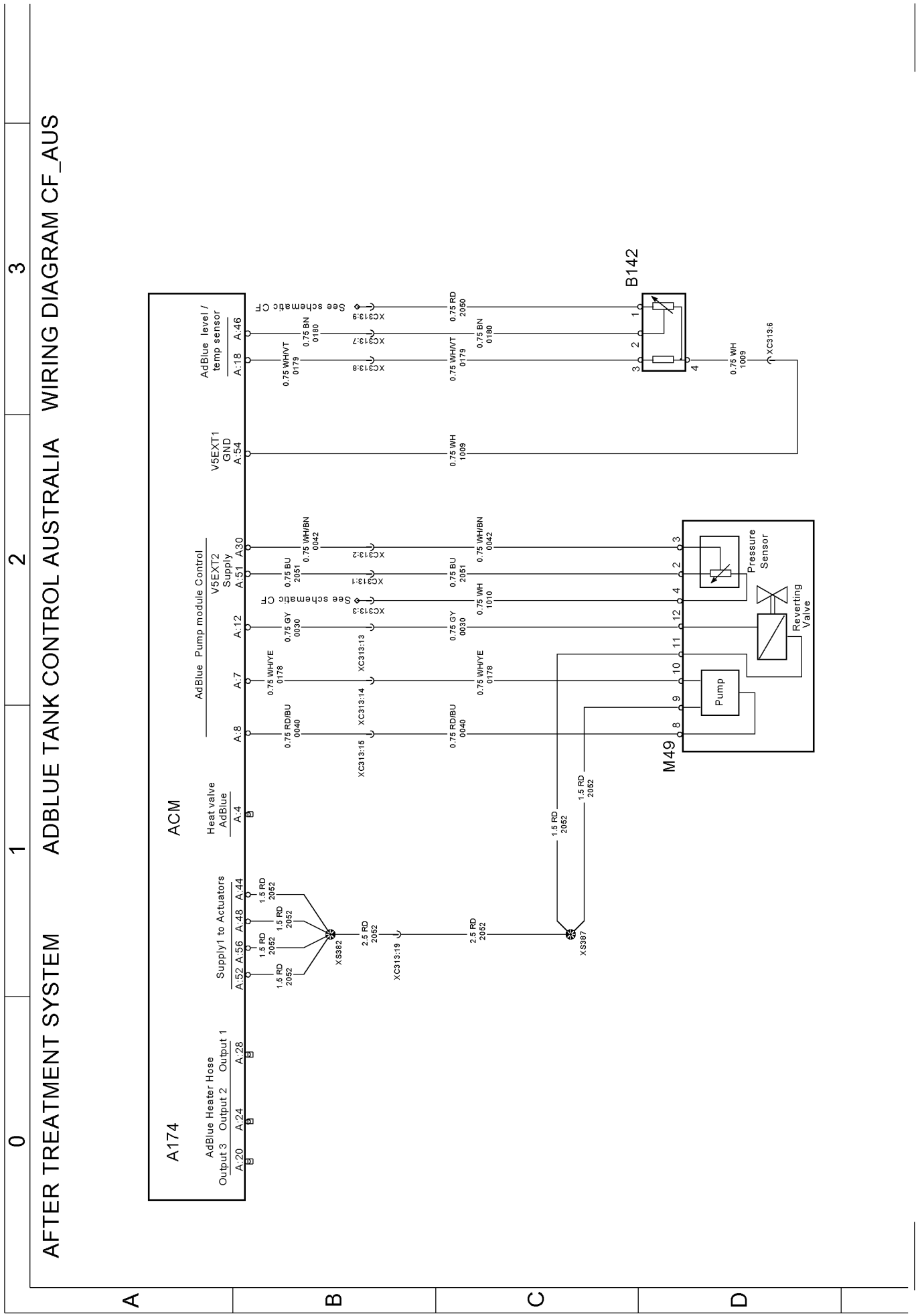

AFTER TREATMENT SYSTEM
EM-EU5
WIRING DIAGRAM CE1
0
1
2
3
A
B
C
D
To schematic CE
XC312, GIC128, Muffler Interface
Engine Subnet
(GND)
(Supply)
0.75GN
0.75Y
0.75GN
0.75Y
0.75GN/Y
0.75W
0.75Y
0.75BN/W
0.75BL/Y
0.75GN
XE2
XE3
0.75GN
0.75Y
B96A
Sensor, NOx
A
NOx
(Supply)
(GND)
0.75GN/Y
Y80
Soleonid valve,
Dosing unit
B97
T3
Sensor, Temp,
DPF

T3077266

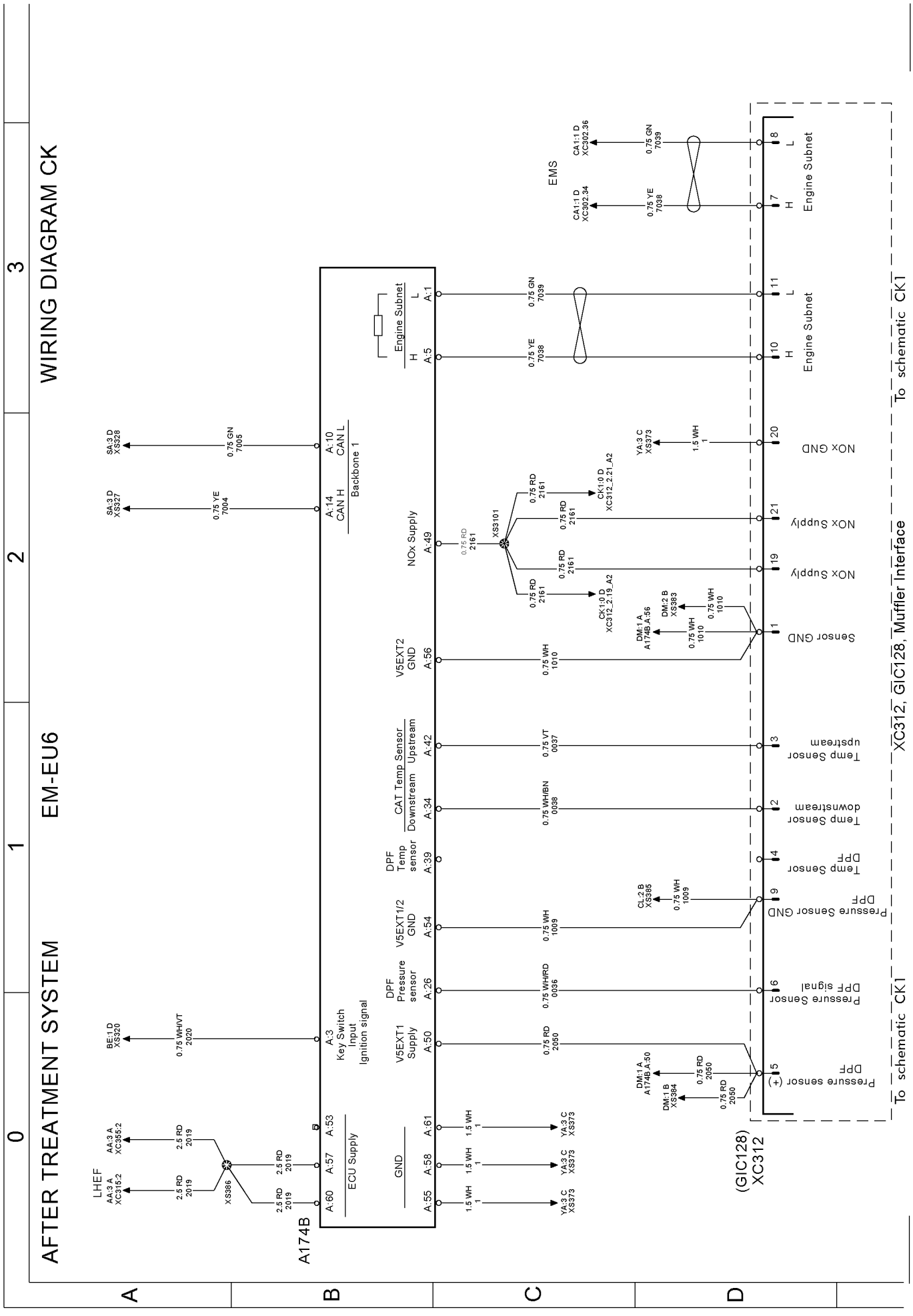
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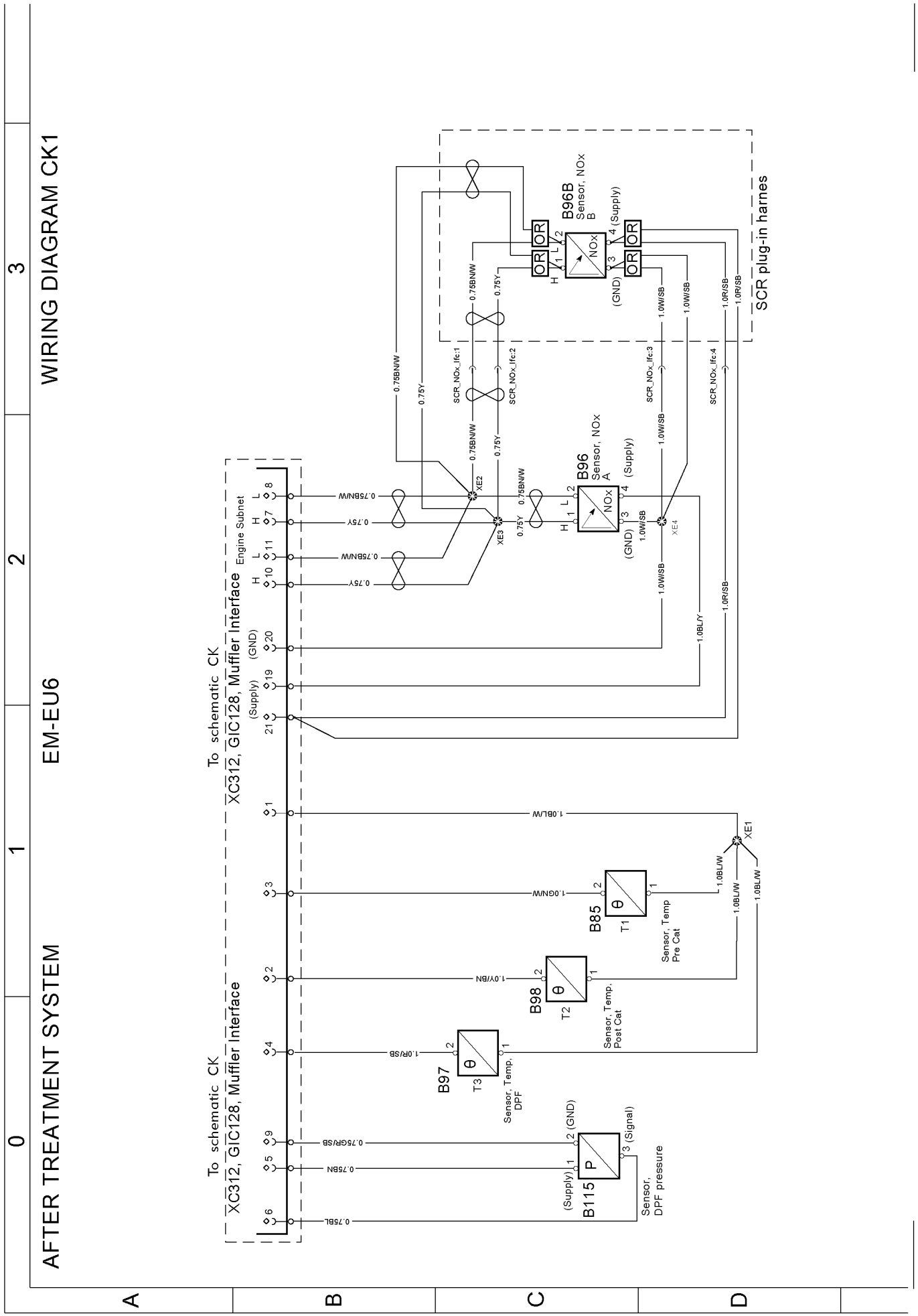



T3086410

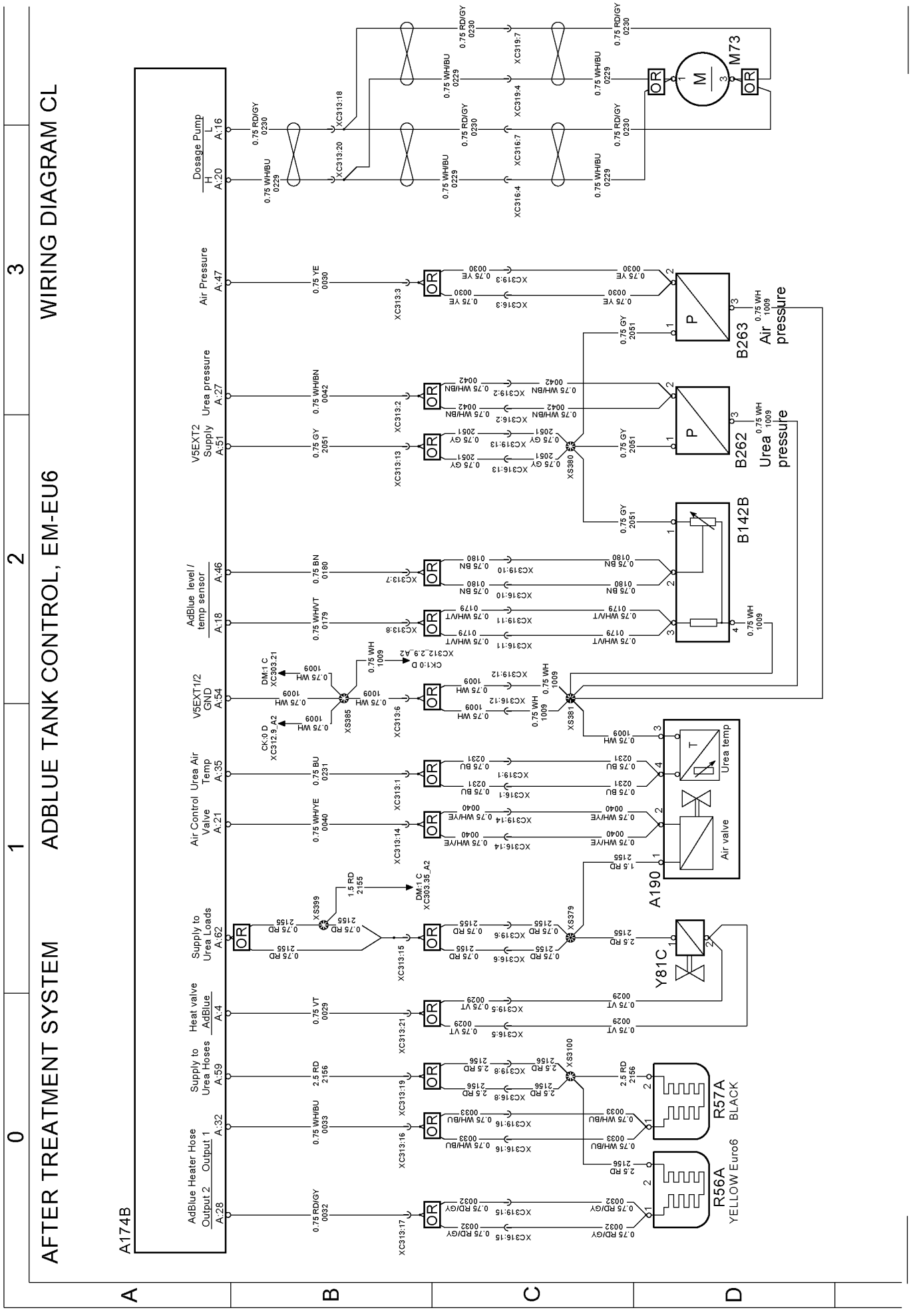

AFTER TREATMENT SYSTEM ADBLUE TANK CONTROL AUSTRALIA WIRING DIAGRAM CF_AUS
A174
ACM
AdBlue Heater Hose
Output 3 Output 2 Output 1
A:20 A:24 A:28
Supply1 to Actuators
A:52 A:56 A:48 A:44
Heat valve AdBlue
A:4
AdBlue Pump module Control
V5EXT2 Supply
A:8 A:7 A:12 A:51 A:30
V5EXT1 GND
A:54
AdBlue level / temp sensor
A:18 A:46
B142
M49
Pump
Pressure Sensor
Reverting Valve
See schematic CF
XS382
XS387
XC313:1
XC313:2
XC313:3
XC313:4
XC313:5
XC313:6
XC313:7
XC313:8
XC313:9
XC313:10
XC313:11
XC313:12
XC313:13
XC313:14
XC313:15
XC313:19
0.75 WH/VT 0179
0.75 BN 0180
0.75 RD 2050
0.75 WH 1009
0.75 BU 2051
0.75 WH/BN 0042
0.75 GY 0030
0.75 WH 1010
0.75 WH/YE 0178
0.75 RD/BU 0040
1.5 RD 2052
2.5 RD 2052

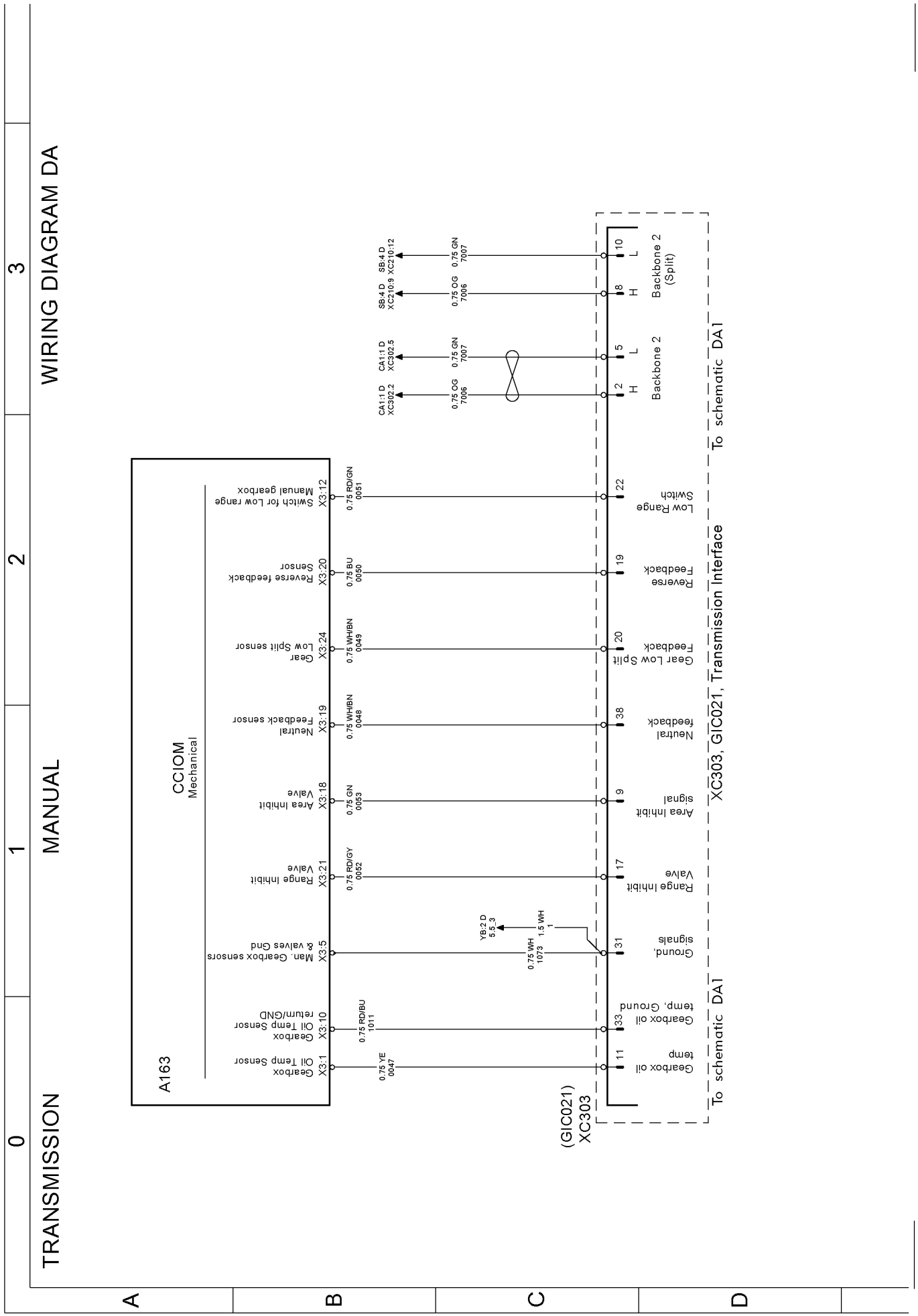
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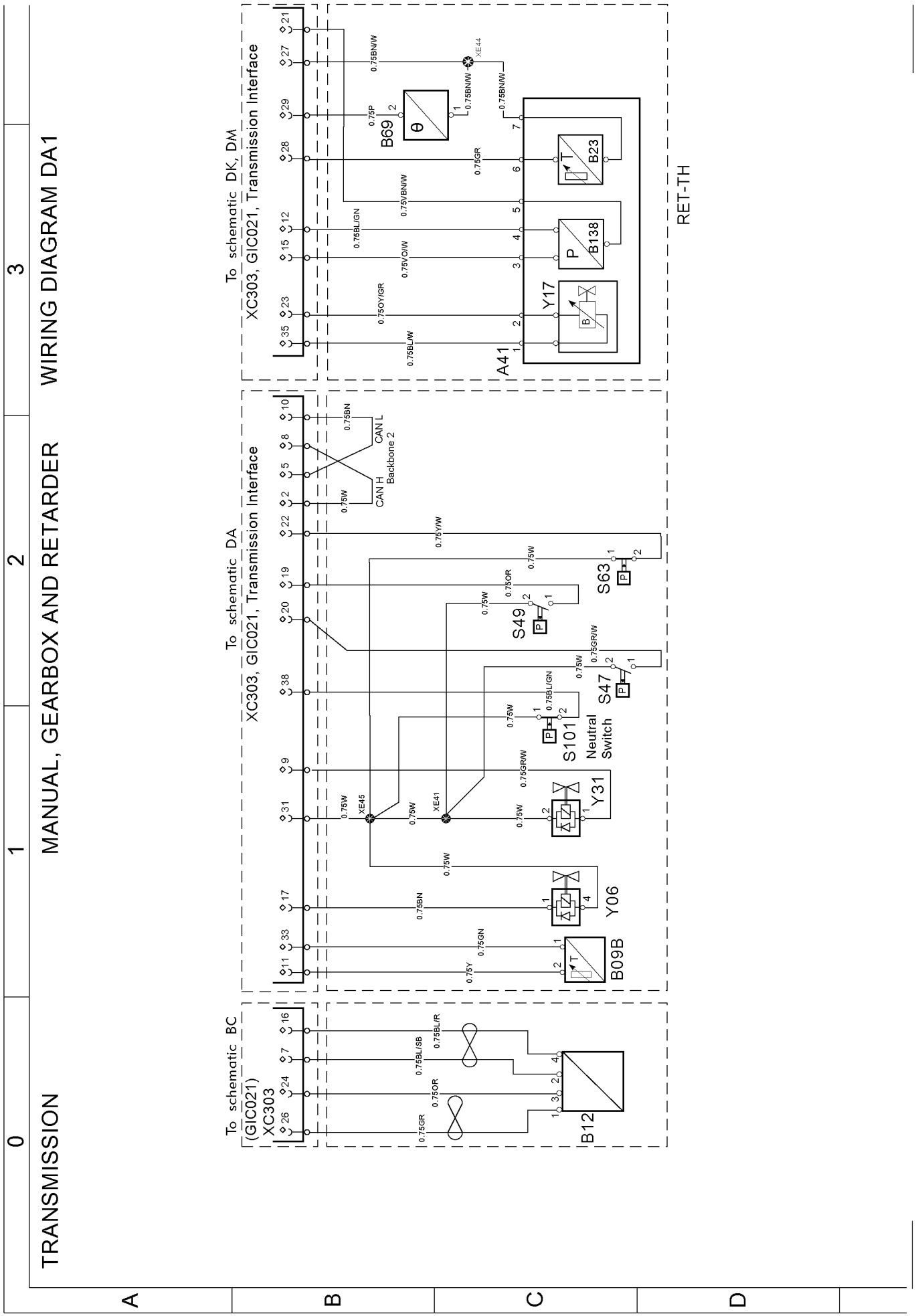

AFTER TREATMENT SYSTEM
EM-EU6
WIRING DIAGRAM CK1
0
1
2
3
A
B
C
D
To schematic CK
XC312, GIC128, Muffler Interface
Engine Subnet
(GND)
(Supply)
B96
Sensor, NOx
A
B96B
Sensor, NOx
B
SCR plug-in harnes
SCR_NOx_Ifc:1
SCR_NOx_Ifc:2
SCR_NOx_Ifc:3
SCR_NOx_Ifc:4
XE1
XE2
XE3
XE4
B85
Sensor, Temp
Pre Cat
B98
Sensor, Temp,
Post Cat
B97
Sensor, Temp,
DPF
B115
Sensor,
DPF pressure
0.75BN/W
0.75Y
1.0W/SB
1.0R/SB
1.0BL/Y
1.0BL/W
1.0GN/W
1.0Y/BN
1.0R/SB
0.75GR/SB
0.75BN
0.75BL

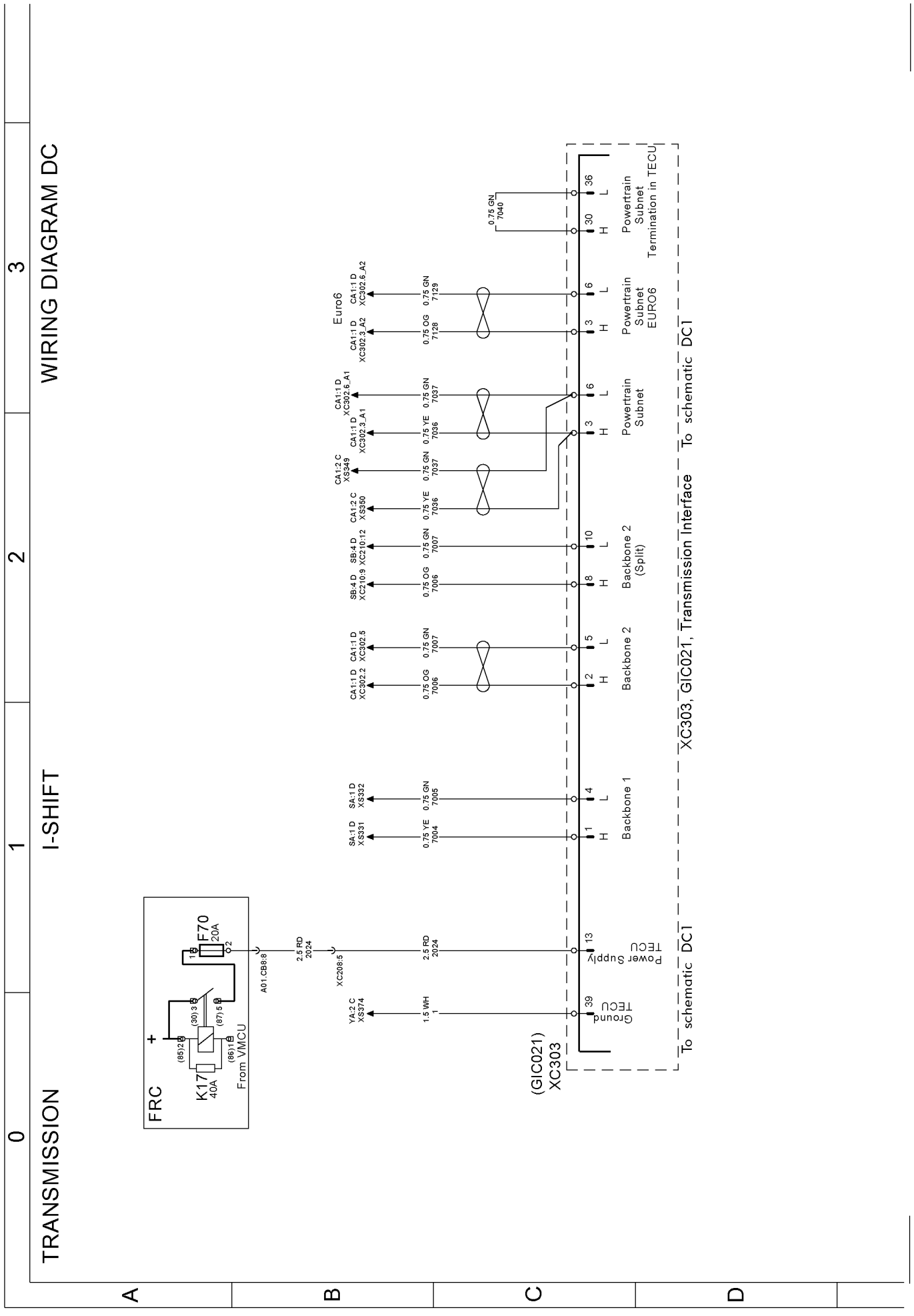
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TRANSMISSION
MANUAL
WIRING DIAGRAM DA
0
1
2
3
A
B
C
D
A163
CCIOM
Mechanical
Switch for Low range
Manual gearbox
X3:12
0.75 RD/GN
0051
Reverse feedback
Sensor
X3:20
0.75 BU
0050
Gear
Low Split sensor
X3:24
0.75 WH/BN
0049
Neutral
Feedback sensor
X3:19
0.75 WH/BN
0048
Area Inhibit
Valve
X3:18
0.75 GN
0053
Range Inhibit
Valve
X3:21
0.75 RD/GY
0052
Man. Gearbox sensors
& valves Gnd
X3:5
Gearbox
Oil Temp Sensor
return/GND
X3:10
0.75 RD/BU
1011
Gearbox
Oil Temp Sensor
X3:1
0.75 YE
0047
YB:2 D
5.5 3
0.75 WH
1073
1.5 WH
1
(GIC021)
XC303
Gearbox oil
temp
11
Gearbox oil
temp, Ground
33
Ground,
signals
31
Range Inhibit
Valve
17
Area Inhibit
signal
9
Neutral
feedback
38
Gear Low Split
Feedback
20
Reverse
Feedback
19
Low Range
Switch
22
To schematic DA1
XC303, GIC021, Transmission Interface
To schematic DA1
CA1:1 D
XC302.2
0.75 OG
7006
CA1:1 D
XC302.5
0.75 GN
7007
Backbone 2
H
2
Backbone 2
L
5
SB:4 D
XC210:9
0.75 OG
7006
SB:4 D
XC210:12
0.75 GN
7007
Backbone 2
(Split)
H
8
L
10

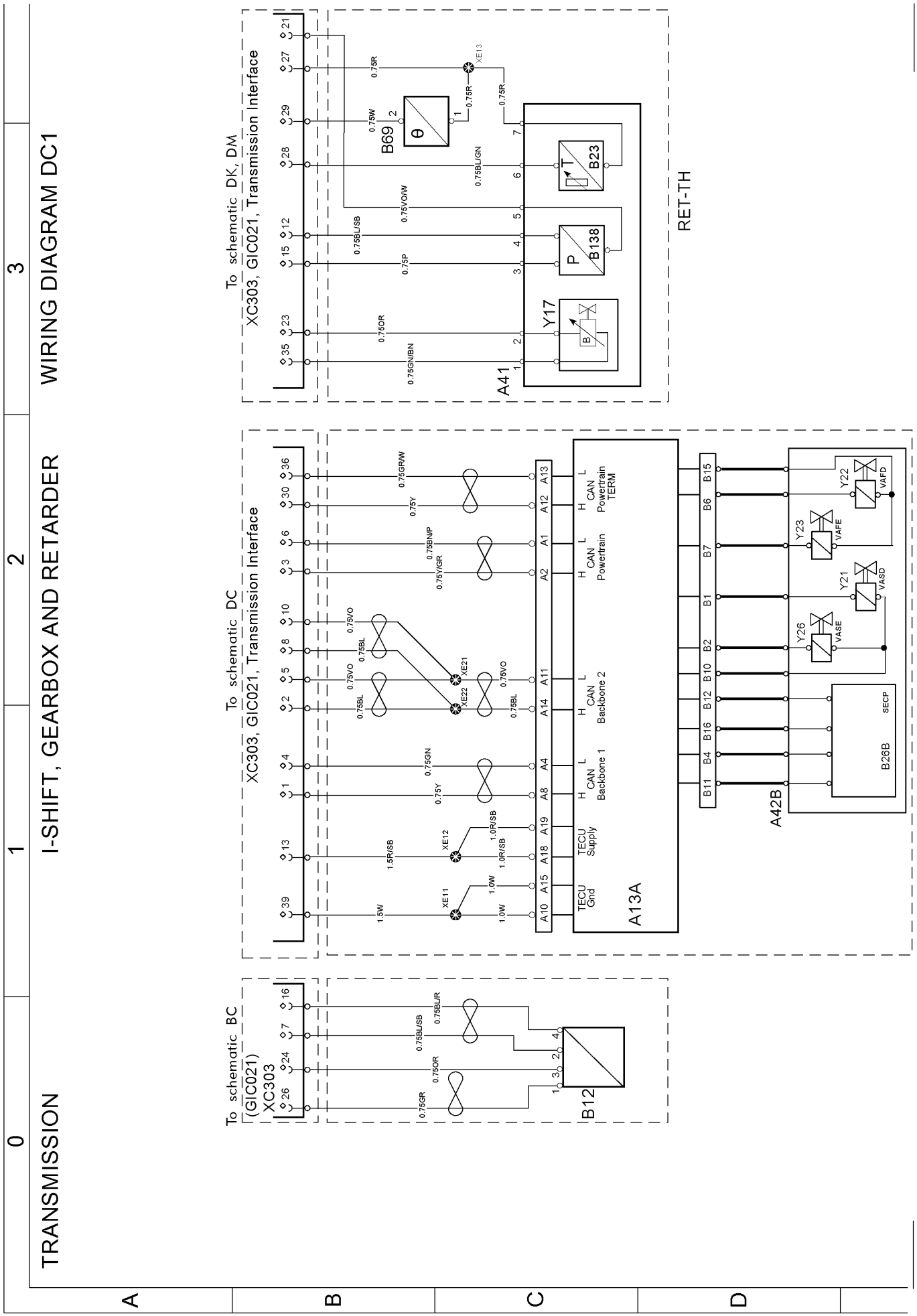
T3086414


TRANSMISSION
MANUAL, GEARBOX AND RETARDER
WIRING DIAGRAM DA1
0
1
2
3
A
B
C
D
To schematic BC
(GIC021)
XC303
To schematic DA
XC303, GIC021, Transmission Interface
To schematic DK, DM
XC303, GIC021, Transmission Interface
CAN L
Backbone 2
CAN H
Backbone 2
Neutral
Switch
RET-TH
B12
B09B
B69
A41
Y06
Y31
Y17
S101
S47
S49
S63
B23
B138
XE41
XE44
XE45

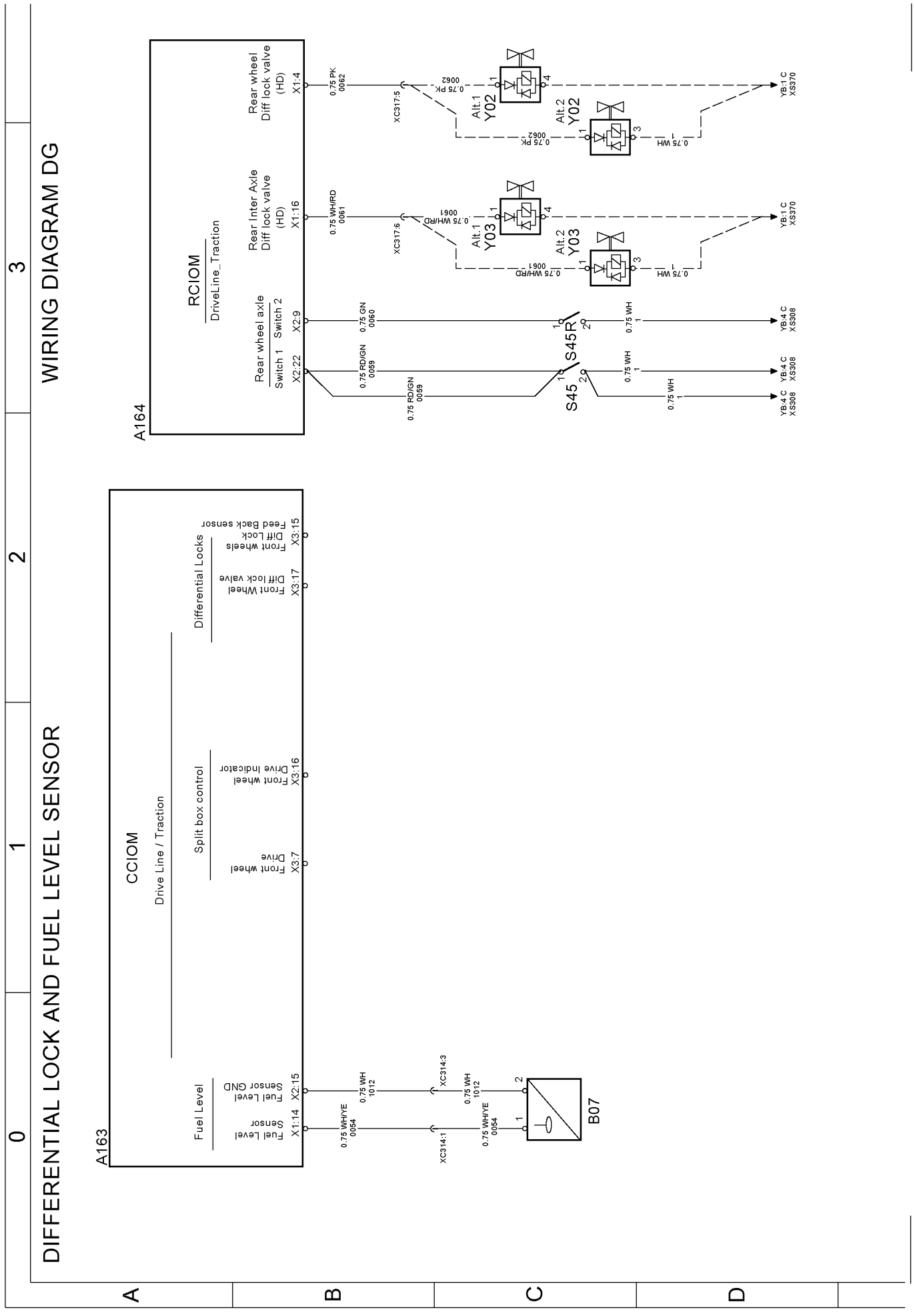

TRANSMISSION
I-SHIFT
WIRING DIAGRAM DC
0
1
2
3
A
B
C
D
FRC
K17
40A
F70
20A
From VMCU
A01.CB8:8
2.5 RD
2024
XC208:5
YA:2 C
XS374
1.5 WH
1
2.5 RD
2024
TECU
Power Supply
Ground
(GIC021)
XC303
To schematic DC1
XC303, GIC021, Transmission Interface
To schematic DC1
Backbone 1
Backbone 2
Backbone 2
(Split)
Powertrain
Subnet
Powertrain
Subnet
EURO6
Powertrain
Subnet
Termination in TECU
Euro6
0.75 GN
7040

T3065438

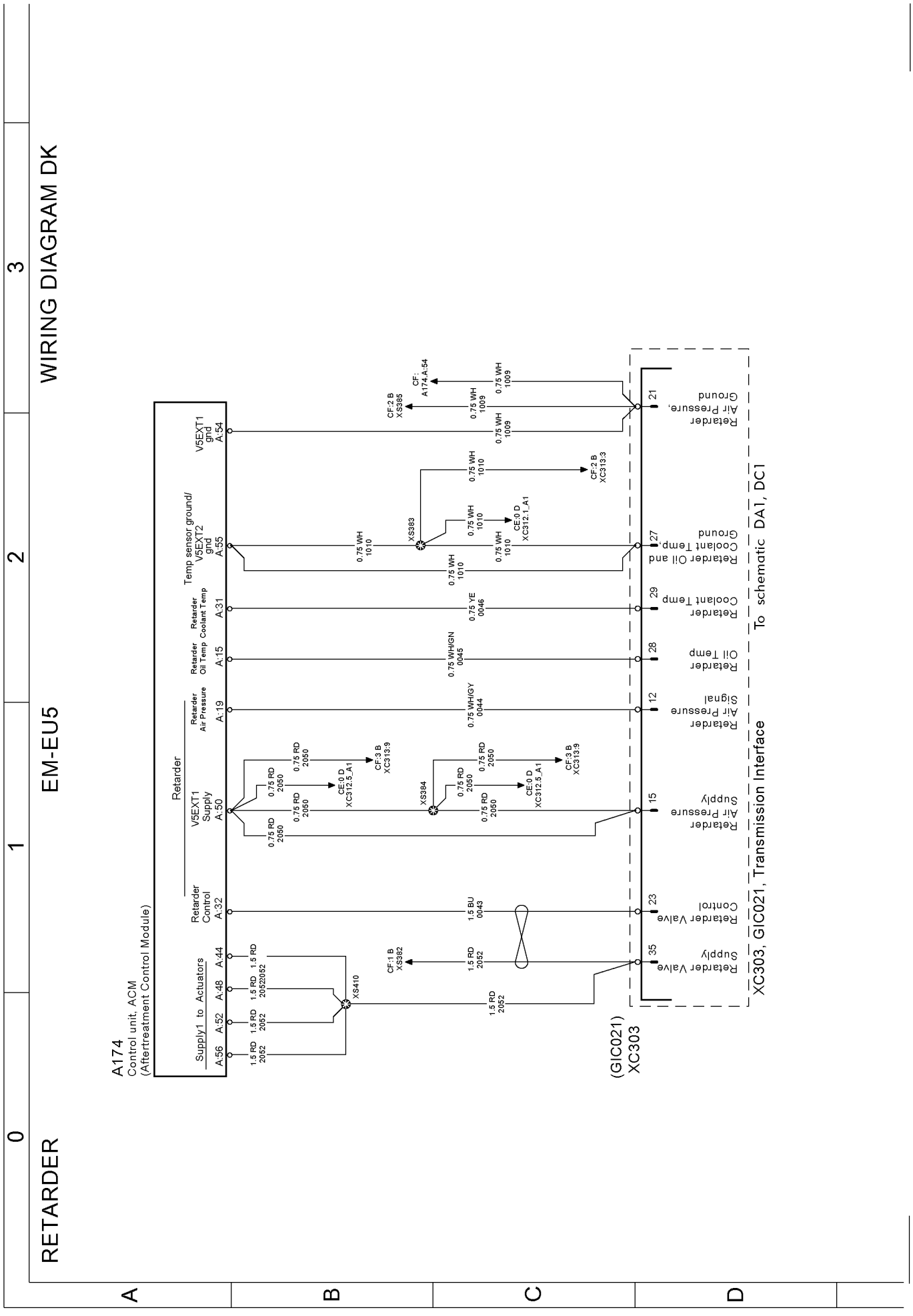
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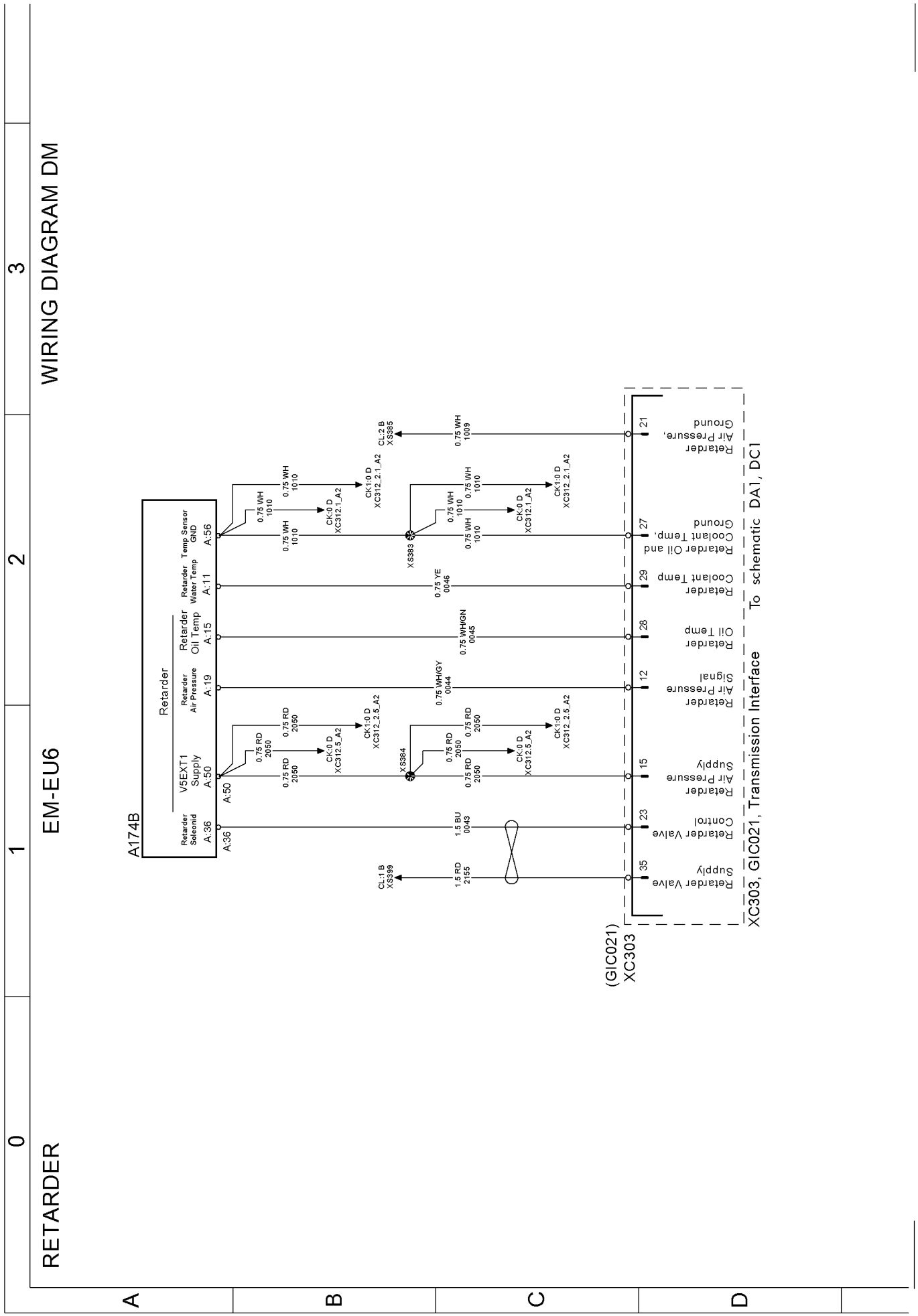



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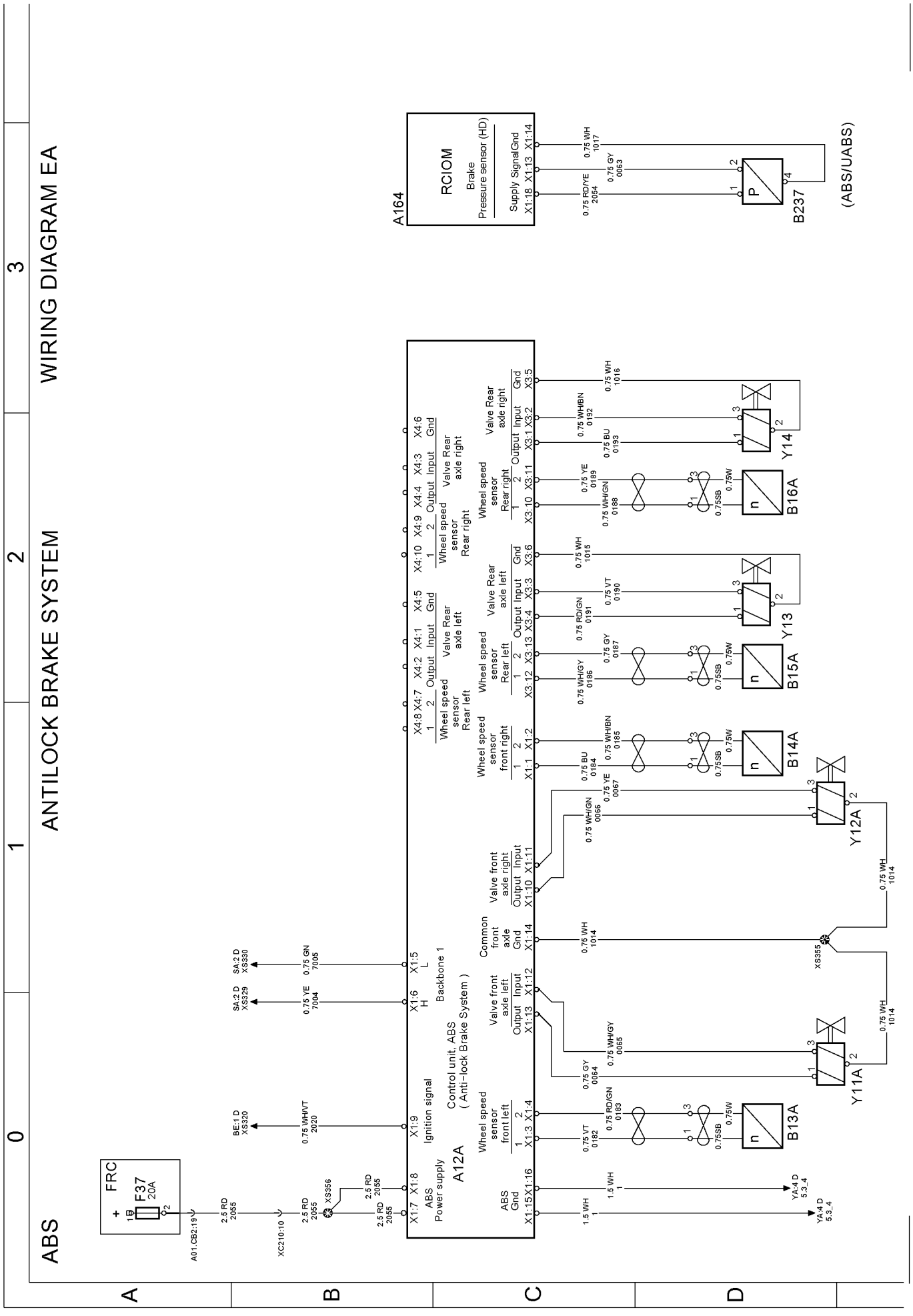

DIFFERENTIAL LOCK AND FUEL LEVEL SENSOR
WIRING DIAGRAM DG
A163
CCIOM
Drive Line / Traction
Fuel Level
Fuel Level Sensor
Fuel Level Sensor GND
Split box control
Front wheel Drive
Front wheel Drive Indicator
Differential Locks
Front Wheel Diff lock valve
Front wheels Diff Lock Feed Back sensor
X1:14
X2:15
X3:7
X3:16
X3:17
X3:15
0.75 WH/YE 0054
0.75 WH 1012
XC314:1
XC314:3
B07
A164
RCIOM
DriveLine_Traction
Rear wheel axle
Switch 1
Switch 2
X2:22
X2:9
Rear Inter Axle Diff lock valve (HD)
X1:16
Rear wheel Diff lock valve (HD)
X1:4
0.75 GN 0060
0.75 RD/GN 0059
0.75 WH/RD 0061
0.75 PK 0062
XC317:6
XC317:5
S45
S45R
Alt.1 Y03
Alt.2 Y03
Alt.1 Y02
Alt.2 Y02
0.75 WH
YB:1 C XS370
YB:4 C XS308

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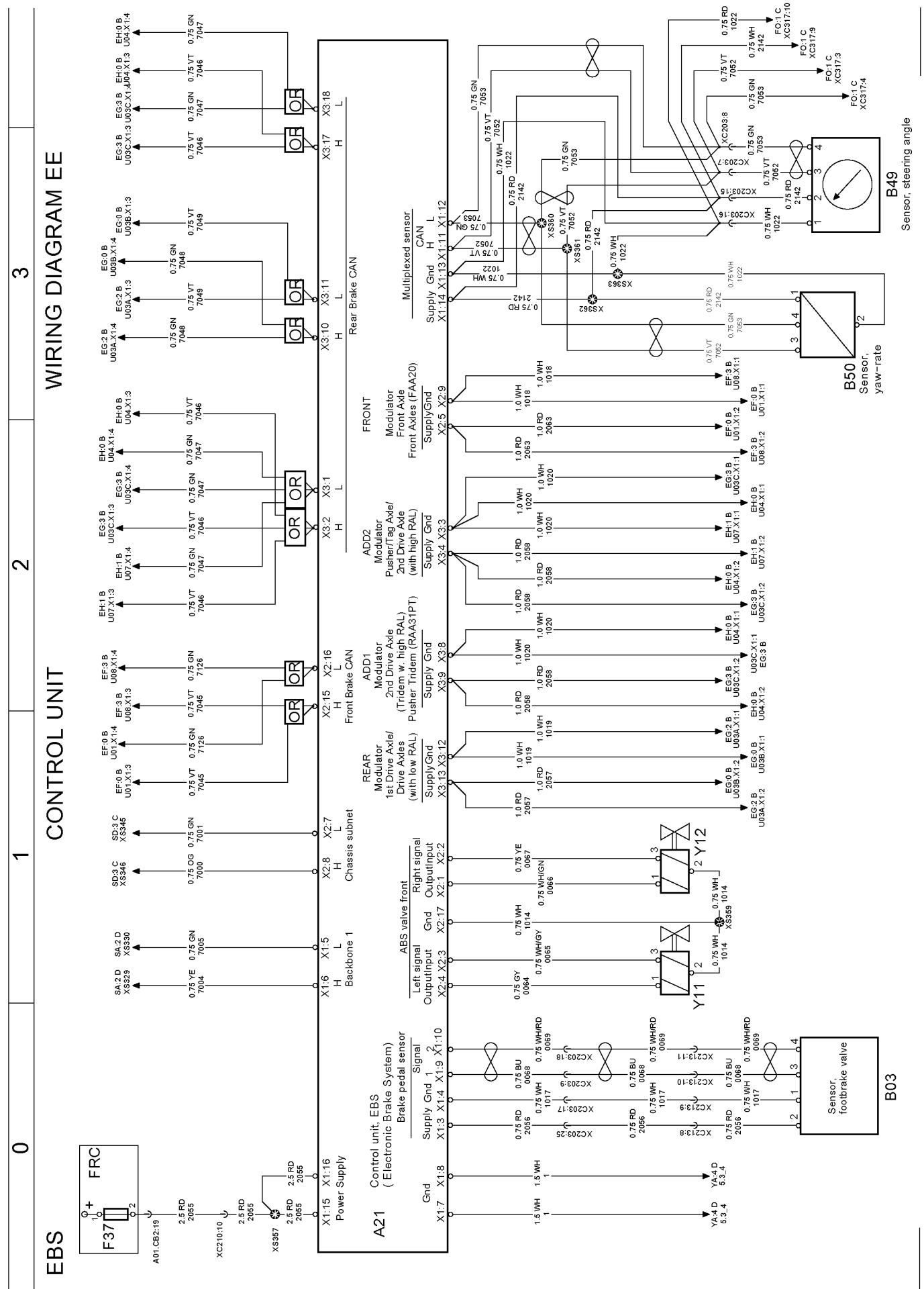

RETARDER
EM-EU6
WIRING DIAGRAM DM
A174B
Retarder
Retarder Solenoid A:36
V5EXT1 Supply A:50
Retarder Air Pressure A:19
Retarder Oil Temp A:15
Retarder Water Temp A:11
Retarder Temp Sensor GND A:56
A:36
A:50
1.5 BU 0043
0.75 RD 2050
0.75 WH/GY 0044
0.75 WH/GN 0045
0.75 YE 0046
0.75 WH 1010
0.75 WH 1009
CK:0 D XC312_2.5_A2
CK:1 D XC312_2.5_A2
CK:0 D XC312.1_A2
CK:1 D XC312_2.1_A2
CL:1 B XS399
CL:2 B XS385
XS384
XS383
(GIC021) XC303
Retarder Valve Supply 35
Retarder Valve Control 23
Retarder Air Pressure Supply 15
Retarder Air Pressure Signal 12
Retarder Oil Temp 28
Retarder Coolant Temp 29
Retarder Oil and Coolant Temp, Ground 27
Retarder Air Pressure, Ground 21
XC303, GIC021, Transmission Interface
To schematic DA1, DC1

https://truckmanualshub.com/



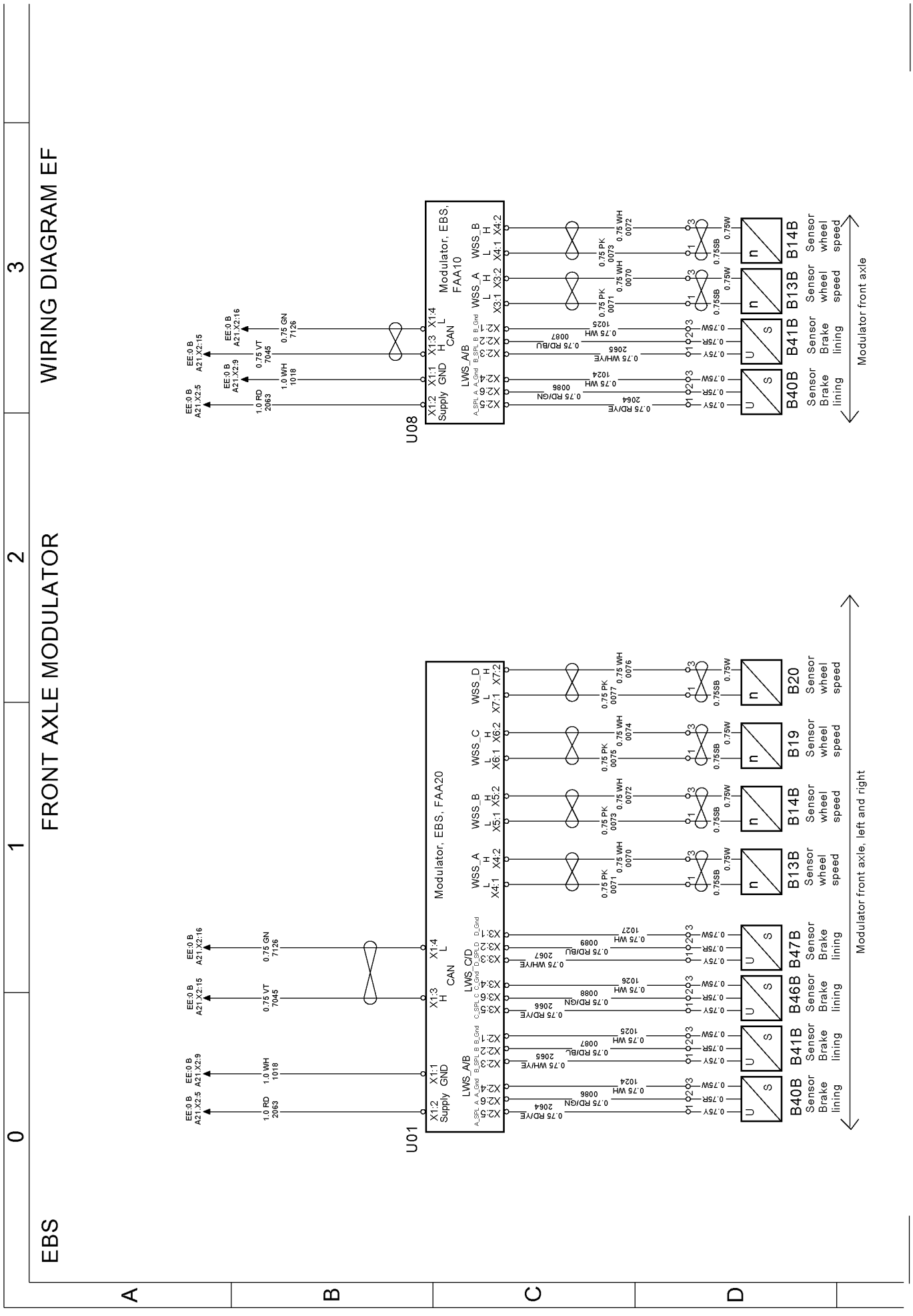

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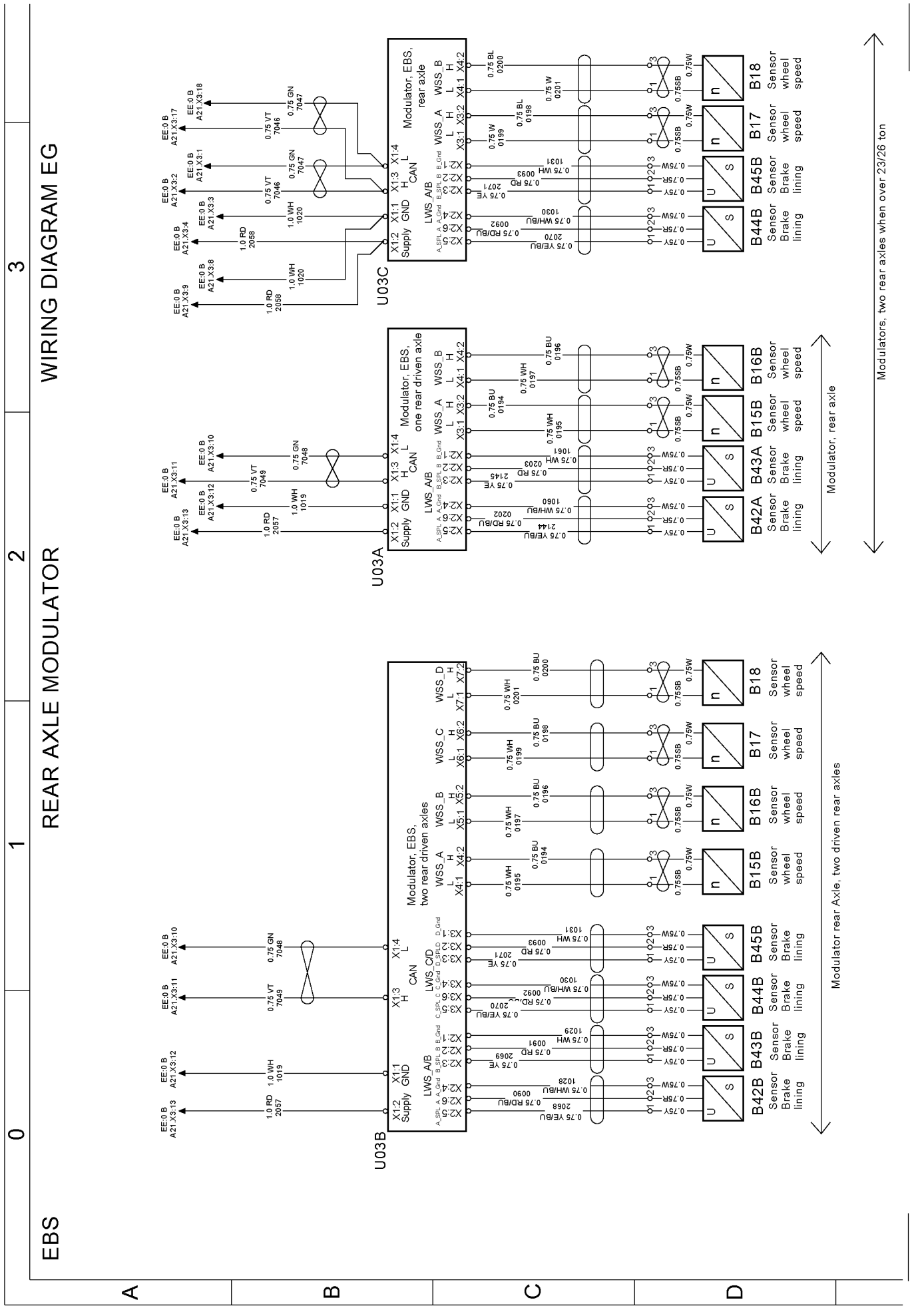

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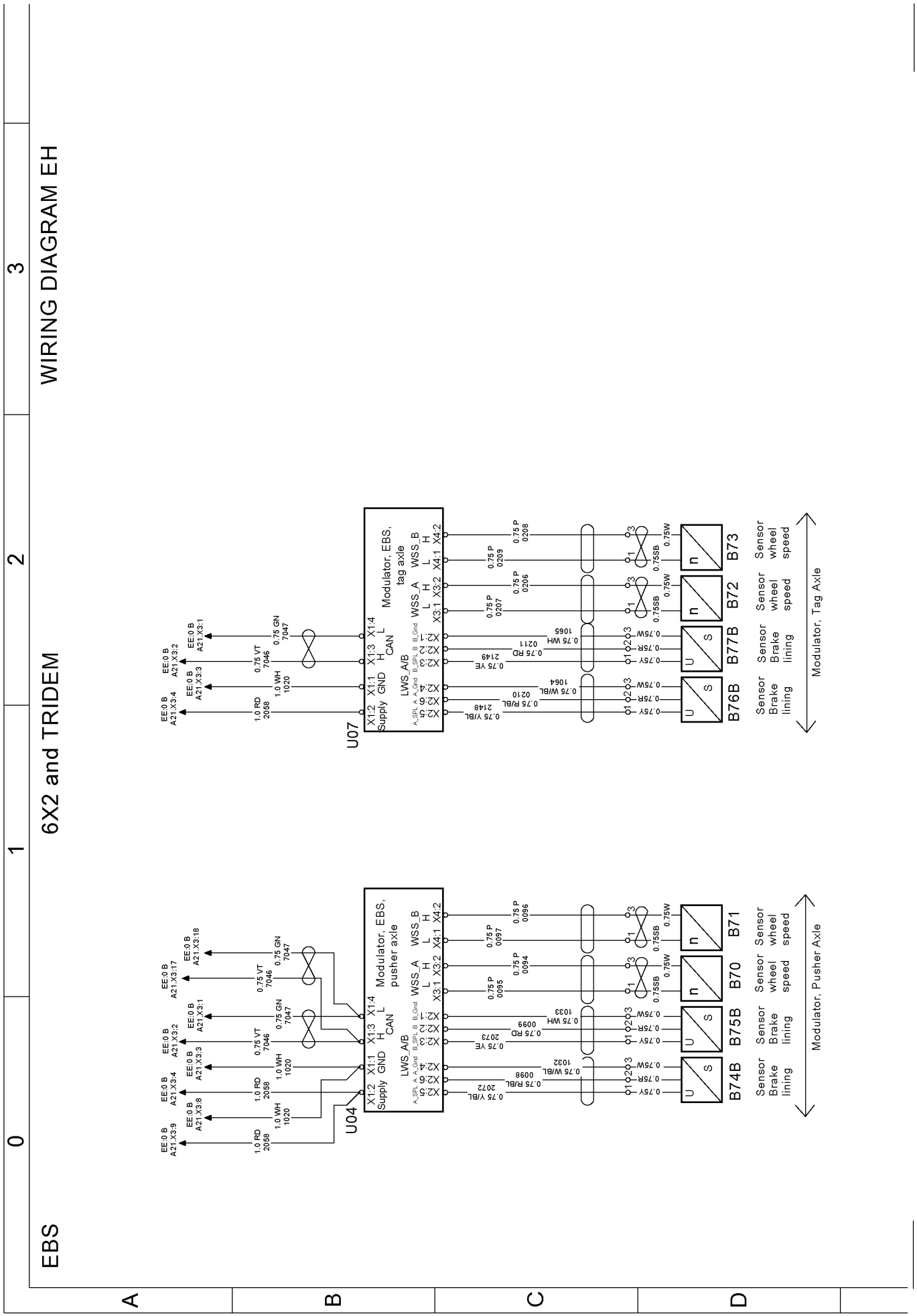

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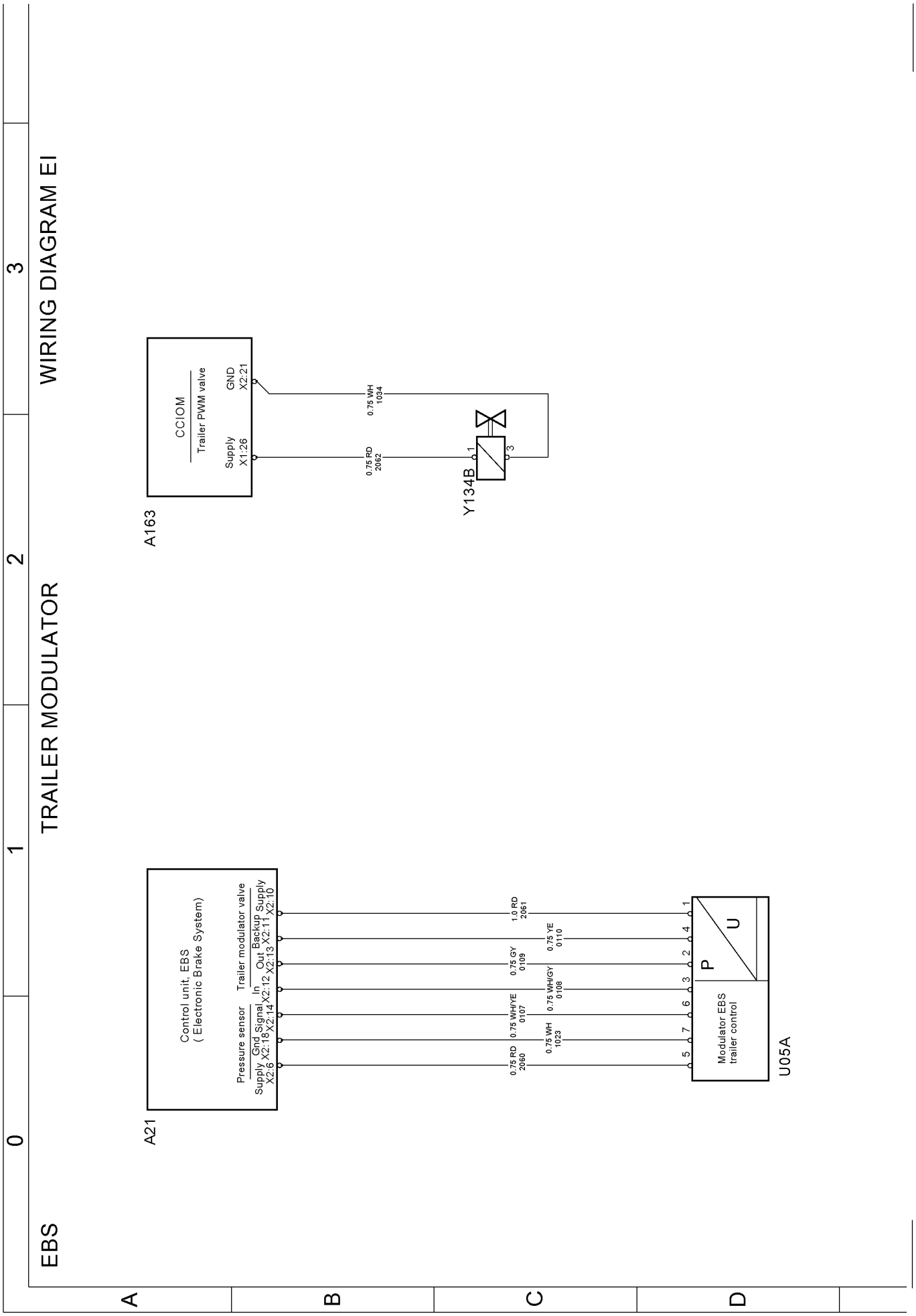
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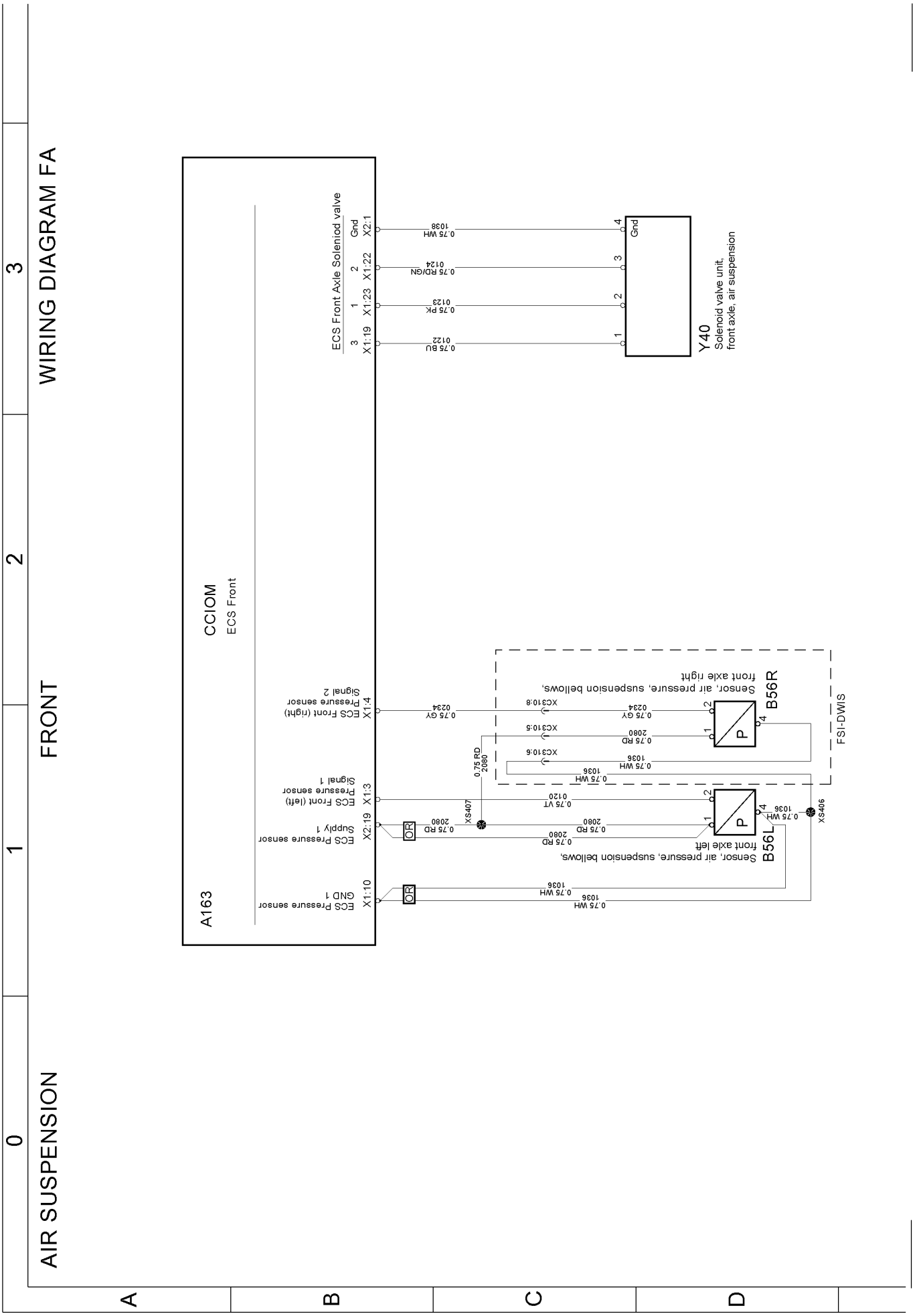

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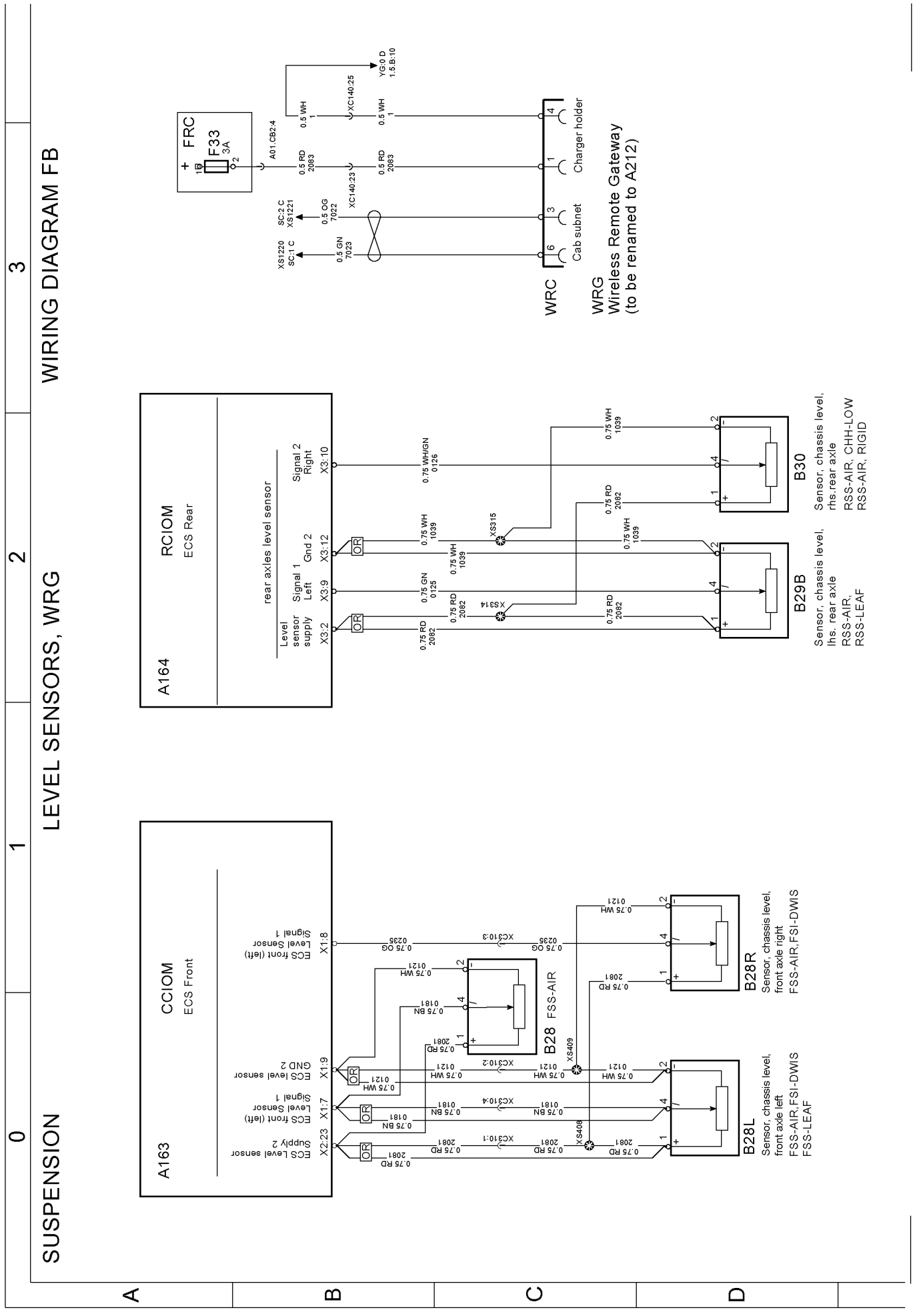



EBS
TRAILER MODULATOR
WIRING DIAGRAM EI
0
1
2
3
A
B
C
D
A21
Control unit, EBS
( Electronic Brake System)
Pressure sensor Supply X2:6
Gnd Signal X2:18
Trailer modulator valve In X2:14
Out X2:12
Backup Supply X2:13
Supply X2:11
X2:10
0.75 RD 2060
0.75 WH/YE 0107
0.75 WH 1023
0.75 GY 0109
0.75 WH/GY 0108
0.75 YE 0110
1.0 RD 2061
U05A
Modulator EBS
trailer control
P
U
A163
CCIOM
Trailer PWM valve
Supply X1:26
GND X2:21
0.75 RD 2062
0.75 WH 1034
Y134B
1
3

T3065445

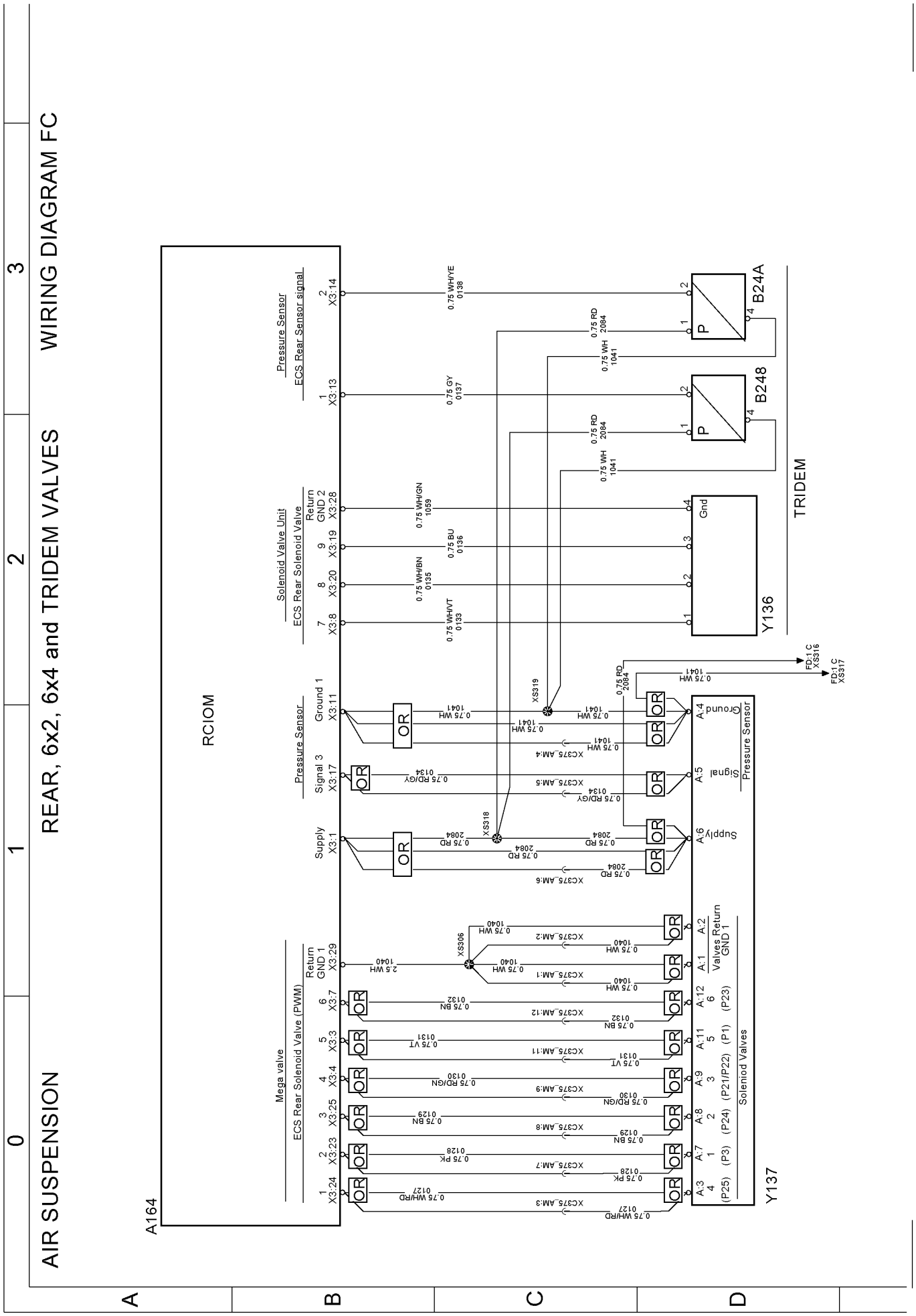

AIR SUSPENSION
FRONT
WIRING DIAGRAM FA
A163
CCIOM
ECS Front
ECS Front Axle Soleniod valve
Gnd X2:1
X1:22 2
X1:23 1
X1:19 3
ECS Pressure sensor GND 1 X1:10
ECS Pressure sensor Supply 1 X2:19
ECS Front (left) Pressure sensor Signal 1 X1:3
ECS Front (right) Pressure sensor Signal 2 X1:4
0.75 WH 1038
0.75 RD/GN 0124
0.75 PK 0123
0.75 BU 0122
Y40
Solenoid valve unit, front axle, air suspension
Gnd
B56L
Sensor, air pressure, suspension bellows, front axle left
B56R
Sensor, air pressure, suspension bellows, front axle right
FSI-DWS
XS406
XS407
OR
0.75 WH 1036
0.75 RD 2080
0.75 VT 0120
0.75 GY 0234
0.75 RD 2080
XC310:5
XC310:6
XC310:8
0.75 RD 2080
0.75 WH 1036
0.75 GY 0234
A
B
C
D
0
1
2
3

T3081046

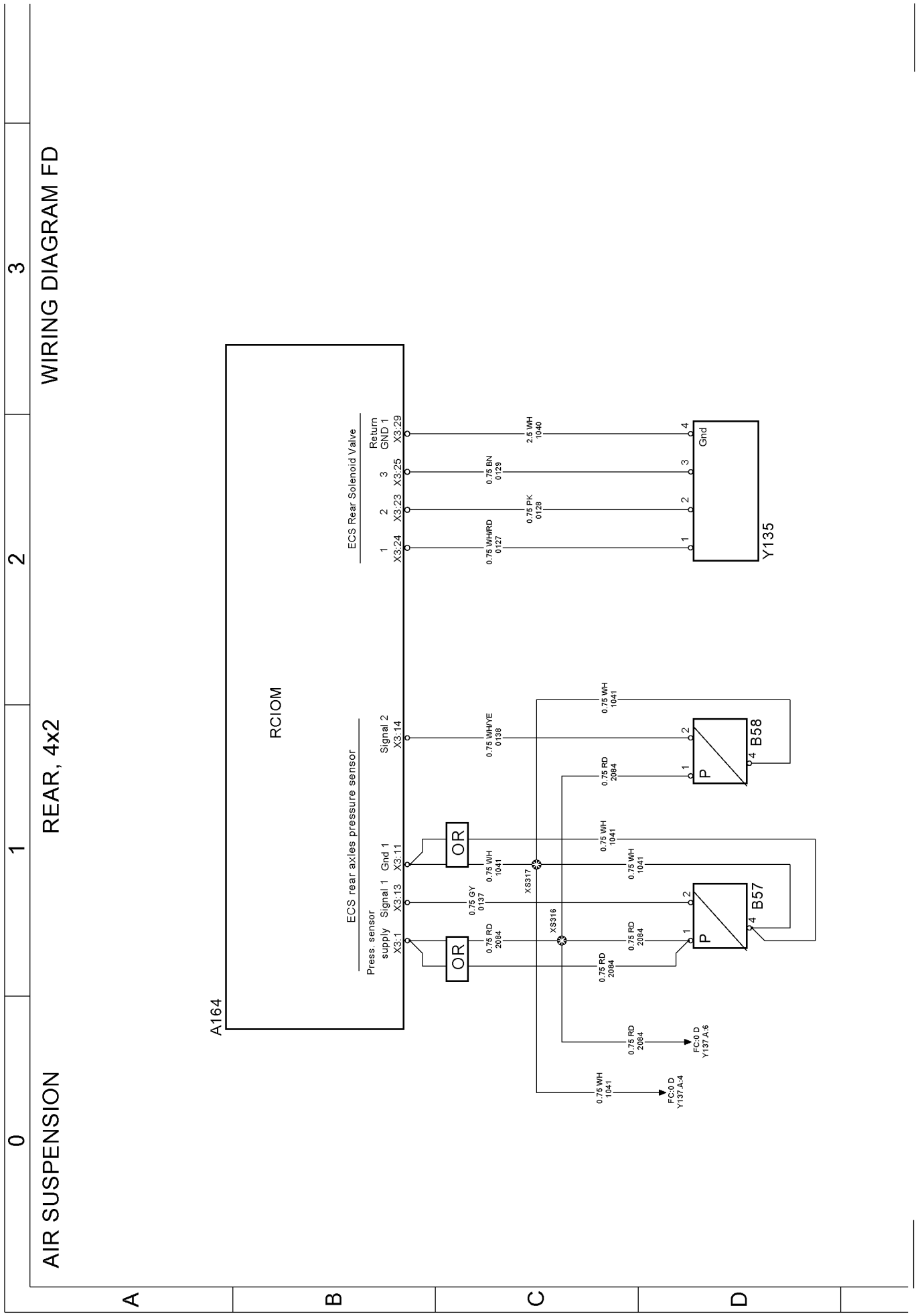

SUSPENSION
LEVEL SENSORS, WRG
WIRING DIAGRAM FB
0
1
2
3
A
B
C
D
+ FRC
F33
3A
A01:CB2:4
0.5 WH
1
XC140:25
YG:0 D
1.5 B:10
0.5 RD
2083
XC140:23
0.5 OG
7022
0.5 GN
7023
XS1220
SC:1 C
SC:2 C
XS1221
WRC
Cab subnet
Charger holder
WRG
Wireless Remote Gateway
(to be renamed to A212)
A164
RCIOM
ECS Rear
rear axles level sensor
Level sensor supply
X3:2
Signal 1 Left
X3:9
Gnd 2
X3:12
Signal 2 Right
X3:10
0.75 RD 2082
0.75 GN 0125
0.75 WH 1039
0.75 WHGN 0126
XS314
XS315
OR
B29B
Sensor, chassis level, lhs. rear axle
RSS-AIR, RSS-LEAF
B30
Sensor, chassis level, rhs.rear axle
RSS-AIR, CHH-LOW
RSS-AIR, RIGID
A163
CCIOM
ECS Front
ECS Level sensor Supply 2
X2:23
ECS front (left) Level Sensor Signal 1
X1:7
ECS Level sensor GND 2
X1:9
ECS front (left) Level Sensor Signal 1
X1:8
0.75 RD 2081
0.75 BN 0181
0.75 WH 0121
0.75 OG 0235
XC310:1
XC310:4
XC310:2
XC310:3
XS408
XS409
B28L
Sensor, chassis level, front axle left
FSS-AIR,FSI-DWIS
FSS-LEAF
B28 FSS-AIR
B28R
Sensor, chassis level, front axle right
FSS-AIR,FSI-DWIS

T3080224

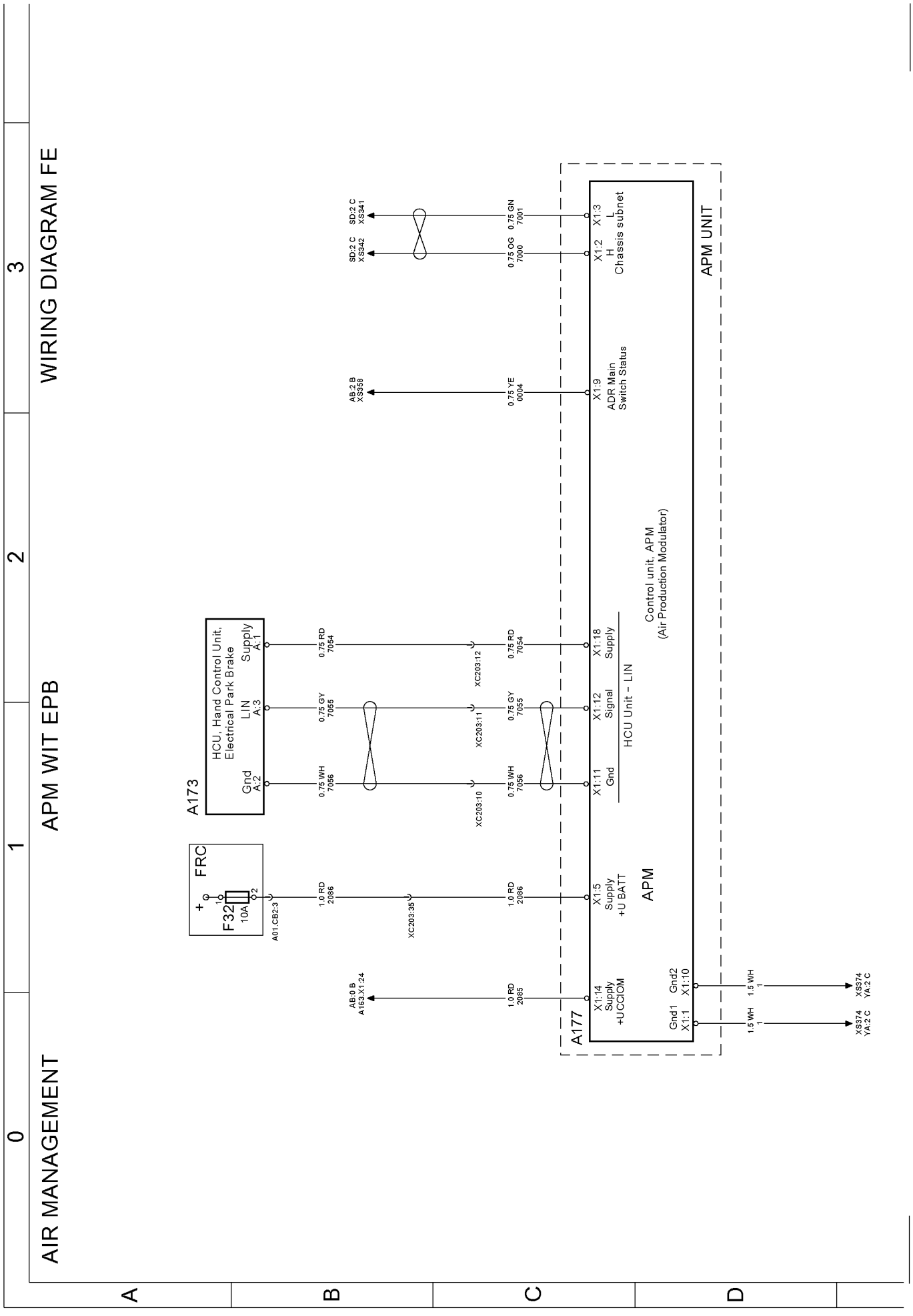
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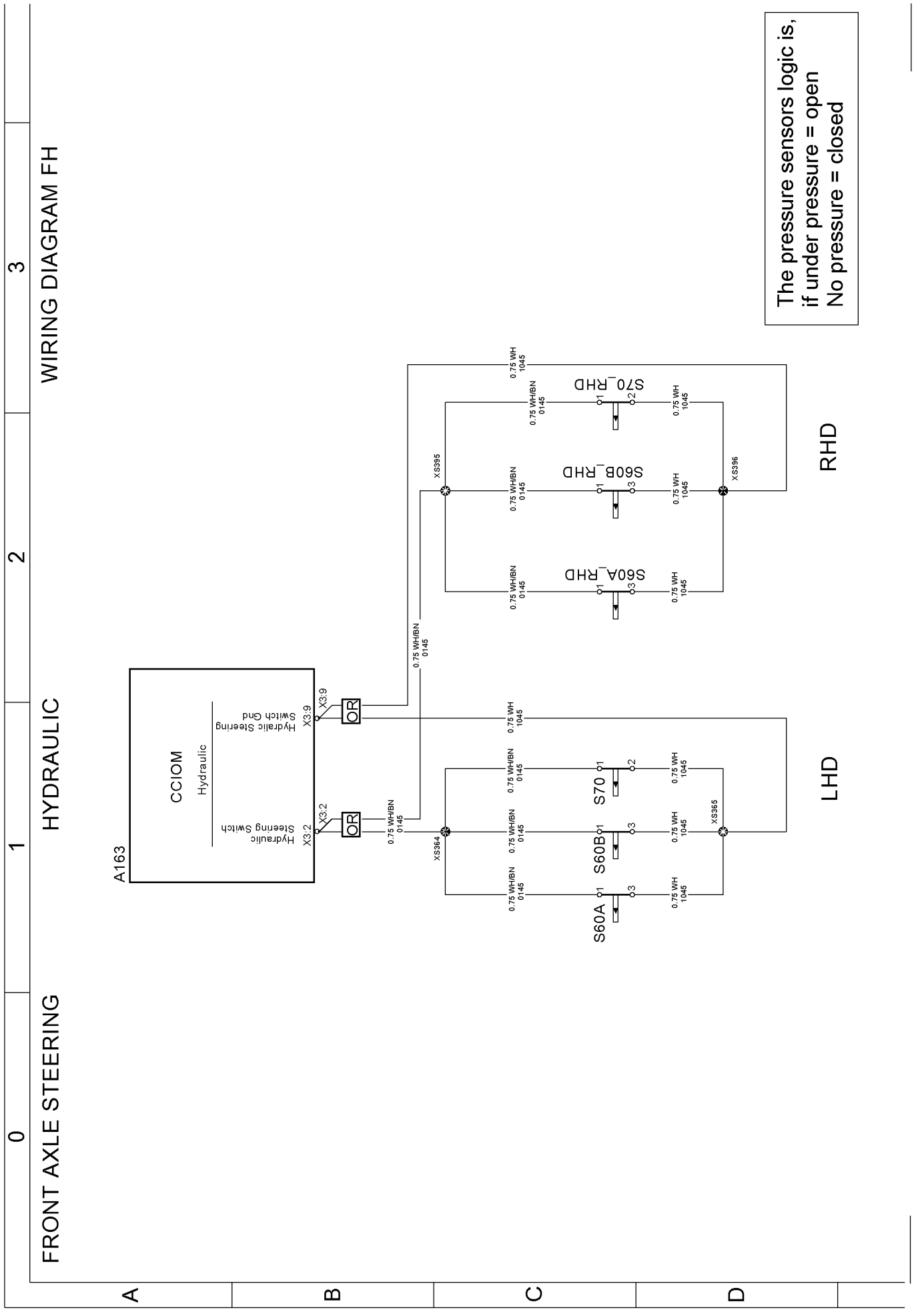

T3086417


AIR SUSPENSION
REAR, 4x2
WIRING DIAGRAM FD
0
1
2
3
A
B
C
D
A164
RCIOM
ECS rear axles pressure sensor
Press. sensor supply X3:1
Signal 1 X3:13
Gnd 1 X3:11
Signal 2 X3:14
ECS Rear Solenoid Valve
1 X3:24
2 X3:23
3 X3:25
Return GND 1 X3:29
0.75 WH/RD 0127
0.75 PK 0128
0.75 BN 0129
2.5 WH 1040
Y135
Gnd
0.75 WH/YE 0138
0.75 GY 0137
0.75 RD 2084
0.75 WH 1041
OR
XS316
XS317
B57
B58
P
FC:0 D Y137 A:6
FC:0 D Y137 A:4

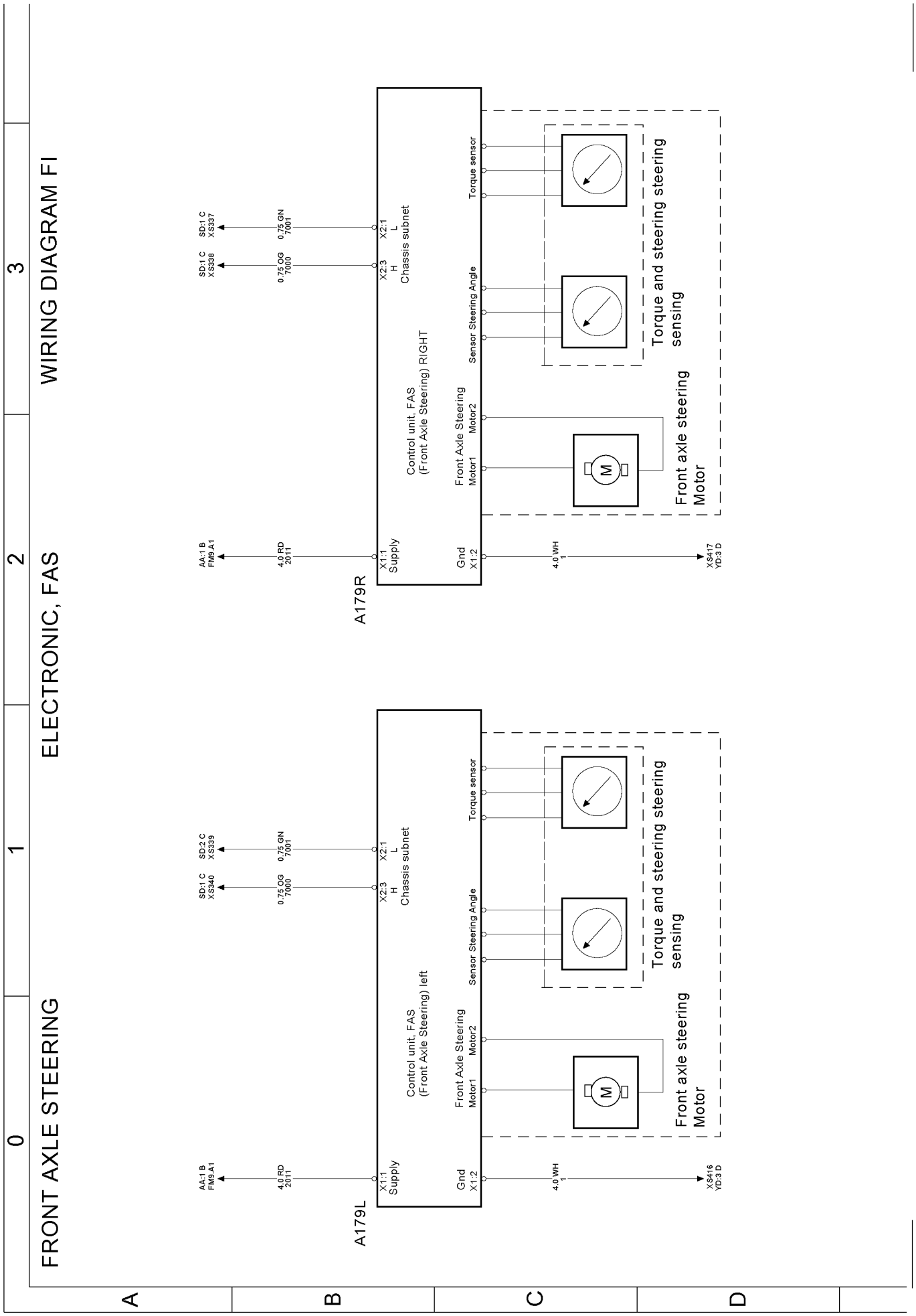
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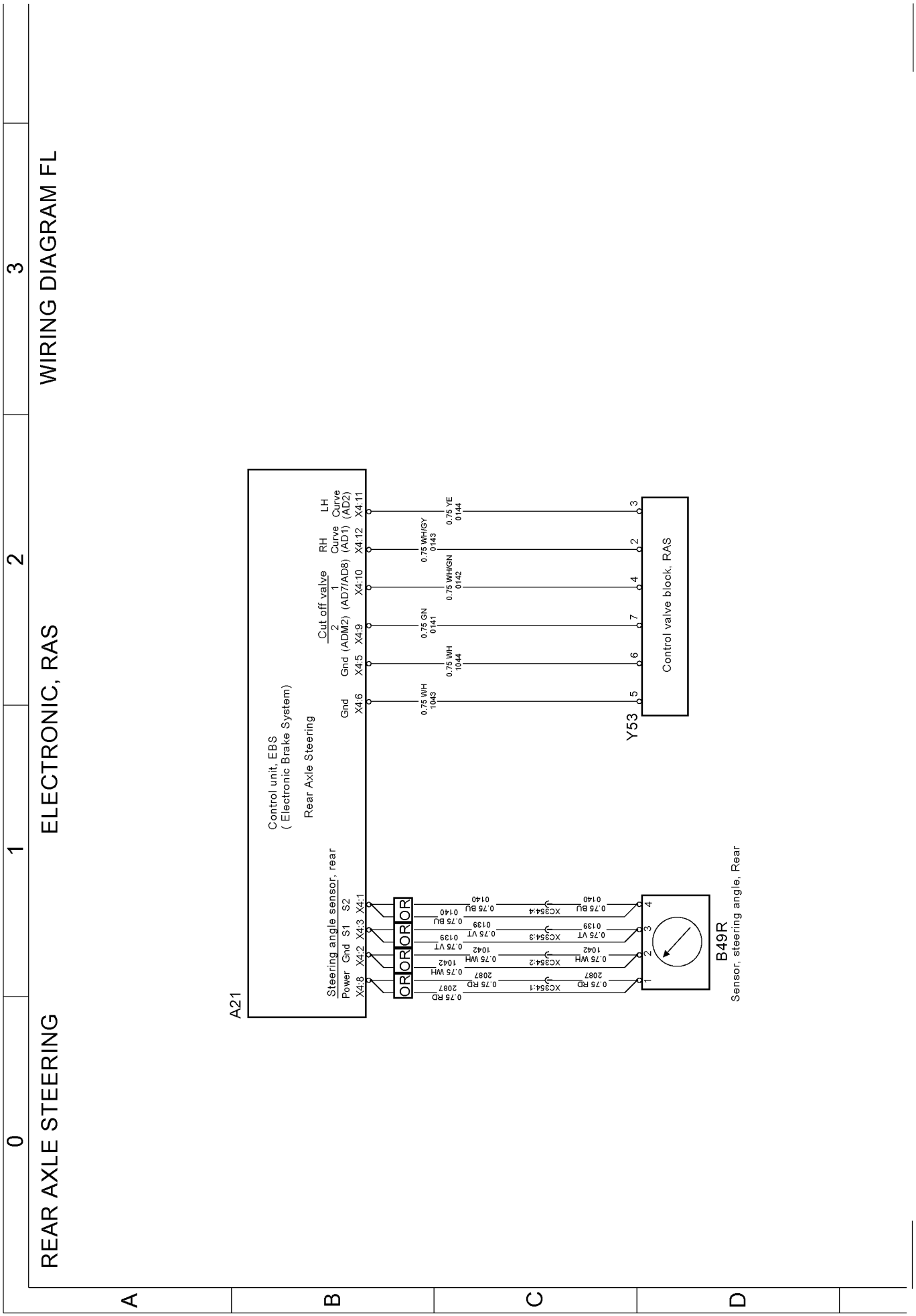

AIR MANAGEMENT
APM WIT EPB
WIRING DIAGRAM FE
A173
HCU, Hand Control Unit, Electrical Park Brake
Gnd A:2
LIN A:3
Supply A:1
FRC
F32 10A
A01.CB2:3
1.0 RD 2086
XC203:35
XC203:10
XC203:11
XC203:12
0.75 WH 7056
0.75 GY 7055
0.75 RD 7054
AB:0 B A163.X1:24
1.0 RD 2085
A177
X1:14 Supply +UCCIOM
X1:5 Supply +U BATT
X1:11 Gnd
X1:12 Signal
X1:18 Supply
HCU Unit - LIN
APM
Control unit, APM (Air Production Modulator)
APM UNIT
X1:9 ADR Main Switch Status
AB:2 B XS368
0.75 YE 0004
X1:2 H
X1:3 L
Chassis subnet
SD:2 C XS342
SD:2 C XS341
0.75 OG 7000
0.75 GN 7001
Gnd1 X1:1
Gnd2 X1:10
1.5 WH 1
XS374 YA:2 C
XS374 YA:2 C
0
1
2
3
A
B
C
D

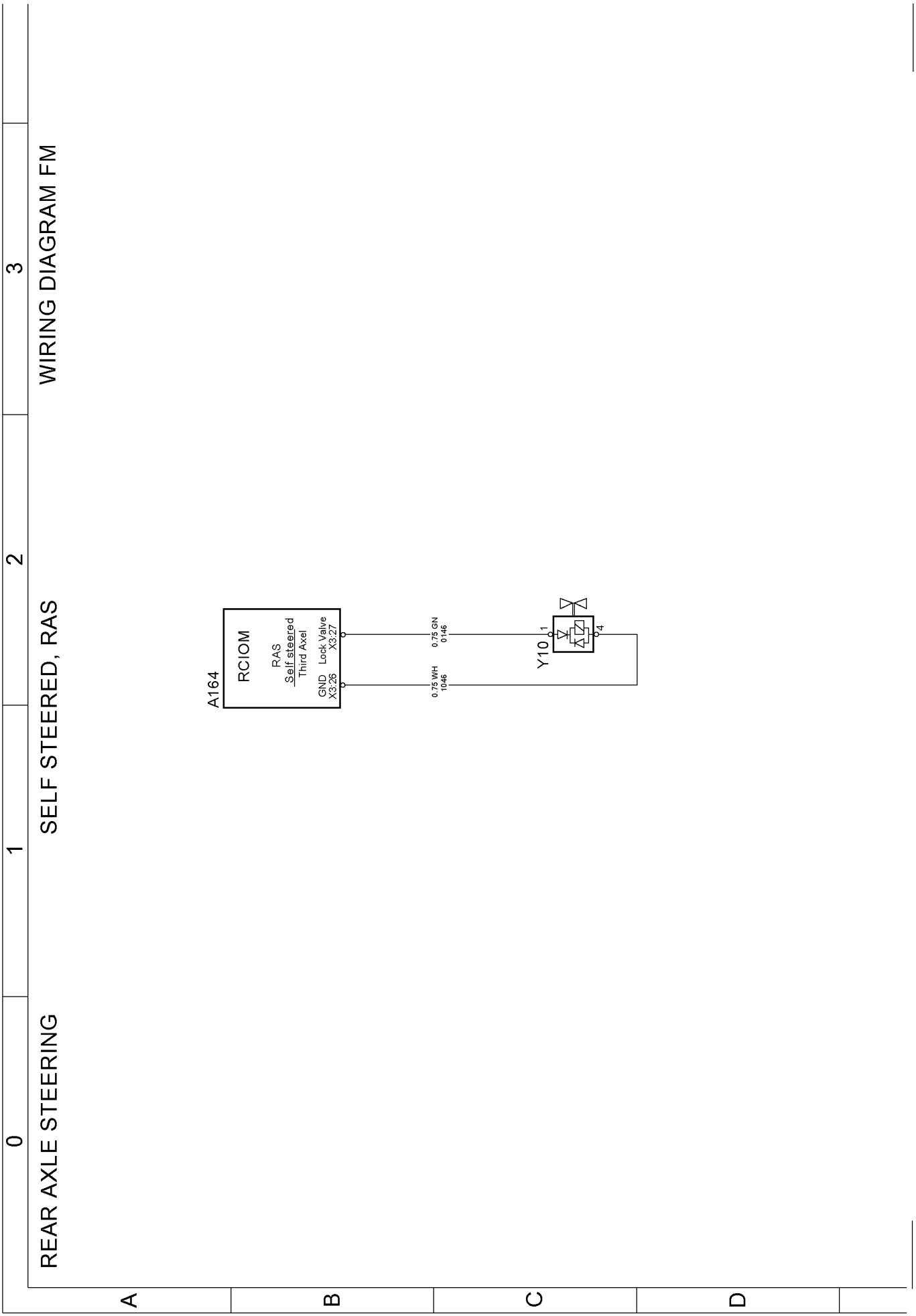
T3080216


FRONT AXLE STEERING
HYDRAULIC
WIRING DIAGRAM FH
0
1
2
3
A
B
C
D
A163
CCIOM
Hydraulic
Hydraulic Steering Switch
X3:2
Hydraulic Steering Switch Gnd
X3:9
OR
OR
0.75 WH/BN 0145
0.75 WH 1045
XS364
XS365
XS395
XS396
S60A
S60B
S70
S60A_RHD
S60B_RHD
S70_RHD
LHD
RHD
The pressure sensors logic is,
if under pressure = open
No pressure = closed

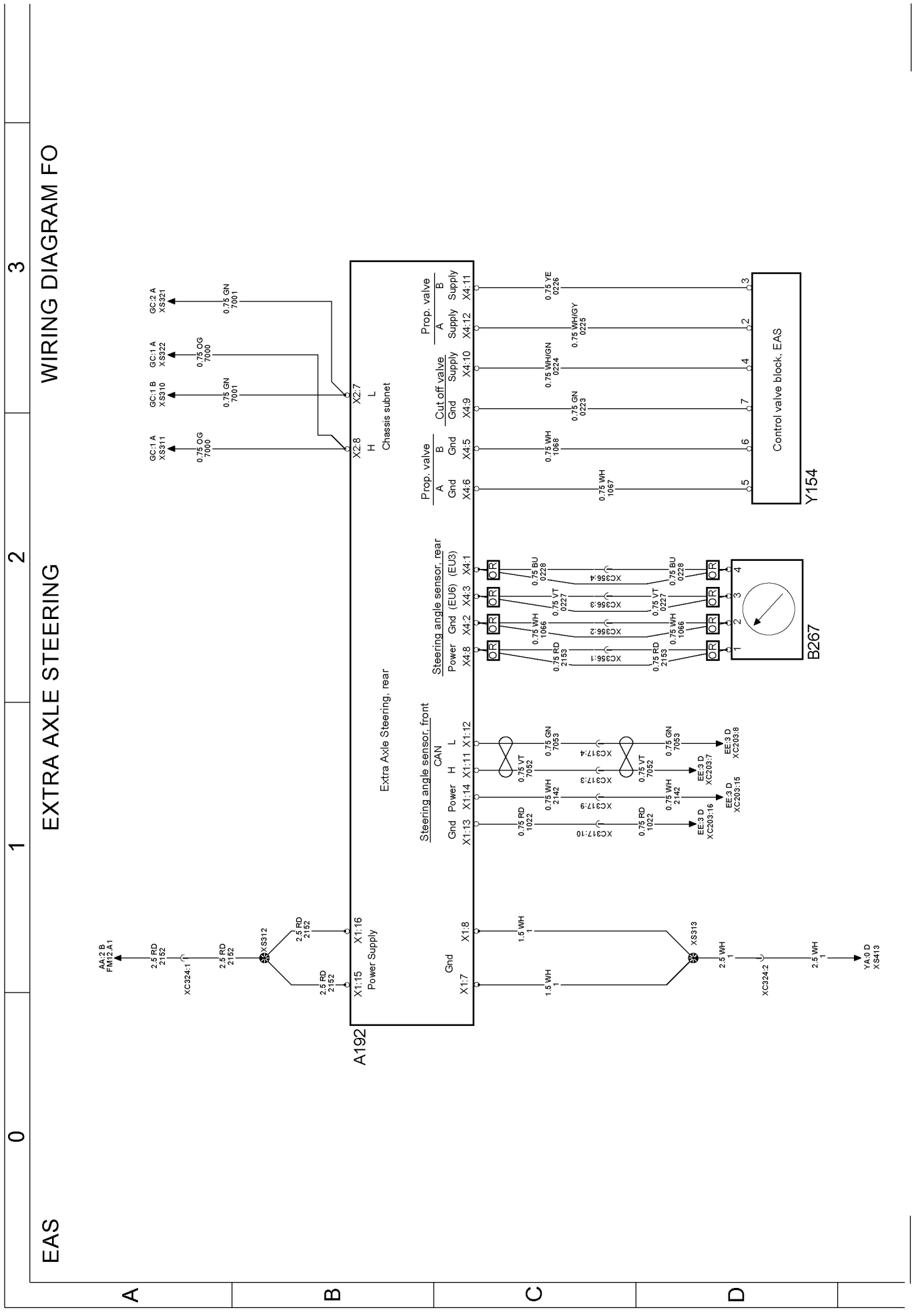
T3065451


FRONT AXLE STEERING
ELECTRONIC, FAS
WIRING DIAGRAM FI
A179L
A179R
Control unit, FAS
(Front Axle Steering) left
(Front Axle Steering) RIGHT
Supply
Gnd
Chassis subnet
Front Axle Steering
Motor1
Motor2
Sensor Steering Angle
Torque sensor
Torque and steering steering sensing
Front axle steering Motor
AA:1 B FM9.A1
4.0 RD 2011
X1:1
X1:2
SD:1 C XS340
SD:2 C XS339
SD:1 C XS338
SD:1 C XS337
0.75 OG 7000
0.75 GN 7001
X2:3 H
X2:1 L
4.0 WH 1
XS416 YD:3 D
XS417 YD:3 D

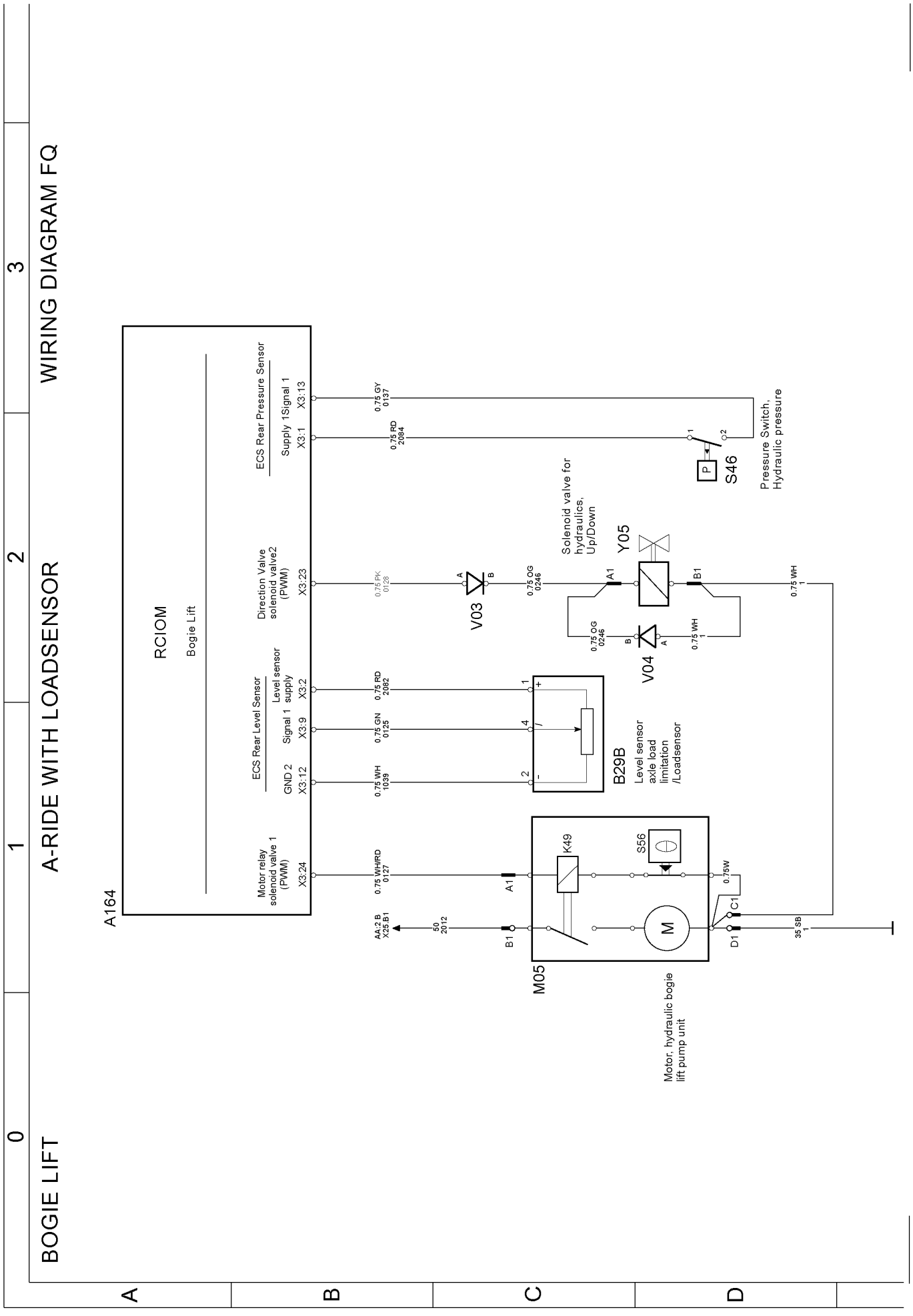

REAR AXLE STEERING
ELECTRONIC, RAS
WIRING DIAGRAM FL
0
1
2
3
A
B
C
D
A21
Control unit, EBS
( Electronic Brake System)
Rear Axle Steering
Steering angle sensor, rear
Power X4:8
Gnd X4:2
S1 X4:3
S2 X4:1
Gnd X4:6
Gnd (ADM2) X4:5
Cut off valve 2 X4:9
Cut off valve 1 (AD7/AD8) X4:10
RH Curve (AD1) X4:12
LH Curve (AD2) X4:11
0.75 WH 1043
0.75 WH 1044
0.75 GN 0141
0.75 WH/GN 0142
0.75 WH/GY 0143
0.75 YE 0144
Y53
Control valve block, RAS
OR
0.75 RD 2087
0.75 WH 1042
0.75 VT 0139
0.75 BU 0140
X2354:1
X2354:2
X2354:3
X2354:4
B49R
Sensor, steering angle, Rear

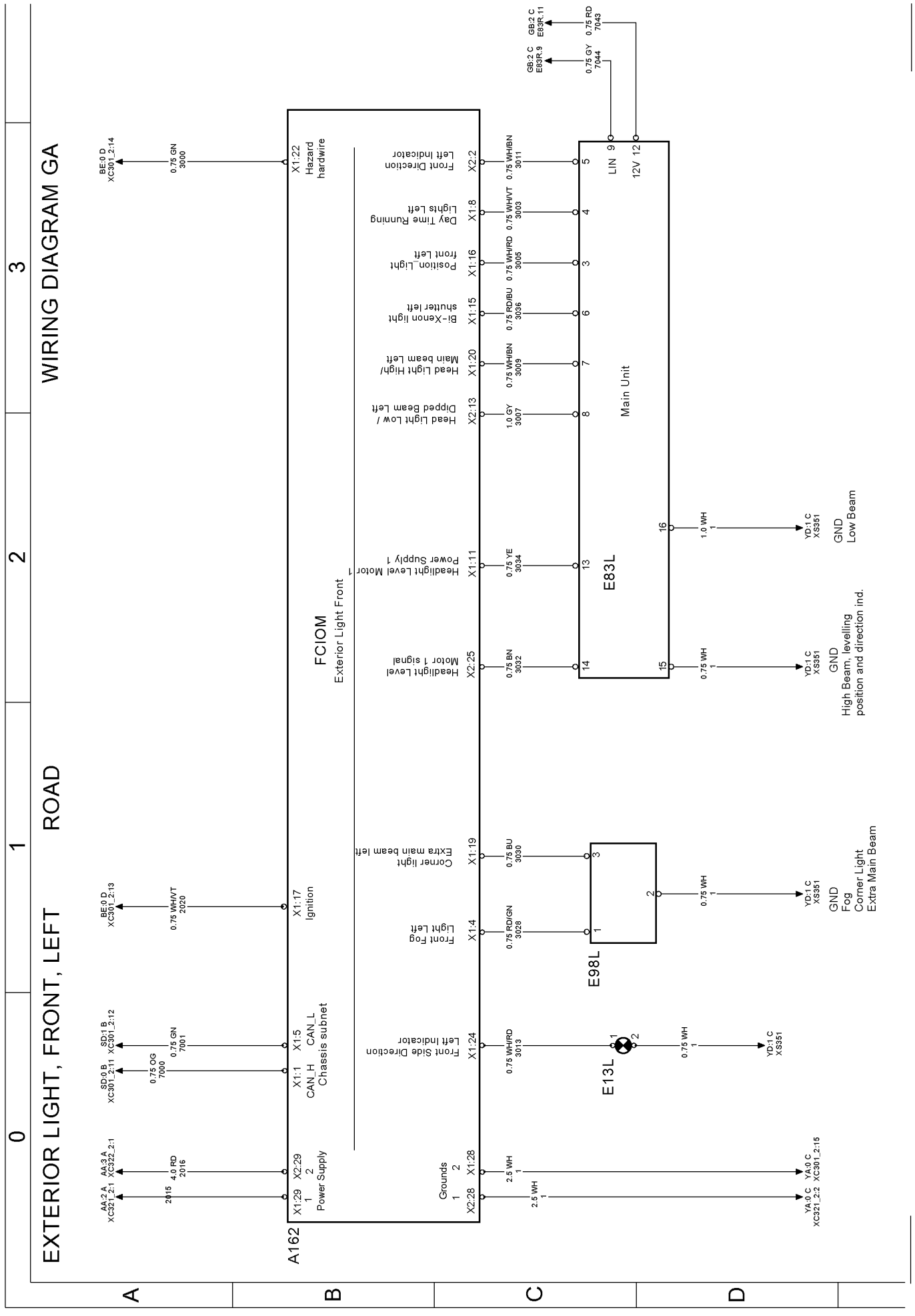

REAR AXLE STEERING
SELF STEERED, RAS
WIRING DIAGRAM FM
0
1
2
3
A
B
C
D
A164
RCIOM
RAS
Self steered
Third Axel
GND X3:26
Lock Valve X3:27
0.75 WH 1046
0.75 GN 0146
Y10
1
4

T3065456

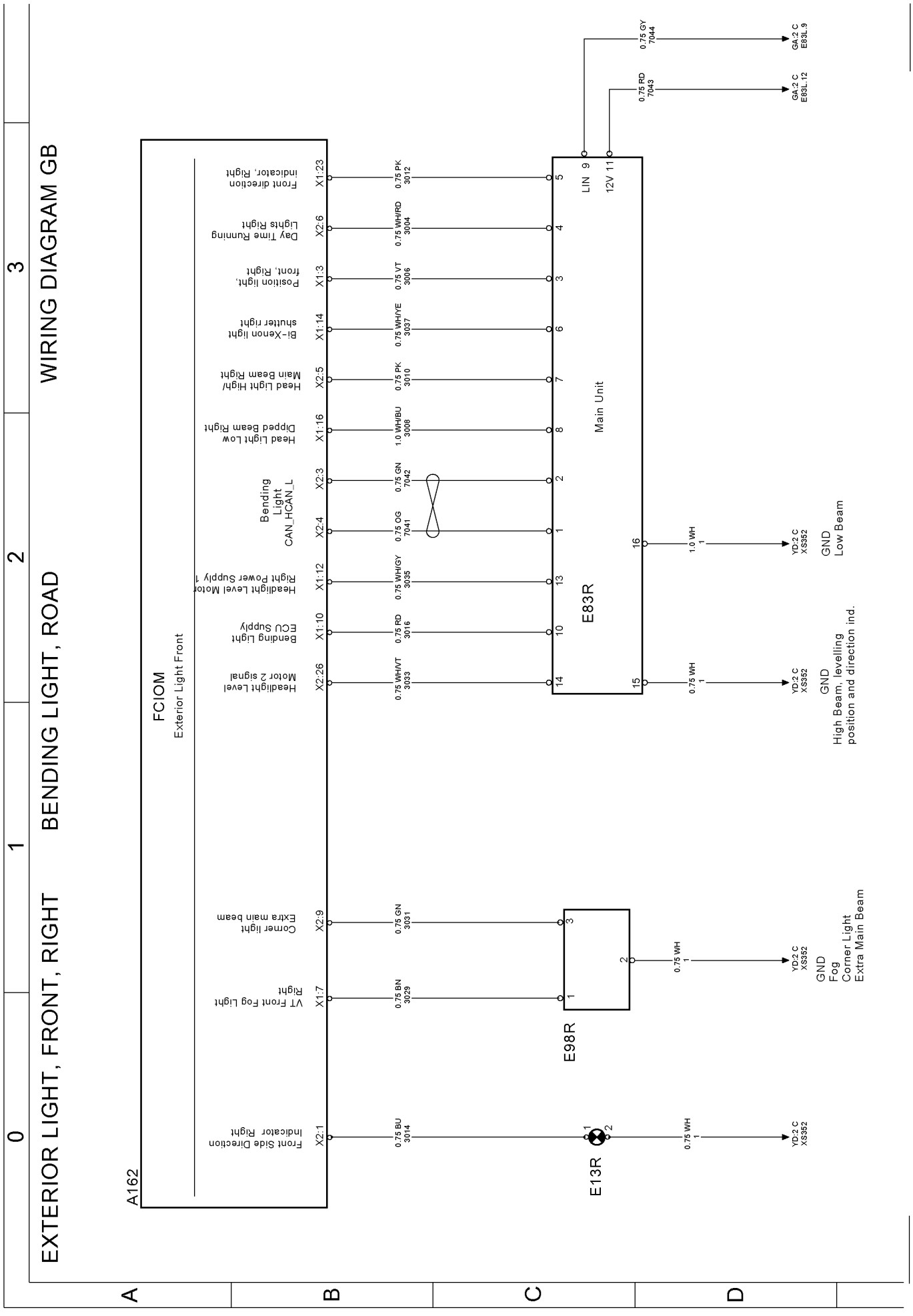

EAS
EXTRA AXLE STEERING
WIRING DIAGRAM FO
A192
Extra Axle Steering, rear
Power Supply
Chassis subnet
Steering angle sensor, front
Steering angle sensor, rear
Prop. valve
Cut off valve
Control valve block, EAS
Y154
B267
XS312
XS313
XC324:1
XC324:2
XC317:4
XC317:3
XC317:9
XC317:10
XC356:4
XC356:3
XC356:2
XC356:1
XC203:7
XC203:8
XC203:15
XC203:16
YA10 D
XS413

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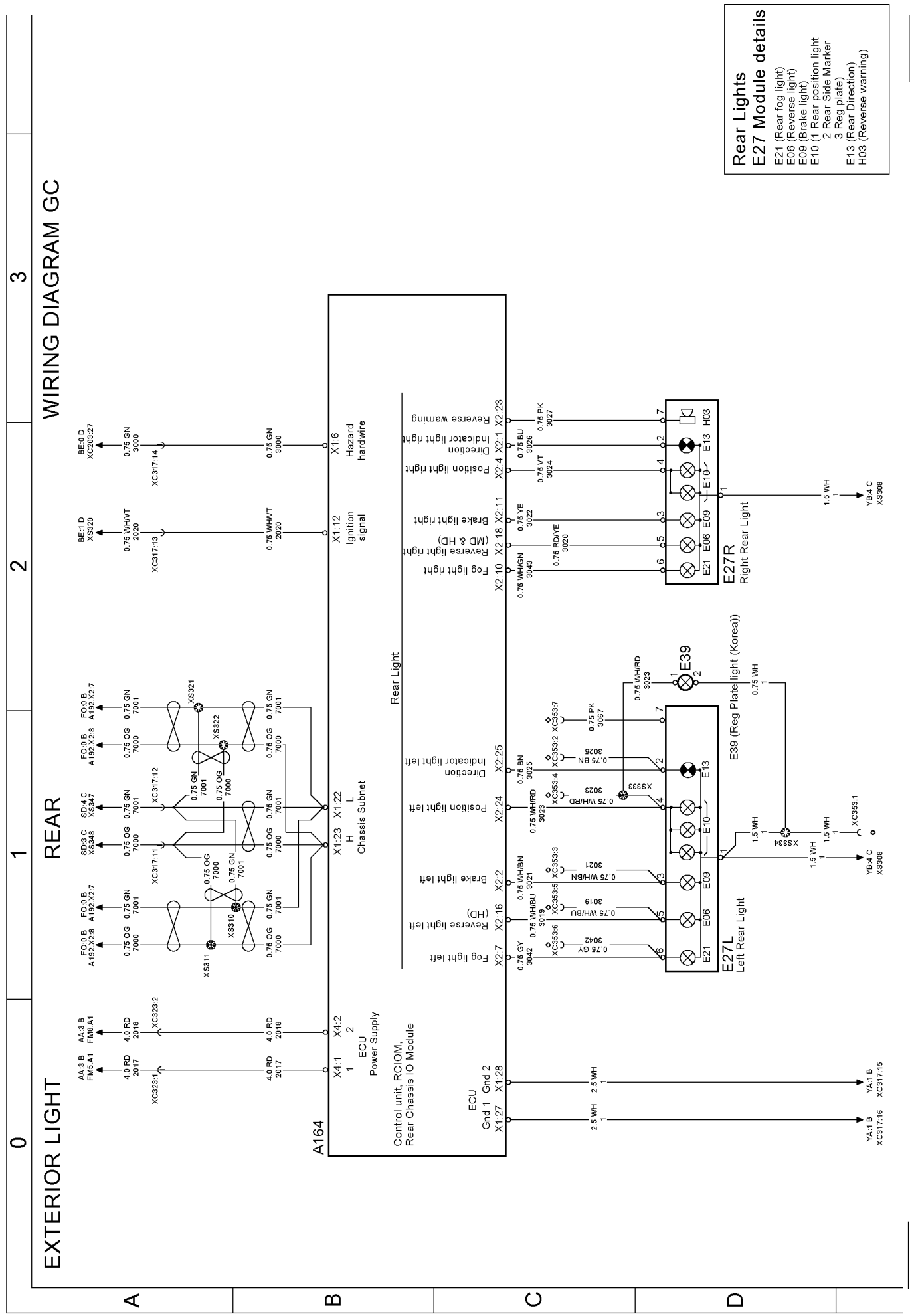


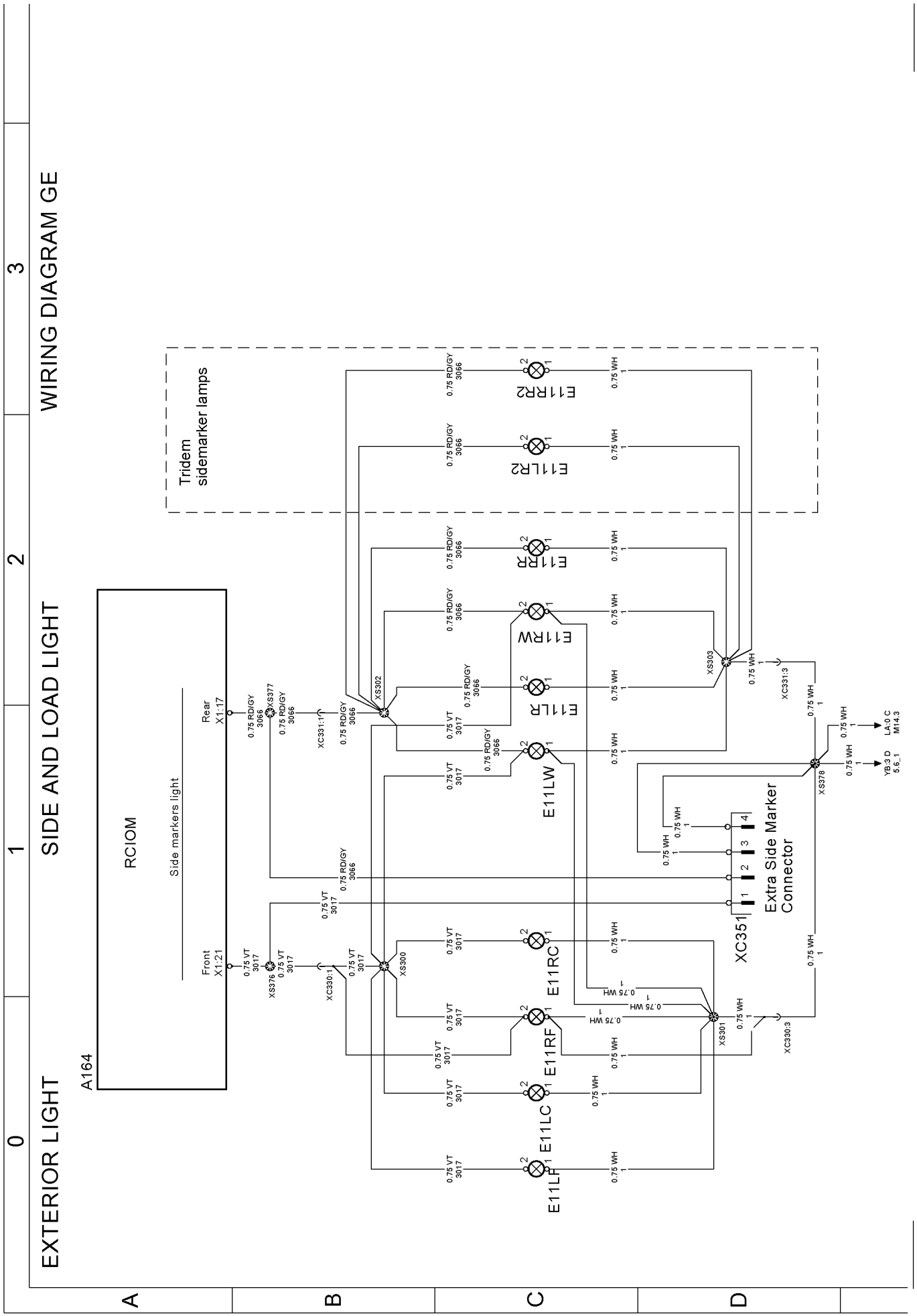

EXTERIOR LIGHT, FRONT, LEFT ROAD
WIRING DIAGRAM GA
A162
FCIOM
Exterior Light Front
Main Unit
E83L
E98L
E13L
Power Supply
Chassis subnet
Hazard hardwire
Ignition
Front Direction Left Indicator
Day Time Running Lights Left
Position_Light front Left
Bi-Xenon light shutter left
Head Light High/ Main beam Left
Head Light Low / Dipped Beam Left
Headlight Level Motor Power Supply 1
Headlight Level Motor 1 signal
Corner light Extra main beam left
Front Fog Light Left
Front Side Direction Left Indicator
Grounds
LIN
12V
GND
Low Beam
GND
High Beam, levelling
position and direction ind.
GND
Fog
Corner Light
Extra Main Beam

T3086420

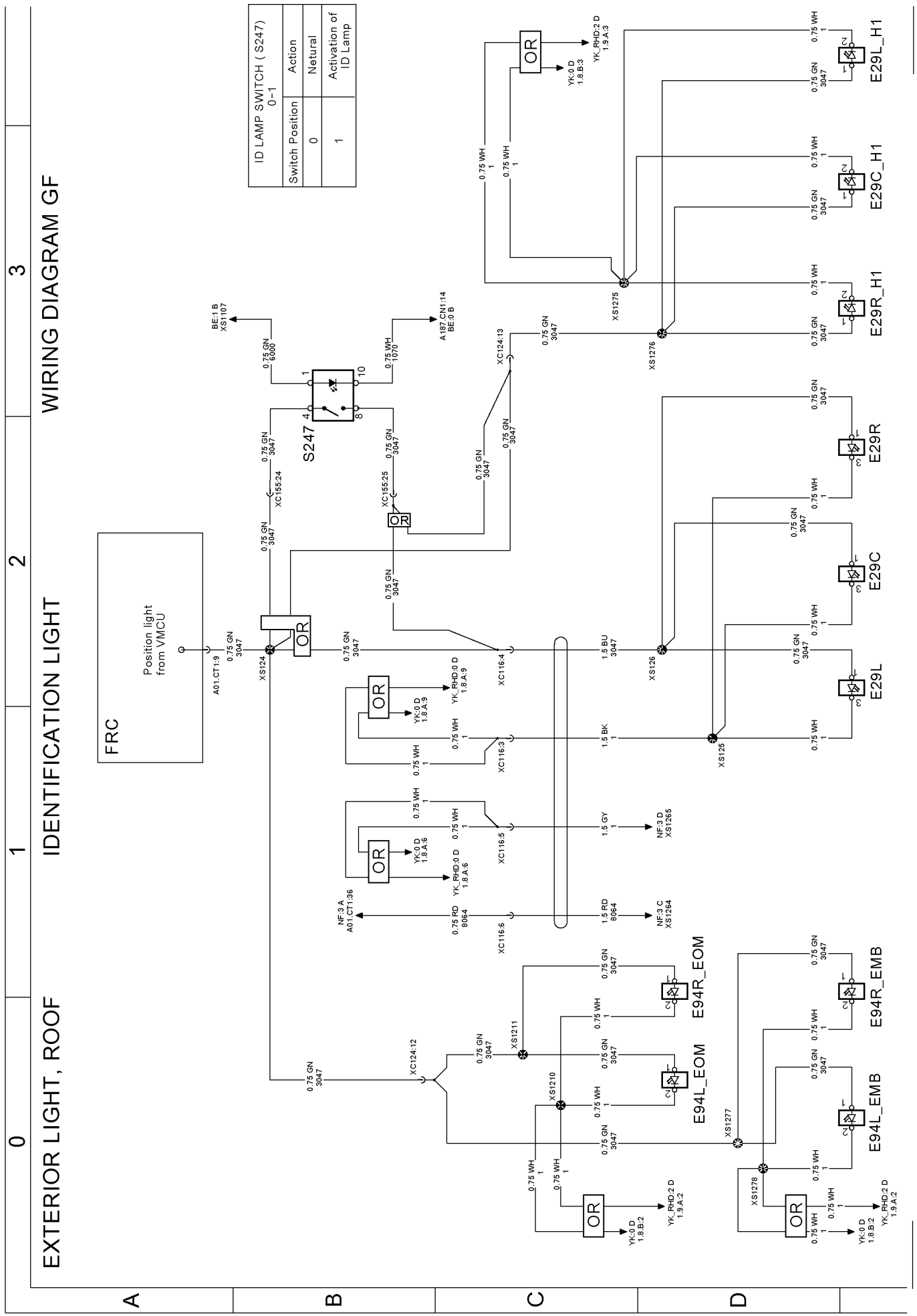

EXTERIOR LIGHT, FRONT, RIGHT
BENDING LIGHT, ROAD
WIRING DIAGRAM GB
A162
FCIOM
Exterior Light Front
Front Side Direction Indicator Right
VT Front Fog Light Right
Corner light Extra main beam
Headlight Level Motor 2 signal
Bending Light ECU Supply
Headlight Level Motor Right Power Supply 1
Bending Light CAN_HCAN_L
Head Light Low Dipped Beam Right
Head Light High/ Main Beam Right
Bi-Xenon light shutter right
Position light, front, Right
Day Time Running Lights Right
Front direction indicator, Right
E13R
E98R
E83R
Main Unit
LIN 9
12V 11
GND
Low Beam
GND
High Beam, levelling
position and direction ind.
GND
Fog
Corner Light
Extra Main Beam

T3086421


EXTERIOR LIGHT
REAR
WIRING DIAGRAM GC
Rear Lights
E27 Module details
E21 (Rear fog light)
E06 (Reverse light)
E09 (Brake light)
E10 (1 Rear position light
2 Rear Side Marker
3 Reg plate)
E13 (Rear Direction)
H03 (Reverse warning)
A164
Control unit, RCIOM,
Rear Chassis IO Module
ECU
Power Supply
Chassis Subnet
Hazard hardwire
Ignition signal
Rear Light
Fog light left
Reverse light left (HD)
Brake light left
Position light left
Direction light left
Fog light right
Reverse light right (MD & HD)
Brake light right
Position light right
Direction light right
Reverse warning
E27L
Left Rear Light
E27R
Right Rear Light
E39
E39 (Reg Plate light (Korea))

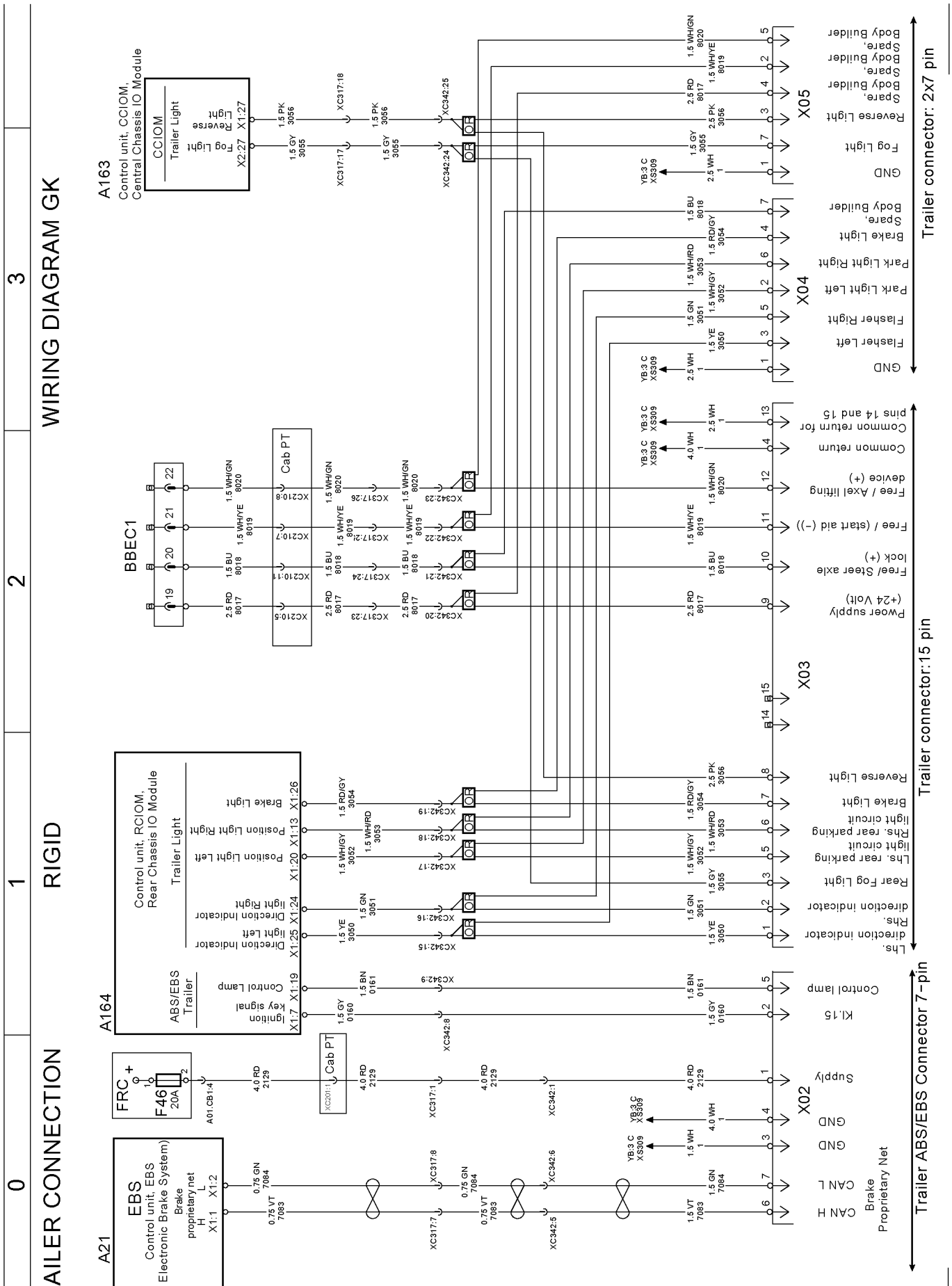

WIRING DIAGRAM GE
SIDE AND LOAD LIGHT
EXTERIOR LIGHT
A164
RCIOM
Side markers light
Front X1:21
Rear X1:17
Tridem sidemarker lamps
E11RR2
E11LR2
E11RR
E11RW
E11LR
E11LW
E11RC
E11RF
E11LC
E11LF
XS300
XS301
XS302
XS303
XS376
XS377
XS378
XC330:1
XC330:3
XC331:1
XC331:3
XC351
Extra Side Marker Connector
0.75 RD/GY 3066
0.75 VT 3017
0.75 WH 1
0.75 WH
YB:3 D 5.6_1
LA:0 C M14.3

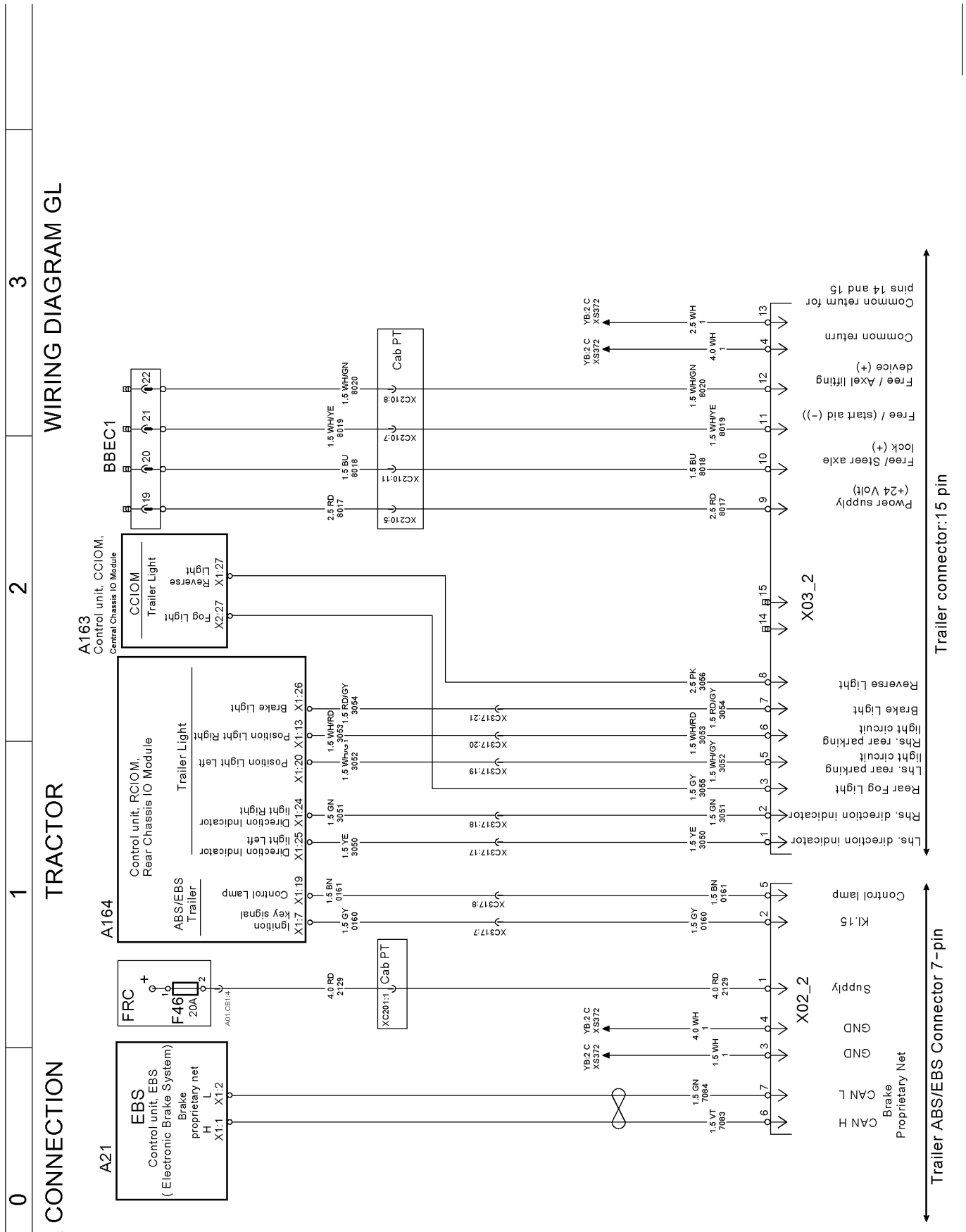
T3086422


EXTERIOR LIGHT, ROOF
IDENTIFICATION LIGHT
WIRING DIAGRAM GF
ID LAMP SWITCH ( S247)
0-1
Switch Position
Action
0
Netural
1
Activation of ID Lamp
FRC
Position light from VMCU
S247
E29L_H1
E29C_H1
E29R_H1
E29R
E29C
E29L
E94R_EOM
E94R_EMB
E94L_EOM
E94L_EMB
OR

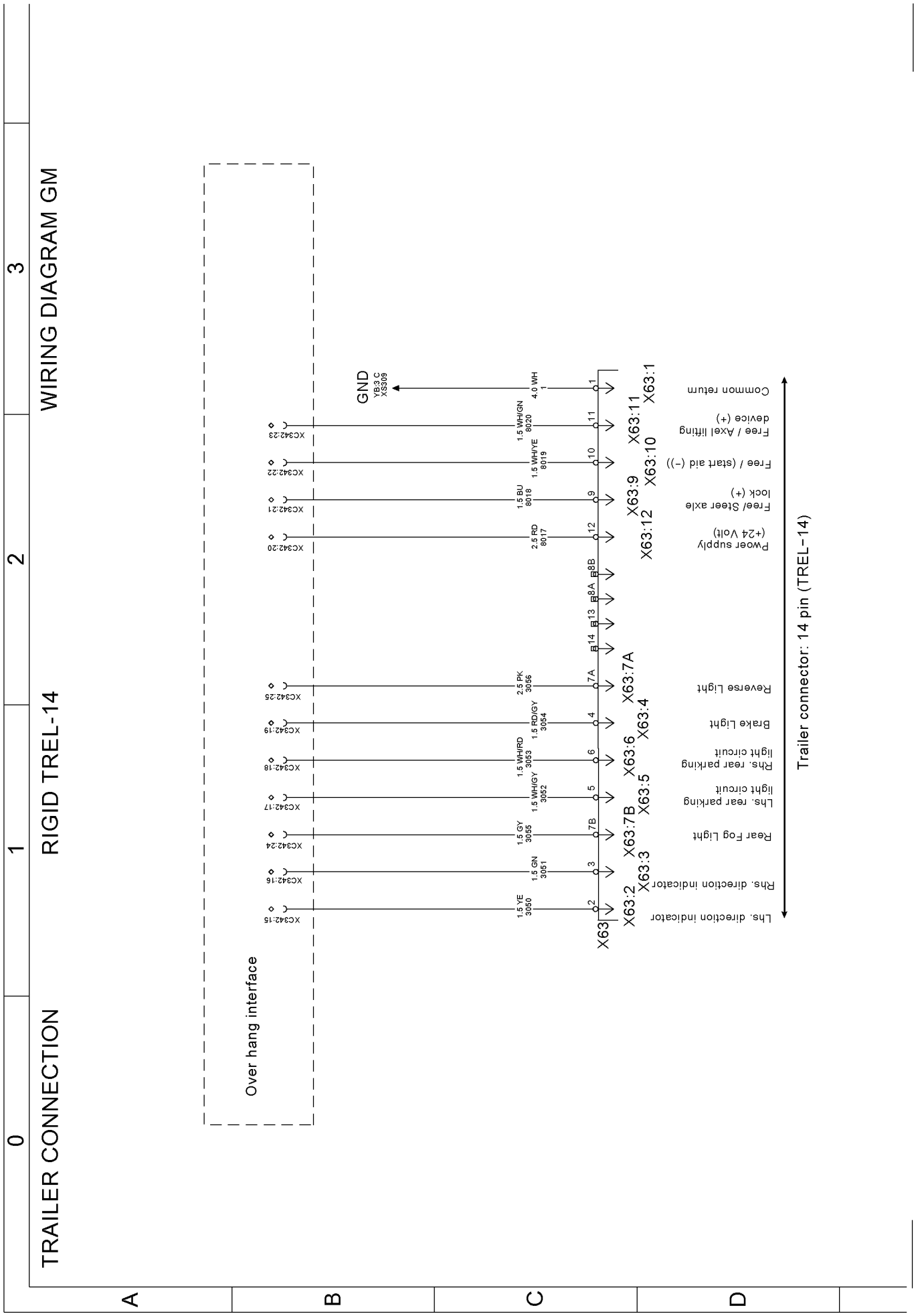
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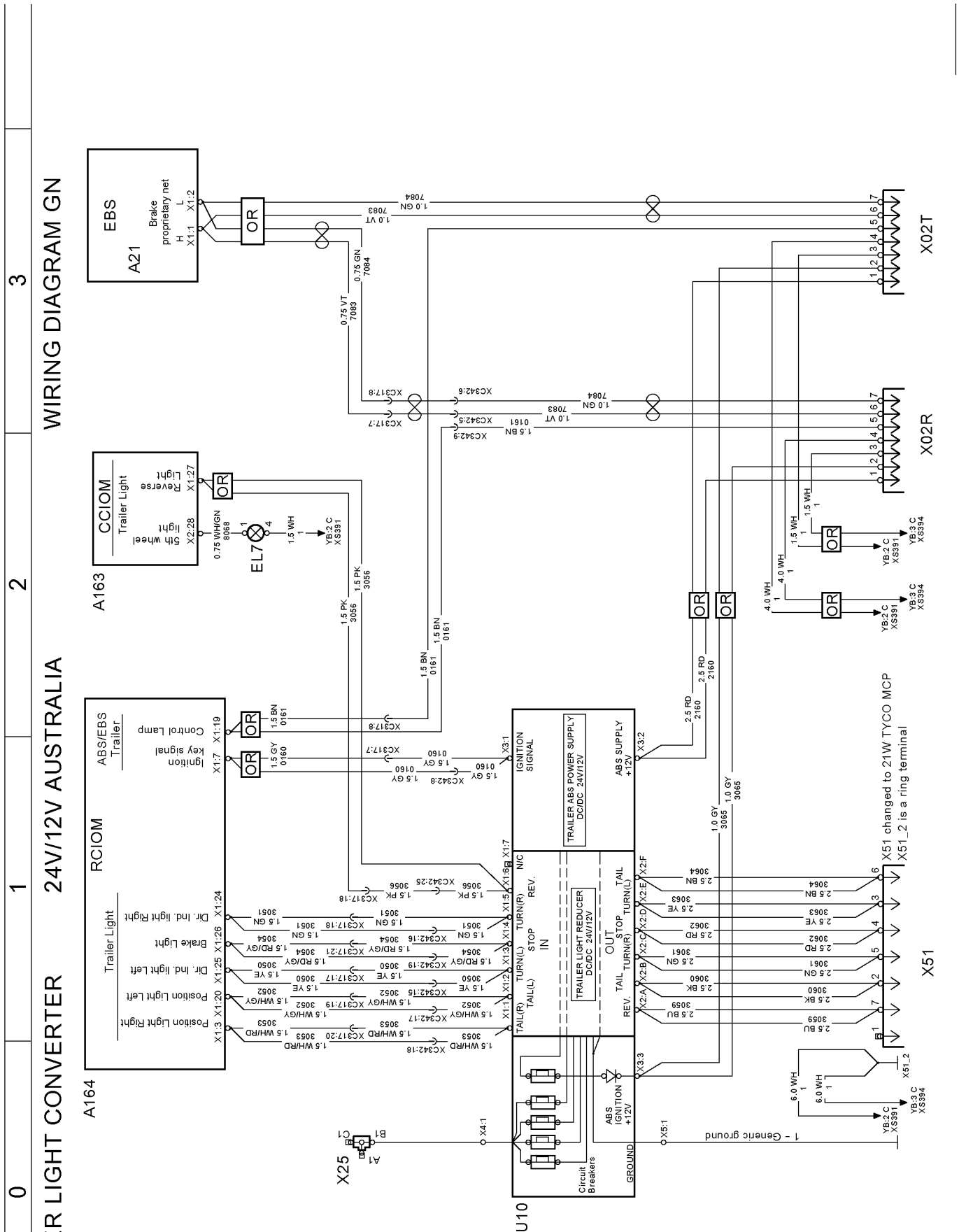
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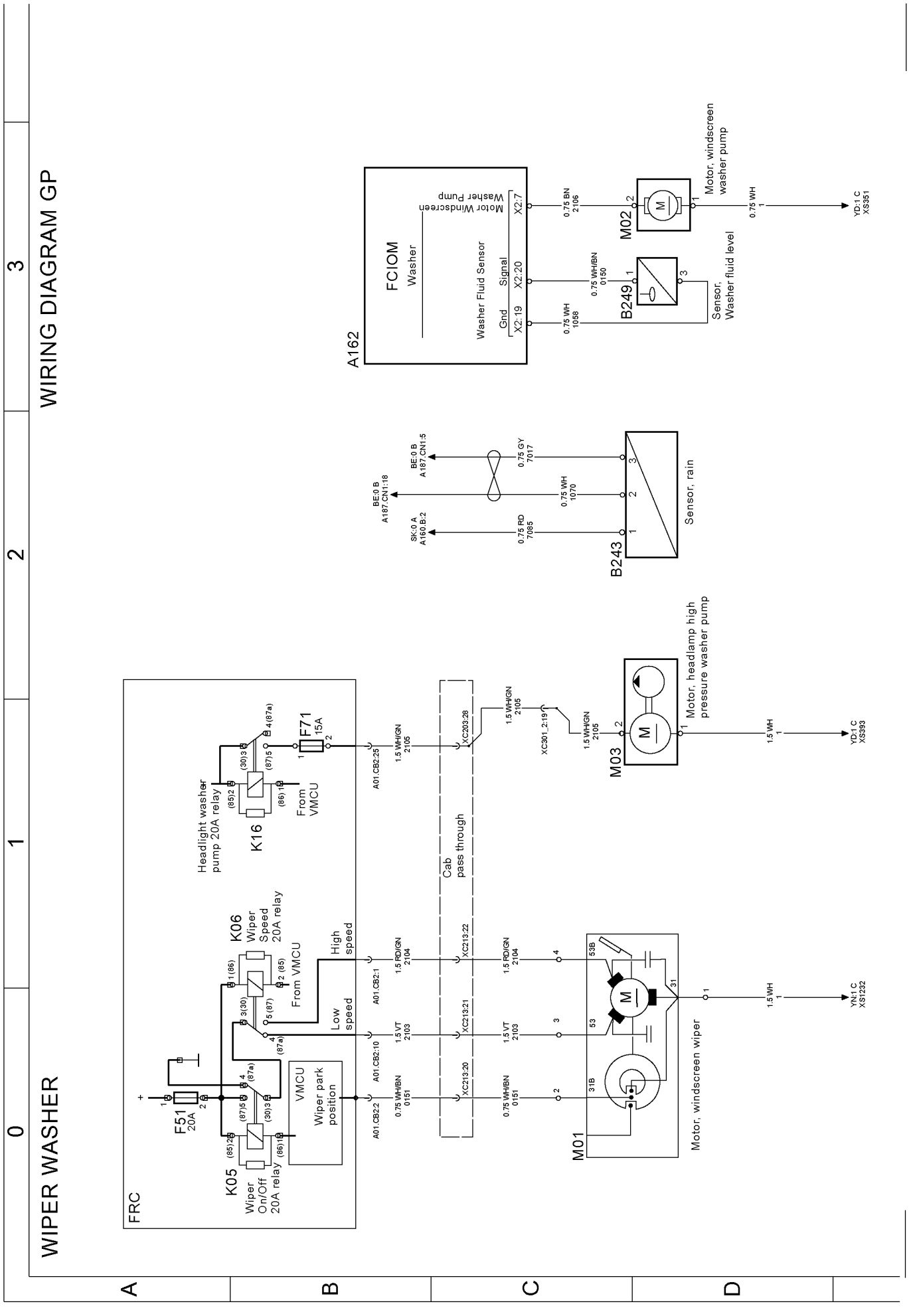

TRAILER CONNECTION
TRACTOR
WIRING DIAGRAM GL
A21
EBS
Control unit, EBS
( Electronic Brake System)
Brake proprietary net
H X1:1
L X1:2
A164
Control unit, RCIOM,
Rear Chassis IO Module
ABS/EBS Trailer
Trailer Light
Ignition key signal X1:7
Control Lamp X1:19
Direction Indicator left X1:25
Direction Indicator right X1:24
Position Light Left X1:20
Position Light Right X1:13
Brake Light X1:26
A163
Control unit, CCIOM,
Central Chassis IO Module
CCIOM
Trailer Light
Fog Light X2:27
Reverse Light X1:27
BBEC1
FRC
F46 20A
A01.CB1:4
XC201:1
Cab PT
XC210:5
XC210:7
XC210:8
XC210:11
XC317:7
XC317:8
XC317:17
XC317:18
XC317:19
XC317:20
XC317:21
X02_2
X03_2
CAN H
CAN L
GND
GND
Supply
Kl.15
Control lamp
Brake Proprietary Net
Lhs. direction indicator
Rhs. direction indicator
Rear Fog Light
Lhs. rear parking light circuit
Rhs. rear parking light circuit
Brake Light
Reverse Light
Power supply (+24 Volt)
Free/ Steer axle lock (+)
Free / (start aid (-))
Free / Axel lifting device (+)
Common return
Common return for pins 14 and 15
Trailer ABS/EBS Connector 7-pin
Trailer connector:15 pin

T3065455

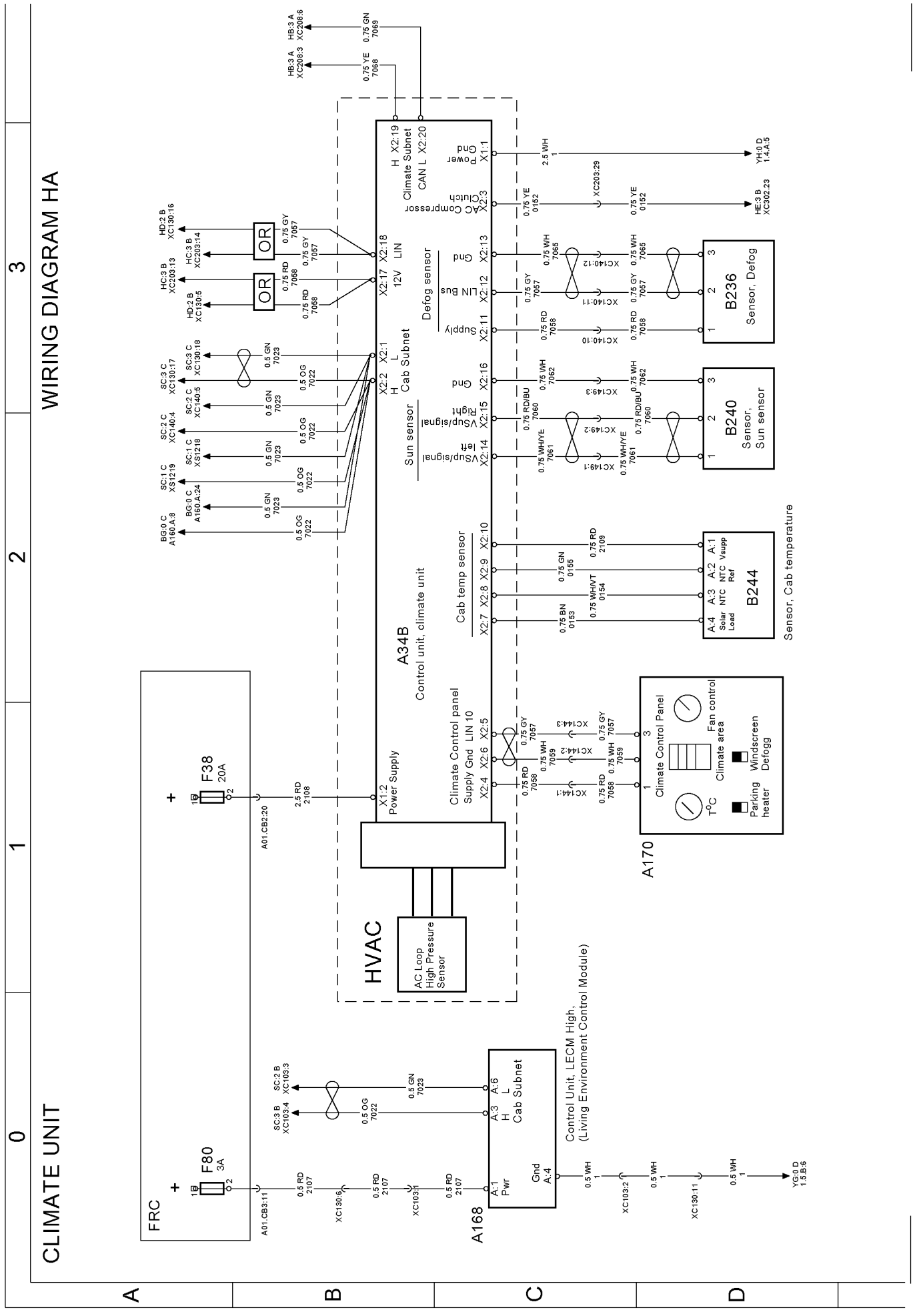

TRAILER CONNECTION
RIGID TREL-14
WIRING DIAGRAM GM
0
1
2
3
A
B
C
D
Over hang interface
GND
YB:3 C
XS309
X63
X63:2
X63:3
X63:7B
X63:5
X63:6
X63:4
X63:7A
X63:12
X63:9
X63:10
X63:11
X63:1
Lhs. direction indicator
Rhs. direction indicator
Rear Fog Light
Lhs. rear parking light circuit
Rhs. rear parking light circuit
Brake Light
Reverse Light
Power supply (+24 Volt)
Free/ Steer axle lock (+)
Free / (start aid (-))
Free / Axel lifting device (+)
Common return
Trailer connector: 14 pin (TREL-14)
XC342:15
XC342:16
XC342:24
XC342:17
XC342:18
XC342:19
XC342:25
XC342:20
XC342:21
XC342:22
XC342:23
1.5 YE 3050
1.5 GN 3051
1.5 GY 3055
1.5 WH/GY 3052
1.5 WH/RD 3053
1.5 RD/GY 3054
2.5 PK 3056
2.5 RD 8017
1.5 BU 8018
1.5 WH/YE 8019
1.5 WH/GN 8020
4.0 WH


TRAILER LIGHT CONVERTER 24V/12V AUSTRALIA
WIRING DIAGRAM GN
A164
RCIOM
ABS/EBS Trailer
Trailer Light
Position Light Right
Position Light Left
Dir. Ind. light Left
Brake Light
Dir. Ind. light Right
Key signal
Control Lamp
A163
CCIOM
Trailer Light
5th wheel light
Reverse Light
EL7
A21
EBS
Brake proprietary net
U10
TRAILER ABS POWER SUPPLY DC/DC 24V/12V
TRAILER LIGHT REDUCER DC/DC 24V/12V
IGNITION SIGNAL
ABS SUPPLY +12V
ABS IGNITION +12V
GROUND
Circuit Breakers
IN
OUT
X02T
X02R
X51
X51 changed to 21W TYCO MCP
X51_2 is a ring terminal
X25
1 - Generic ground
OR

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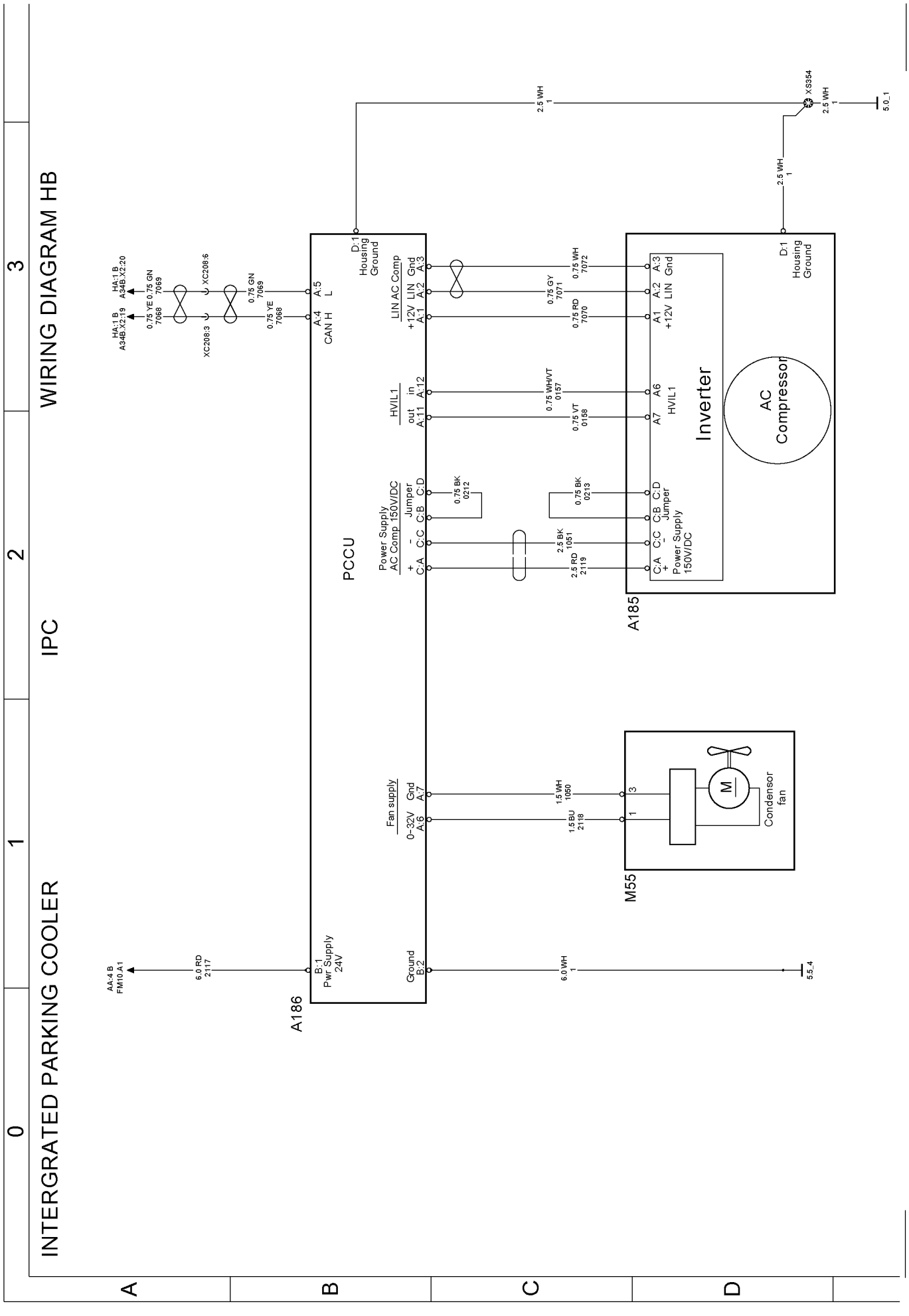



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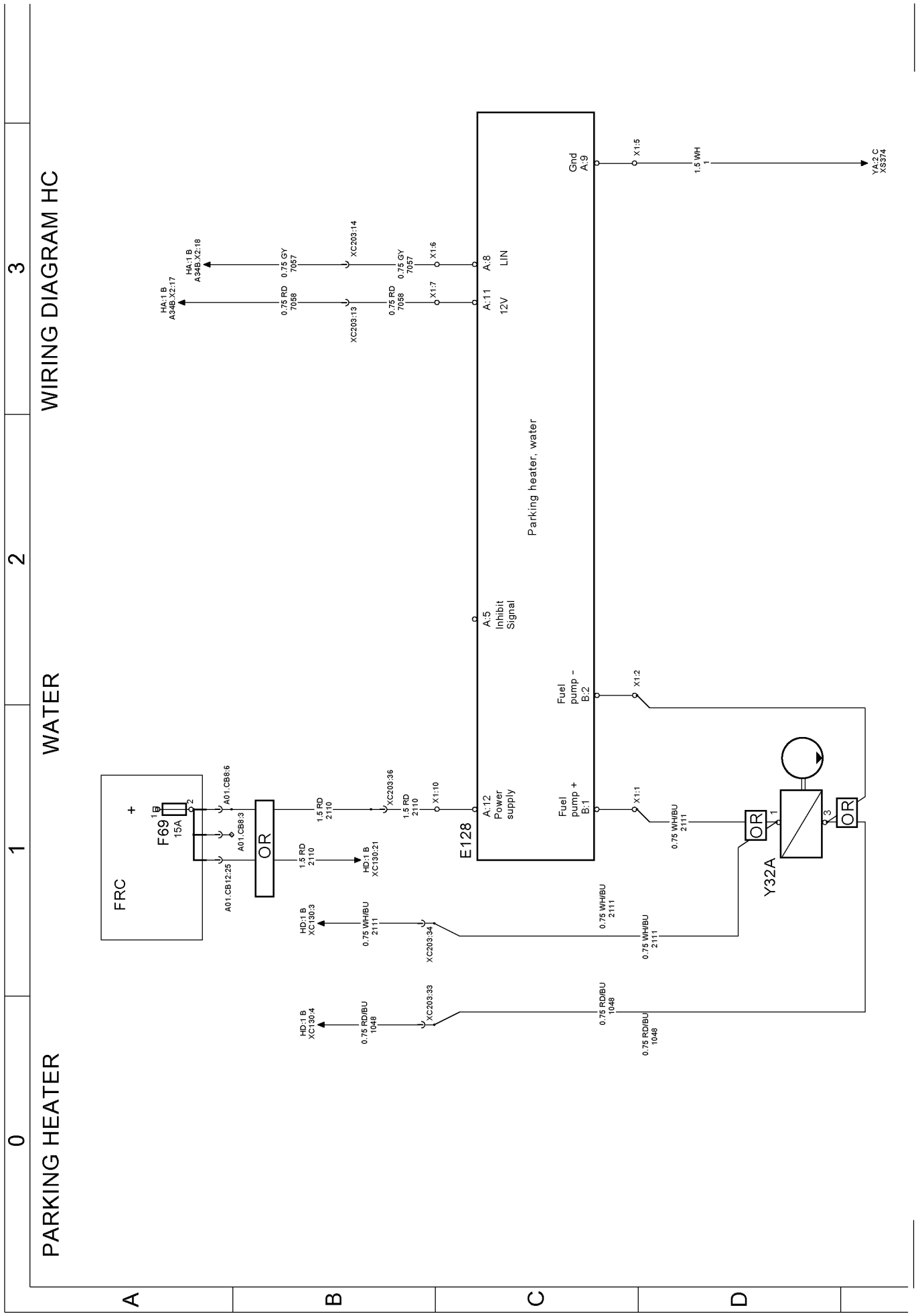

WIRING DIAGRAM HA
CLIMATE UNIT
FRC
F80 3A
F38 20A
A01.CB3:11
A01.CB2:20
A168
Control Unit, LECM High, (Living Environment Control Module)
Cab Subnet
A34B
Control unit, climate unit
Power Supply
Climate Control panel
Supply Gnd LIN 10
Cab temp sensor
Sun sensor
Defog sensor
Climate Subnet
CAN L X2:20
H X2:19
12V LIN
A/C Compressor Clutch
Power Gnd
HVAC
AC Loop High Pressure Sensor
A170
Climate Control Panel
Fan control
Climate area
Windscreen Defogg
Parking heater
B244
Sensor, Cab temperature
B240
Sensor, Sun sensor
B236
Sensor, Defog
OR

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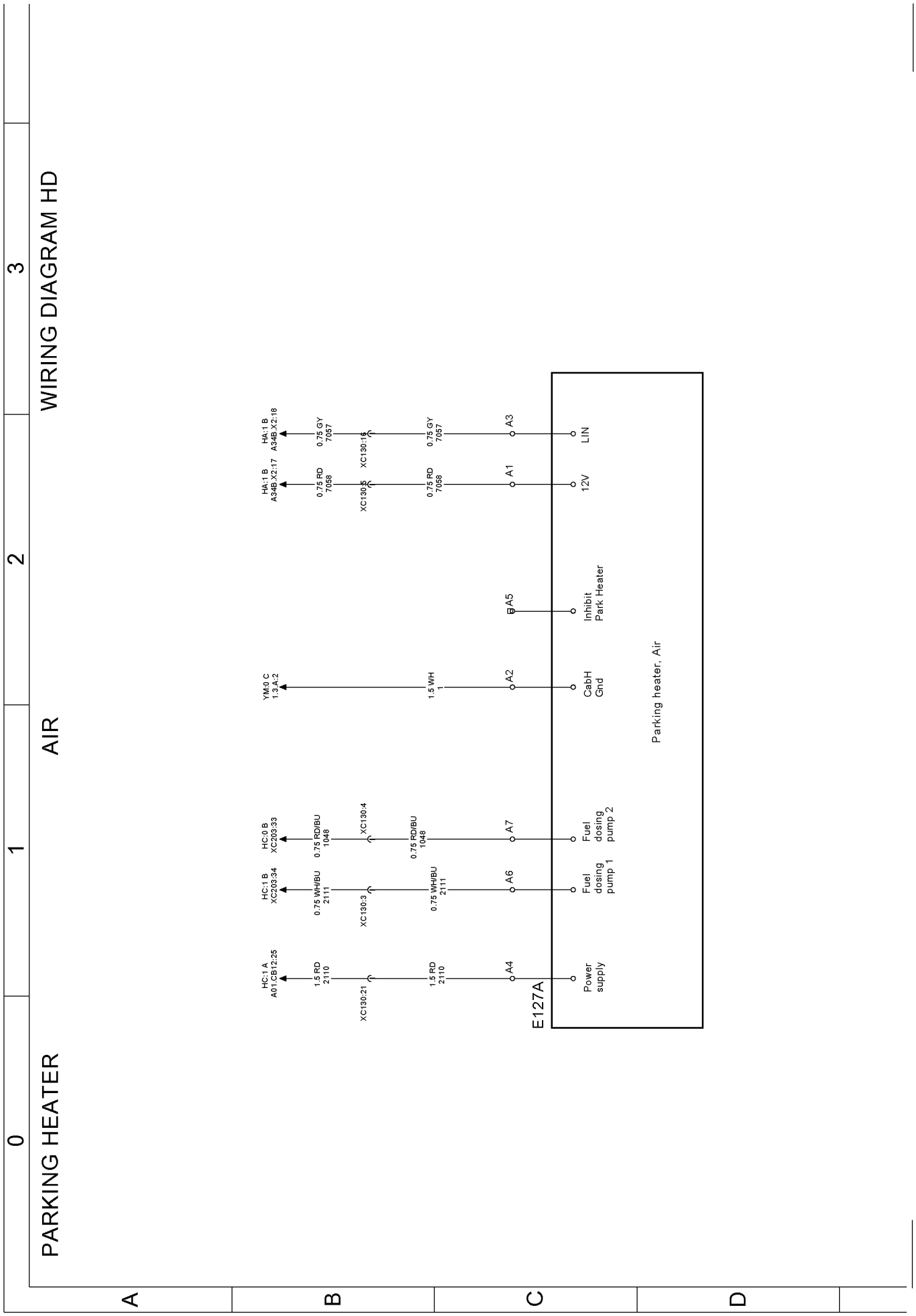



T3065470


PARKING HEATER
WATER
WIRING DIAGRAM HC
0
1
2
3
A
B
C
D
FRC
+
F69
15A
A01.CB8:6
A01.CB8:3
A01.CB12:25
OR
1.5 RD
2110
XC203:36
X1:10
HD:1 B
XC130:21
E128
A:12
Power
supply
A:5
Inhibit
Signal
Parking heater, water
Gnd
A:9
X1:5
1.5 WH
1
YA:2 C
XS374
HA:1 B
A34B:X2:17
HA:1 B
A34B:X2:18
0.75 RD
7058
0.75 GY
7057
XC203:13
XC203:14
X1:7
X1:6
A:11
12V
A:8
LIN
Fuel
pump -
B:2
Fuel
pump +
B:1
X1:2
X1:1
0.75 WH/BU
2111
HD:1 B
XC130:3
XC203:34
0.75 RD/BU
1048
HD:1 B
XC130:4
XC203:33
Y32A
1
3

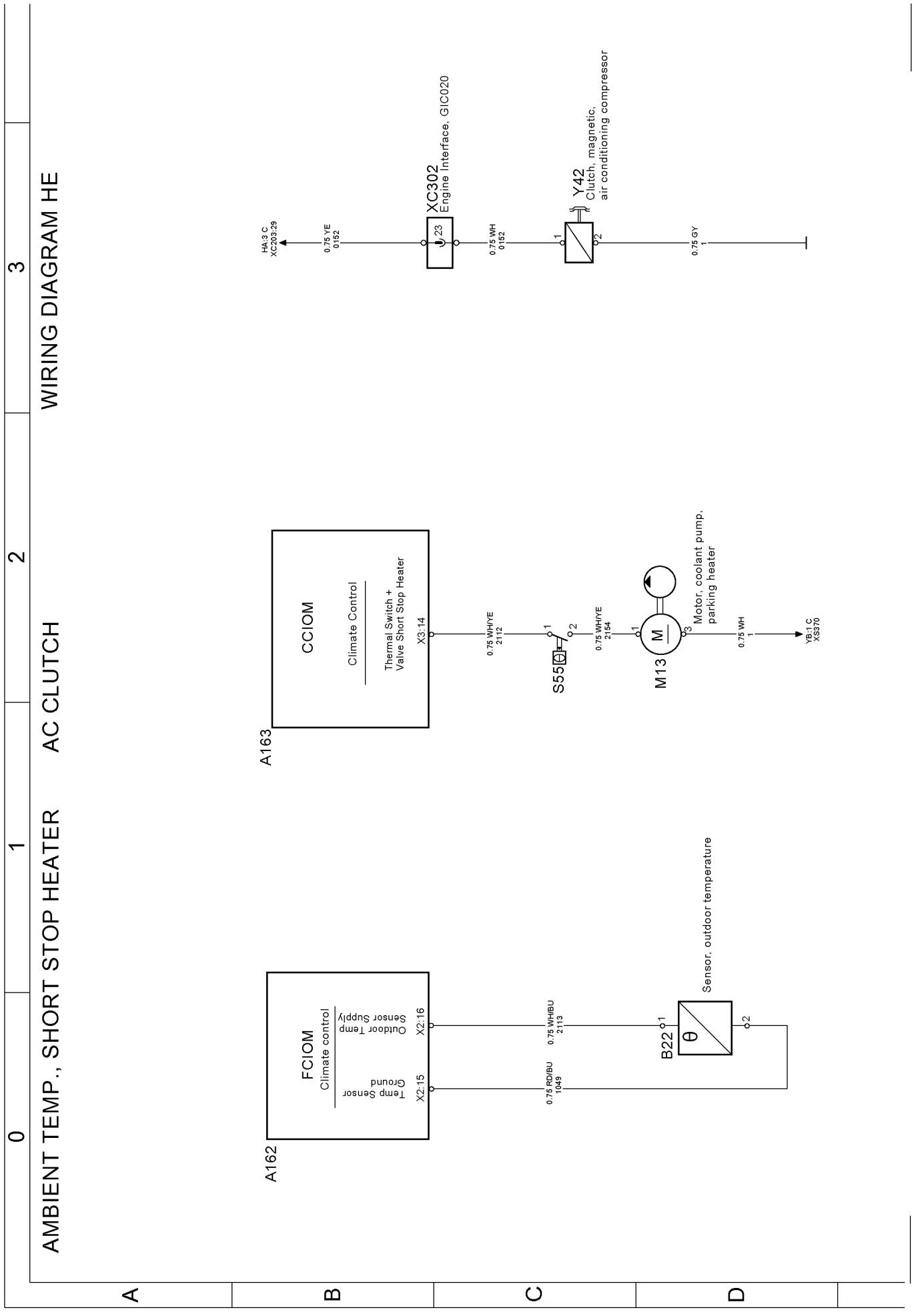
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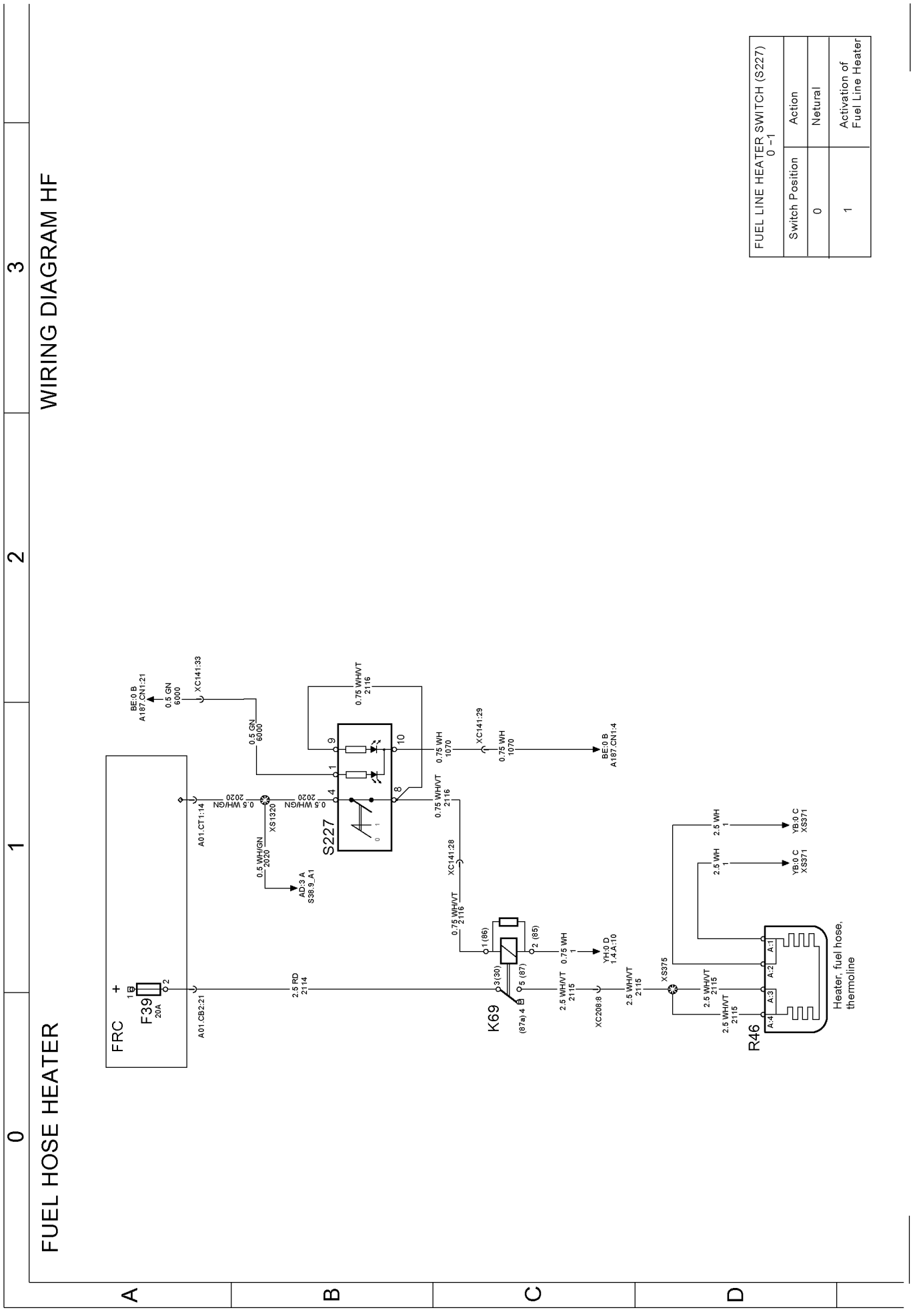



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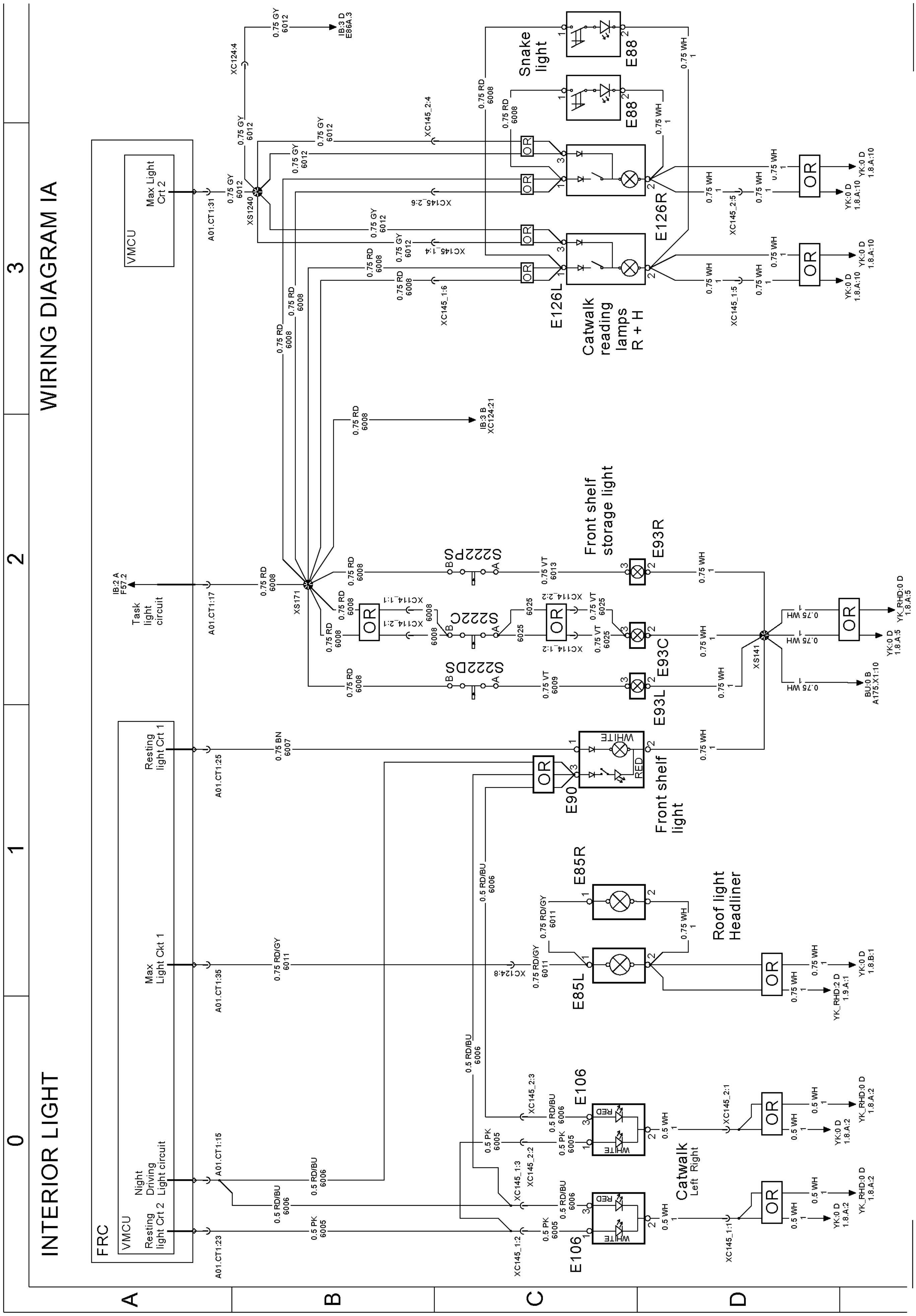
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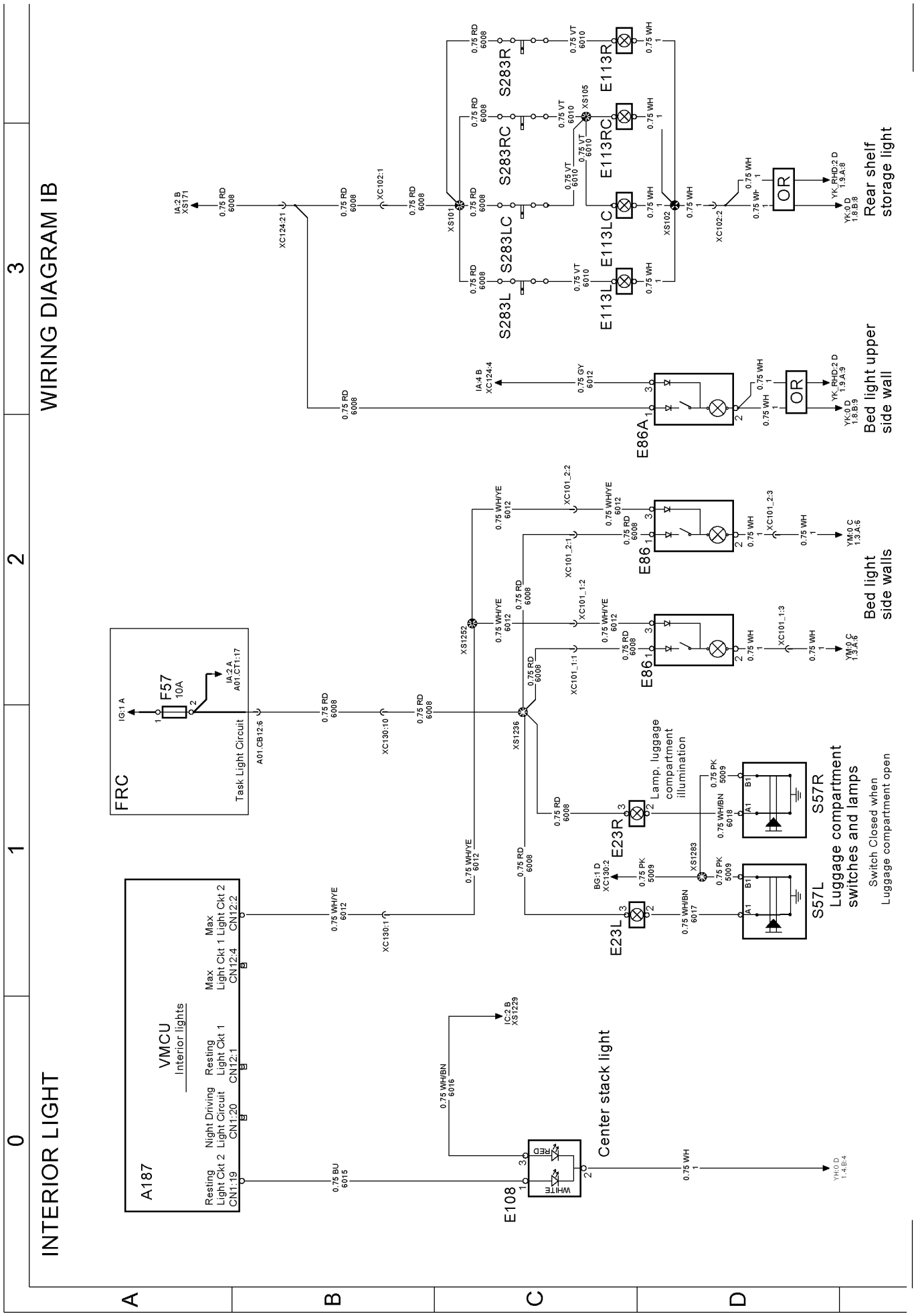

FUEL HOSE HEATER
WIRING DIAGRAM HF
0
1
2
3
A
B
C
D
FRC
F39
20A
A01.CB2:21
2.5 RD
2114
A01.CT1:14
0.5 WH/GN
2020
XS1320
0.5 WH/GN
2020
AD:3 A
S38:9_A1
0.5 WH/GN
2020
S227
0.5 GN
6000
XC141:33
BE:0 B
A187.CN1:21
0.75 WH/VT
2116
0.75 WH
1070
XC141:29
0.75 WH
1070
BE:0 B
A187.CN1:4
0.75 WH/VT
2116
XC141:28
0.75 WH/VT
2116
K69
1 (86)
2 (85)
3 (30)
5 (87)
(87a) 4
0.75 WH
1
YH:0 D
1.4.A.10
XC208:8
2.5 WH/VT
2115
2.5 WH/VT
2115
XS375
2.5 WH/VT
2115
2.5 WH/VT
2115
2.5 WH
1
2.5 WH
1
YB:0 C
XS371
YB:0 C
XS371
R46
A:4
A:3
A:2
A:1
Heater, fuel hose, thermoline
FUEL LINE HEATER SWITCH (S227)
0 -1
Switch Position
Action
0
Netural
1
Activation of Fuel Line Heater

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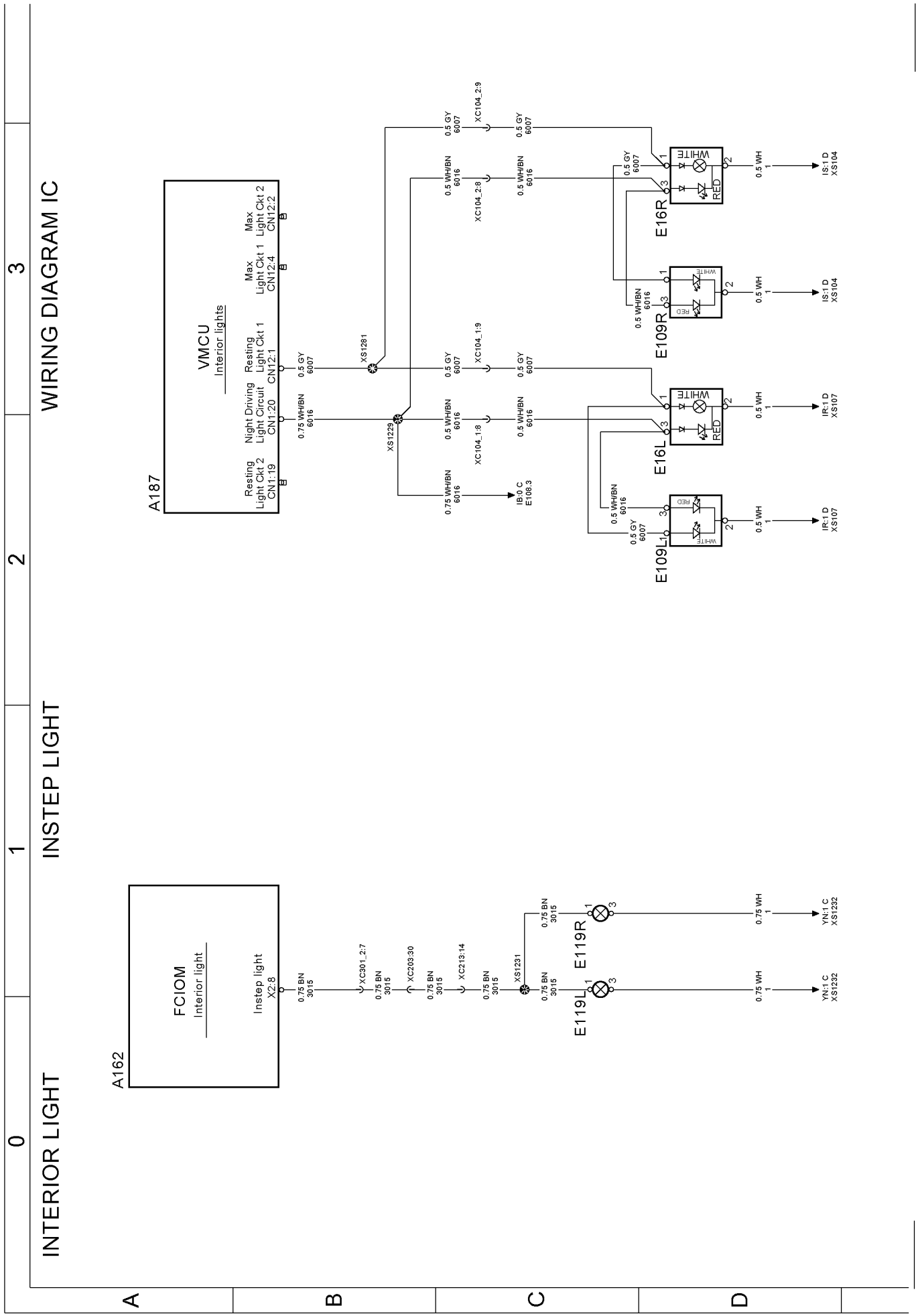

INTERIOR LIGHT
WIRING DIAGRAM IA
FRC
VMCU
Max Light Crt 2
Resting light Crt 1
Max Light Ckt 1
Night Driving Light circuit
Resting light Crt 2
Task light circuit
Snake light
E88
Catwalk reading lamps R + H
E126L
E126R
Front shelf storage light
E93R
E93C
E93L
S222PS
S222C
S222DS
Front shelf light
E90
Roof light Headliner
E85R
E85L
Catwalk Left Right
E106
XS1240
XS171
XS141

T3086426

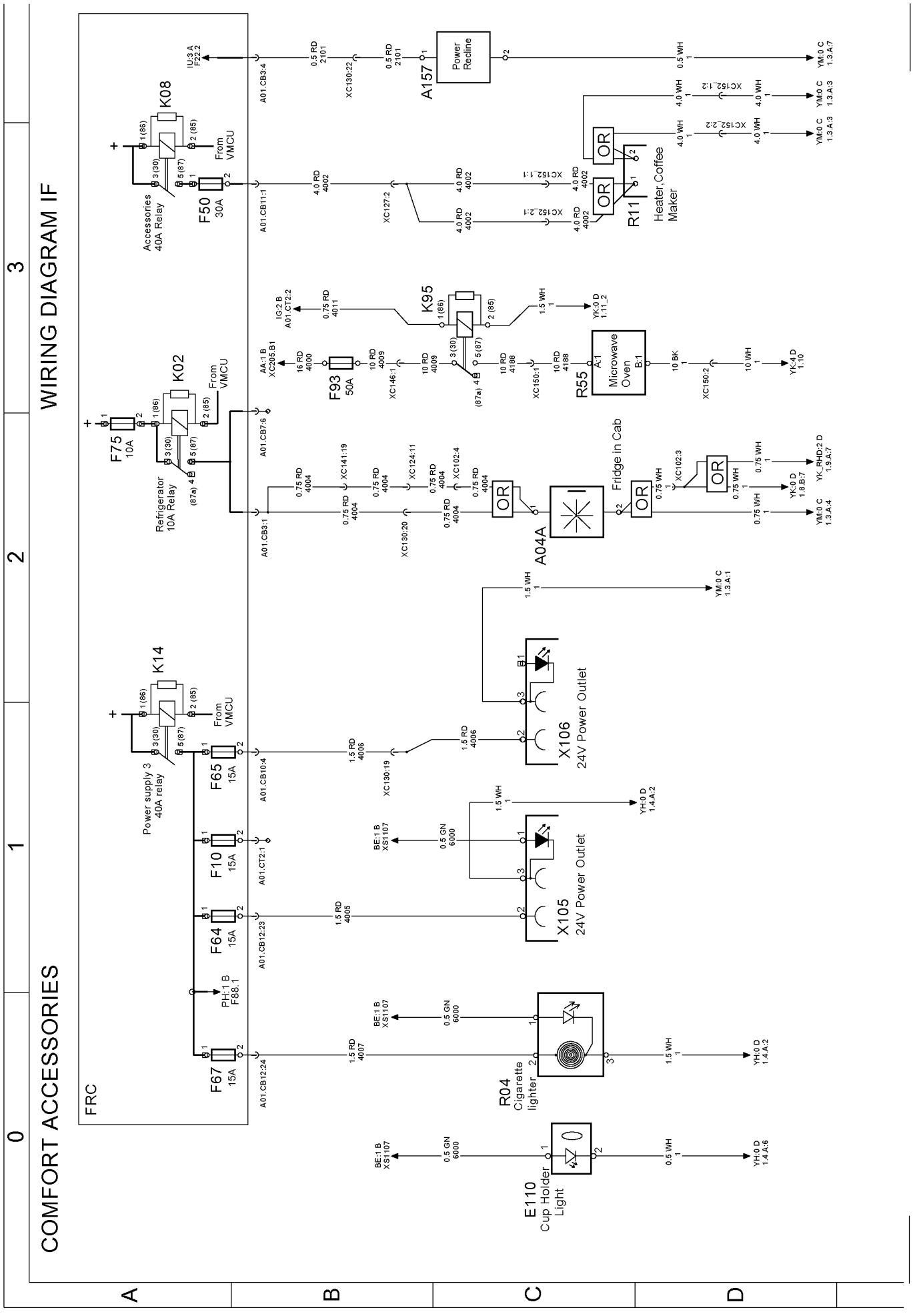
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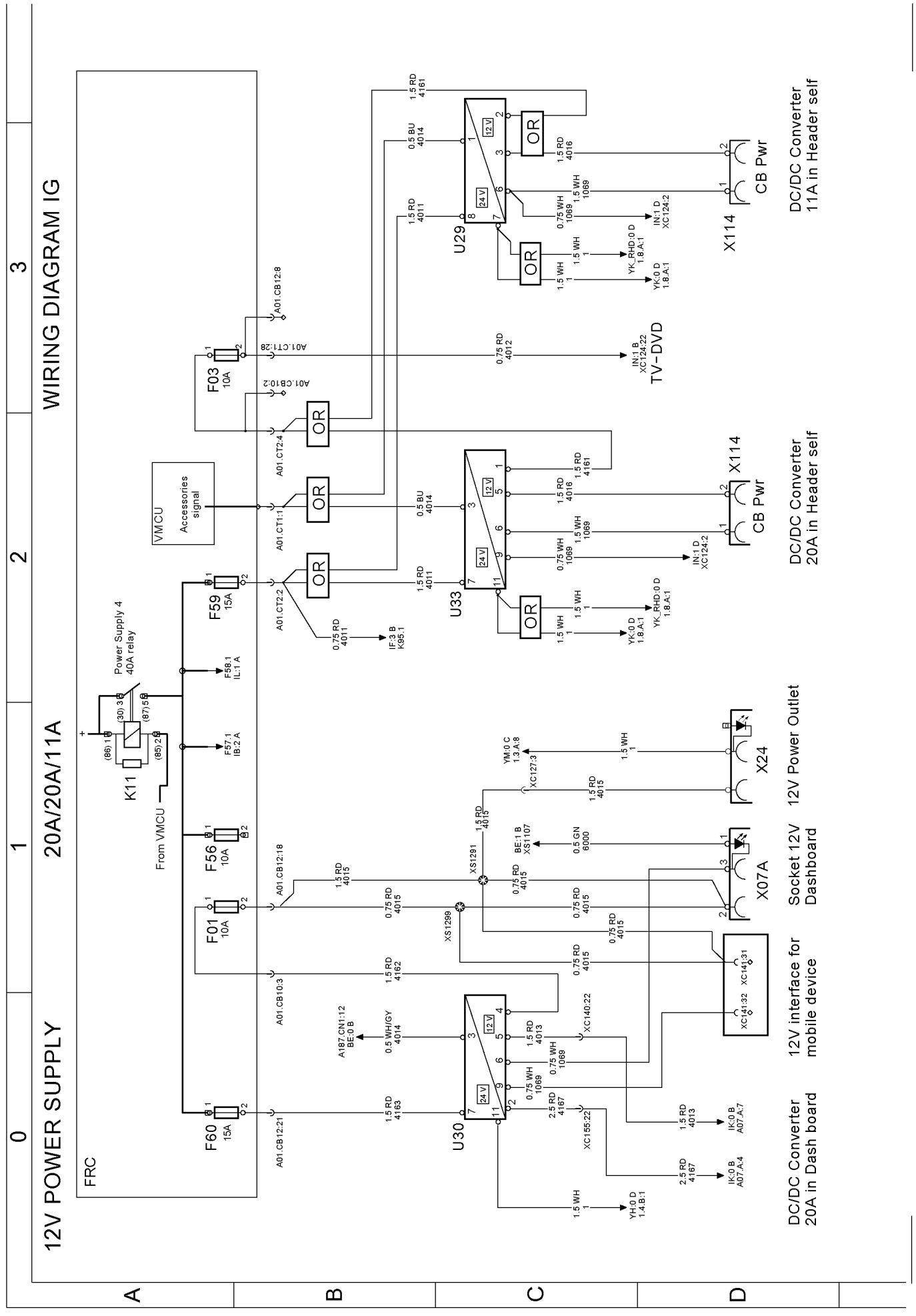
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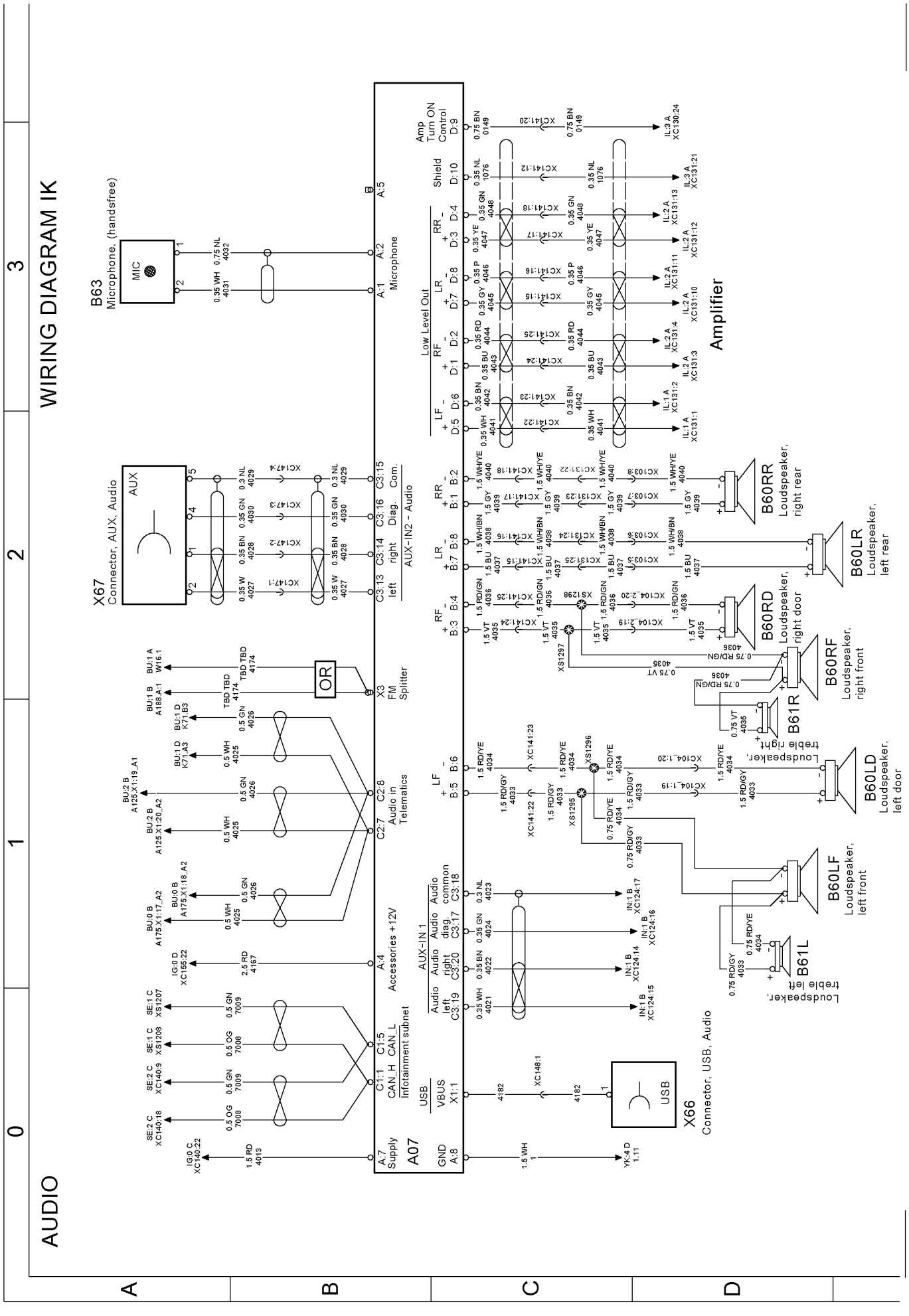


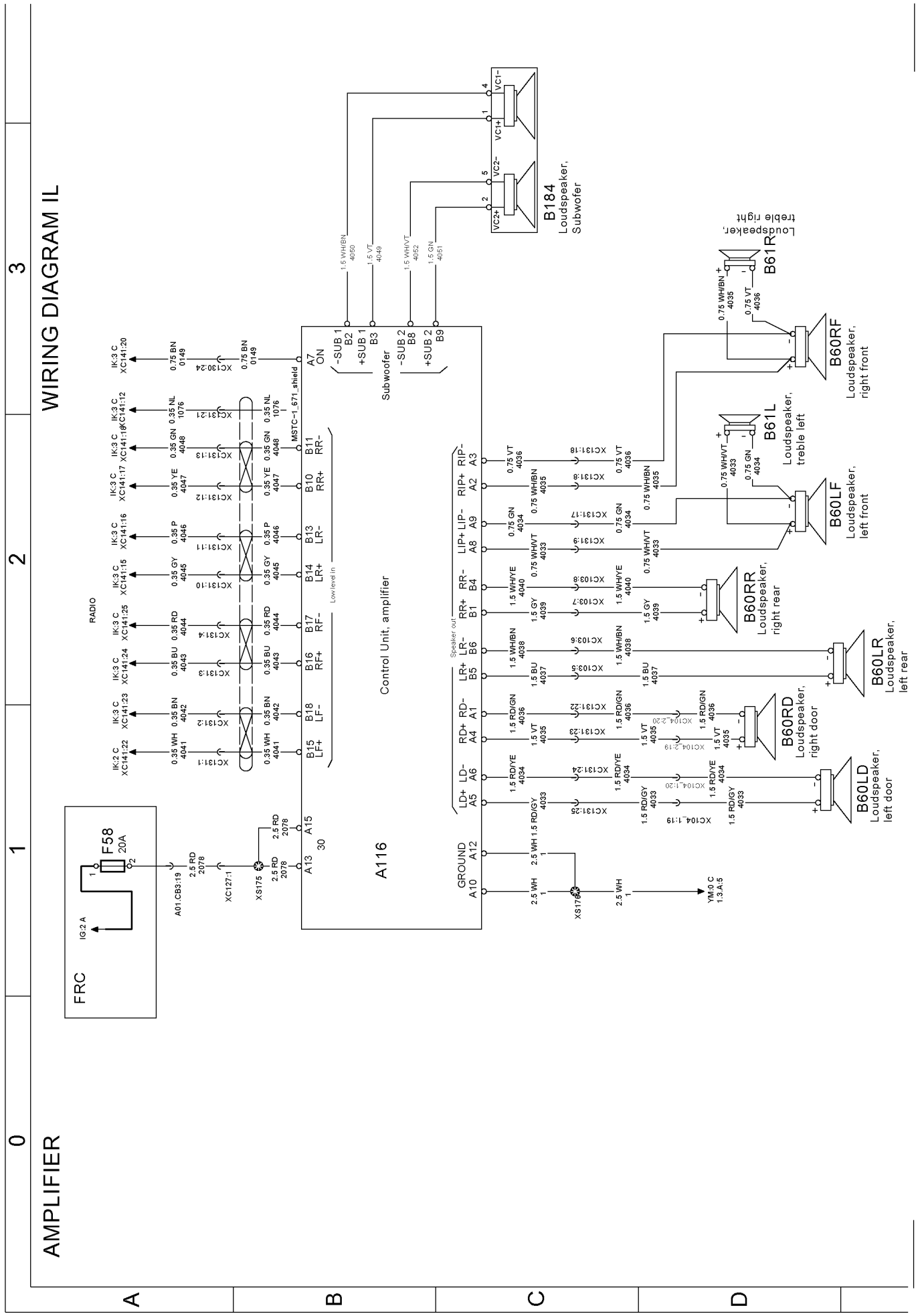
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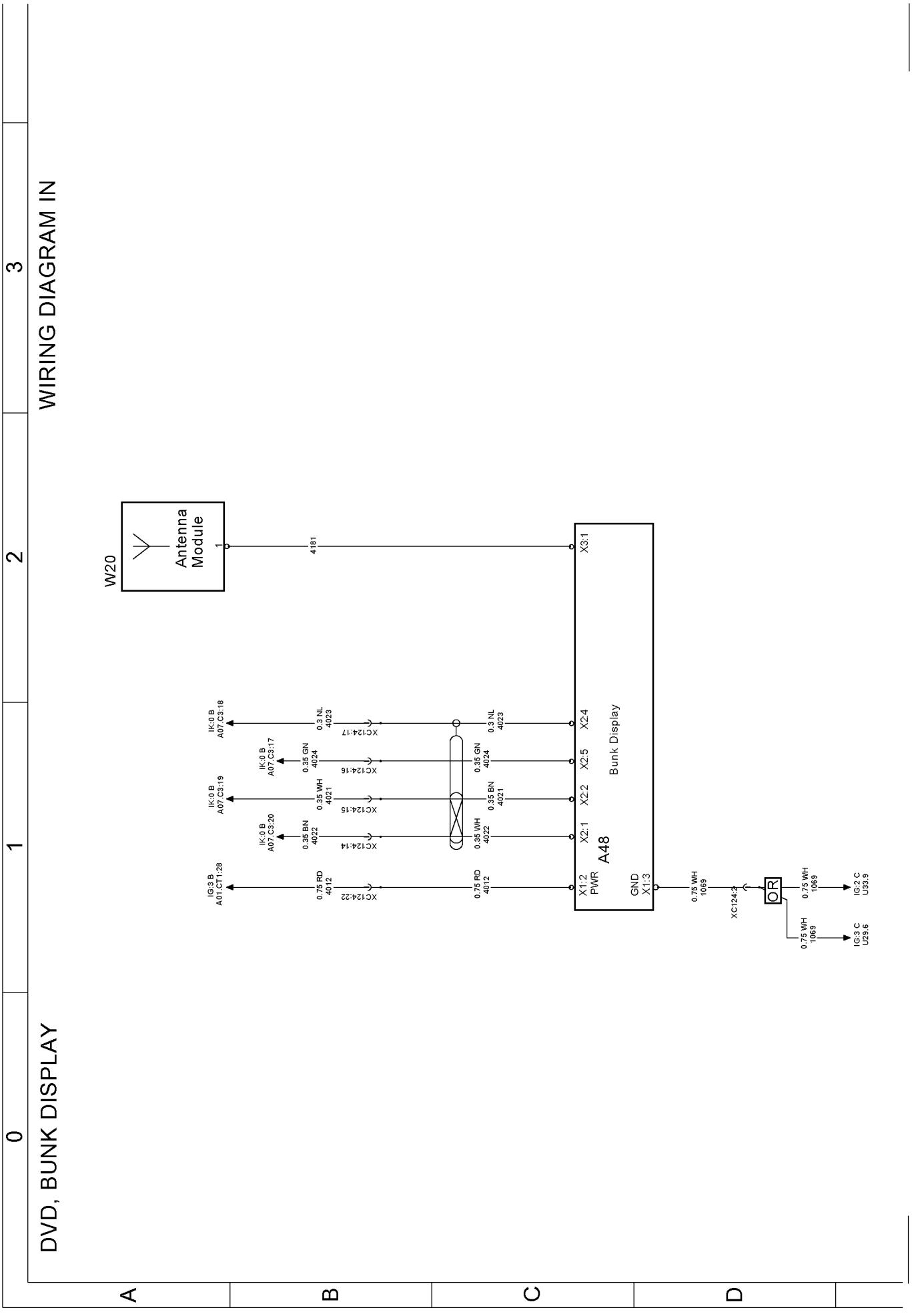
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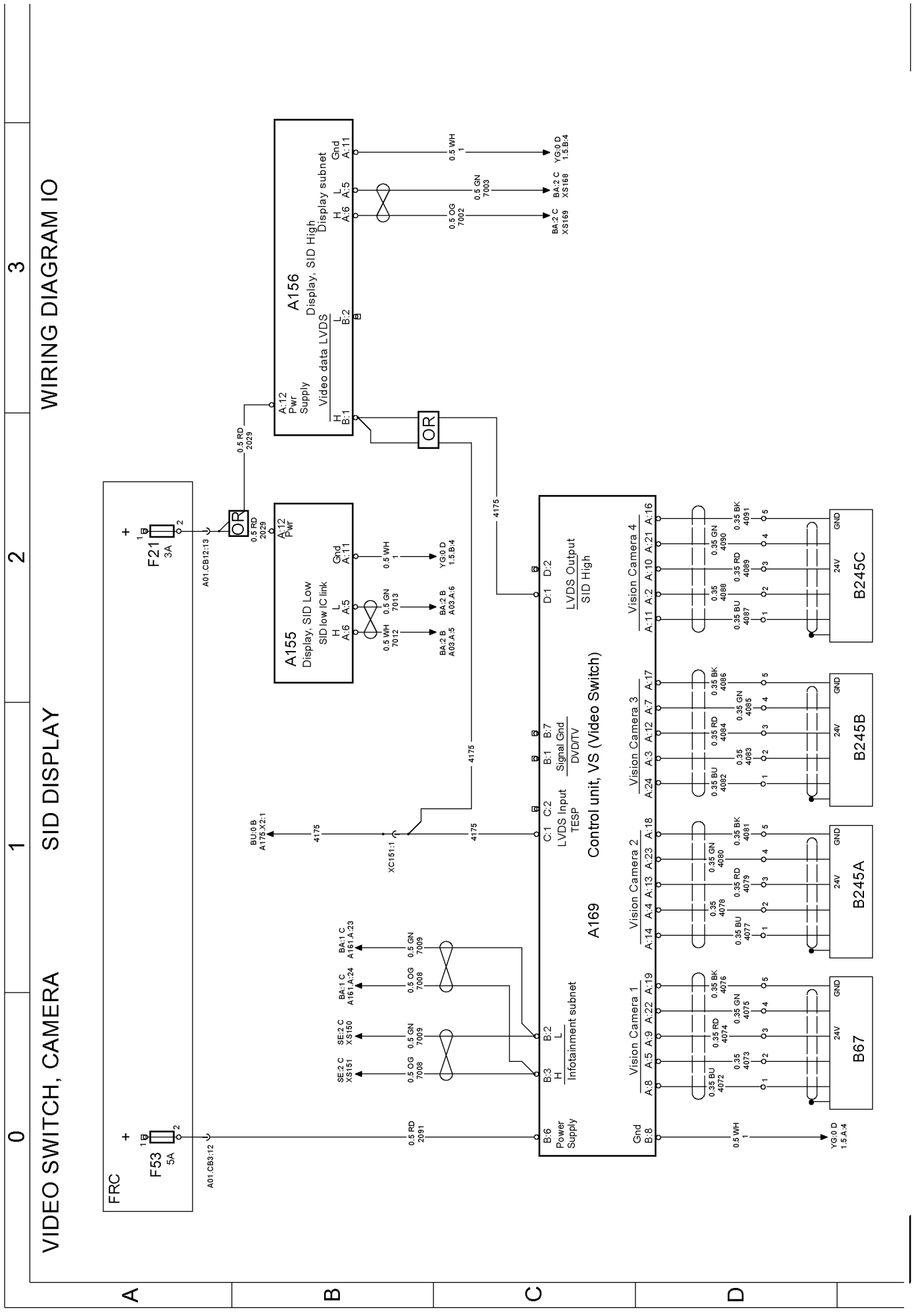

AUDIO
WIRING DIAGRAM IK
Amplifier
Low Level Out
Shield
Amp Turn ON Control
Microphone, (handsfree)
Connector, AUX, Audio
Connector, USB, Audio
Accessories +12V
CAN_H CAN_L
Infotainment subnet
Audio in Telematics
FM Splitter
AUX-IN2 – Audio
AUX-IN 1
Loudspeaker, left front
Loudspeaker, right front
Loudspeaker, left rear
Loudspeaker, right rear
Loudspeaker, left door
Loudspeaker, right door
treble left
treble right


AMPLIFIER
WIRING DIAGRAM IL
FRC
IG:2 A
F58
20A
A01:CB3:19
2.5 RD
2078
XC127:1
XS175
A13
A15
30
A116
Control Unit, amplifier
RADIO
Low level in
Speaker out
GROUND
A10
A12
XS176
YM:0 C
1.3 A:5
MSTC–1_671_shield
–SUB 1
B2
+SUB 1
B3
Subwoofer
–SUB 2
B8
+SUB 2
B9
B184
Loudspeaker,
Subwofer
VC1–
VC1+
VC2–
VC2+
B60LD
Loudspeaker,
left door
B60RD
Loudspeaker,
right door
B60LR
Loudspeaker,
left rear
B60RR
Loudspeaker,
right rear
B60LF
Loudspeaker,
left front
B61L
Loudspeaker,
treble left
B60RF
Loudspeaker,
right front
B61R
Loudspeaker,
treble right
T3065588

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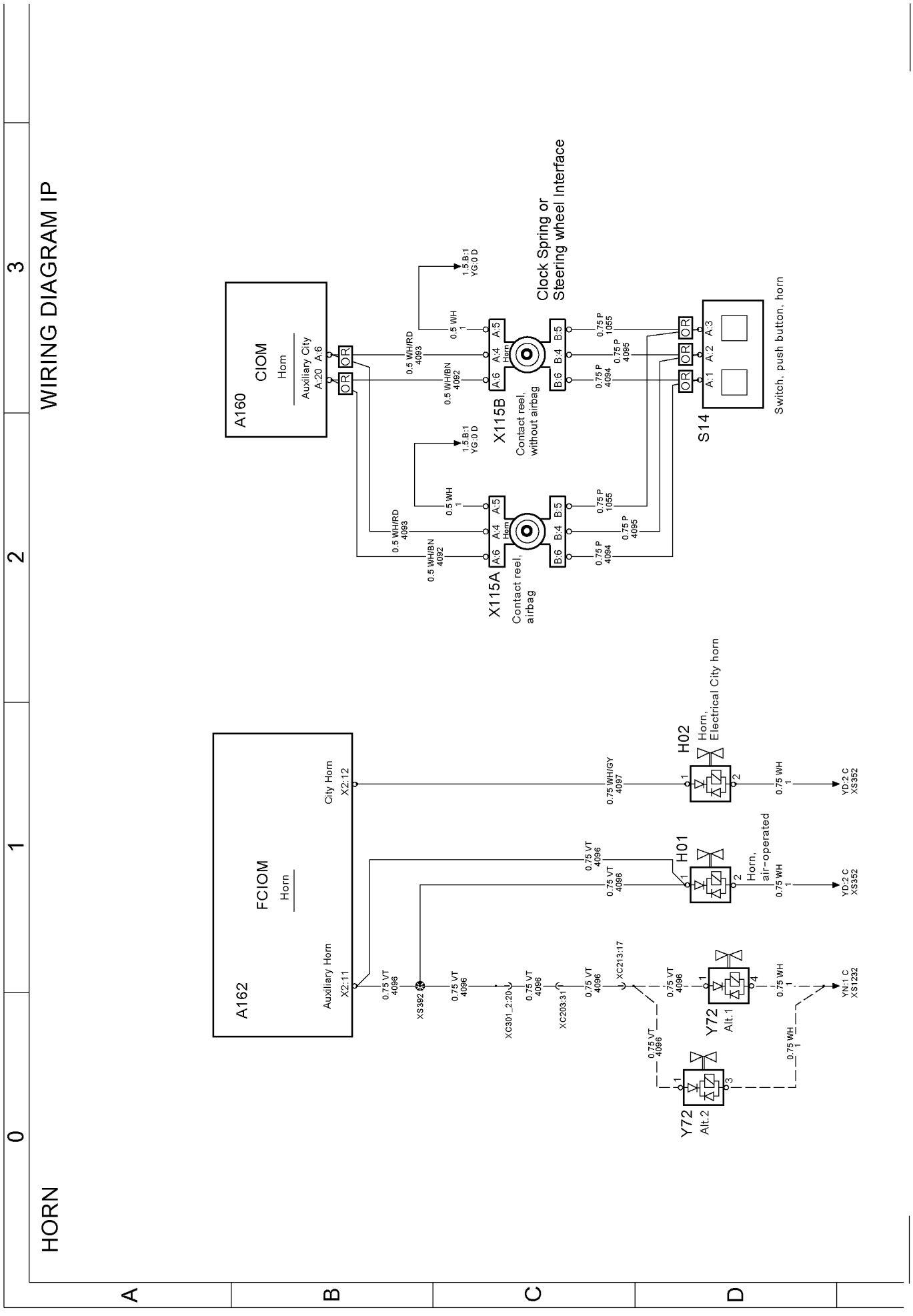


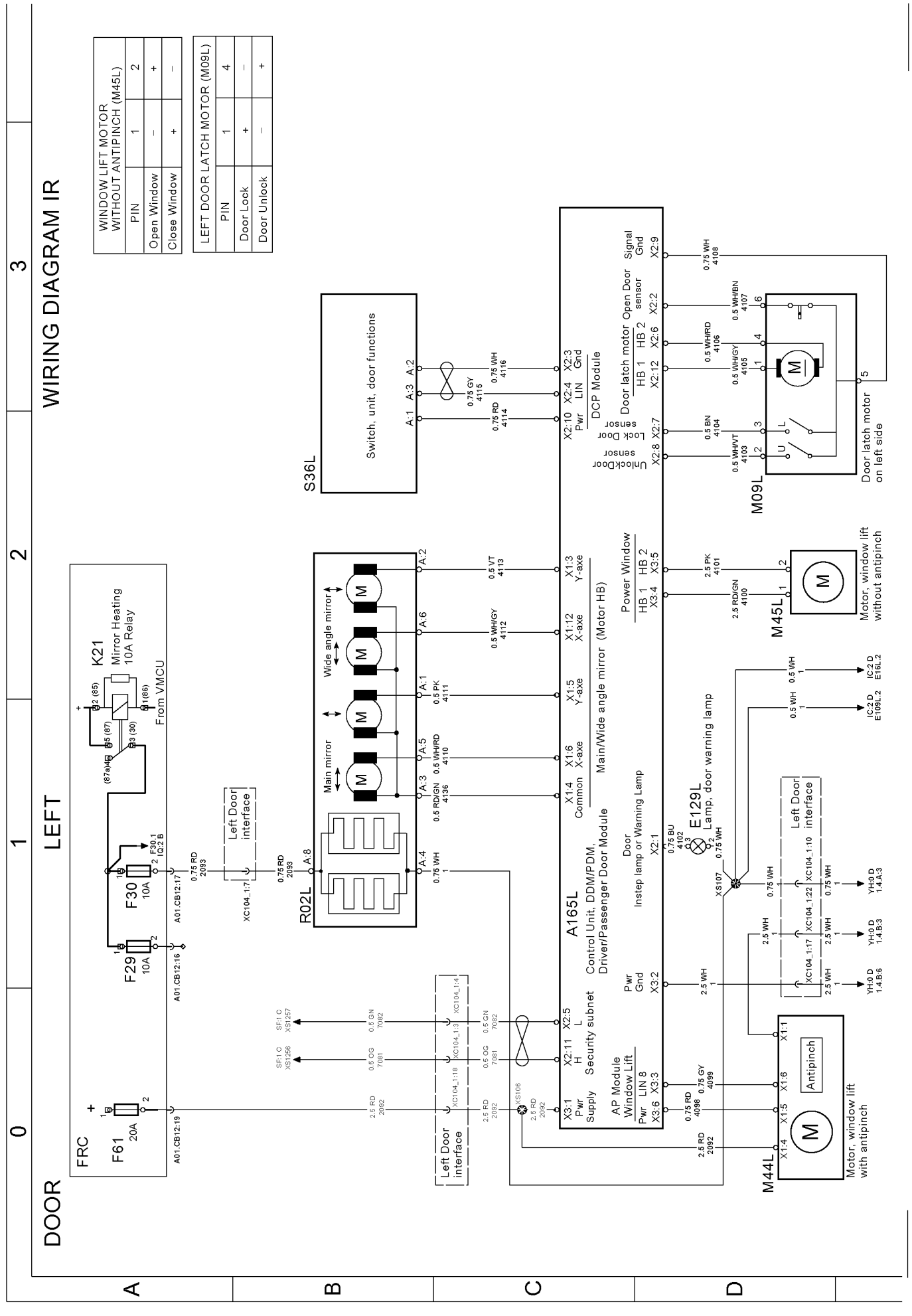

T3086431


VIDEO SWITCH, CAMERA
SID DISPLAY
WIRING DIAGRAM IO
FRC
F53
5A
F21
3A
A01.CB3:12
A01.CB12:13
0.5 RD
2091
0.5 RD
2029
A156
Display, SID High
Video data LVDS
Display subnet
A155
Display, SID Low
SID low IC link
A169
Control unit, VS (Video Switch)
LVDS Input
TESP
LVDS Output
SID High
Power Supply
Infotainment subnet
Signal Gnd
DVD/TV
Vision Camera 1
Vision Camera 2
Vision Camera 3
Vision Camera 4
B67
B245A
B245B
B245C
OR
4175
XC151:1
BU:0 B
A175.X2:1
0.5 WH
1
YG:0 D
1.5.B.4
0.5 GN
7003
0.5 OG
7002
0.5 GN
7013
0.5 WH
7012
0.5 GN
7009
0.5 OG
7008
YG:0 D
1.5.A.4

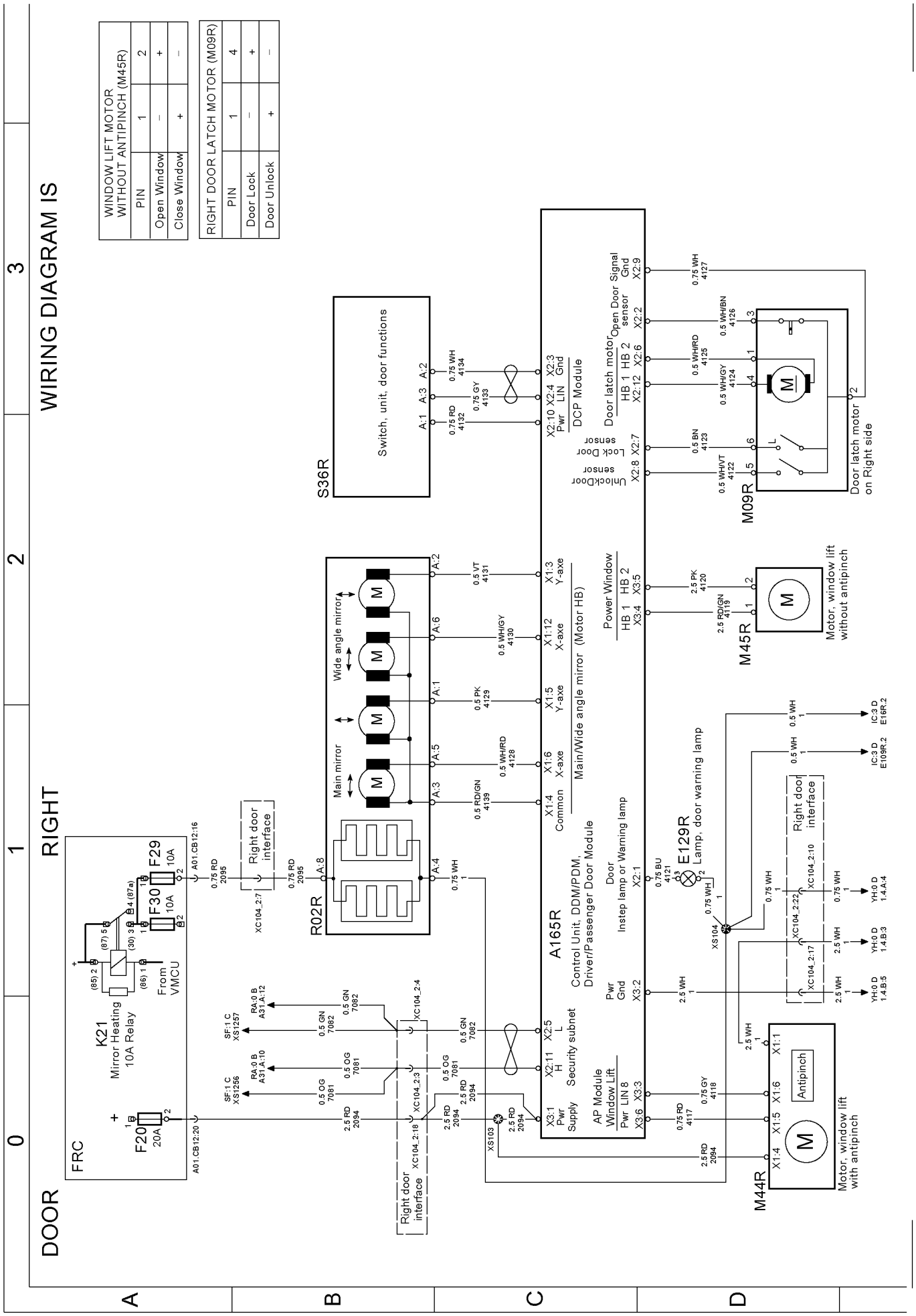
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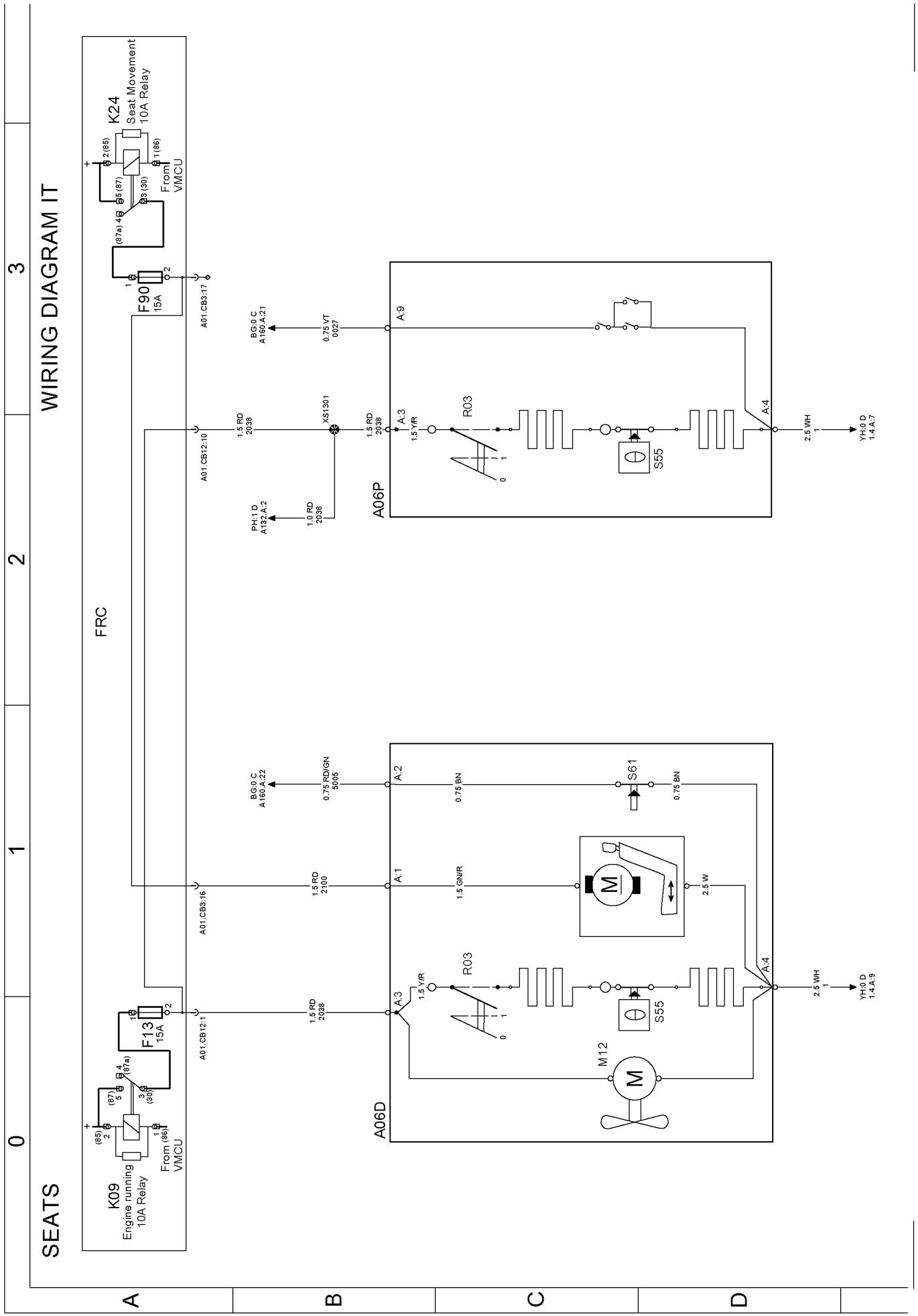
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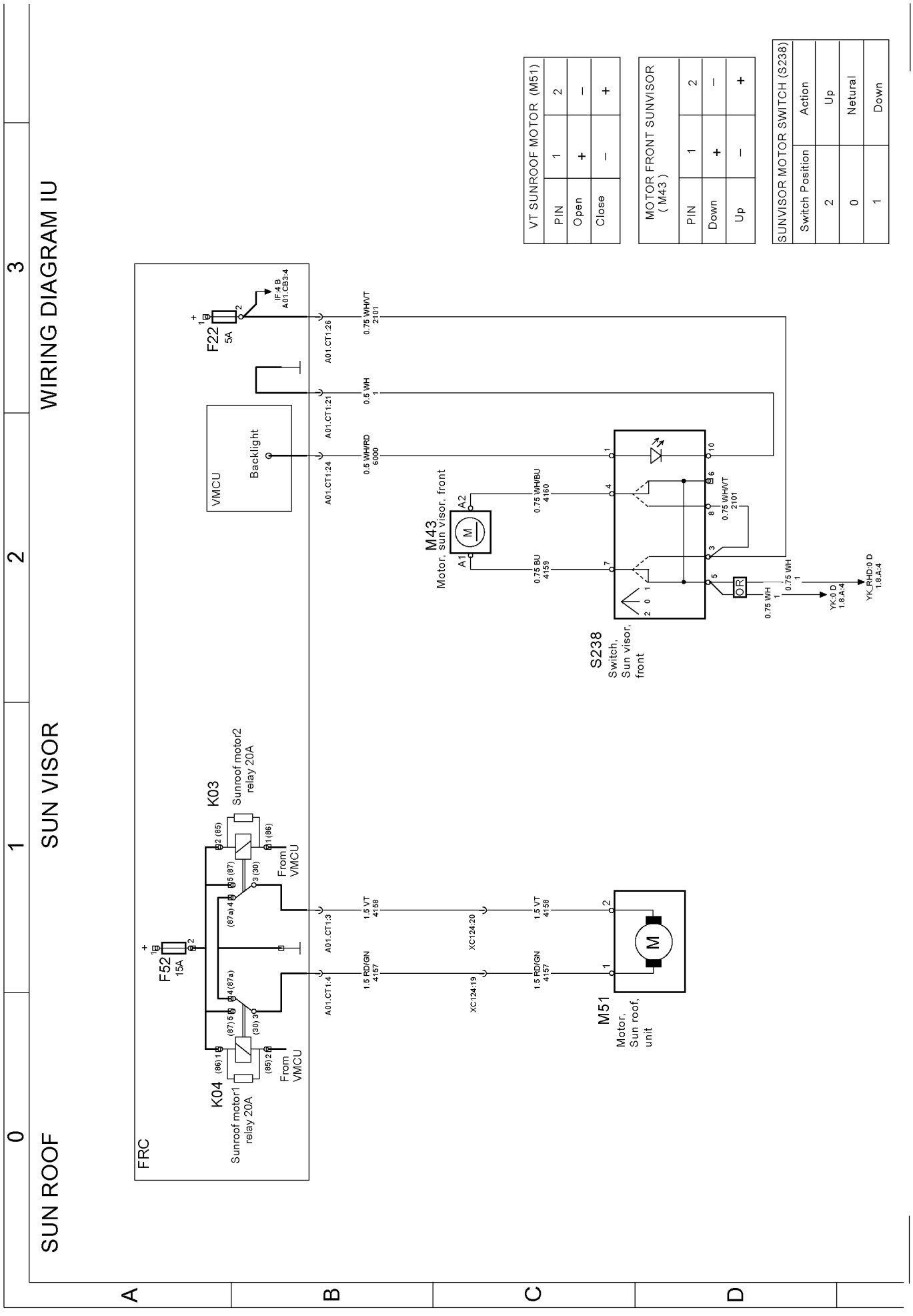

DOOR
LEFT
WIRING DIAGRAM IR
WINDOW LIFT MOTOR WITHOUT ANTIPINCH (M45L)
PIN 1 2
Open Window – +
Close Window + –
LEFT DOOR LATCH MOTOR (M09L)
PIN 1 4
Door Lock + –
Door Unlock – +
FRC
F61 20A
F29 10A
F30 10A
K21 Mirror Heating 10A Relay
From VMCU
Left Door interface
R02L
Main mirror
Wide angle mirror
S36L
Switch, unit, door functions
A165L
Control Unit, DDM/PDM, Driver/Passenger Door Module
Main/Wide angle mirror (Motor HB)
Power Window
Door Instep lamp or Warming Lamp
E129L
Lamp, door warning lamp
AP Module Window Lift
Security subnet
DCP Module
Door latch motor
Open Door sensor
Signal Gnd
M09L
Door latch motor on left side
M45L
Motor, window lift without antipinch
M44L
Motor, window lift with antipinch
Antipinch

T3086433

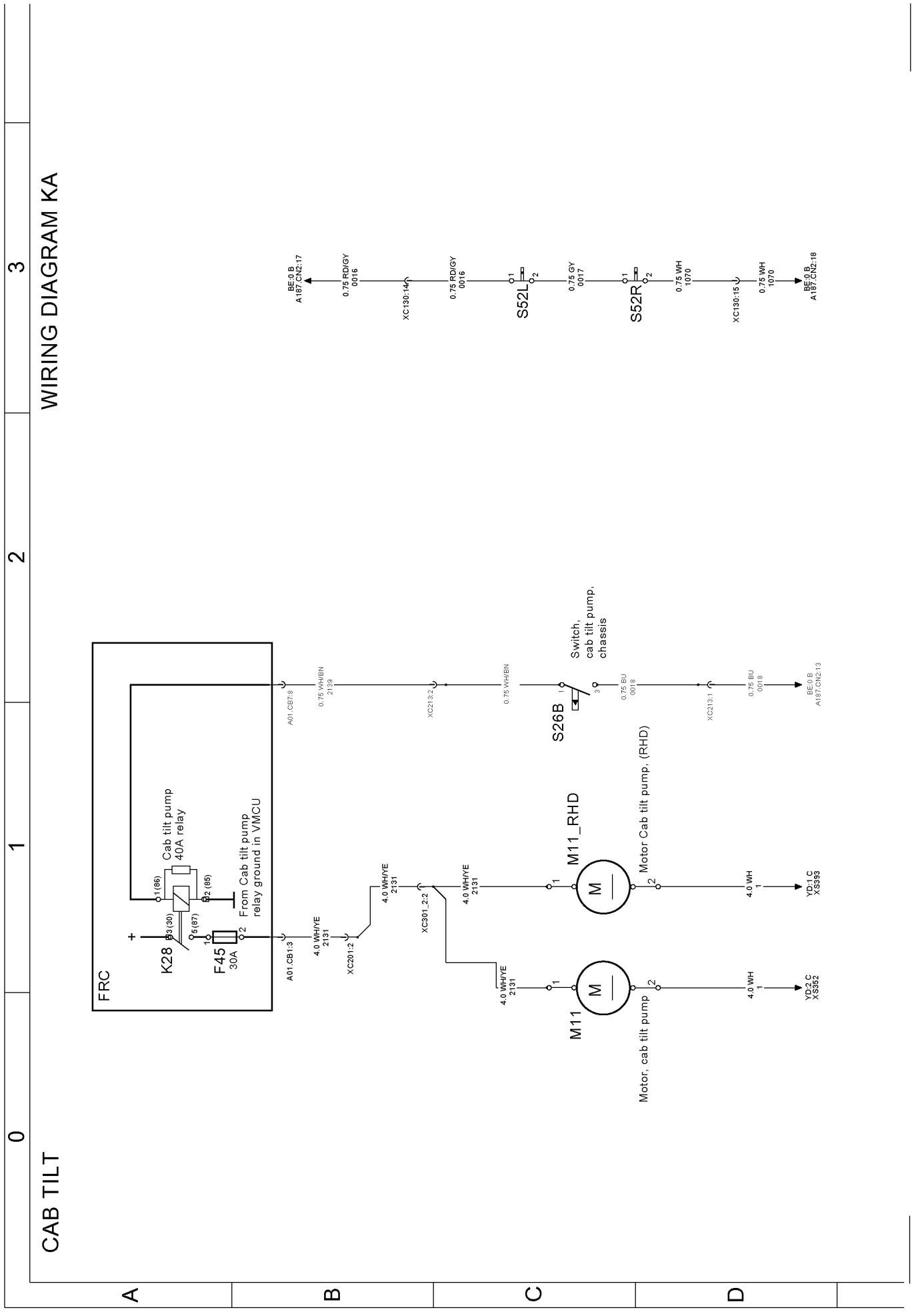

DOOR
RIGHT
WIRING DIAGRAM IS
WINDOW LIFT MOTOR WITHOUT ANTIPINCH (M45R)
PIN 1 2
Open Window – +
Close Window + –
RIGHT DOOR LATCH MOTOR (M09R)
PIN 1 4
Door Lock – +
Door Unlock + –
FRC
F20 20A
F30 10A
F29 10A
K21 Mirror Heating 10A Relay
From VMCU
A01.CB12:20
A01.CB12:16
Right door interface
XC104_2:7
XC104_2:18
XC104_2:3
XC104_2:4
R02R
Main mirror
Wide angle mirror
S36R
Switch, unit, door functions
A165R
Control Unit, DDM/PDM, Driver/Passenger Door Module
AP Module Window Lift
Main/Wide angle mirror (Motor HB)
Power Window
Door Instep lamp or Warning lamp
Security subnet
DCP Module
Door latch motor
Open Door sensor
UnlockDoor sensor
LockDoor sensor
M09R
Door latch motor on Right side
M45R
Motor, window lift without antipinch
M44R
Motor, window lift with antipinch
Antipinch
E129R
Lamp, door warning lamp
XS103
XS104
SF:1 C XS1256
SF:1 C XS1257
RA:0 B A31.A:10
RA:0 B A31.A:12
IC:3 D E109R.2
IC:3 D E16R.2
YH:0 D 1.4.A.4
YH:0 D 1.4.B.3
YH:0 D 1.4.B.5


WIRING DIAGRAM IT
SEATS
FRC
K24
Seat Movement
10A Relay
From
VMCU
F90
15A
K09
Engine running
10A Relay
F13
15A
A06P
A06D
R03
S55
S61
M112
A01.CB3:17
A01.CB12:10
A01.CB3:16
A01.CB12:1
XS1301
BG:0 C
A160,A:21
BG:0 C
A160,A:22
PH:1 D
A132,A:2
YH:0 D
1.4,A:7
YH:0 D
1.4,A:9
0.75 VT
0027
0.75 RD/GN
5005
1.5 RD
2038
1.5 RD
2100
1.5 YR
1.5 GN/R
0.75 BN
2.5 W
2.5 WH
A:1
A:2
A:3
A:4
A:9
0
1
2
3
A
B
C
D

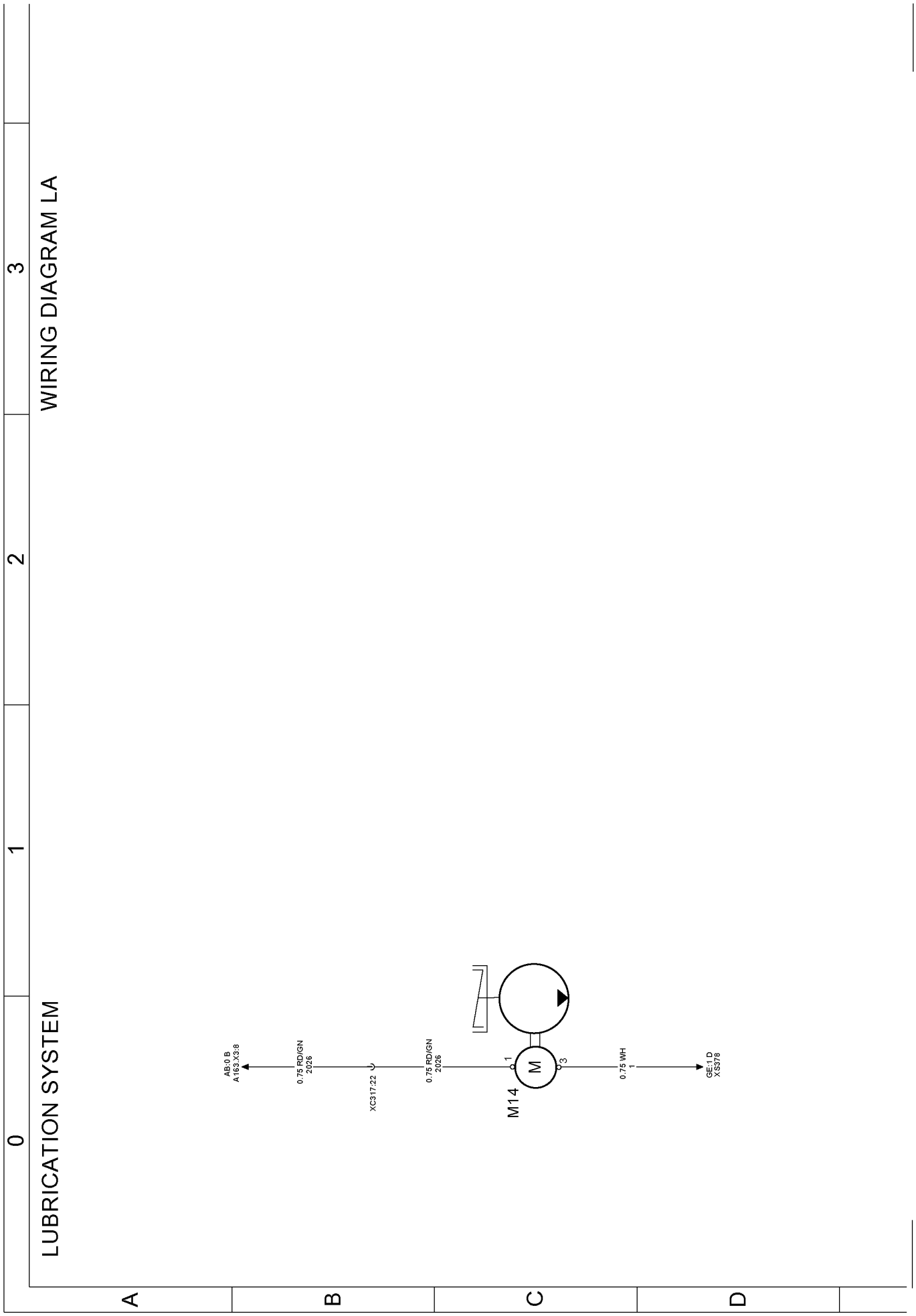
T3065595


SUN ROOF
SUN VISOR
WIRING DIAGRAM IU
0
1
2
3
A
B
C
D
FRC
F22
5A
IF4:B
A01:CB3:4
F52
15A
K03
Sunroof motor2
relay 20A
K04
Sunroof motor1
relay 20A
From
VMCU
VMCU
Backlight
M43
Motor, sun visor, front
M51
Motor,
Sun roof,
unit
S238
Switch,
Sun visor,
front
A01:CT1:26
A01:CT1:21
A01:CT1:24
A01:CT1:3
A01:CT1:4
XC124:20
XC124:19
0.75 WH/VT
2101
0.5 WH
1
0.5 WH/RD
6000
0.75 WH/BU
4160
0.75 BU
4159
1.5 VT
4158
1.5 RD/GN
4157
0.75 WH
1
YK:0 D
1.8.A.4
YK_RHD:0 D
1.8.A.4
VT SUNROOF MOTOR (M51)
PIN 1 2
Open + –
Close – +
MOTOR FRONT SUNVISOR
( M43 )
PIN 1 2
Down + –
Up – +
SUNVISOR MOTOR SWITCH (S238)
Switch Position Action
2 Up
0 Netural
1 Down

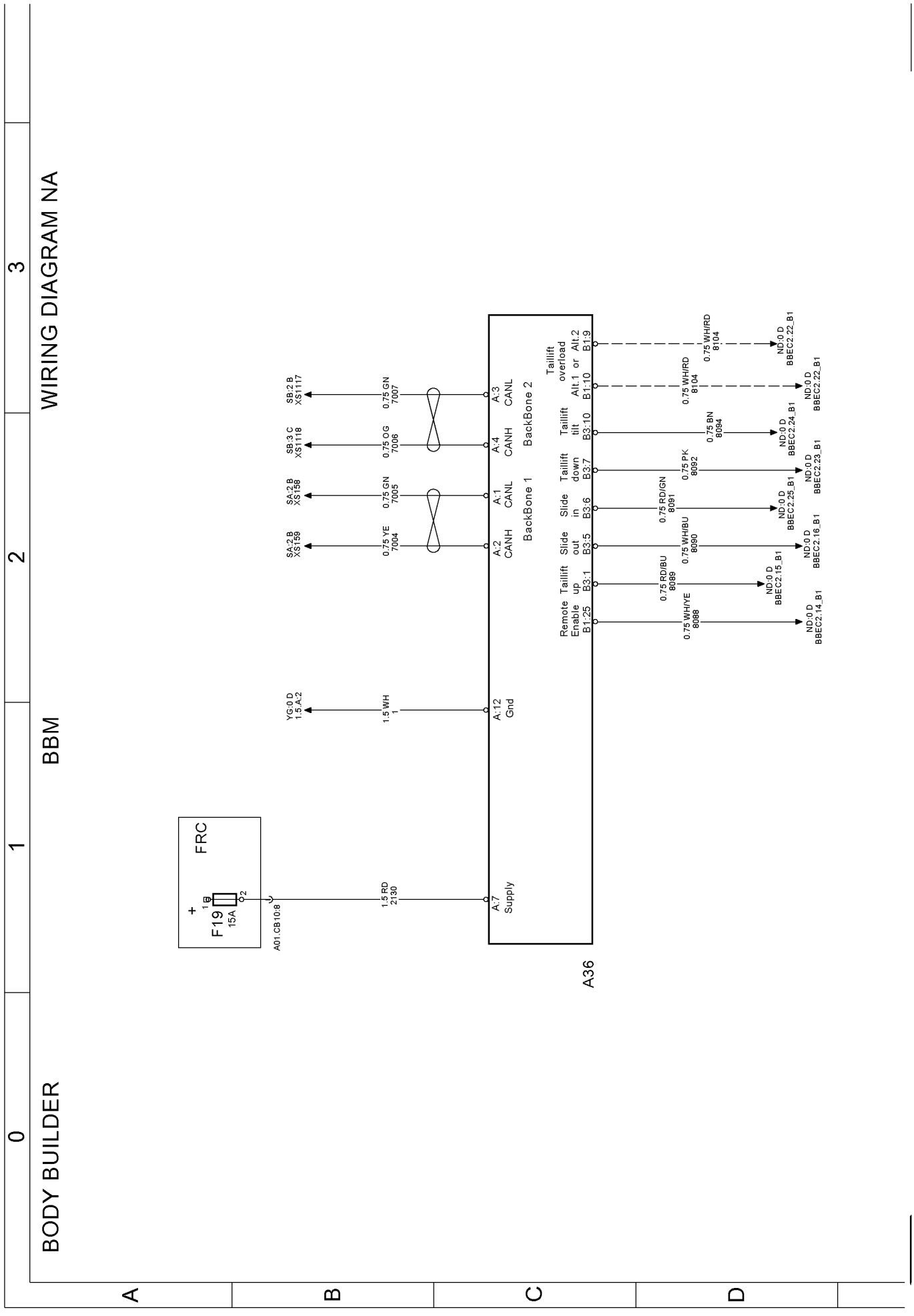
T3065596


CAB TILT
WIRING DIAGRAM KA
0
1
2
3
A
B
C
D
FRC
K28
Cab tilt pump
40A relay
F45
30A
From Cab tilt pump
relay ground in VMCU
A01:CB1:3
4.0 WH/YE
2131
XC201:2
XC301_2:2
M11
Motor, cab tilt pump
M11_RHD
Motor Cab tilt pump, (RHD)
YD:1.C
XS395
YD:2.C
XS352
S26B
Switch,
cab tilt pump,
chassis
A01:CB7:8
0.75 WH/BN
2139
XC213:2
XC213:1
0.75 BU
0018
BE:0.B
A187:CN2:13
S52L
S52R
0.75 RD/GY
0016
0.75 GY
0017
0.75 WH
1070
XC130:14
XC130:15
BE:0.B
A187:CN2:17
BE:0.B
A187:CN2:18

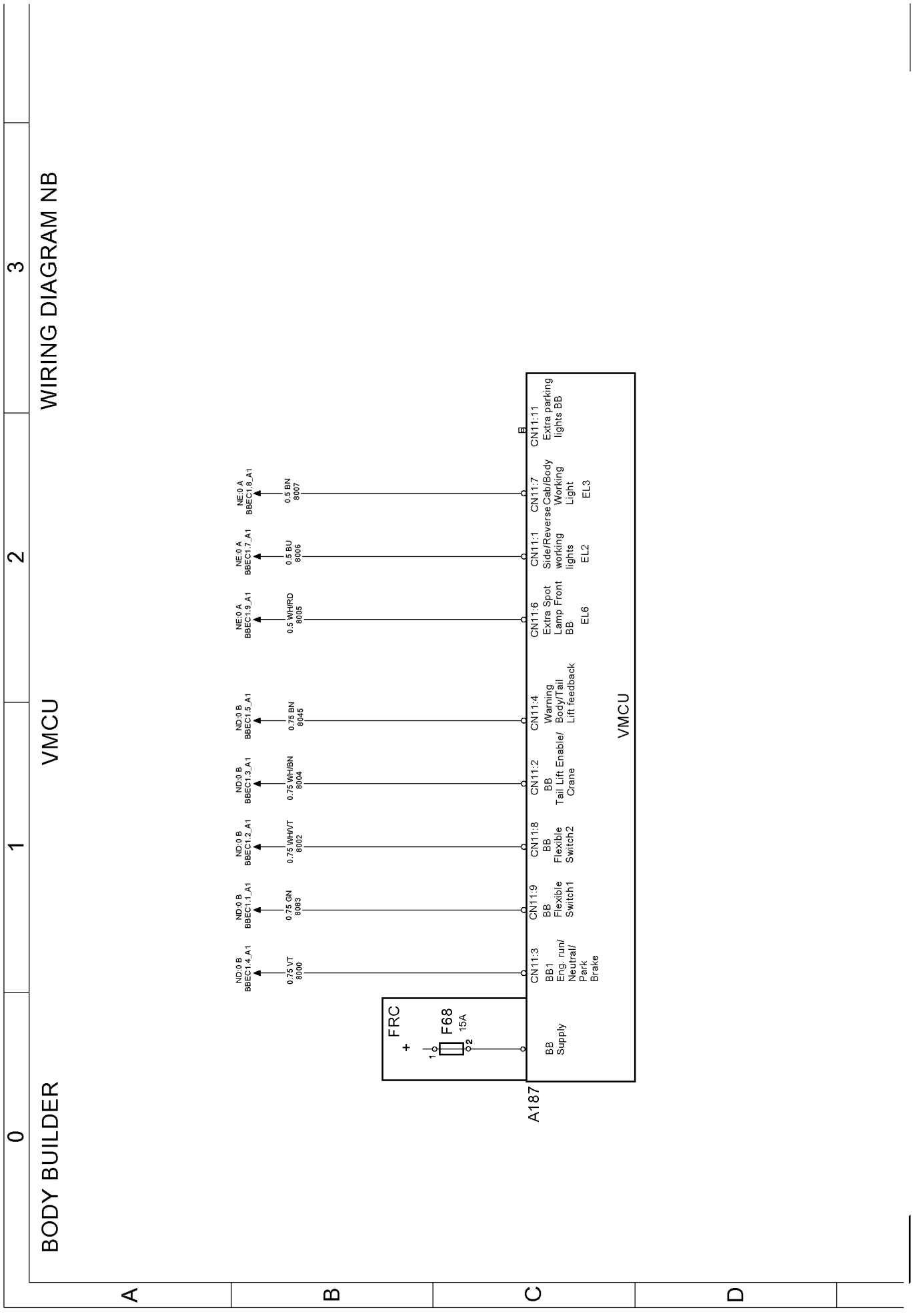
https://truckmanualshub.com/




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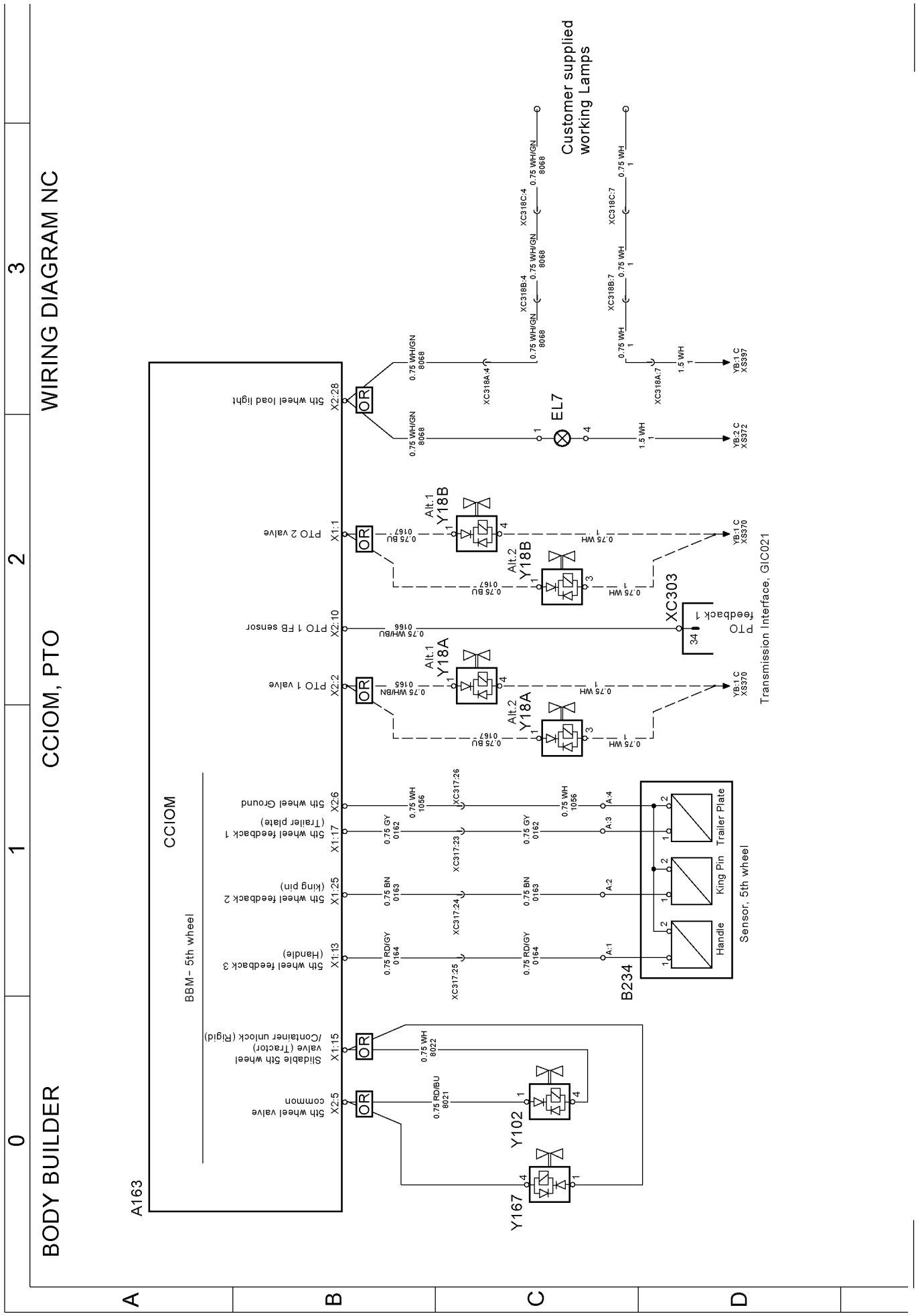

BODY BUILDER
BBM
WIRING DIAGRAM NA
0
1
2
3
A
B
C
D
FRC
F19
15A
A01:CB10:8
1.5 RD
2130
YG:0 D
1.5 A:2
1.5 WH
1
A:12
Gnd
A:7
Supply
SA:2 B
XS159
SA:2 B
XS158
SB:3 C
XS1118
SB:2 B
XS1117
0.75 YE
7004
0.75 GN
7005
0.75 OG
7006
0.75 GN
7007
A:2
CANH
A:1
CANL
A:4
CANH
A:3
CANL
BackBone 1
BackBone 2
A36
Remote Enable B1:25
Taillift up B3:1
Slide out B3:5
Slide in B3:6
Taillift down B3:7
Taillift tilt B3:10
Taillift Alt.1 or Alt.2 B1:10
Taillift overload B1:9
0.75 RD/BU
8089
0.75 WH/YE
8088
0.75 WH/BU
8090
0.75 RD/GN
8091
0.75 PK
8092
0.75 BN
8094
0.75 WH/RD
8104
0.75 WH/RD
8104
ND:0 D
BBEC2.14_B1
ND:0 D
BBEC2.15_B1
ND:0 D
BBEC2.16_B1
ND:0 D
BBEC2.25_B1
ND:0 D
BBEC2.24_B1
ND:0 D
BBEC2.23_B1
ND:0 D
BBEC2.22_B1
ND:0 D
BBEC2.22_B1

T3081419


BODY BUILDER
VMCU
WIRING DIAGRAM NB
0
1
2
3
A
B
C
D
A187
VMCU
FRC
F68
15A
BB Supply
CN11:3 BB1 Eng. run/ Neutral/ Park Brake
CN11:9 BB Flexible Switch1
CN11:8 BB Flexible Switch2
CN11:2 BB Tail Lift Enable/ Crane
CN11:4 Warning Body/Tail Lift feedback
CN11:6 Extra Spot Lamp Front BB EL6
CN11:1 Side/Reverse working lights EL2
CN11:7 Cab/Body Working Light EL3
CN11:11 Extra parking lights BB
ND:0 B BBEC1.4_A1
ND:0 B BBEC1.1_A1
ND:0 B BBEC1.2_A1
ND:0 B BBEC1.3_A1
ND:0 B BBEC1.5_A1
NE:0 A BBEC1.9_A1
NE:0 A BBEC1.7_A1
NE:0 A BBEC1.8_A1
0.75 VT 8000
0.75 GN 8083
0.75 WH/VT 8002
0.75 WH/BN 8004
0.75 BN 8045
0.5 WH/RD 8005
0.5 BU 8006
0.5 BN 8007

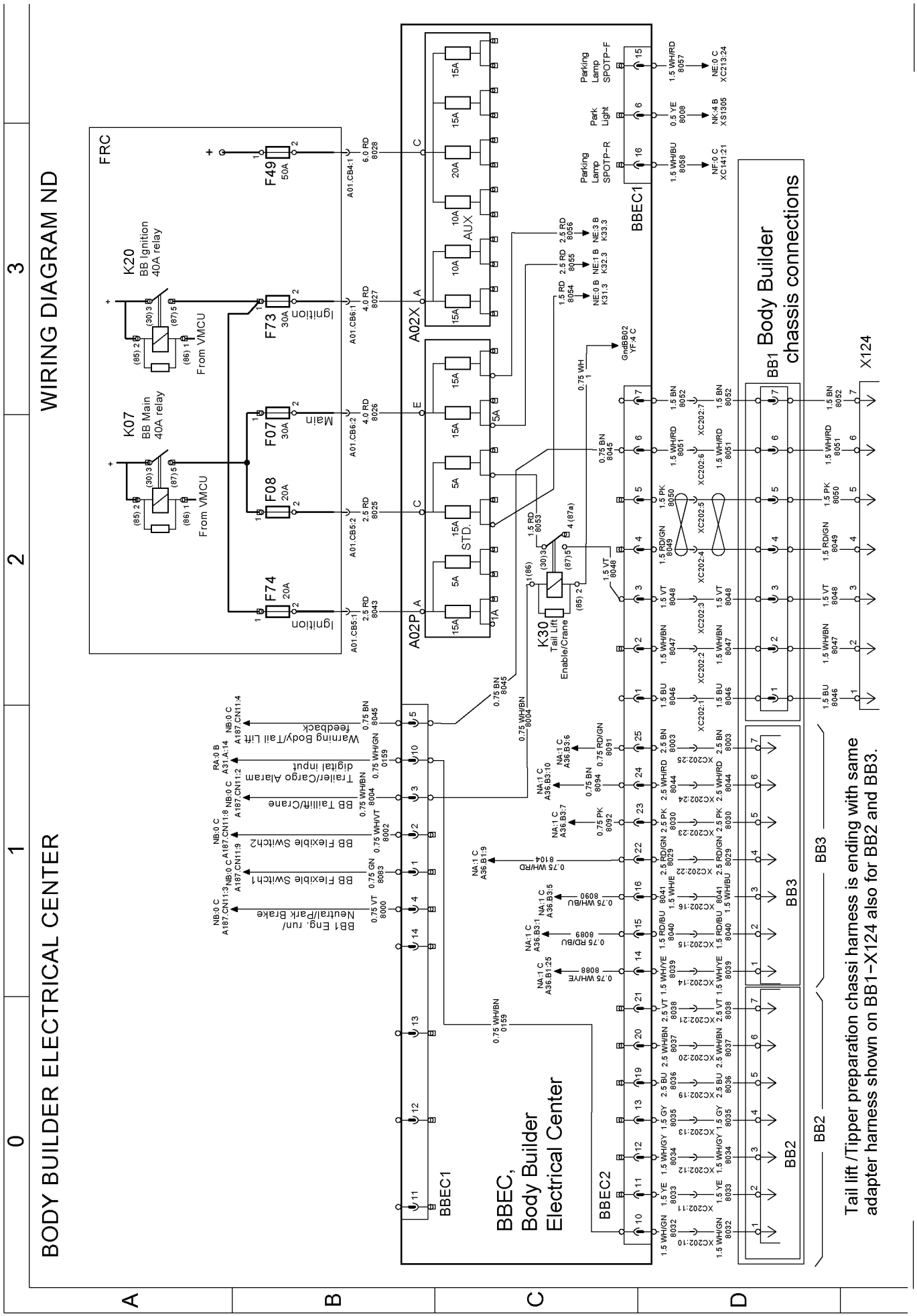
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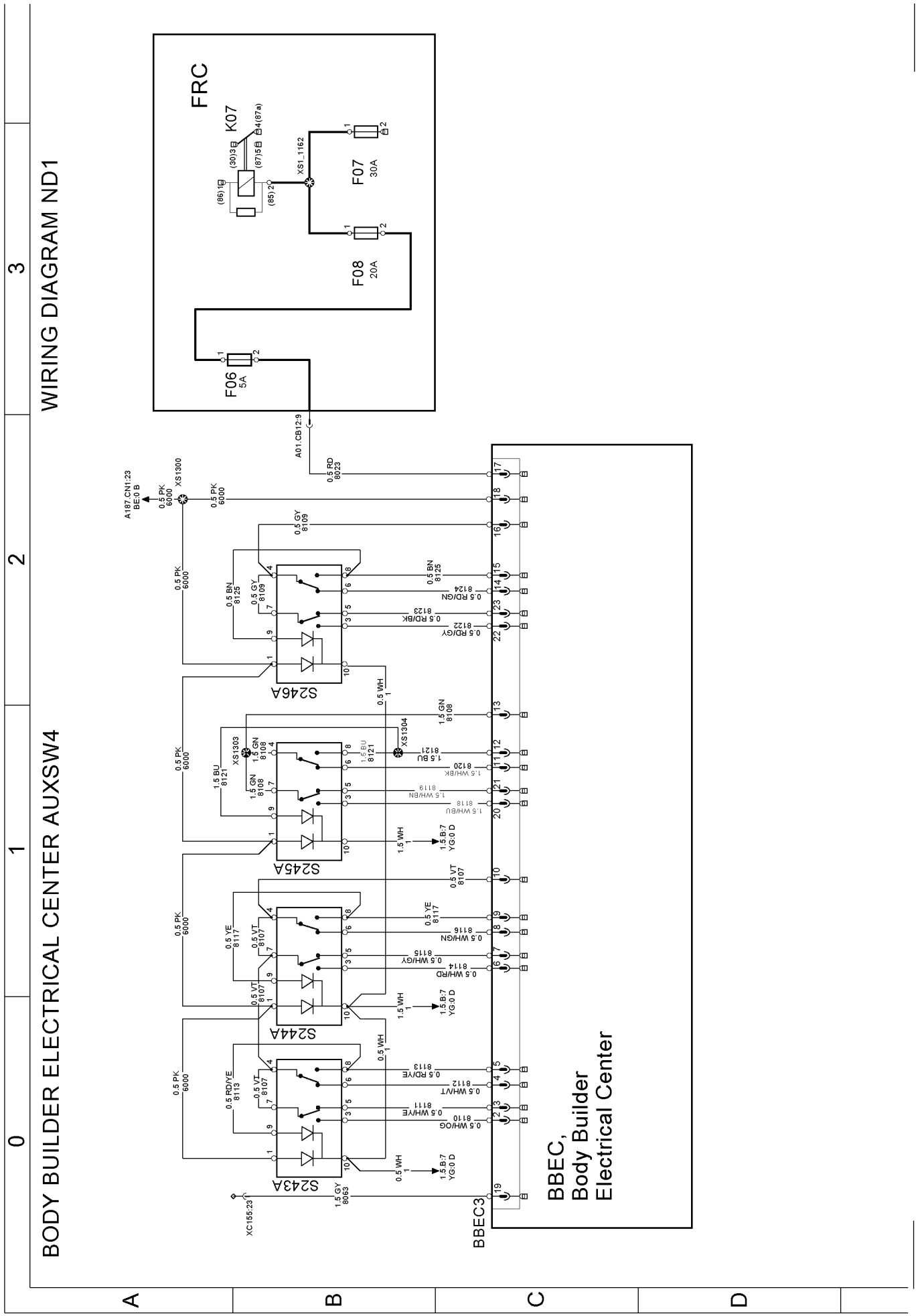


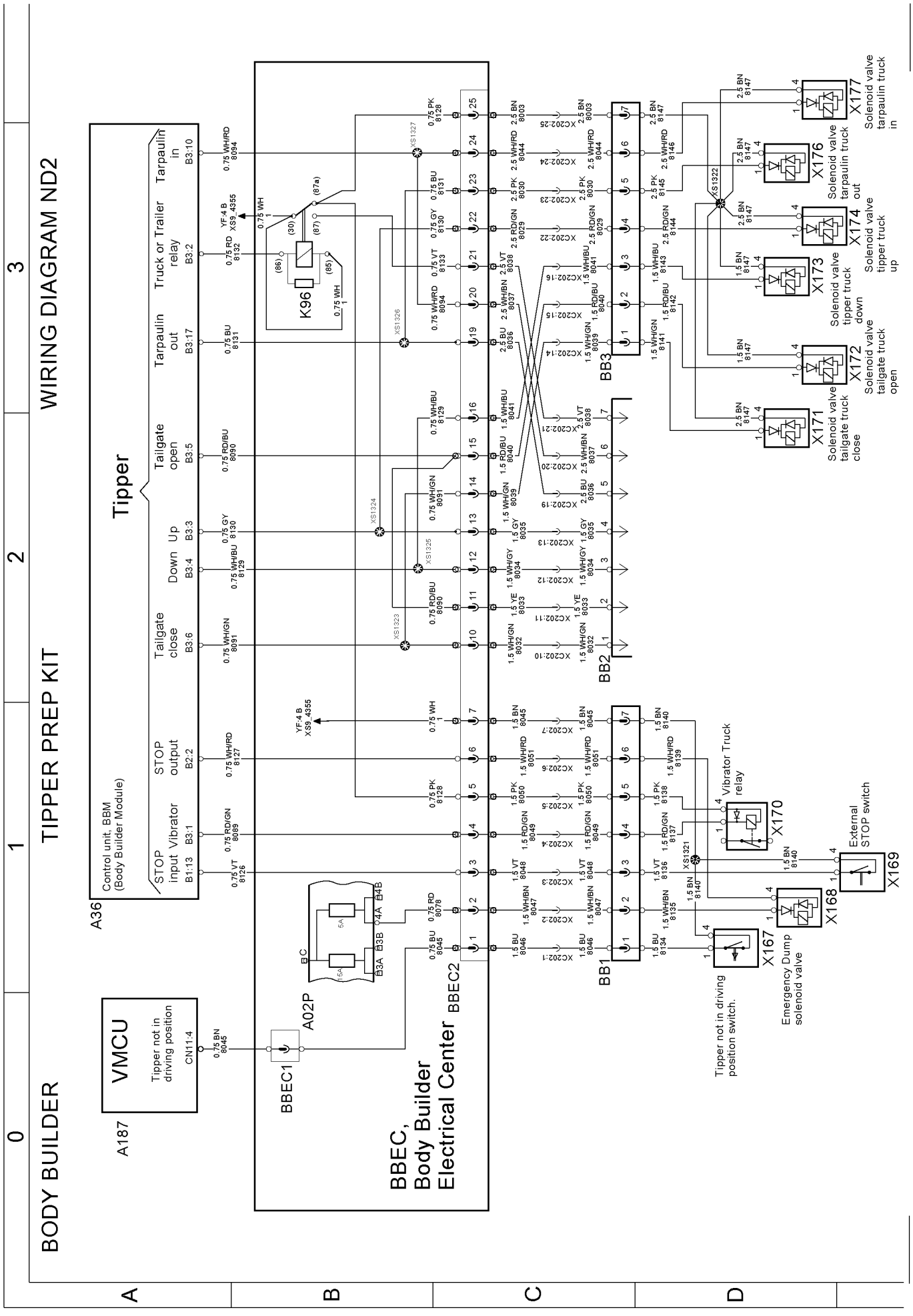

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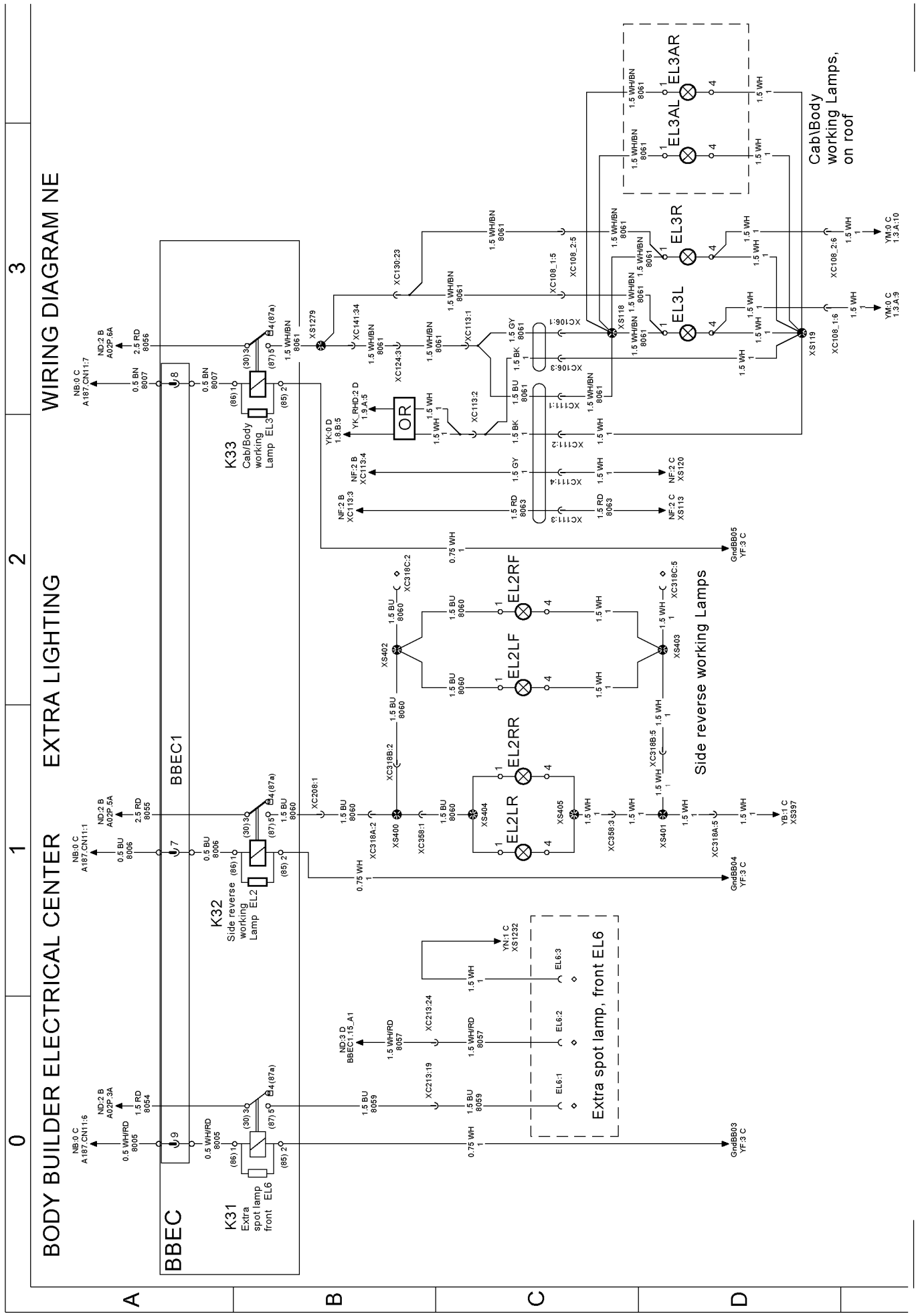


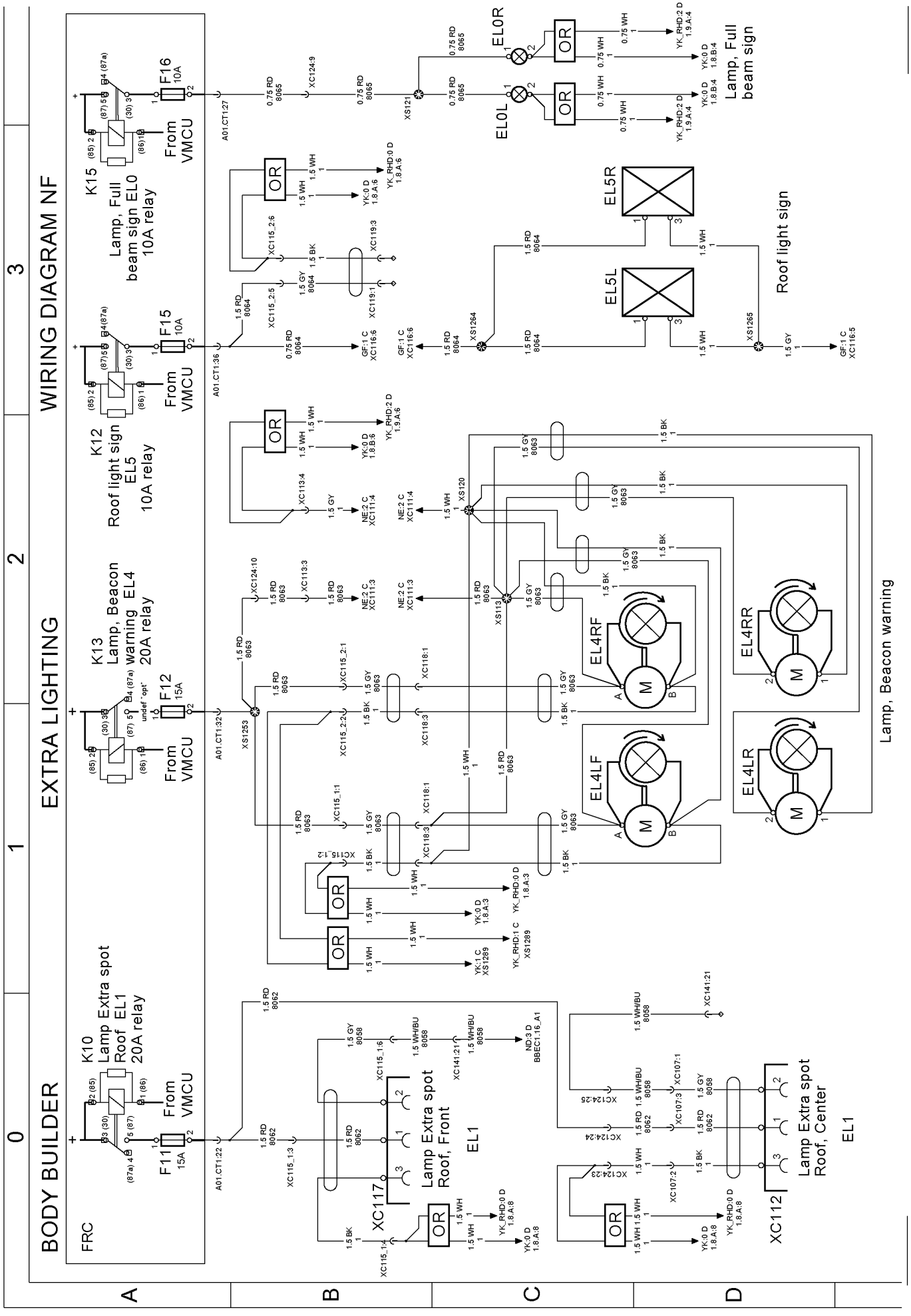

T3086435


WIRING DIAGRAM ND1
BODY BUILDER ELECTRICAL CENTER AUXSW4
FRC
K07
F06 5A
F07 30A
F08 20A
XS1_1162
A01.CB12:9
0.5 RD 8023
A187.CN1:23
XS1300
S246A
S245A
S244A
S243A
XS1303
XS1304
BBEC3
BBEC, Body Builder Electrical Center
XC155:23

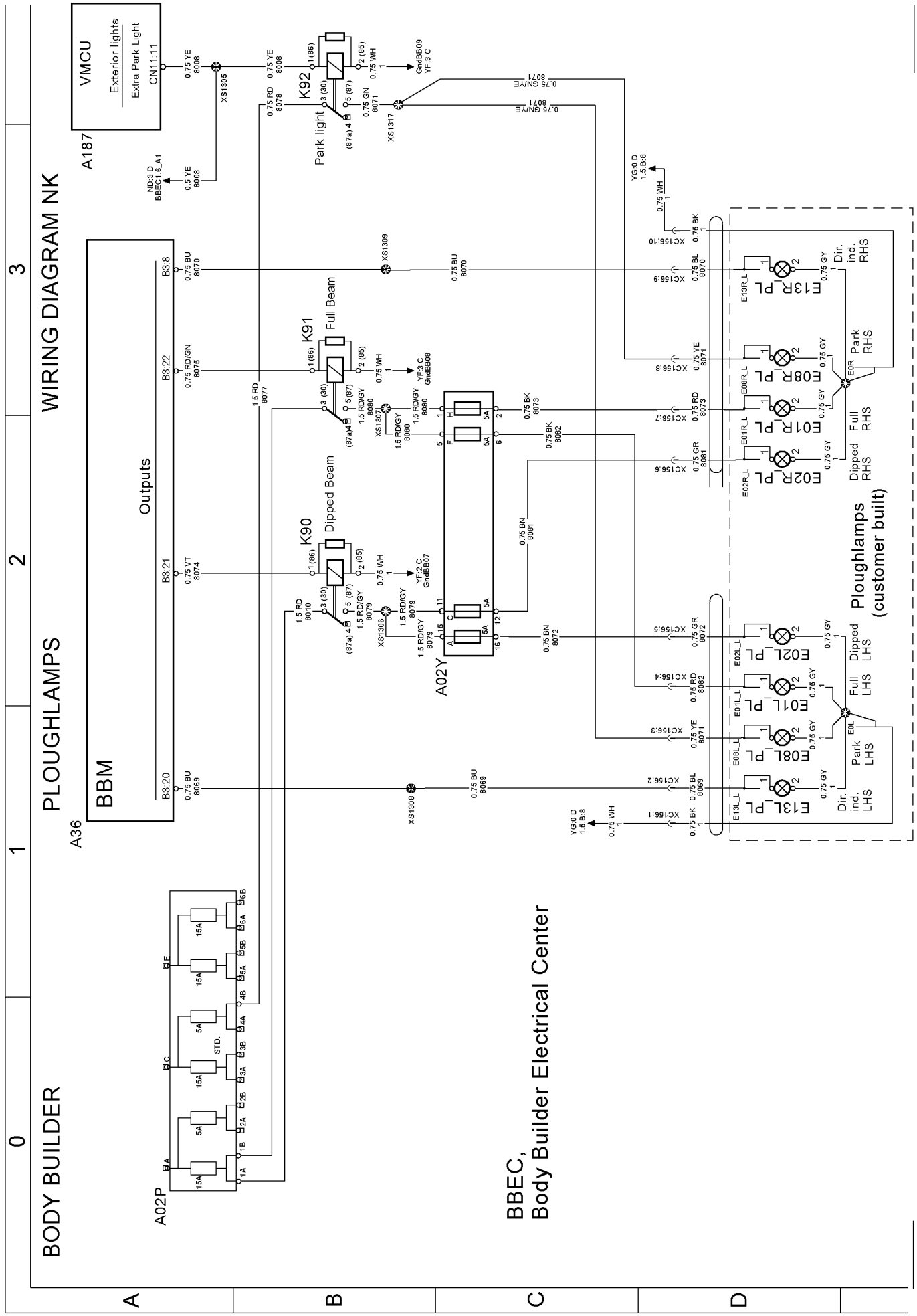

BODY BUILDER
TIPPER PREP KIT
WIRING DIAGRAM ND2
Tipper
Control unit, BBM
(Body Builder Module)
A36
STOP input
Vibrator
STOP output
Tailgate close
Tailgate open
Tarpaulin out
Truck or Trailer relay
Tarpaulin in
VMCU
A187
Tipper not in driving position
CN11:4
BBEC1
A02P
BBEC, Body Builder Electrical Center
BBEC2
K96
BB1
BB2
BB3
Vibrator Truck relay
X170
Tipper not in driving position switch.
X167
Emergency Dump solenoid valve
X168
External STOP switch
X169
Solenoid valve tailgate truck close
X171
Solenoid valve tailgate truck open
X172
Solenoid valve tipper truck down
X173
Solenoid valve tipper truck up
X174
Solenoid valve tarpaulin truck out
X176
Solenoid valve tarpaulin truck in
X177

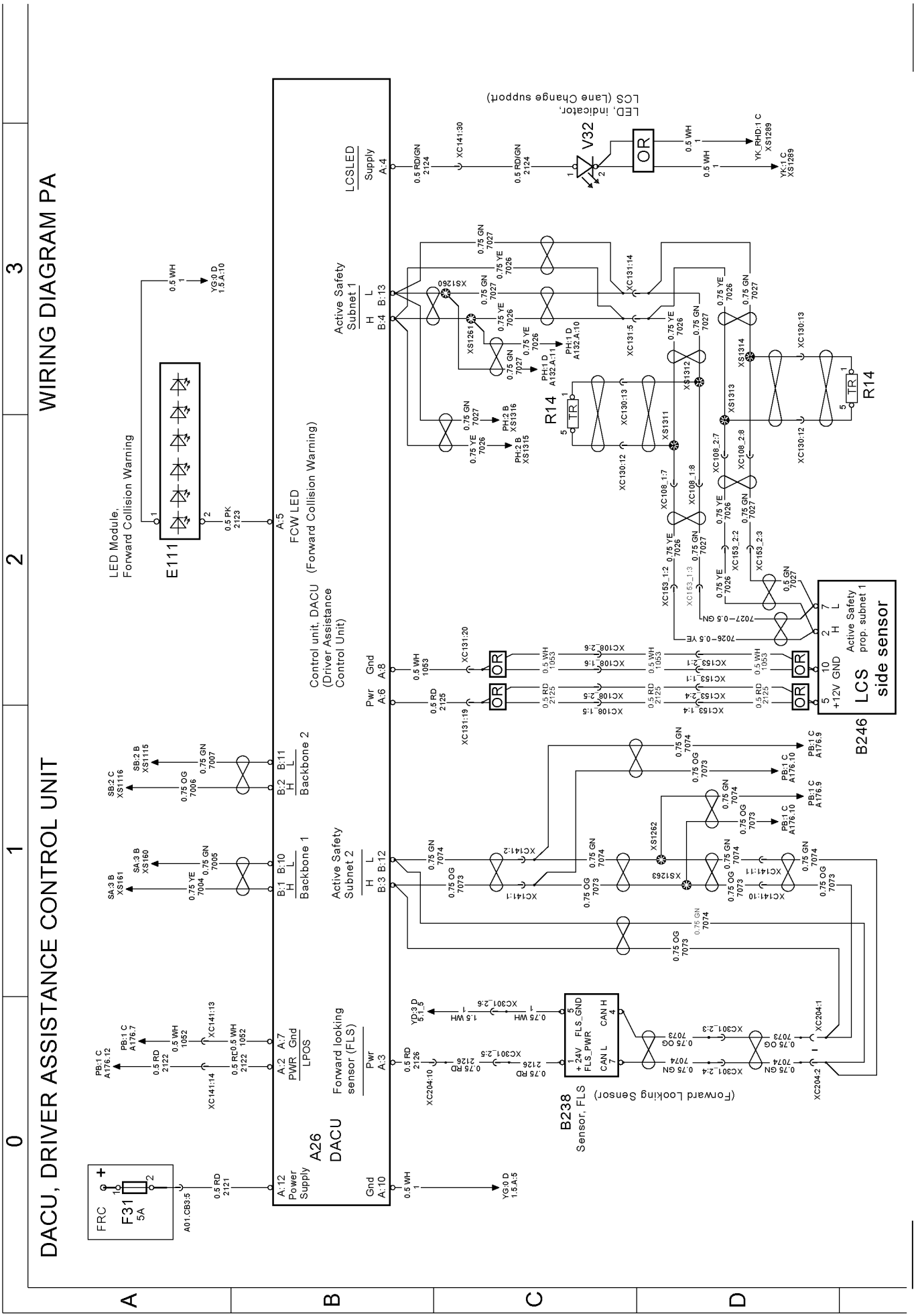
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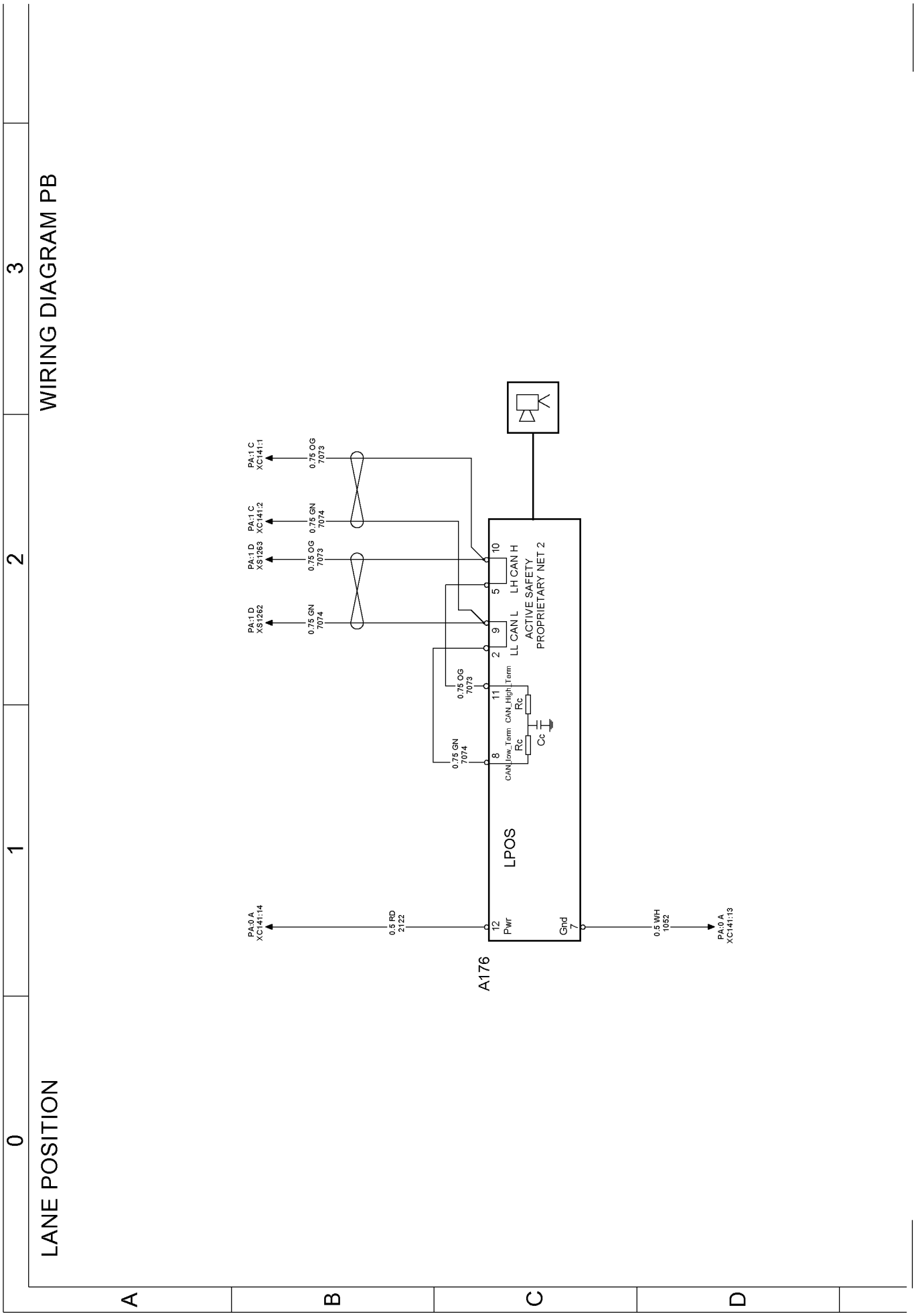

BODY BUILDER ELECTRICAL CENTER
EXTRA LIGHTING
WIRING DIAGRAM NE
BBEC
BBEC1
K31
Extra spot lamp front EL6
K32
Side reverse working Lamp EL2
K33
Cab/Body working Lamp EL3
Extra spot lamp, front EL6
Side reverse working Lamps
Cab\Body working Lamps, on roof
EL6:1
EL6:2
EL6:3
EL2LR
EL2RR
EL2LF
EL2RF
EL3L
EL3R
EL3AL
EL3AR
OR
XS400
XS401
XS402
XS403
XS404
XS405
XS1279
XS119
XC208:1
XC318A:2
XC318A:5
XC318B:2
XC318B:5
XC318C:2
XC318C:5
XC358:1
XC358:3
XC213:19
XC213:24
XC124:3
XC130:23
XC141:34
XC113:1
XC113:2
XC113:3
XC113:4
XC106:1
XC106:3
XC108_1:5
XC108_2:5
XC108_1:6
XC108_2:6
XS118
XS120
XS113
NB:0 C A187.CN11:1
NB:0 C A187.CN11:6
NB:0 C A187.CN11:7
ND:2 B A02P.3A
ND:2 B A02P.5A
ND:2 B A02P.6A
ND:3 D BBEC1.15_A1
NF:2 B XC113:3
NF:2 B XC113:4
NF:2 C XS113
NF:2 C XS120
YK:0 D 1.8:B:5
YK_RHD:2 D 1.9:A:5
YM:0 C 1.3:A:9
YM:0 C 1.3:A:10
YN:1 C XS1232
YB:1 C XS397
GndBB03 YF:3 C
GndBB04 YF:3 C
GndBB05 YF:3 C
0.5 WH/RD 8005
0.5 BU 8006
0.5 BN 8007
1.5 RD 8054
2.5 RD 8055
2.5 RD 8056
1.5 BU 8059
1.5 BU 8060
1.5 WH/RD 8057
1.5 WH/BN 8061
1.5 RD 8063
0.75 WH
1.5 WH
1.5 BK
1.5 GY
1.5 BU 8061
(66) 1
(30) 3
(87) 5
4 (87a)
(85) 2
J9
J7
J8
A
B
C
D
0
1
2
3


BODY BUILDER
EXTRA LIGHTING
WIRING DIAGRAM NF
FRC
K10 Lamp Extra spot Roof EL1 20A relay
From VMCU
F11 15A
K13 Lamp, Beacon warning EL4 20A relay
F12 15A
K12 Roof light sign EL5 10A relay
F15 10A
K15 Lamp, Full beam sign EL0 10A relay
F16 10A
Lamp Extra spot Roof, Front EL1
XC117
Lamp Extra spot Roof, Center EL1
XC112
EL4LF
EL4RF
EL4LR
EL4RR
EL5L
EL5R
EL0L
EL0R
Lamp, Beacon warning
Roof light sign
Lamp, Full beam sign
OR

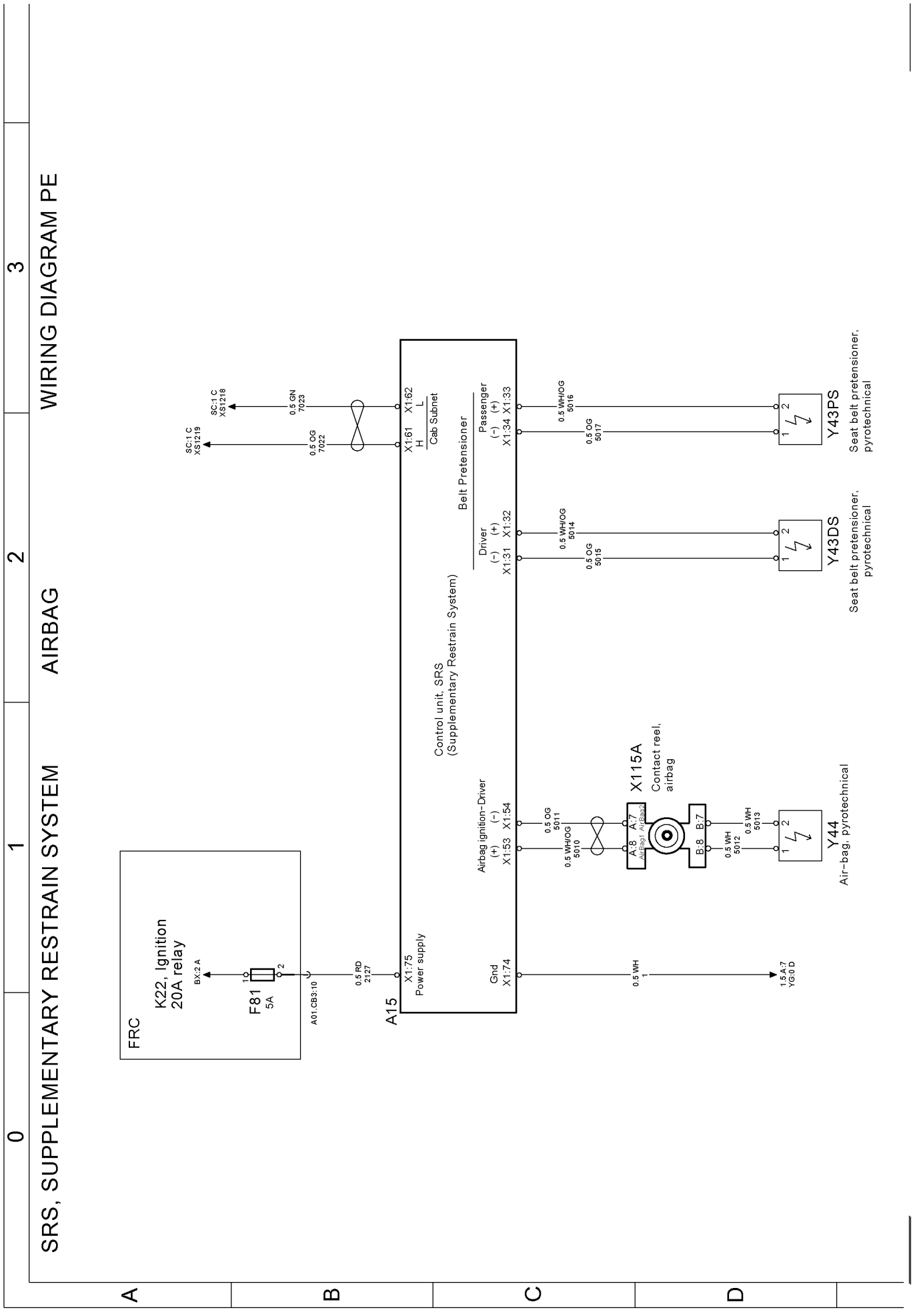
T3065603

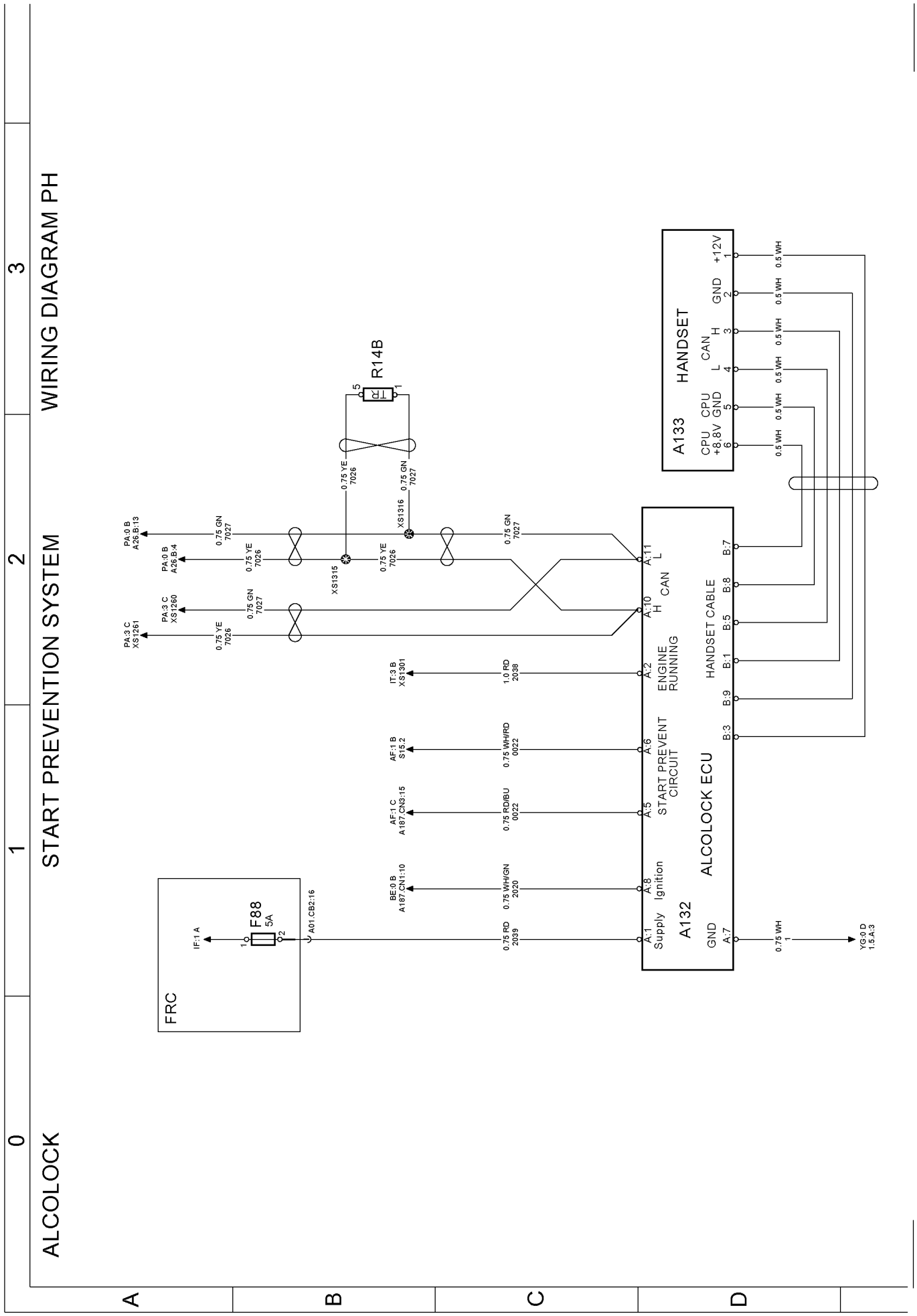

BODY BUILDER
PLOUGHLAMPS
WIRING DIAGRAM NK
A36
BBM
Outputs
B3:8
B3:22
B3:21
B3:20
A187
VMCU
Exterior lights
Extra Park Light
CN11:11
K92
Park light
K91
Full Beam
K90
Dipped Beam
A02Y
A02P
STD.
BBEC,
Body Builder Electrical Center
Ploughlamps
(customer built)
E13R
E08R
E01R
E02R
E02L
E01L
E08L
E13L
Dir. ind. RHS
Park RHS
Full RHS
Dipped RHS
Dipped LHS
Full LHS
Park LHS
Dir. ind. LHS
XS1305
XS1309
XS1317
XS1307
XS1306
XS1308
GndBB09
GndBB08
GndBB07
YF:3 C
YF:2 C
ND:3 D
BBEC1.6_A1
YG:0 D
1.5 B:8


DACU, DRIVER ASSISTANCE CONTROL UNIT
WIRING DIAGRAM PA
A26 DACU
B238 Sensor, FLS (Forward Looking Sensor)
B246 LCS side sensor
E111 LED Module, Forward Collision Warning
R14
V32 LED, indicator, LCS (Lane Change support)
Control unit, DACU (Driver Assistance Control Unit)
FCW LED (Forward Collision Warning)
Active Safety Subnet 1
Active Safety Subnet 2
Forward looking sensor (FLS)
Backbone 1
Backbone 2
LCSLED
Power Supply
PWR Gnd
LPOS
Pwr
Gnd
Supply
FRC
F31 5A
A01.CB3.5
0.5 RD 2121
0.5 WH 1053
0.5 RD 2125
0.5 RD 2122
0.5 WH 1052
0.5 RD 2126
0.5 RD/GN 2124
0.5 PK 2123
0.5 WH 1
0.75 YE 7004
0.75 YE 7026
0.75 GN 7005
0.75 GN 7027
0.75 OG 7006
0.75 GN 7007
0.75 OG 7073
0.75 GN 7074
0.5 OG 7073-0.5 GN
7027-0.5 GN
7026-0.5 YE
YG:0 D 1.5 A:10
YG:0 D 1.5 A:15
YD:3 D 1.5
YK_RHD:1 C XS1289
YK:1 C XS1289
PB:1 C A176.12
PB:1 C A176.7
PB:1 C A176.10
PB:1 C A176.9
SA:3 B XS161
SA:3 B XS160
SB:2 C XS1116
SB:2 B XS1115
PH:1 D A132.A:11
PH:2 B XS1316
PH:2 B XS1315
XS1260
XS1261
XS1262
XS1263
XS1311
XS1312
XS1313
XS1314
XC108_1:5
XC108_1:6
XC108_2:5
XC108_2:6
XC153_1:1
XC153_1:2
XC153_1:3
XC153_1:4
XC153_2:1
XC153_2:2
XC153_2:3
XC204:1
XC204:2
XC204:10
XC301_2:3
XC301_2:4
XC301_2:5
XC301_2:6
XC130:12
XC130:13
XC130:20
XC131:19
XC131:20
XC131:30
XC141:1
XC141:2
XC141:10
XC141:11
XC141:13
XC141:14
A:12 Power Supply
A:2 PWR
A:7 Gnd
B:1 B:10
B:2 B:11
B:3 B:12
A:10 Gnd
A:6 Pwr
A:8 Gnd
A:5 FCW LED
B:4 B:13
A:4 Supply
A:3 Pwr
+24V FLS_PWR
FLS_GND
CAN L
CAN H
+12V GND
Active Safety prop. subnet 1
OR
TR

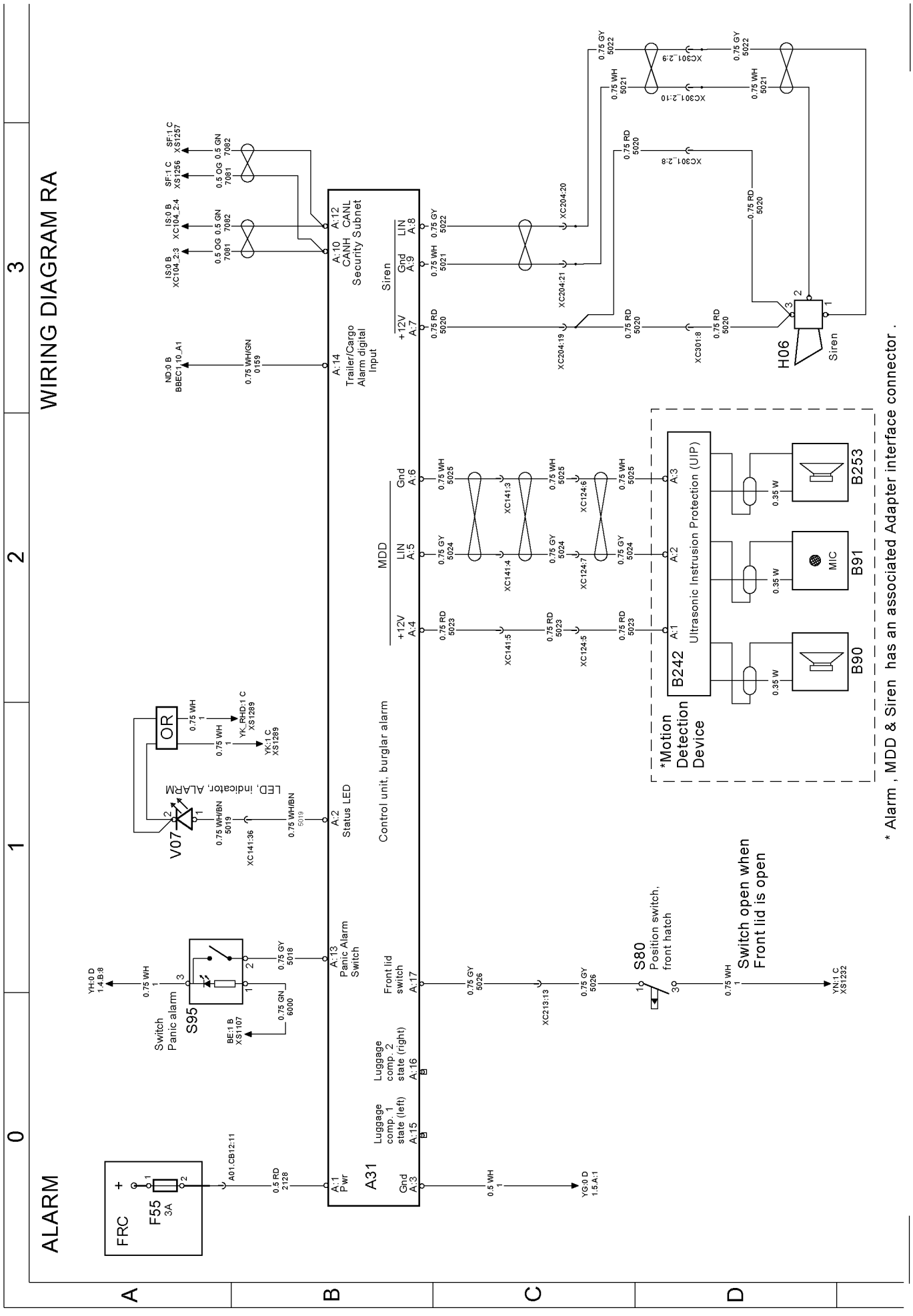

WIRING DIAGRAM PB
LANE POSITION
0
1
2
3
A
B
C
D
A176
LPOS
LL CAN L
LH CAN H
ACTIVE SAFETY
PROPRIETARY NET 2
CAN_Low_Term
CAN_High_Term
Rc
Cc
Pwr
Gnd
12
7
9
5
10
2
11
8
PA:0 A
XC141:14
0.5 RD
2122
0.5 WH
1052
PA:0 A
XC141:13
PA:1 C
XC141:1
0.75 OG
7073
PA:1 C
XC141:2
0.75 GN
7074
PA:1 D
XS1263
PA:1 D
XS1262

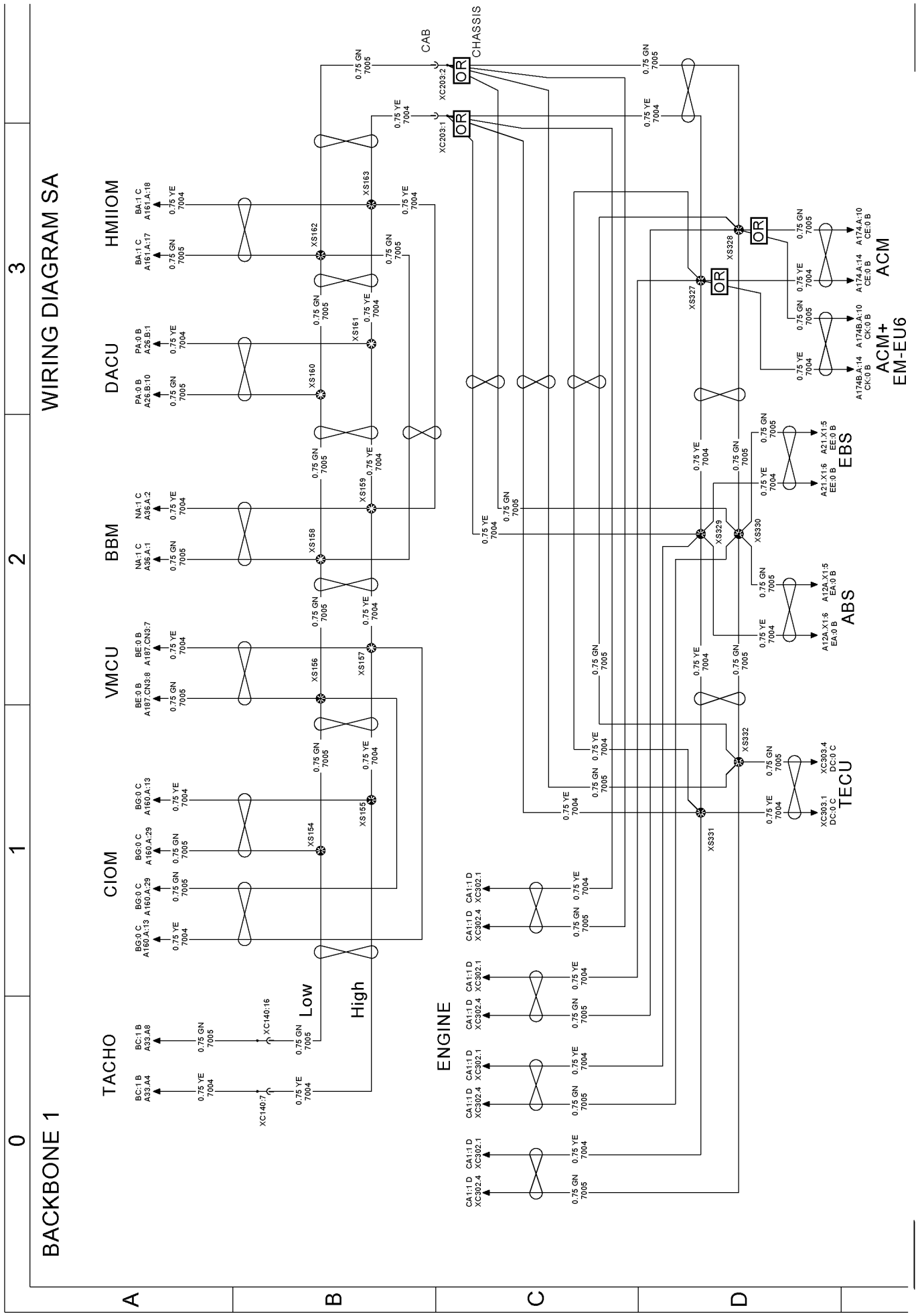
T3065614


SRS, SUPPLEMENTARY RESTRAIN SYSTEM
AIRBAG
WIRING DIAGRAM PE
FRC
K22, Ignition 20A relay
BX:2 A
F81 5A
A01:CB3:10
0.5 RD 2127
A15
X1:75 Power supply
Gnd X1:74
Control unit, SRS (Supplementary Restrain System)
Airbag ignition-Driver (+) (-) X1:53 X1:54
Belt Pretensioner
Driver (-) (+) X1:31 X1:32
Passenger (-) (+) X1:34 X1:33
X1:61 H
X1:62 L
Cab Subnet
SC:1 C XS1219
SC:1 C XS1218
0.5 GN 7023
0.5 OG 7022
0.5 OG 5011
0.5 WH/OG 5010
0.5 WH/OG 5014
0.5 OG 5015
0.5 WH/OG 5016
0.5 OG 5017
0.5 WH 5012
0.5 WH 5013
0.5 WH 1
1.5 A:7 YG:0 D
A:8 A:7 AirBag1 AirBag2
B:8 B:7
X115A
Contact reel, airbag
Y44
Air-bag, pyrotechnical
Y43DS
Seat belt pretensioner, pyrotechnical
Y43PS
Seat belt pretensioner, pyrotechnical
T3065606

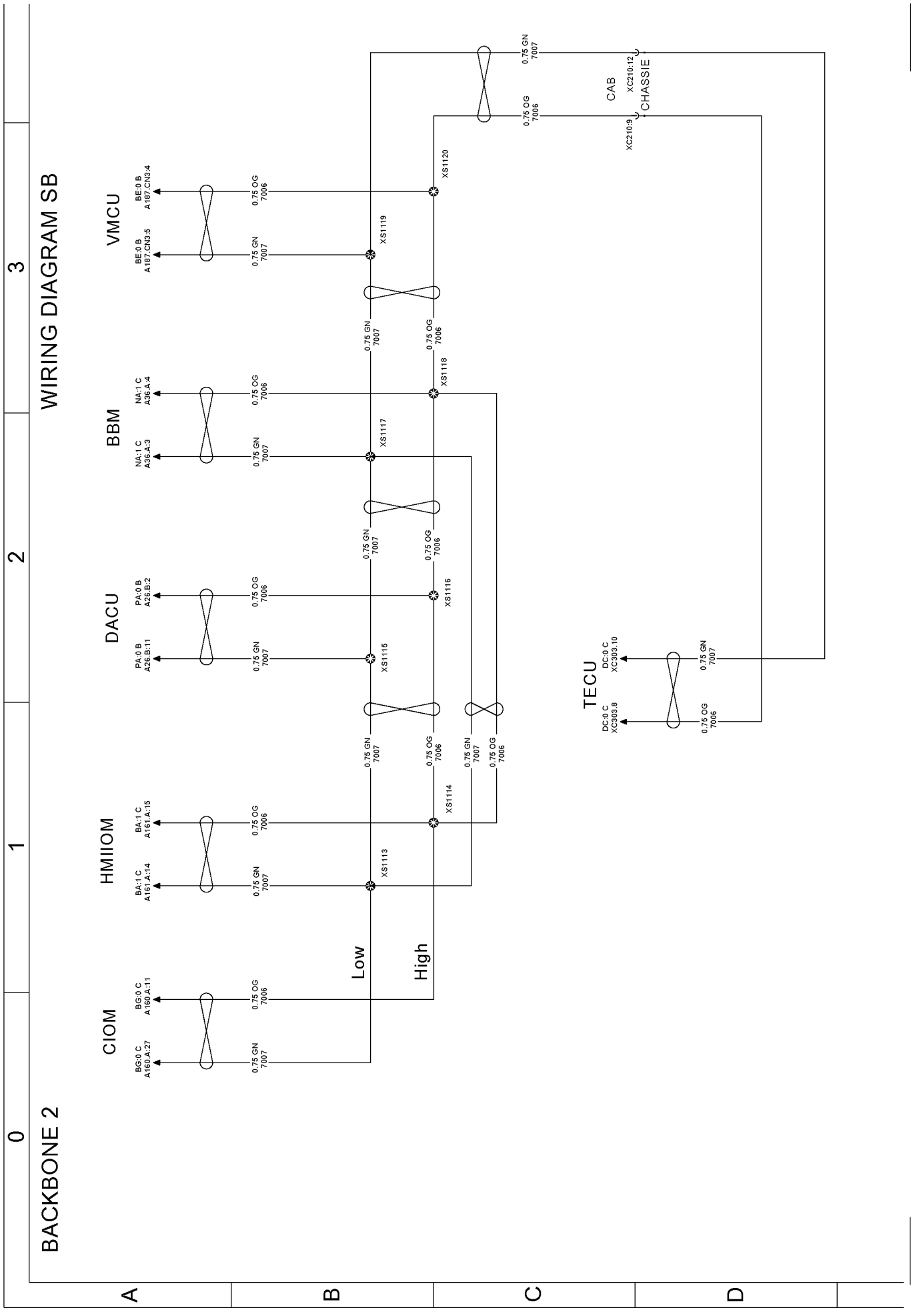

ALCOLOCK
START PREVENTION SYSTEM
WIRING DIAGRAM PH
FRC
F88
5A
A01.CB2:16
A132
ALCOLOCK ECU
GND
Supply
Ignition
START PREVENT CIRCUIT
ENGINE RUNNING
CAN L
CAN H
HANDSET CABLE
A133
HANDSET
CPU +8.8V
CPU GND
CAN L
CAN H
GND
+12V
R14B
XS1315
XS1316
0.75 RD 2039
0.75 WH/GN 2020
0.75 RD/BU 0022
0.75 WH/RD 0022
1.0 RD 2038
0.75 YE 7026
0.75 GN 7027
0.5 WH
0.75 WH 1
YG:0 D 1.5:A:3

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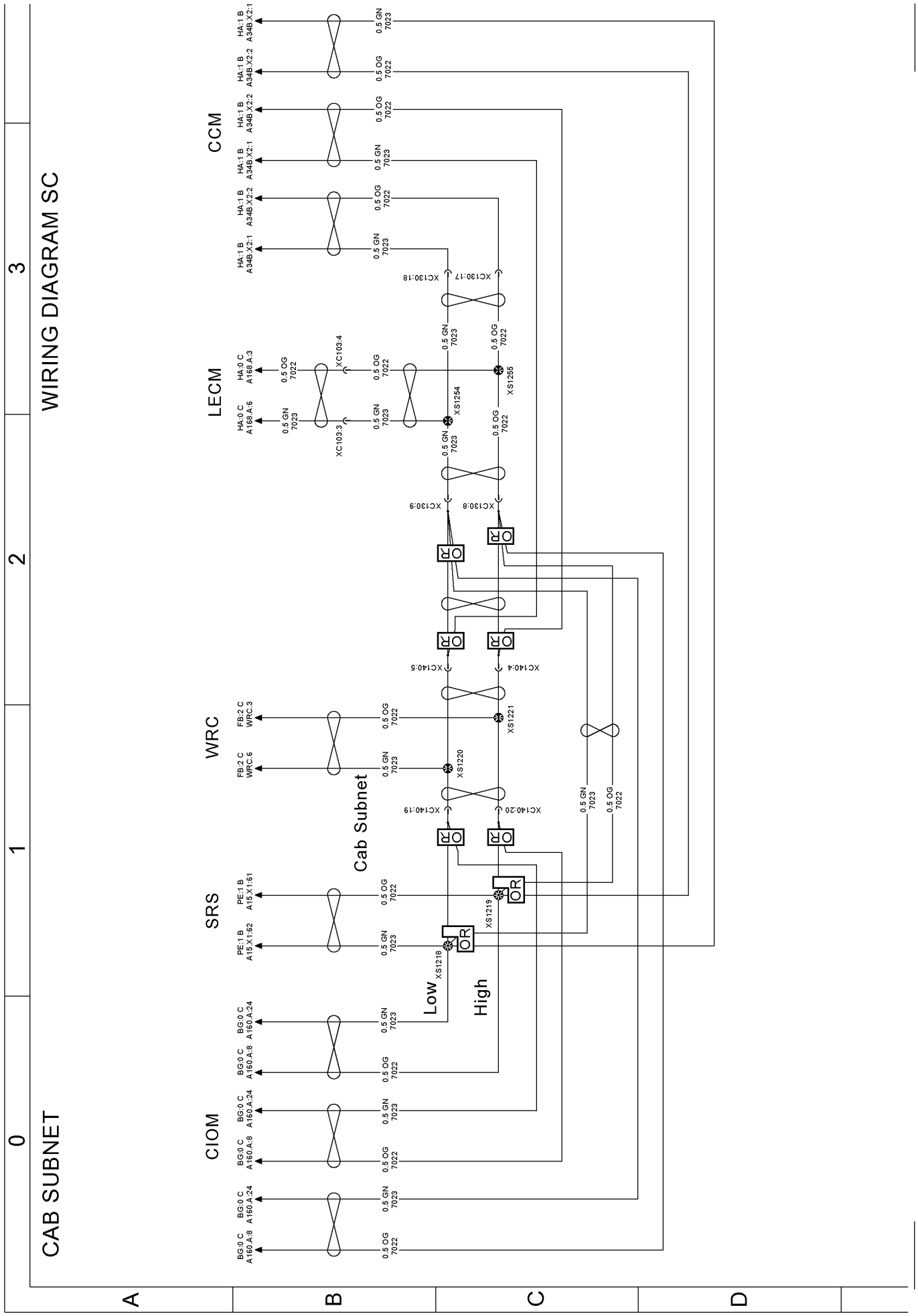

WIRING DIAGRAM RA
ALARM
0
1
2
3
A
B
C
D
FRC
F55
3A
A01.CB12:11
0.5 RD
2128
A31
A:1
Pwr
Gnd
A:3
Luggage comp. 1 state (left)
A:15
Luggage comp. 2 state (right)
A:16
Front lid switch
A:17
A:13
Panic Alarm Switch
A:2
Status LED
Control unit, burglar alarm
A:14
Trailer/Cargo Alarm digital Input
A:10
CANH CANL
A:12
Security Subnet
Siren
+12V
A:7
Gnd
A:9
LIN
A:8
MDD
+12V
A:4
LIN
A:5
Gnd
A:6
Switch Panic alarm
S95
S80
Position switch, front hatch
Switch open when Front lid is open
LED, indicator, ALARM
V07
OR
H06
Siren
*Motion Detection Device
B242
Ultrasonic Instrusion Protection (UIP)
B90
B91
MIC
B253
* Alarm , MDD & Siren has an associated Adapter interface connector .


WIRING DIAGRAM SA
BACKBONE 1
TACHO
CIOM
VMCU
BBM
DACU
HMIIOM
ENGINE
CAB
CHASSIS
Low
High
EBS
ABS
TECU
ACM
ACM+
EM-EU6

T3086468

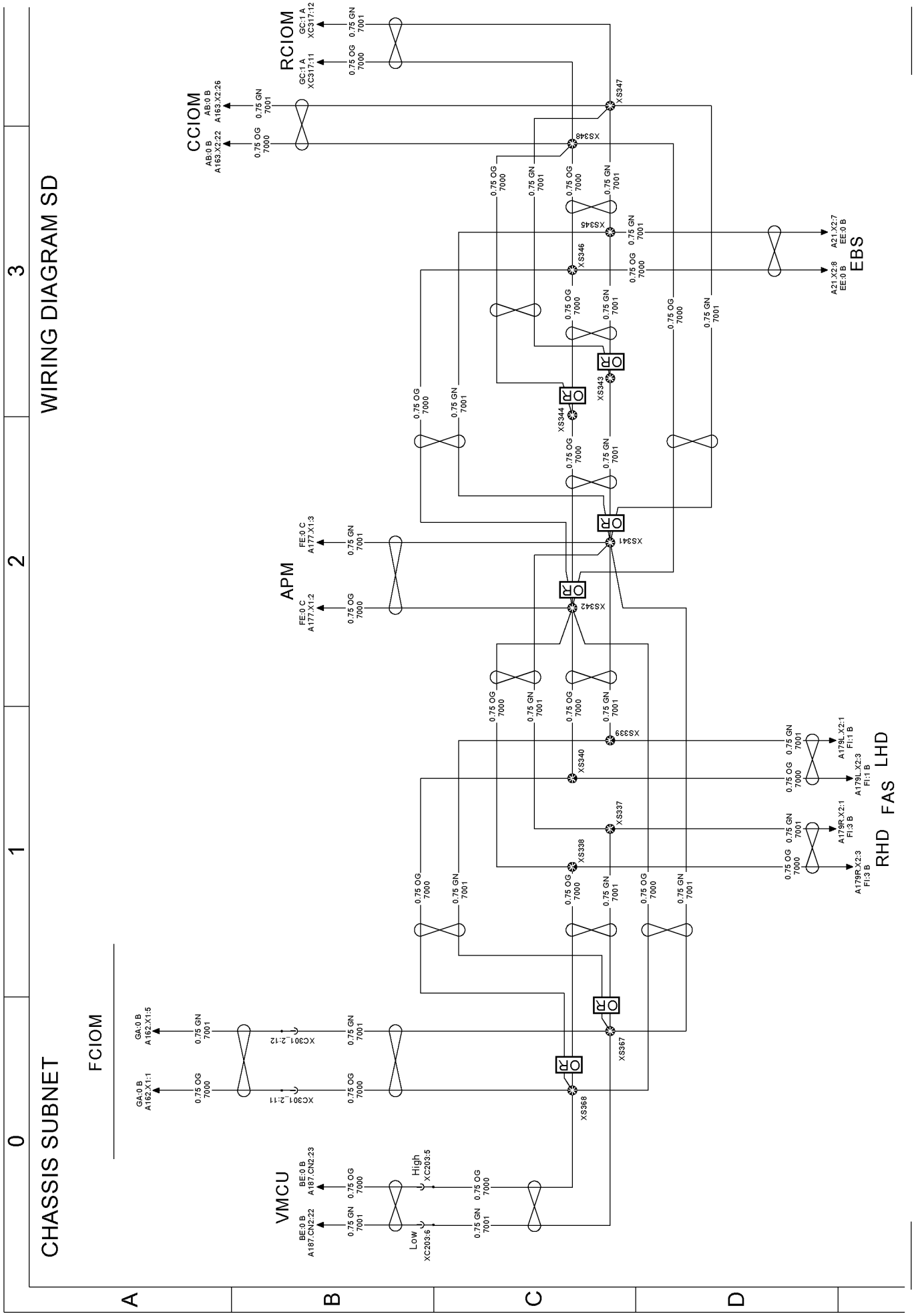

BACKBONE 2
WIRING DIAGRAM SB
0
1
2
3
A
B
C
D
CIOM
HMIIOM
DACU
BBM
VMCU
TECU
CAB
CHASSIE
Low
High
XS1113
XS1114
XS1115
XS1116
XS1117
XS1118
XS1119
XS1120
XC210:9
XC210:12
0.75 GN 7007
0.75 OG 7006

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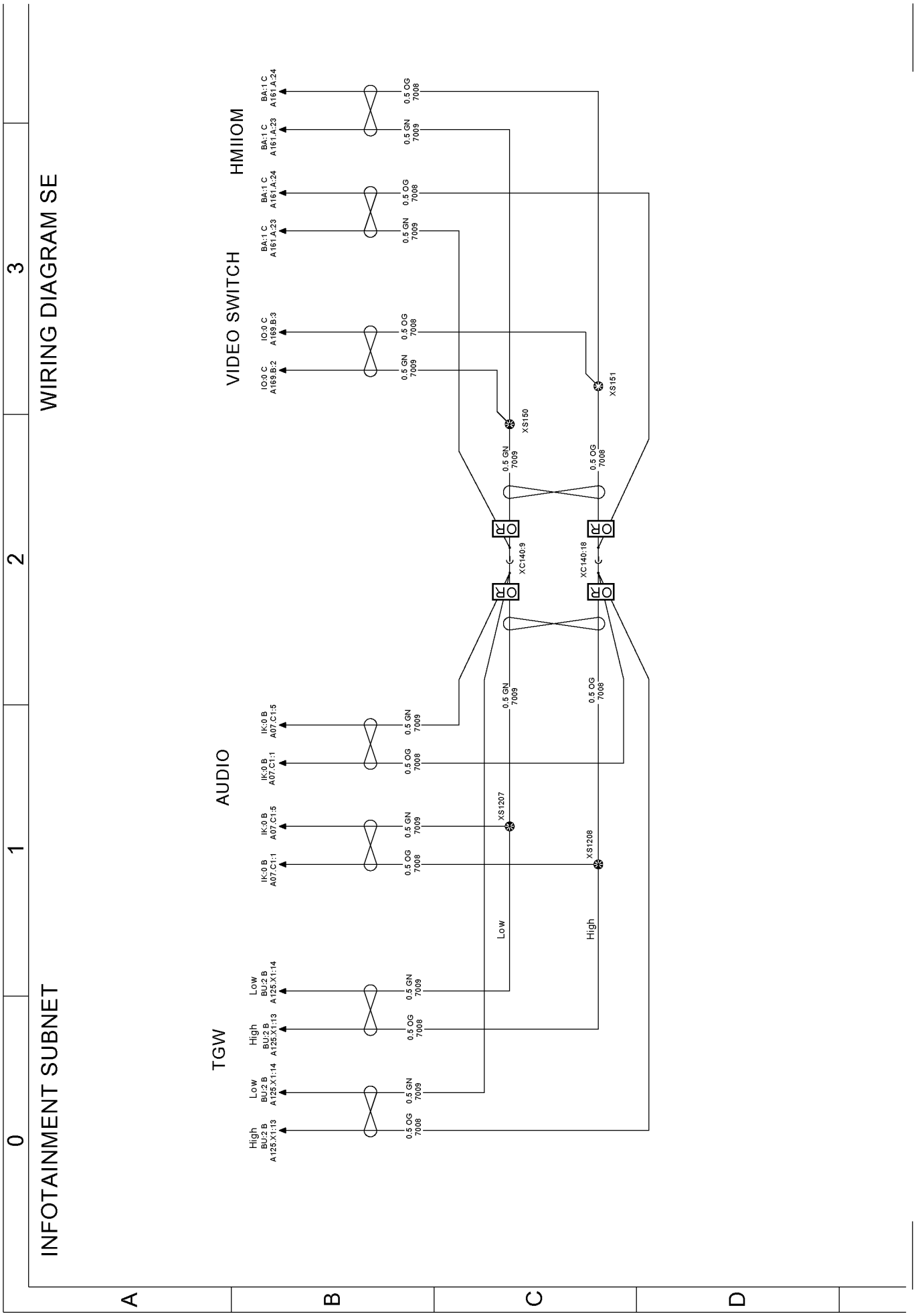

CAB SUBNET
WIRING DIAGRAM SC
0
1
2
3
A
B
C
D
CIOM
SRS
WRC
LECM
CCM
Cab Subnet
Low
High
XS1218
XS1219
XS1220
XS1221
XS1254
XS1255
XC103:3
XC103:4
XC130:8
XC130:9
XC130:17
XC130:18
XC140:4
XC140:5
XC140:19
XC140:20
OR
0.5 GN 7023
0.5 OG 7022

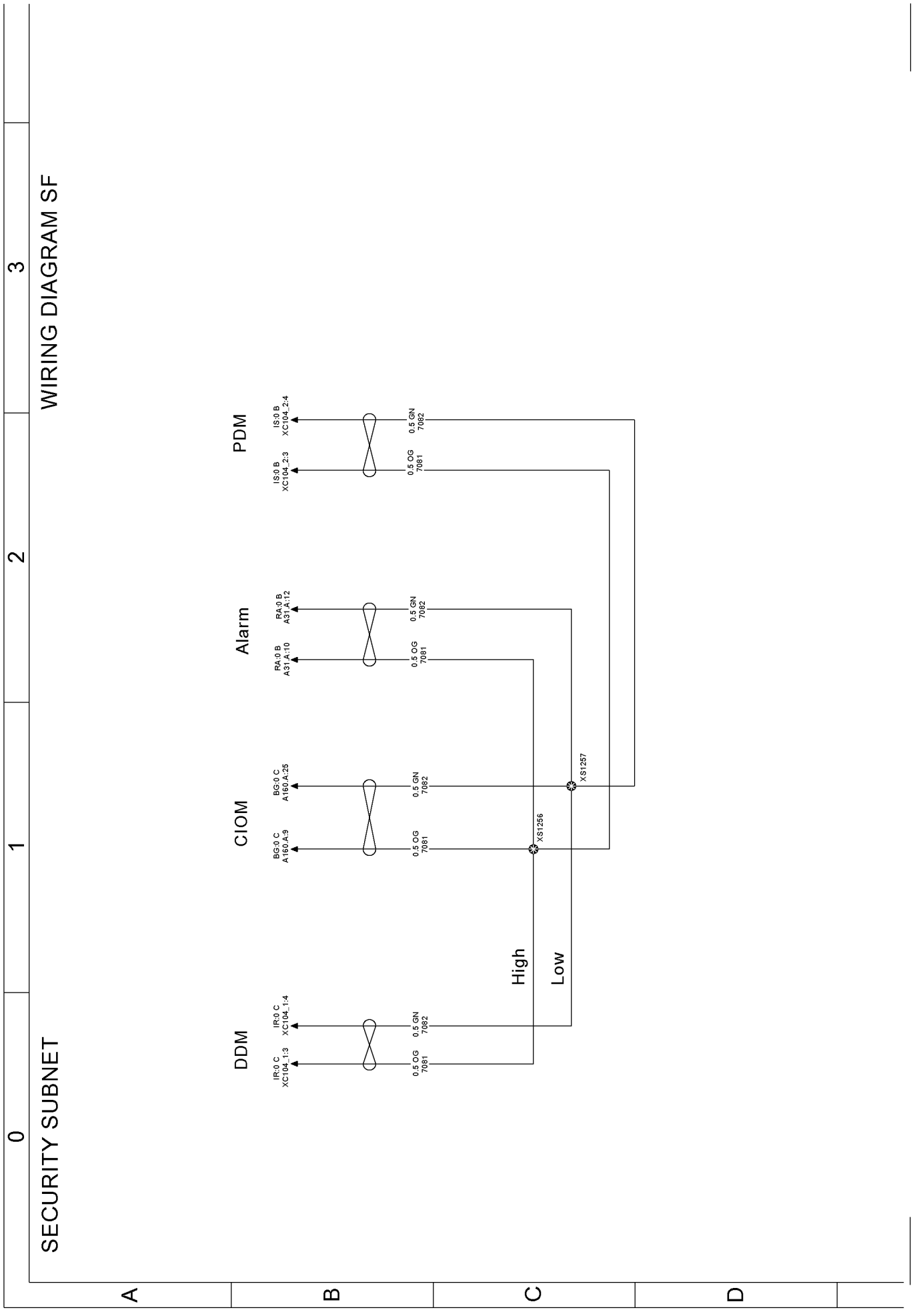
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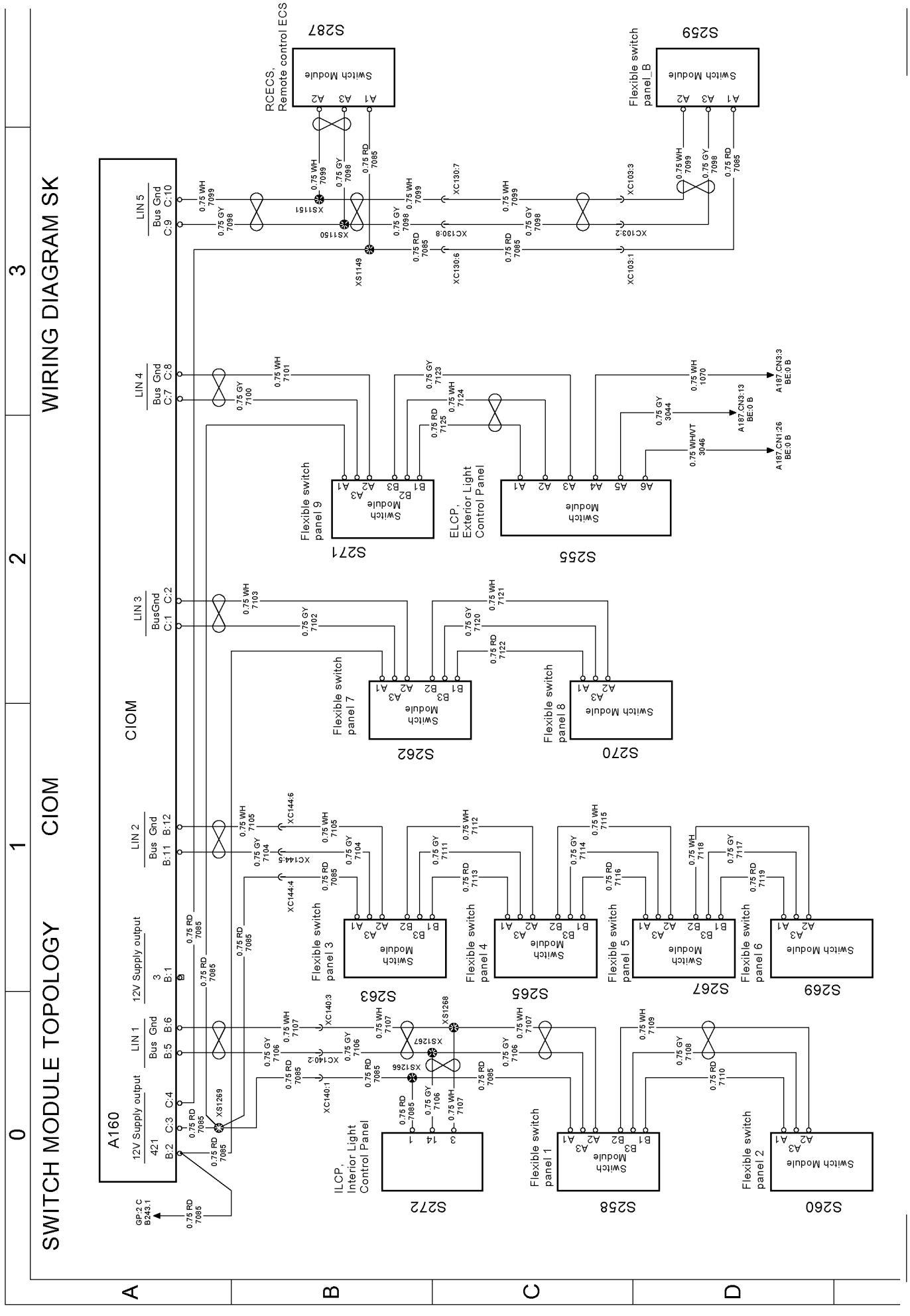


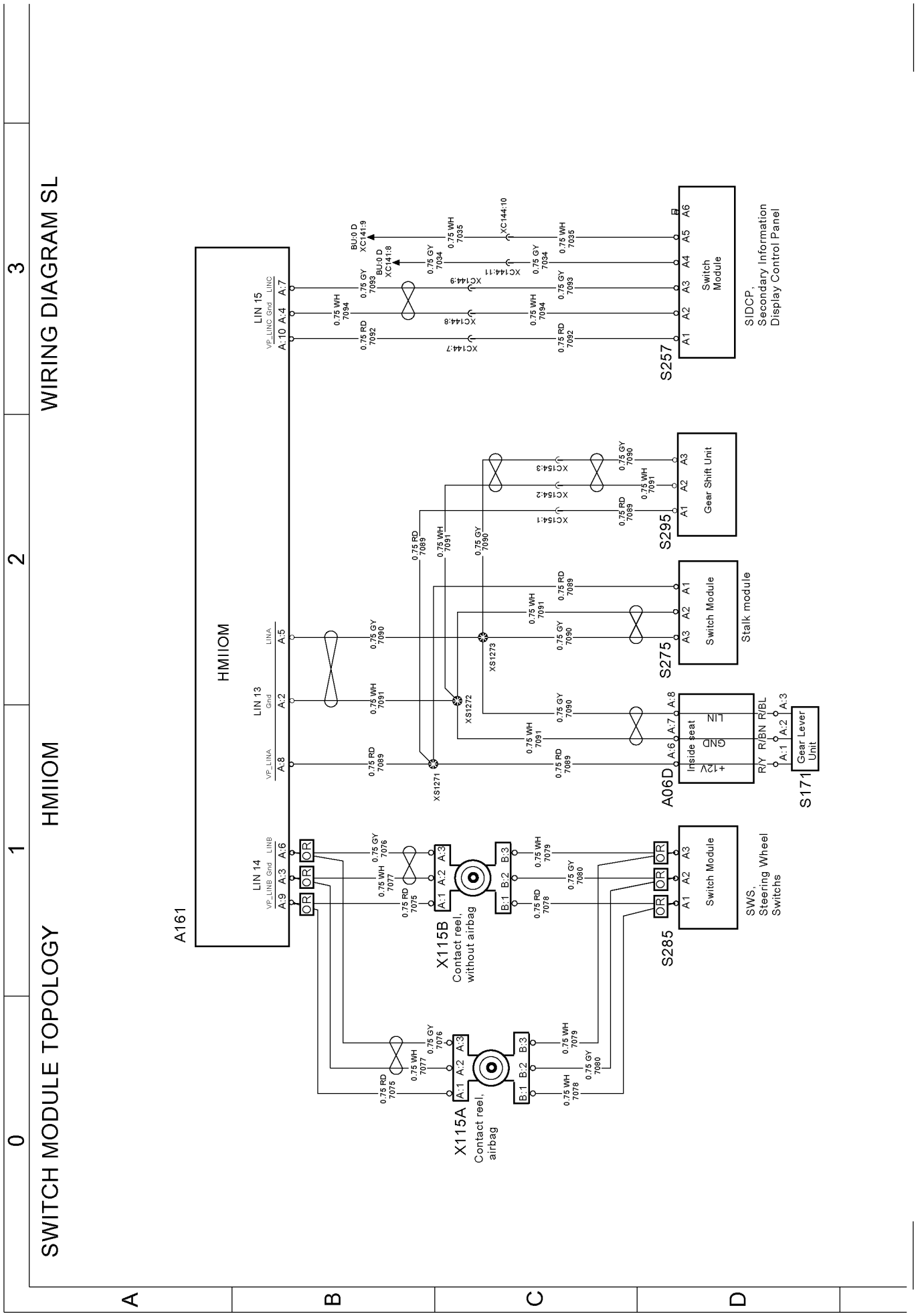

T3086471


INFOTAINMENT SUBNET
WIRING DIAGRAM SE
0
1
2
3
A
B
C
D
TGW
AUDIO
VIDEO SWITCH
HMIIOM
High
Low
BU:2 B
A125.X1:13
A125.X1:14
0.5 OG
7008
0.5 GN
7009
IK:0 B
A07.C1:1
A07.C1:5
IO:0 C
A169.B:2
A169.B:3
BA:1 C
A161.A:23
A161.A:24
XS1207
XS1208
XS150
XS151
XC140:9
XC140:18

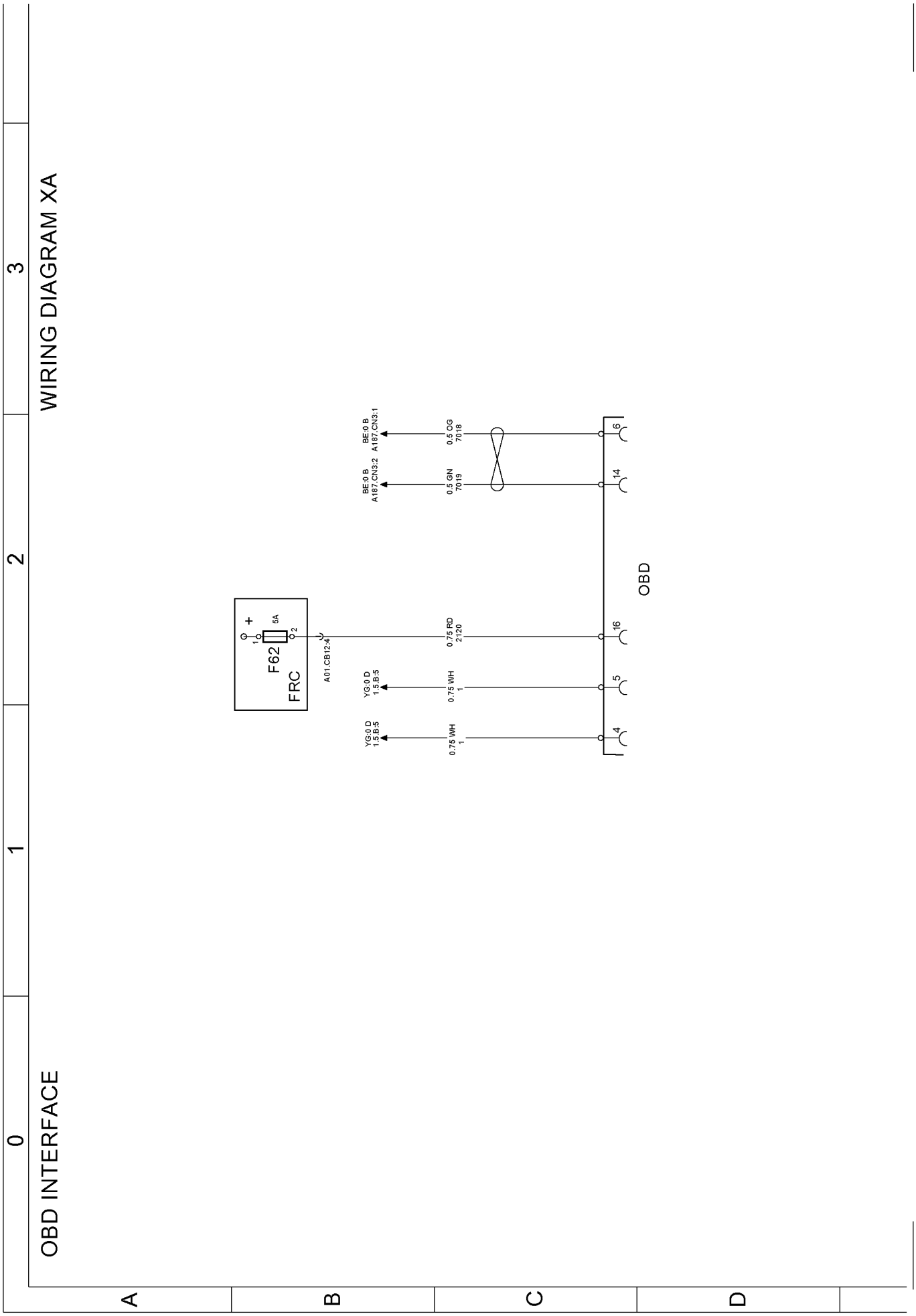

SECURITY SUBNET
WIRING DIAGRAM SF
0
1
2
3
A
B
C
D
DDM
CIOM
Alarm
PDM
High
Low
IR:0 C XC104_1:3
IR:0 C XC104_1:4
BG:0 C A160.A:9
BG:0 C A160.A:25
RA:0 B A31.A:10
RA:0 B A31.A:12
IS:0 B XC104_2:3
IS:0 B XC104_2:4
0.5 OG 7081
0.5 GN 7082
XS1256
XS1257

T3066050

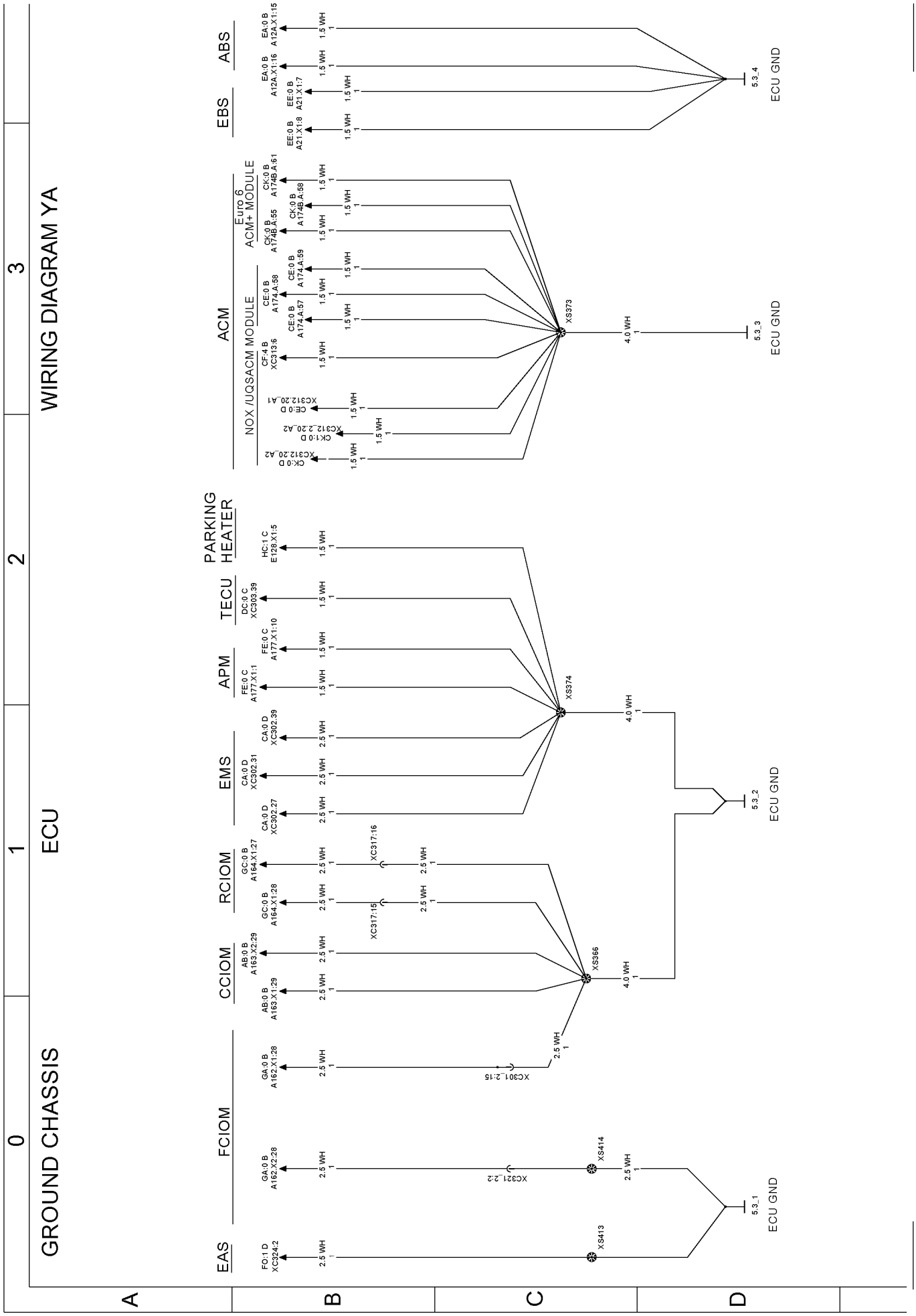

SWITCH MODULE TOPOLOGY CIOM
WIRING DIAGRAM SK
A160
CIOM
12V Supply output
421
B:2 C:3 C:4
LIN 1
Bus Gnd
B:5 B:6
LIN 2
Bus Gnd
B:11 B:12
LIN 3
BusGnd
C:1 C:2
LIN 4
Bus Gnd
C:7 C:8
LIN 5
Bus Gnd
C:9 C:10
GP-2 C
B243:1
RCECS,
Remote control ECS
S287
Switch Module
Flexible switch
panel_B
S259
Flexible switch
panel 9
S271
ELCP,
Exterior Light
Control Panel
S255
Flexible switch
panel 7
S262
Flexible switch
panel 8
S270
Flexible switch
panel 3
S263
Flexible switch
panel 4
S265
Flexible switch
panel 5
S267
Flexible switch
panel 6
S269
ILCP,
Interior Light
Control Panel
S272
Flexible switch
panel 1
S258
Flexible switch
panel 2
S260
A187.CN9:3
BE:0 B
A187.CN3:13
BE:0 B
A187.CN1:26
BE:0 B


SWITCH MODULE TOPOLOGY HMIIOM
WIRING DIAGRAM SL
A161
HMIIOM
LIN 14
LIN 13
LIN 15
X115A
Contact reel, airbag
X115B
Contact reel, without airbag
S285
SWS, Steering Wheel Switchs
S275
Stalk module
S295
Gear Shift Unit
S257
SIDCP, Secondary Information Display Control Panel
A06D
Inside seat
S171
Gear Lever Unit

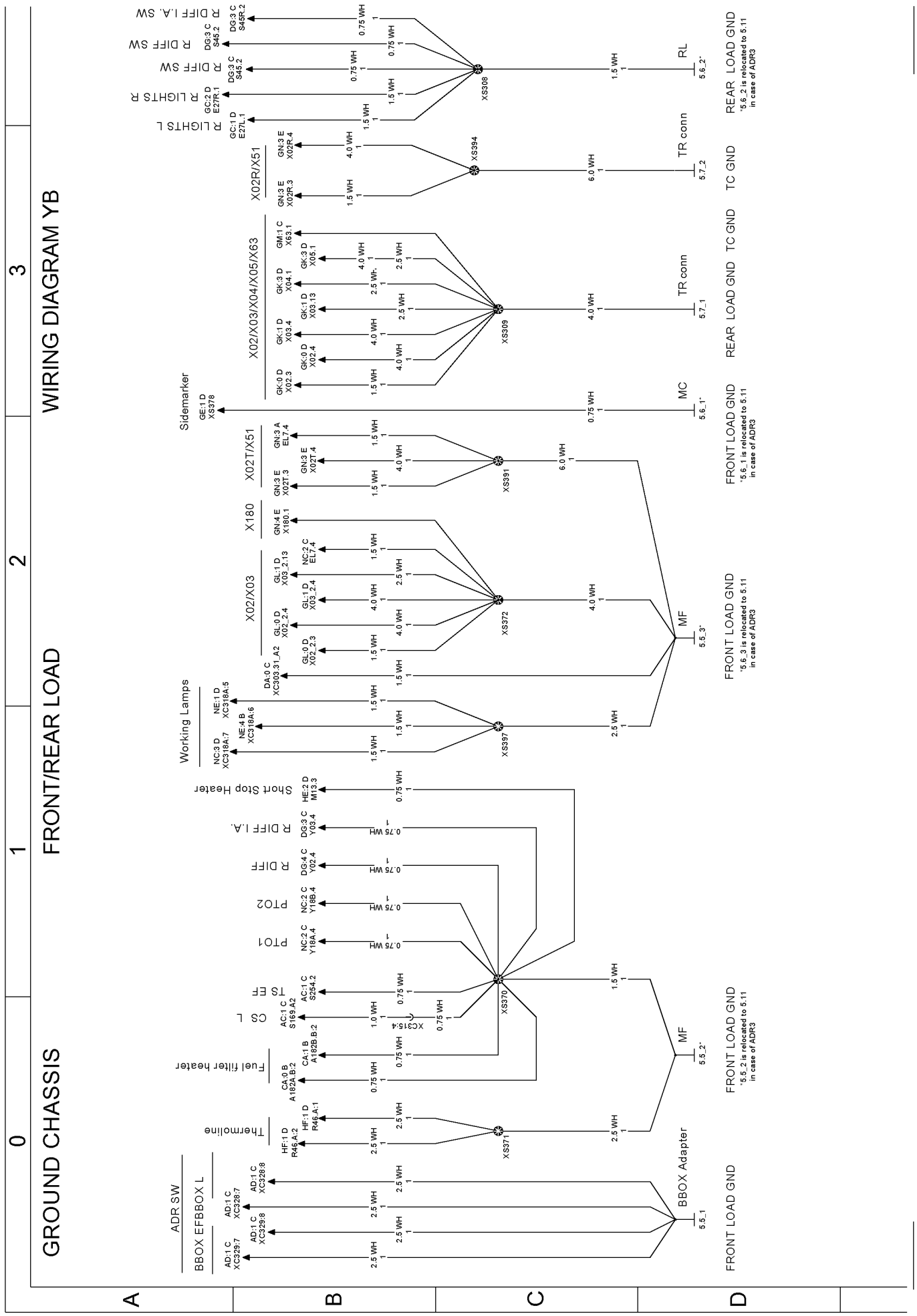
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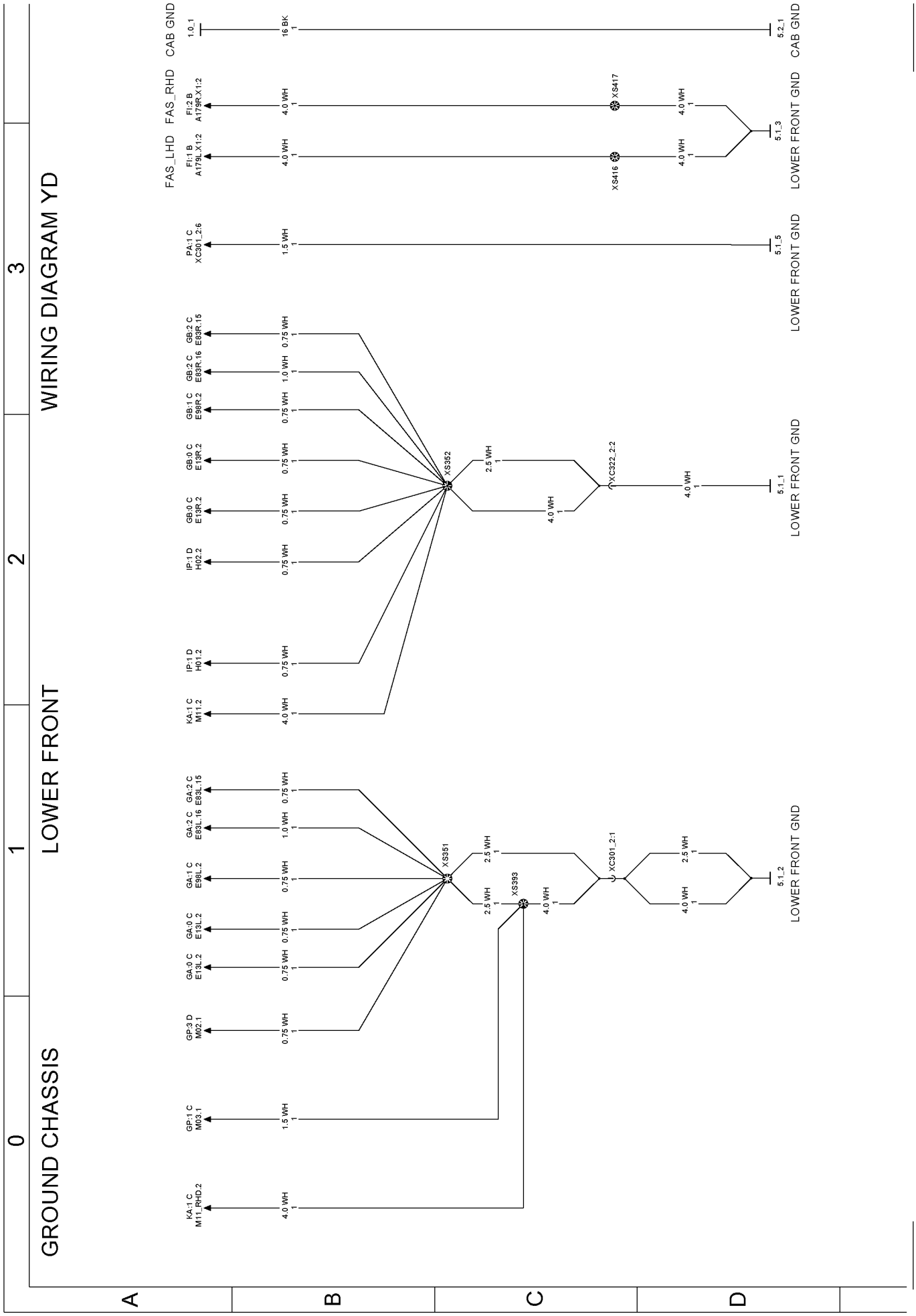

OBD INTERFACE
WIRING DIAGRAM XA
0
1
2
3
A
B
C
D
F62
5A
FRC
A01.CB12:4
0.75 RD
2120
YG:0 D
1.5 B:5
0.75 WH
1
YG:0 D
1.5 B:5
0.75 WH
1
BE:0 B
A187.CN3:2
0.5 GN
7019
BE:0 B
A187.CN3:1
0.5 OG
7018
OBD
16
5
4
14
6

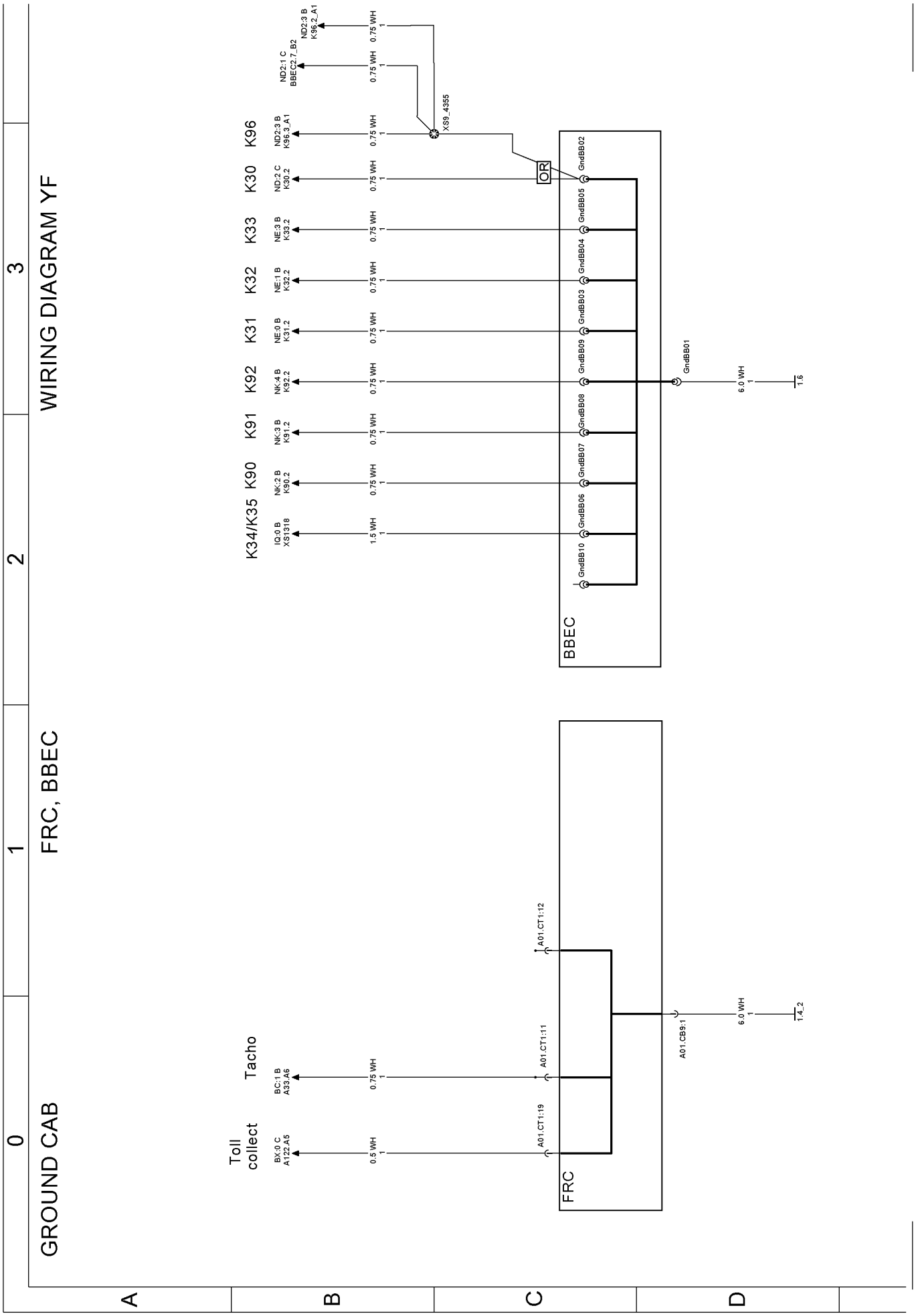
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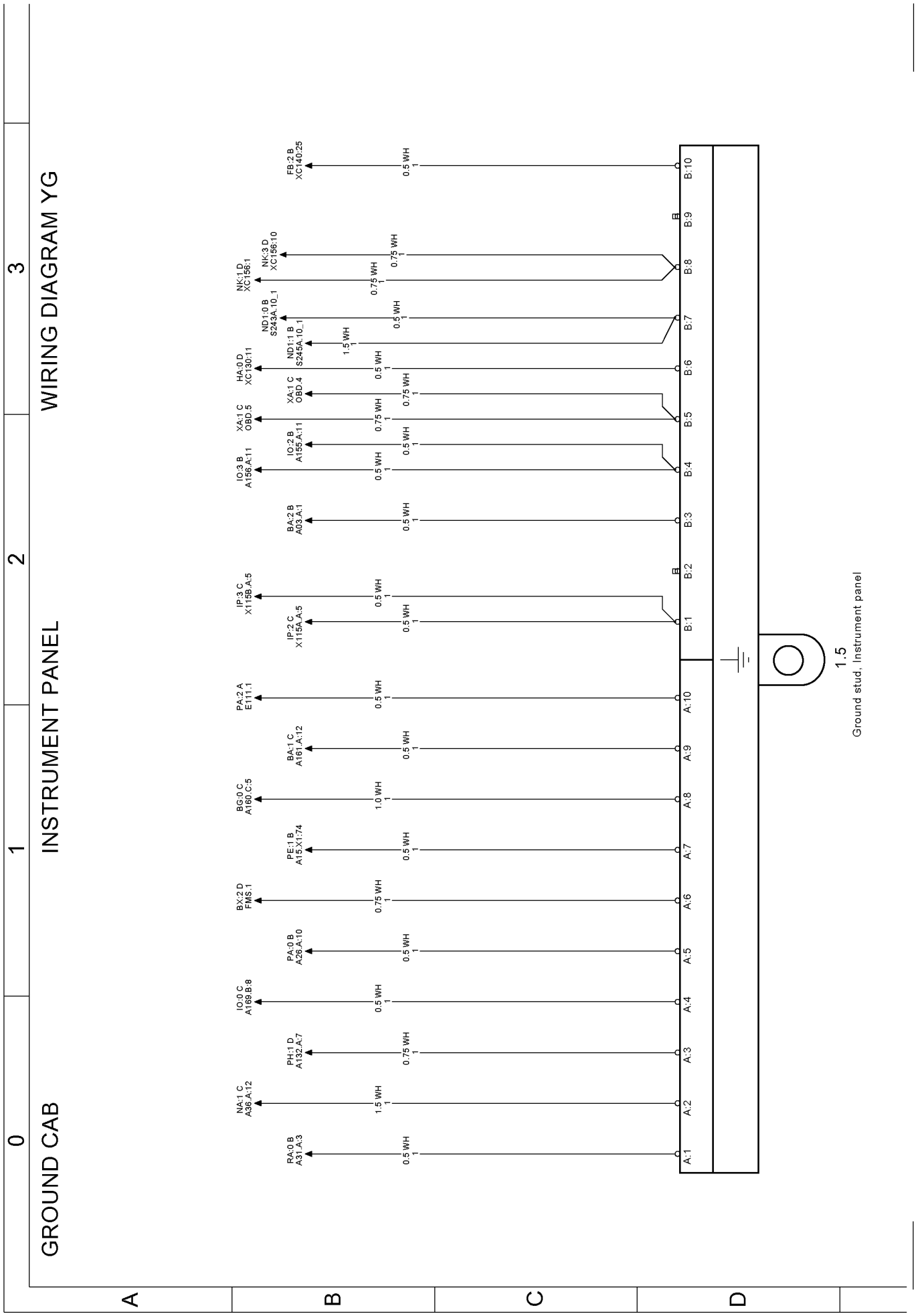

WIRING DIAGRAM YA
GROUND CHASSIS
ECU
0
1
2
3
A
B
C
D
EAS
FCIOM
CCIOM
RCIOM
EMS
APM
TECU
PARKING HEATER
ACM
NOX /UQSACM MODULE
Euro 6 ACM+ MODULE
EBS
ABS
ECU GND
5.3_1
5.3_2
5.3_3
5.3_4
XS413
XS414
XS366
XS374
XS373
XC321:2
XC301_2:15
XC317:15
XC317:16
XC312:20_A2
XC312:20_A1
2.5 WH
1.5 WH
4.0 WH

T3086474

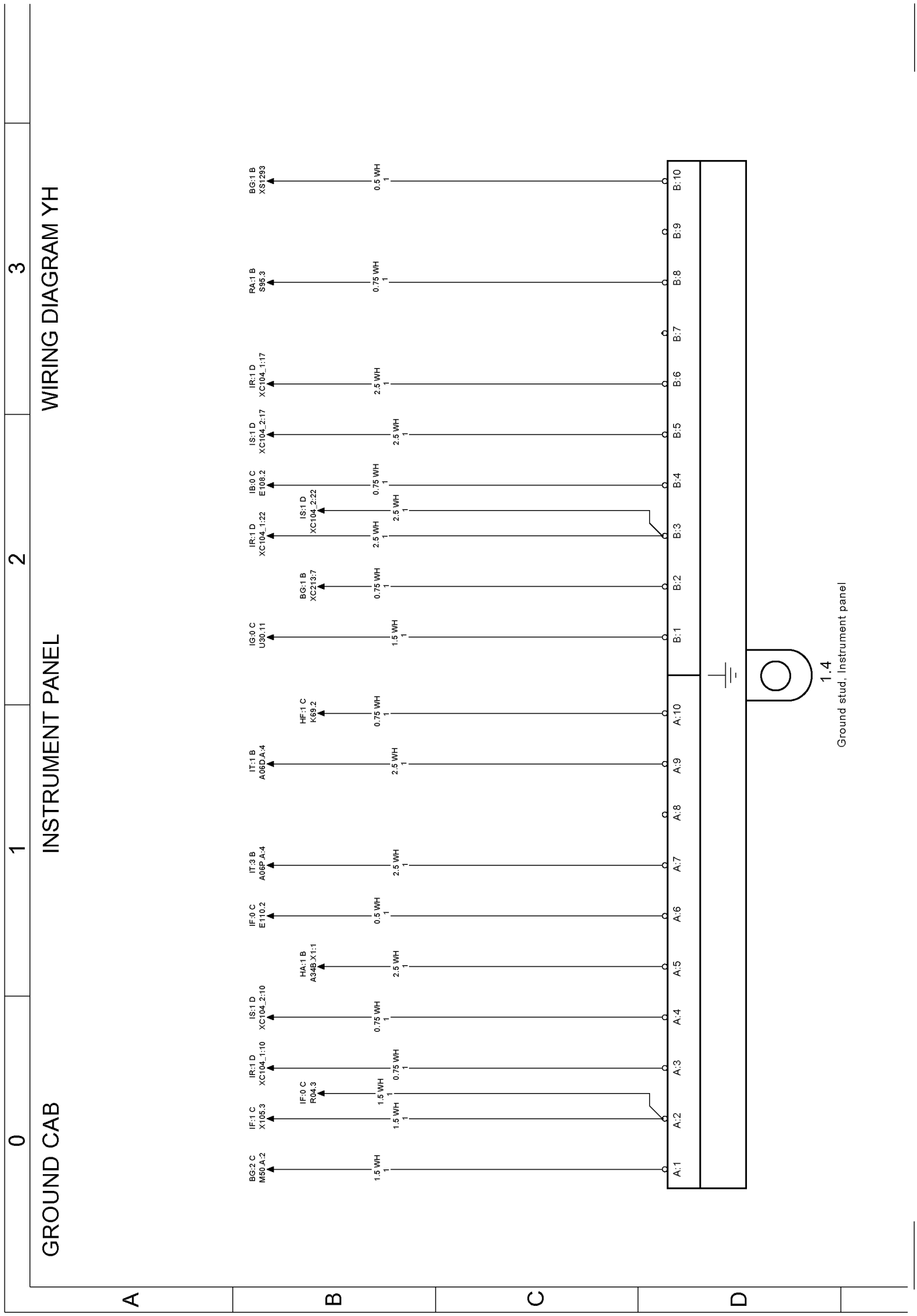

GROUND CHASSIS
FRONT/REAR LOAD
WIRING DIAGRAM YB
0
1
2
3
A
B
C
D
ADR SW
BBOX EFBBOX L
Thermoline
Fuel filter heater
CS L
TS EF
PTO1
PTO2
R DIFF
R DIFF I.A.
Short Stop Heater
Working Lamps
X02/X03
X180
X02T/X51
Sidemarker
X02/X03/X04/X05/X63
X02R/X51
R LIGHTS L
R LIGHTS R
R DIFF SW
R DIFF I.A. SW
BBOX Adapter
MF
MC
RL
TR conn
FRONT LOAD GND
REAR LOAD GND
TC GND
XS370
XS371
XS372
XS391
XS394
XS397
XS308
XS309


WIRING DIAGRAM YD
LOWER FRONT
GROUND CHASSIS
0
1
2
3
A
B
C
D
CAB GND
FAS_RHD
FAS_LHD
LOWER FRONT GND
XS351
XS352
XS393
XS416
XS417
XC301_2:1
XC322_2:2
T3086549

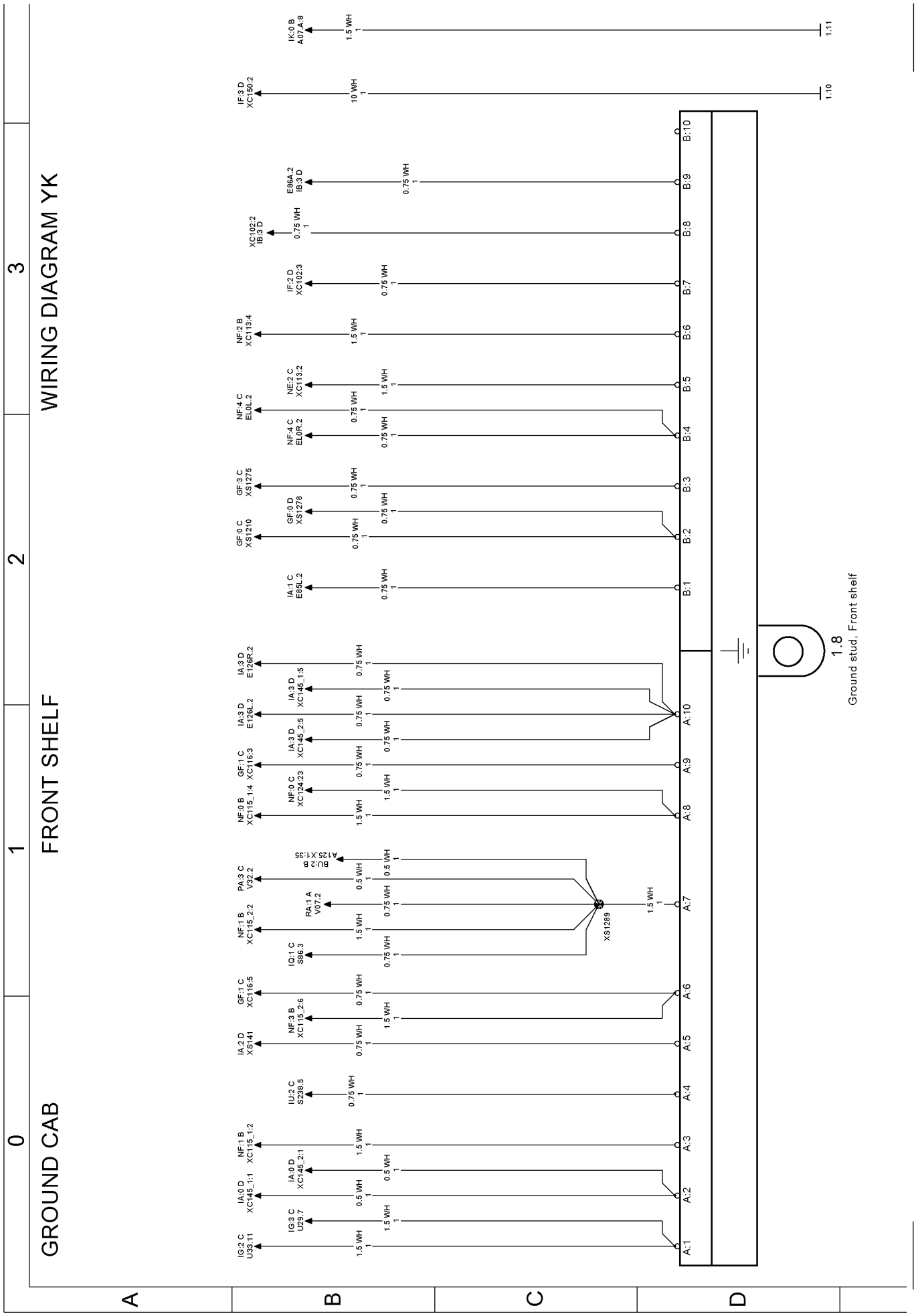

GROUND CAB
FRC, BBEC
WIRING DIAGRAM YF
0
1
2
3
A
B
C
D
Toll collect
Tacho
K34/K35
K90
K91
K92
K31
K32
K33
K30
K96
BX:0 C A122_A5
BC:1 B A33_A6
IQ:0 B XS1318
NK:2 B K90.2
NK:3 B K91.2
NK:4 B K92.2
NE:0 B K31.2
NE:1 B K32.2
NE:3 B K33.2
ND2:C K30.2
ND2:3 B K96.3_A1
ND2:1 C BBEC2.7_B2
ND2:3 B K96_2_A1
0.5 WH
0.75 WH
1.5 WH
XS9_4355
OR
FRC
BBEC
A01.CT1:19
A01.CT1:11
A01.CT1:12
A01.CB9:1
GndBB10
GndBB06
GndBB07
GndBB08
GndBB09
GndBB03
GndBB04
GndBB05
GndBB02
GndBB01
6.0 WH
1.4_2
1.6


GROUND CAB
INSTRUMENT PANEL
WIRING DIAGRAM YG
0
1
2
3
A
B
C
D
RA:0 B A31.A:3
NA:1 C A36.A:12
PH:1 D A132.A:7
IO:0 C A169.B:8
PA:0 B A26.A:10
BX:2 D FMS.1
PE:1 B A15:X1:74
BG:0 C A160.C:5
BA:1 C A161.A:12
PA:2 A E111.1
IP:2 C X115A.A:5
IP:3 C X115B.A:5
BA:2 B A03.A:1
IO:3 B A156.A:11
IO:2 B A155.A:11
XA:1 C OBD.5
XA:1 C OBD.4
HA:0 D XC130:11
ND1:1 B S245A.10_1
ND1:0 B S243A.10_1
NK:1 D XC156:1
NK:3 D XC156:10
FB:2 B XC140:25
0.5 WH
1.5 WH
0.75 WH
1.0 WH
A:1
A:2
A:3
A:4
A:5
A:6
A:7
A:8
A:9
A:10
B:1
B:2
B:3
B:4
B:5
B:6
B:7
B:8
B:9
B:10
1.5
Ground stud, Instrument panel

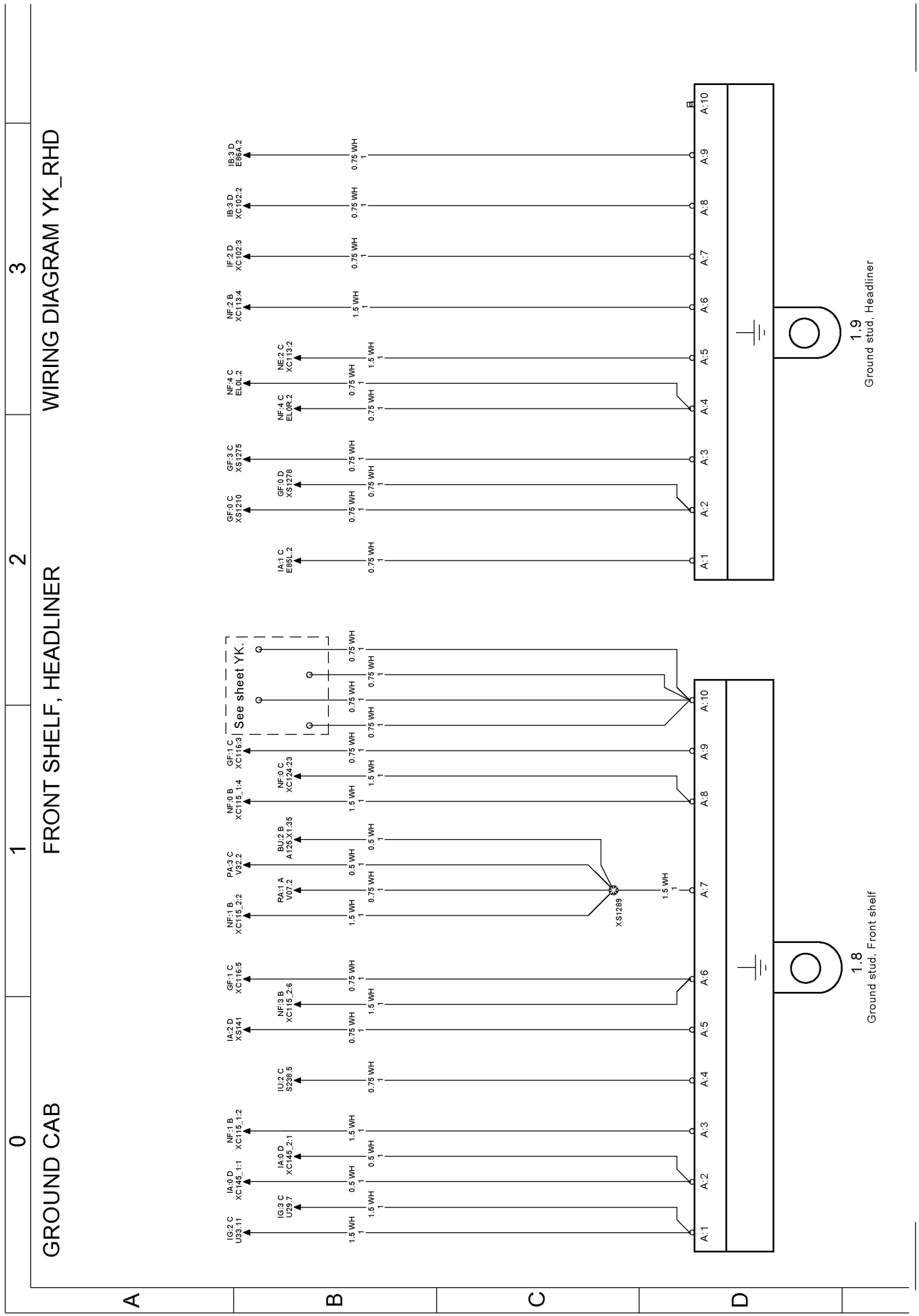
T3086477


GROUND CAB
INSTRUMENT PANEL
WIRING DIAGRAM YH
0
1
2
3
A
B
C
D
BG:2 C M50.A:2
IF:1 C X105.3
IF:0 C R04.3
IR:1 D XC104_1:10
IS:1 D XC104_2:10
HA:1 B A34B.X1:1
IF:0 C E110.2
IT:3 B A06P.A.4
IT:1 B A06D.A.4
HF:1 C K69.2
IG:0 C U30.11
BG:1 B XC213:7
IR:1 D XC104_1:22
IS:1 D XC104_2:22
IB:0 C E108.2
IS:1 D XC104_2:17
IR:1 D XC104_1:17
RA:1 B S95.3
BG:1 B XS1293
1.5 WH
0.75 WH
0.5 WH
2.5 WH
A:1
A:2
A:3
A:4
A:5
A:6
A:7
A:8
A:9
A:10
B:1
B:2
B:3
B:4
B:5
B:6
B:7
B:8
B:9
B:10
1.4
Ground stud, Instrument panel

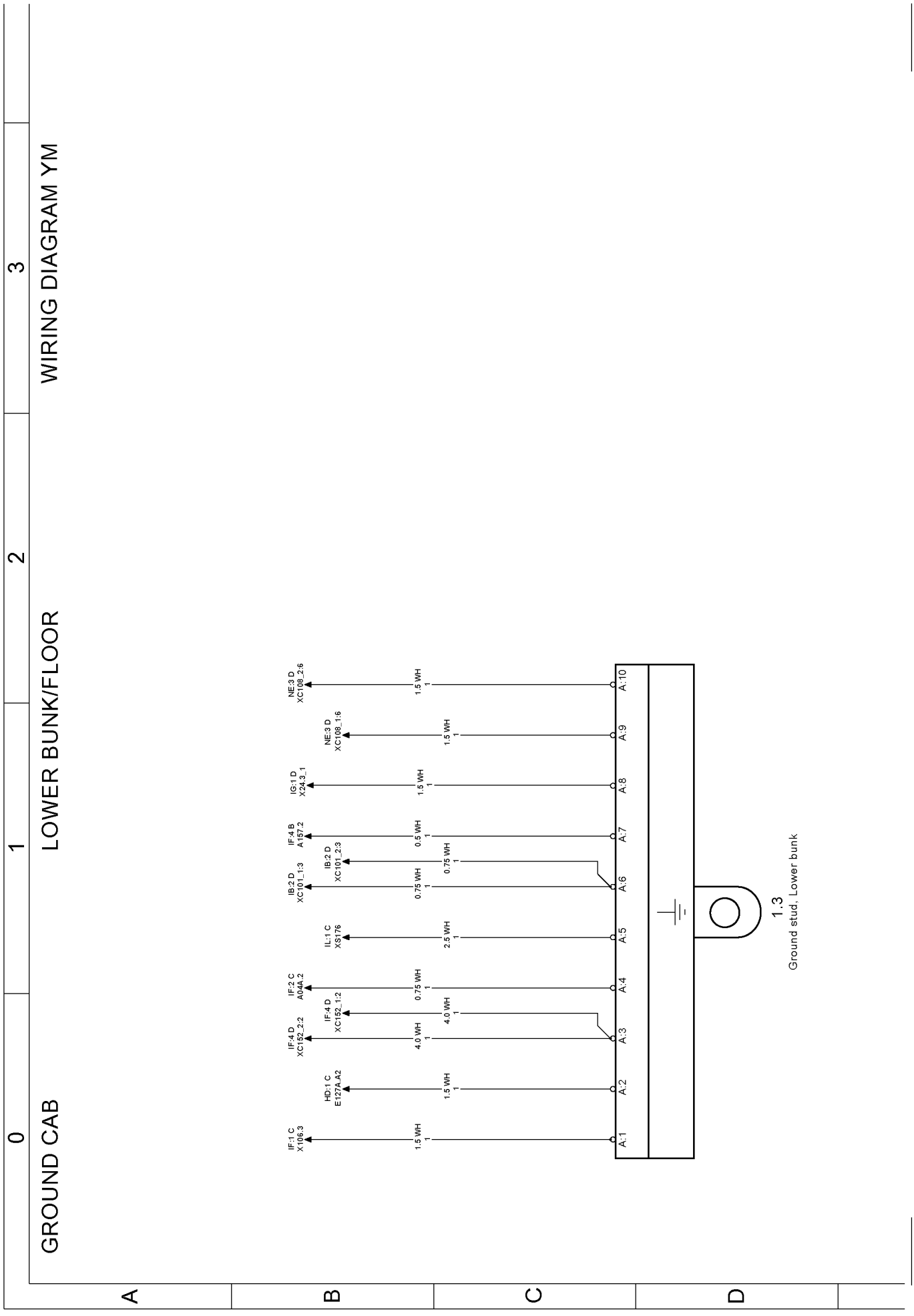
T3065622


GROUND CAB
FRONT SHELF
WIRING DIAGRAM YK
0
1
2
3
A
B
C
D
1.8
Ground stud, Front shelf
XS1289
A125.X1:35
Bu:2 B

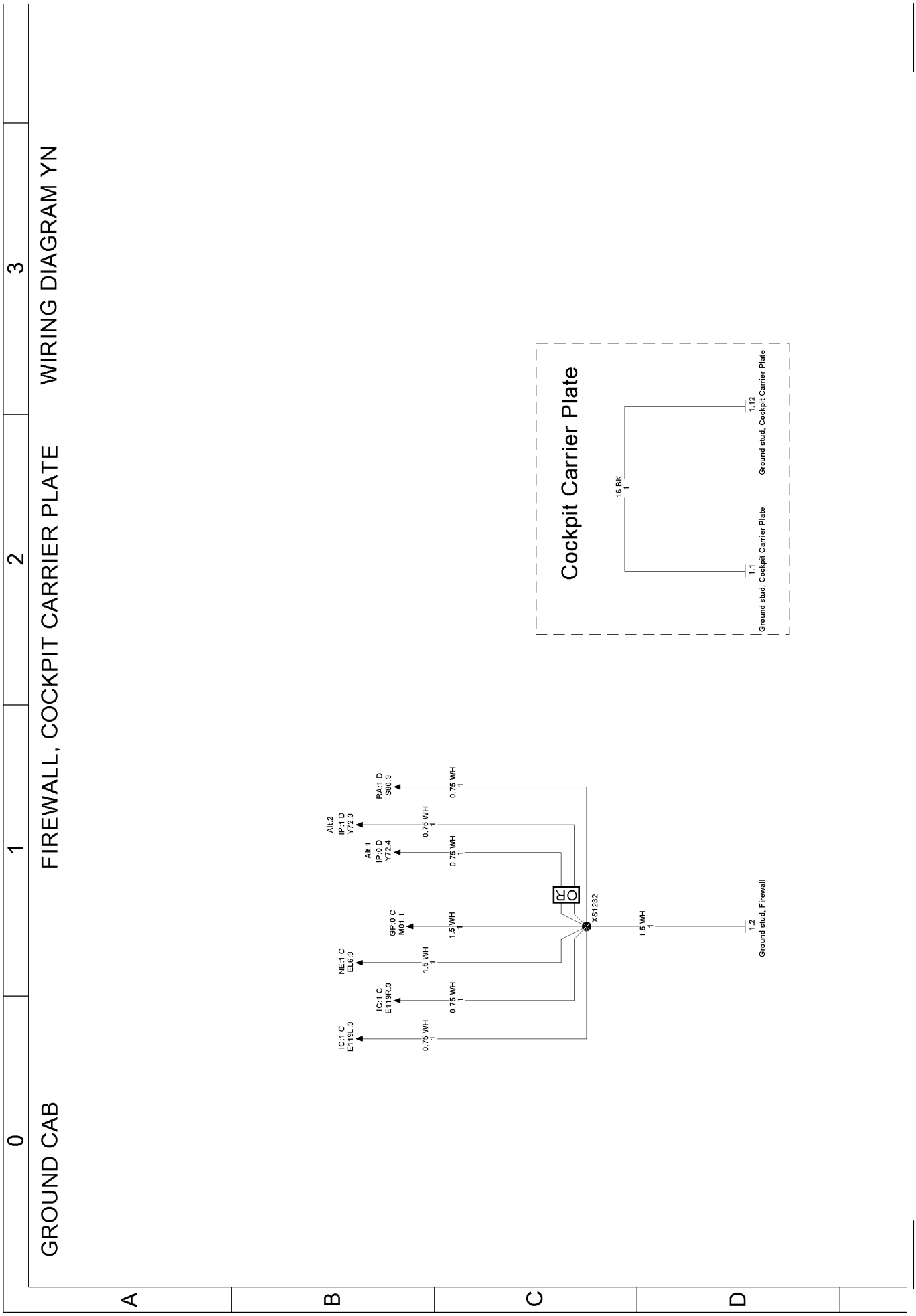
T3086478


GROUND CAB
FRONT SHELF , HEADLINER
WIRING DIAGRAM YK_RHD
0
1
2
3
A
B
C
D
See sheet YK.
XS1289
1.8
Ground stud, Front shelf
1.9
Ground stud, Headliner

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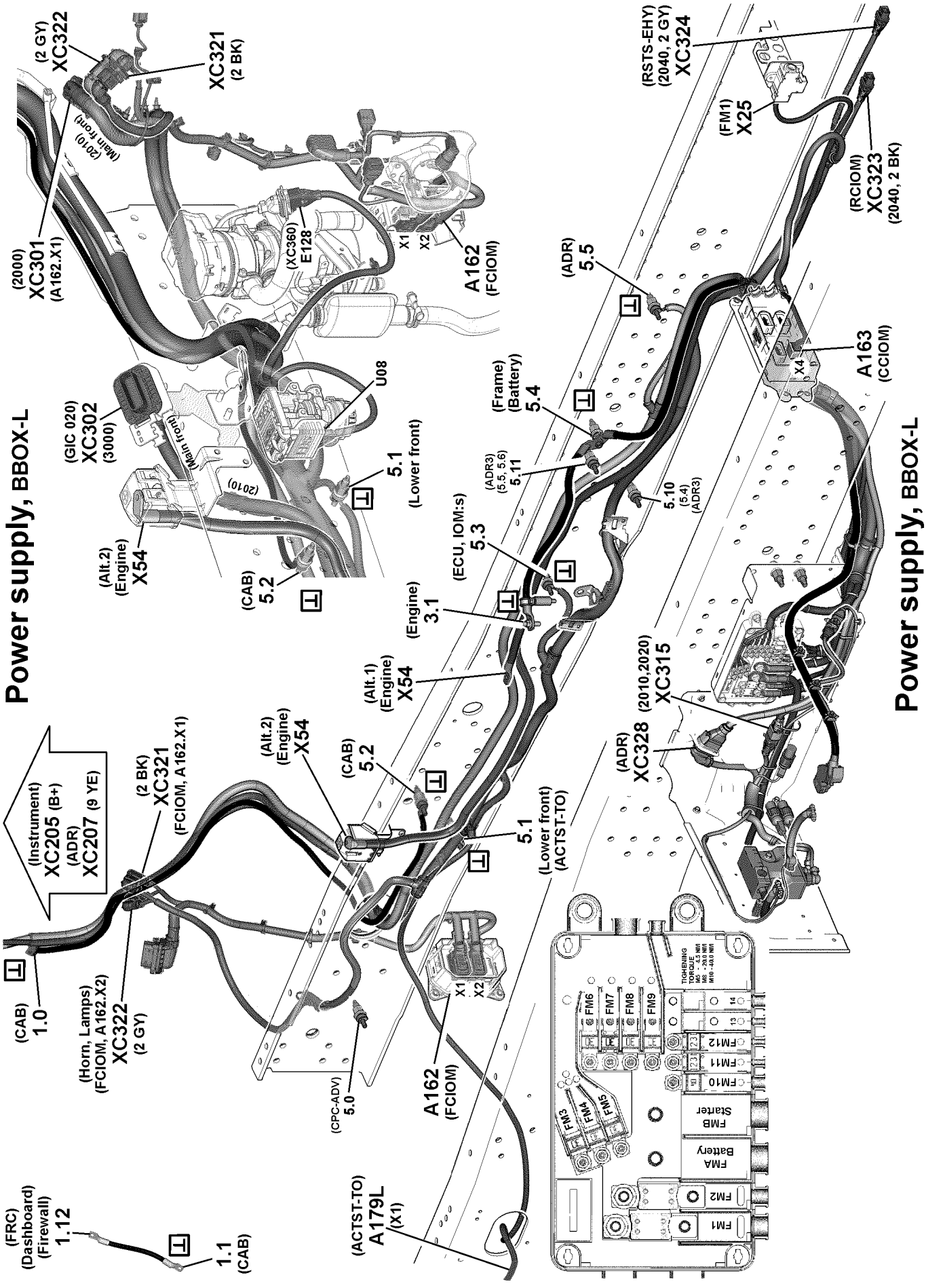

GROUND CAB
FIREWALL, COCKPIT CARRIER PLATE
WIRING DIAGRAM YN
0
1
2
3
A
B
C
D
Cockpit Carrier Plate
16 BK
1
1.1
Ground stud, Cockpit Carrier Plate
1.12
Ground stud, Cockpit Carrier Plate
RA:1 D
S80.3
0.75 WH
1
Alt.2
IP:1 D
Y72.3
0.75 WH
1
Alt.1
IP:0 D
Y72.4
0.75 WH
1
GP:0 C
M01.1
1.5 WH
1
NE:1 C
EL6:3
1.5 WH
1
IC:1 C
E119R.3
0.75 WH
1
IC:1 C
E119L.3
0.75 WH
1
XS1232
1.5 WH
1
1.2
Ground stud, Firewall

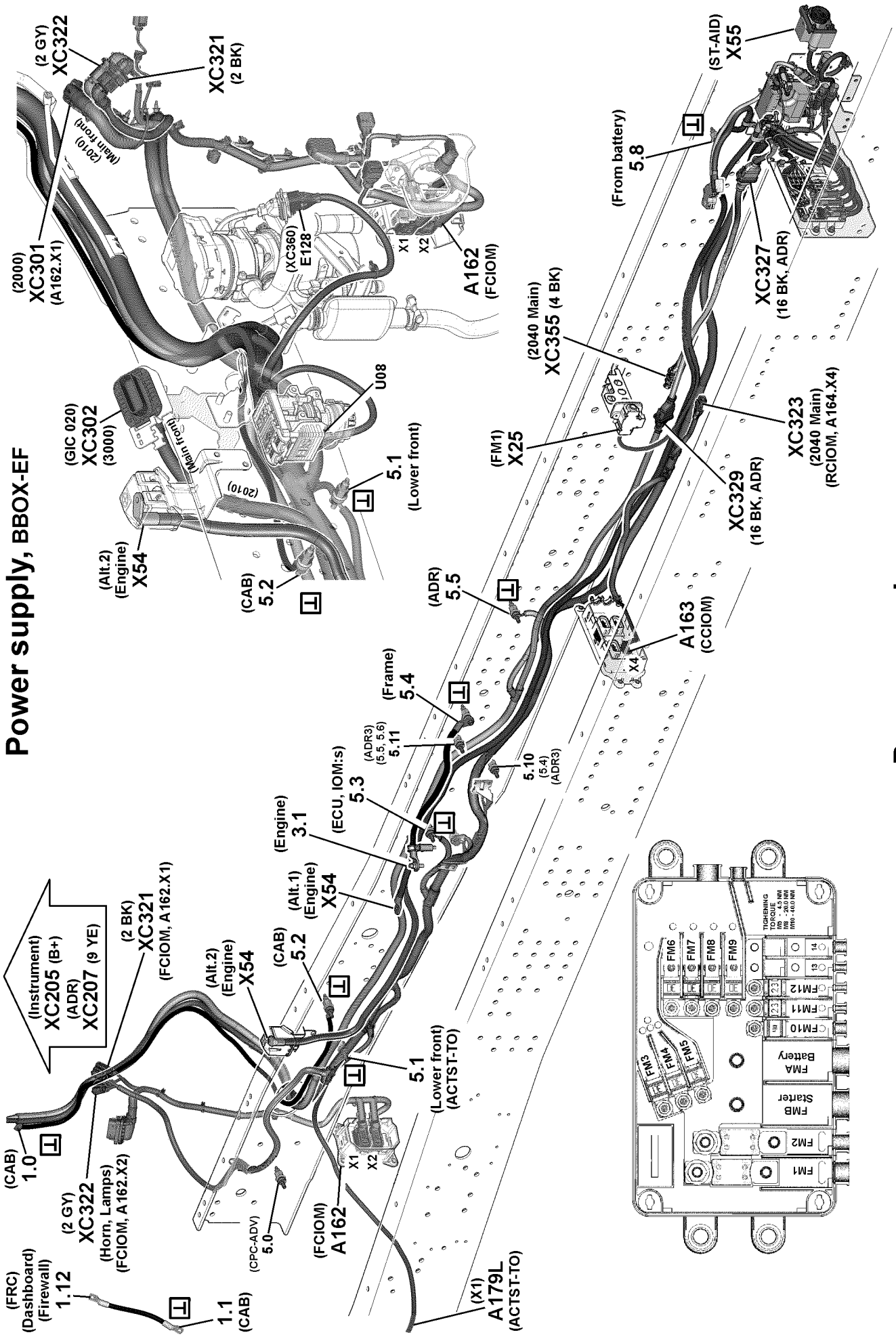
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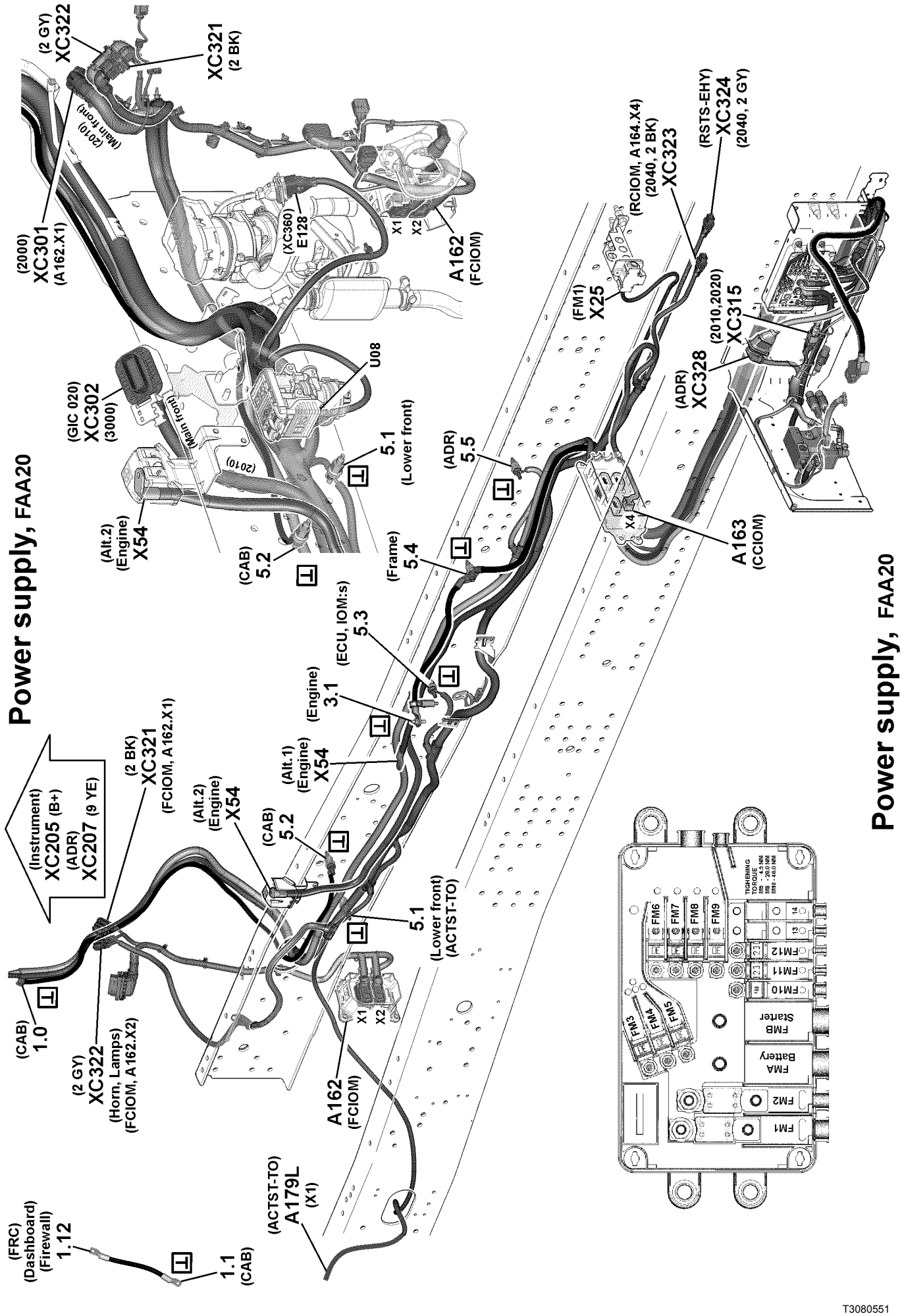

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|---|---|---|
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| - | ECU | “ ”, page 131 |
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| 2030 | Wiring harness, SCR | “ ”, page 179 |
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| 2090 | Wiring harness, ABS/EBS | “ ”, page 196 |
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| 2125 | Wiring harness, side/reverse working light | “ ”, page 195 |
| 2130 | Wiring harness, plough light | “ ”, page 159 |
| 3000 | Wiring harness, engine | “ ”, page 206 |
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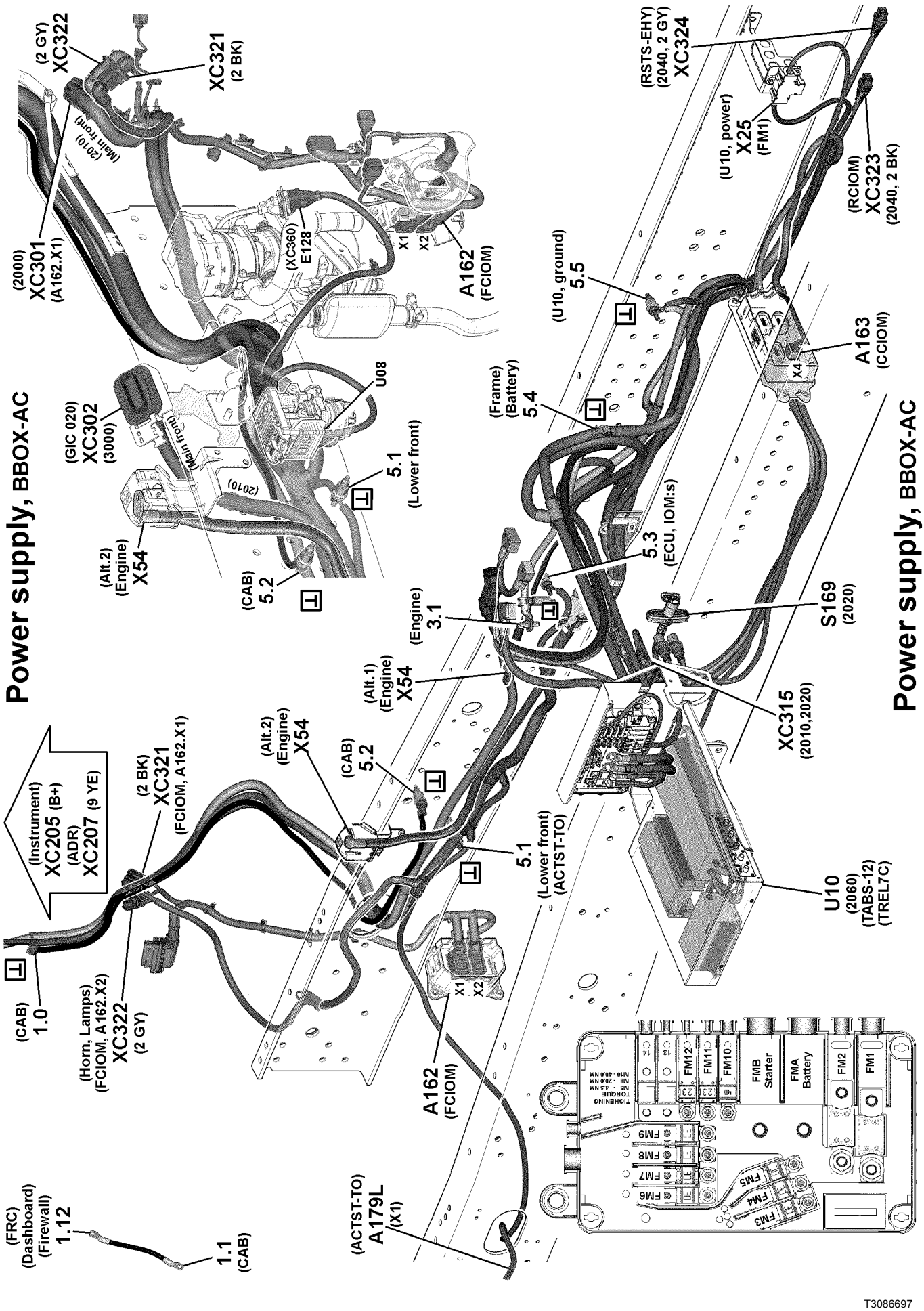
# Illustrations



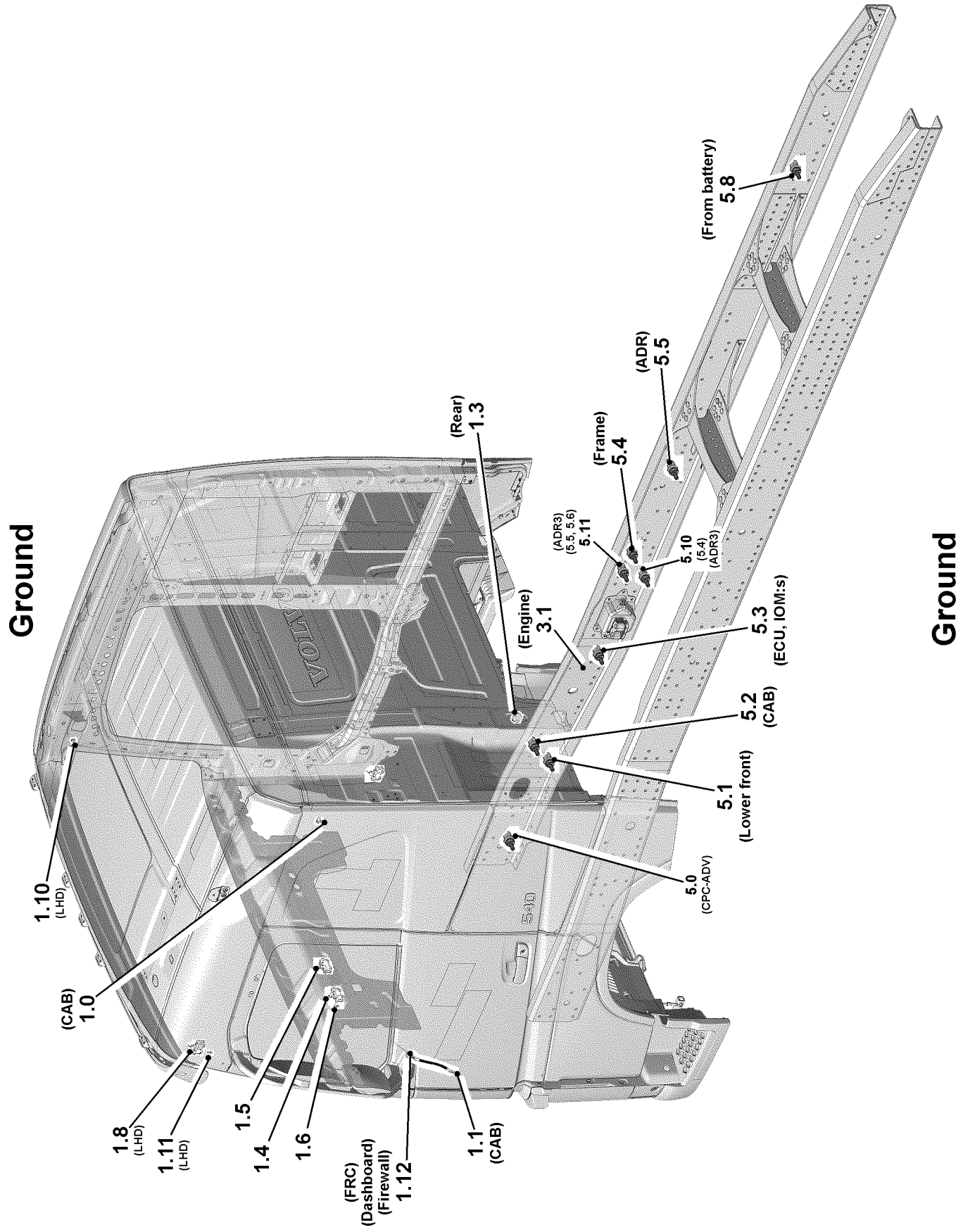

Power supply, BBOX-EF
(2 GY) XC322
XC321 (2 BK)
(Main front) (2010)
(2000) XC301 (A162.X1)
(XC360) E128
X1
X2
A162 (FCIOM)
(GIC 020) XC302 (3000)
Main front
(2010)
U08
5.1 (Lower front)
(Alt.2) (Engine) X54
(CAB) 5.2
(From battery) 5.8
(ST-AID) X55
(2040 Main) XC355 (4 BK)
XC327 (16 BK, ADR)
(FM1) X25
XC323 (2040 Main) (RCIOM, A164.X4)
XC329 (16 BK, ADR)
(ADR) 5.5
A163 (CCIOM)
X4
(Frame) 5.4
(ADR3) (5.5, 5.6) 5.11
5.10 (5.4) (ADR3)
(Engine) 3.1
(ECU, IOM:s) 5.3
(Alt.1) (Engine) X54
(Alt.2) (Engine) X54
(CAB) 5.2
(Instrument) XC205 (B+) (ADR) XC207 (9 YE)
(2 BK) XC321 (FCIOM, A162.X1)
(CAB) 1.0
(2 GY) XC322 (Horn, Lamps) (FCIOM, A162.X2)
(FRC) (Dashboard) (Firewall) 1.12
1.1 (CAB)
(CPC-ADV) 5.0
(FCIOM) A162
X1
X2
5.1 (Lower front) (ACTST-TO)
(X1) A179L (ACTST-TO)
FM1
FM2
FMB Starter
FMA Battery
FM10
FM11
FM12
FM3
FM4
FM5
FM6
FM7
FM8
FM9
TIGHTENING TORQUE
M5 - 4.5 NM
M6 - 10.0 NM
M8 - 24.0 NM
Power supply, BBOX-EF

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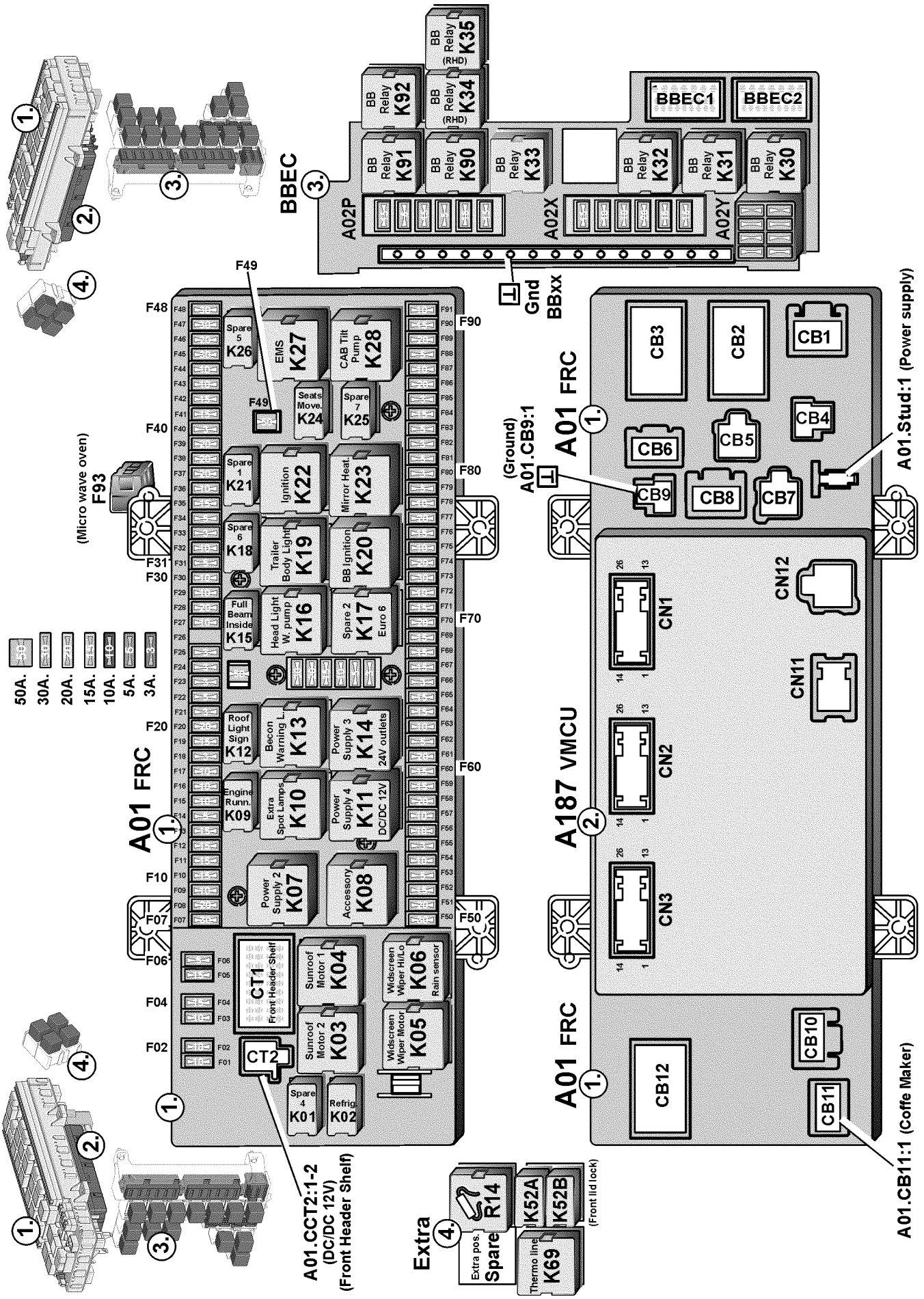

Power supply, FAA20
(Instrument)
XC205 (B+)
(ADR)
XC207 (9 YE)
(2 BK)
XC321
(FCIOM, A162.X1)
(Alt.2)
(Engine)
X54
(CAB)
5.2
(Alt.1)
(Engine)
X54
(Engine)
3.1
(ECU, IOM:s)
5.3
(CAB)
1.0
(2 GY)
XC322
(Horn, Lamps)
(FCIOM, A162.X2)
A162
(FCIOM)
X1
X2
5.1
(Lower front)
(ACTST-TO)
(ACTST-TO)
A179L
(X1)
(FRC)
(Dashboard)
(Firewall)
1.12
1.1
(CAB)
(2 GY)
XC322
(2010)
(Main front)
XC321
(2 BK)
(2000)
XC301
(A162.X1)
(XC360)
E128
X1
X2
A162
(FCIOM)
(GIC 020)
XC302
(3000)
(Main front)
(2010)
U08
5.1
(Lower front)
(Alt.2)
(Engine)
X54
(CAB)
5.2
(ADR)
5.5
(Frame)
5.4
(RCIOM, A164.X4)
(2040, 2 BK)
XC323
(FM1)
X25
(RSTS-EHY)
XC324
(2040, 2 GY)
(ADR)
XC328
(2010,2020)
XC315
X4
A163
(CCIOM)
FM6
FM7
FM8
FM9
FM3
FM4
FM5
FM12
FM11
FM10
FM8
Starter
FMA
Battery
FM2
FM1
TIGHTENING TORQUES
M5 - 4.5 NM
M8 - 20.0 NM
M10 - 40.0 NM
Power supply, FAA20
T3080551

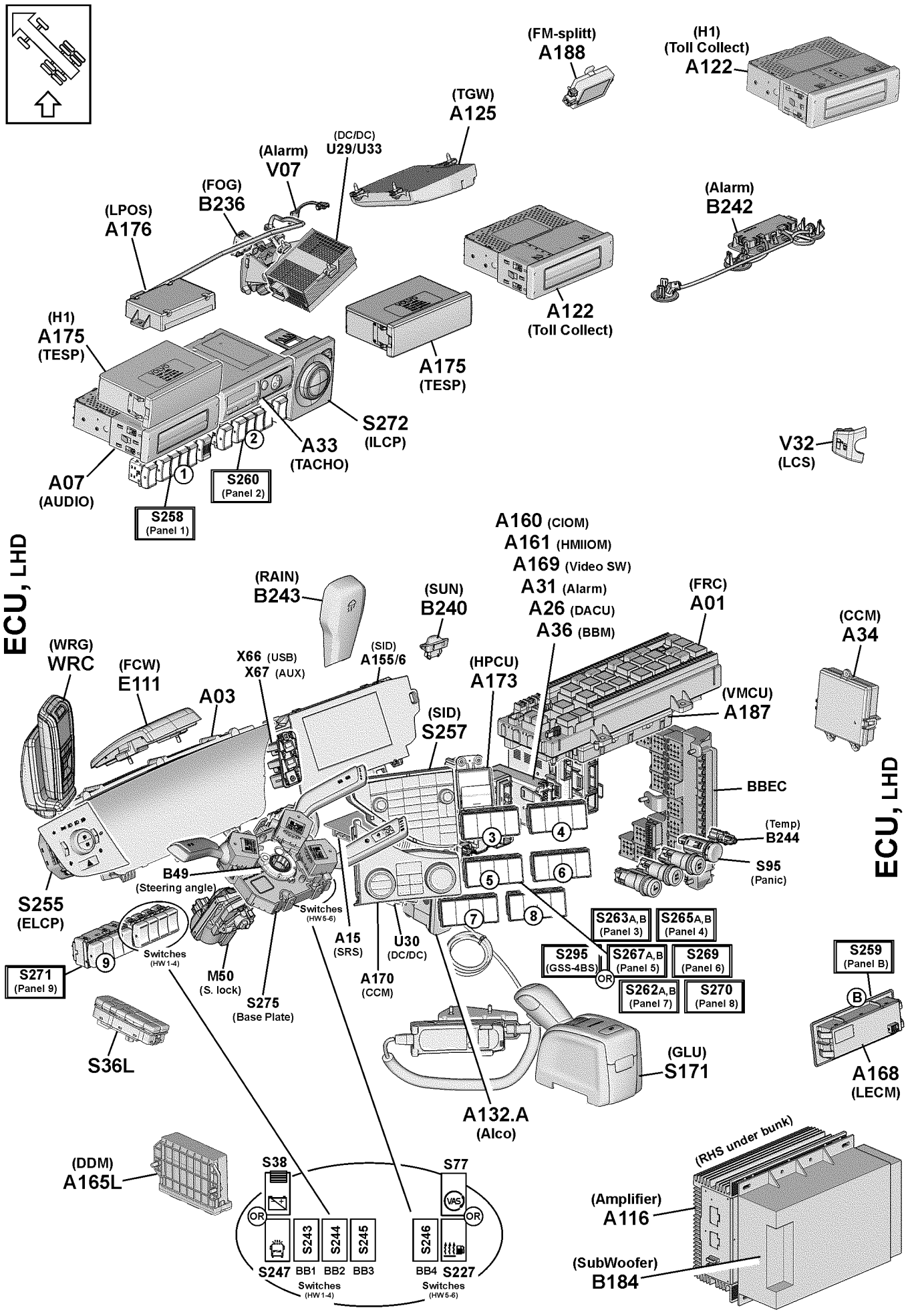

Power supply, BBOX-AC
(2 GY) XC322
XC321 (2 BK)
(Main front)
(2010)
(2000) XC301 (A162.X1)
(XC360) E128
X1
X2
A162 (FCIOM)
(GIC 020) XC302 (3000)
U08
(Main front)
(2010)
5.1 (Lower front)
(Alt.2) (Engine) X54
(CAB) 5.2
(RSTS-EHY) (2040, 2 GY) XC324
(U10, power) X25 (FM1)
(RCIOM) XC323 (2040, 2 BK)
(U10, ground) 5.5
(Frame) (Battery) 5.4
A163 (CCIOM)
X4
5.3 (ECU, IOM:s)
(Engine) 3.1
(Alt.1) (Engine) X54
S169 (2020)
XC315 (2010,2020)
U10 (2060) (TABS-12) (TRELC7C)
(Instrument) XC205 (B+) (ADR) XC207 (9 YE)
(2 BK) XC321 (FCIOM, A162.X1)
(Alt.2) (Engine) X54
(CAB) 5.2
5.1 (Lower front) (ACTST-TO)
(CAB) 1.0
(Horn, Lamps) (FCIOM, A162.X2) XC322 (2 GY)
A162 (FCIOM)
X1
X2
(ACTST-TO) A179L (X1)
(FRC) (Dashboard) (Firewall) 1.12
1.1 (CAB)
TIGHENING TORQUE M8 - 1.5 NM M8 - 2.0 NM M10 - 40 NM
FM13
FM12
FM11
FM10
FMB Starter
FMA Battery
FM2
FM1
FM9
FM8
FM7
FM6
FM5
FM4
FM3
T3086697

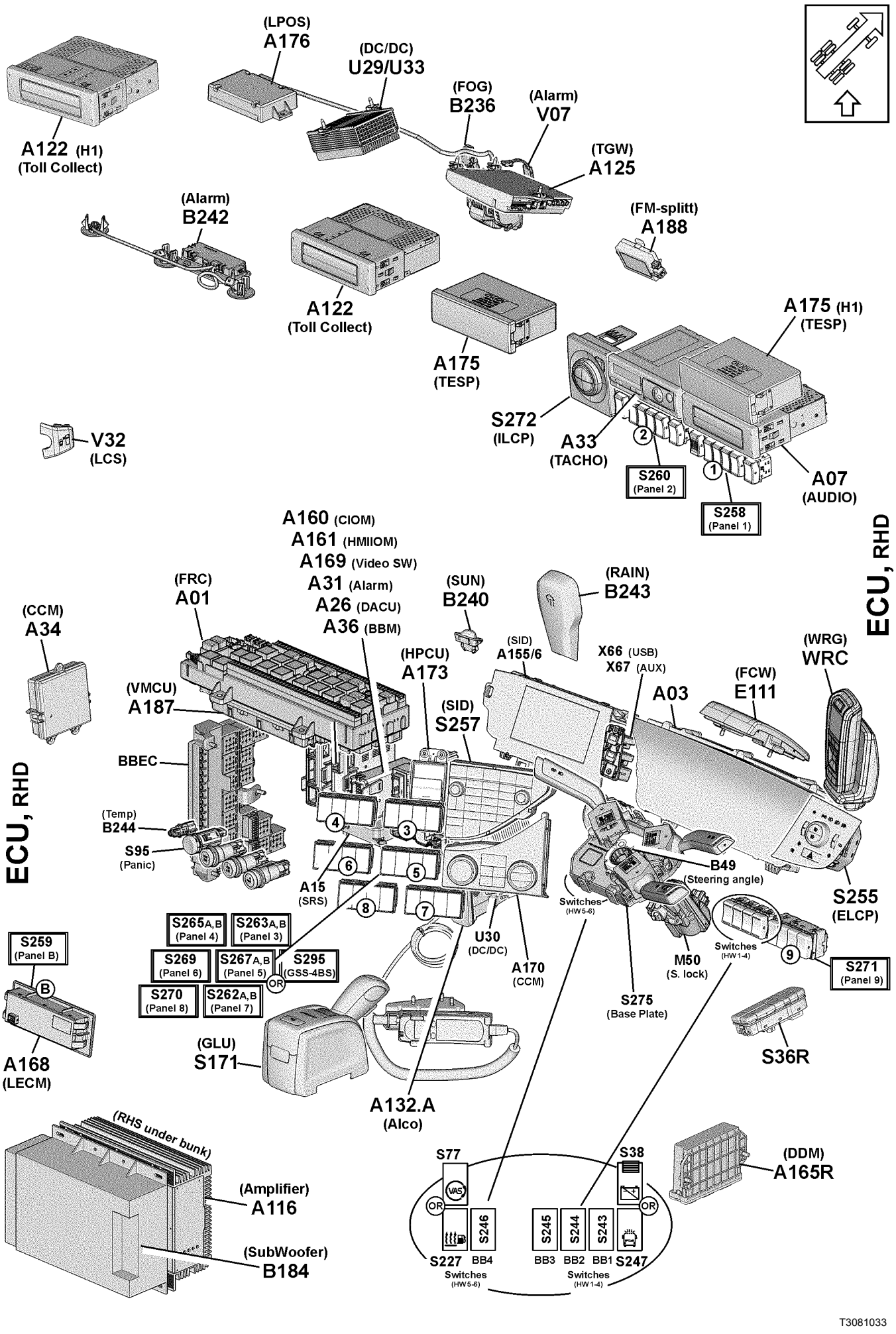
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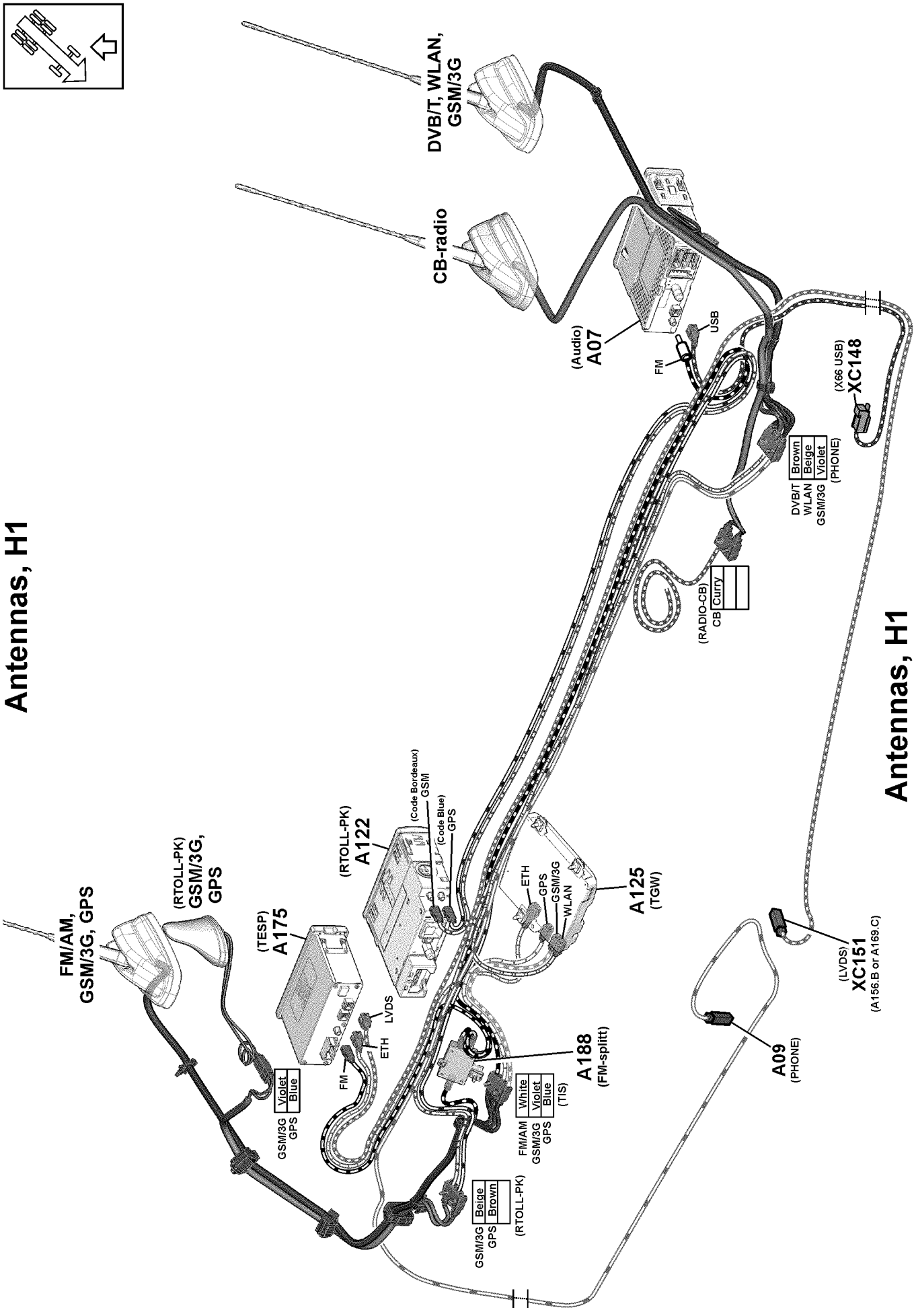



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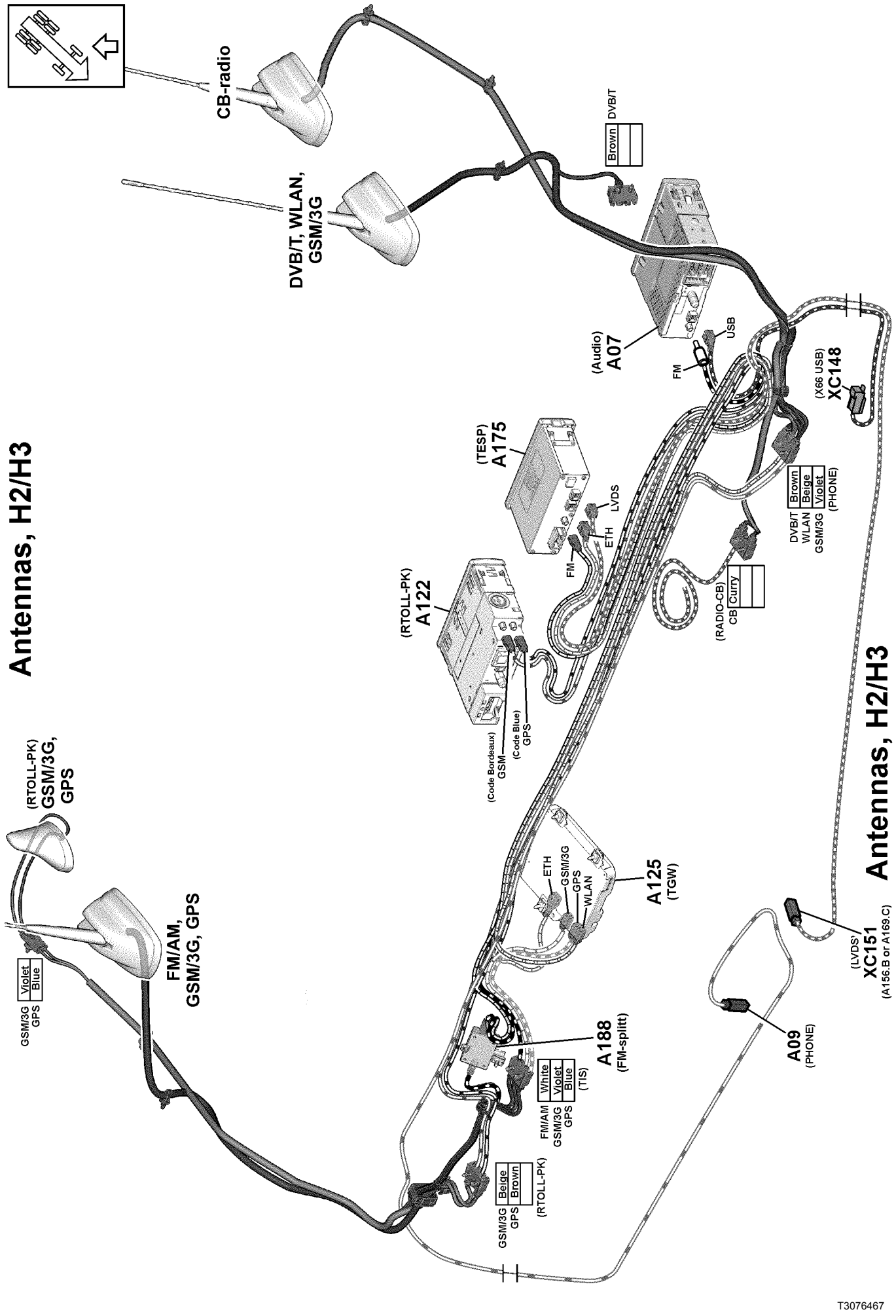

BBEC
A02P
A02X
A02Y
BBEC1
BBEC2
BB Relay K92
BB Relay (RHD) K35
BB Relay (RHD) K34
BB Relay K91
BB Relay K90
BB Relay K33
BB Relay K32
BB Relay K31
BB Relay K30
Gnd
BBxx
A01 FRC
A187 VMCU
CB1
CB2
CB3
CB4
CB5
CB6
CB7
CB8
CB9
CB10
CB11
CB12
CN1
CN2
CN3
CN11
CN12
A01.Stud:1 (Power supply)
(Ground)
A01.CB9:1
A01.CB11:1 (Coffe Maker)
(Micro wave oven)
F93
F49
F90
F80
F70
F60
F50
F40
F30
F20
F10
F07
F06
F04
F02
F31
F48
Spare 5 K26
EMS K27
CAB Tilt Pump K28
Seats Move. K24
Spare 7 K25
Spare 1 K21
Ignition K22
Mirror Heat. K23
Spare 6 K18
Trailer Body Light K19
BB Ignition K20
Full Beam Inside K15
Head Light W. pump K16
Spare 2 K17 Euro 6
Roof Light Sign K12
Becon Warning L. K13
Power Supply 3 K14 24V outlets
Engine Runn. K09
Extra Spot Lamps K10
Power Supply 4 K11 DC/DC 12V
Power Supply 2 K07
Accessory K08
CT1 Front Header Shelf
CT2
Sunroof Motor 1 K04
Sunroof Motor 2 K03
Widscreen Wiper Hi/Lo K06 Rain sensor
Widscreen Wiper Motor K05
Spare 4 K01
Refrig K02
50A.
30A.
20A.
15A.
10A.
5A.
3A.
A01.CCT2:1-2 (DC/DC 12V) (Front Header Shelf)
Extra
Extra pos Spare R14
Thermo line K69
K52A
K52B
(Front lid lock)
T3065102


(FM-splitt)
A188
(H1)
(Toll Collect)
A122
(TGW)
A125
(DC/DC)
U29/U33
(Alarm)
V07
(FOG)
B236
(LPOS)
A176
(Alarm)
B242
A122
(Toll Collect)
(H1)
A175
(TESP)
A175
(TESP)
S272
(ILCP)
A33
(TACHO)
A07
(AUDIO)
S260
(Panel 2)
S258
(Panel 1)
V32
(LCS)
ECU, LHD
A160 (CIOM)
A161 (HMIIOM)
A169 (Video SW)
A31 (Alarm)
A26 (DACU)
A36 (BBM)
(RAIN)
B243
(SUN)
B240
(FRC)
A01
(CCM)
A34
(WRG)
WRC
(FCW)
E111
A03
X66 (USB)
X67 (AUX)
(SID)
A155/6
(HPCU)
A173
(SID)
S257
(VMCU)
A187
BBEC
(Temp)
B244
S95
(Panic)
B49
(Steering angle)
S255
(ELCP)
Switches
(HW5-6)
A15
(SRS)
U30
(DC/DC)
S263A,B
(Panel 3)
S265A,B
(Panel 4)
S295
(GSS-4BS)
S267A,B
(Panel 5)
S269
(Panel 6)
S262A,B
(Panel 7)
S270
(Panel 8)
Switches
(HW1-4)
S271
(Panel 9)
M50
(S. lock)
S275
(Base Plate)
A170
(CCM)
S259
(Panel B)
S36L
(GLU)
S171
A168
(LECM)
A132.A
(Alco)
(DDM)
A165L
S38
S77
S247 BB1 BB2 BB3
Switches
(HW1-4)
BB4 S227
Switches
(HW5-6)
S243
S244
S245
S246
(RHS under bunk)
(Amplifier)
A116
(SubWoofer)
B184
T3081032

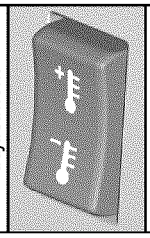
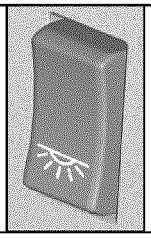
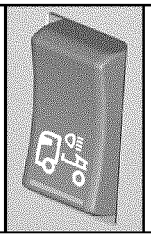
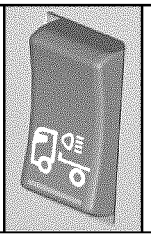
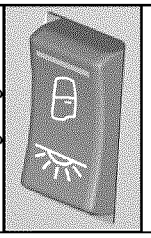
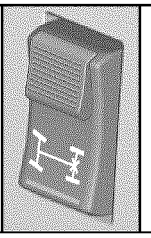
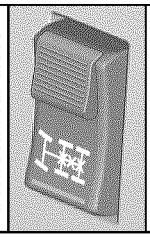
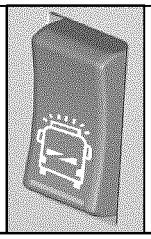
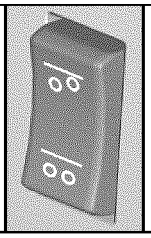
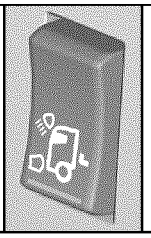
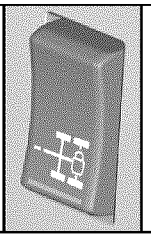
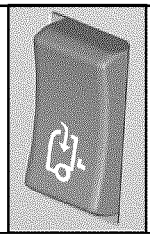
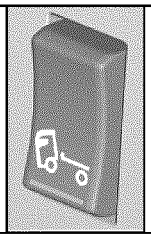
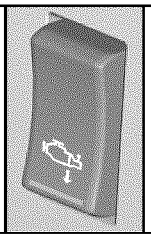
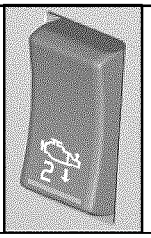
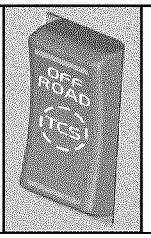
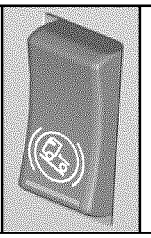
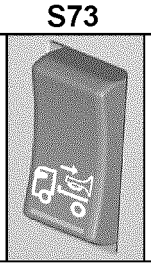
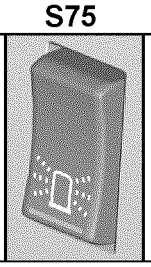
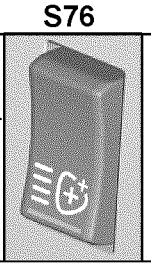
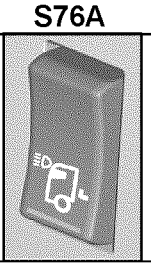
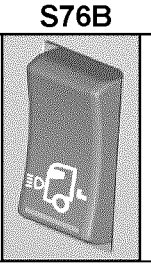
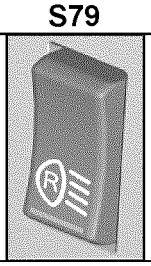
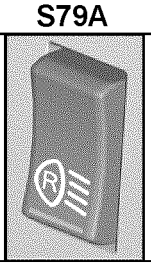
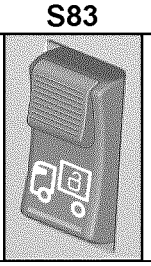
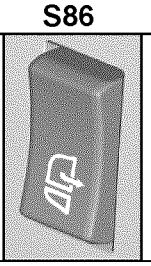
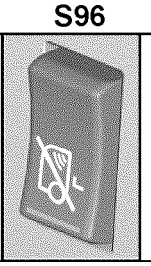
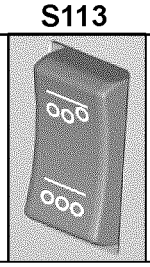
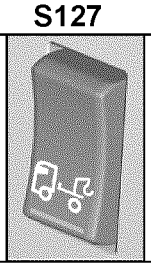
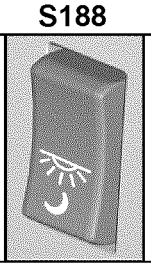
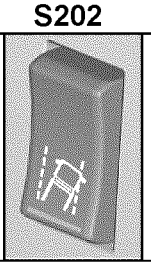
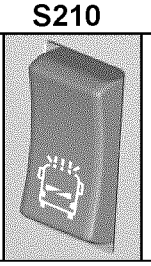
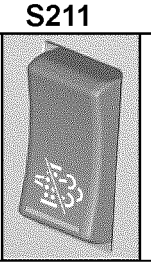

(LPOS)
A176
(DC/DC)
U29/U33
(FOG)
B236
(Alarm)
V07
(TGW)
A125
A122 (H1)
(Toll Collect)
(Alarm)
B242
(FM-splitt)
A188
A122
(Toll Collect)
A175 (H1)
(TESP)
A175
(TESP)
S272
(ILCP)
A33
(TACHO)
S260
(Panel 2)
S258
(Panel 1)
A07
(AUDIO)
V32
(LCS)
A160 (CIOM)
A161 (HMIIOM)
A169 (Video SW)
A31 (Alarm)
A26 (DACU)
A36 (BBM)
(FRC)
A01
(SUN)
B240
(RAIN)
B243
(CCM)
A34
(SID)
A155/6
X66 (USB)
X67 (AUX)
(WRG)
WRC
(HPCU)
A173
A03
(FCW)
E111
(VMCU)
A187
(SID)
S257
BBEC
(Temp)
B244
S95
(Panic)
B49
(Steering angle)
A15
(SRS)
Switches
(HW5-6)
S255
(ELCP)
S265A,B
(Panel 4)
S263A,B
(Panel 3)
S259
(Panel B)
S269
(Panel 6)
S267A,B
(Panel 5)
S295
(GSS-4BS)
OR
U30
(DC/DC)
A170
(CCM)
Switches
(HW1-4)
M50
(S. lock)
S271
(Panel 9)
S270
(Panel 8)
S262A,B
(Panel 7)
S275
(Base Plate)
S36R
(GLU)
S171
A168
(LECM)
A132.A
(Alco)
(RHS under bunk)
(Amplifier)
A116
(SubWoofer)
B184
S77
S38
(DDM)
A165R
S227
BB4
Switches
(HW5-6)
BB3
BB2
BB1
S247
Switches
(HW1-4)
ECU, RHD
ECU, RHD
T3081033


Antennas, H1
FM/AM, GSM/3G, GPS
(RTOLL-PK) GSM/3G, GPS
(TESP) A175
(RTOLL-PK) A122
(Code Bordeaux) GSM
(Code Blue) GPS
A125 (TGW)
ETH
GPS
GSM/3G
WLAN
A188 (FM-splitt)
LVDS
ETH
FM
GSM/3G GPS Violet Blue
FM/AM GSM/3G GPS White Violet Blue (TIS)
GSM/3G GPS Beige Brown (RTOLL-PK)
CB-radio
DVB/T, WLAN, GSM/3G
(Audio) A07
FM
USB
(X66 USB) XC148
DVB/T WLAN GSM/3G Brown Beige Violet (PHONE)
(RADIO-CB) CB Curry
A09 (PHONE)
(LVDS) XC151 (A156.B or A169.C)
Antennas, H1

T3065123


Antennas, H2/H3
CB-radio
DVB/T, WLAN, GSM/3G
DVB/T
Brown
(Audio)
A07
FM
USB
(X66 USB)
XC148
(TESP)
A175
LVDS
ETH
FM
DVB/T
WLAN
GSM/3G
Brown
Beige
Violet
(PHONE)
(RADIO-CB)
CB
Curry
(RTOLL-PK)
A122
(Code Bordeaux)
GSM
(Code Blue)
GPS
(RTOLL-PK)
GSM/3G,
GPS
FM/AM,
GSM/3G, GPS
GSM/3G
GPS
Violet
Blue
ETH
GSM/3G
GPS
WLAN
A125
(TGW)
A188
(FM-splitt)
FM/AM
GSM/3G
GPS
White
Violet
Blue
(TIS)
GSM/3G
GPS
Beige
Brown
(RTOLL-PK)
A09
(PHONE)
(LVDS)
XC151
(A156.B or A169.C)
Antennas, H2/H3
T3076467

Switches

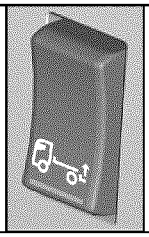
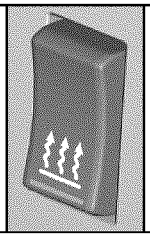
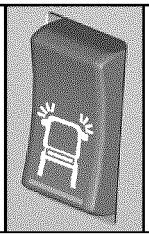
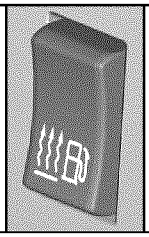
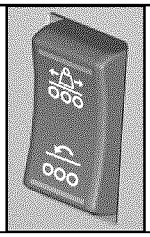
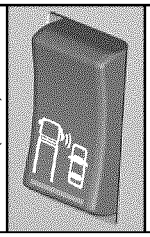
| B02B | S02 | S03 | S03A | S05A | S08 |
|---|---|---|---|---|---|
| Temperature adjustment | Interior lighting | Work lights, fifth wheel | Work lights, cab rear | Automatic interior lighting | Diferential lock rear |
|  |  |  |  |  |  |
| **S09** | **S10** | **S11** | **S12** | **S20** | |
| Differential lock between rear axles | Roof sign light | Bogie lift | Plough lights | Steering lock, rear axle | |
|  |  |  |  |  | |
| **S23** | **S26** | **S28A** | **S28B** | **S31** | **S32** |
| Roof hatch | Cab tilt | Power take off 1 | Power take off 2 | Traction control | Hill start aid |
|  |  |  |  |  |  |
| | **S73** | **S75** | **S76** | **S76A** | **S76B** |
| | Reverse warning | Warning lamp, roof | Auxiliary lamps, headlamps | Headlamps roof | Headlamps front |
| |  |  |  |  |  |
| | **S79** | **S79A** | **S83** | **S86** | **S96** |
| | Side revers/working light | Side working light | Container lock | Folding mirrors | Alarm reduce set |
| |  |  |  |  |  |
| **S113** | **S127** | **S188** | **S202** | **S210** | **S211** |
| Tridem axle lift | Crane | Interior lighting, night | Lane keeping support (LKS) | Identification light | Regeneration |
|  |  |  |  |  |  |

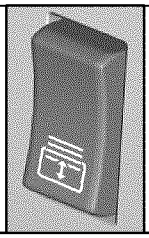
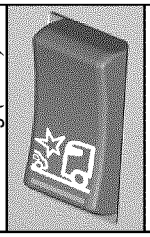
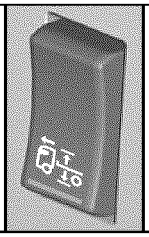
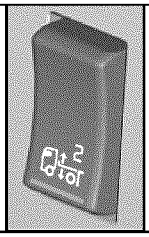
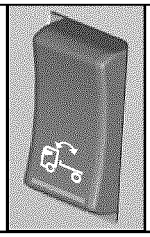
Switches

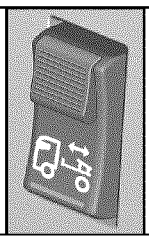
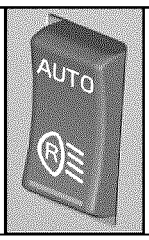
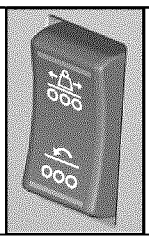
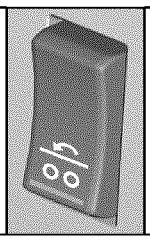
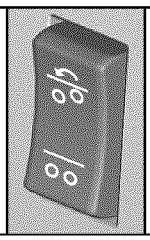
# Flexible switches

| *Component number* | *Switch id* | *Description* |
|---|---|---|
| B02B | 3 | Switch, parking heater adjustment |
| S02 | 1 | Switch, interior light |
| S03 | 23 | Switch, fifth wheel light |
| S03A | 24 | Switch, working light cab back |
| S05A | 5 | Switch, interior light and door auto |
| S08 | 35 | Switch, diff. lock rear wheels |
| S09 | 36 | Switch, diff. lock inter axle and rear wheel |
| S10 | 15 | Switch, roof sign light |
| S11 | 42 | Switch, bogie lift |
| S12 | 20 | Switch, plough light |
| S20 | 34 | Switch, 3:rd axle lock |
| S23 | 4 | Switch, roof hatch |
| S26 | 12 | Switch, cab tilt |
| S28A | 50 | Switch, power take off 1 |
| S28B | 51 | Switch, power take off 2 |
| S31 | 38 | Switch, traction control |
| S32 | 39 | Switch, hill start aid |
| S73 | 29 | Switch, back up alarm |
| S75 | 16 | Switch, beacon warning light |
| S76 | 14 | Switch, extra main beams |
| S76A | 17 | Switch, spot light roof |
| S76B | 18 | Switch, spot light front |
| S79 | 22 | Switch, side reverse/working light |
| S79A | 22 | Switch, side working light |
| S83 | 10 | Switch, fifth wheel slide lock/container lock |
| S96 | 13 | Switch, alarm reduced set |
| S113 | 44, 45 | Switch, tridem axle lift |
| S127 | 27 | Switch, crane |
| S188 | 26 | Switch, interior light, night light |
| S202 | 30 | Switch, lane keeping support |
| S210 | 15 | Switch, identification light |
| S211 | 66 | Switch, regeneration inhibit |

Switches

| S212 | S218 | S220 | S227 | S228 | S229 |
|---|---|---|---|---|---|
| Tail-lift | Parking heater | Static bending light | Fuel pre-heater | Tridem bogie control | Lane change support (LCS) |
|  |  |  |  |  |  |

| S238 | S300 | S301 | S302 | S303 | S304 |
|---|---|---|---|---|---|
| Sun blind | Forward collision warning (FCW) | Alt. ride height | Alt. load height | Height mode ferry transort | Kneeling |
|  |  |  |  |  |  |

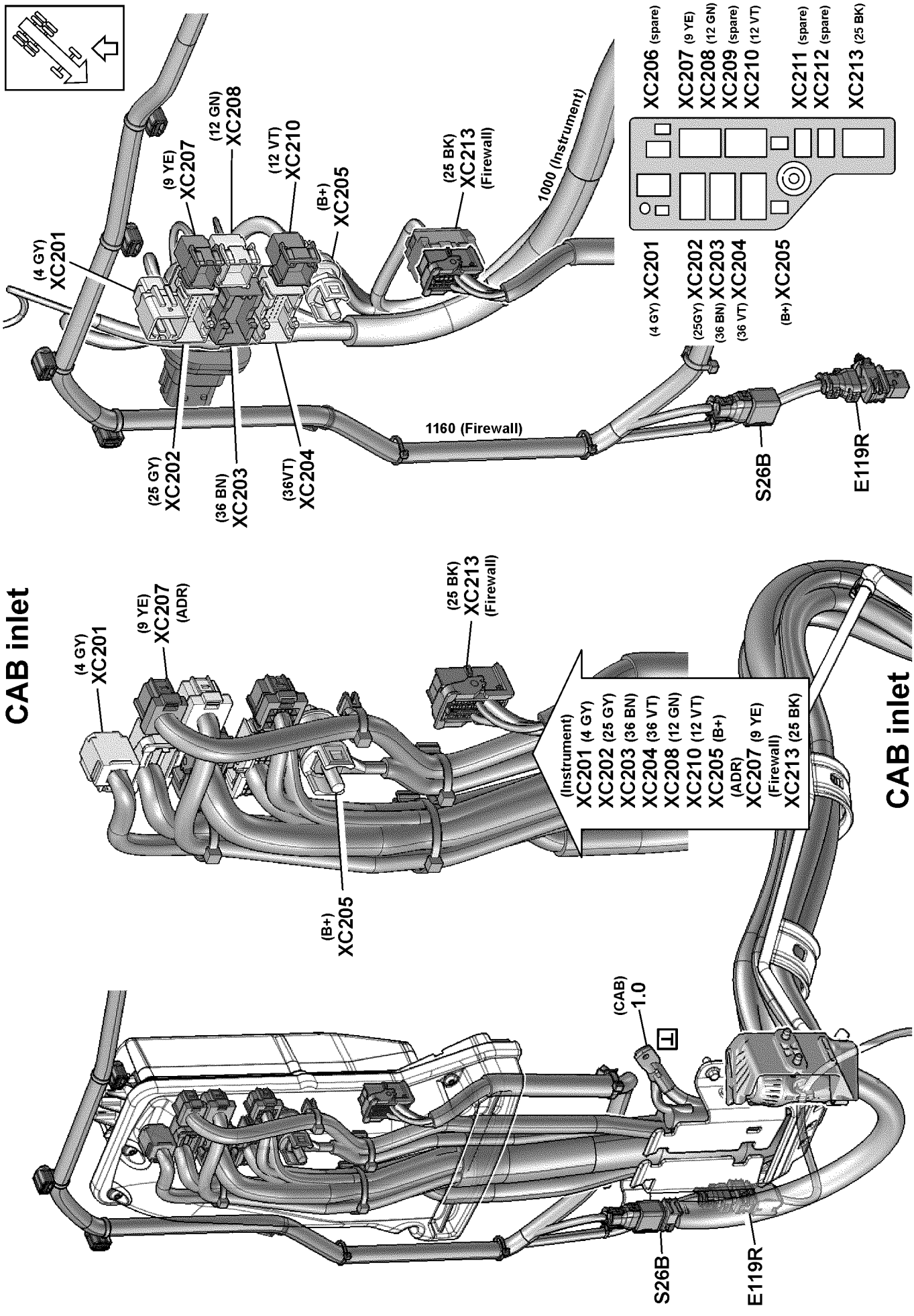
| S305 | S306 | S308 | S309/S311 | S310 | S312 |
|---|---|---|---|---|---|
| Reposition fifth wheel | Driver alert support (DAS) | Auto reversing light | Alt. load distribution/ maximum traction | Maximum traction | Traction/ bogie lift |
|  |  |  |  |  |  |

Switches

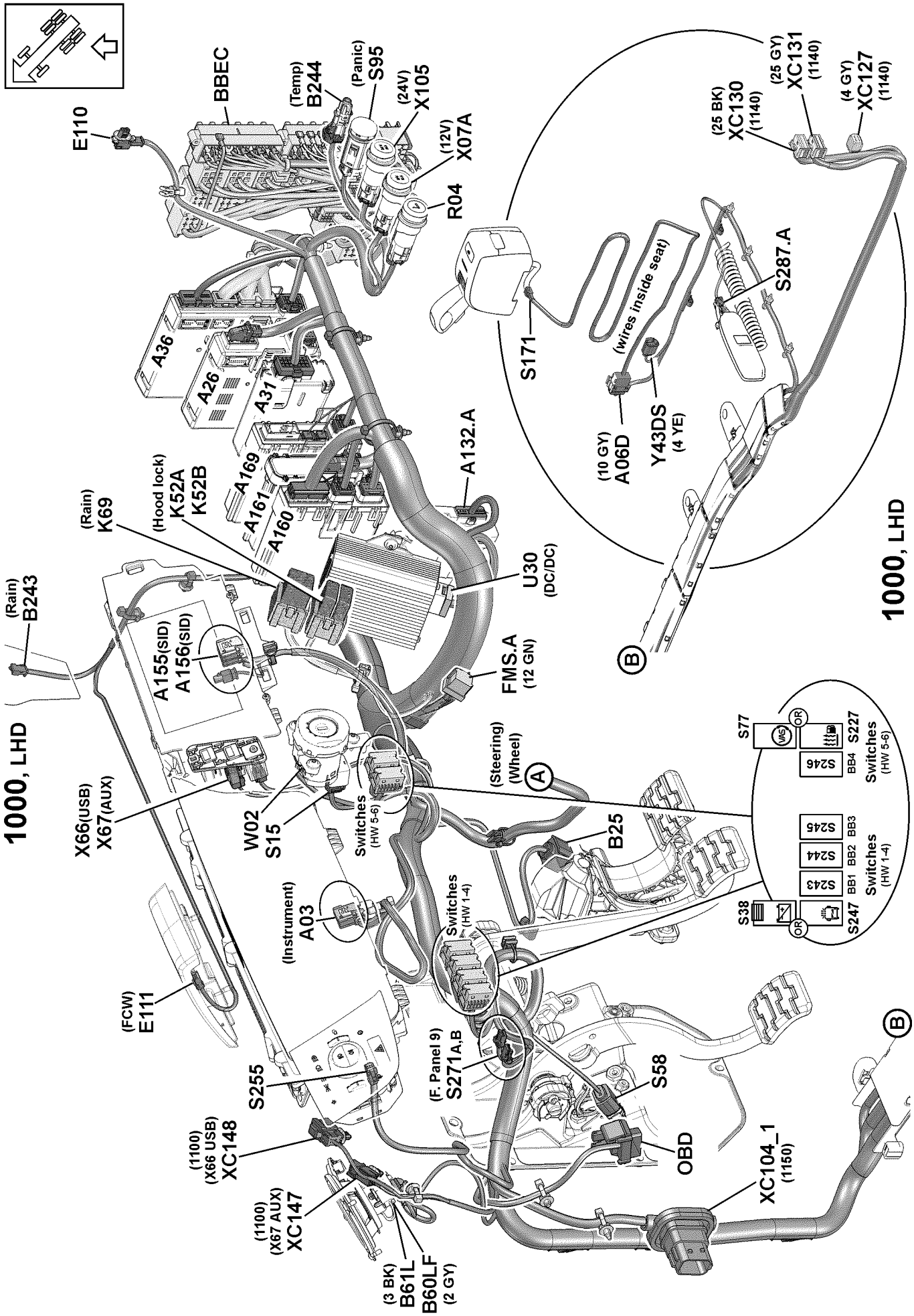
T3065101

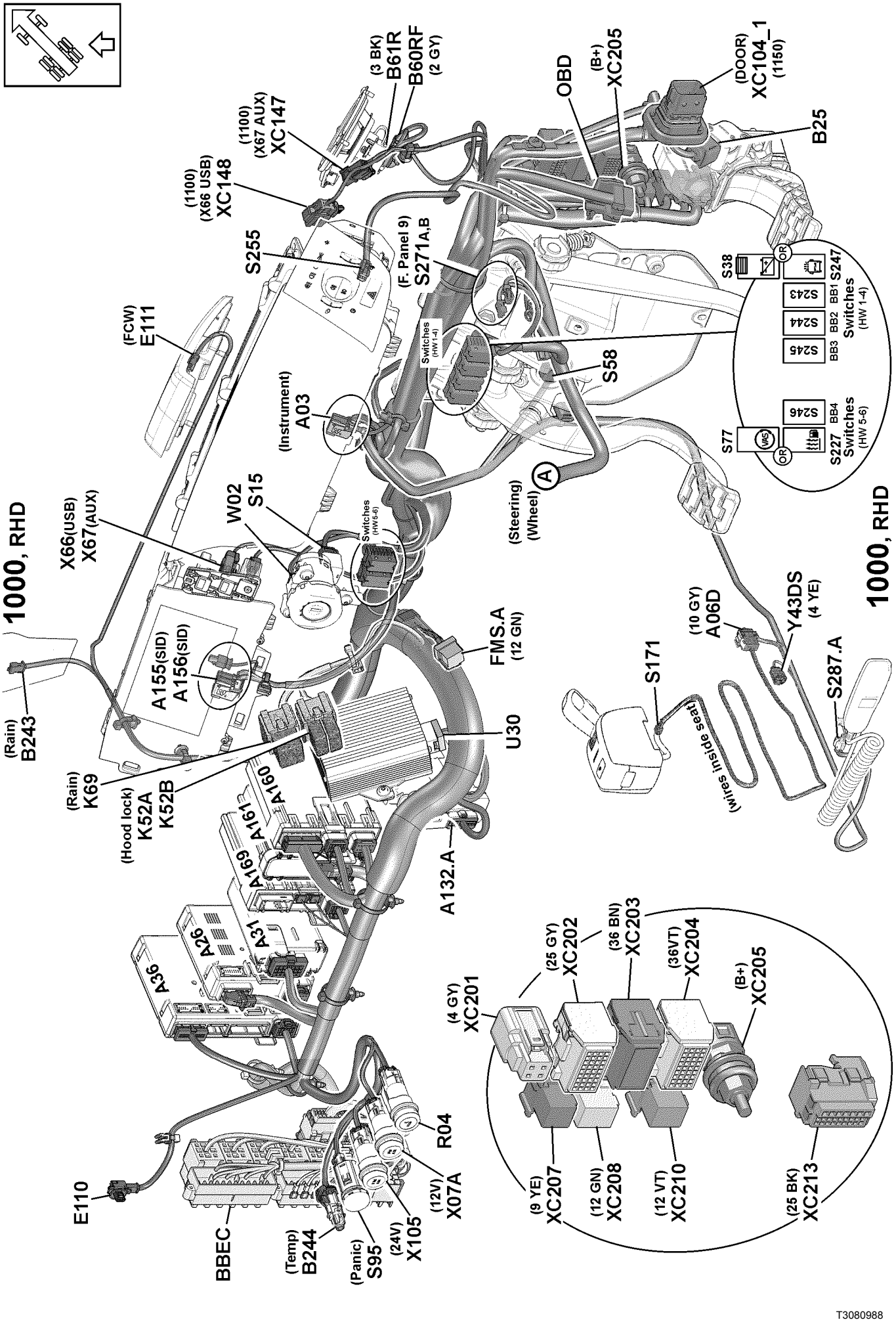
# Flexible switches

| *Component number* | *Switch id* | *Description* |
|---|---|---|
| S212 | 8 | Switch, tail lift |
| S218 | 2 | Switch, parking heater |
| S220 | 19 | Switch, static corner light |
| S228 | 40, 41, 42, 43 | Switch, tridem bogie control |
| S299 | 31 | Switch, Lane Change Support, LCS |
| S300 | 32 | Switch, Forward Collision Warning, FCW |
| S301 | 48 | Switch, alt. ride height |
| S302 | 61 | Switch, alt. loading height |
| S303 | 63 | Switch, height mode, ferry transport |
| S304 | 62 | Switch, kneeling |
| S305 | 9 | Switch, reposition fifth wheel |
| S306 | 33 | Switch, Driver Alert Support, DAS |
| S308 | 21 | Switch, auto reversing light |
| S309 | 47 | Switch, alt. power transfer/maximum traction |
| S310 | 41 | Switch, maximum traction |
| S311 | 47 | Switch, alt. load distribution/maximum traction |
| S312 | 48 | Switch, traction bogie lift |


(4 GY) XC201
(9 YE) XC207
(12 GN) XC208
(12 VT) XC210
(B+) XC205
(25 BK) XC213 (Firewall)
1000 (Instrument)
XC206 (spare)
XC207 (9 YE)
XC208 (12 GN)
XC209 (spare)
XC210 (12 VT)
XC211 (spare)
XC212 (spare)
XC213 (25 BK)
(4 GY) XC201
(25GY) XC202
(36 BN) XC203
(36 VT) XC204
(B+) XC205
(25 GY) XC202
(36 BN) XC203
(36VT) XC204
1160 (Firewall)
S26B
E119R
CAB inlet
(4 GY) XC201
(9 YE) XC207 (ADR)
(25 BK) XC213 (Firewall)
(B+) XC205
(Instrument)
XC201 (4 GY)
XC202 (25 GY)
XC203 (36 BN)
XC204 (36 VT)
XC208 (12 GN)
XC210 (12 VT)
XC205 (B+)
(ADR)
XC207 (9 YE)
(Firewall)
XC213 (25 BK)
(CAB) 1.0
S26B
E119R
CAB inlet

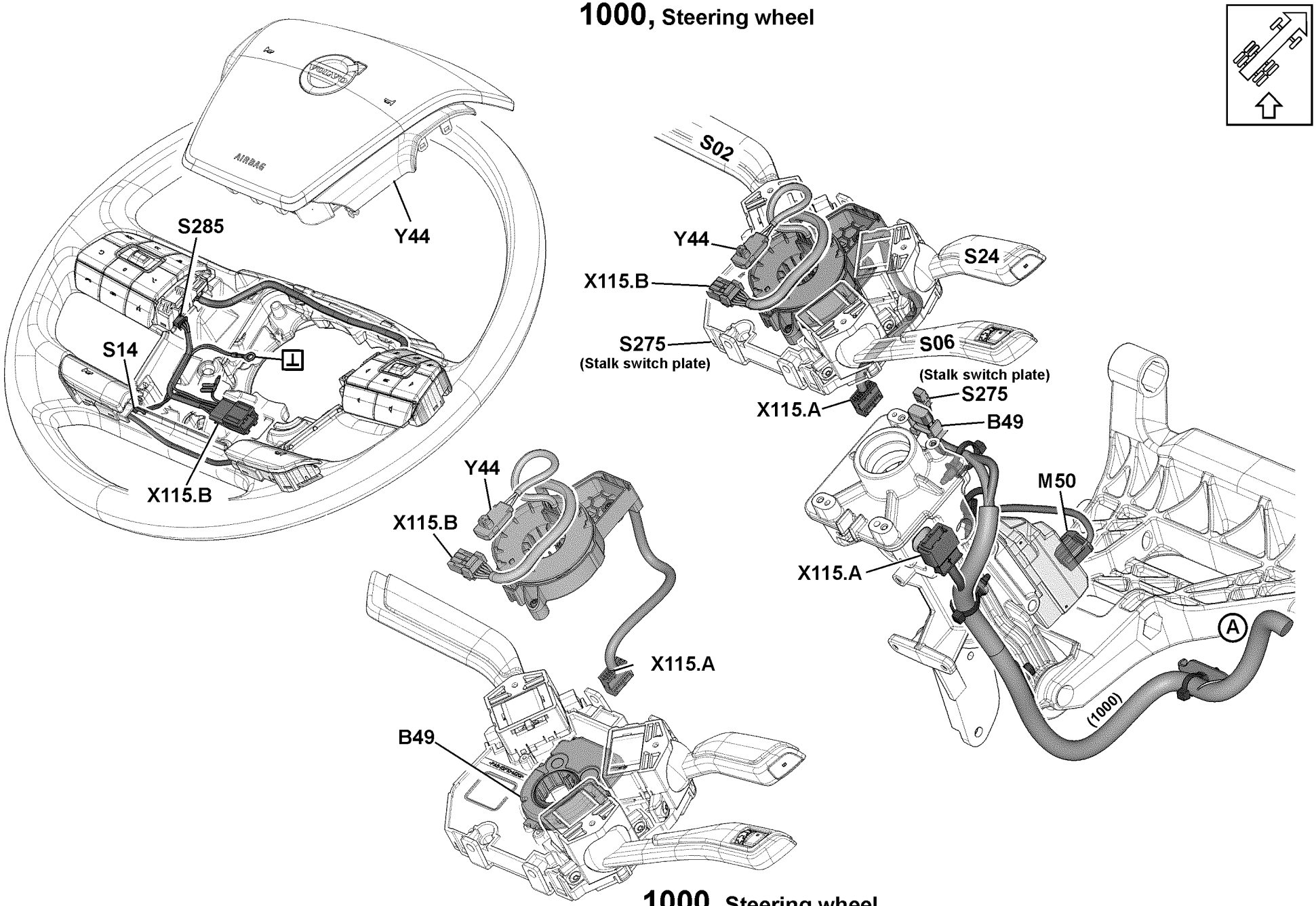
T3065124


1000, LHD
E110
BBEC
(Temp) B244
(Panic) S95
(24V) X105
(12V) X07A
R04
A36
A26
A31
A169
A161
A160
A132.A
(Rain) K69
(Hood lock) K52A K52B
U30 (DC/DC)
(Rain) B243
A155(SID) A156(SID)
FMS.A (12 GN)
X66(USB) X67(AUX)
W02 S15
Switches (HW 5-6)
(Steering) (Wheel)
B25
(Instrument) A03
Switches (HW 1-4)
(FCW) E111
S255
(F. Panel 9) S271A,B
S58
OBD
XC104_1 (1150)
(1100) (X66 USB) XC148
(1100) (X67 AUX) XC147
(3 BK) B61L
B60LF (2 GY)
S171
(wires inside seat)
S287.A
(10 GY) A06D
Y43DS (4 YE)
(25 BK) XC130 (1140)
(25 GY) XC131 (1140)
(4 GY) XC127 (1140)
S77
S246
BB4
S227
Switches (HW 5-6)
S245
S244
S243
BB1 BB2 BB3
Switches (HW 1-4)
S38
S247
OR
1000, LHD
T3080987


1000, RHD
(Rain) B243
X66(USB) X67(AUX)
(Rain) K69
(Hood lock) K52A K52B
A155(SID) A156(SID)
W02 S15
Switches (HW5-6)
(Instrument) A03
(FCW) E111
S255
(1100) (X66 USB) XC148
(1100) (X67 AUX) XC147
(3 BK) B61R B60RF (2 GY)
(F. Panel 9) S271A,B
Switches (HW 1-4)
S58
(Steering) (Wheel)
A
OBD
(B+) XC205
(DOOR) XC104_1 (1150)
B25
S38
S247 BB1
S243
S244 BB2
S245 BB3
Switches (HW 1-4)
S77
S246 BB4
S227
Switches (HW 5-6)
FMS.A (12 GN)
U30
A132.A
A169 A161 A160
A36 A26 A31
(10 GY) A06D
Y43DS (4 YE)
S171
(wires inside seat)
S287.A
1000, RHD
E110
BBEC
(Temp) B244
(Panic) S95
(24V) X105
(12V) X07A
R04
(4 GY) XC201
(25 GY) XC202
(36 BN) XC203
(36VT) XC204
(B+) XC205
(9 YE) XC207
(12 GN) XC208
(12 VT) XC210
(25 BK) XC213

T3080988

# 1000, Steering wheel

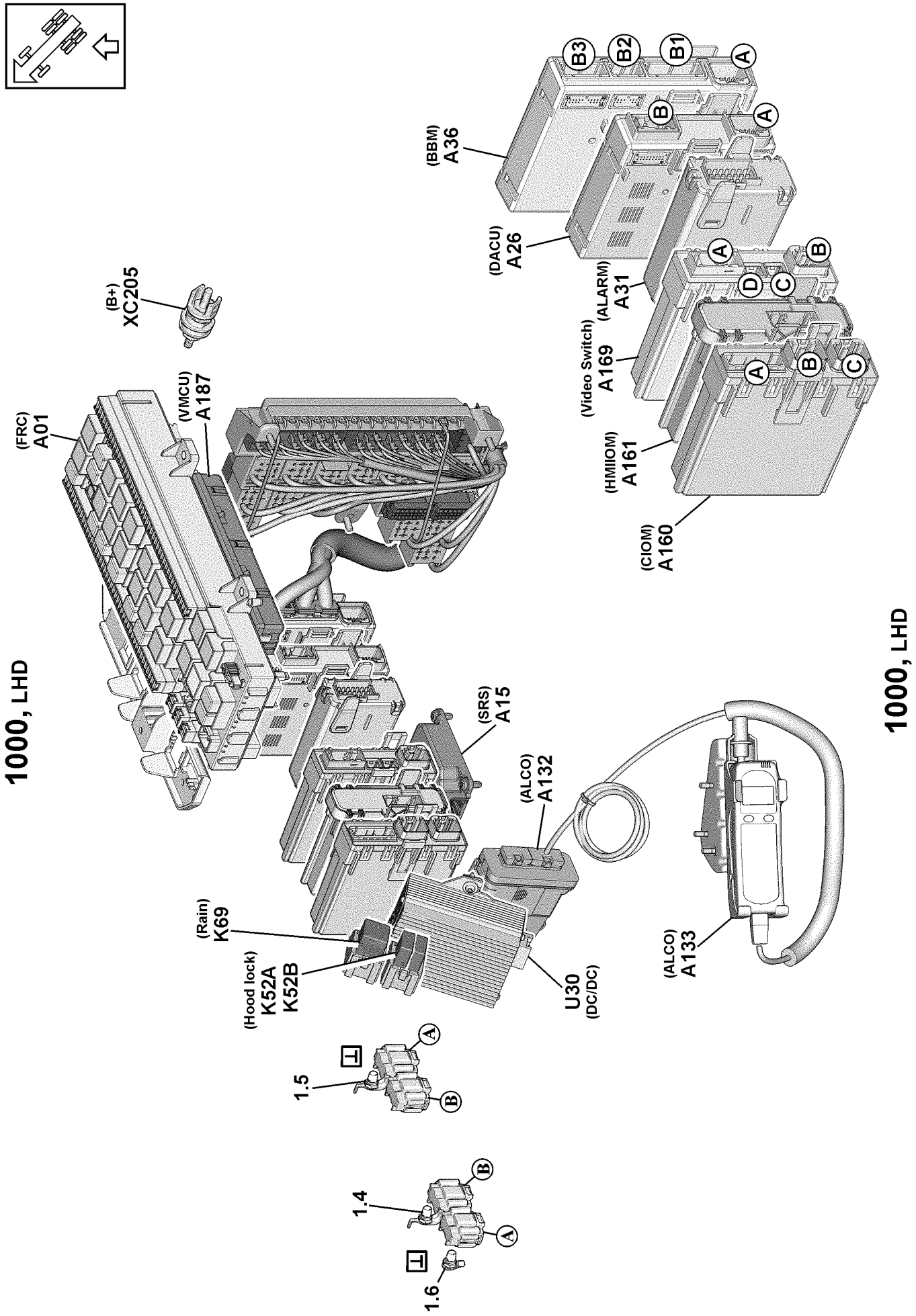



# 1000, Steering wheel

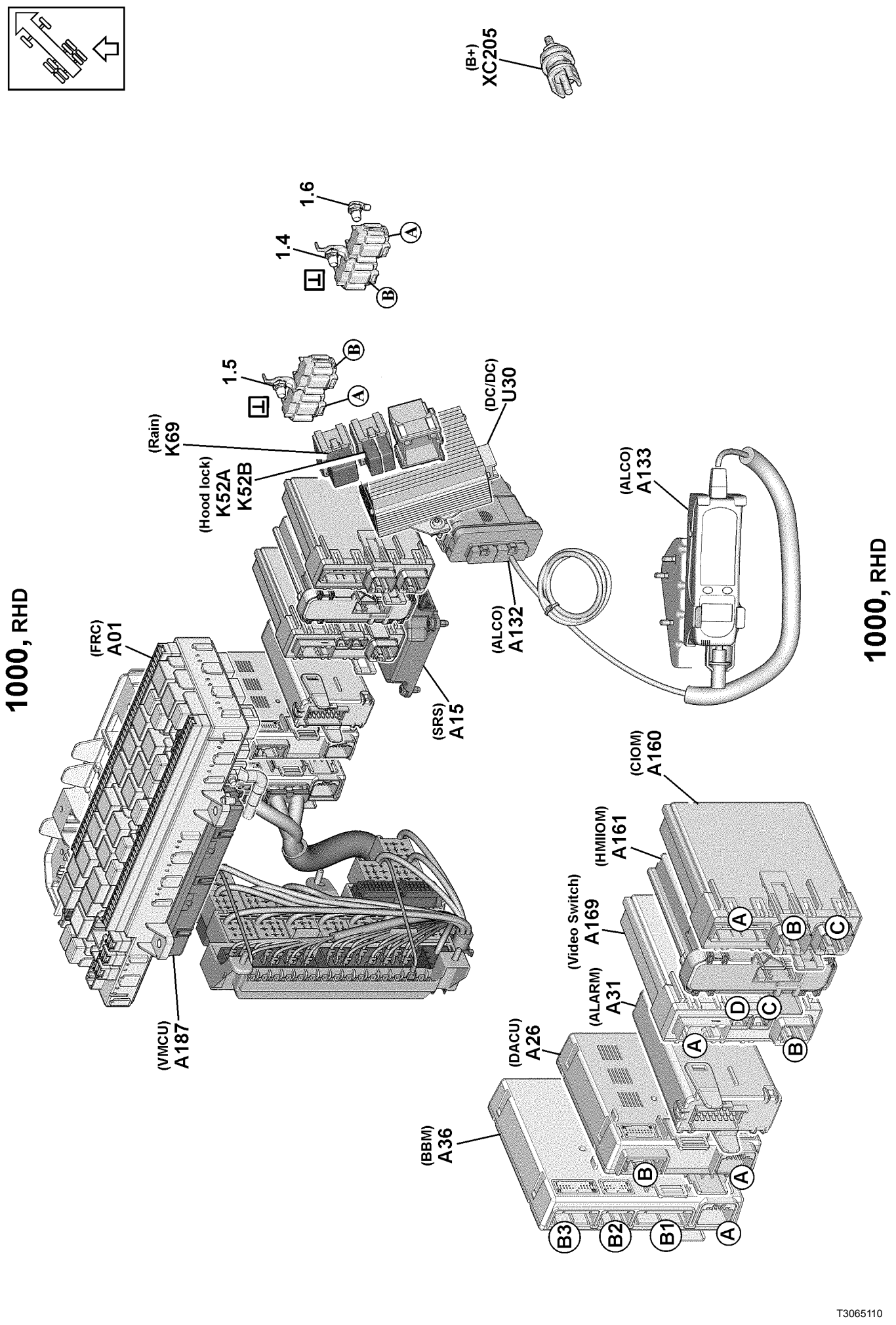
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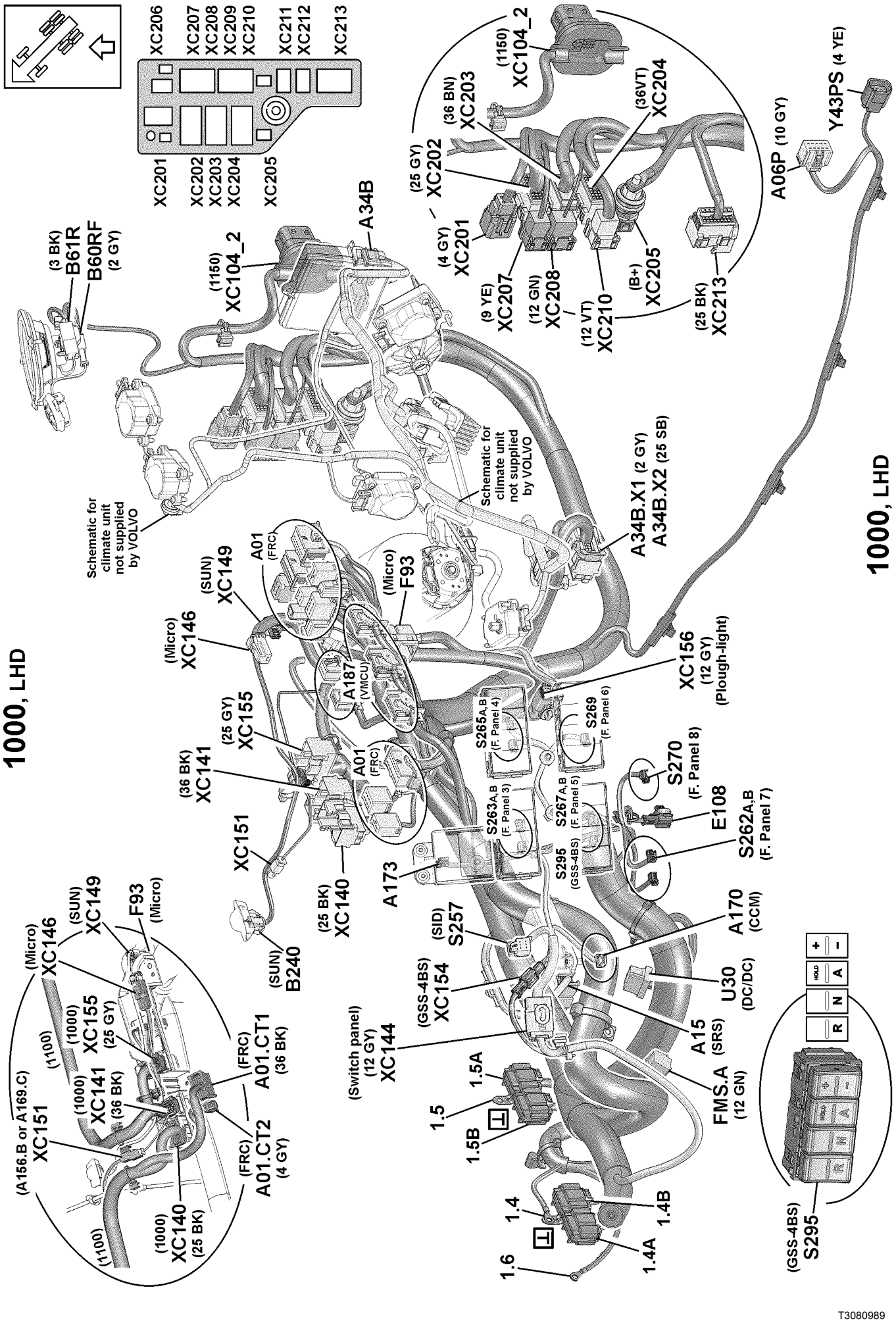


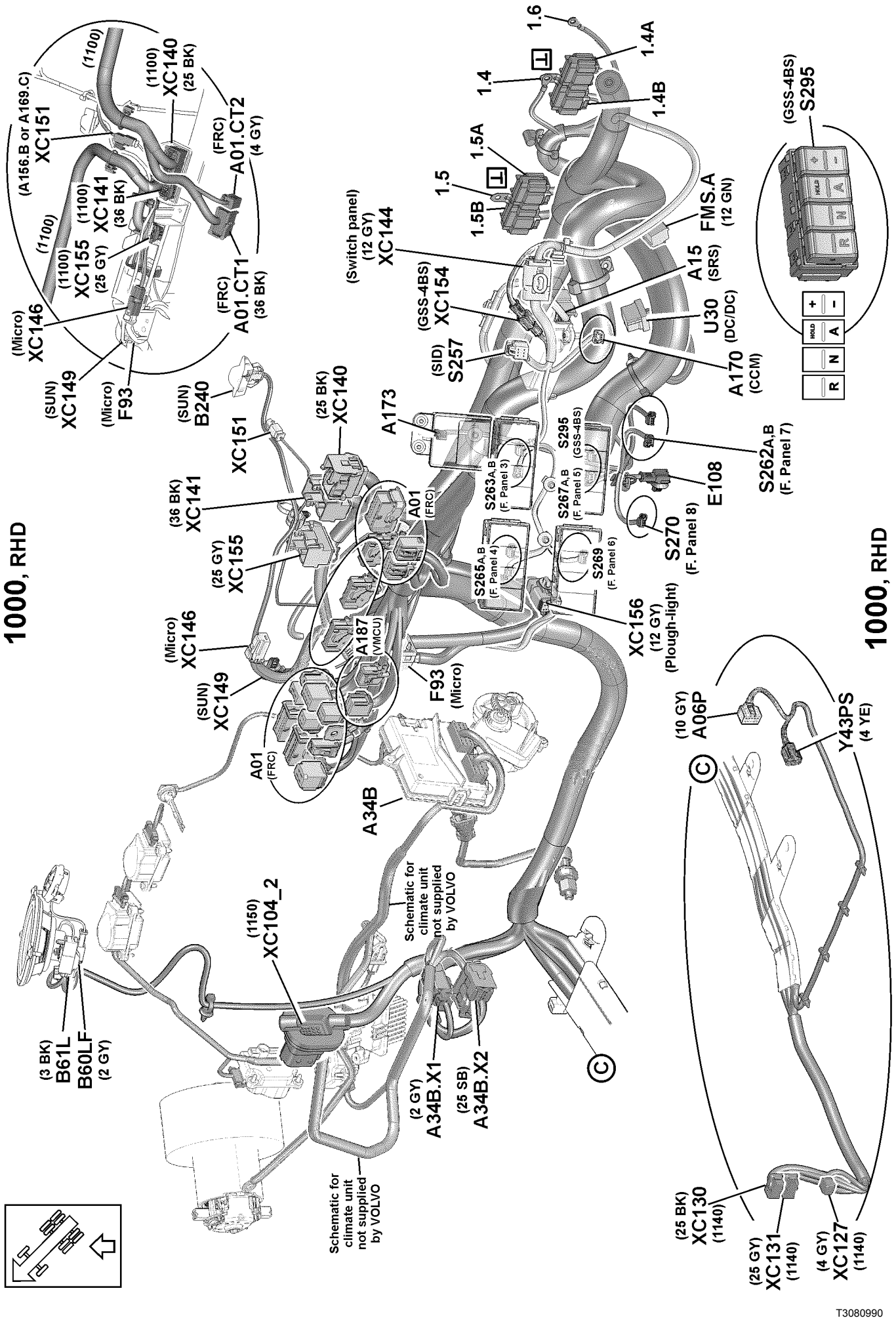
https://truckmanualshub.com/

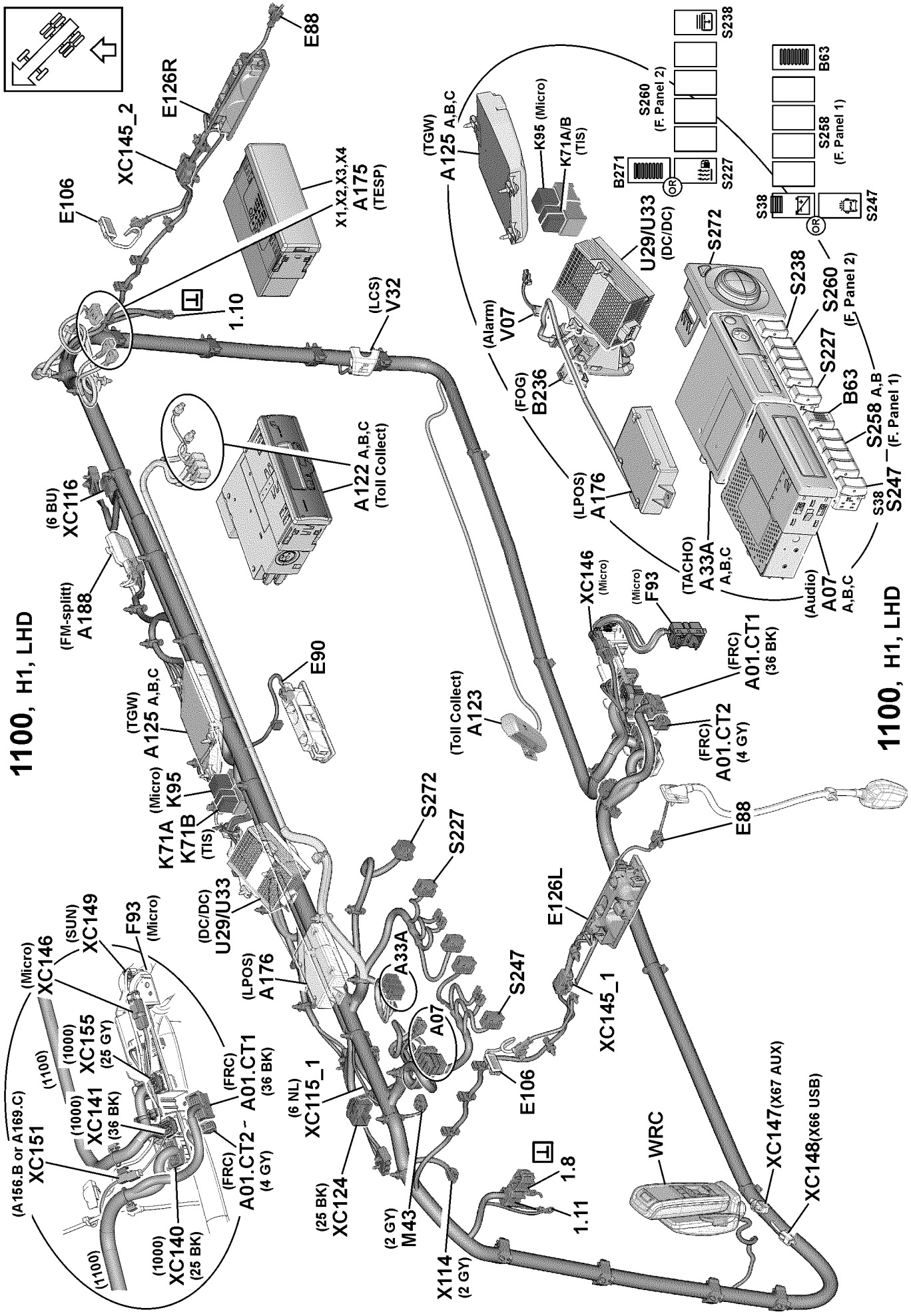

1000, LHD
(B+)
XC205
(FRC)
A01
(VMCU)
A187
(BBM)
A36
(DACU)
A26
(ALARM)
A31
(Video Switch)
A169
(HMIIOM)
A161
(CIOM)
A160
(SRS)
A15
(ALCO)
A132
(Rain)
K69
(Hood lock)
K52A
K52B
U30
(DC/DC)
(ALCO)
A133
1.5
1.4
1.6
1000, LHD

T3065109

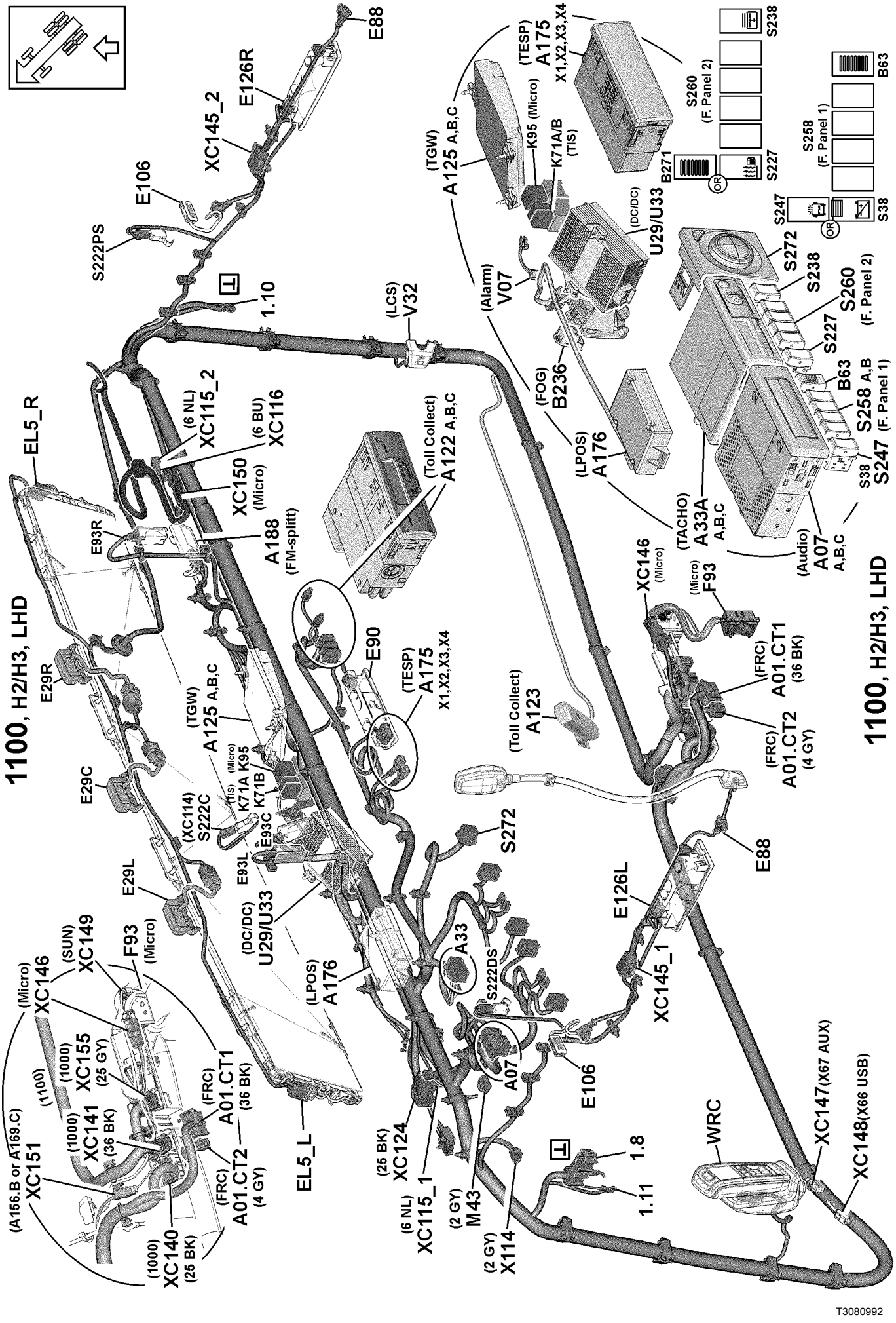

1000, RHD
(B+)
XC205
1.6
1.4
1.5
(Rain)
K69
(Hood lock)
K52A
K52B
(DC/DC)
U30
(ALCO)
A133
(ALCO)
A132
(FRC)
A01
(SRS)
A15
(CIOM)
A160
(HMIOM)
A161
(Video Switch)
A169
(ALARM)
A31
(DACU)
A26
(BBM)
A36
(VMCU)
A187
1000, RHD
T3065110

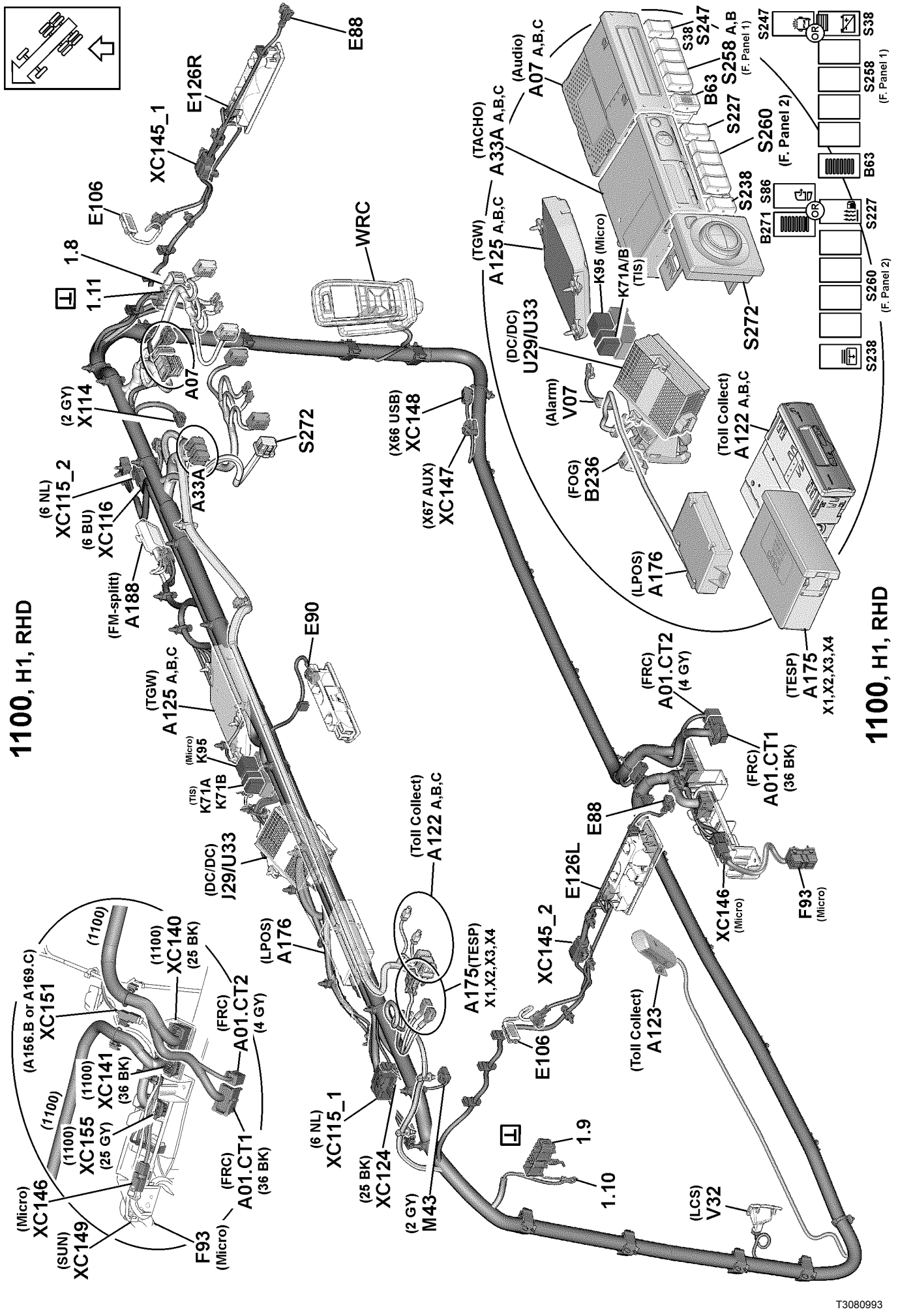

1000, LHD
XC201
XC202
XC203
XC204
XC205
XC206
XC207
XC208
XC209
XC210
XC211
XC212
XC213
(3 BK) B61R
B60RF (2 GY)
(1150) XC104_2
A34B
Schematic for climate unit not supplied by VOLVO
Schematic for climate unit not supplied by VOLVO
(25 GY) XC202
(4 GY) XC201
(36 BN) XC203
(1150) XC104_2
(36VT) XC204
(9 YE) XC207
(12 GN) XC208
(12 VT) XC210
(B+) XC205
(25 BK) XC213
A06P (10 GY)
Y43PS (4 YE)
A34B.X1 (2 GY)
A34B.X2 (25 SB)
(SUN) XC149
A01 (FRC)
(Micro) F93
(Micro) XC146
A187 (VMCU)
(25 GY) XC155
(36 BK) XC141
A01 (FRC)
XC151
(SUN) B240
(25 BK) XC140
A173
S265A,B (F. Panel 4)
S269 (F. Panel 6)
S263A,B (F. Panel 3)
S267A,B (F. Panel 5)
S295 (GSS-4BS)
XC156 (12 GY) (Plough-light)
S270 (F. Panel 8)
E108
S262A,B (F. Panel 7)
(SID) S257
(GSS-4BS) XC154
(Switch panel) (12 GY) XC144
A170 (CCM)
U30 (DC/DC)
A15 (SRS)
FMS.A (12 GN)
1.5A
1.5
1.5B
1.4
1.4A
1.4B
1.6
(A156.B or A169.C) XC151
(1100)
(1000) XC155 (25 GY)
(1000) XC141 (36 BK)
(1000) XC140 (25 BK)
(Micro) XC146
(SUN) XC149
F93 (Micro)
(FRC) A01.CT1 (36 BK)
(FRC) A01.CT2 (4 GY)
R N A HOLD + -
(GSS-4BS) S295
1000, LHD
T3080989

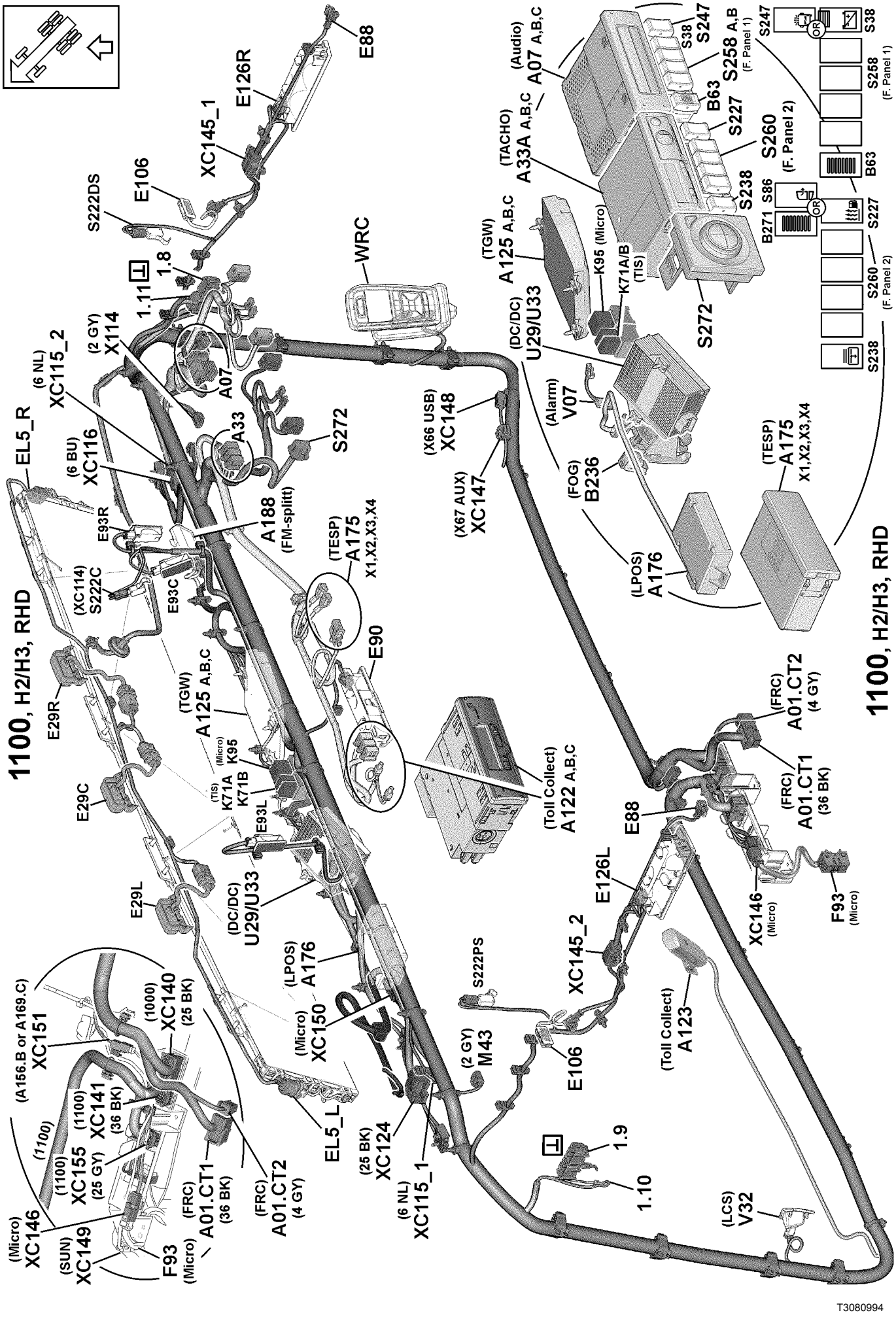

1000, RHD
(A156.B or A169.C)
XC151
(1100)
XC140
(25 BK)
(FRC)
A01.CT2
(4 GY)
(1100)
XC141
(36 BK)
(1100)
XC155
(25 GY)
(1100)
(Micro)
XC146
(SUN)
XC149
(Micro)
F93
(FRC)
A01.CT1
(36 BK)
(SUN)
B240
XC151
(25 BK)
XC140
(36 BK)
XC141
(25 GY)
XC155
(Micro)
XC146
(SUN)
XC149
A01
(FRC)
A187
(VMCU)
F93
(Micro)
A34B
(3 BK)
B61L
B60LF
(2 GY)
(1150)
XC104_2
Schematic for climate unit not supplied by VOLVO
(2 GY)
A34B.X1
(25 SB)
A34B.X2
Schematic for climate unit not supplied by VOLVO
(Switch panel)
(12 GY)
XC144
(GSS-4BS)
XC154
(SID)
S257
A173
S263A,B
(F. Panel 3)
S267A,B
(F. Panel 5)
S295
(GSS-4BS)
S265A,B
(F. Panel 4)
S269
(F. Panel 6)
XC156
(12 GY)
(Plough-light)
1.6
1.4A
1.4
1.4B
1.5A
1.5
1.5B
FMS.A
(12 GN)
A15
(SRS)
U30
(DC/DC)
A170
(CCM)
S262A,B
(F. Panel 7)
E108
S270
(F. Panel 8)
(GSS-4BS)
S295
R
N
A
HOLD
+
-
(10 GY)
A06P
Y43PS
(4 YE)
(25 BK)
XC130
(1140)
(25 GY)
XC131
(1140)
(4 GY)
XC127
(1140)
1000, RHD
T3080990

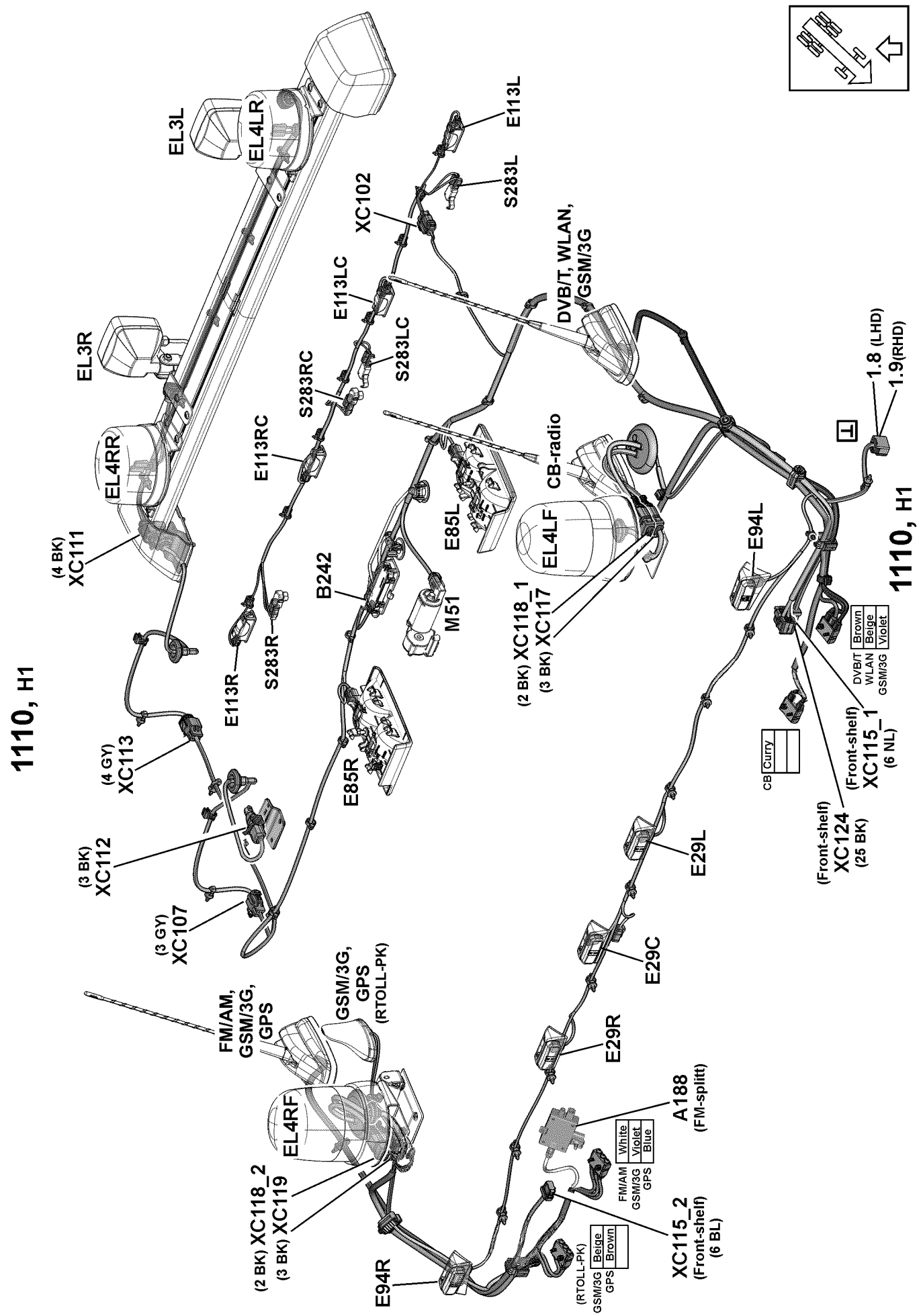

1100, H1, LHD
E88
E126R
XC145_2
E106
1.10
X1,X2,X3,X4
A175
(TESP)
(LCS)
V32
(TGW)
A125 A,B,C
K95 (Micro)
K71A/B
(TIS)
B271
S260
(F. Panel 2)
S238
S227
S247
S38
S258
(F. Panel 1)
B63
U29/U33
(DC/DC)
S272
(Alarm)
V07
(FOG)
B236
(LPOS)
A176
(TACHO)
A33A
A,B,C
(Audio)
A07
A,B,C
A122 A,B,C
(Toll Collect)
(6 BU)
XC116
(FM-splitt)
A188
E90
(Toll Collect)
A123
XC146
(Micro)
F93
(Micro)
(FRC)
A01.CT1
(36 BK)
(FRC)
A01.CT2
(4 GY)
E126L
XC145_1
E106
S247
A07
A33A
S227
S272
K71A
K71B
(TIS)
K95
(Micro)
(TGW)
A125 A,B,C
(DC/DC)
U29/U33
(LPOS)
A176
(6 NL)
XC115_1
(25 BK)
XC124
(2 GY)
M43
X114
(2 GY)
1.11
1.8
WRC
XC147(X67 AUX)
XC148(X66 USB)
(A156.B or A169.C)
XC151
(1100)
(1000)
XC140
(25 BK)
(1000)
XC141
(36 BK)
(1100)
(1000)
XC155
(25 GY)
(Micro)
XC146
(SUN)
XC149
F93
(Micro)
(FRC)
A01.CT1
(36 BK)
(FRC)
A01.CT2
(4 GY)

T3080991

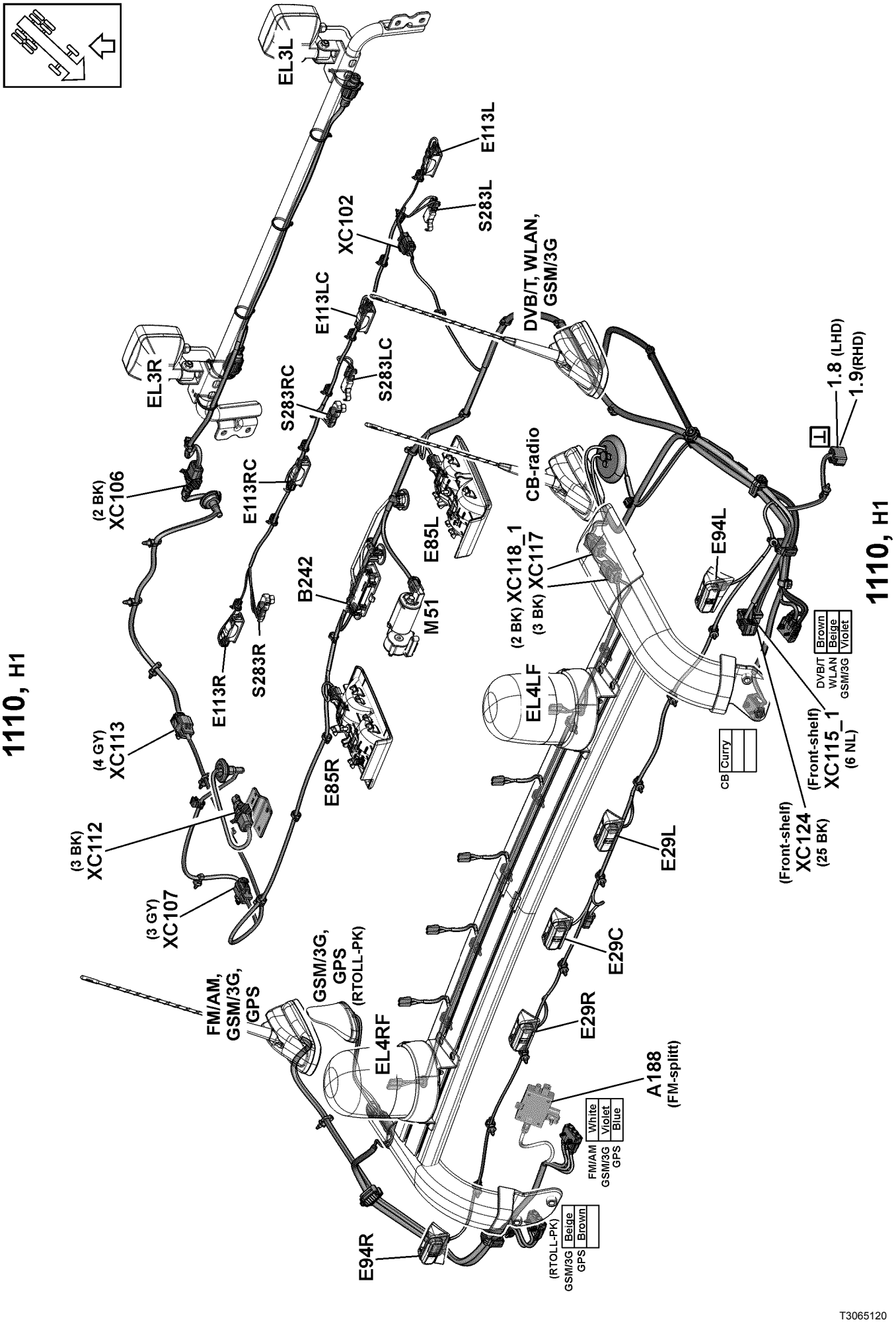

1100, H2/H3, LHD
1100, H2/H3, LHD
T3080992

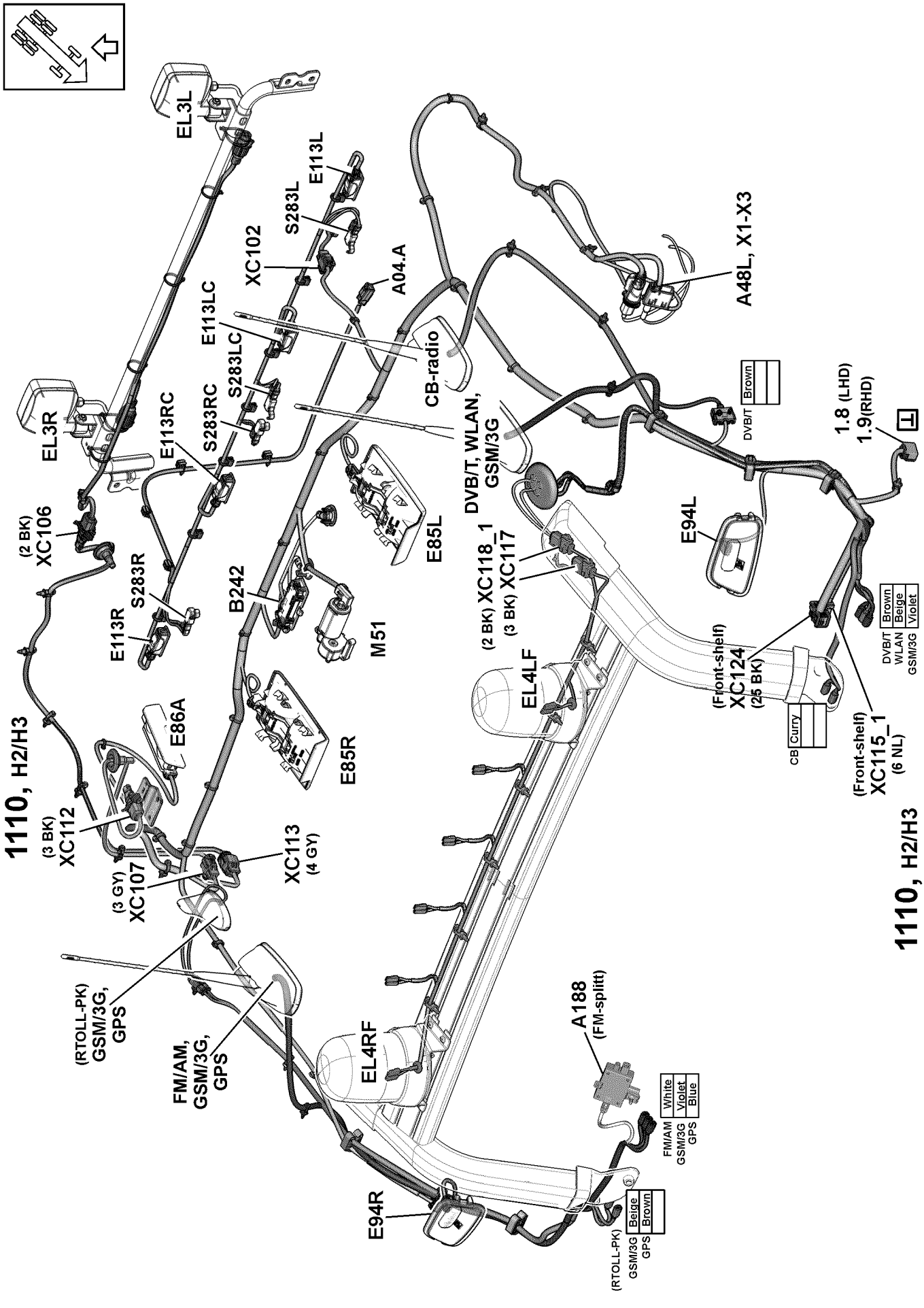

1100, H1, RHD
1100, H1, RHD
E88
E126R
XC145_1
E106
1.8
1.11
A07
(2 GY) X114
(6 NL) XC115_2
(6 BU) XC116
(FM-splitt) A188
A33A
S272
WRC
(X66 USB) XC148
(X67 AUX) XC147
E90
(TGW) A125 A,B,C
(Micro) K95
(TIS) K71A
K71B
(DC/DC) J29/U33
(LPOS) A176
(Toll Collect) A122 A,B,C
A175(TESP) X1,X2,X3,X4
(6 NL) XC115_1
(25 BK) XC124
(2 GY) M43
E106
XC145_2
E126L
E88
(FRC) A01.CT2 (4 GY)
(FRC) A01.CT1 (36 BK)
XC146 (Micro)
F93 (Micro)
(Toll Collect) A123
1.9
1.10
(LCS) V32
(A156.B or A169.C) XC151
(1100) XC140 (25 BK)
(FRC) A01.CT2 (4 GY)
(1100) XC141 (36 BK)
(1100) XC155 (25 GY)
(FRC) A01.CT1 (36 BK)
(Micro) XC146
(SUN) XC149
F93 (Micro)
(TACHO) A33A A,B,C
(Audio) A07 A,B,C
(TGW) A125 A,B,C
K95 (Micro)
K71A/B (TIS)
(DC/DC) U29/U33
(Alarm) V07
(FOG) B236
(Toll Collect) A122 A,B,C
(LPOS) A176
(TESP) A175 X1,X2,X3,X4
S247
S38
B63
S258 A,B (F. Panel 1)
S227
S260 (F. Panel 2)
S238
S272
B271
S86
OR
S238
S260 (F. Panel 2)
S227
B63
S258 (F. Panel 1)
S38
S247
T3080993

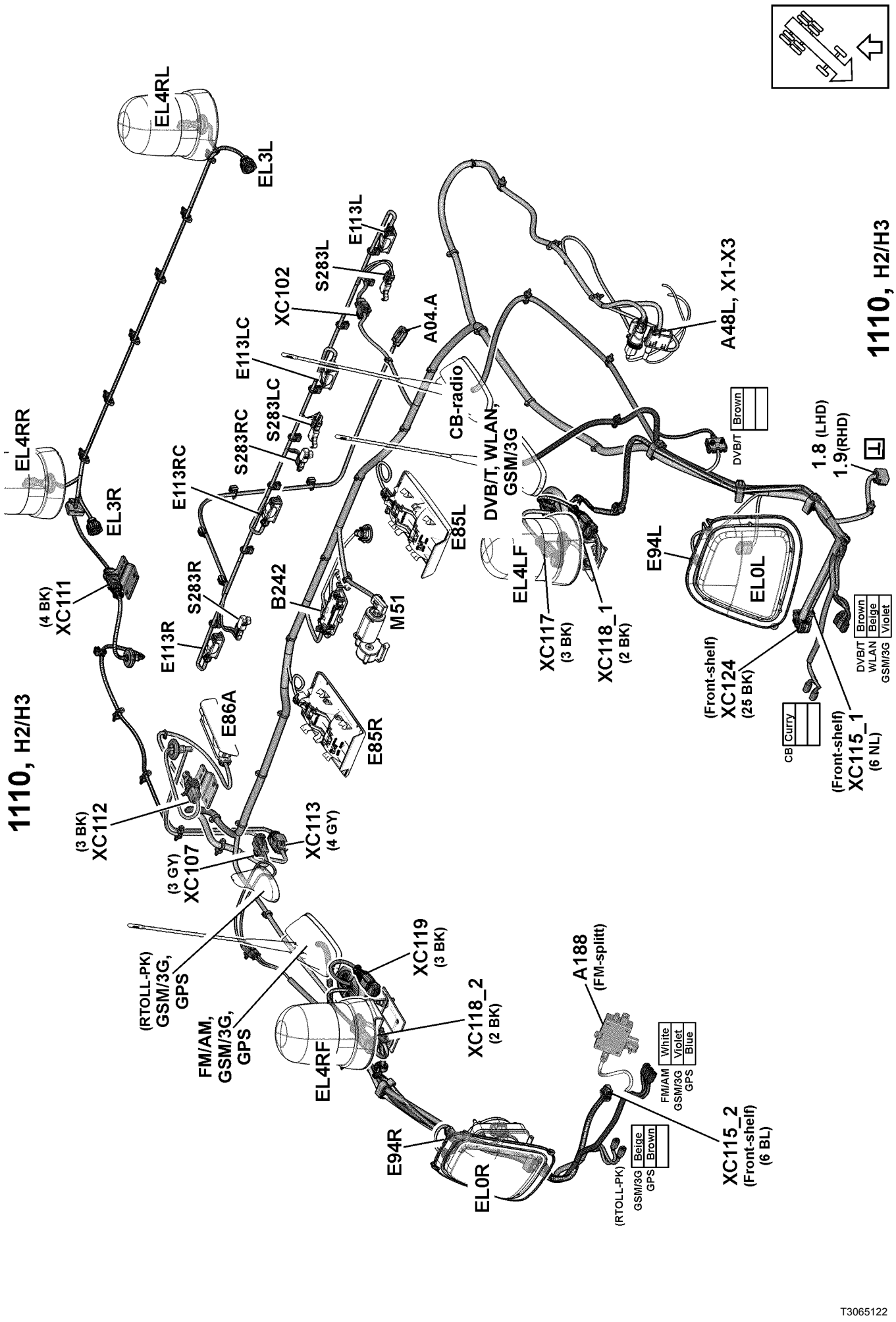

1100, H2/H3, RHD
1100, H2/H3, RHD
EL5_R
(6 NL) XC115_2
(2 GY) X114
(6 BU) XC116
E93R
(XC114) S222C
E93C
E29R
E29C
E29L
EL5_L
(25 BK) XC124
(6 NL) XC115_1
(A156.B or A169.C) XC151
(1100) XC140 (25 BK)
(1100) XC141 (36 BK)
(1100) XC155 (25 GY)
(SUN) XC149
(Micro) XC146
F93 (Micro)
(FRC) A01.CT1 (36 BK)
(FRC) A01.CT2 (4 GY)
(TGW) A125 A,B,C
(Micro) K95
(TIS) K71A K71B
E93L
(DC/DC) U29/U33
(LPOS) A176
(Micro) XC150
S222PS
(2 GY) M43
E106
XC145_2
E126L
E88
(Toll Collect) A122 A,B,C
(Toll Collect) A123
(LCS) V32
1.9
1.10
1.11
1.8
A07
A33
A188 (FM-splitt)
(TESP) A175 X1,X2,X3,X4
E90
S272
WRC
(X66 USB) XC148
(X67 AUX) XC147
(Alarm) V07
(FOG) B236
(LPOS) A176
(TESP) A175 X1,X2,X3,X4
(DC/DC) U29/U33
(TGW) A125 A,B,C
K95 (Micro)
K71A/B (TIS)
(TACHO) A33A A,B,C
(Audio) A07 A,B,C
S272
S238
S38
S247
S258 A,B (F. Panel 1)
B63
S227
S260 (F. Panel 2)
B271 S86
OR
(FRC) A01.CT2 (4 GY)
(FRC) A01.CT1 (36 BK)
XC146 (Micro)
F93 (Micro)
T3080994

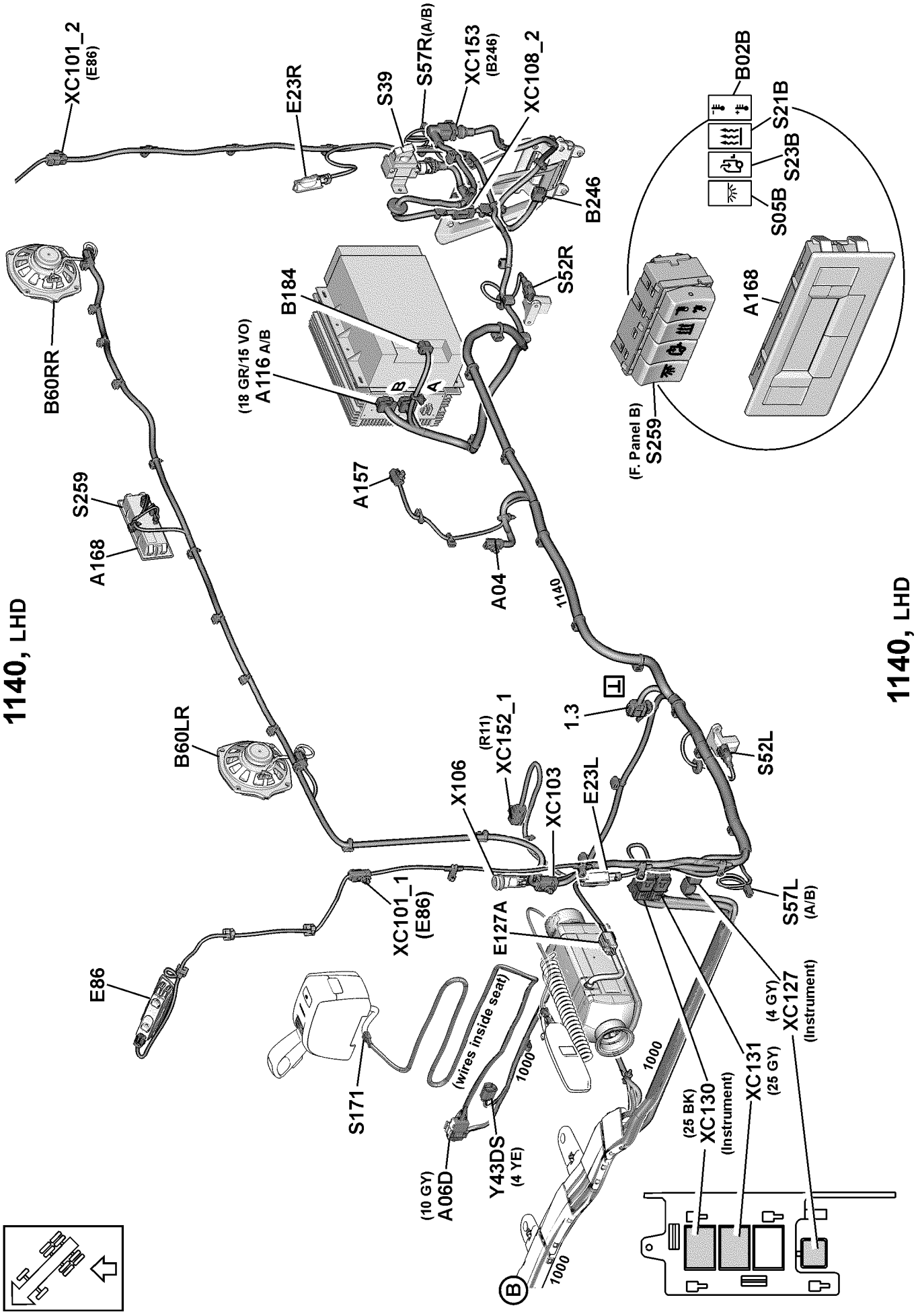

1110, H1
EL3L
EL4LR
EL3R
EL4RR
(4 BK) XC111
(4 GY) XC113
(3 BK) XC112
(3 GY) XC107
E113R
S283R
E113RC
S283RC
E113LC
S283LC
XC102
E113L
S283L
B242
E85R
E85L
M51
DVB/T, WLAN, GSM/3G
CB-radio
EL4LF
(2 BK) XC118_1
(3 BK) XC117
E94L
1.8 (LHD)
1.9(RHD)
1110, H1
DVB/T Brown
WLAN Beige
GSM/3G Violet
(Front-shelf) XC115_1 (6 NL)
CB Curry
(Front-shelf) XC124 (25 BK)
E29L
E29C
E29R
A188 (FM-splitt)
FM/AM White
GSM/3G Violet
GPS Blue
XC115_2 (Front-shelf) (6 BL)
(RTOLL-PK)
GSM/3G Beige
GPS Brown
E94R
(2 BK) XC118_2
(3 BK) XC119
EL4RF
FM/AM, GSM/3G, GPS
GSM/3G, GPS (RTOLL-PK)

T3065119

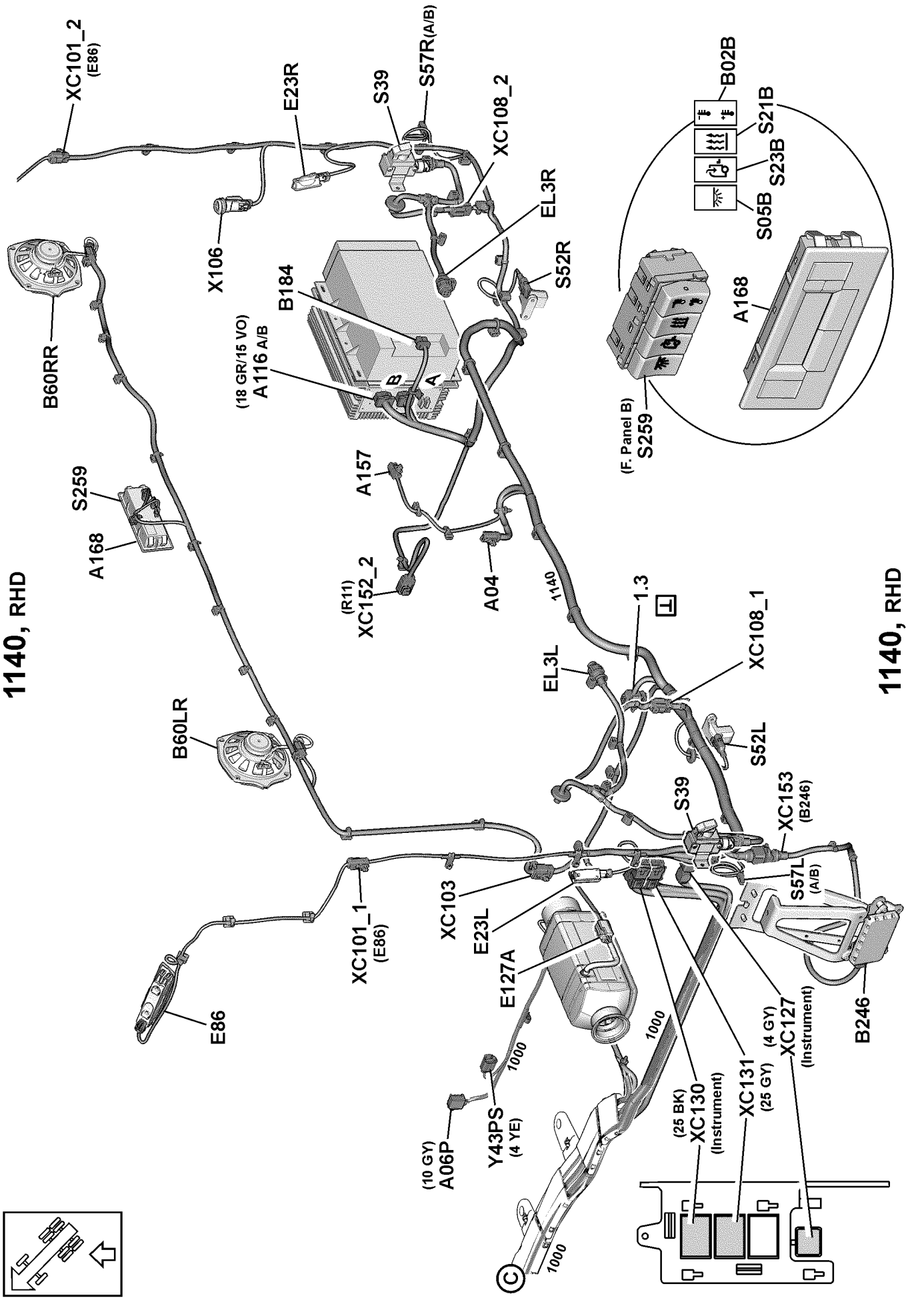

1110, H1
EL3L
EL3R
E113L
S283L
XC102
E113LC
S283LC
S283RC
DVB/T, WLAN, GSM/3G
1.8 (LHD)
1.9(RHD)
(2 BK) XC106
E113RC
CB-radio
E85L
B242
M51
(2 BK) XC118_1
(3 BK) XC117
E94L
(4 GY) XC113
E113R
S283R
E85R
EL4LF
DVB/T WLAN GSM/3G
Brown Beige Violet
(3 BK) XC112
(3 GY) XC107
CB
Curry
(Front-shelf) XC115_1 (6 NL)
(Front-shelf) XC124 (25 BK)
E29L
FM/AM, GSM/3G, GPS
GSM/3G, GPS (RTOLL-PK)
EL4RF
E29C
E29R
A188 (FM-splitt)
FM/AM GSM/3G GPS
White Violet Blue
(RTOLL-PK) GSM/3G GPS
Beige Brown
E94R
1110, H1
T3065120

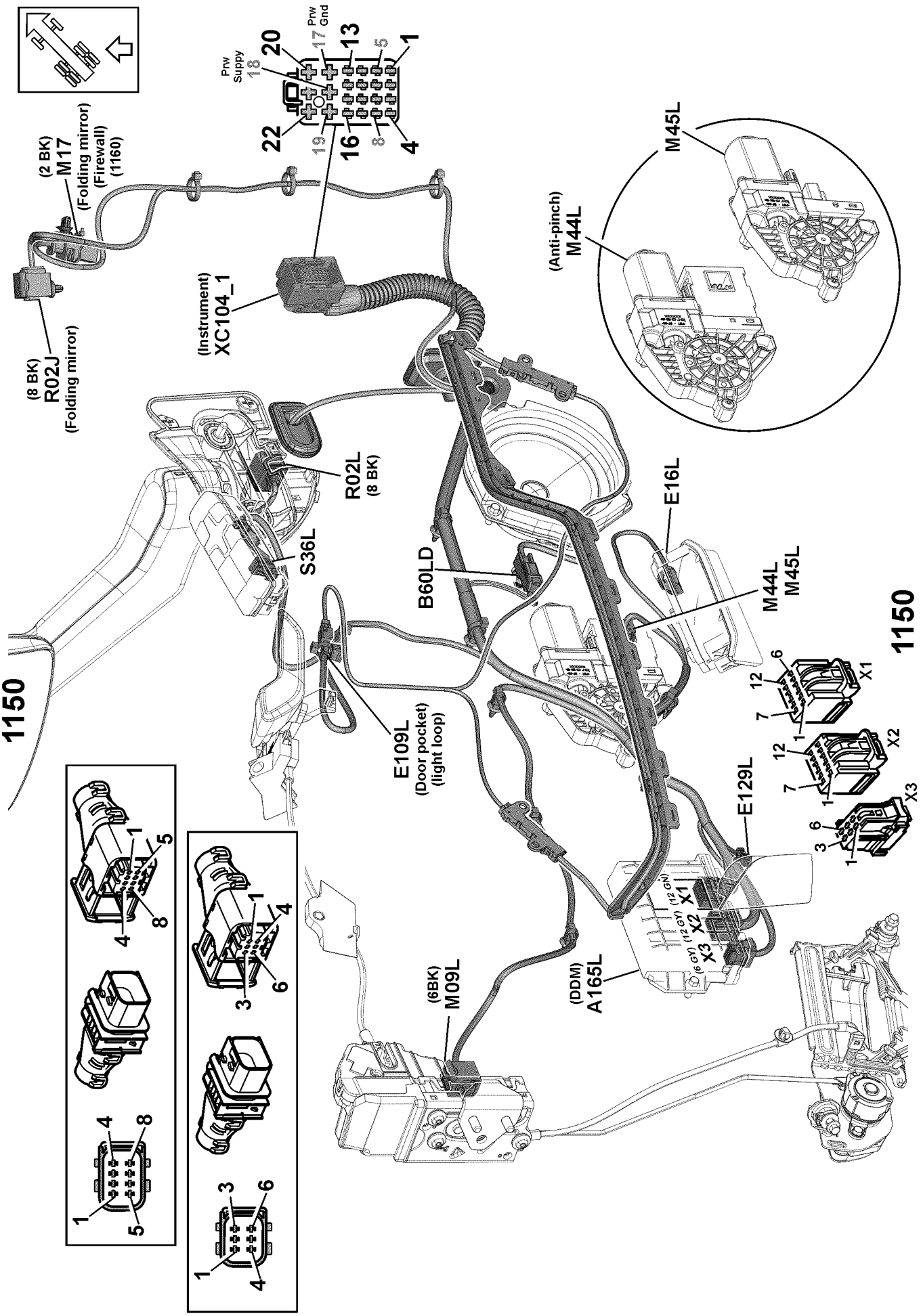

1110, H2/H3
EL3L
EL3R
E113L
S283L
XC102
A04.A
E113LC
S283LC
E113RC
S283RC
CB-radio
A48L, X1-X3
(2 BK) XC106
E113R
S283R
B242
E85L
DVB/T, WLAN, GSM/3G
DVB/T Brown
1.8 (LHD)
1.9(RHD)
E94L
(2 BK) XC118_1
(3 BK) XC117
(3 BK) XC112
E86A
E85R
M51
EL4LF
(Front-shelf) XC124 (25 BK)
DVB/T Brown
WLAN Beige
GSM/3G Violet
CB Curry
(Front-shelf) XC115_1 (6 NL)
(3 GY) XC107
XC113 (4 GY)
(RTOLL-PK) GSM/3G, GPS
FM/AM, GSM/3G, GPS
EL4RF
A188 (FM-splitt)
FM/AM White
GSM/3G Violet
GPS Blue
E94R
(RTOLL-PK) GSM/3G Beige
GPS Brown
1110, H2/H3
T3065121

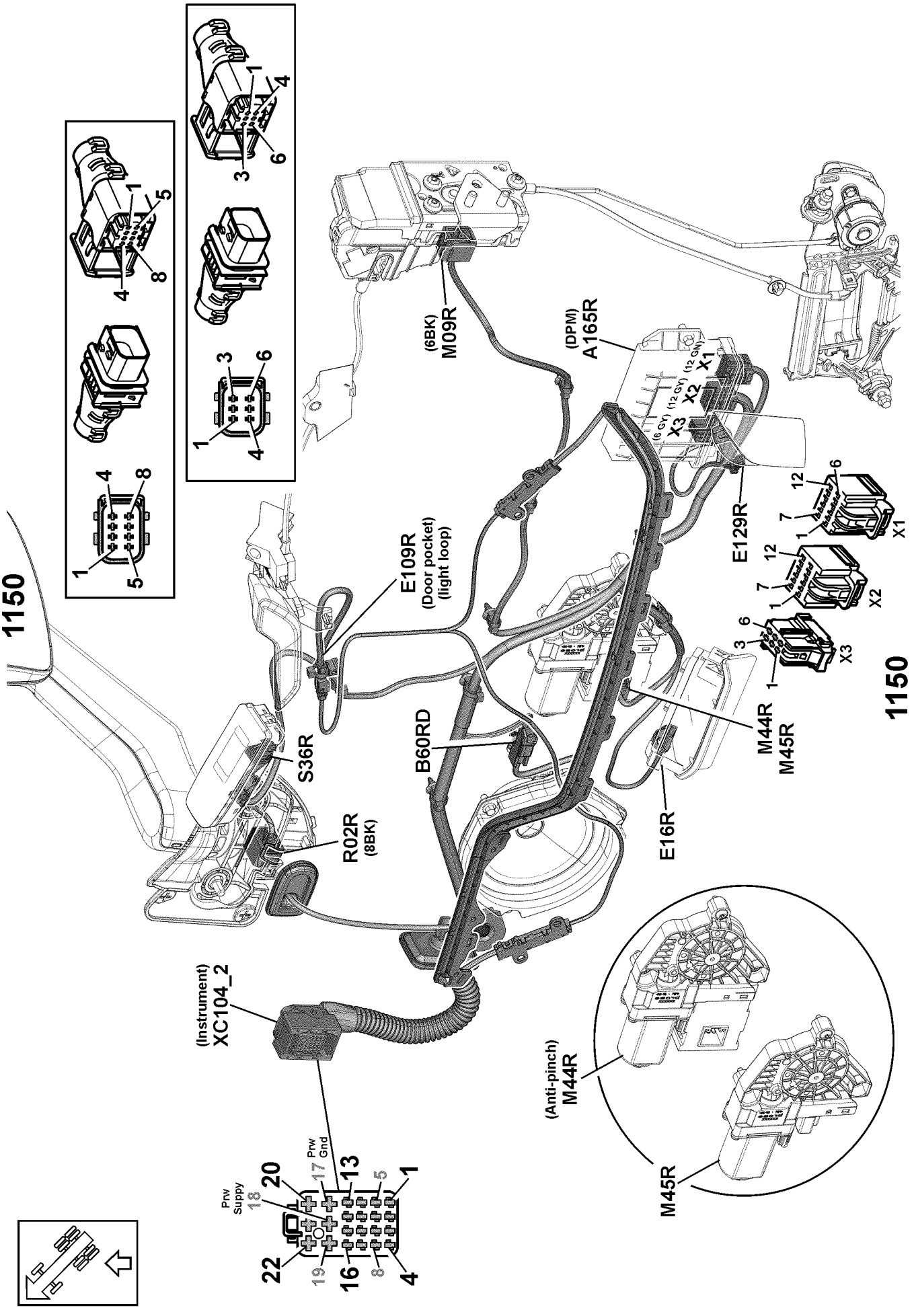

1110, H2/H3
EL4RL
EL3L
EL4RR
EL3R
(4 BK)
XC111
E113R
S283R
E113RC
S283RC
E113LC
S283LC
XC102
S283L
E113L
A04.A
CB-radio
A48L, X1-X3
DVB/T, WLAN, GSM/3G
E85L
B242
M51
E85R
E86A
(3 BK)
XC112
(3 GY)
XC107
XC113
(4 GY)
EL4LF
XC117
(3 BK)
XC118_1
(2 BK)
E94L
EL0L
DVB/T
Brown
1.8 (LHD)
1.9(RHD)
DVB/T
WLAN
GSM/3G
Brown
Beige
Violet
CB
Curry
(Front-shelf)
XC124
(25 BK)
(Front-shelf)
XC115_1
(6 NL)
(RTOLL-PK)
GSM/3G,
GPS
FM/AM,
GSM/3G,
GPS
XC119
(3 BK)
XC118_2
(2 BK)
EL4RF
A188
(FM-splitt)
E94R
EL0R
FM/AM
GSM/3G
GPS
White
Violet
Blue
(RTOLL-PK)
GSM/3G
GPS
Beige
Brown
XC115_2
(Front-shelf)
(6 BL)
1110, H2/H3
T3065122

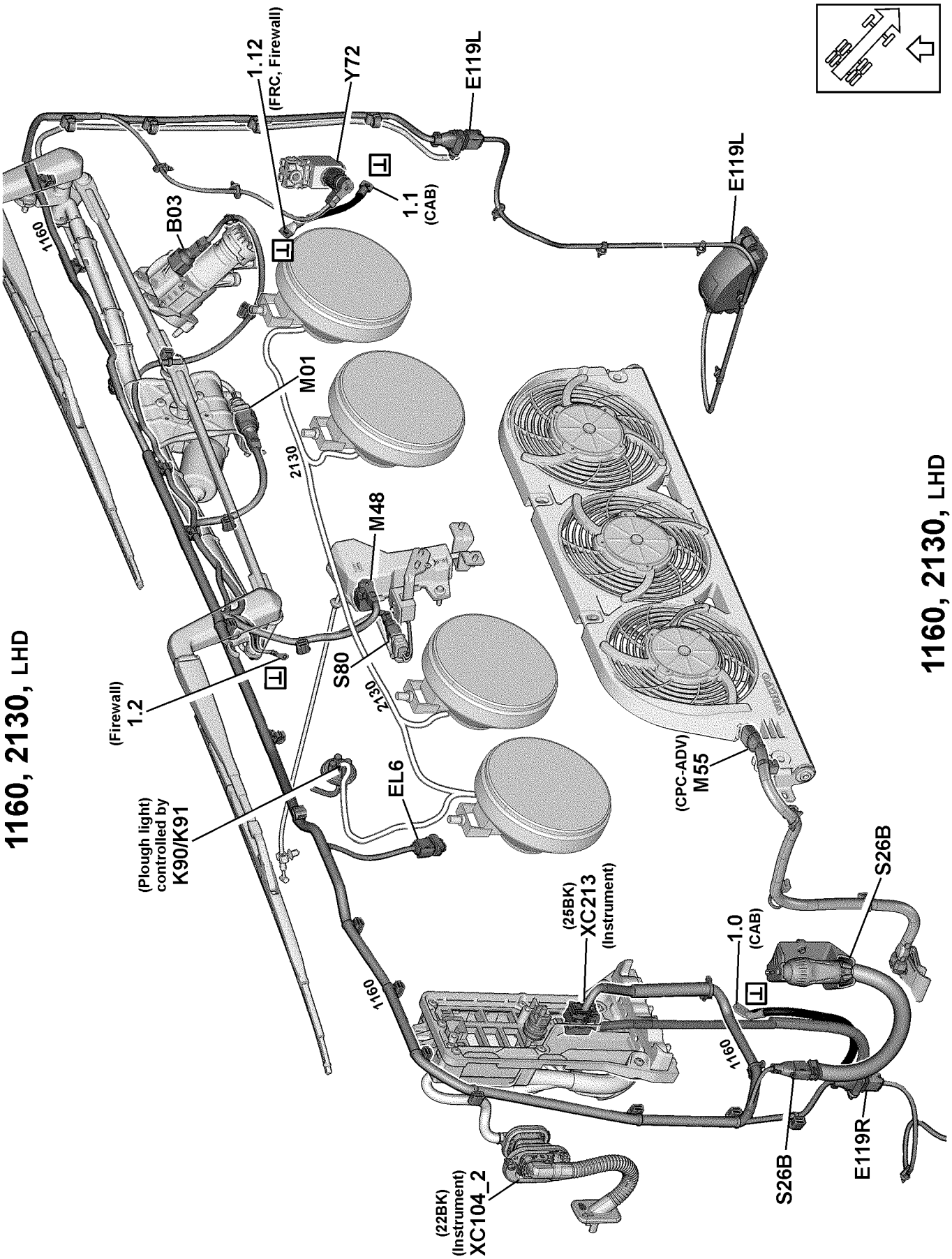

1140, LHD
XC101_2 (E86)
E23R
S39
S57R(A/B)
XC153 (B246)
XC108_2
B246
B02B
S21B
S23B
S05B
A168
S52R
B184
(18 GR/15 VO) A116 A/B
B60RR
S259
A168
A157
A04
1140
(F. Panel B) S259
1.3
B60LR
(R11) XC152_1
X106
XC103
E23L
S52L
XC101_1 (E86)
E127A
S57L (A/B)
E86
S171
(wires inside seat)
1000
Y43DS (4 YE)
A06D (10 GY)
(25 BK) XC130 (Instrument)
XC131 (25 GY)
(4 GY) XC127 (Instrument)
1140, LHD

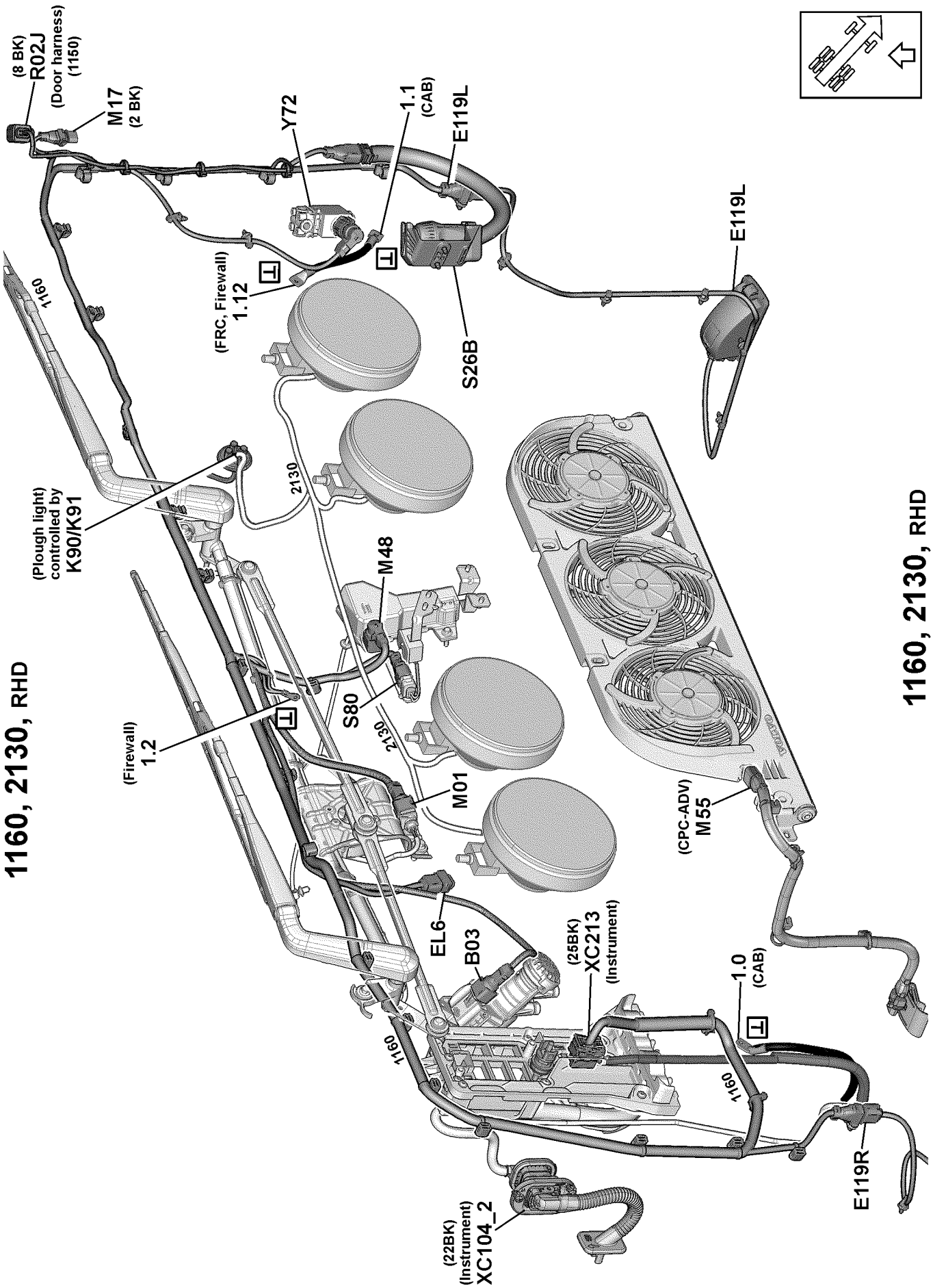
T3079516


1140, RHD
XC101_2 (E86)
E23R
S39
S57R(A/B)
XC108_2
EL3R
S52R
X106
B184
(18 GR/15 VO) A116 A/B
B60RR
S259
A168
A157
(R11) XC152_2
A04
1140
1.3
XC108_1
EL3L
B60LR
S52L
S39
XC153 (B246)
S57L (A/B)
XC101_1 (E86)
XC103
E23L
E127A
E86
1000
(10 GY) A06P
Y43PS (4 YE)
(25 BK) XC130 (Instrument)
XC131 (25 GY)
(4 GY) XC127 (Instrument)
B246
(F. Panel B) S259
A168
B02B
S21B
S23B
S05B
1140, RHD
T3079517

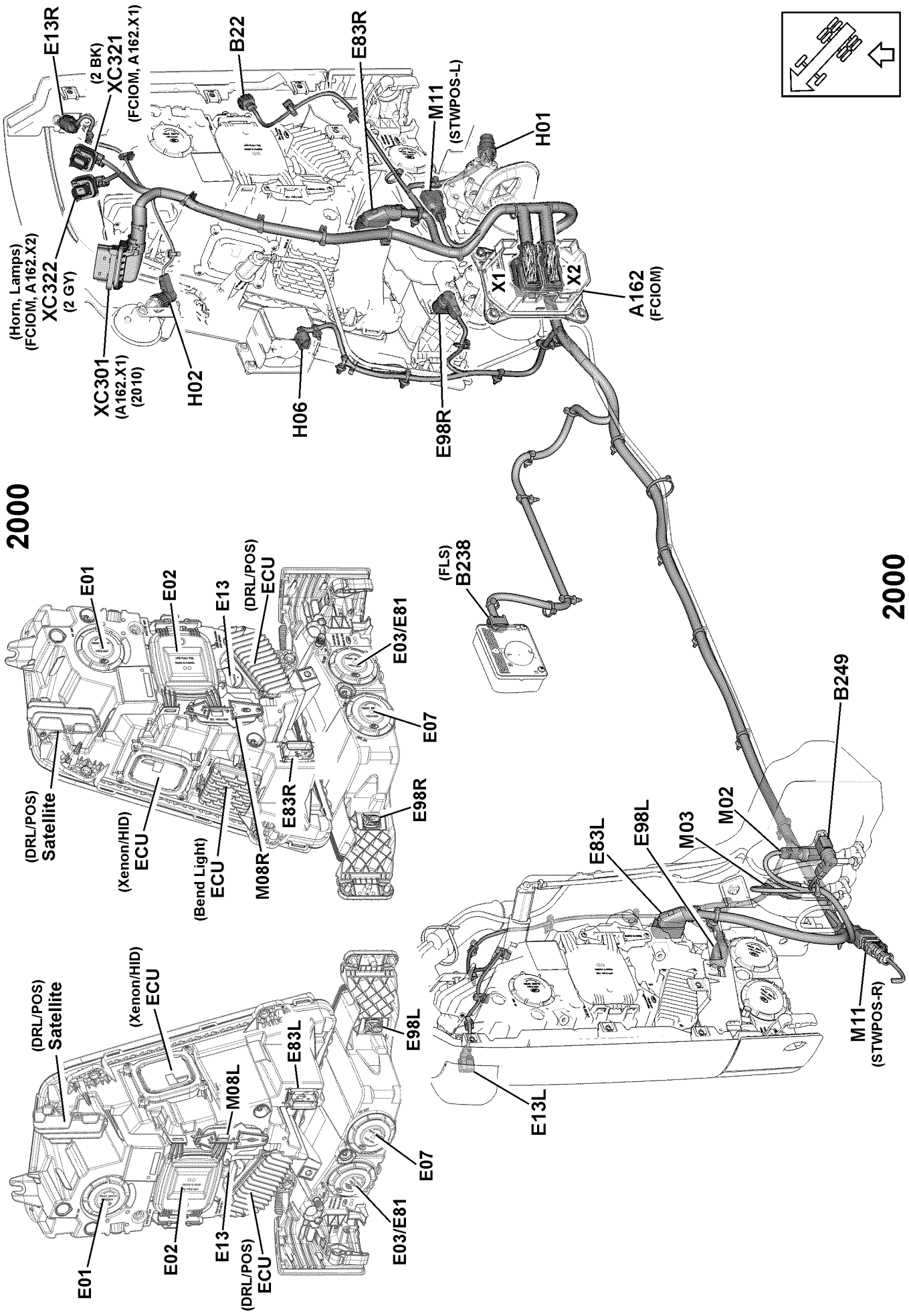

1150
(2 BK)
M17
(Folding mirror)
(Firewall)
(1160)
(8 BK)
R02J
(Folding mirror)
(Instrument)
XC104_1
Prw Suppy
18
20
22
19
16
Prw Gnd
17
13
5
8
4
1
(Anti-pinch)
M44L
M45L
R02L
(8 BK)
S36L
B60LD
E16L
E109L
(Door pocket)
(light loop)
M44L
M45L
E129L
(6BK)
M09L
(DDM)
A165L
(12 GN)
X1
(12 GY)
X2
(6 GY)
X3
12
6
7
1
X1
X2
X3
3
1
1150


1150
1150
(6BK)
M09R
(DPM)
A165R
E109R
(Door pocket)
(light loop)
E129R
S36R
B60RD
R02R
(8BK)
M44R
M45R
E16R
(Instrument)
XC104_2
(Anti-pinch)
M44R
M45R
Pnw
Supply
Pnw
Gnd
X1
X2
X3
T3079519

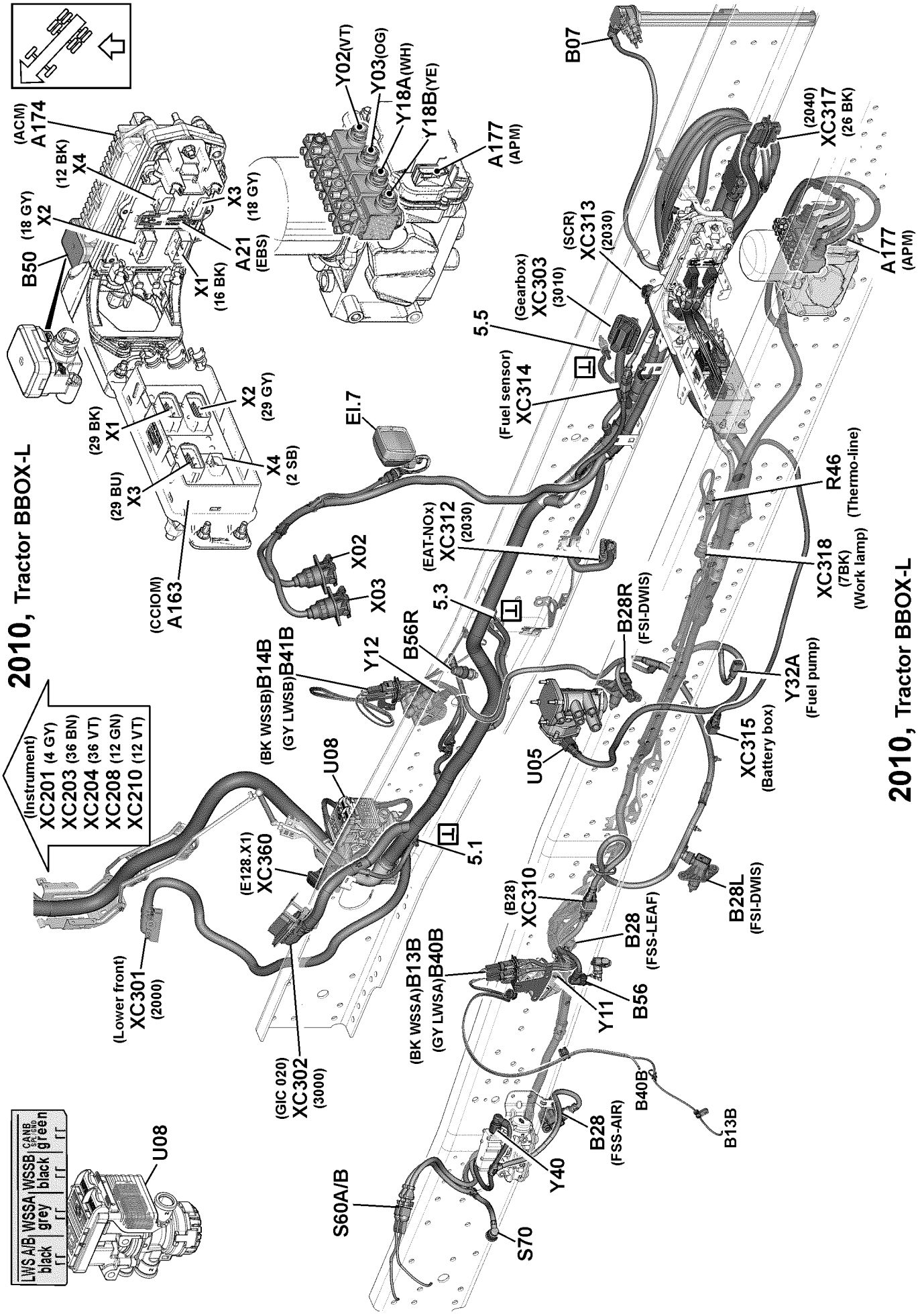

1160, 2130, LHD
1160, 2130, LHD
1.12
(FRC, Firewall)
Y72
E119L
1.1
(CAB)
B03
1160
M01
2130
M48
S80
(Firewall)
1.2
EL6
(Plough light)
controlled by
K90/K91
(CPC-ADV)
M55
(25BK)
XC213
(Instrument)
1.0
(CAB)
S26B
1160
(22BK)
(Instrument)
XC104_2
S26B
E119R


1160, 2130, RHD
(8 BK)
R02J
(Door harness)
(1150)
M17
(2 BK)
Y72
1.1
(CAB)
E119L
(FRC, Firewall)
1.12
S26B
E119L
1160
2130
(Plough light)
controlled by
K90/K91
M48
S80
2130
(Firewall)
1.2
M01
(CPC-ADV)
M55
1160, 2130, RHD
EL6
B03
(25BK)
XC213
(Instrument)
1.0
(CAB)
1160
1160
E119R
(22BK)
(Instrument)
XC104_2

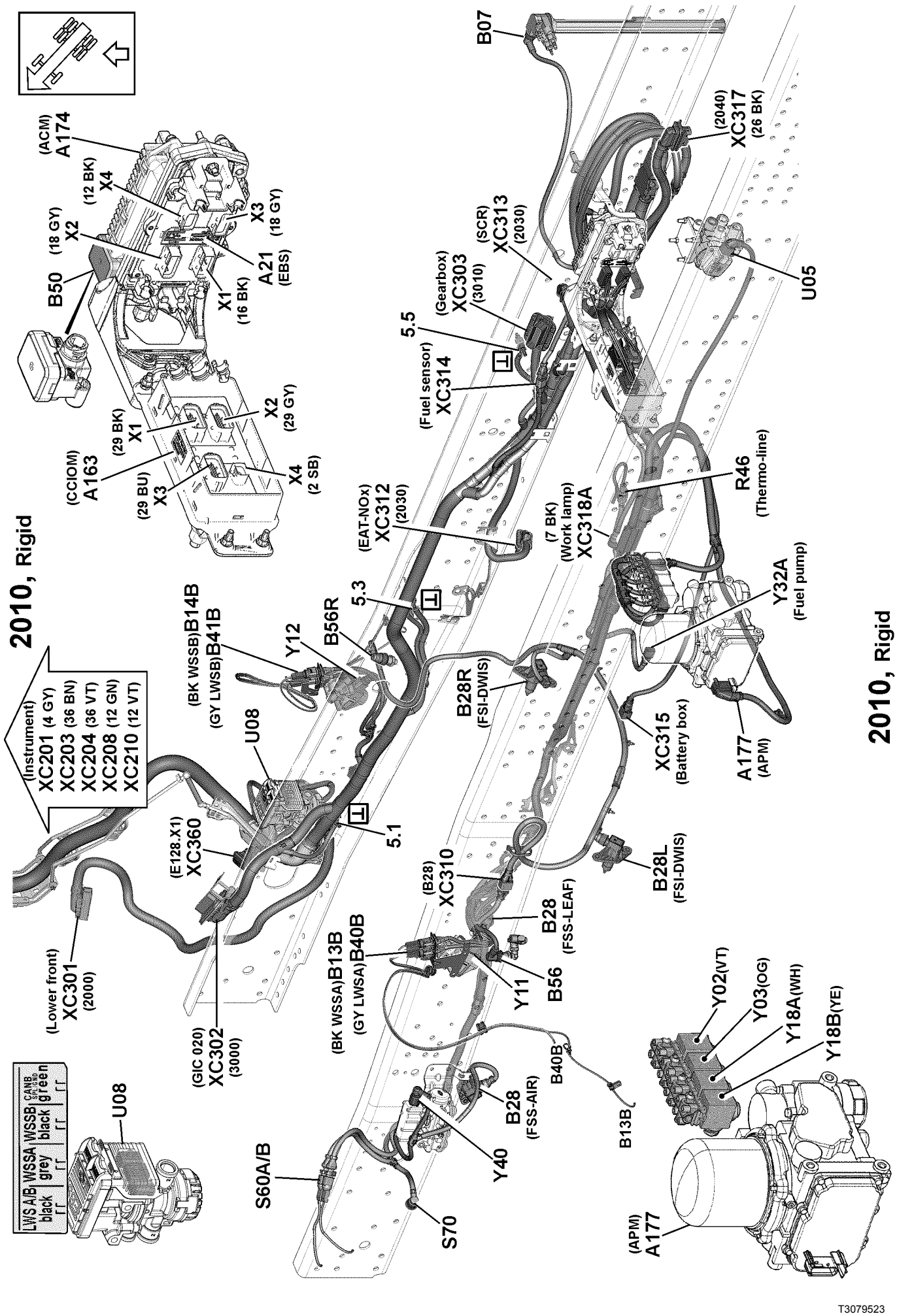
T3079521

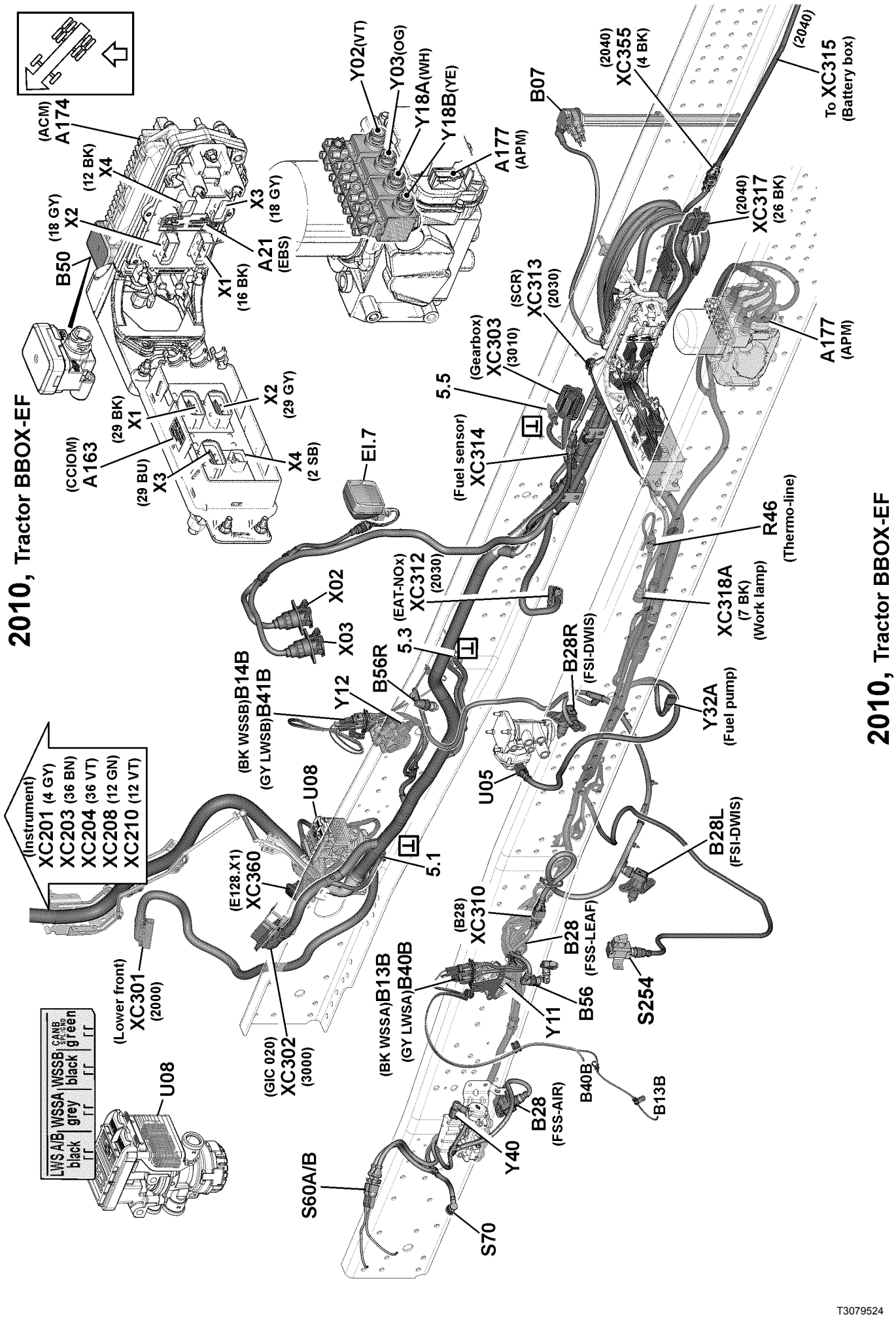

2000
E13R
(2 BK)
XC321
(FCIOM, A162.X1)
B22
E83R
M11
(STWPOS-L)
H01
(Horn, Lamps)
(FCIOM, A162.X2)
XC322
(2 GY)
XC301
(A162.X1)
(2010)
H02
H06
E98R
X1
X2
A162
(FCIOM)
(FLS)
B238
B249
2000
E01
E02
E13
(DRL/POS)
ECU
E03/E81
E07
(DRL/POS)
Satellite
(Xenon/HID)
ECU
(Bend Light)
ECU
M08R
E83R
E98R
E83L
E98L
M03
M02
M11
(STWPOS-R)
E13L
M08L

T3080552

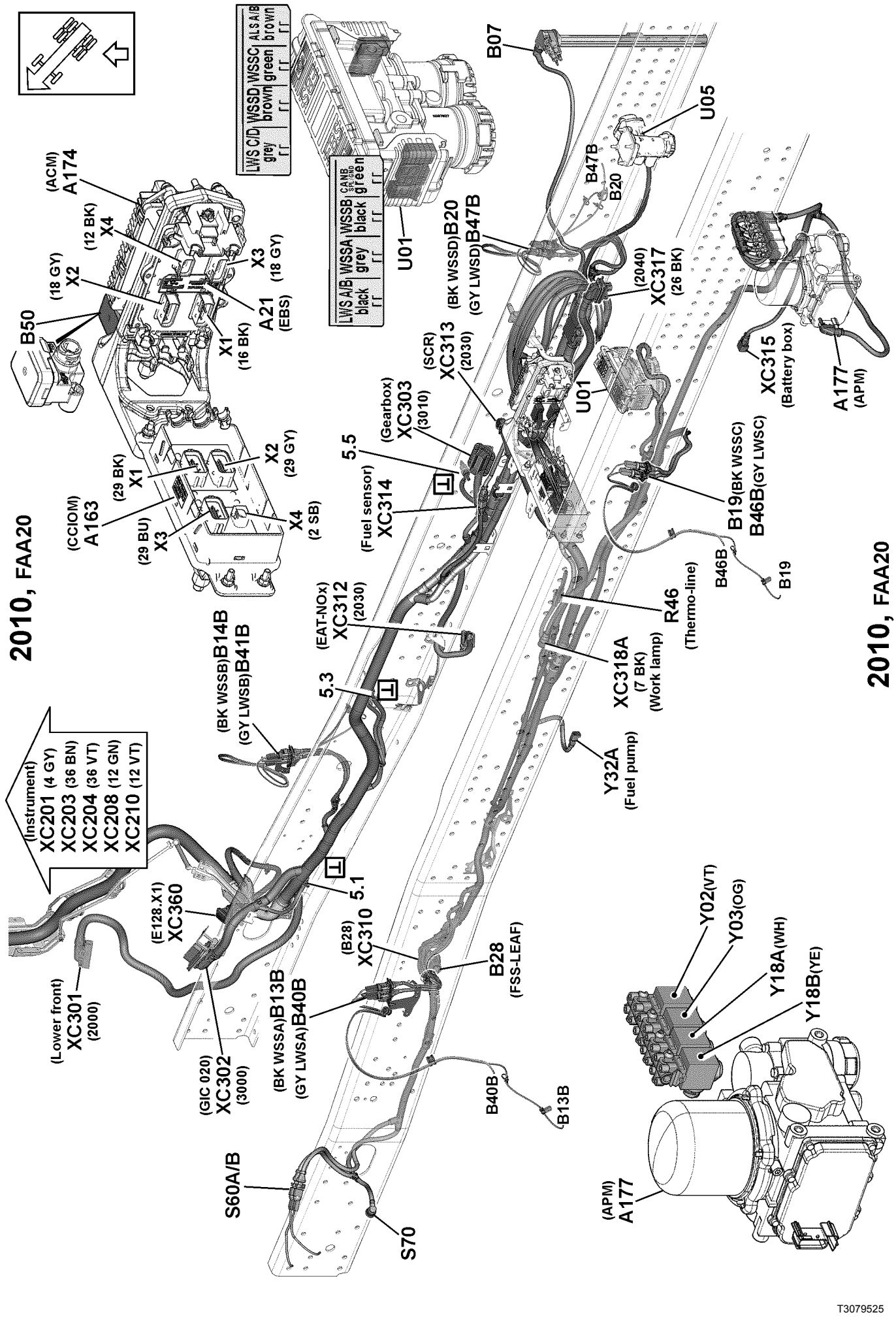

2010, Tractor BBOX-L
(Instrument)
XC201 (4 GY)
XC203 (36 BN)
XC204 (36 VT)
XC208 (12 GN)
XC210 (12 VT)
(ACM) A174
(12 BK) X4
(18 GY) X2
B50
X1 (16 BK)
X3 (18 GY)
A21 (EBS)
Y02(VT)
Y03(OG)
Y18A(WH)
Y18B(YE)
A177 (APM)
B07
(2040) XC317 (26 BK)
(SCR) XC313 (2030)
(Gearbox) XC303 (3010)
5.5
(Fuel sensor) XC314
A177 (APM)
(29 BK) X1
X2 (29 GY)
(29 BU) X3
X4 (2 SB)
(CCIOM) A163
El.7
X02
X03
(EAT-NOx) XC312 (2030)
R46 (Thermo-line)
XC318 (7BK) (Work lamp)
5.3
B56R
Y12
(BK WSSB)B14B
(GY LWSB)B41B
B28R (FSI-DWIS)
Y32A (Fuel pump)
U08
U05
XC315 (Battery box)
(E128.X1) XC360
5.1
(Lower front) XC301 (2000)
(GIC 020) XC302 (3000)
(BK WSSA)B13B
(GY LWSA)B40B
(B28) XC310
B28 (FSS-LEAF)
B28L (FSI-DWIS)
Y11
B56
B40B
B13B
B28 (FSS-AIR)
Y40
S60A/B
S70
LWS A/B black
WSSA grey
WSSB black
CAN B SAE J1939 green
U08
2010, Tractor BBOX-L

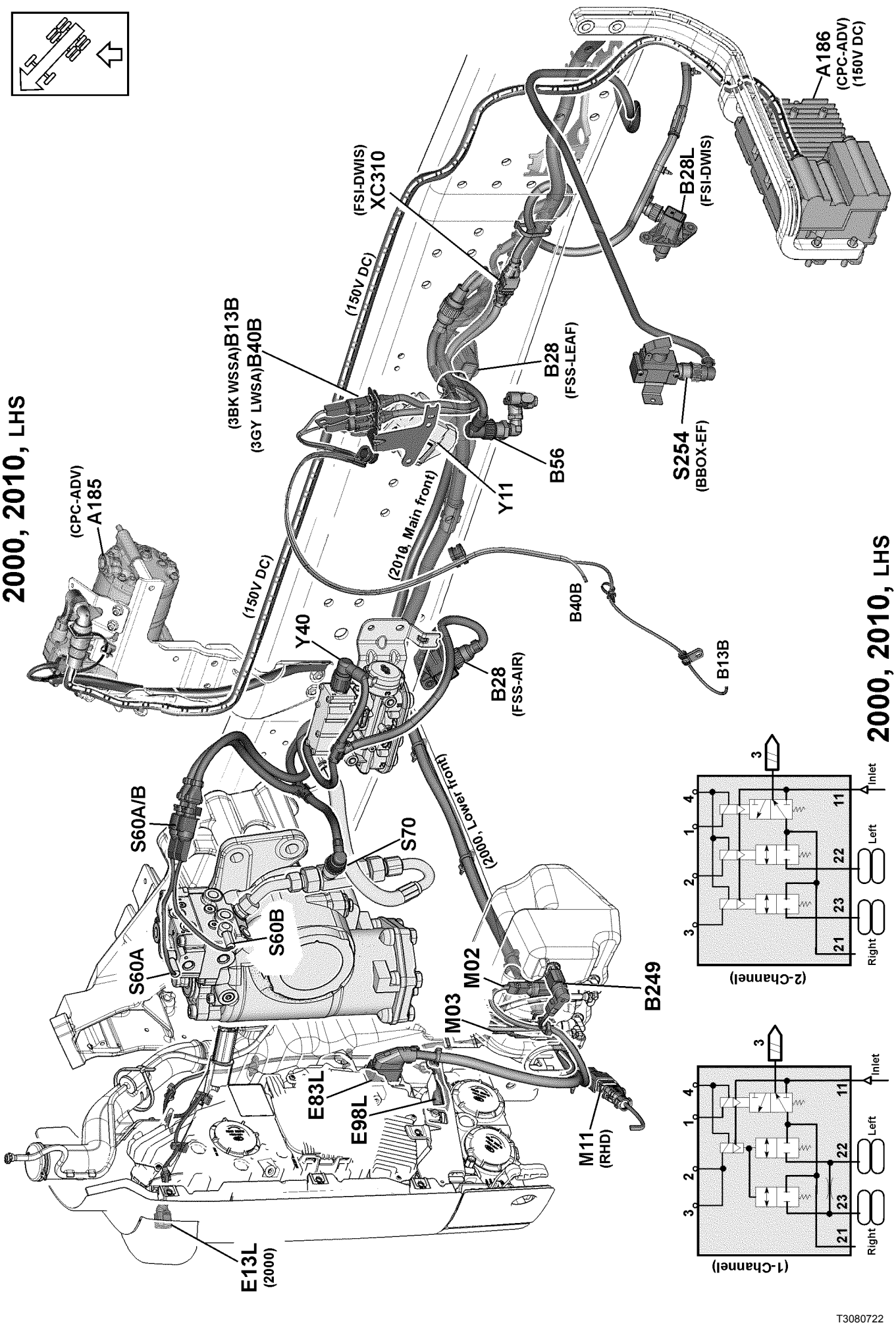
T3079522

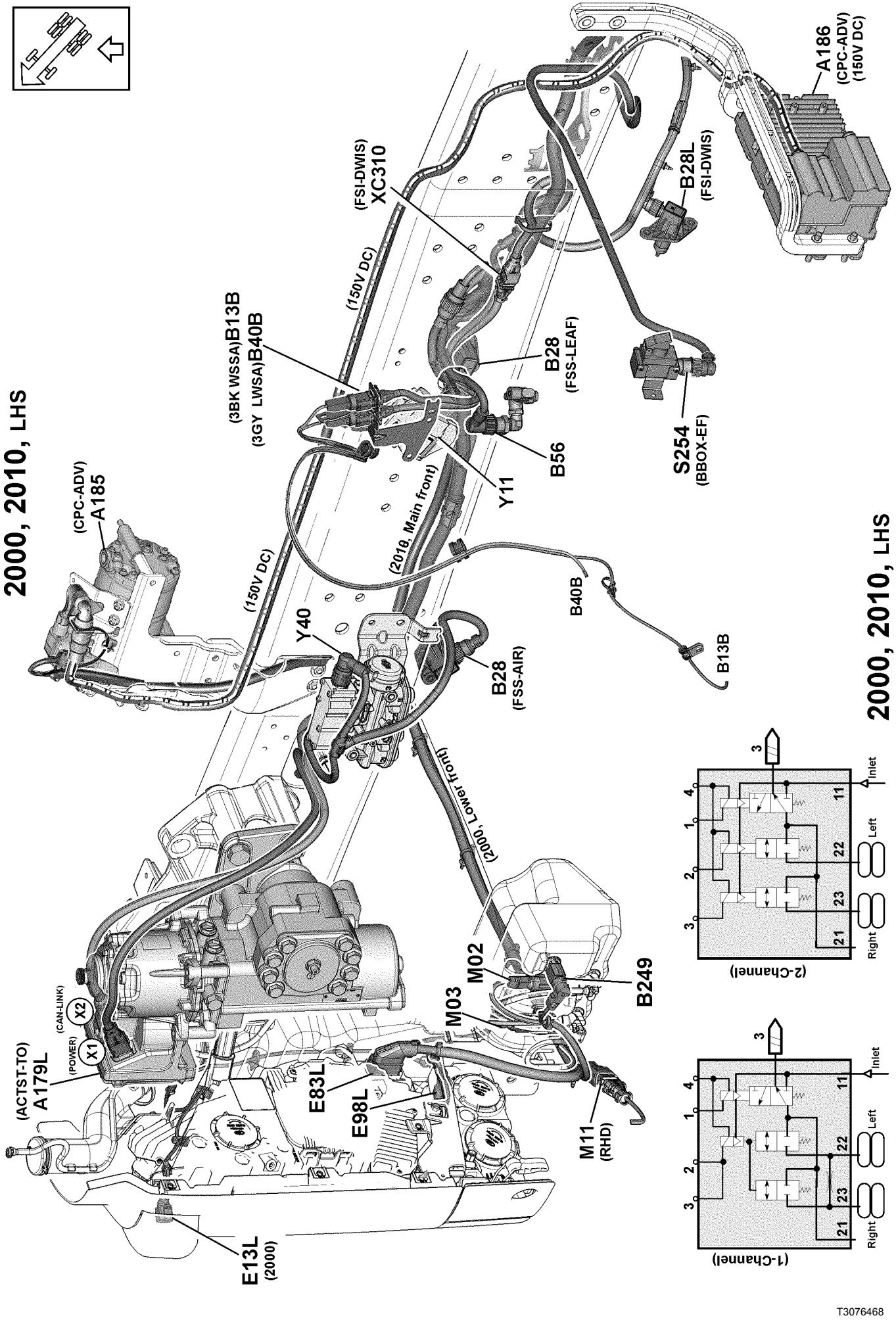

2010, Rigid
(Instrument)
XC201 (4 GY)
XC203 (36 BN)
XC204 (36 VT)
XC208 (12 GN)
XC210 (12 VT)
(Lower front)
XC301
(2000)
(E128.X1)
XC360
(GIC 020)
XC302
(3000)
U08
(BK WSSB)B14B
(GY LWSB)B41B
Y12
B56R
5.3
5.1
(EAT-NOx)
XC312
(2030)
(ACM)
A174
(12 BK)
X4
(18 GY)
X2
X3
(18 GY)
B50
A21
(EBS)
X1
(16 BK)
(CCIOM)
A163
(29 BK)
X1
X2
(29 GY)
(29 BU)
X3
X4
(2 SB)
(Fuel sensor)
XC314
5.5
(Gearbox)
XC303
(3010)
(SCR)
XC313
(2030)
B07
(2040)
XC317
(26 BK)
U05
(7 BK)
(Work lamp)
XC318A
R46
(Thermo-line)
Y32A
(Fuel pump)
B28R
(FSI-DWIS)
XC315
(Battery box)
A177
(APM)
(B28)
XC310
B28
(FSS-LEAF)
B28L
(FSI-DWIS)
(BK WSSA)B13B
(GY LWSA)B40B
Y11
B56
B40B
B28
(FSS-AIR)
B13B
Y40
S60A/B
S70
LWS A/B black | grey
WSSA black
CANB. green
U08
Y02(VT)
Y03(OG)
Y18A(WH)
Y18B(YE)
(APM)
A177
2010, Rigid
T3079523

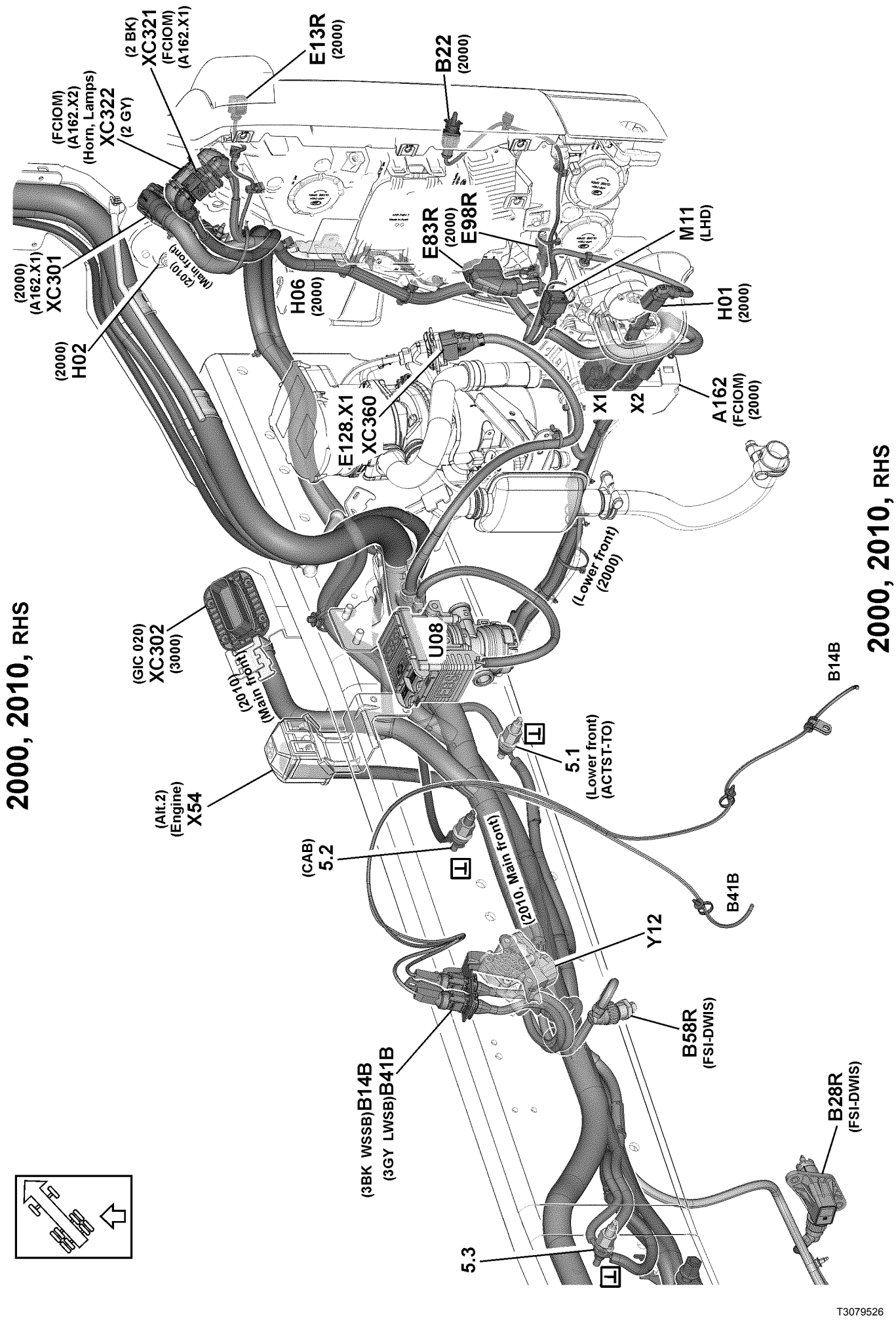


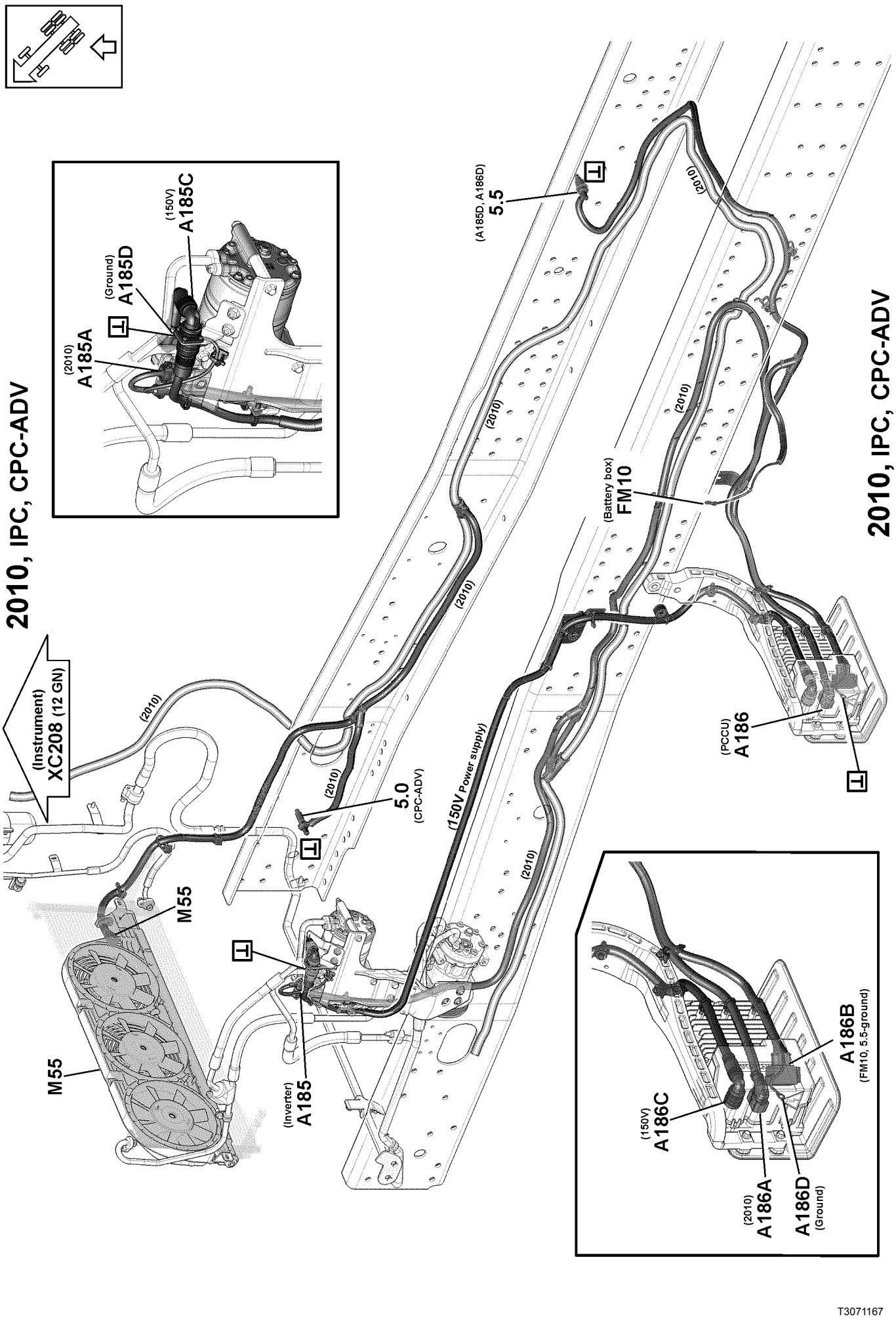

2010, Tractor BBOX-EF

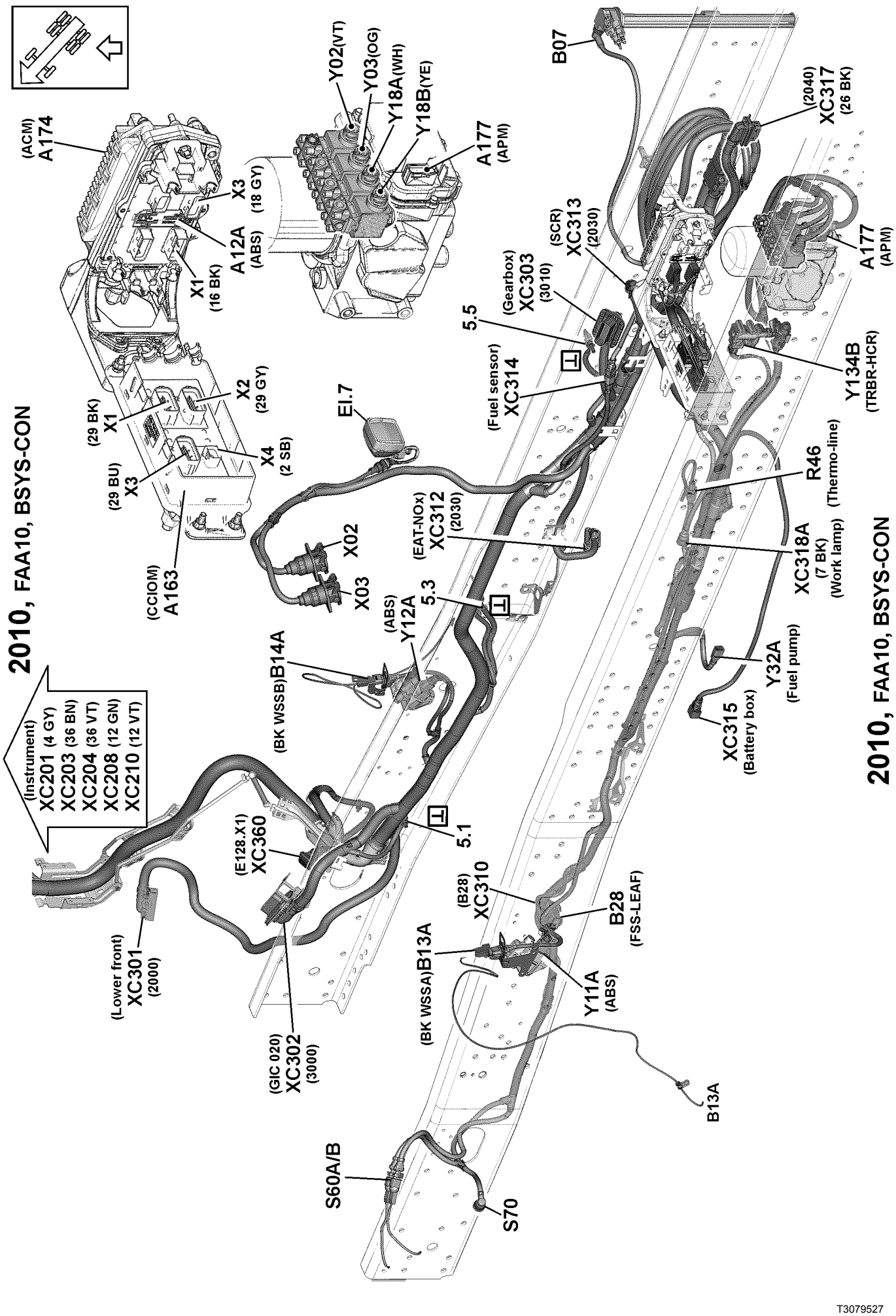

2010, FAA20
(ACM) A174
(12 BK) X4
(18 GY) X2
X3 (18 GY)
A21 (EBS)
X1 (16 BK)
B50
(CCIOM) A163
(29 BK) X1
(29 BU) X3
X2 (29 GY)
X4 (2 SB)
LWS C/D grey
WSSD brown
WSSC green
ALS A/B brown
LWS A/B black
WSSA grey
WSSB black
CANB SPL GND green
U01
B07
B47B
B20
U05
(BK WSSD) B20
(GY LWSD) B47B
(2040) XC317 (26 BK)
XC315 (Battery box)
A177 (APM)
(SCR) XC313 (2030)
(Gearbox) XC303 (3010)
5.5
(Fuel sensor) XC314
B19 (BK WSSC)
B46B (GY LWSC)
B46B
B19
R46 (Thermo-line)
XC318A (7 BK) (Work lamp)
Y32A (Fuel pump)
(EAT-NOx) XC312 (2030)
5.3
(BK WSSB) B14B
(GY LWSB) B41B
(Instrument)
XC201 (4 GY)
XC203 (36 BN)
XC204 (36 VT)
XC208 (12 GN)
XC210 (12 VT)
(E128.X1) XC360
5.1
(B28) XC310
B28 (FSS-LEAF)
(Lower front) XC301 (2000)
(GIC 020) XC302 (3000)
(BK WSSA) B13B
(GY LWSA) B40B
B40B
B13B
S60A/B
S70
Y02(VT)
Y03(OG)
Y18A(WH)
Y18B(YE)
(APM) A177
2010, FAA20
T3079525

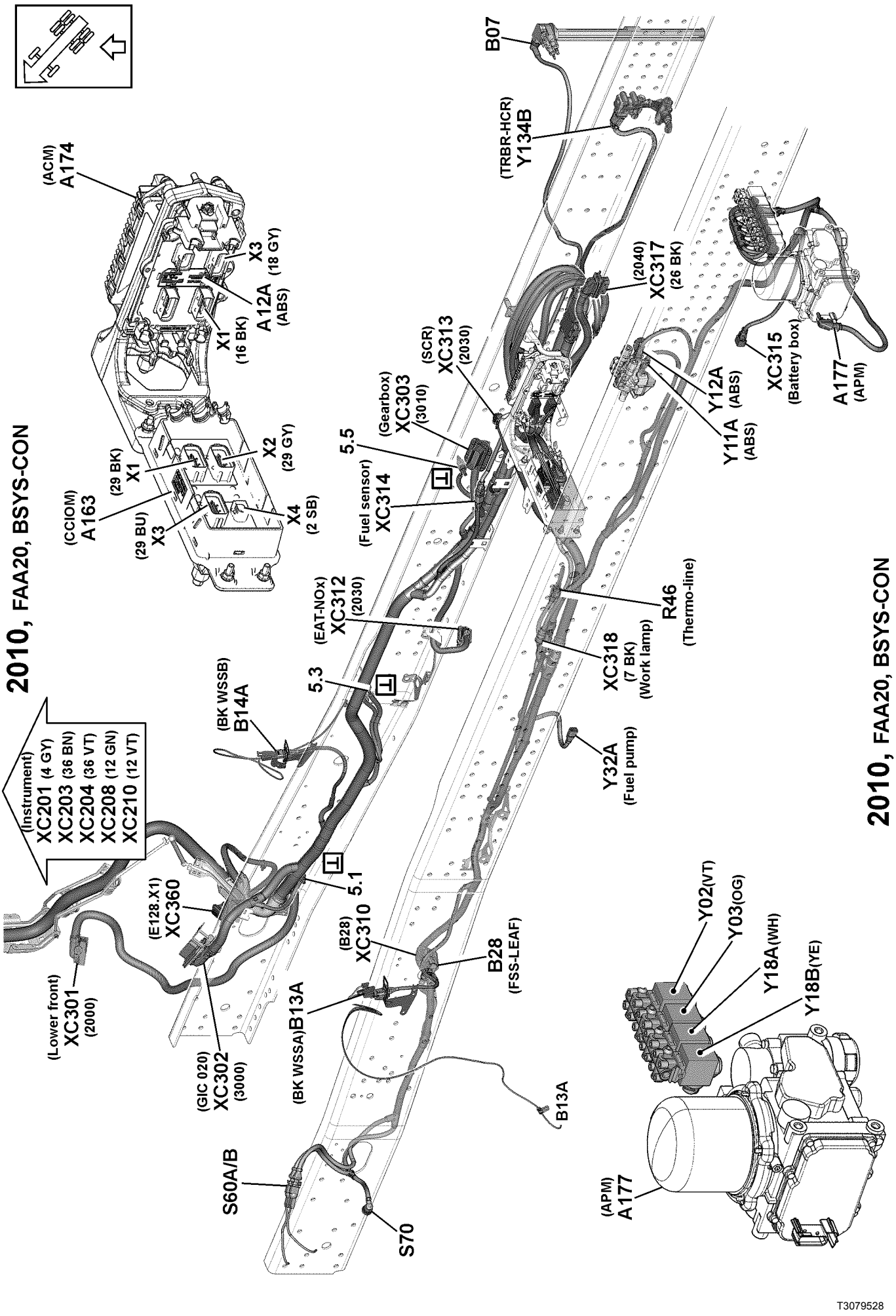

2000, 2010, LHS
A186
(CPC-ADV)
(150V DC)
B28L
(FSI-DWIS)
XC310
(FSI-DWIS)
(150V DC)
(3BK WSSA)B13B
(3GY LWSA)B40B
B28
(FSS-LEAF)
S254
(BBOX-EF)
B56
Y11
(2010, Main front)
A185
(CPC-ADV)
(150V DC)
Y40
B28
(FSS-AIR)
B40B
B13B
S60A/B
S70
(2000, Lower front)
S60B
S60A
M02
B249
M03
E83L
E98L
M11
(RHD)
E13L
(2000)
2000, 2010, LHS
3
Inlet
4
1
2
3
11
22
23
21
Left
Right
(2-Channel)
3
Inlet
4
1
2
3
11
22
23
21
Left
Right
(1-Channel)
T3080722

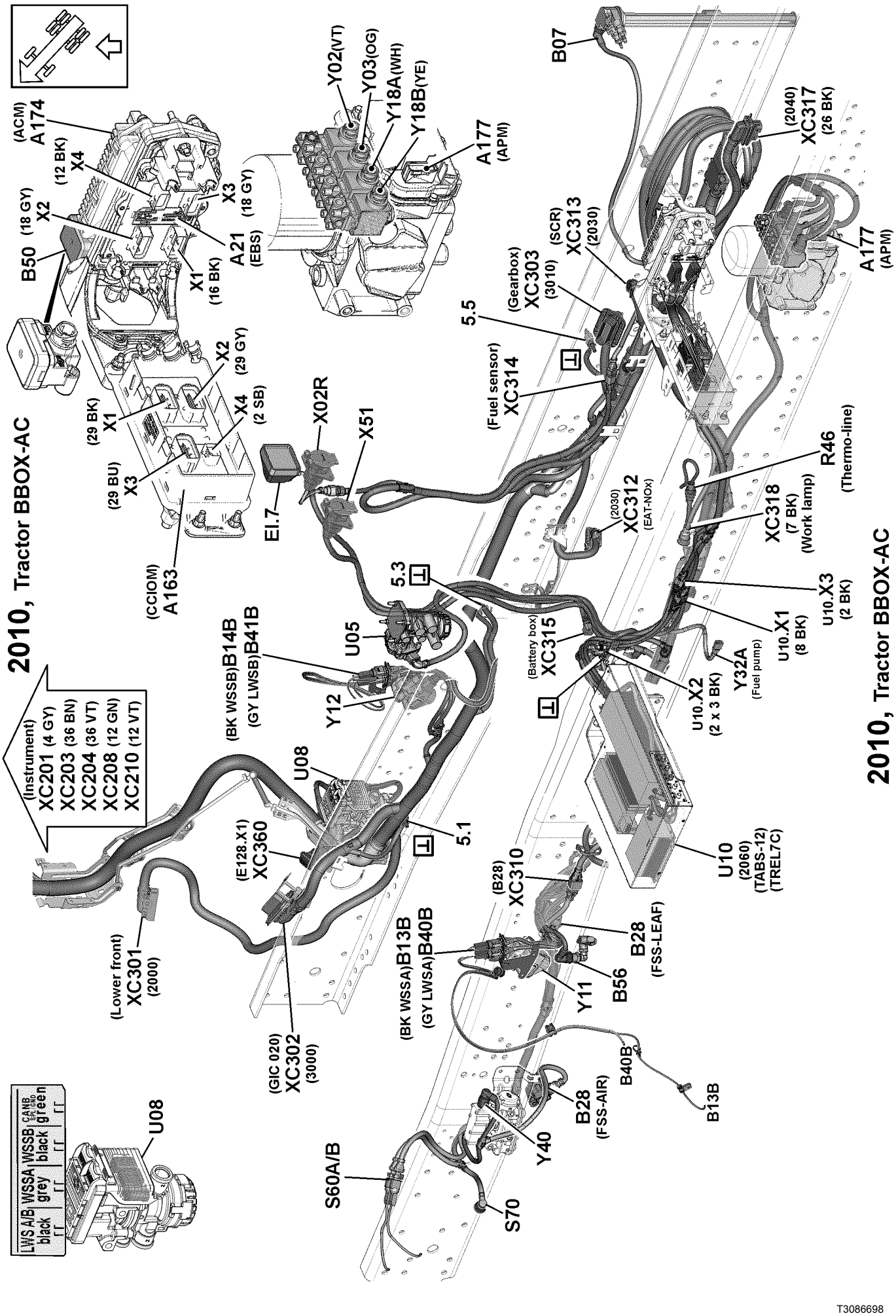

2000, 2010, LHS
(CPC-ADV)
A185
(150V DC)
(3BK WSSA)B13B
(3GY LWSA)B40B
(FSI-DWIS)
XC310
(150V DC)
B28
(FSS-LEAF)
B56
Y11
(2010, Main front)
B40B
B13B
Y40
B28
(FSS-AIR)
(2000, Lower front)
S254
(BBOX-EF)
B28L
(FSI-DWIS)
A186
(CPC-ADV)
(150V DC)
(ACTST-TO)
A179L
(CAN-LINK)
X2
(POWER)
X1
E83L
E98L
M03
M02
B249
M11
(RHD)
E13L
(2000)
(2-Channel)
(1-Channel)
Inlet
Left
Right
2000, 2010, LHS
T3076468


2000, 2010, RHS
(2 BK)
XC321
(FCIOM)
(A162.X1)
E13R
(2000)
B22
(2000)
(FCIOM)
(A162.X2)
(Horn, Lamps)
XC322
(2 GY)
(2000)
(A162.X1)
XC301
(Main front)
(2010)
(2000)
H02
H06
(2000)
E83R
(2000)
E98R
M11
(LHD)
H01
(2000)
E128.X1
XC360
X1
X2
A162
(FCIOM)
(2000)
(Lower front)
(2000)
(GIC 020)
XC302
(3000)
(2010)
(Main front)
U08
5.1
(Lower front)
(ACTST-TO)
B14B
(Alt.2)
(Engine)
X54
(CAB)
5.2
(2010, Main front)
B41B
Y12
B58R
(FSI-DWIS)
(3BK WSSB)B14B
(3GY LWSB)B41B
B28R
(FSI-DWIS)
5.3
2000, 2010, RHS
T3079526

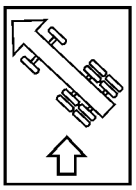

2010, IPC, CPC-ADV
(Instrument)
XC208 (12 GN)
(2010)
M55
M55
(Inverter)
A185
5.0
(CPC-ADV)
(150V Power supply)
(2010)
(2010)
(2010)
(2010)
(A185D, A186D)
5.5
(2010)
(Battery box)
FM10
(PCCU)
A186
2010, IPC, CPC-ADV
(150V)
A185C
(Ground)
A185D
(2010)
A185A
(150V)
A186C
A186B
(FM10, 5.5-ground)
(2010)
A186A
A186D
(Ground)
T3071167

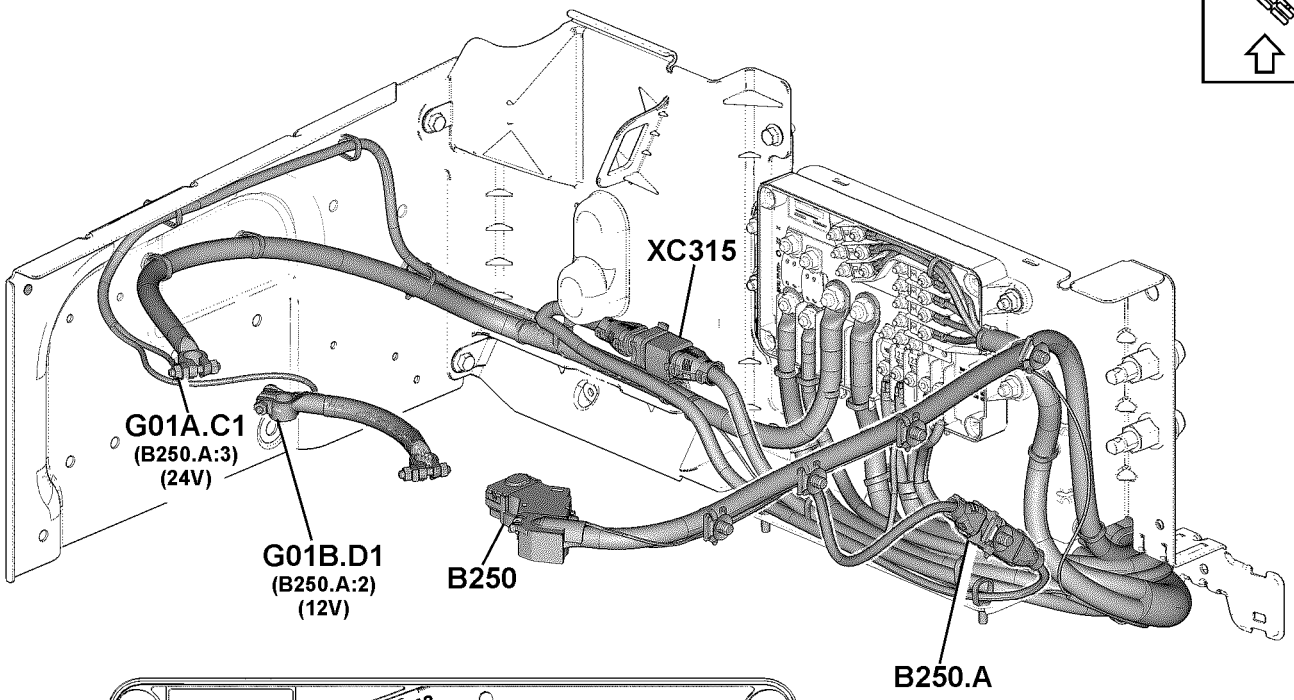

2010, FAA10, BSYS-CON
(ACM) A174
X1 (16 BK)
X2 (29 GY)
X3 (18 GY)
X4 (2 SB)
A12A (ABS)
Y02(VT)
Y03(OG)
Y18A(WH)
Y18B(YE)
A177 (APM)
B07
(2040) XC317 (26 BK)
(SCR) XC313 (2030)
(Gearbox) XC303 (3010)
5.5
(Fuel sensor) XC314
Y134B (TRBR-HCR)
(29 BK) X1
(29 BU) X3
(CCIOM) A163
EI.7
X02
X03
(EAT-NOx) XC312 (2030)
R46 (Thermo-line)
XC318A (7 BK) (Work lamp)
(ABS) Y12A
5.3
(BK WSSB)B14A
Y32A (Fuel pump)
XC315 (Battery box)
(Instrument) XC201 (4 GY) XC203 (36 BN) XC204 (36 VT) XC208 (12 GN) XC210 (12 VT)
(E128.X1) XC360
5.1
(Lower front) XC301 (2000)
(B28) XC310
B28 (FSS-LEAF)
(BK WSSA)B13A
Y11A (ABS)
(GIC 020) XC302 (3000)
B13A
S60A/B
S70
T3079527

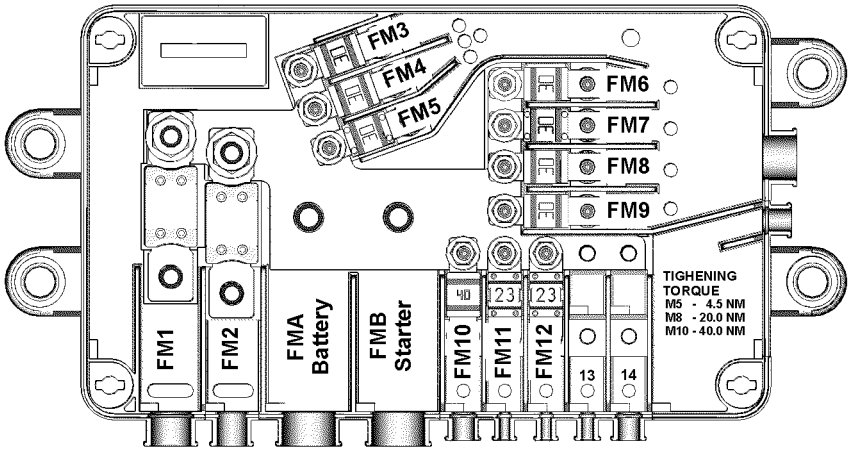

2010, FAA20, BSYS-CON
(Instrument)
XC201 (4 GY)
XC203 (36 BN)
XC204 (36 VT)
XC208 (12 GN)
XC210 (12 VT)
(Lower front)
XC301
(2000)
(E128.X1)
XC360
(GIC 020)
XC302
(3000)
(BK WSSA)B13A
(BK WSSB)
B14A
(B28)
XC310
5.1
5.3
(EAT-NOx)
XC312
(2030)
5.5
(Fuel sensor)
XC314
(Gearbox)
XC303
(3010)
(SCR)
XC313
(2030)
B28
(FSS-LEAF)
B13A
S60A/B
S70
(ACM)
A174
X3
(18 GY)
A12A
(ABS)
X1
(16 BK)
(CCIOM)
A163
(29 BK)
X1
X2
(29 GY)
(29 BU)
X3
X4
(2 SB)
B07
(TRBR-HCR)
Y134B
(2040)
XC317
(26 BK)
XC315
(Battery box)
A177
(APM)
Y12A
(ABS)
Y11A
(ABS)
XC318
(7 BK)
(Work lamp)
R46
(Thermo-line)
Y32A
(Fuel pump)
Y02(VT)
Y03(OG)
Y18A(WH)
Y18B(YE)
(APM)
A177
2010, FAA20, BSYS-CON
T3079528


2010, Tractor BBOX-AC
(ACM) A174
(12 BK) X4
(18 GY) X2
X3 (18 GY)
B50
X1 (16 BK)
A21 (EBS)
Y02(VT)
Y03(OG)
Y18A(WH)
Y18B(YE)
A177 (APM)
B07
(2040) XC317 (26 BK)
(SCR) XC313 (2030)
(Gearbox) XC303 (3010)
5.5
(Fuel sensor) XC314
X2 (29 GY)
(29 BK) X1
X4 (2 SB)
(29 BU) X3
(CCIOM) A163
El.7
X02R
X51
R46 (Thermo-line)
(2030) XC312 (EAT-NOx)
XC318 (7 BK) (Work lamp)
5.3
U10.X3 (2 BK)
U05
(Battery box) XC315
U10.X1 (8 BK)
(BK WSSB)B14B
(GY LWSB)B41B
Y12
Y32A (Fuel pump)
U10.X2 (2 x 3 BK)
U08
(Instrument)
XC201 (4 GY)
XC203 (36 BN)
XC204 (36 VT)
XC208 (12 GN)
XC210 (12 VT)
(E128.X1) XC360
5.1
(B28) XC310
U10 (2060) (TABS-12) (TRELC)
(Lower front) XC301 (2000)
(BK WSSA)B13B
(GY LWSA)B40B
B28 (FSS-LEAF)
Y11
B56
(GIC 020) XC302 (3000)
B28 (FSS-AIR)
B40B
B13B
Y40
S60A/B
S70
LWS A/B black
WSSA grey
WSSB black
CAN B SHIELD green
U08
2010, Tractor BBOX-AC
T3086698

# MSWI-B, MSWI-R, UADR





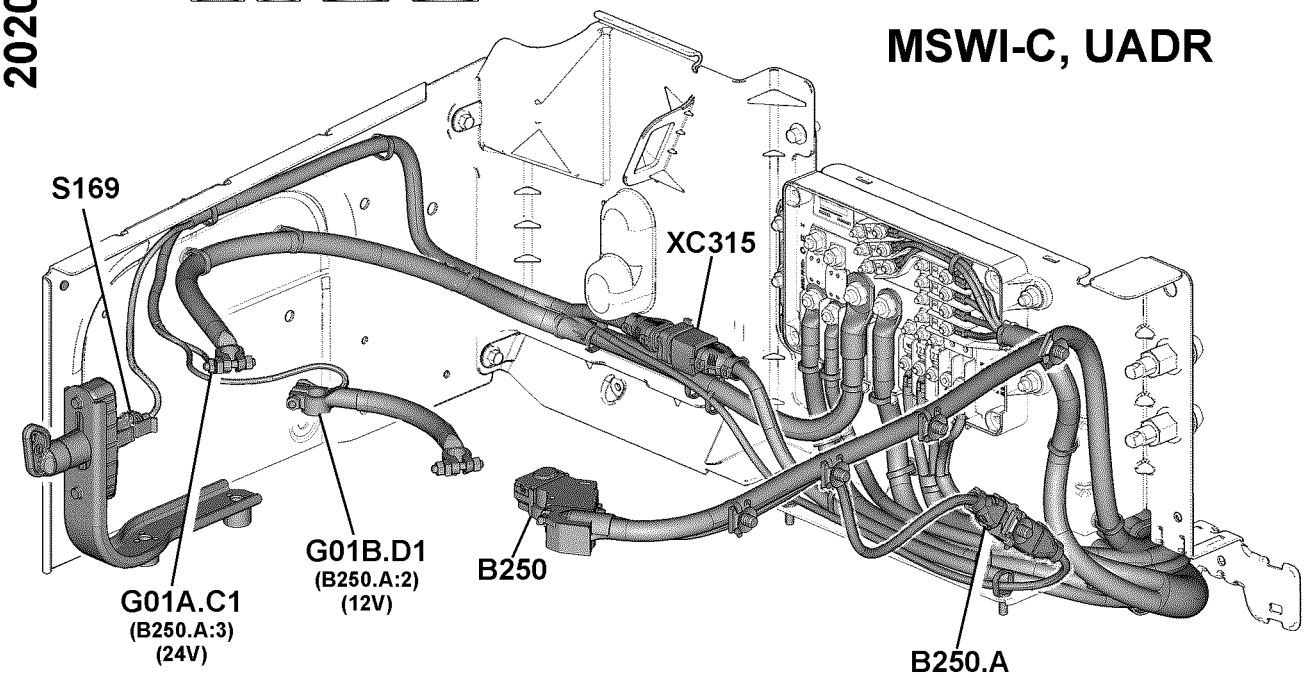




| | | | |
|---|---|---|---|
| FM A | Batt | No Fuse | M10 |
| FM B | Start | No Fuse | M10 |
| FM 1 | BB | 200A | M8 |
| FM 2 | Cab | 100A | M8 |
| FM 3 | FCIOM | 30A | M5 |
| FM 4 | CCIOM | 30A | M5 |
| FM 5 | RCIOM | 30A | M5 |
| FM 6 | FCIOM | 30A | M5 |
| FM 7 | CCIOM | 30A | M5 |
| FM 8 | RCIOM | 30A | M5 |
| FM 9 | FAS | 30A | M5 |
| FM 10 | PCCU | 40A | M5 |
| FM 11 | ACM | 23A | M5 |
| FM 12 | RAS | 23A | M5 |

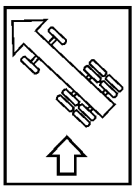
2020, BBOX-L

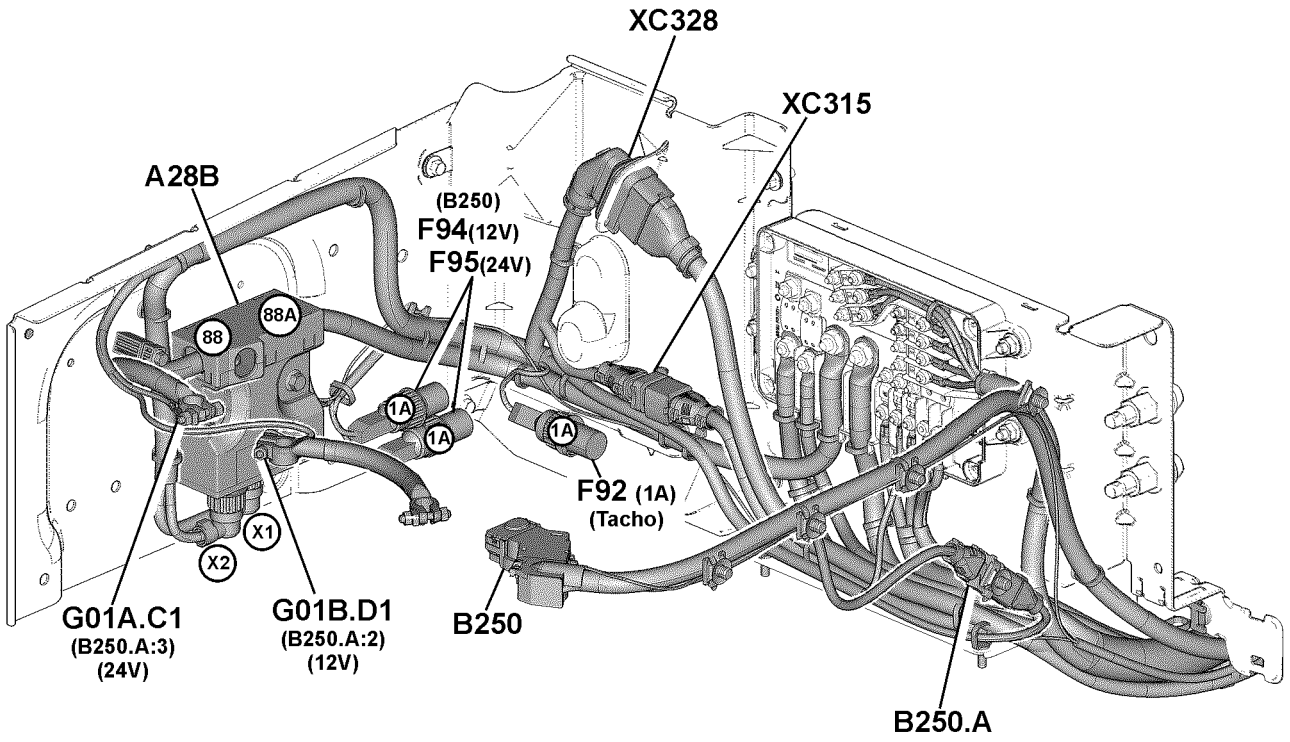
2020, BBOX-L

# MSWI-C, UADR



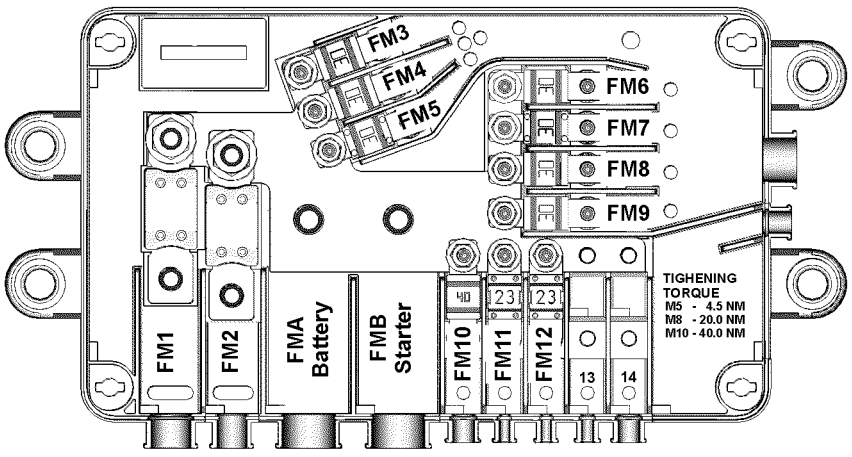
# MSWI-A, ADR1, ADR2






2020, BBOX-L

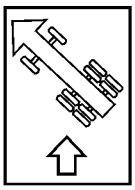
2020, BBOX-L

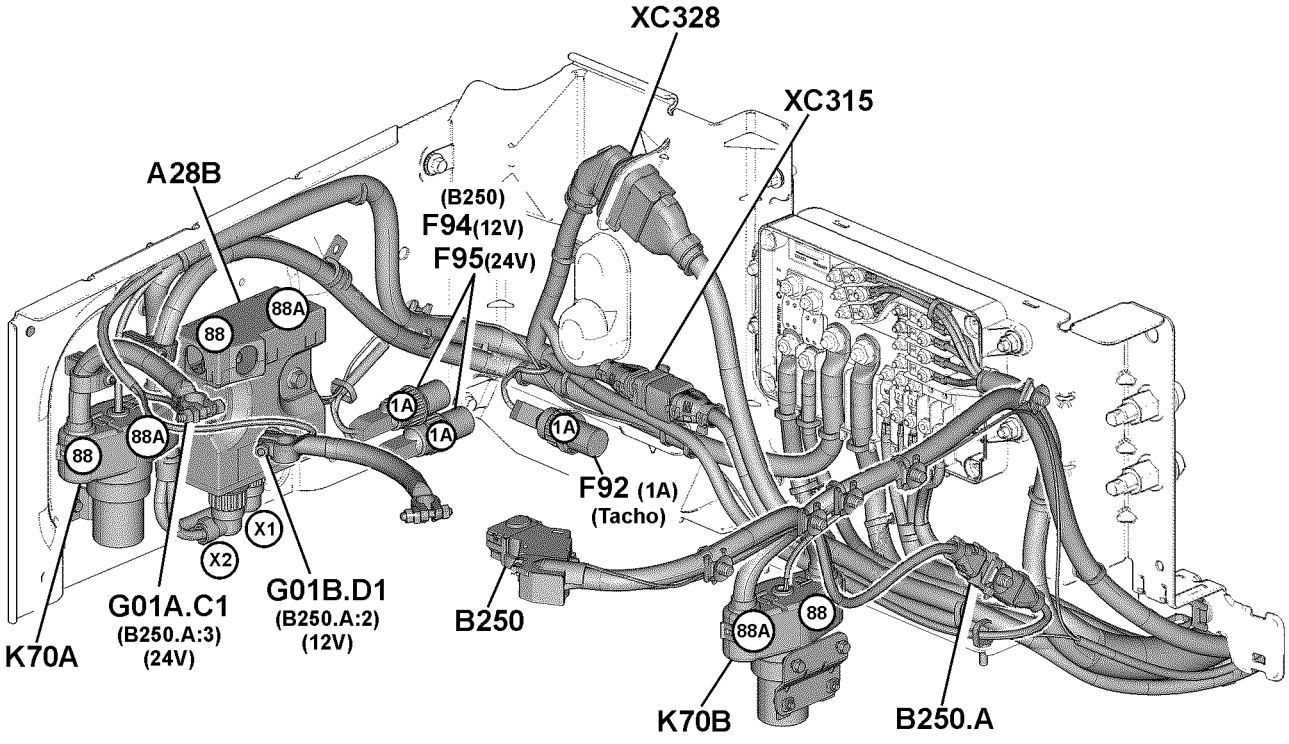



| | | | |
|---|---|---|---|
| FM A | Batt | No Fuse | M10 |
| FM B | Start | No Fuse | M10 |
| FM 1 | BB | 200A | M8 |
| FM 2 | Cab | 100A | M8 |
| FM 3 | FCIOM | 30A | M5 |
| FM 4 | CCIOM | 30A | M5 |
| FM 5 | RCIOM | 30A | M5 |
| FM 6 | FCIOM | 30A | M5 |
| FM 7 | CCIOM | 30A | M5 |
| FM 8 | RCIOM | 30A | M5 |
| FM 9 | FAS | 30A | M5 |
| FM 10 | PCCU | 40A | M5 |
| FM 11 | ACM | 23A | M5 |
| FM 12 | RAS | 23A | M5 |

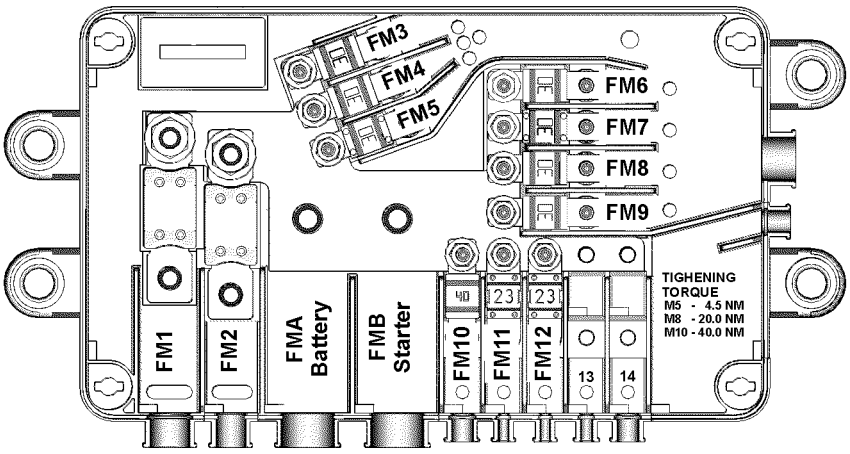
T3065159

# MSWI-A, ADR3





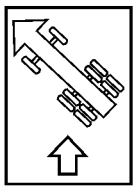

2020, BBOX-L

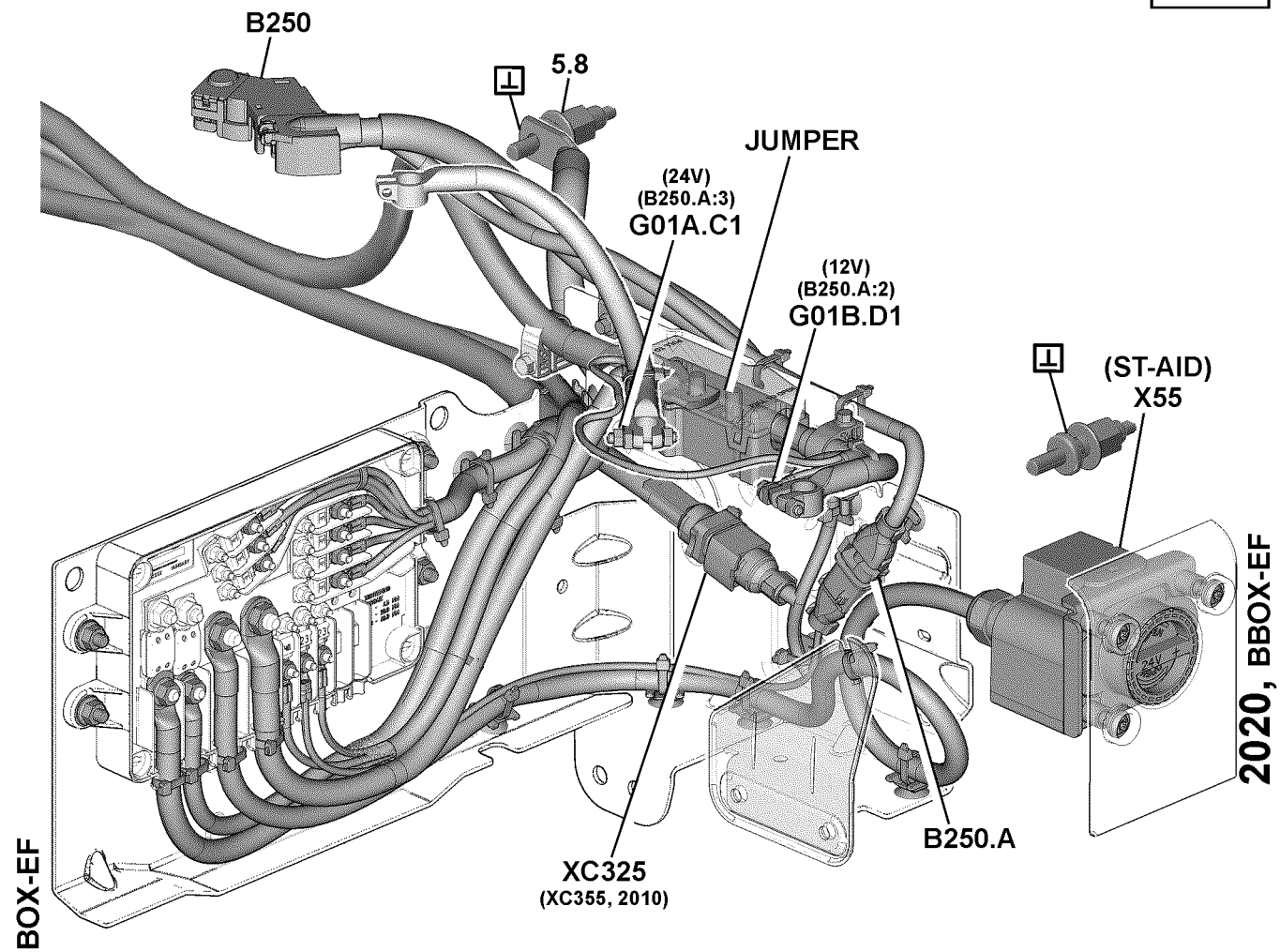


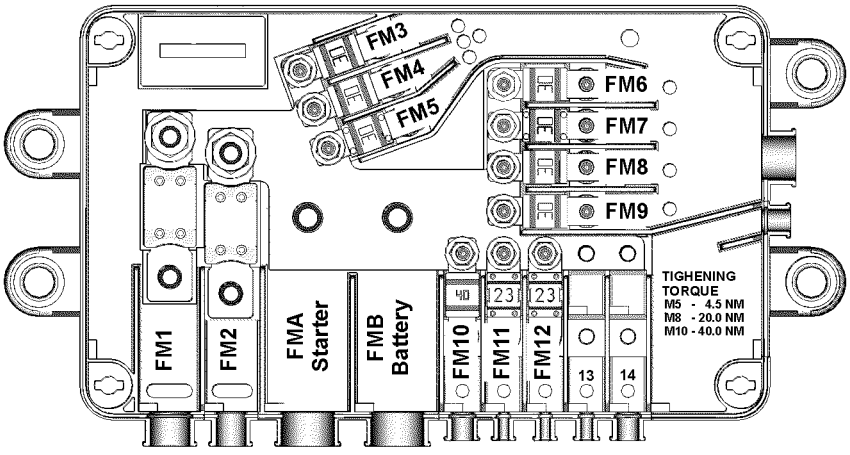

| | | | |
|---|---|---|---|
| FM A | Batt | No Fuse | M10 |
| FM B | Start | No Fuse | M10 |
| FM 1 | BB | 200A | M8 |
| FM 2 | Cab | 100A | M8 |
| FM 3 | FCIOM | 30A | M5 |
| FM 4 | CCIOM | 30A | M5 |
| FM 5 | RCIOM | 30A | M5 |
| FM 6 | FCIOM | 30A | M5 |
| FM 7 | CCIOM | 30A | M5 |
| FM 8 | RCIOM | 30A | M5 |
| FM 9 | FAS | 30A | M5 |
| FM 10 | PCCU | 40A | M5 |
| FM 11 | ACM | 23A | M5 |
| FM 12 | RAS | 23A | M5 |

T3065160

# MSWI-B, MSWI-C, MSWI-R



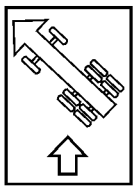


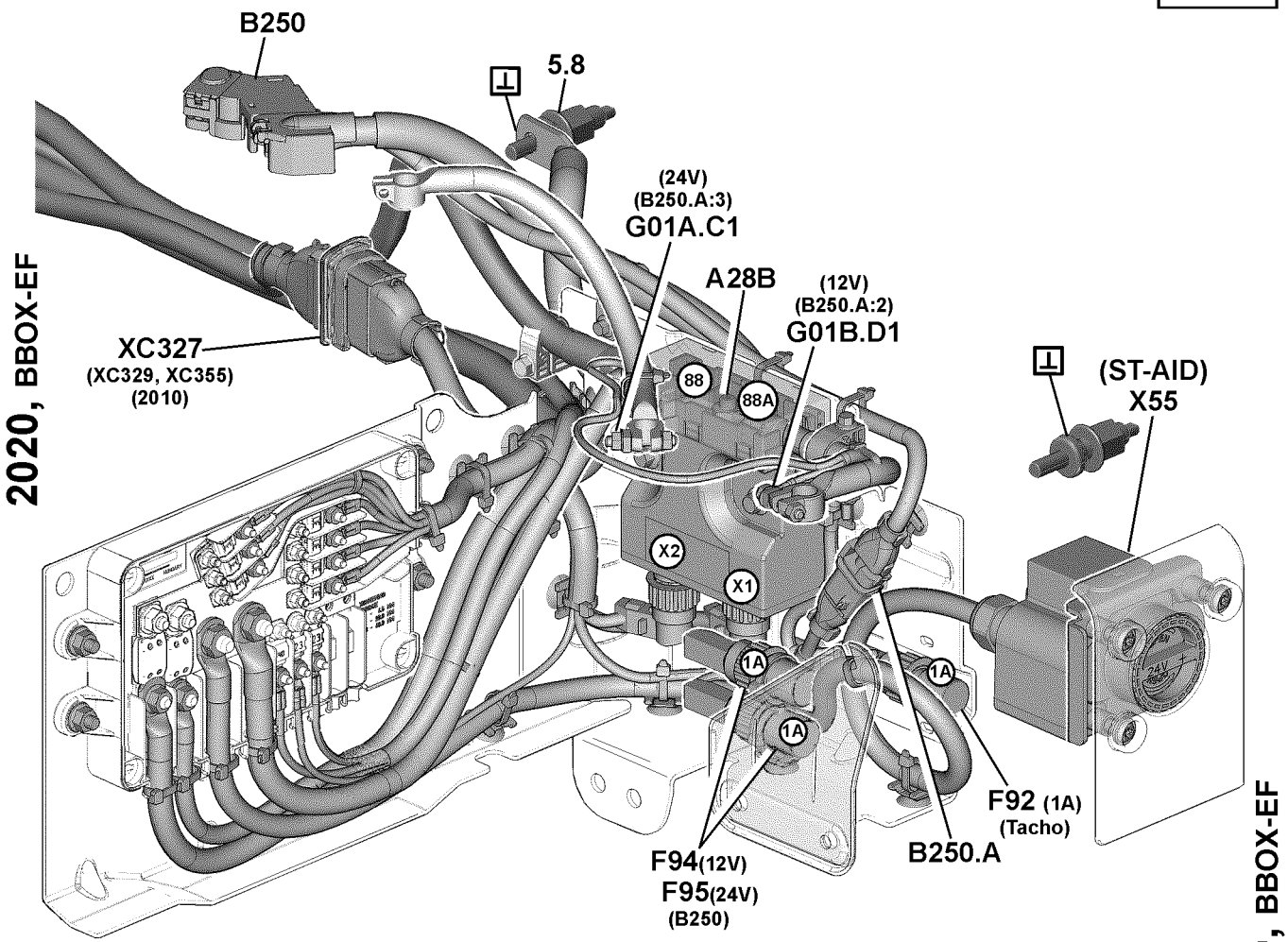



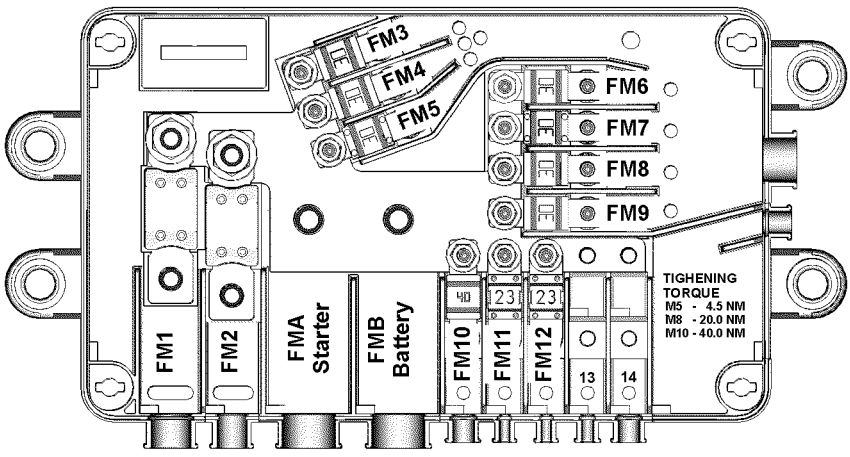

| | | | |
|---|---|---|---|
| FM A | Start | No Fuse | M10 |
| FM B | Batt | No Fuse | M10 |
| FM 1 | BB | 200A | M8 |
| FM 2 | Cab | 100A | M8 |
| FM 3 | FCIOM | 30A | M5 |
| FM 4 | CCIOM | 30A | M5 |
| FM 5 | RCIOM | 30A | M5 |
| FM 6 | FCIOM | 30A | M5 |
| FM 7 | CCIOM | 30A | M5 |
| FM 8 | RCIOM | 30A | M5 |
| FM 9 | FAS | 30A | M5 |
| FM 10 | PCCU | 40A | M5 |
| FM 11 | ACM | 23A | M5 |
| FM 12 | RAS | 23A | M5 |

T3065161

# MSWI-A, ADR1, ADR2

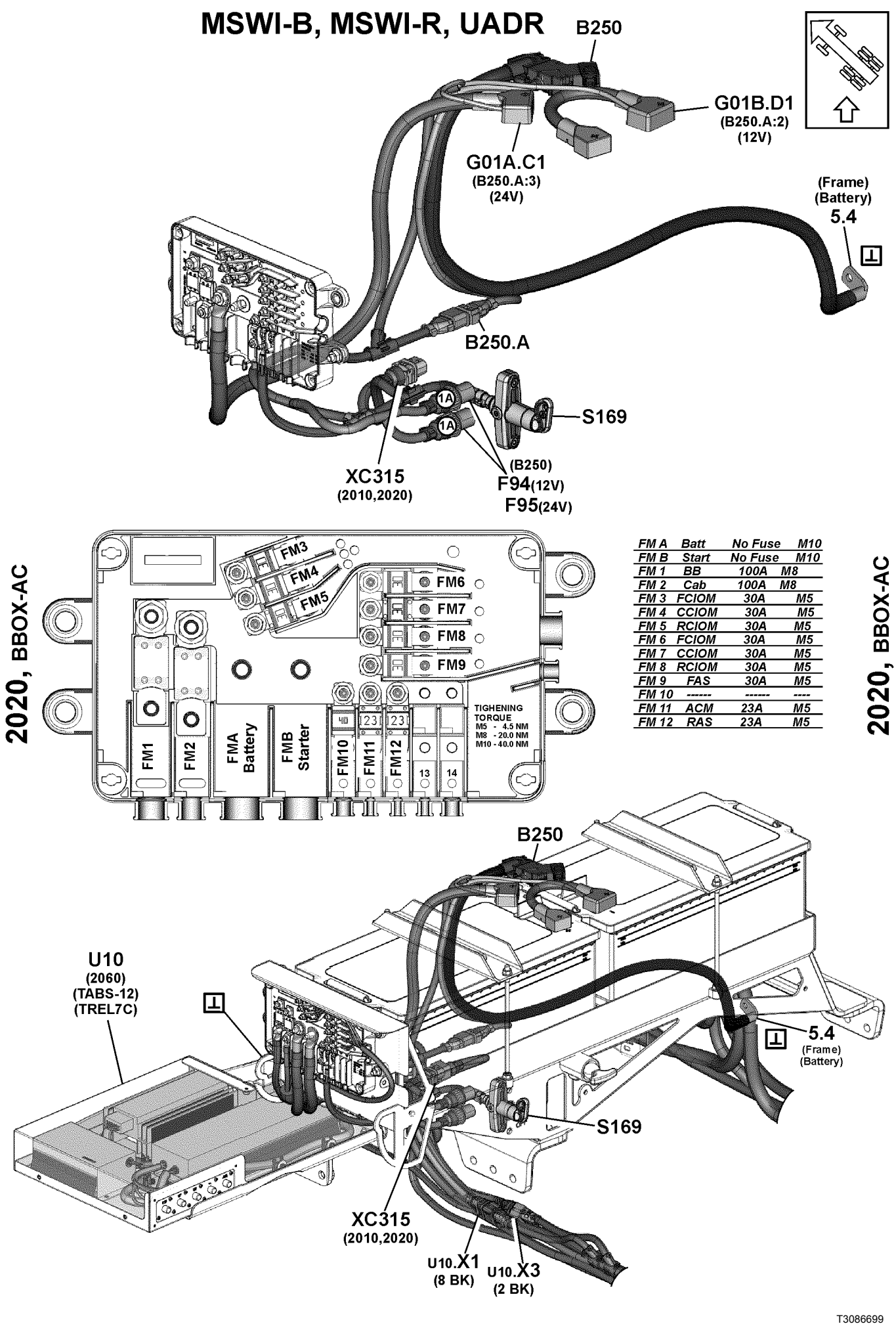


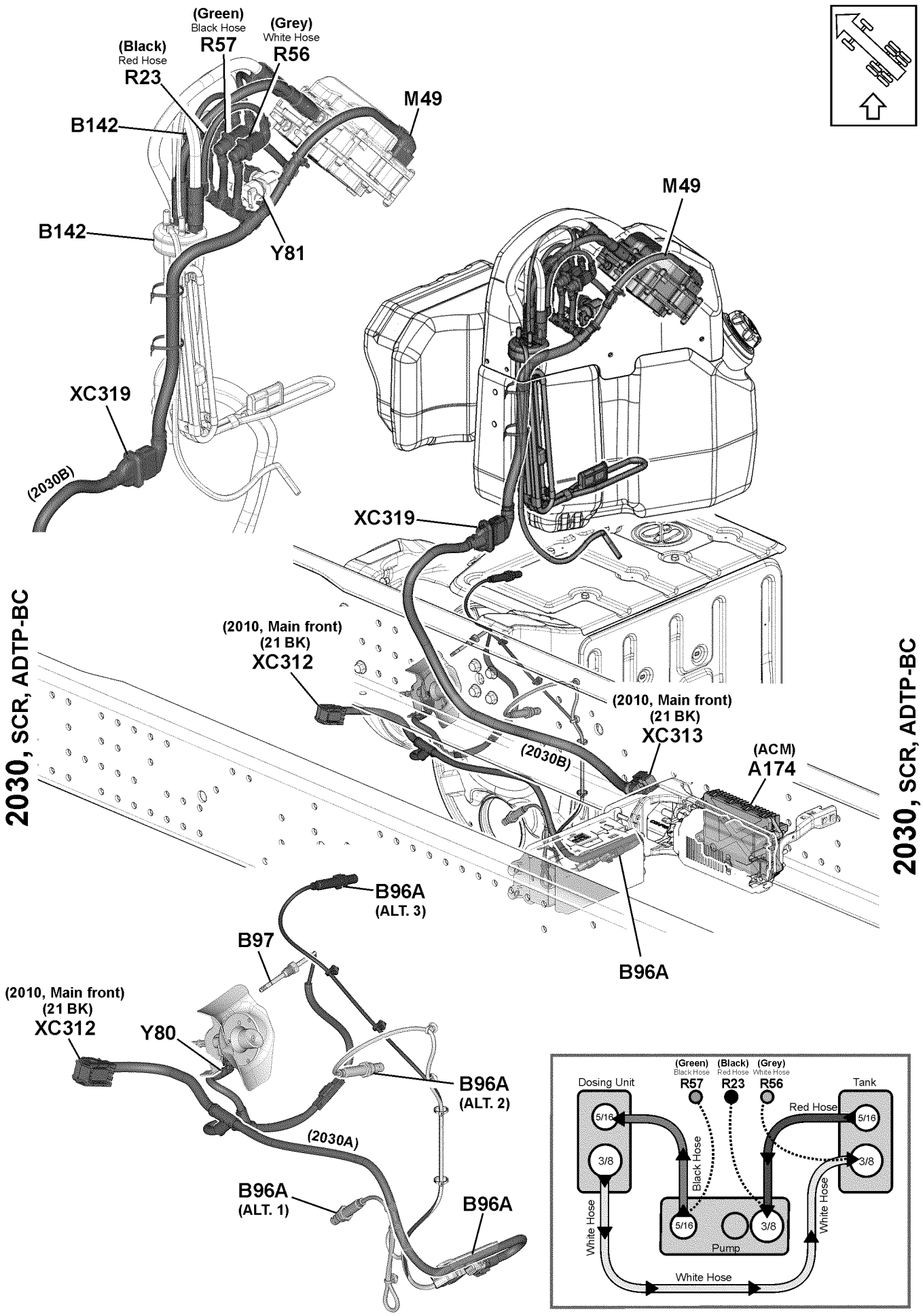


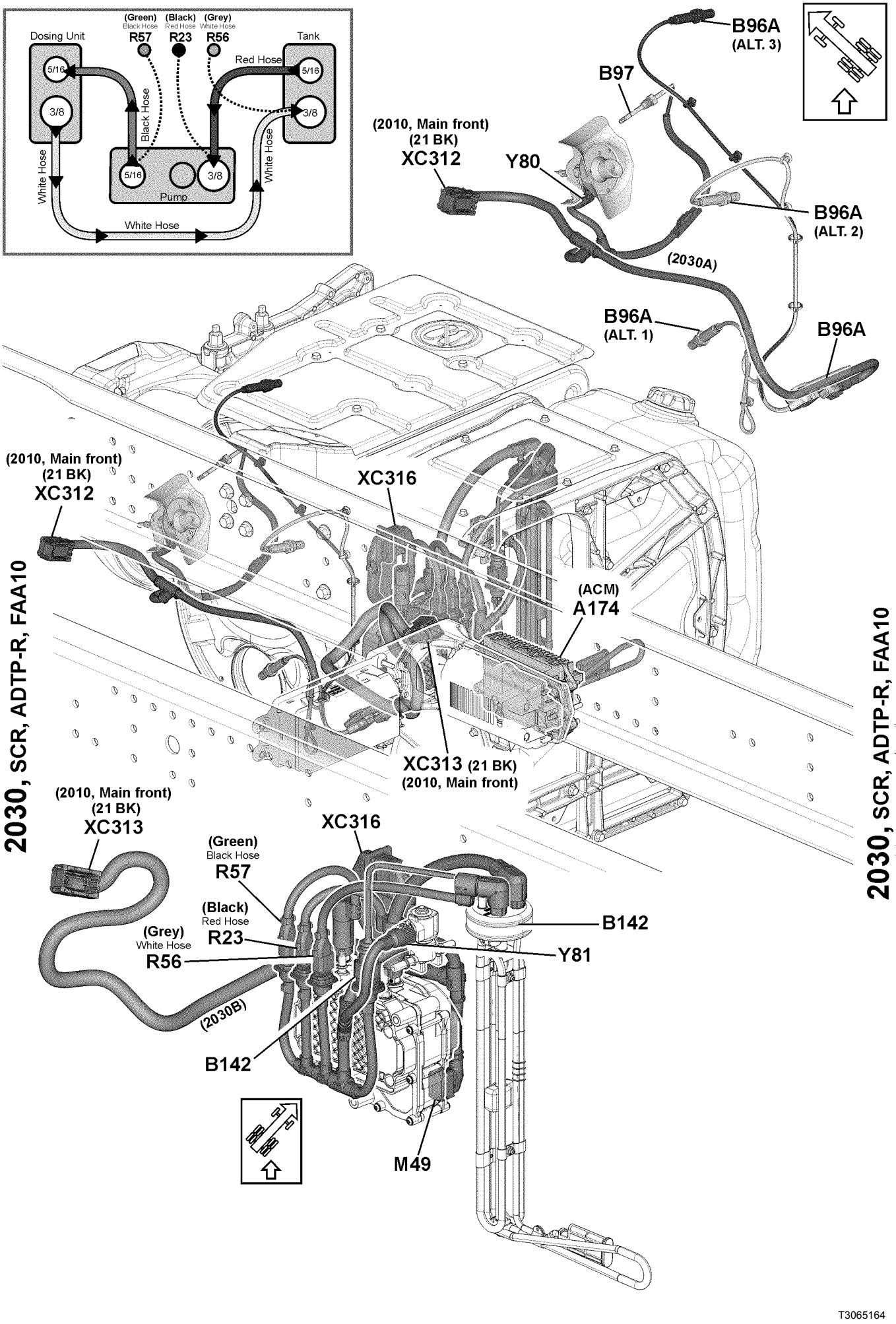

| | | | |
|---|---|---|---|
| FM A | Start | No Fuse | M10 |
| FM B | Batt | No Fuse | M10 |
| FM 1 | BB | 200A | M8 |
| FM 2 | Cab | 100A | M8 |
| FM 3 | FCIOM | 30A | M5 |
| FM 4 | CCIOM | 30A | M5 |
| FM 5 | RCIOM | 30A | M5 |
| FM 6 | FCIOM | 30A | M5 |
| FM 7 | CCIOM | 30A | M5 |
| FM 8 | RCIOM | 30A | M5 |
| FM 9 | FAS | 30A | M5 |
| FM 10 | PCCU | 40A | M5 |
| FM 11 | ACM | 23A | M5 |
| FM 12 | RAS | 23A | M5 |

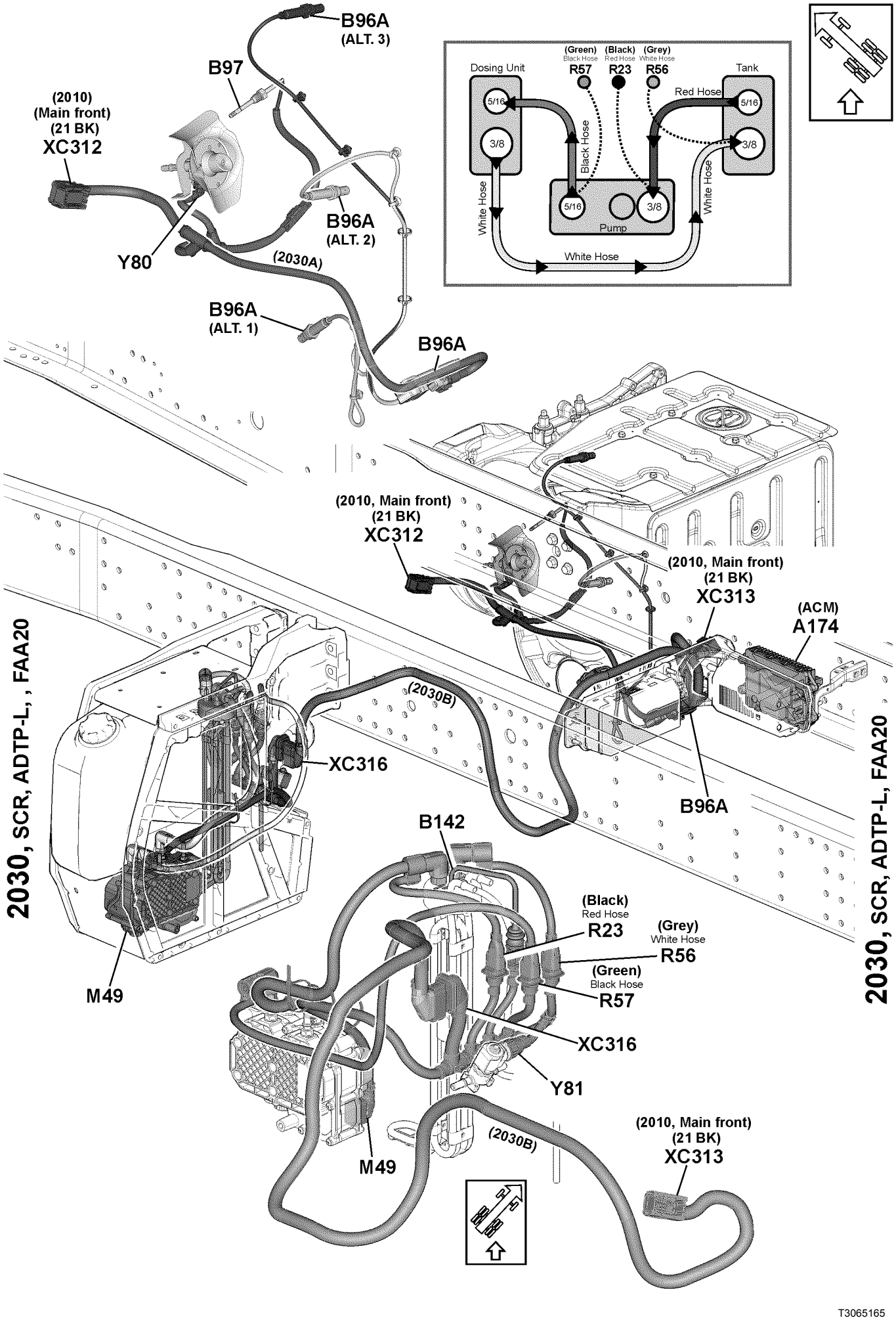
T3065162

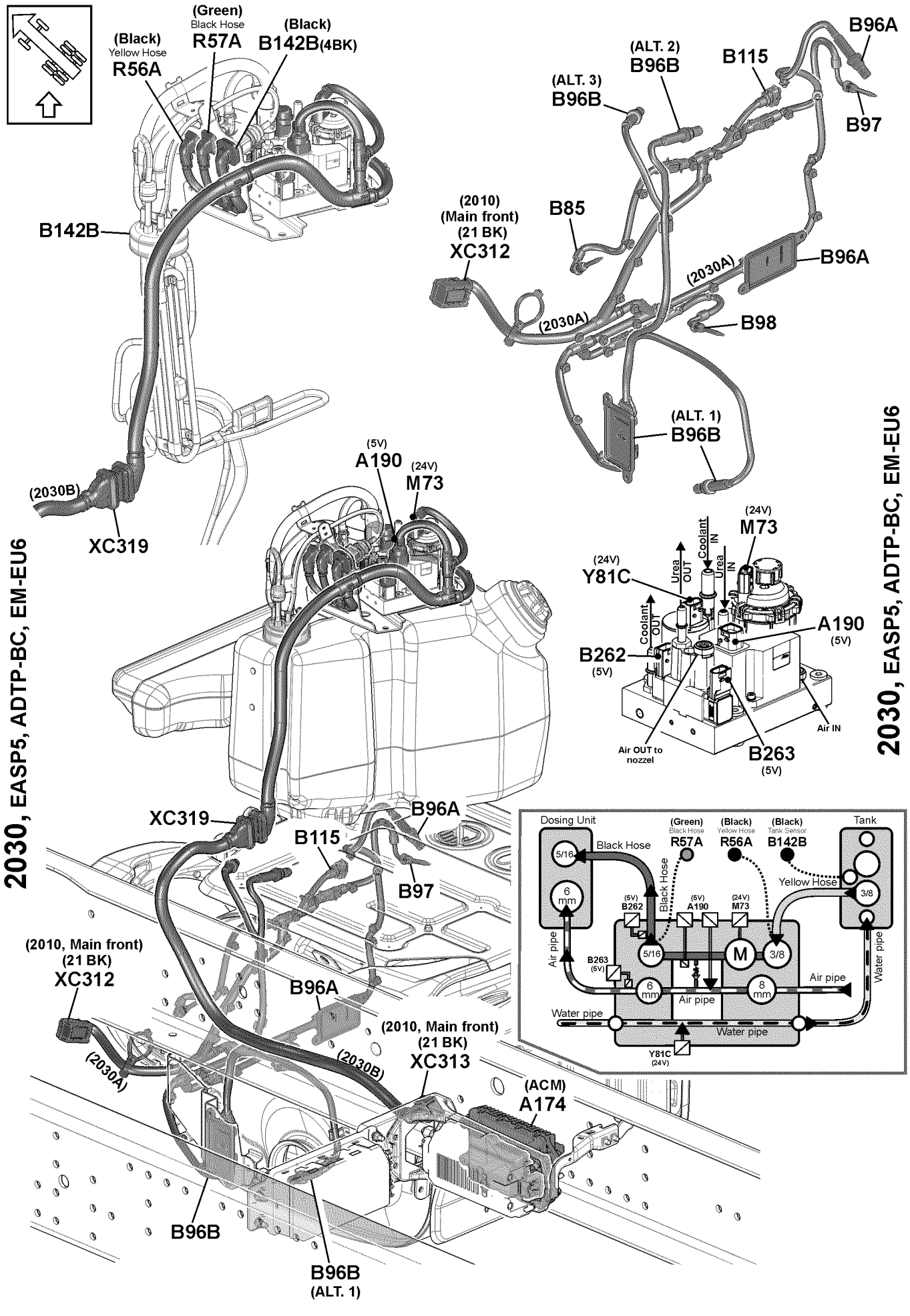

MSWI-B, MSWI-R, UADR
B250
G01B.D1
(B250.A:2)
(12V)
G01A.C1
(B250.A:3)
(24V)
(Frame)
(Battery)
5.4
B250.A
1A
1A
S169
XC315
(2010,2020)
(B250)
F94(12V)
F95(24V)
2020, BBOX-AC
FM3
FM4
FM5
FM6
FM7
FM8
FM9
FM1
FM2
FMA Battery
FMB Starter
FM10
FM11
FM12
13
14
TIGHENING TORQUE
M5 - 4.5 NM
M8 - 20.0 NM
M10 - 40.0 NM
FM A Batt No Fuse M10
FM B Start No Fuse M10
FM 1 BB 100A M8
FM 2 Cab 100A M8
FM 3 FCIOM 30A M5
FM 4 CCIOM 30A M5
FM 5 RCIOM 30A M5
FM 6 FCIOM 30A M5
FM 7 CCIOM 30A M5
FM 8 RCIOM 30A M5
FM 9 FAS 30A M5
FM 10 ------ ------ ----
FM 11 ACM 23A M5
FM 12 RAS 23A M5
2020, BBOX-AC
B250
U10
(2060)
(TABS-12)
(TREL7C)
5.4
(Frame)
(Battery)
S169
XC315
(2010,2020)
U10.X1
(8 BK)
U10.X3
(2 BK)
T3086699

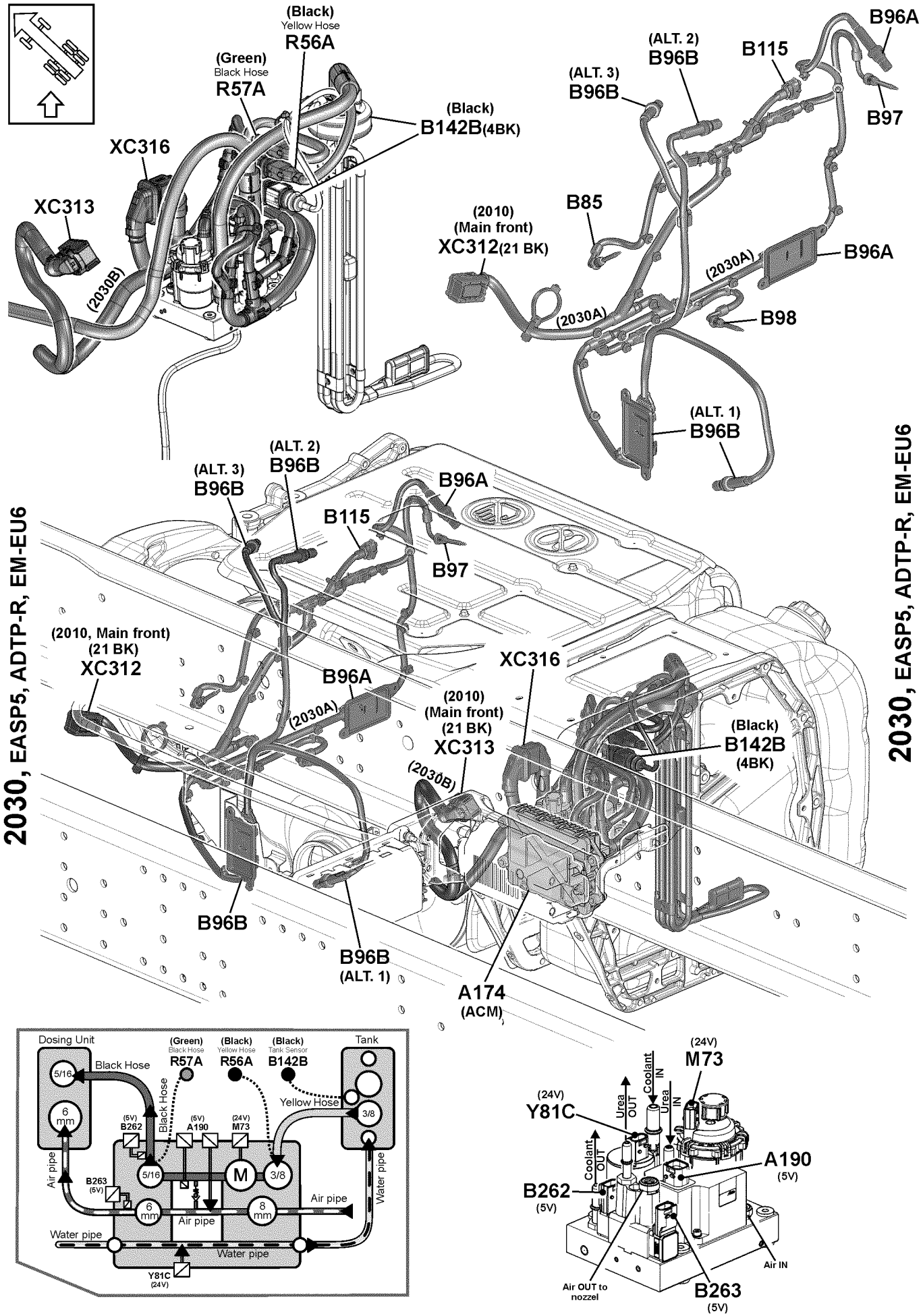

(Green)
Black Hose
R57
(Grey)
White Hose
R56
(Black)
Red Hose
R23
M49
B142
B142
Y81
M49
XC319
(2030B)
XC319
2030, SCR, ADTP-BC
(2010, Main front)
(21 BK)
XC312
(2010, Main front)
(21 BK)
XC313
(2030B)
(ACM)
A174
2030, SCR, ADTP-BC
B96A
(ALT. 3)
B97
B96A
(2010, Main front)
(21 BK)
XC312
Y80
B96A
(ALT. 2)
(2030A)
B96A
(ALT. 1)
B96A
Dosing Unit
(Green) Black Hose R57
(Black) Red Hose R23
(Grey) White Hose R56
Tank
Red Hose
5/16
3/8
Black Hose
White Hose
Pump
White Hose
White Hose

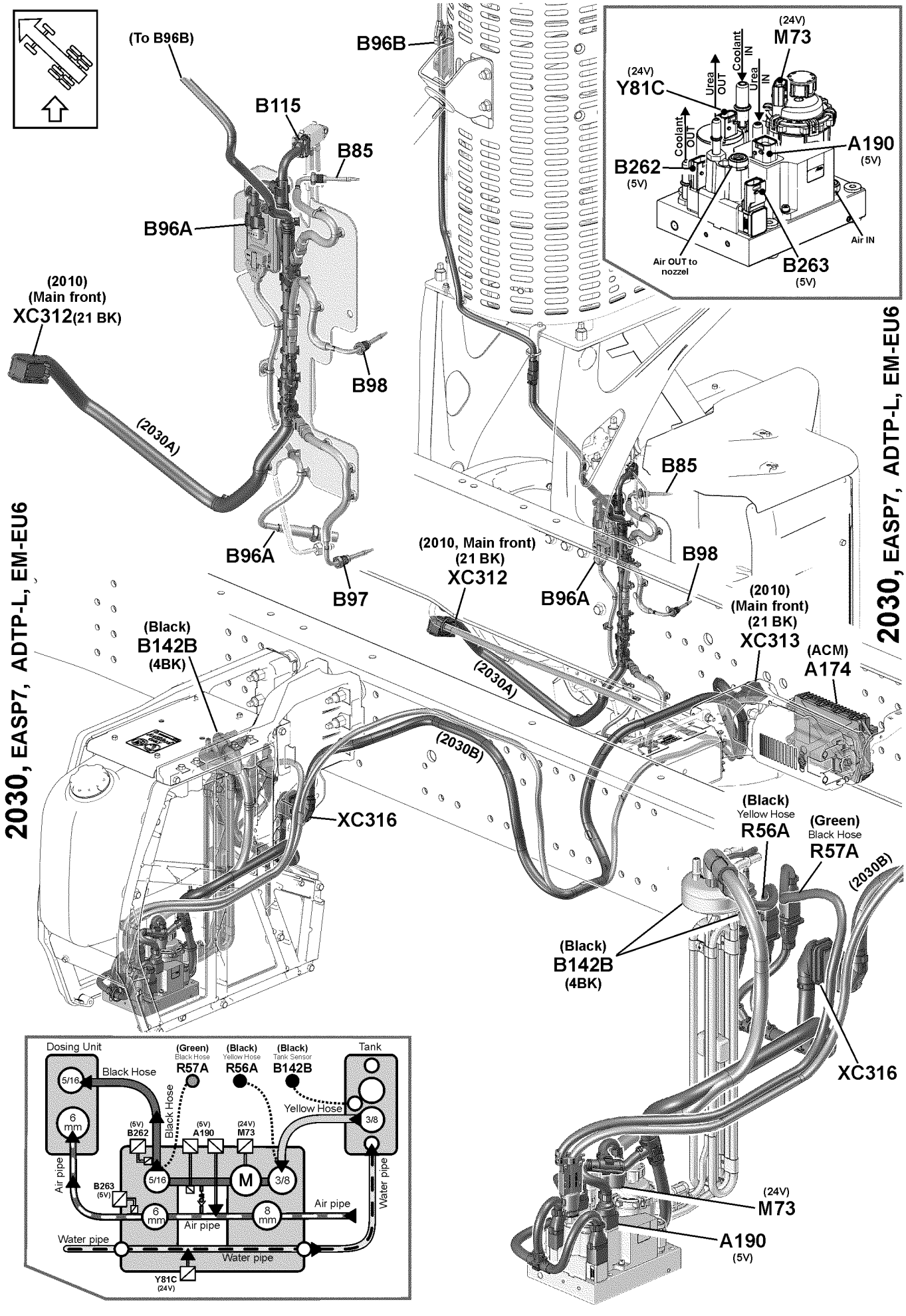
T3065163


(Green) Black Hose R57
(Black) Red Hose R23
(Grey) White Hose R56
Dosing Unit
Tank
Red Hose
Black Hose
White Hose
White Hose
White Hose
Pump
5/16
3/8
B96A (ALT. 3)
B97
(2010, Main front) (21 BK) XC312
Y80
B96A (ALT. 2)
(2030A)
B96A (ALT. 1)
B96A
(2010, Main front) (21 BK) XC312
XC316
(ACM) A174
XC313 (21 BK) (2010, Main front)
2030, SCR, ADTP-R, FAA10
(2010, Main front) (21 BK) XC313
XC316
(Green) Black Hose R57
(Black) Red Hose R23
(Grey) White Hose R56
B142
Y81
(2030B)
B142
M49
T3065164

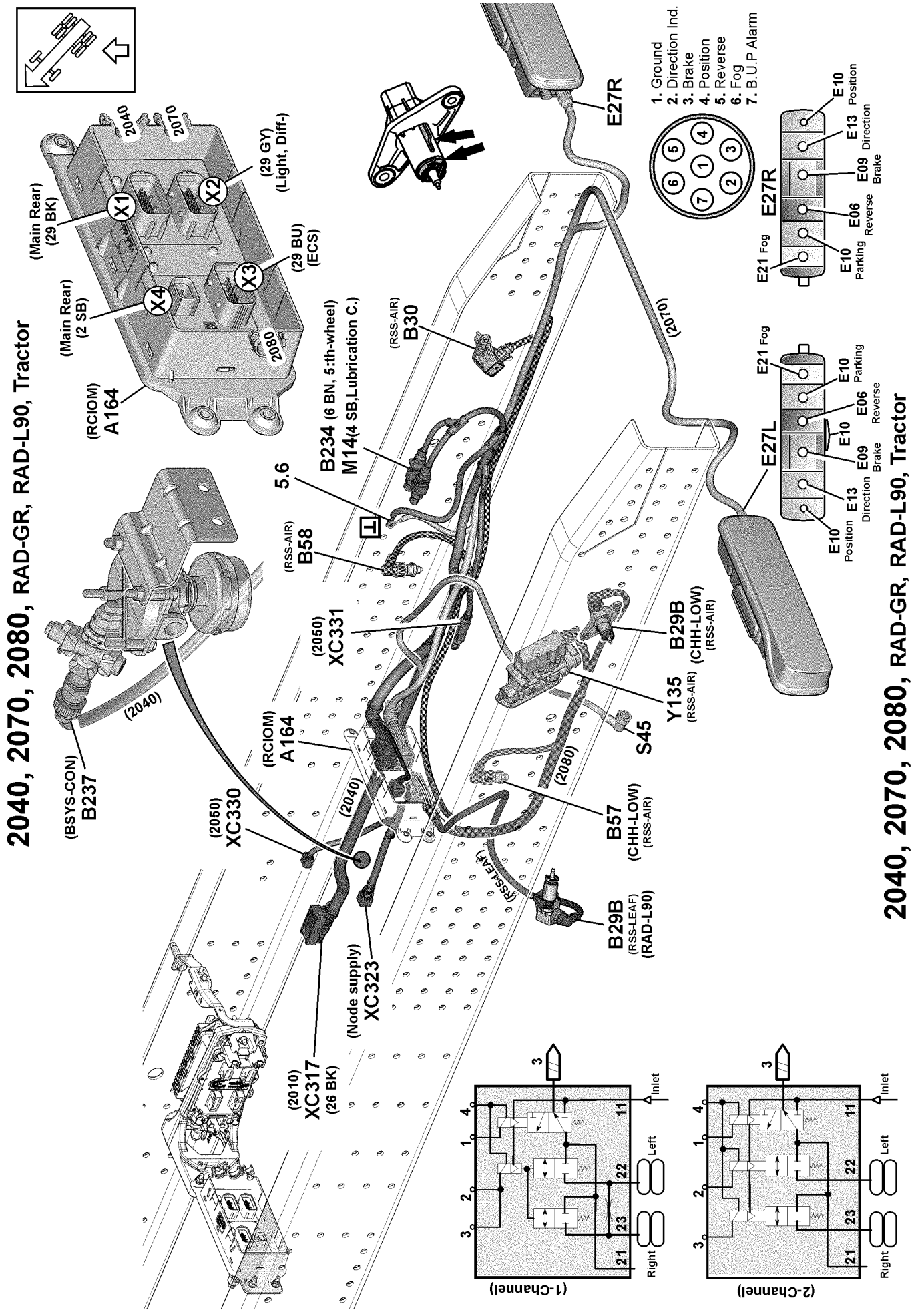

B96A
(ALT. 3)
B97
(2010)
(Main front)
(21 BK)
XC312
B96A
(ALT. 2)
Y80
(2030A)
B96A
(ALT. 1)
B96A
(Green)
Black Hose
R57
(Black)
Red Hose
R23
(Grey)
White Hose
R56
Dosing Unit
Tank
Red Hose
5/16
3/8
Black Hose
White Hose
Pump
(2010, Main front)
(21 BK)
XC312
(2010, Main front)
(21 BK)
XC313
(ACM)
A174
(2030B)
XC316
B96A
2030, SCR, ADTP-L, , FAA20
2030, SCR, ADTP-L, FAA20
B142
(Black)
Red Hose
R23
(Grey)
White Hose
R56
(Green)
Black Hose
R57
XC316
Y81
M49
M49
(2030B)
(2010, Main front)
(21 BK)
XC313
T3065165

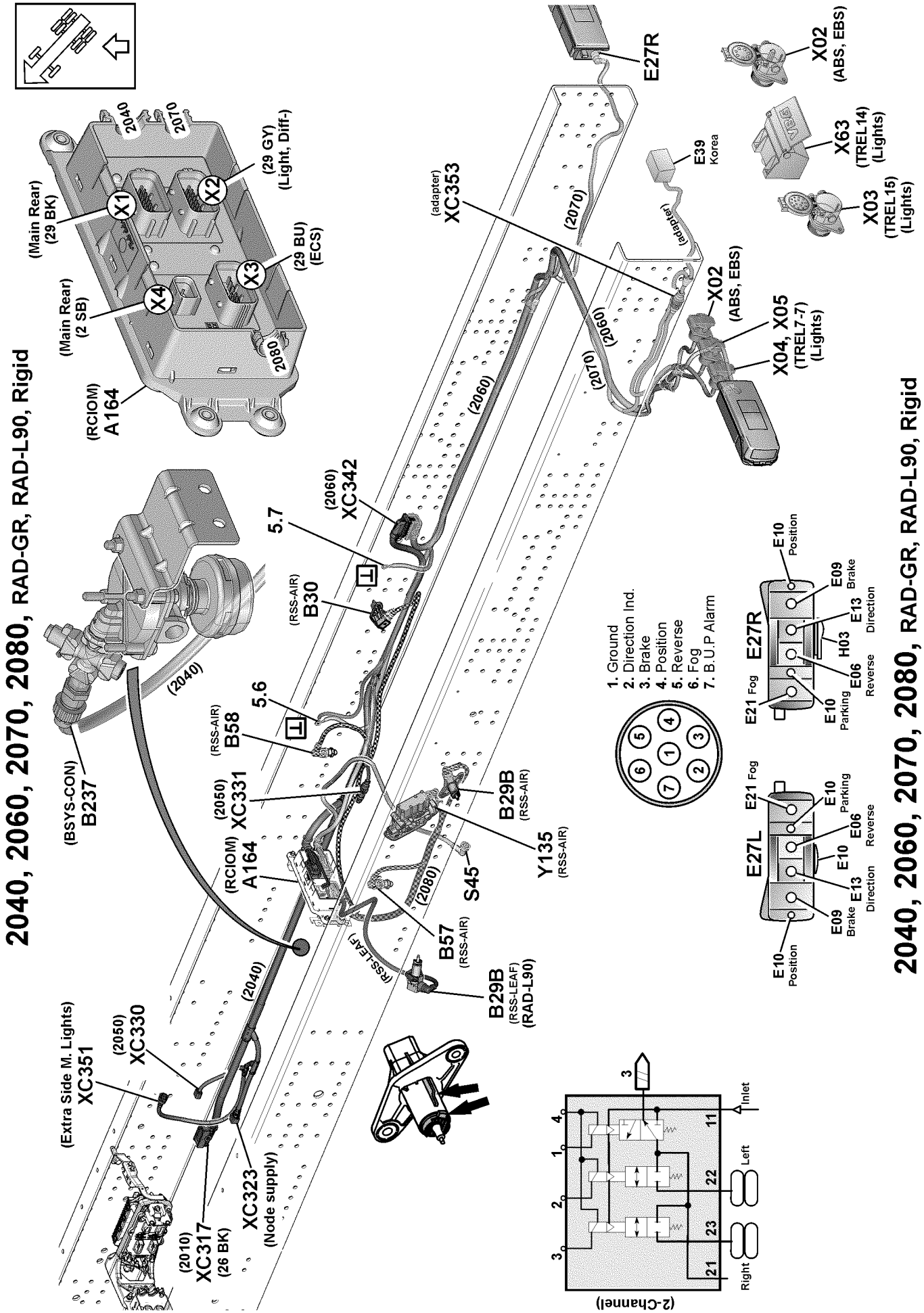

2030, EASP5, ADTP-BC, EM-EU6
(Green)
Black Hose
R57A
(Black)
Yellow Hose
R56A
(Black)
B142B(4BK)
B142B
(2030B)
XC319
B96A
(ALT. 2)
B96B
B115
(ALT. 3)
B96B
B97
(2010)
(Main front)
(21 BK)
XC312
B85
B96A
(2030A)
(2030A)
B98
(ALT. 1)
B96B
(5V)
A190
(24V)
M73
XC319
B96A
B115
B97
(2010, Main front)
(21 BK)
XC312
B96A
(2030A)
(2030B)
(2010, Main front)
(21 BK)
XC313
(ACM)
A174
B96B
B96B
(ALT. 1)
(24V)
M73
Coolant
IN
Urea
OUT
Urea
IN
(24V)
Y81C
Coolant
OUT
A190
(5V)
B262
(5V)
Air IN
Air OUT to
nozzel
B263
(5V)
Dosing Unit
(Green)
Black Hose
R57A
(Black)
Yellow Hose
R56A
(Black)
Tank Sensor
B142B
Tank
5/16
Black Hose
6
mm
Yellow Hose
3/8
(5V)
B262
Black Hose
(5V)
A190
(24V)
M73
Air pipe
B263
(5V)
5/16
M
3/8
6
mm
Air pipe
8
mm
Air pipe
Water pipe
Water pipe
Water pipe
Y81C
(24V)
2030, EASP5, ADTP-BC, EM-EU6
T3082374


2030, EASP5, ADTP-R, EM-EU6
(Black)
Yellow Hose
R56A
(Green)
Black Hose
R57A
(Black)
B142B(4BK)
XC316
XC313
(2030B)
(2010)
(Main front)
XC312(21 BK)
B85
(ALT. 2)
B96B
(ALT. 3)
B96B
B115
B96A
B97
(2030A)
B98
(ALT. 1)
B96B
(2010, Main front)
(21 BK)
XC312
B96A
(2030A)
(2010)
(Main front)
(21 BK)
XC313
(2030B)
XC316
(Black)
B142B
(4BK)
B96B
B96B
(ALT. 1)
A174
(ACM)
2030, EASP5, ADTP-R, EM-EU6
Dosing Unit
Tank
(Green)
Black Hose
R57A
(Black)
Yellow Hose
R56A
(Black)
Tank Sensor
B142B
Black Hose
Yellow Hose
5/16
6 mm
3/8
(5V)
B262
(5V)
A190
(24V)
M73
B263
(5V)
M
Air pipe
Water pipe
8 mm
Y81C
(24V)
(24V)
M73
(24V)
Y81C
Urea
OUT
Coolant
IN
Urea
IN
Coolant
OUT
A190
(5V)
B262
(5V)
Air IN
Air OUT to
nozzel
B263
(5V)
T3082375

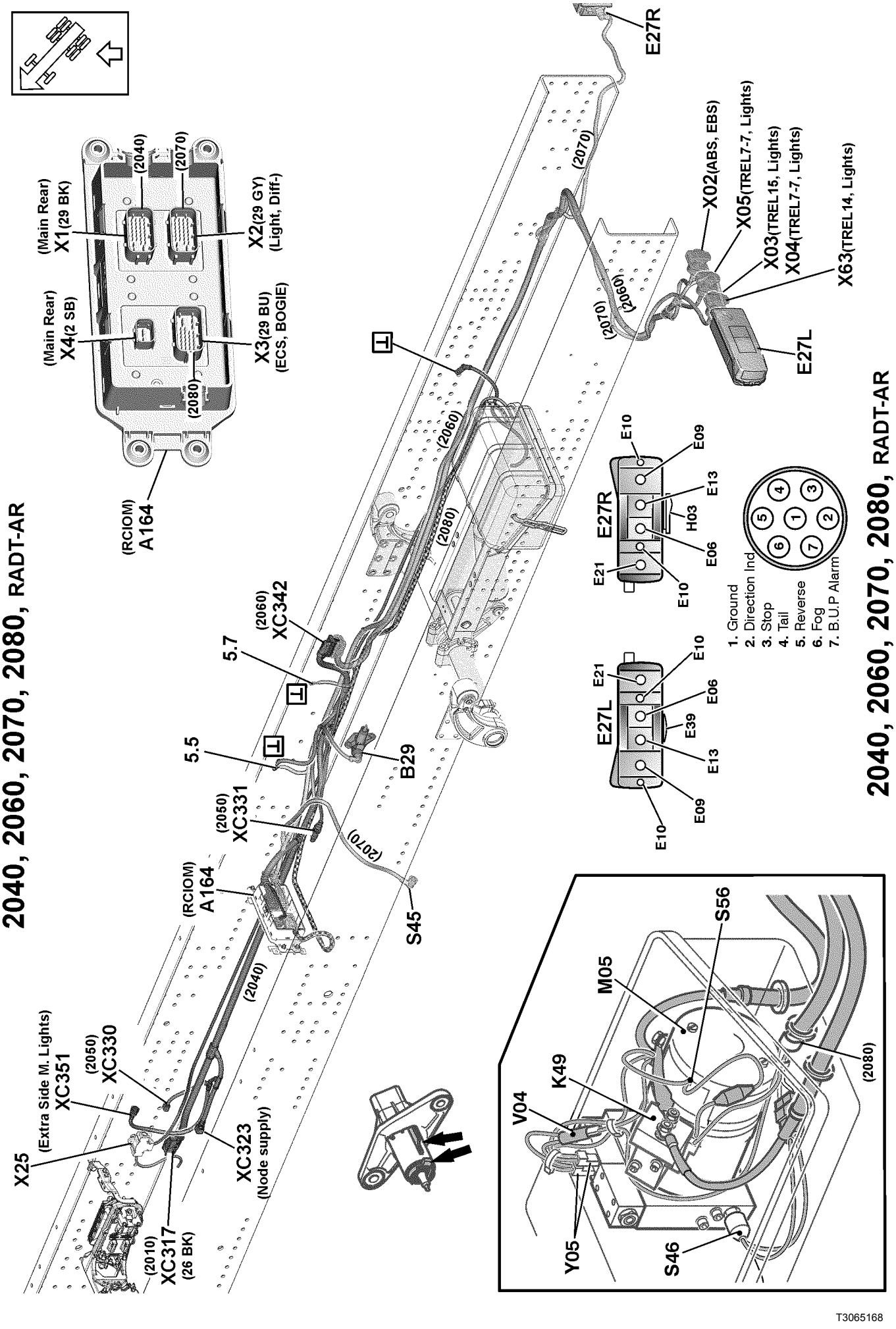

2030, EASP7, ADTP-L, EM-EU6
(To B96B)
B96B
B115
B85
B96A
B98
B97
(2010)
(Main front)
XC312(21 BK)
(2030A)
(24V)
M73
(24V)
Y81C
Urea OUT
Coolant IN
Urea IN
Coolant OUT
A190
(5V)
B262
(5V)
Air IN
Air OUT to nozzel
B263
(5V)
(2010, Main front)
(21 BK)
XC312
(2010)
(Main front)
(21 BK)
XC313
(ACM)
A174
(Black)
B142B
(4BK)
(2030B)
XC316
(Black)
Yellow Hose
R56A
(Green)
Black Hose
R57A
(Black)
B142B
(4BK)
Dosing Unit
Tank
(Green) Black Hose R57A
(Black) Yellow Hose R56A
(Black) Tank Sensor B142B
5/16
Black Hose
6 mm
Yellow Hose
3/8
(5V) B262
(5V) A190
(24V) M73
Air pipe
B263 (5V)
M
8 mm
Water pipe
Y81C (24V)

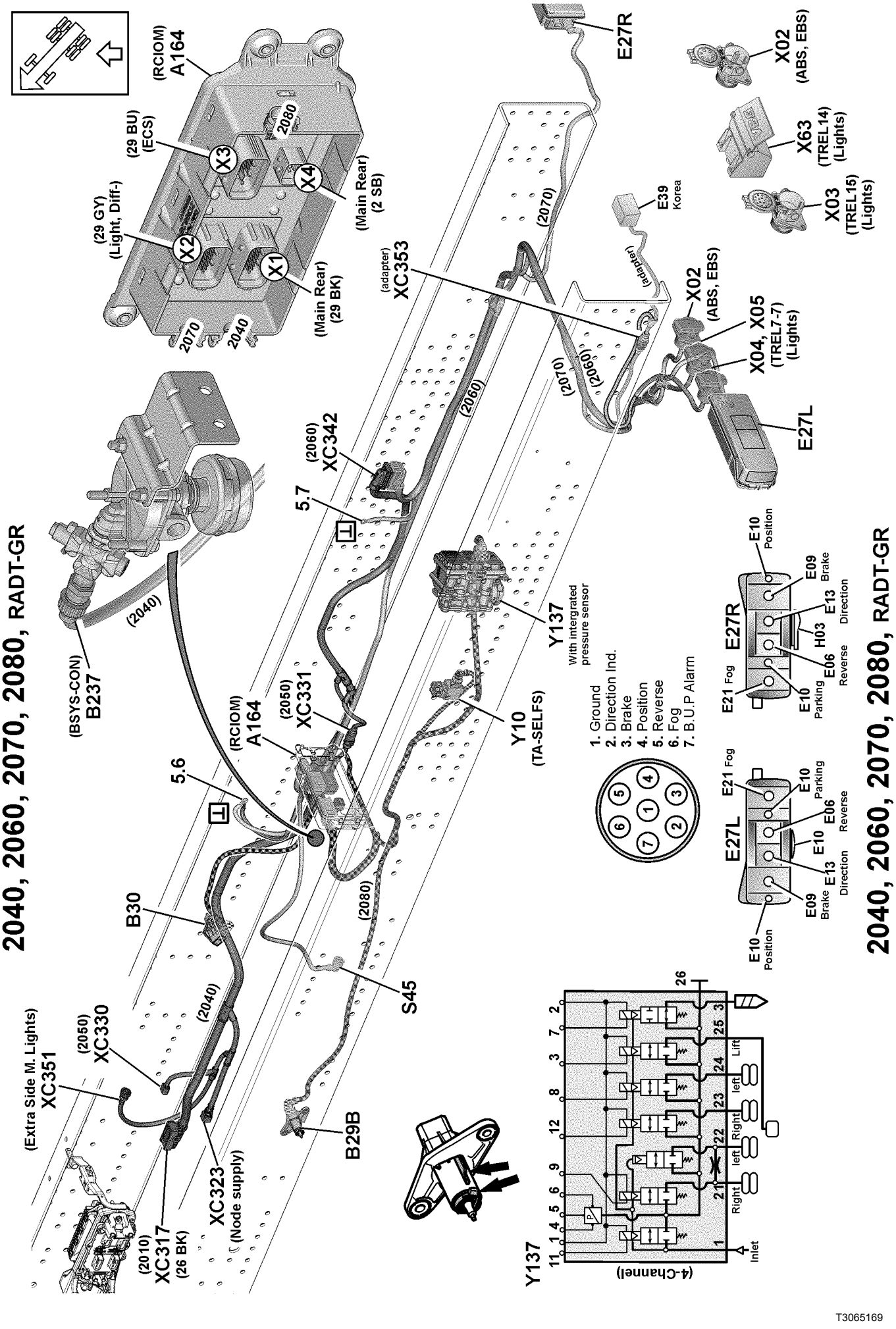
T3082376

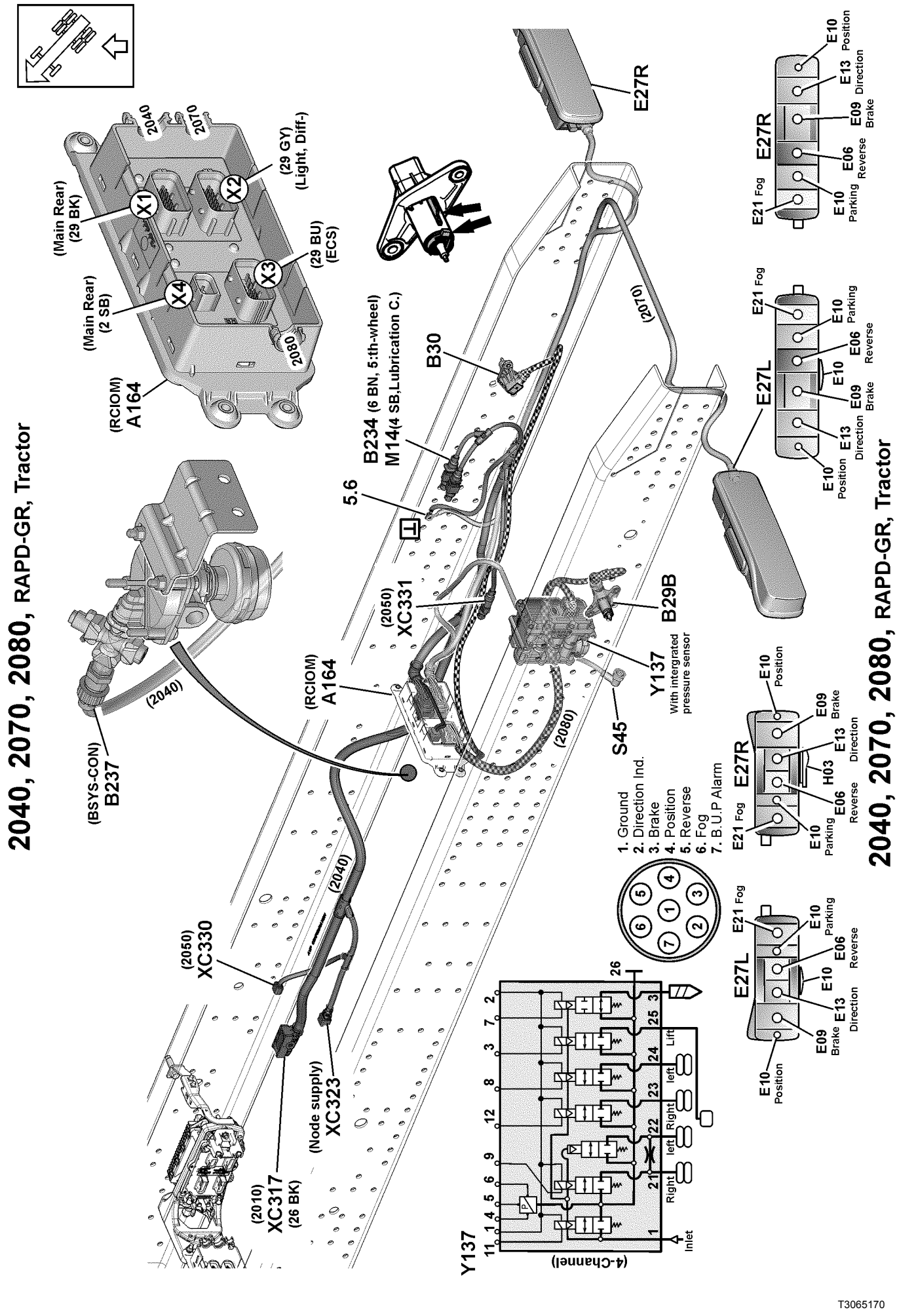

2040, 2070, 2080, RAD-GR, RAD-L90, Tractor
2040
2070
(Main Rear)
(29 BK)
X1
X2
(29 GY)
(Light, Diff-)
(Main Rear)
(2 SB)
X4
X3
(29 BU)
(ECS)
2080
(RCIOM)
A164
(RSS-AIR)
B30
(2070)
E27R
1. Ground
2. Direction Ind.
3. Brake
4. Position
5. Reverse
6. Fog
7. B.U.P Alarm
E21 Fog
E10 Parking
E06 Reverse
E09 Brake
E13 Direction
E10 Position
B234 (6 BN, 5:th-wheel)
M14(4 SB,Lubrication C.)
5.6
(RSS-AIR)
B58
(2050)
XC331
B29B
(CHH-LOW)
(RSS-AIR)
Y135
(RSS-AIR)
S45
E27L
(BSYS-CON)
B237
(2040)
(RCIOM)
A164
(2040)
(2080)
B57
(CHH-LOW)
(RSS-AIR)
(2050)
XC330
(RSS-LEAF)
B29B
(RSS-LEAF)
(RAD-L90)
(Node supply)
XC323
(2010)
XC317
(26 BK)
(1-Channel)
(2-Channel)
Inlet
Left
Right
2040, 2070, 2080, RAD-GR, RAD-L90, Tractor
T3080213

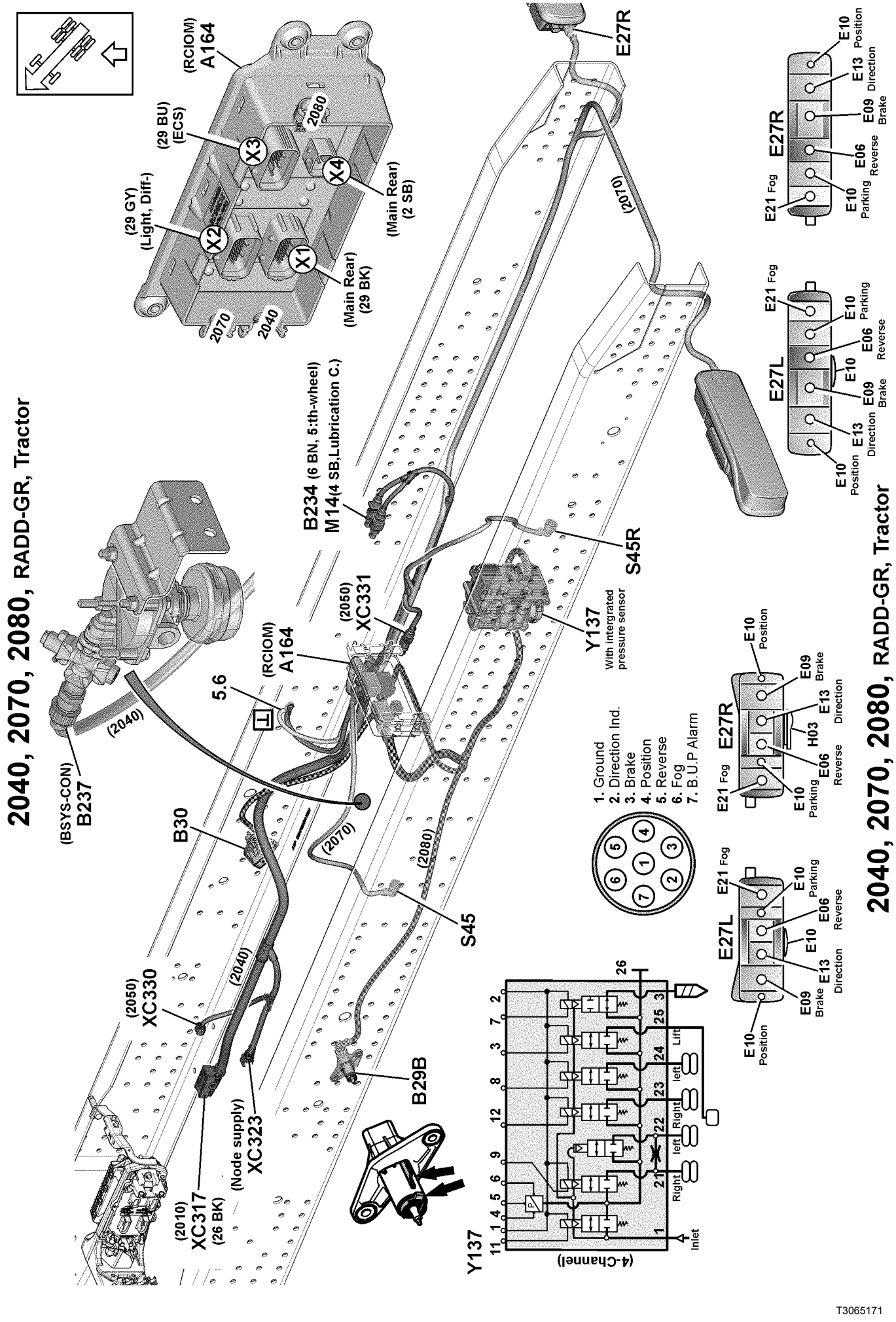

2040, 2060, 2070, 2080, RAD-GR, RAD-L90, Rigid
(Main Rear) (29 BK)
(Main Rear) (2 SB)
(RCIOM) A164
(29 GY) (Light, Diff-)
(29 BU) (ECS)
(BSYS-CON) B237
(Extra Side M. Lights) XC351
(2050) XC330
(2010) XC317 (26 BK)
XC323 (Node supply)
(2040)
(RCIOM) A164
(2050) XC331
(RSS-AIR) B58
(RSS-AIR) B30
(2060) XC342
5.7
5.6
B29B (RSS-AIR)
Y135 (RSS-AIR)
S45
B57 (RSS-AIR)
B29B (RSS-LEAF) (RAD-L90)
(RSS-LEAF)
(2080)
(2060)
(2070)
(adapter) XC353
E27R
E39 Korea
(adapter)
X02 (ABS, EBS)
X04, X05 (TREL7-7) (Lights)
X63 (TREL14) (Lights)
X03 (TREL15) (Lights)
1. Ground
2. Direction Ind.
3. Brake
4. Position
5. Reverse
6. Fog
7. B.U.P Alarm
E27L
E27R
E21 Fog
E10 Parking
E06 Reverse
E13 Direction
E09 Brake
E10 Position
H03
(2-Channel)
Inlet
Left
Right
2040, 2060, 2070, 2080, RAD-GR, RAD-L90, Rigid

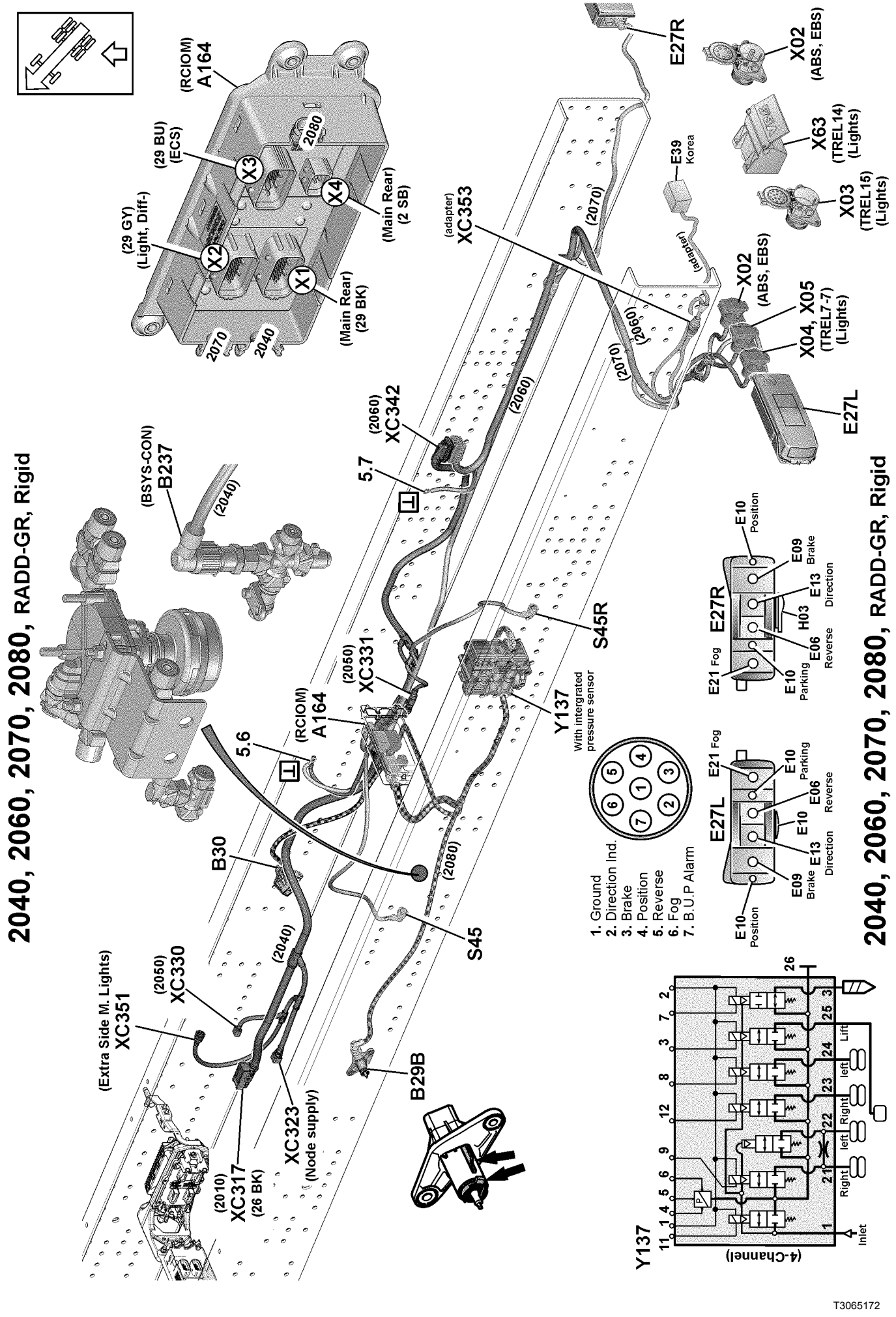
T3080995

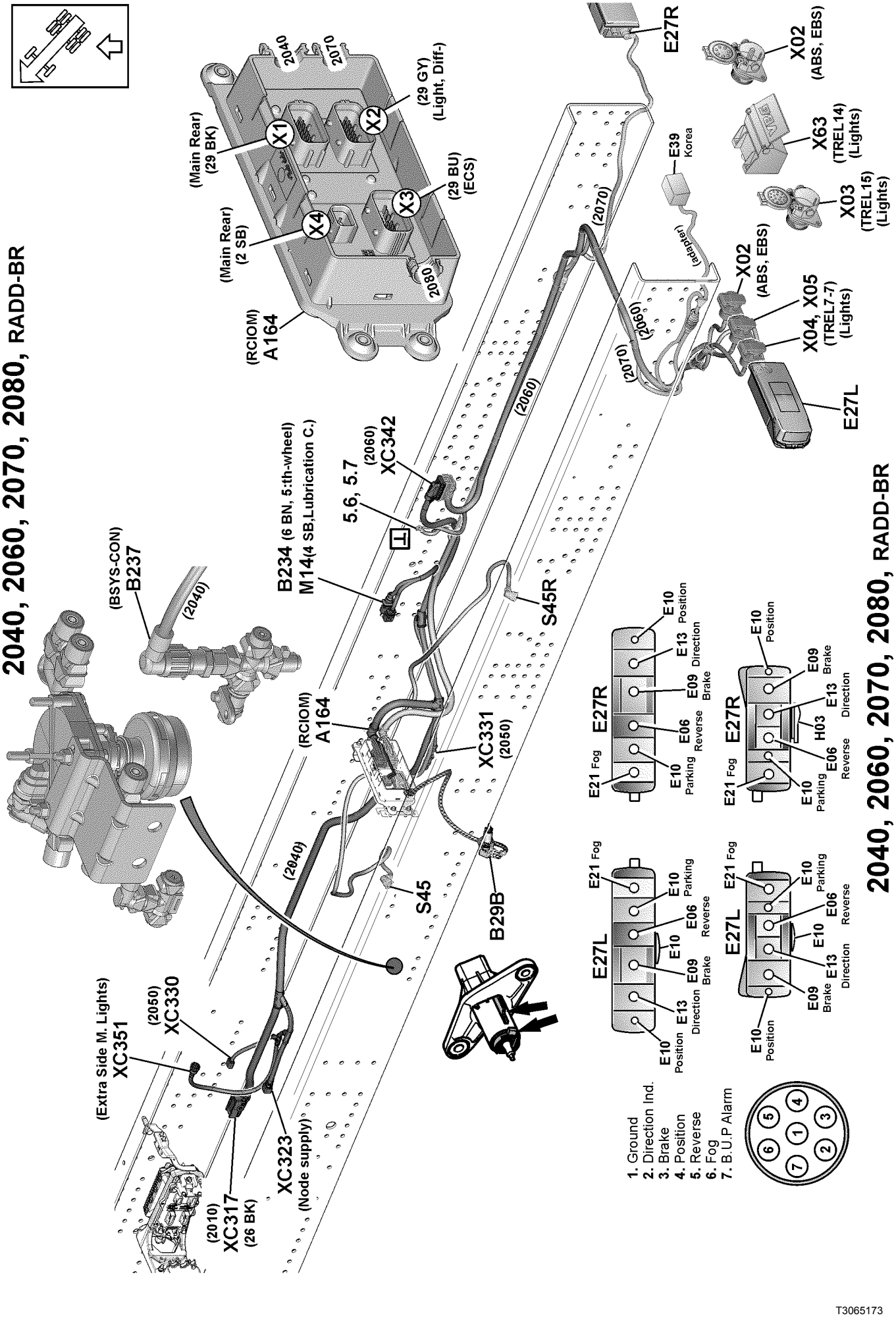

2040, 2060, 2070, 2080, RADT-AR
(Main Rear) X1 (29 BK)
(Main Rear) X4 (2 SB)
X2 (29 GY) (Light, Diff-)
X3 (29 BU) (ECS, BOGIE)
(2040)
(2070)
(2080)
(RCIOM) A164
E27R
X02 (ABS, EBS)
X05 (TREL7-7, Lights)
X03 (TREL15, Lights)
X04 (TREL7-7, Lights)
X63 (TREL14, Lights)
E27L
(2060)
(2070)
E10
E09
E13
H03
E06
E21
1. Ground
2. Direction Ind
3. Stop
4. Tail
5. Reverse
6. Fog
7. B.U.P Alarm
5.7
5.5
XC342
XC331
B29
S45
(2050)
(2060)
(2070)
(2080)
(2040)
XC351
(Extra Side M. Lights)
XC330
X25
XC323
(Node supply)
XC317
(26 BK)
(2010)
M05
S56
K49
V04
Y05
S46
T3065168

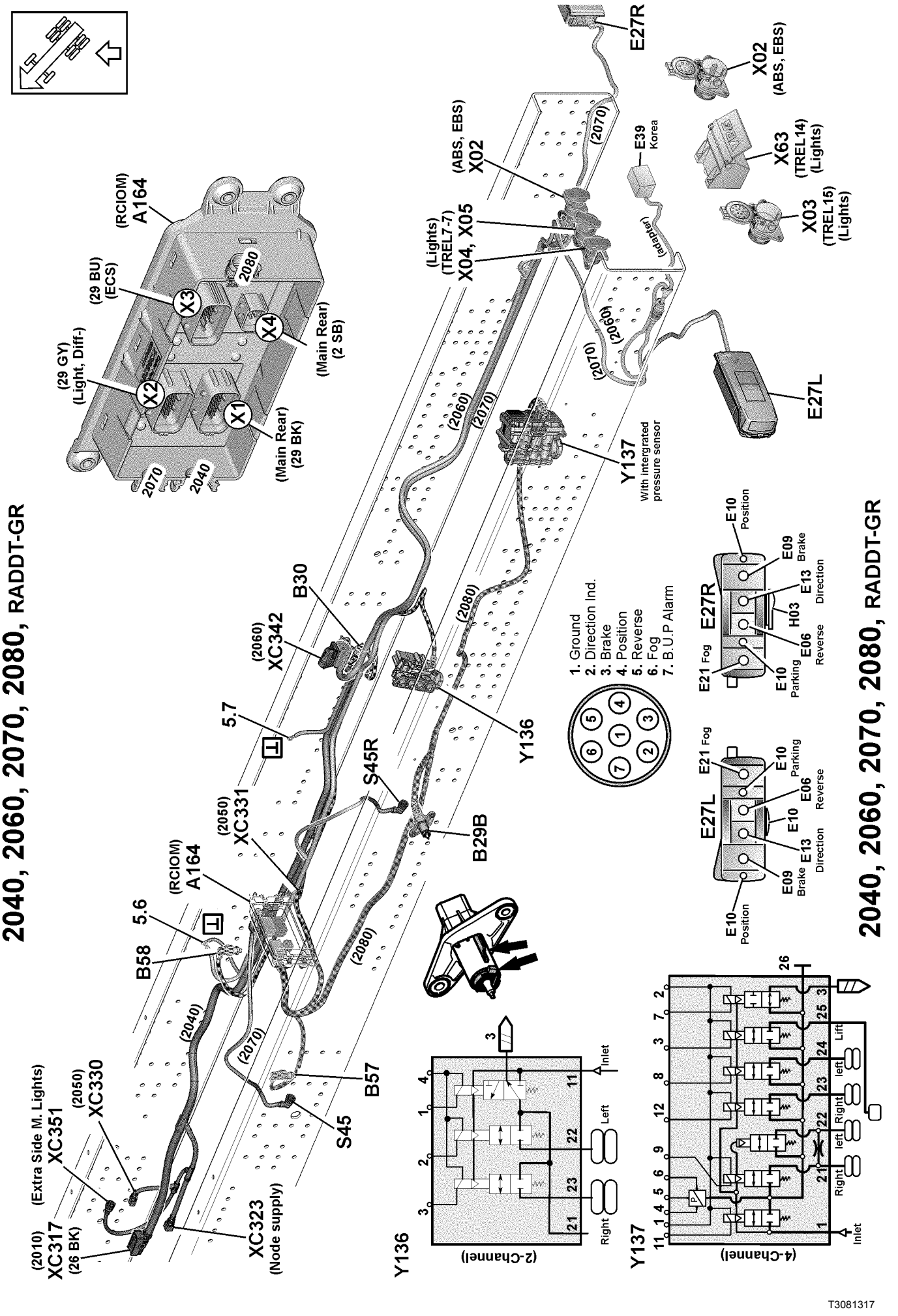

2040, 2060, 2070, 2080, RADT-GR
(RCIOM) A164
(29 BU) (ECS)
(29 GY) (Light, Diff-)
(Main Rear) (29 BK)
(Main Rear) (2 SB)
X1
X2
X3
X4
2080
2070
2040
E27R
E39 Korea
(adapter)
XC353
(2070)
(2060)
X02 (ABS, EBS)
X04, X05 (TREL7-7) (Lights)
E27L
X63 (TREL14) (Lights)
X03 (TREL15) (Lights)
(BSYS-CON) B237
(2040)
(2060) XC342
5.7
(RCIOM) A164
(2050) XC331
5.6
B30
(2080)
S45
B29B
Y10 (TA-SELFS)
Y137 With intergrated pressure sensor
1. Ground
2. Direction Ind.
3. Brake
4. Position
5. Reverse
6. Fog
7. B.U.P Alarm
E21 Fog
E10 Parking
E06 Reverse
E13 Direction
E09 Brake
E10 Position
H03
(Extra Side M. Lights) XC351
(2050) XC330
(2040)
XC323 (Node supply)
(2010) XC317 (26 BK)
Y137
(4-Channel)
Inlet
Right
left
Lift
T3065169

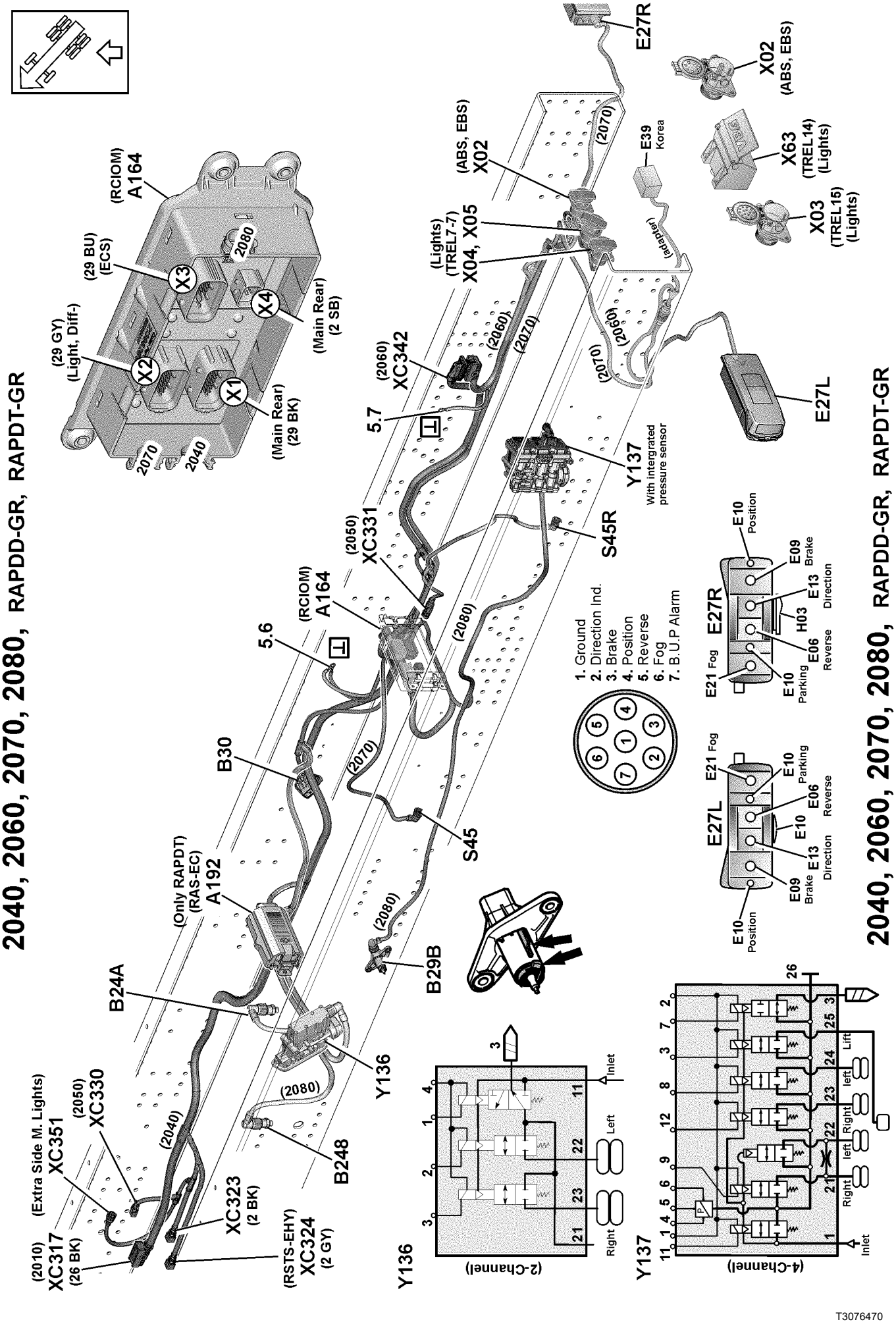

2040, 2070, 2080, RAPD-GR, Tractor
(Main Rear) (29 BK)
(Main Rear) (2 SB)
(29 GY) (Light, Diff-)
(29 BU) (ECS)
(RCIOM) A164
X1
X2
X3
X4
2040
2070
2080
(BSYS-CON) B237
(2040)
(2050) XC330
(2010) XC317 (26 BK)
(Node supply) XC323
(RCIOM) A164
(2050) XC331
B234 (6 BN, 5:th-wheel) M14(4 SB,Lubrication C.)
5.6
B30
(2070)
E27R
E27L
B29B
Y137 With intergrated pressure sensor
S45
(2080)
1. Ground
2. Direction Ind.
3. Brake
4. Position
5. Reverse
6. Fog
7. B.U.P Alarm
E21 Fog
E10 Parking
E06 Reverse
E09 Brake
E13 Direction
E10 Position
H03
Y137
(4-Channel)
Inlet
Lift
Right
left
T3065170


2040, 2070, 2080, RADD-GR, Tractor
(RCIOM) A164
(29 BU) (ECS)
(29 GY) (Light, Diff-)
X1
X2
X3
X4
(Main Rear) (29 BK)
(Main Rear) (2 SB)
2070
2040
2080
E27R
(2070)
B234 (6 BN, 5:th-wheel) M14(4 SB,Lubrication C.)
S45R
Y137 With intergrated pressure sensor
(2050) XC331
(RCIOM) A164
5.6
(2040)
(BSYS-CON) B237
B30
(2070)
(2080)
S45
B29B
(2050) XC330
(2040)
(Node supply) XC323
(2010) XC317 (26 BK)
1. Ground
2. Direction Ind.
3. Brake
4. Position
5. Reverse
6. Fog
7. B.U.P Alarm
E27L
E27R
E21 Fog
E10 Parking
E06 Reverse
E09 Brake
E13 Direction
E10 Position
H03
Y137
(4-Channel)
Inlet
Right
left
Lift
T3065171

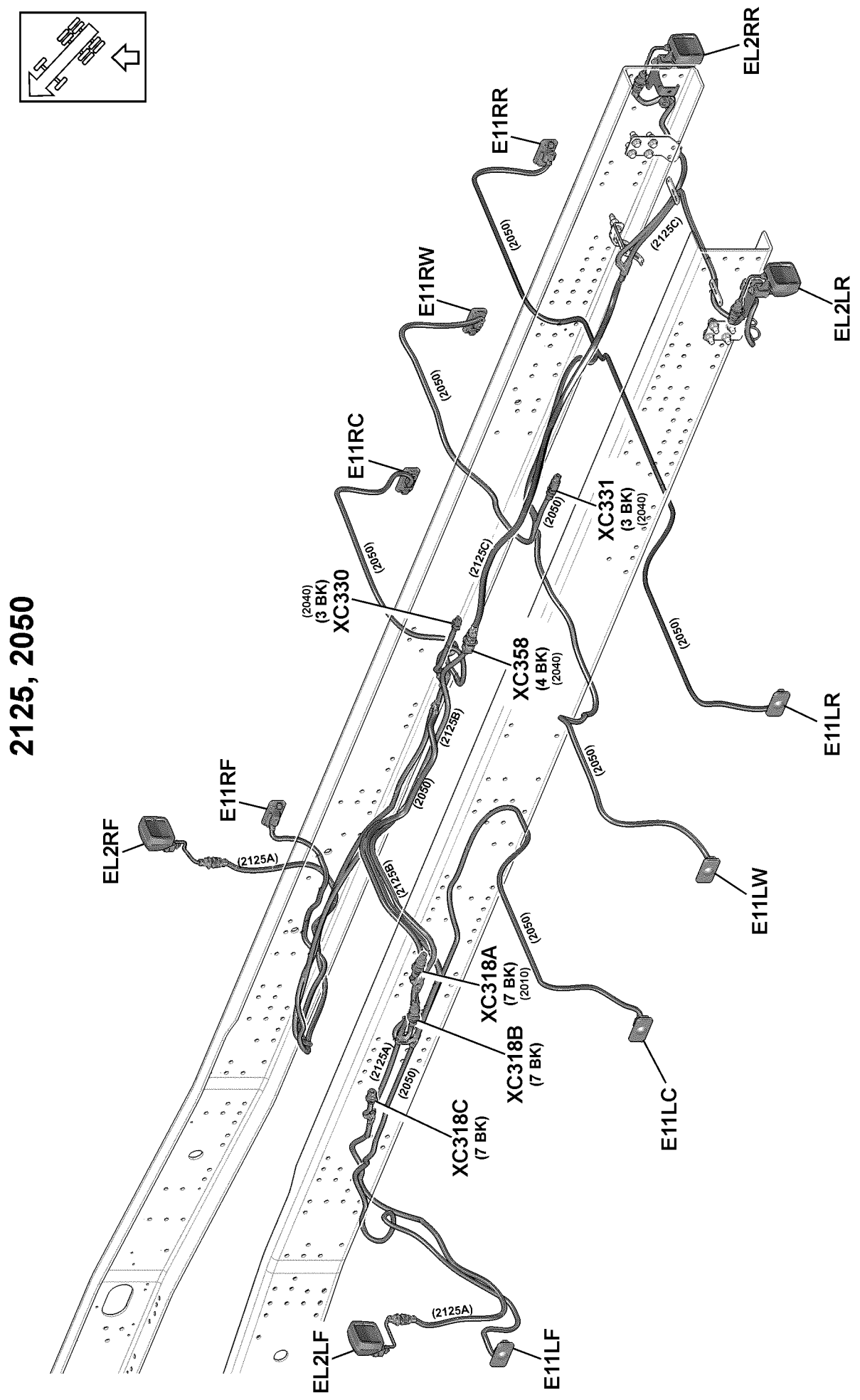

2040, 2060, 2070, 2080, RADD-GR, Rigid
(RCIOM) A164
(29 BU) (ECS)
(29 GY) (Light, Diff-)
(Main Rear) (2 SB)
(Main Rear) (29 BK)
X1
X2
X3
X4
2080
2070
2040
(BSYS-CON) B237
(2040)
(Extra Side M. Lights) XC351
(2050) XC330
(2010) XC317 (26 BK)
XC323 (Node supply)
B29B
B30
5.6
5.7
(RCIOM) A164
(2050) XC331
(2060) XC342
(adapter) XC353
(2060)
(2070)
S45
(2080)
S45R
Y137 With intergrated pressure sensor
E27R
E27L
E39 Korea
(adapter)
X02 (ABS, EBS)
X04, X05 (TREL7-7) (Lights)
X63 (TREL14) (Lights)
X03 (TREL15) (Lights)
1. Ground
2. Direction Ind.
3. Brake
4. Position
5. Reverse
6. Fog
7. B.U.P Alarm
E10 Position
E09 Brake
E13 Direction
H03
E06 Reverse
E21 Fog
E10 Parking
Y137
(4-Channel)
Inlet
Right
left
Lift
T3065172


2040, 2060, 2070, 2080, RADD-BR
(Main Rear) (29 BK)
X1
2040
2070
X2
(29 GY) (Light, Diff-)
(Main Rear) (2 SB)
X4
X3
(29 BU) (ECS)
2080
(RCIOM) A164
E27R
X02 (ABS, EBS)
X63 (TREL14) (Lights)
X03 (TREL15) (Lights)
E39 Korea
(adapter)
X02 (ABS, EBS)
X04, X05 (TREL7-7) (Lights)
E27L
(2070)
(2060)
(BSYS-CON) B237
(2040)
B234 (6 BN, 5:th-wheel) M14(4 SB,Lubrication C.)
5.6, 5.7
(2060) XC342
S45R
(RCIOM) A164
XC331 (2050)
S45
B29B
(Extra Side M. Lights) XC351
(2050) XC330
XC323 (Node supply)
(2010) XC317 (26 BK)
E21 Fog
E10 Position
E10 Parking
E13 Direction
E09 Brake
E06 Reverse
H03
1. Ground
2. Direction Ind.
3. Brake
4. Position
5. Reverse
6. Fog
7. B.U.P Alarm
T3065173

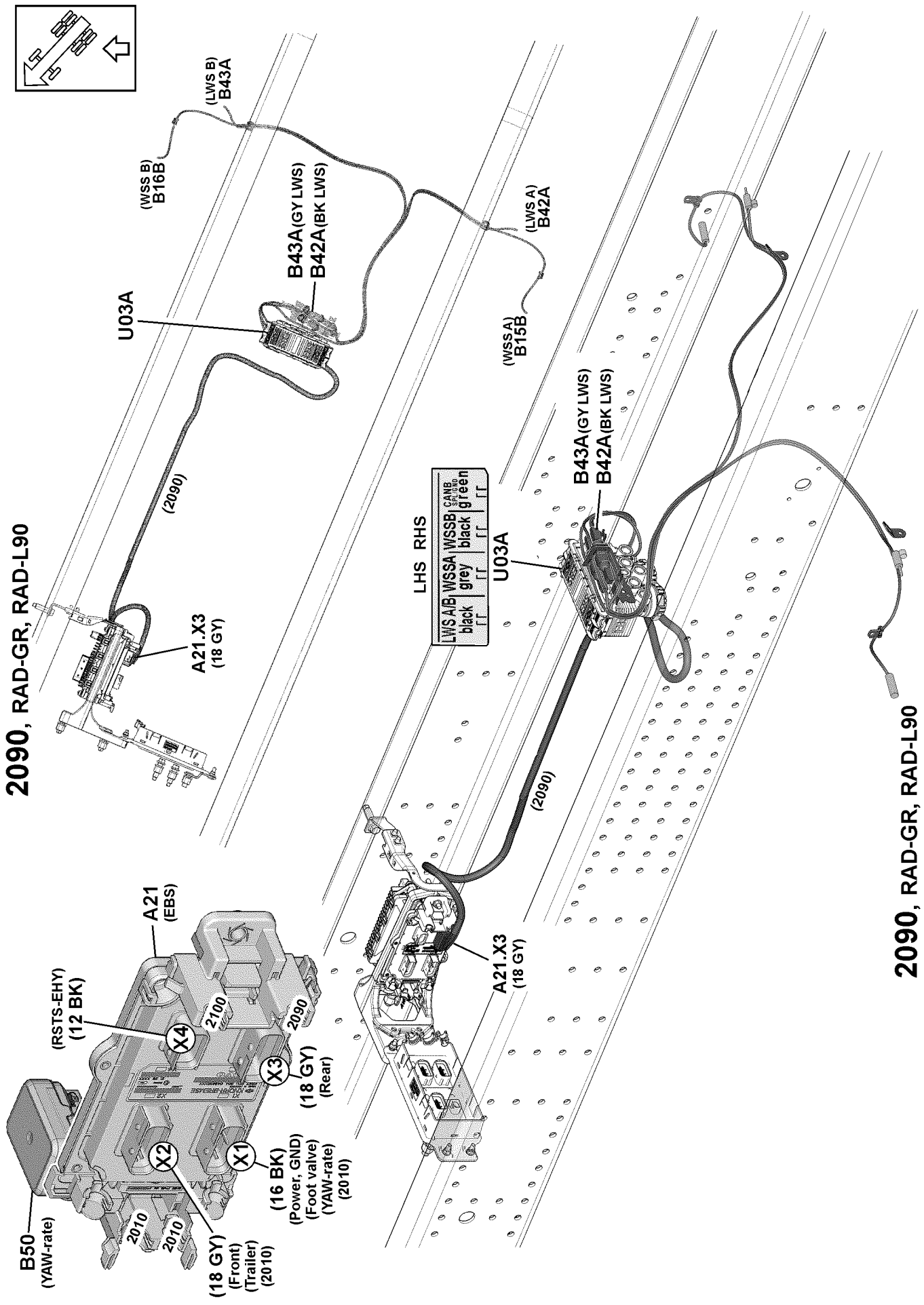

2040, 2060, 2070, 2080, RADDT-GR
(RCIOM) A164
(29 BU) (ECS)
(29 GY) (Light, Diff-)
(Main Rear) (29 BK)
(Main Rear) (2 SB)
X1
X2
X3
X4
2070
2040
2080
(ABS, EBS) X02
(Lights) (TREL7-7) X04, X05
E27R
E39 Korea
(adapter)
X02 (ABS, EBS)
X63 (TREL14) (Lights)
X03 (TREL15) (Lights)
E27L
Y137 With intergrated pressure sensor
(2060) XC342
B30
5.7
(2050) XC331
S45R
B29B
Y136
(RCIOM) A164
5.6
B58
(2040)
(2070)
(2080)
B57
S45
(2010) XC317 (26 BK)
(Extra Side M. Lights) XC351
(2050) XC330
XC323 (Node supply)
1. Ground
2. Direction Ind.
3. Brake
4. Position
5. Reverse
6. Fog
7. B.U.P Alarm
E21 Fog
E10 Parking
E06 Reverse
H03
E13 Direction
E09 Brake
E10 Position
(2-Channel)
(4-Channel)
Inlet
Left
Right
Lift
T3081317


2040, 2060, 2070, 2080, RAPDD-GR, RAPDT-GR
(RCIOM) A164
(29 BU) (ECS)
(29 GY) (Light, Diff-)
(Main Rear) (29 BK)
(Main Rear) (2 SB)
(ABS, EBS) X02
(Lights) (TREL7-7) X04, X05
E39 Korea
(adapter)
E27R
X02 (ABS, EBS)
X63 (TREL14) (Lights)
X03 (TREL15) (Lights)
E27L
Y137 With intergrated pressure sensor
S45R
S45
B29B
B30
B24A
B248
Y136
(Only RAPDT) (RAS-EC) A192
(RSTS-EHY) XC324 (2 GY)
XC323 (2 BK)
(Extra Side M. Lights) XC351
(2010) XC317 (26 BK)
(2050) XC330
(2060) XC342
(2050) XC331
5.6
5.7
1. Ground
2. Direction Ind.
3. Brake
4. Position
5. Reverse
6. Fog
7. B.U.P Alarm
E10 Position
E09 Brake
E13 Direction
E10 Parking
E06 Reverse
E21 Fog
H03
(2-Channel)
(4-Channel)
Inlet
Left
Right
Lift
T3076470

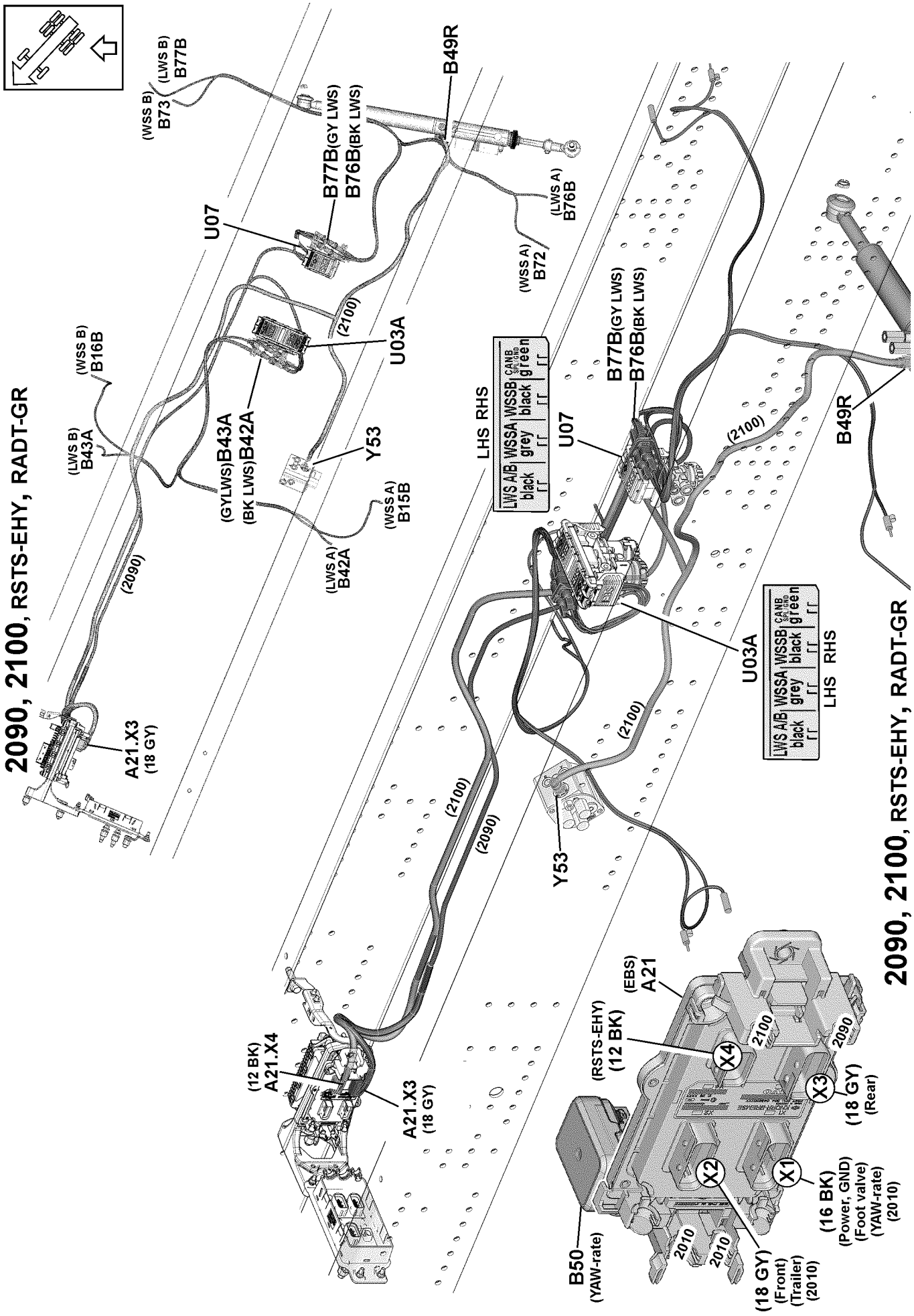
https://truckmanualshub.com/



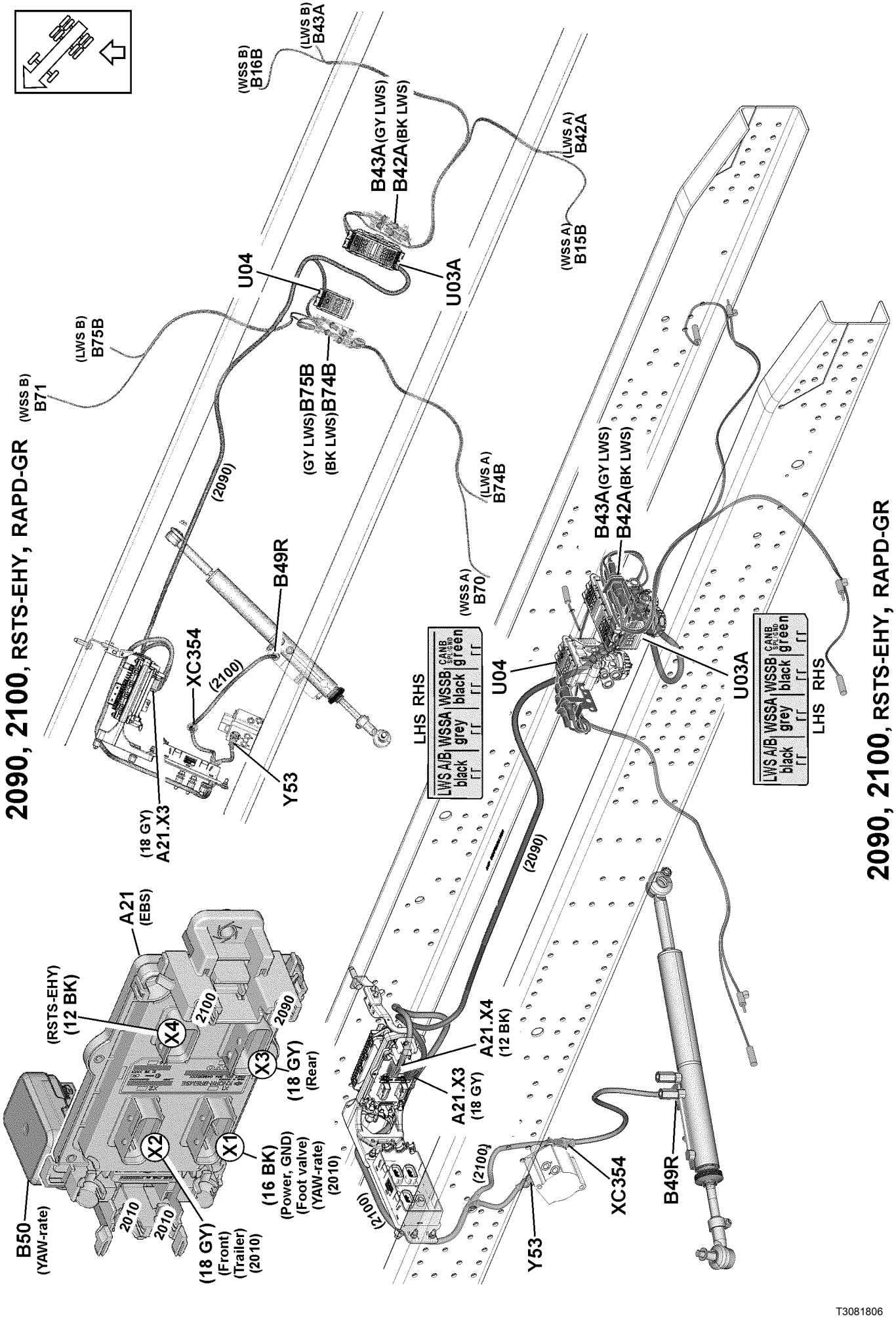

T3065175

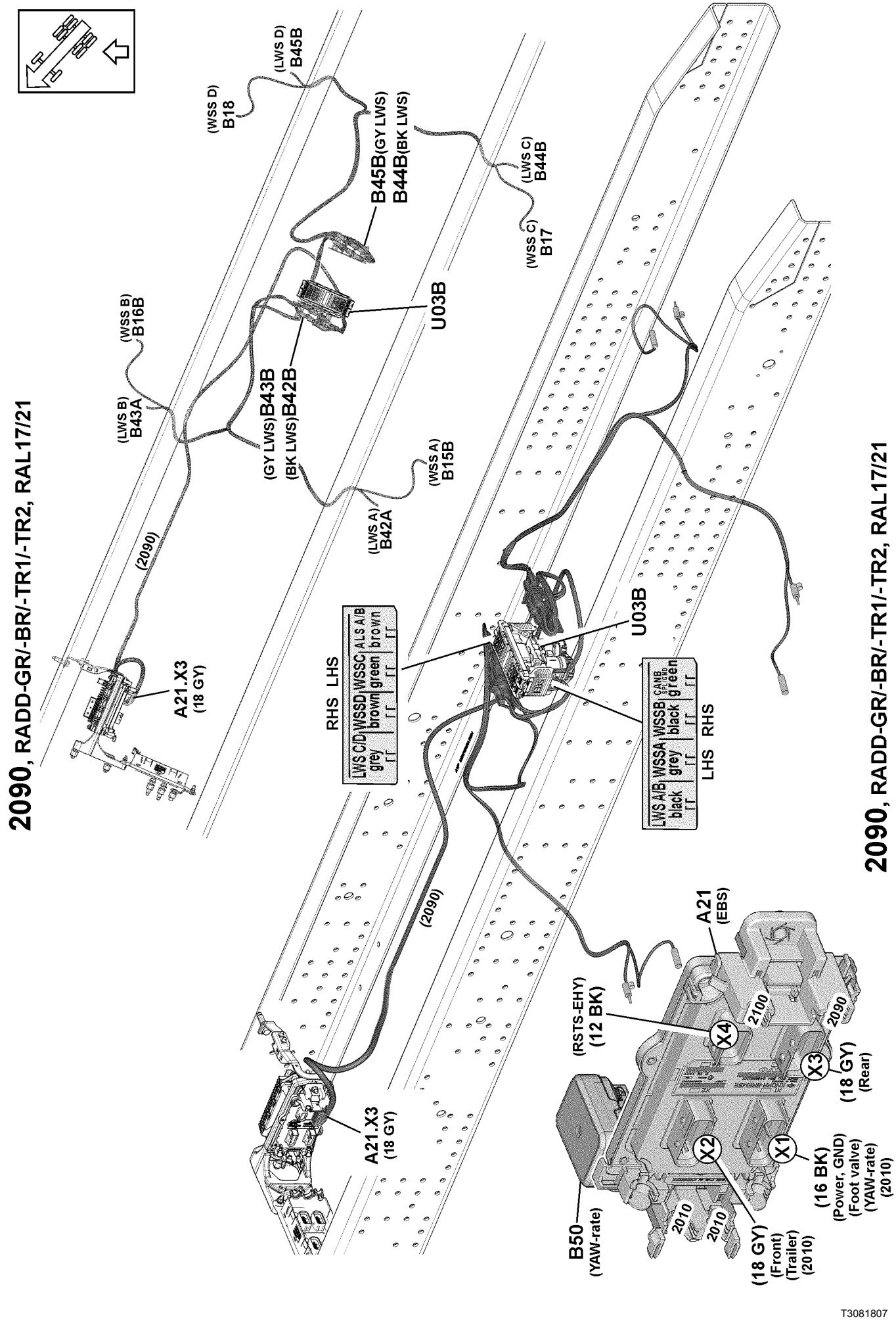

2090, RAD-GR, RAD-L90
(WSS B)
B16B
(LWS B)
B43A
B43A(GY LWS)
B42A(BK LWS)
U03A
(2090)
A21.X3
(18 GY)
(WSS A)
B15B
(LWS A)
B42A
LHS RHS
LWS A/B
black
WSSA
grey
WSSB
black
CANB
green
A21
(EBS)
(RSTS-EHY)
(12 BK)
X4
2100
2090
X3
(18 GY)
(Rear)
X2
X1
(16 BK)
(Power, GND)
(Foot valve)
(YAW-rate)
(2010)
B50
(YAW-rate)
2010
2010
(18 GY)
(Front)
(Trailer)
(2010)
2090, RAD-GR, RAD-L90

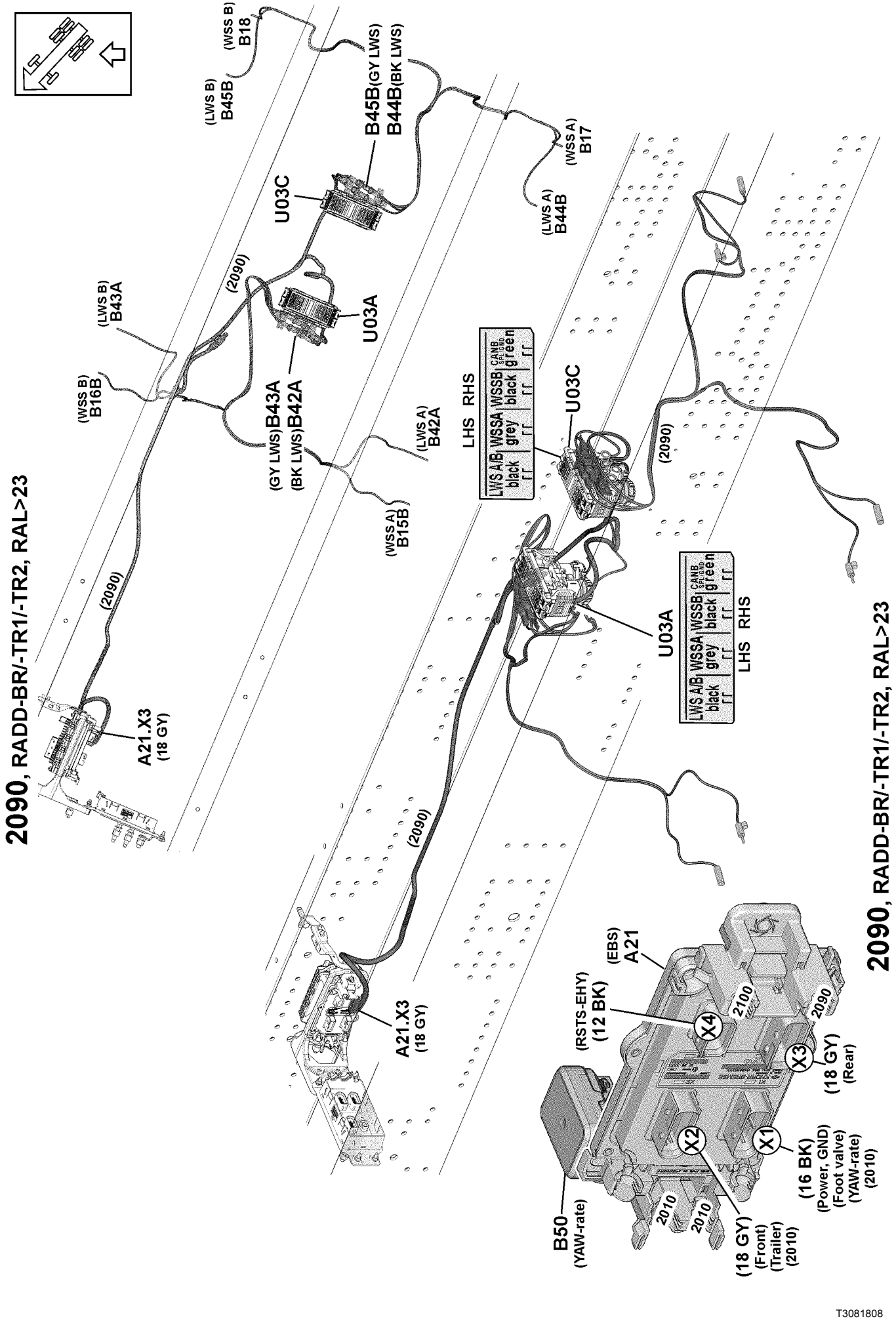
T3081804

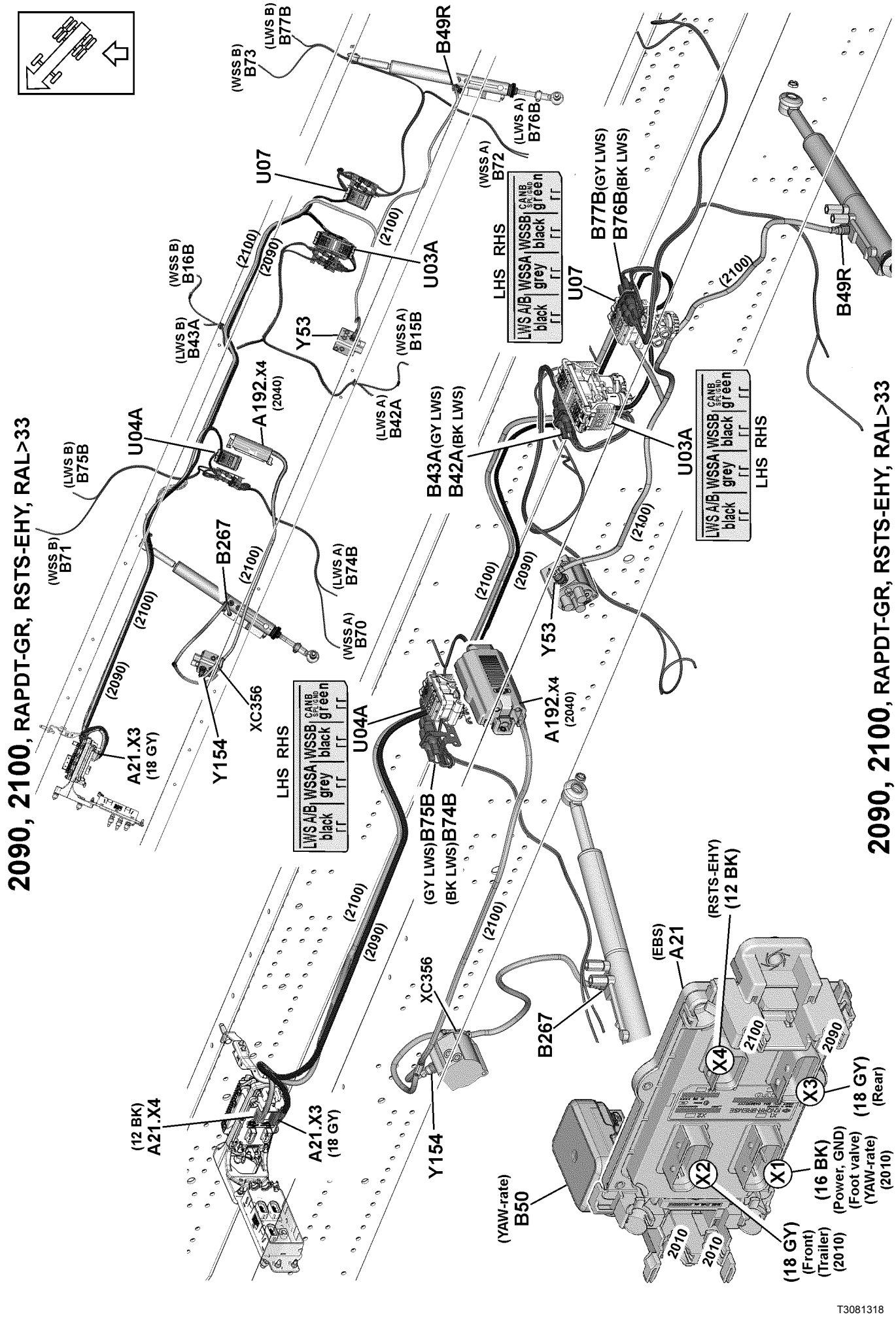

2090, 2100, RSTS-EHY, RADT-GR
(WSS B) B73
(LWS B) B77B
B77B(GY LWS)
B76B(BK LWS)
B49R
U07
(LWS A) B76B
(WSS A) B72
(WSS B) B16B
(LWS B) B43A
(GYLWS)B43A
(BK LWS)B42A
U03A
(2100)
Y53
(WSS A) B15B
(LWS A) B42A
A21.X3 (18 GY)
(2090)
LHS RHS
LWS A/B black
WSSA grey
WSSB black
CANB SPL GND green
(12 BK) A21.X4
A21.X3 (18 GY)
(EBS) A21
(RSTS-EHY) (12 BK)
X4
X3
X2
X1
2100
2090
2010
(18 GY) (Rear)
(16 BK) (Power, GND) (Foot valve) (YAW-rate) (2010)
(18 GY) (Front) (Trailer) (2010)
B50 (YAW-rate)

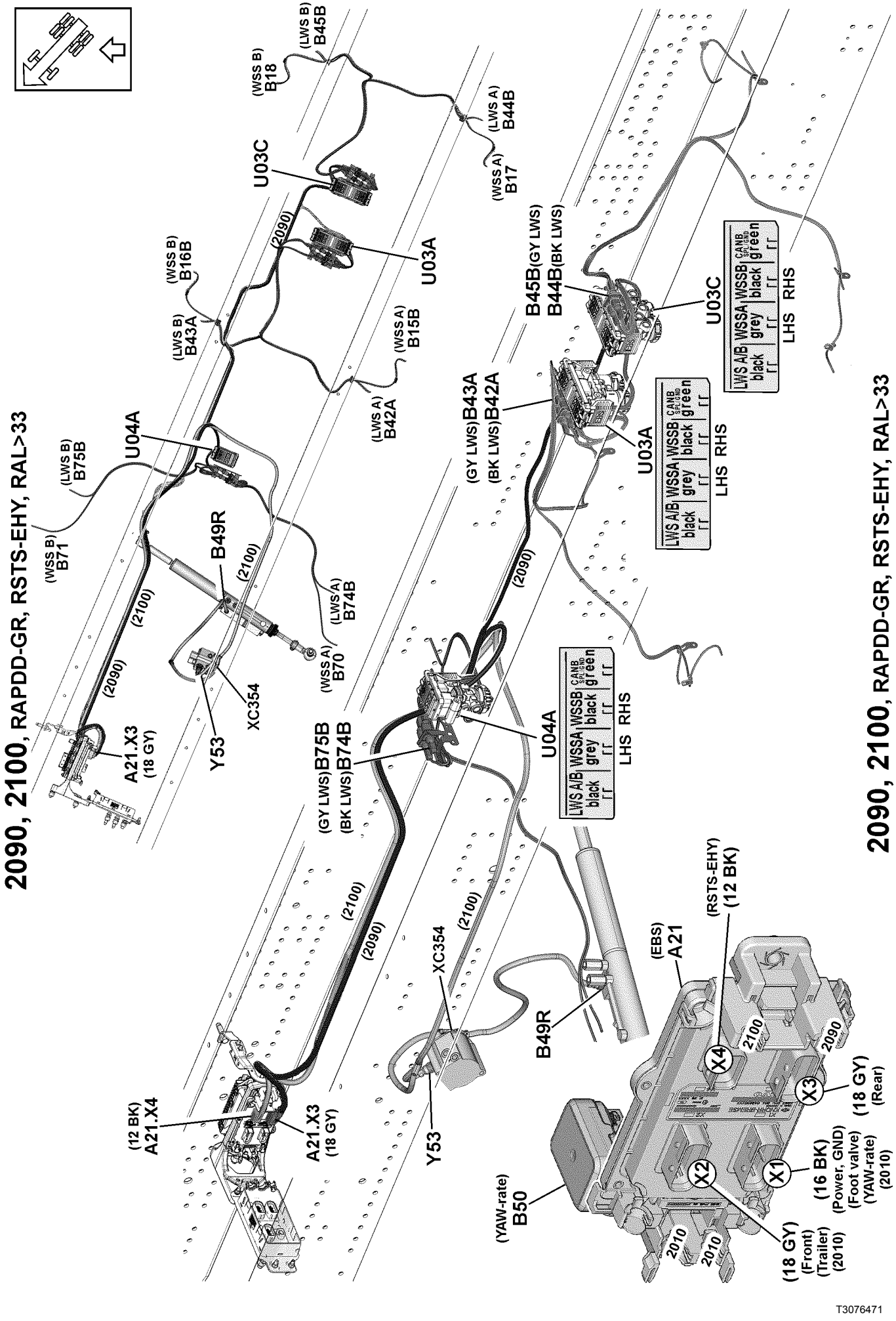
T3081805

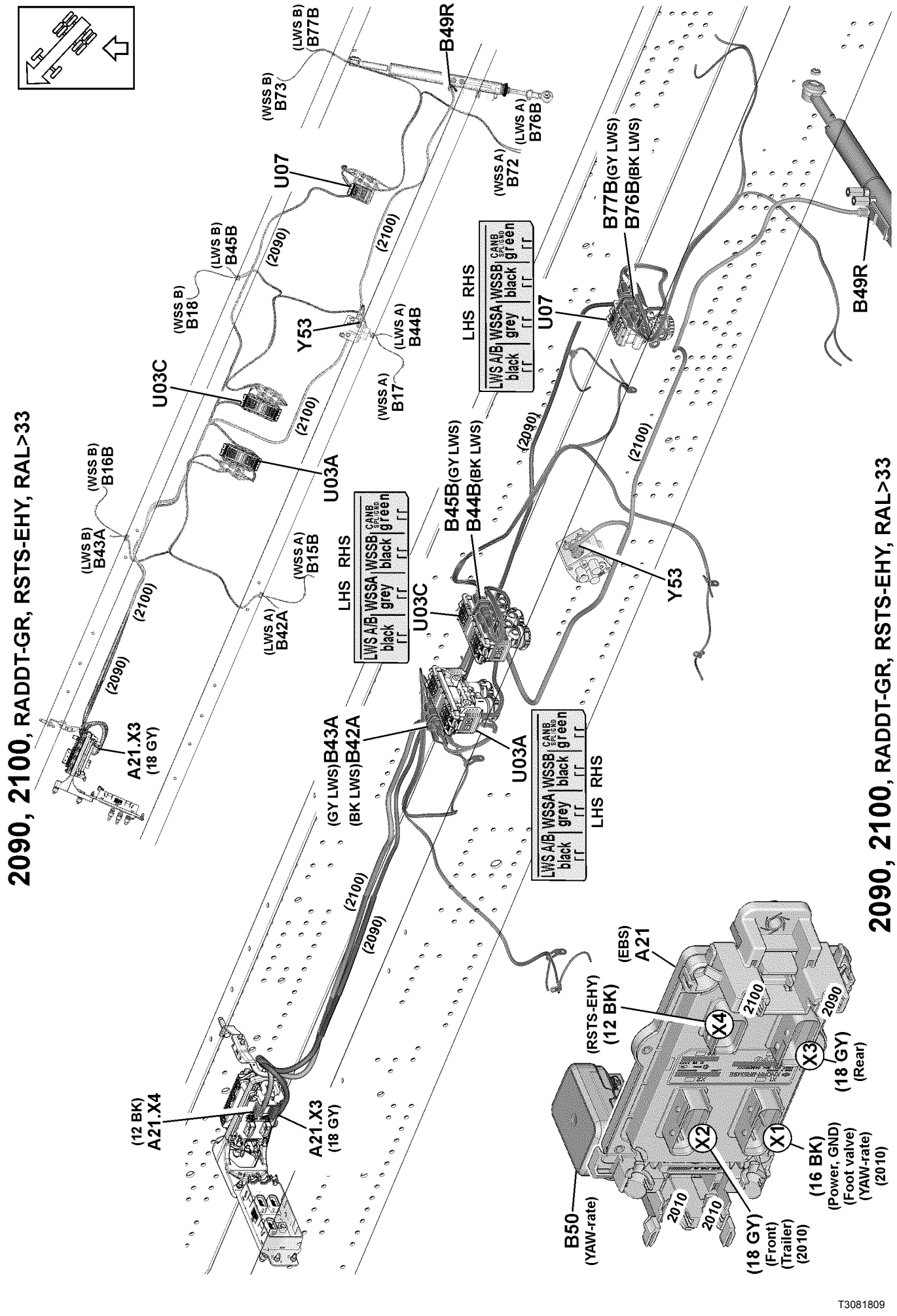

2090, 2100, RSTS-EHY, RAPD-GR
(WSS B) B71
(LWS B) B75B
(WSS B) B16B
(LWS B) B43A
B43A (GY LWS)
B42A (BK LWS)
(LWS A) B42A
(WSS A) B15B
U04
U03A
(GY LWS) B75B
(BK LWS) B74B
(LWS A) B74B
(WSS A) B70
(2090)
B49R
XC354
(2100)
Y53
(18 GY) A21.X3
LHS RHS
LWS A/B black
WSSA grey
WSSB black
CANB SPLICED green
A21 (EBS)
(RSTS-EHY) (12 BK)
X4
X3
X2
X1
2100
2090
2010
(18 GY) (Rear)
(16 BK) (Power, GND) (Foot valve) (YAW-rate) (2010)
(18 GY) (Front) (Trailer) (2010)
B50 (YAW-rate)
A21.X4 (12 BK)
A21.X3 (18 GY)
T3081806

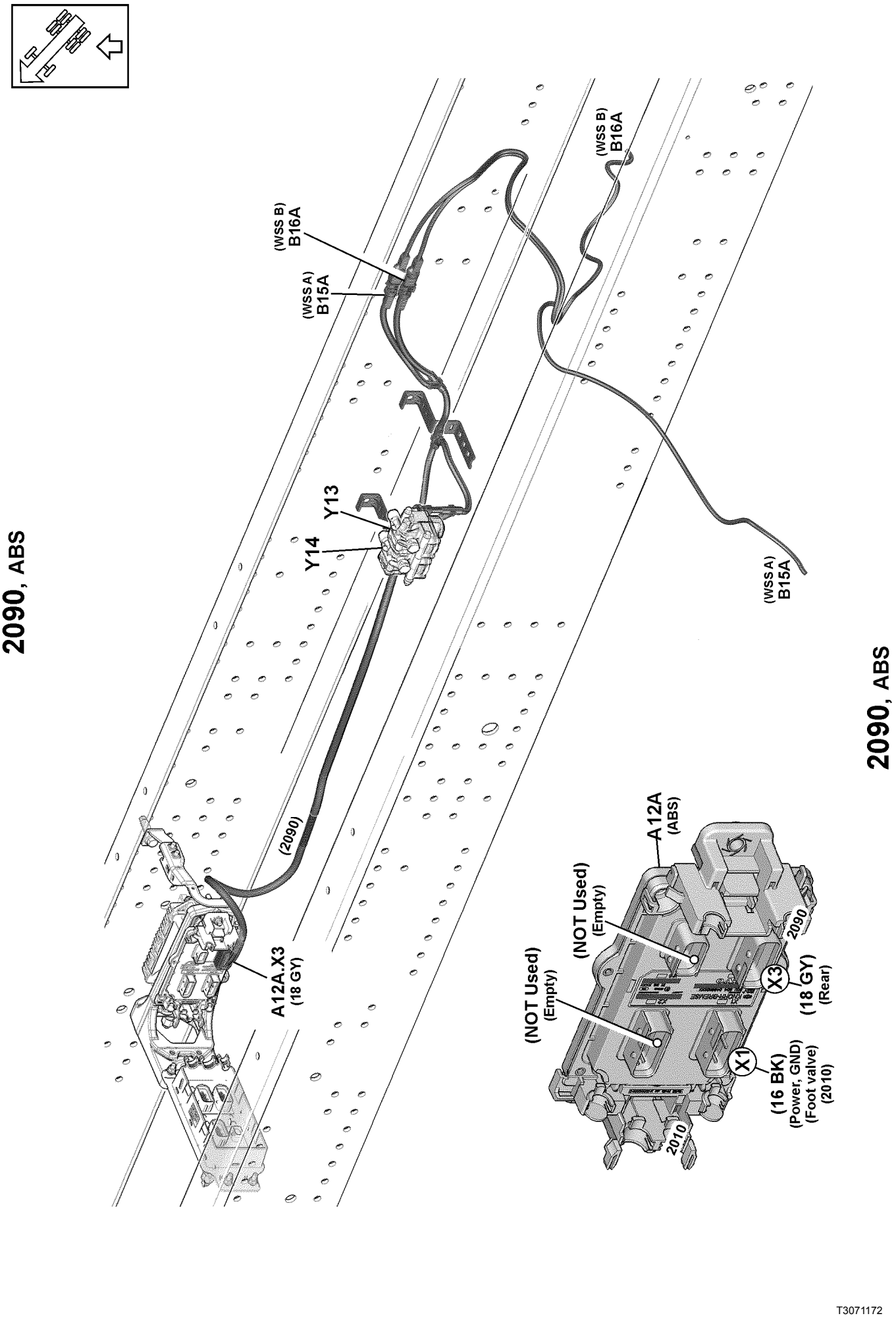

2090, RADD-GR/-BR/-TR1/-TR2, RAL17/21
(WSS D) B18
(LWS D) B45B
B45B(GY LWS)
B44B(BK LWS)
(LWS C) B44B
(WSS C) B17
(WSS B) B16B
(LWS B) B43A
(GY LWS)B43B
(BK LWS)B42B
U03B
(WSS A) B15B
(LWS A) B42A
(2090)
A21.X3 (18 GY)
RHS LHS
LWS C/D grey
WSSD brown
WSSC green
ALS A/B brown
LWS A/B black
WSSA grey
WSSB black
CANB SPLCND green
LHS RHS
U03B
A21 (EBS)
(RSTS-EHY) (12 BK)
X4
X3
X2
X1
2100
2090
2010
2010
(18 GY) (Rear)
(16 BK) (Power, GND) (Foot valve) (YAW-rate) (2010)
(18 GY) (Front) (Trailer) (2010)
B50 (YAW-rate)
T3081807

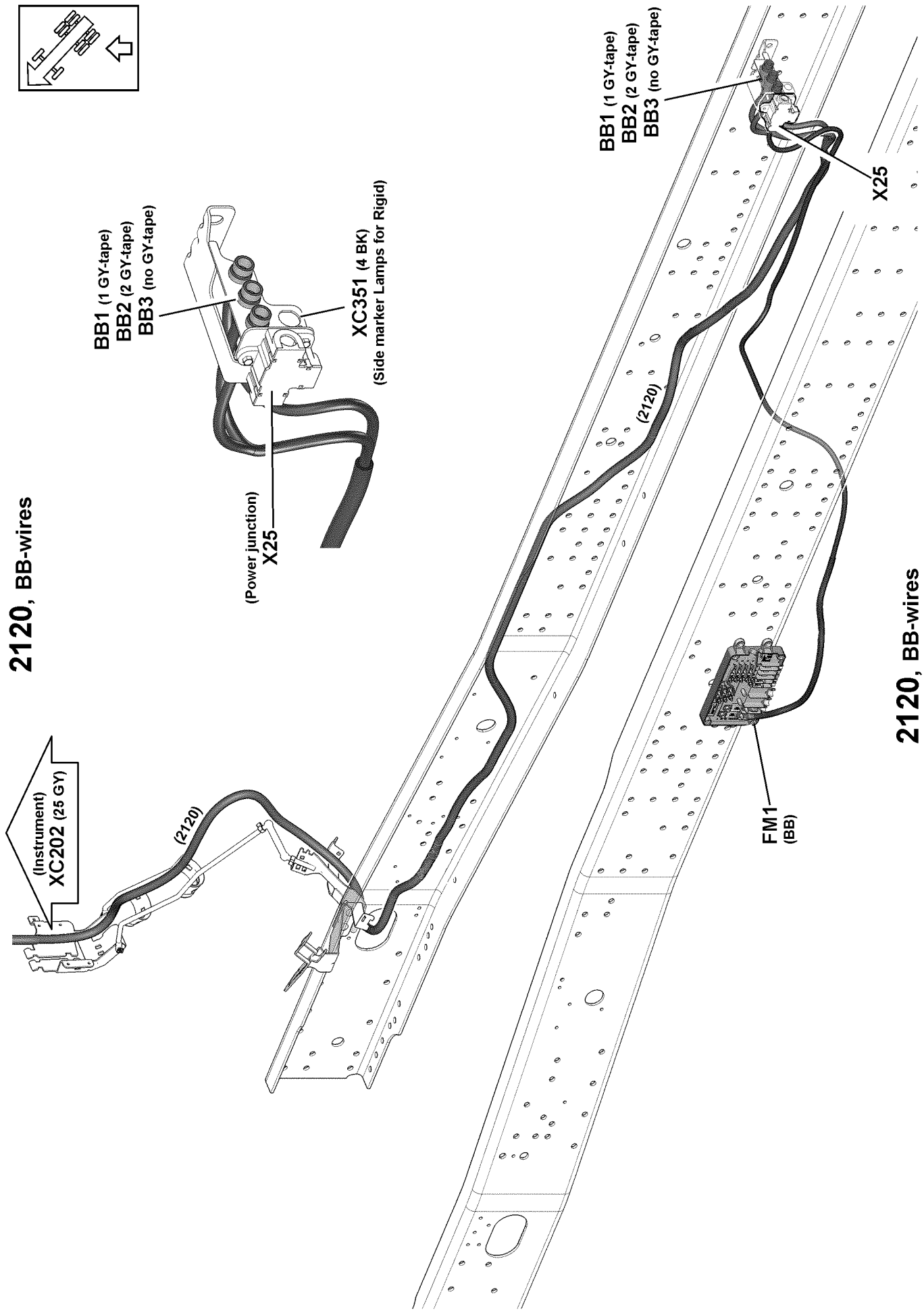

2090, RADD-BR/-TR1/-TR2, RAL>23
(WSS B) B18
(LWS B) B45B
B45B(GY LWS)
B44B(BK LWS)
(WSS A) B17
(LWS A) B44B
U03C
U03A
(LWS B) B43A
(WSS B) B16B
(2090)
(GY LWS)B43A
(BK LWS)B42A
(LWS A) B42A
(WSS A) B15B
LHS RHS
LWS A/B black
WSSA grey
WSSB black
CANB SPLGND green
A21.X3 (18 GY)
(EBS) A21
(RSTS-EHY) (12 BK)
X4
X3
X2
X1
2100
2090
2010
(18 GY) (Rear)
(16 BK) (Power, GND) (Foot valve) (YAW-rate) (2010)
(18 GY) (Front) (Trailer) (2010)
B50 (YAW-rate)
T3081808


2090, 2100, RAPDT-GR, RSTS-EHY, RAL>33
2090, 2100, RAPDT-GR, RSTS-EHY, RAL>33
(WSS B) B71
(LWS B) B75B
U04A
A21.X3 (18 GY)
Y154
XC356
B267
(LWS A) B74B
(WSS A) B70
(WSS B) B73
(LWS B) B77B
B49R
(LWS A) B76B
(WSS A) B72
U07
U03A
(WSS B) B16B
(LWS B) B43A
A192.X4 (2040)
Y53
(WSS A) B15B
(LWS A) B42A
B43A (GY LWS)
B42A (BK LWS)
B77B (GY LWS)
B76B (BK LWS)
LHS RHS
LWS A/B black
WSSA grey
WSSB black
CANB SPL/GND green
(2100)
(2090)
(GY LWS) B75B
(BK LWS) B74B
(12 BK) A21.X4
(EBS) A21
(RSTS-EHY) (12 BK)
(YAW-rate) B50
(16 BK) (Power, GND) (Foot valve) (YAW-rate) (2010)
(18 GY) (Front) (Trailer) (2010)
(18 GY) (Rear)
X1
X2
X3
X4
2010
2090
2100
T3081318

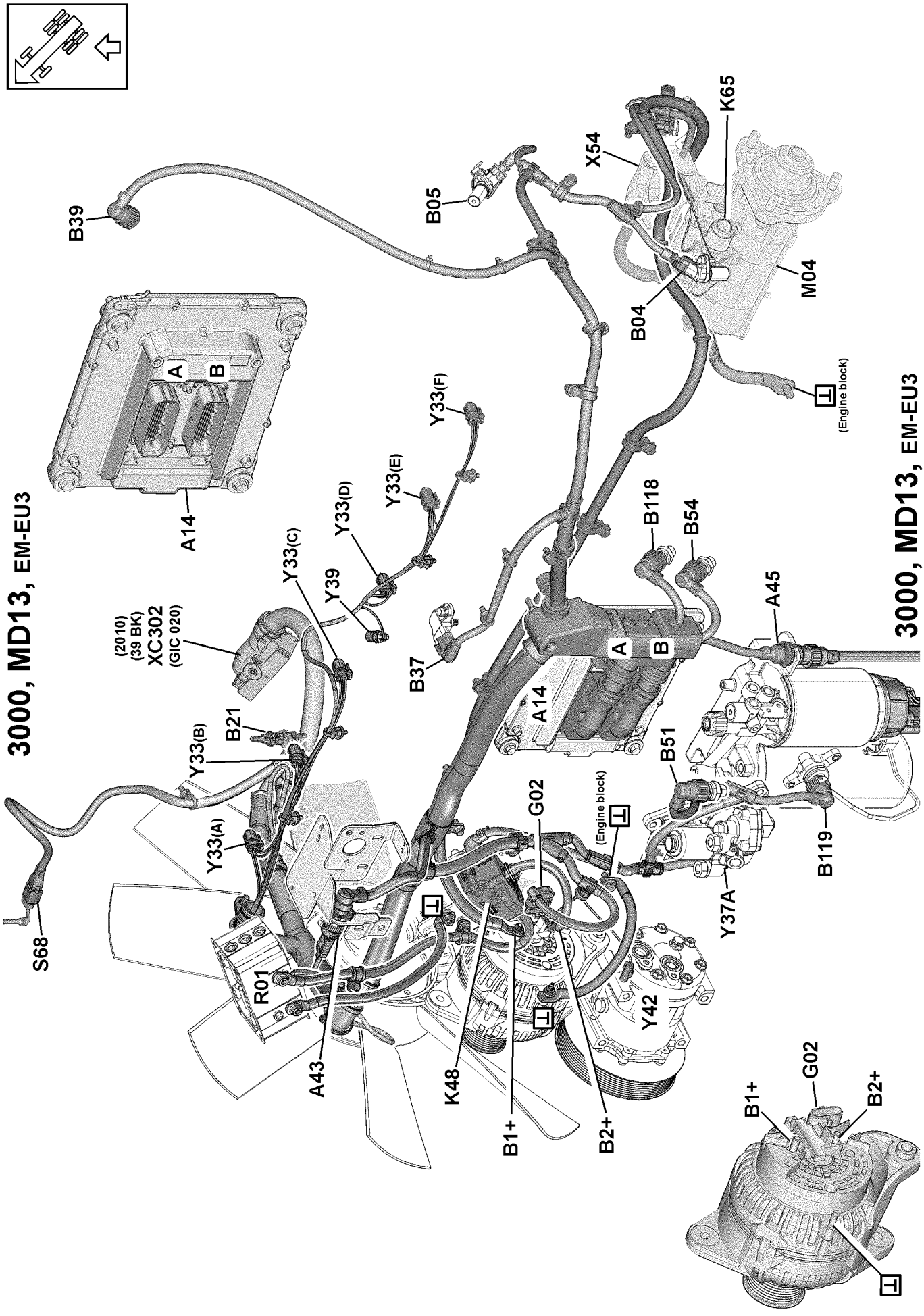

2090, 2100, RAPDD-GR, RSTS-EHY, RAL>33
2090, 2100, RAPDD-GR, RSTS-EHY, RAL>33
T3076471


2090, 2100, RADDT-GR, RSTS-EHY, RAL>33
2090, 2100, RADDT-GR, RSTS-EHY, RAL>33
T3081809

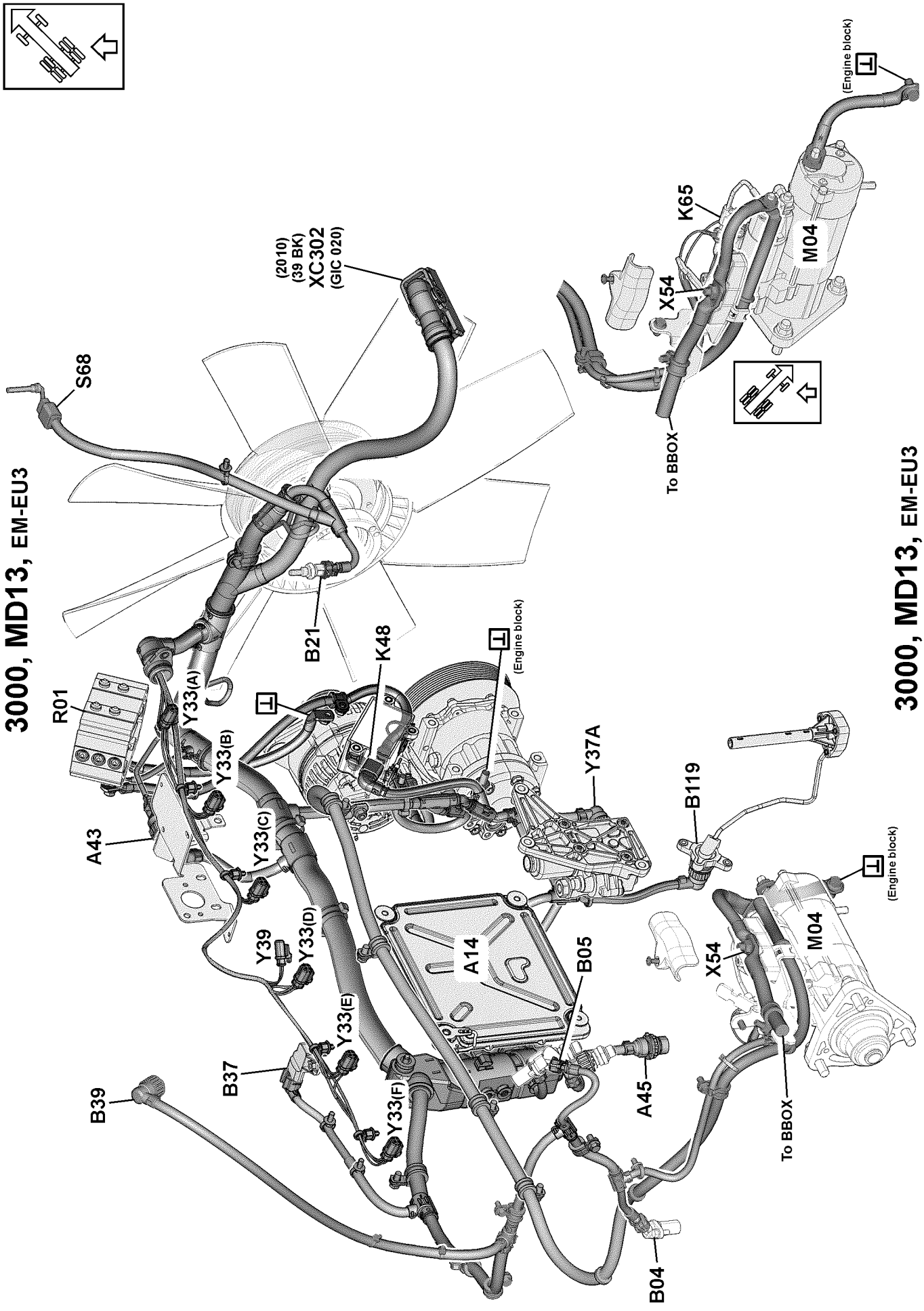

2090, ABS
(WSS B)
B16A
(WSS A)
B15A
Y13
Y14
(2090)
A12A.X3
(18 GY)
(WSS B)
B16A
(WSS A)
B15A
A12A
(ABS)
(NOT Used)
(Empty)
(NOT Used)
(Empty)
2090
X3
(18 GY)
(Rear)
X1
(16 BK)
(Power, GND)
(Foot valve)
(2010)
2010
2090, ABS
T3071172


2120, BB-wires
BB1 (1 GY-tape)
BB2 (2 GY-tape)
BB3 (no GY-tape)
XC351 (4 BK)
(Side marker Lamps for Rigid)
(Power junction)
X25
(2120)
(Instrument)
XC202 (25 GY)
BB1 (1 GY-tape)
BB2 (2 GY-tape)
BB3 (no GY-tape)
X25
(2120)
FM1
(BB)
2120, BB-wires

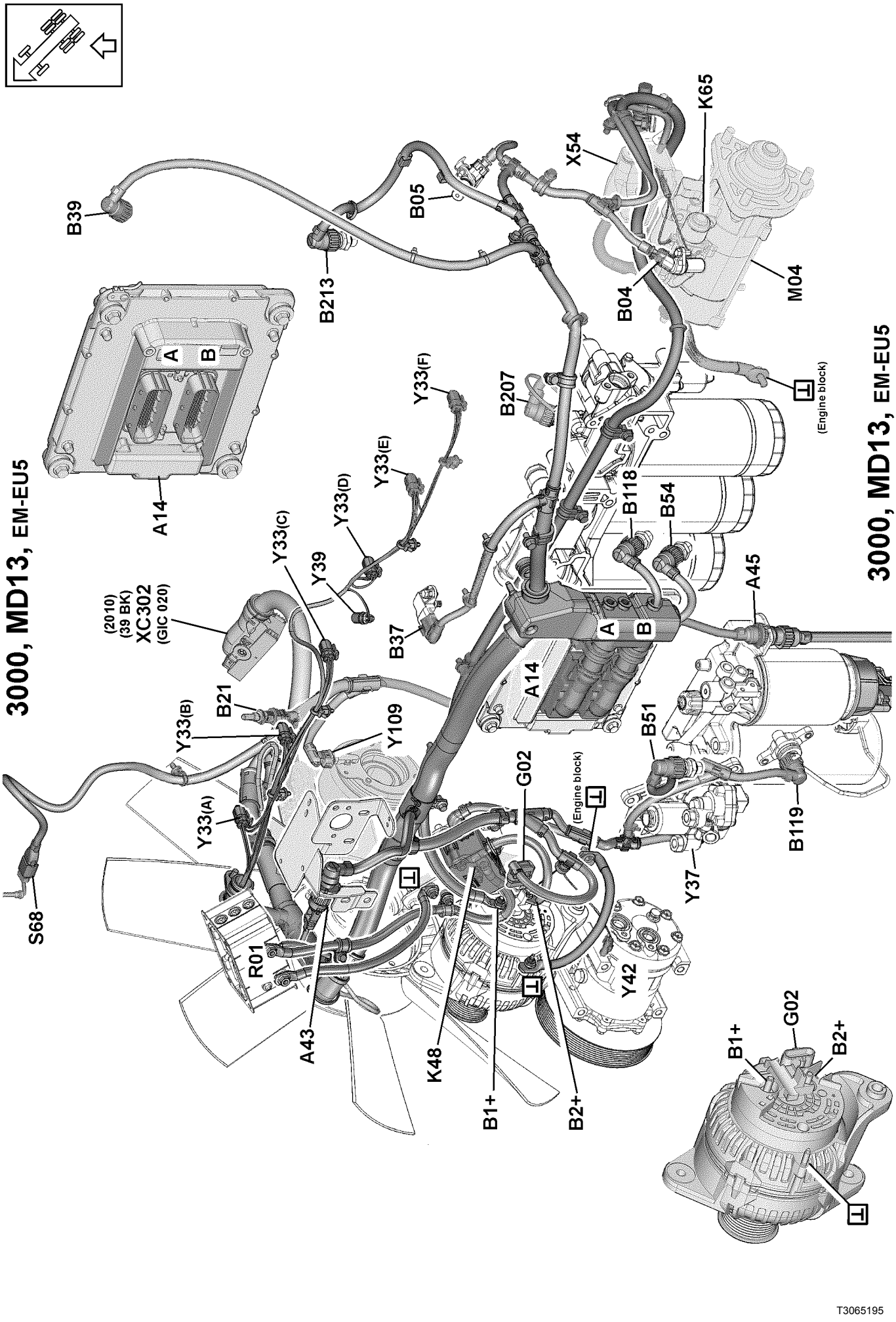
T3079530

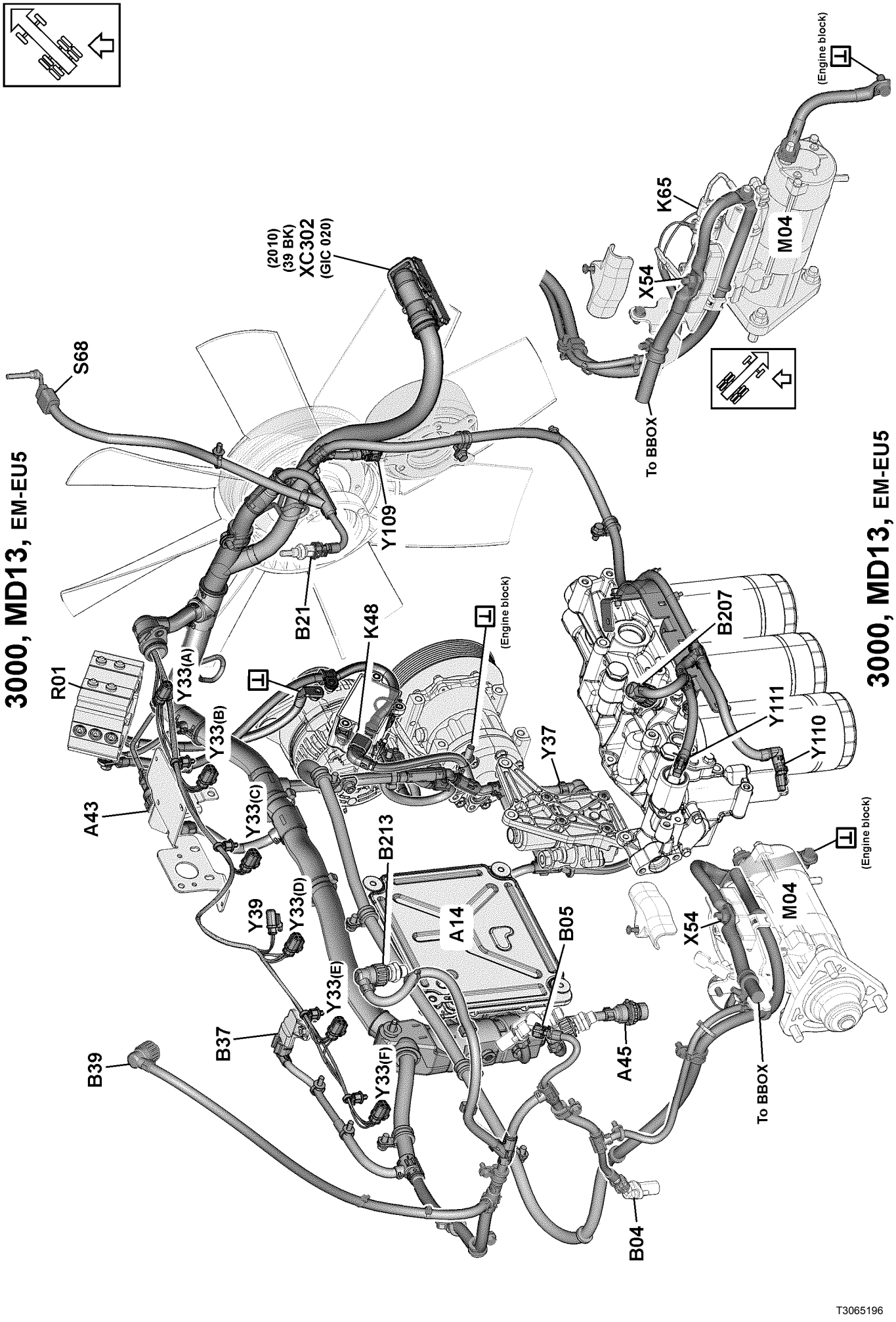

3000, MD13, EM-EU3
3000, MD13, EM-EU3
B39
B05
X54
K65
M04
B04
(Engine block)
A14
A
B
Y33(F)
Y33(E)
Y33(D)
Y33(C)
Y39
(2010)
(39 BK)
XC302
(GIC 020)
B21
Y33(B)
Y33(A)
S68
B37
B118
B54
A45
A14
B51
B119
Y37A
G02
(Engine block)
R01
A43
K48
B1+
B2+
Y42
B1+
G02
B2+

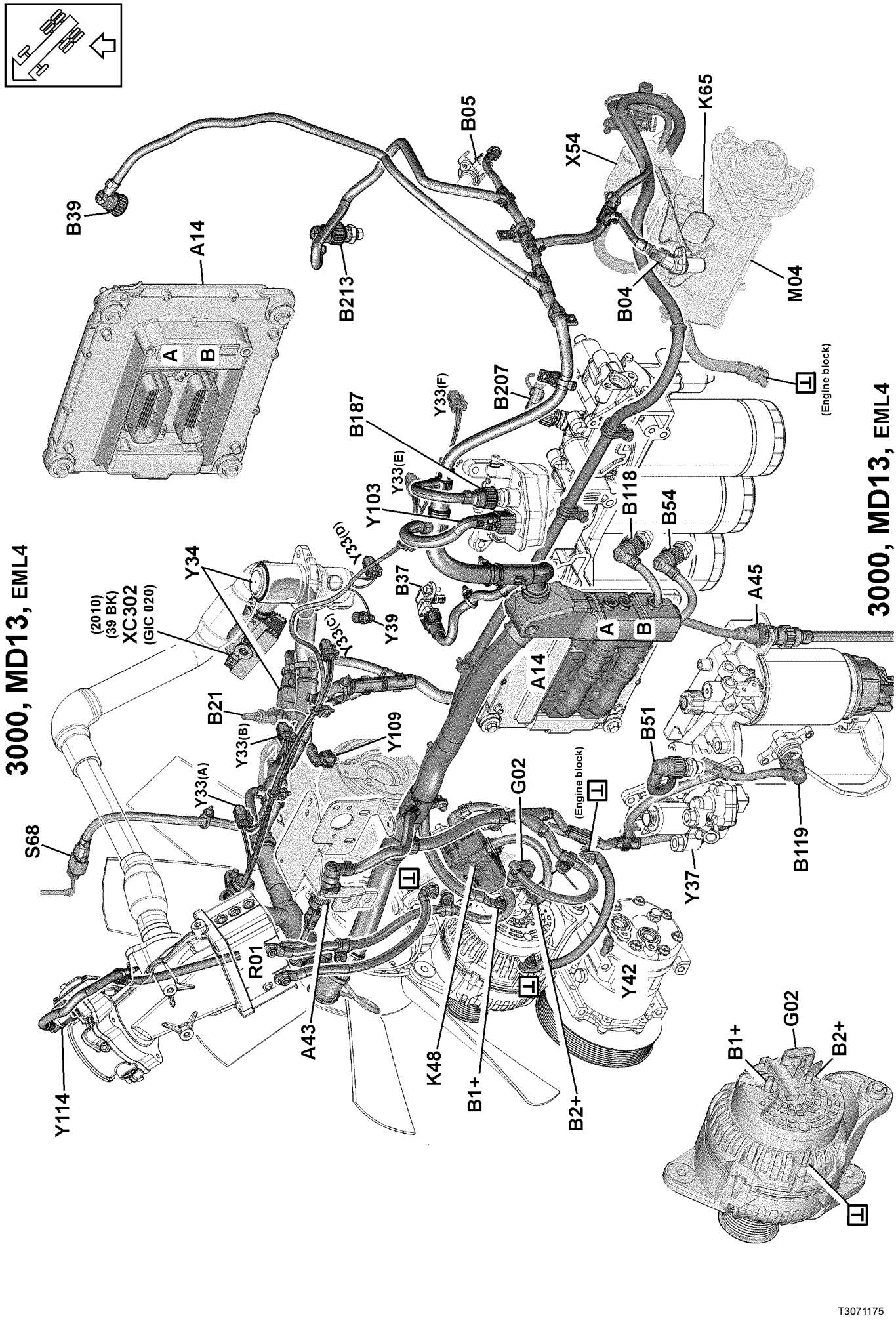
T3065193

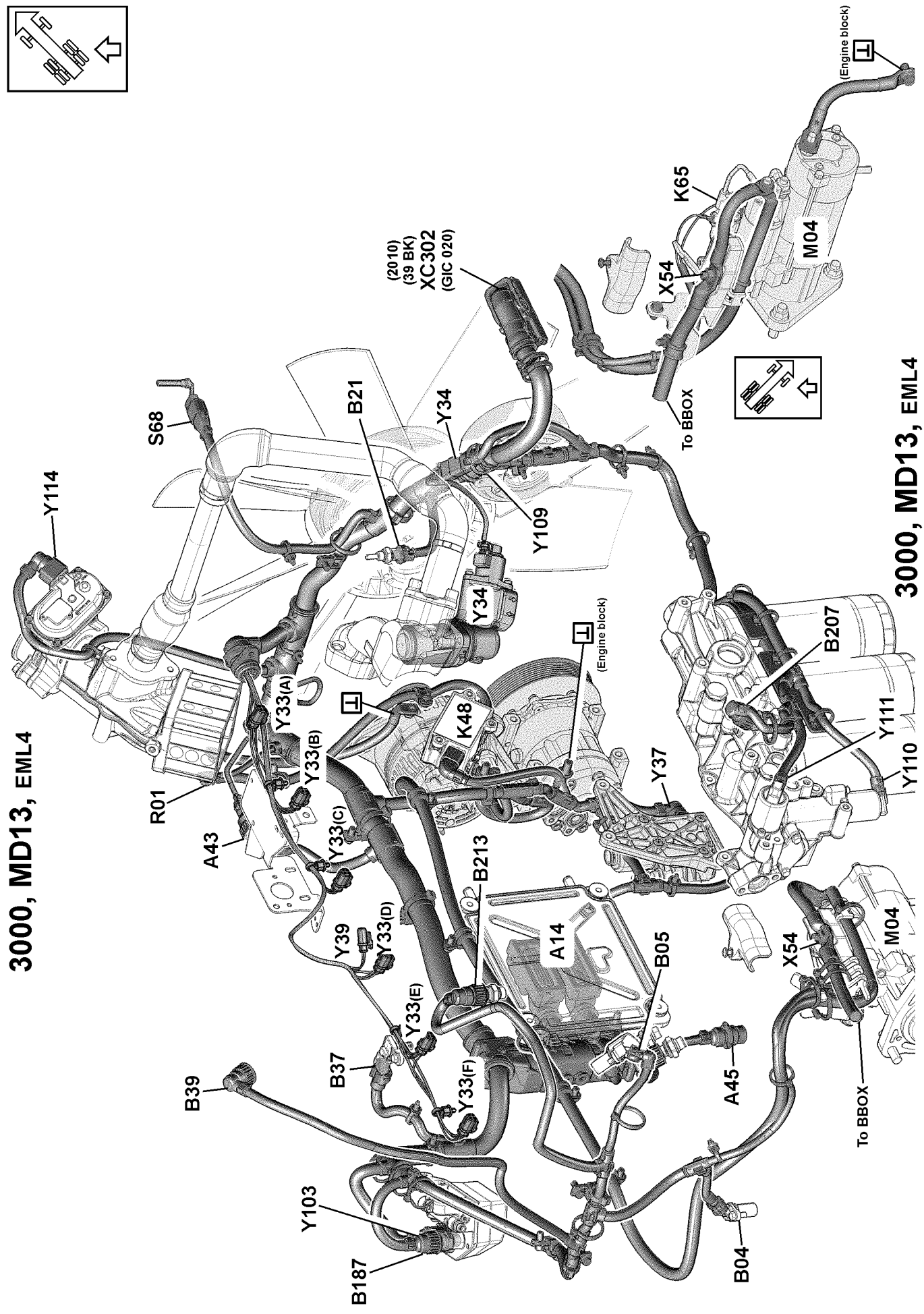

3000, MD13, EM-EU3
S68
(2010)
(39 BK)
XC302
(GIC 020)
B21
K48
(Engine block)
R01
Y33(A)
Y33(B)
Y33(C)
Y33(D)
Y33(E)
Y33(F)
A43
Y39
B37
B39
A14
B05
A45
B04
Y37A
B119
X54
M04
K65
To BBOX
3000, MD13, EM-EU3

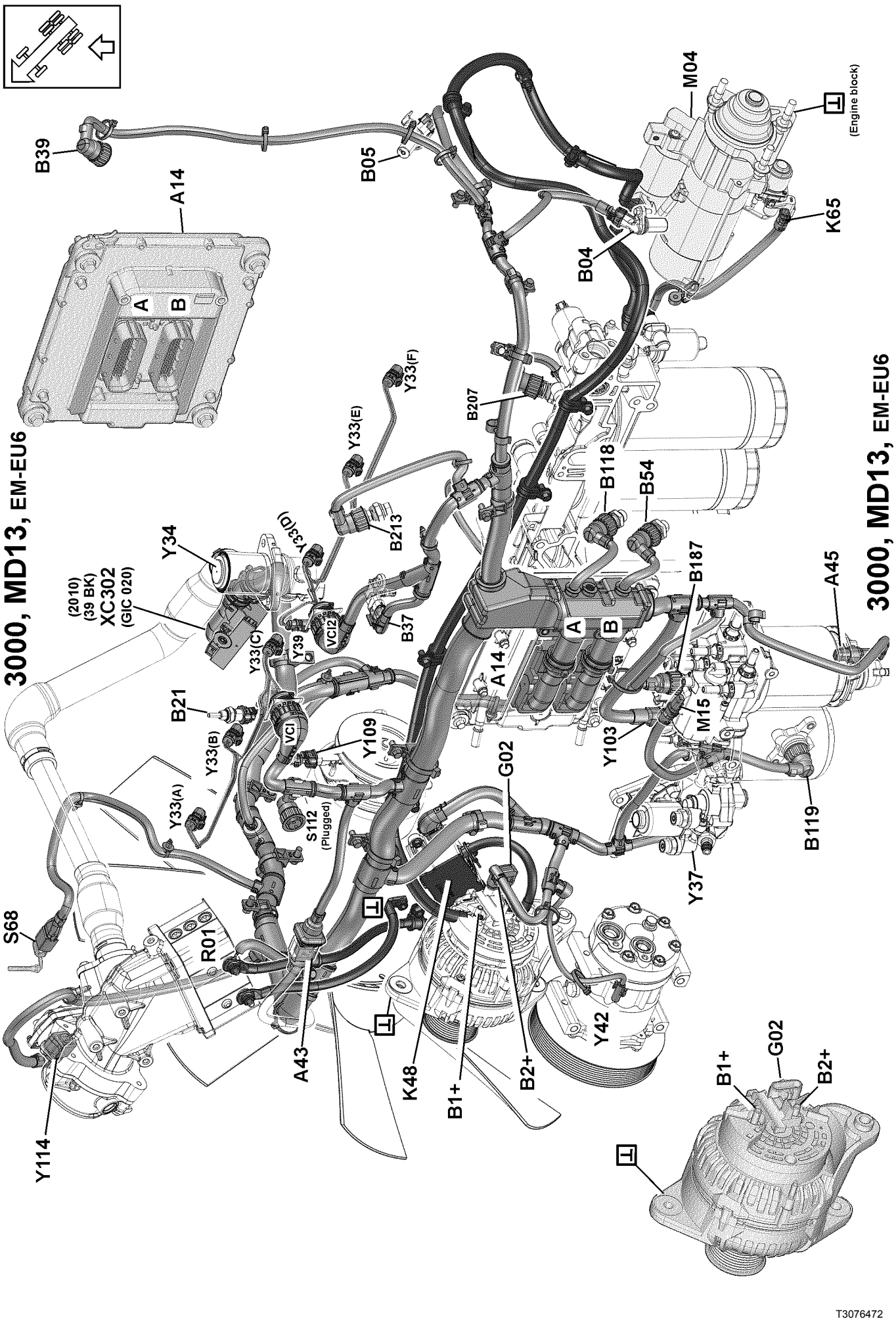
T3065194

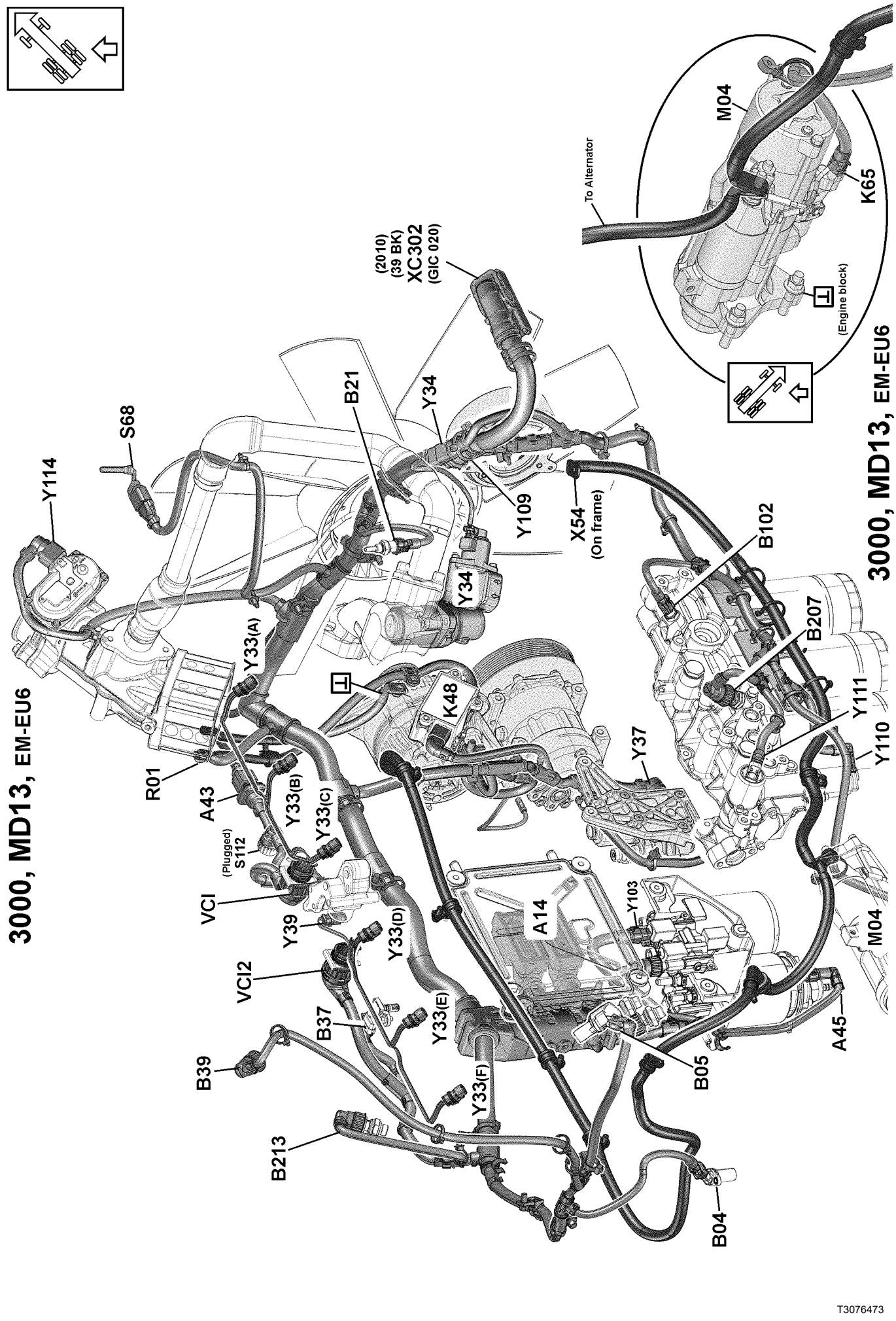

3000, MD13, EM-EU5
3000, MD13, EM-EU5
B39
B213
B05
X54
K65
M04
B04
A14
A
B
Y33(F)
B207
(Engine block)
Y33(E)
Y33(D)
Y33(C)
Y39
B118
B54
(2010)
(39 BK)
XC302
(GIC 020)
B37
A45
A14
B51
Y33(B)
B21
Y109
G02
(Engine block)
Y33(A)
B119
Y37
S68
R01
A43
K48
B1+
B2+
Y42
B1+
G02
B2+
T3065195


3000, MD13, EM-EU5
3000, MD13, EM-EU5
S68
(2010)
(39 BK)
XC302
(GIC 020)
Y109
B21
K48
(Engine block)
R01
Y33(A)
Y33(B)
Y33(C)
Y33(D)
Y33(E)
Y33(F)
A43
Y39
B213
A14
B05
B37
B39
A45
B04
Y37
B207
Y111
Y110
K65
M04
X54
To BBOX
(Engine block)
T3065196

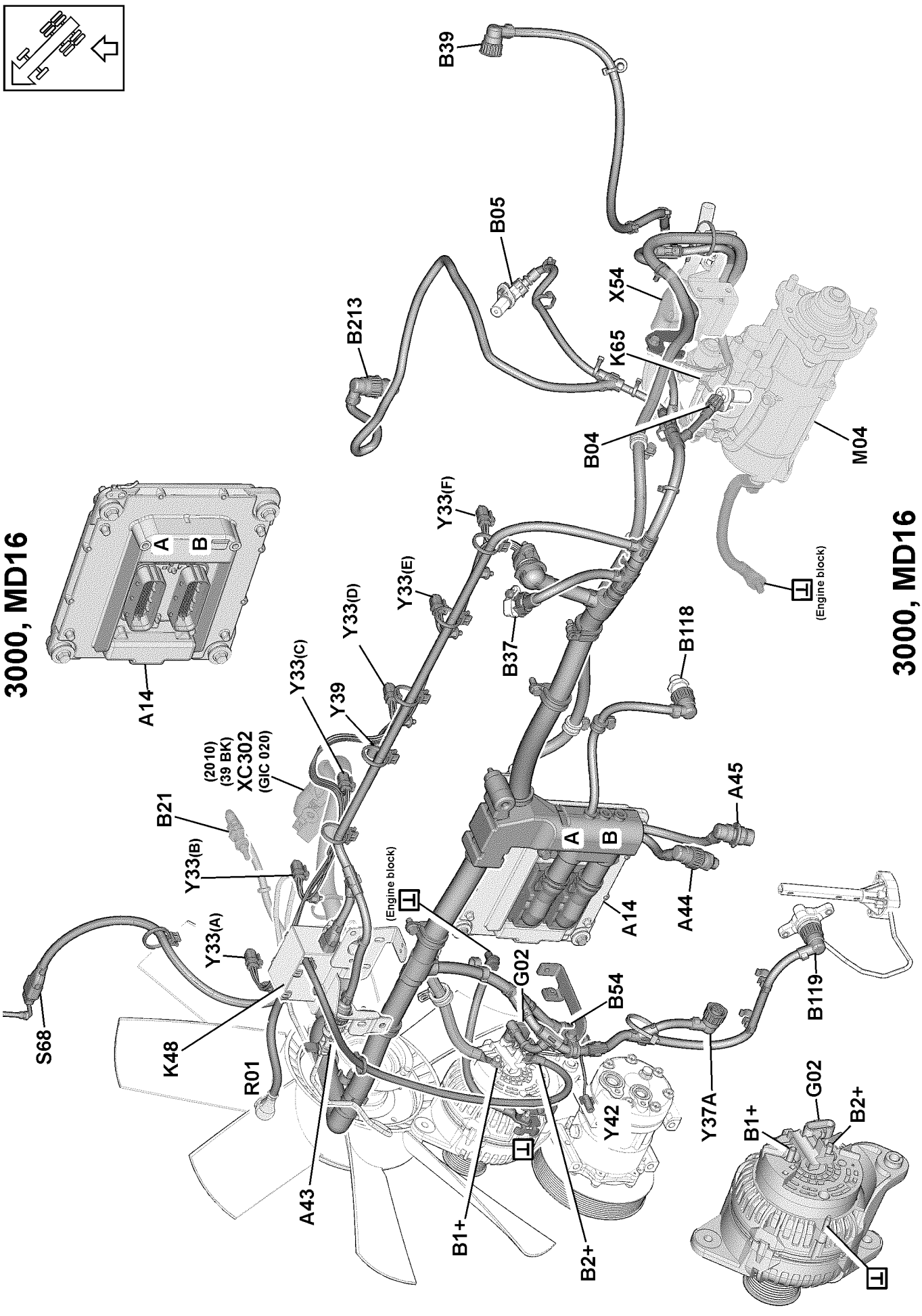

3000, MD13, EML4
3000, MD13, EML4
B39
A14
B05
B213
X54
K65
M04
B04
(Engine block)
B207
Y33(F)
B187
Y33(E)
Y103
B118
B54
Y33(D)
Y34
B37
Y39
Y33(C)
(2010)
(39 BK)
XC302
(GIC 020)
A45
A14
B21
Y33(B)
Y109
B51
Y33(A)
S68
G02
(Engine block)
B119
Y37
R01
A43
Y42
K48
B1+
B2+
Y114
G02
B1+
B2+
T3071175

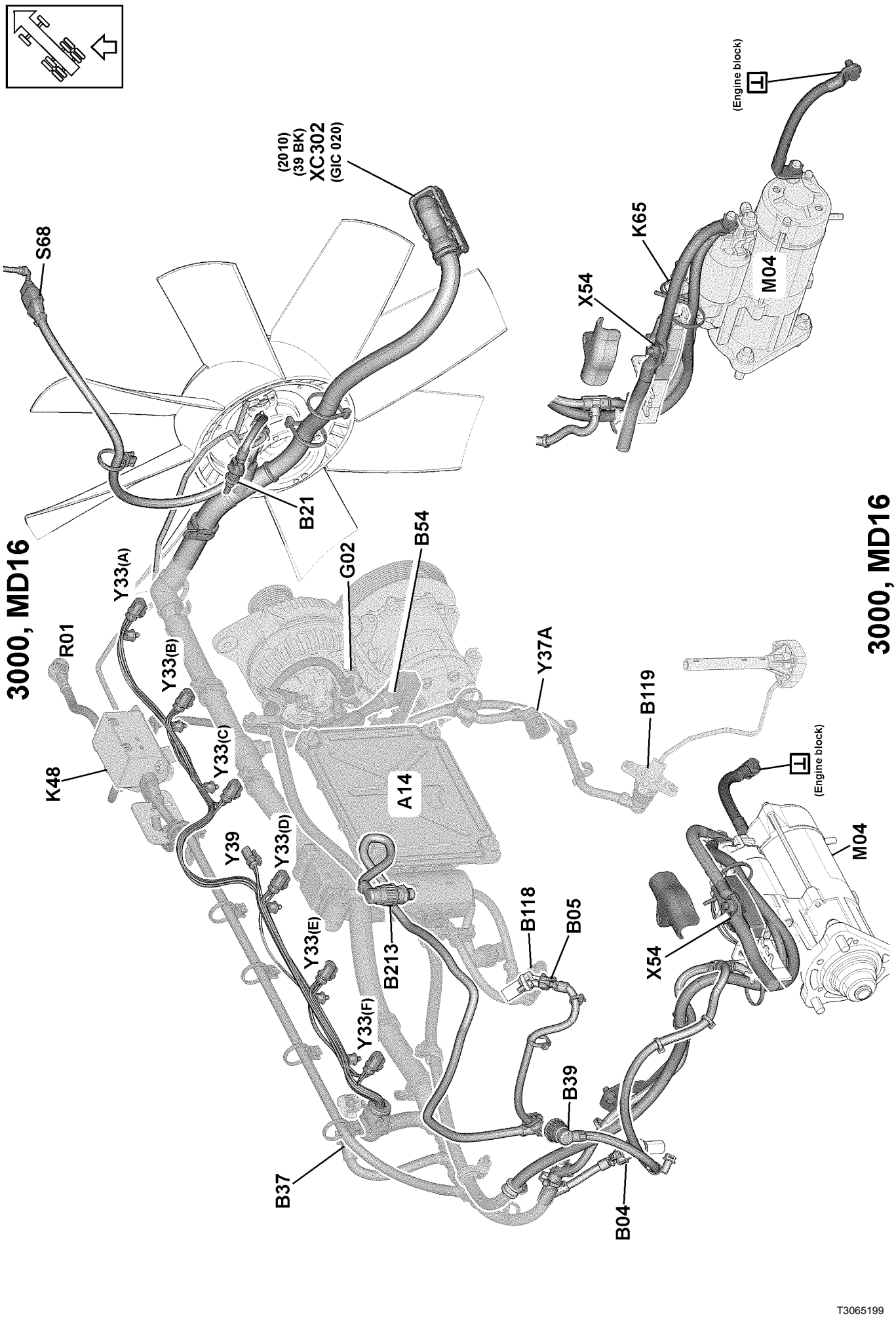

3000, MD13, EML4
3000, MD13, EML4
Y114
S68
B21
Y34
(2010)
(39 BK)
XC302
(GIC 020)
Y109
K65
M04
X54
To BBOX
(Engine block)
R01
A43
Y33(A)
Y33(B)
Y33(C)
Y33(D)
Y33(E)
Y33(F)
K48
Y37
B207
Y111
Y110
B213
A14
B05
Y39
B37
B39
A45
B04
Y103
B187
T3071176


3000, MD13, EM-EU6
3000, MD13, EM-EU6
B39
A14
B05
M04
(Engine block)
K65
B04
B207
Y33(F)
Y33(E)
B213
Y33(D)
Y34
(2010)
(39 BK)
XC302
(GIC 020)
Y33(C)
Y39
VCI2
B37
B118
B54
B187
A45
A14
M15
Y103
B21
Y33(B)
VCI
Y109
Y33(A)
S112
(Plugged)
G02
B119
Y37
S68
R01
A43
K48
B1+
B2+
Y42
Y114
T3076472


3000, MD13, EM-EU6
3000, MD13, EM-EU6
Y114
S68
B21
Y34
(2010)
(39 BK)
XC302
(GIC 020)
Y109
X54
(On frame)
B102
B207
Y111
Y110
M04
K65
To Alternator
(Engine block)
Y33(A)
K48
Y37
R01
A43
Y33(B)
Y33(C)
(Plugged)
S112
VCI
Y39
Y33(D)
VCI2
B37
Y33(E)
B39
Y33(F)
B213
A14
Y103
B05
A45
B04

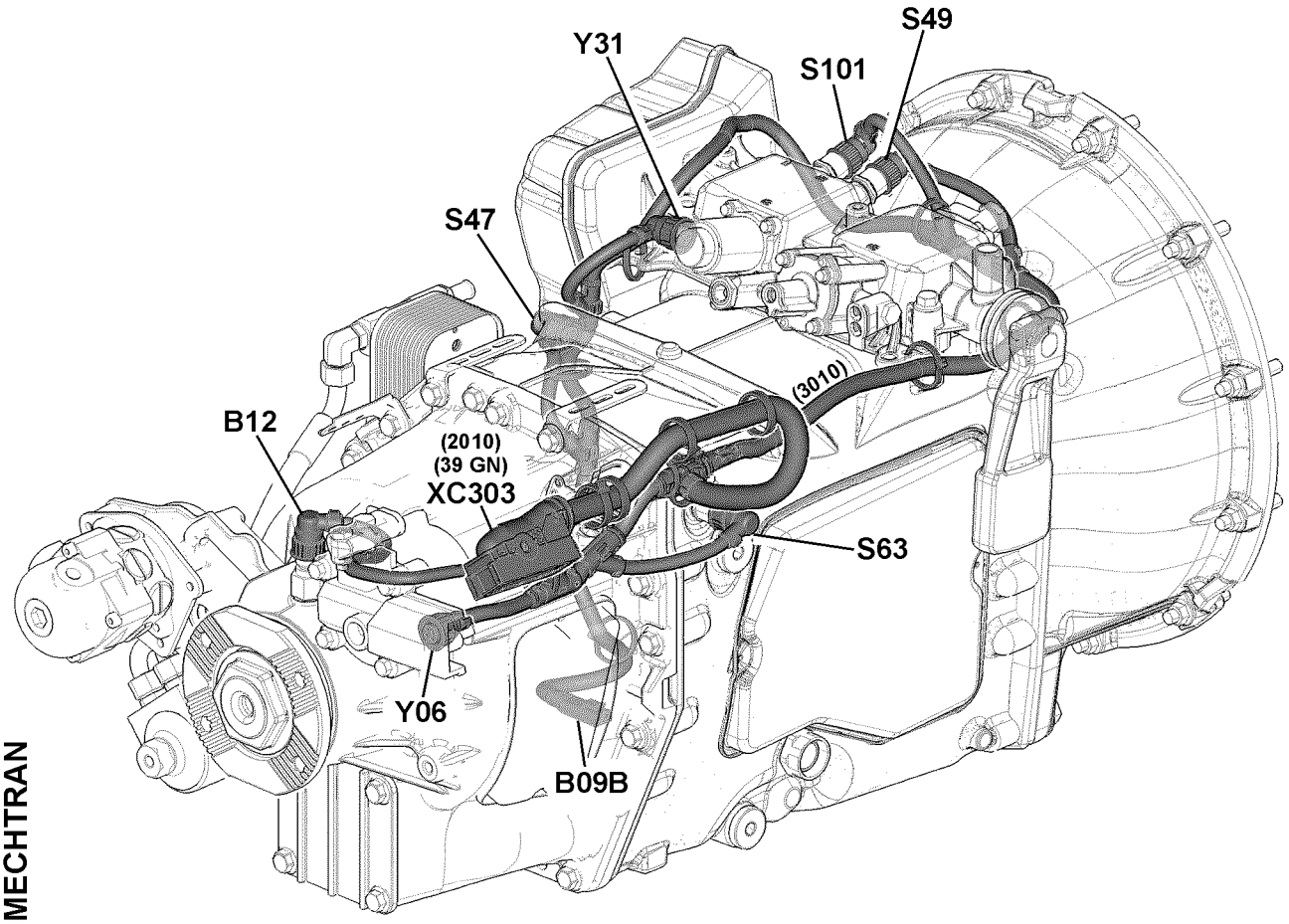
T3076473


3000, MD16
3000, MD16
B39
B05
B213
X54
K65
B04
M04
Y33(F)
Y33(E)
Y33(D)
Y33(C)
Y39
B37
B118
A14
A
B
(Engine block)
(2010)
(39 BK)
XC302
(GIC 020)
B21
Y33(B)
Y33(A)
A45
A44
S68
K48
R01
A43
G02
B54
B1+
B2+
Y42
Y37A
B119
T3065198

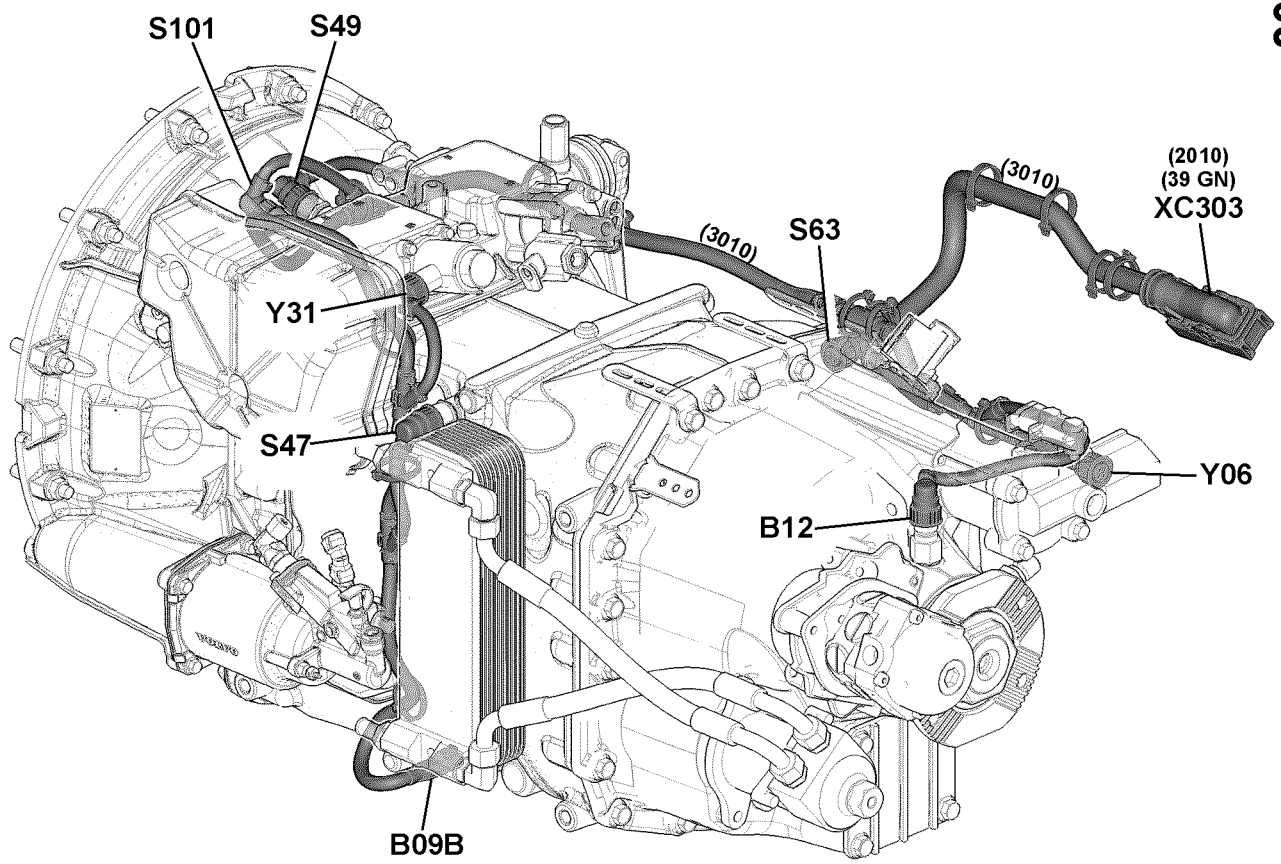

3000, MD16
S68
(2010)
(39 BK)
XC302
(GIC 020)
B21
G02
B54
Y33(A)
R01
Y33(B)
Y33(C)
K48
Y39
Y33(D)
Y33(E)
Y33(F)
B37
A14
B213
B118
B05
B39
B04
Y37A
B119
X54
K65
M04
(Engine block)
3000, MD16

T3065199

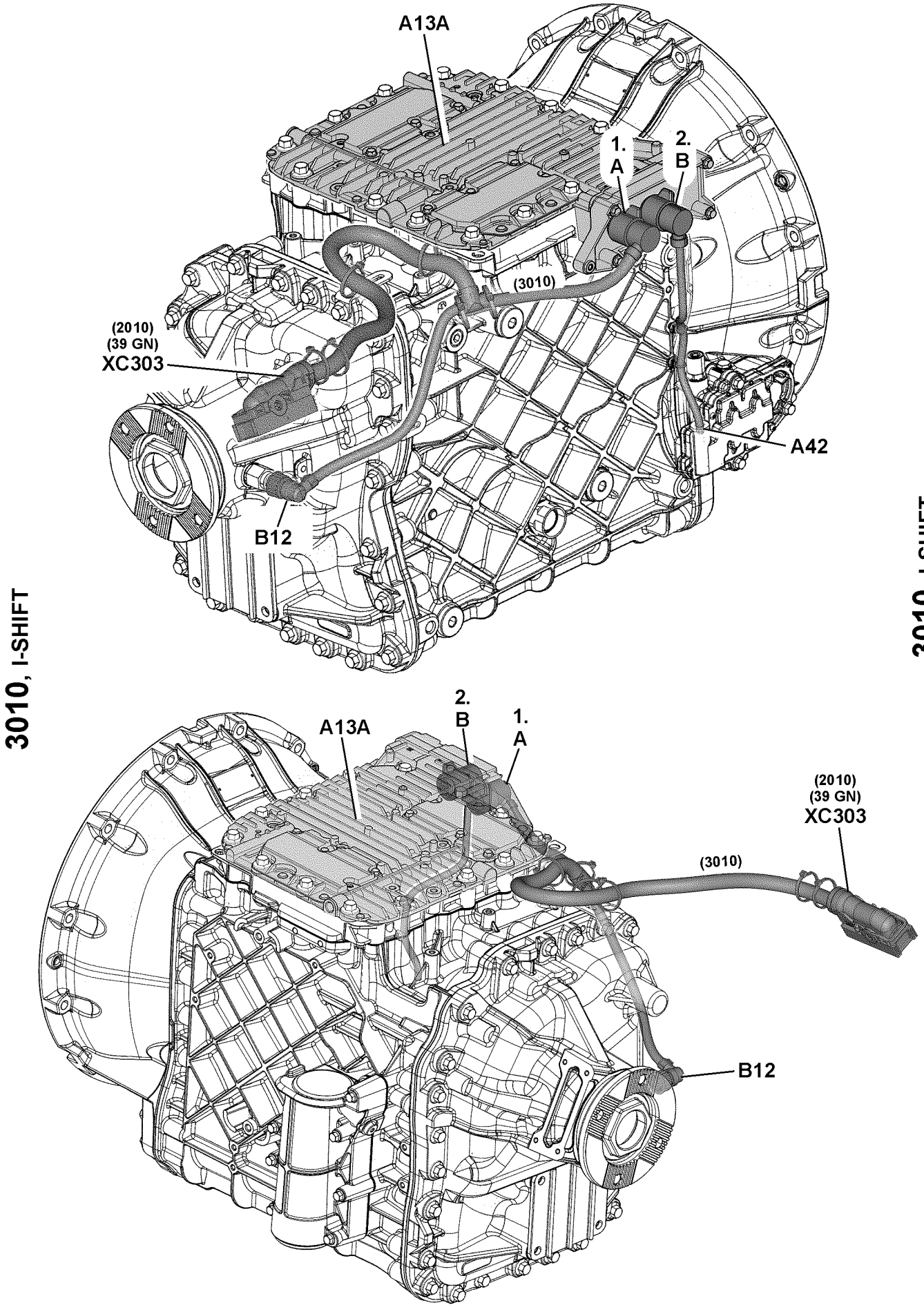
3010, MECHTRAN



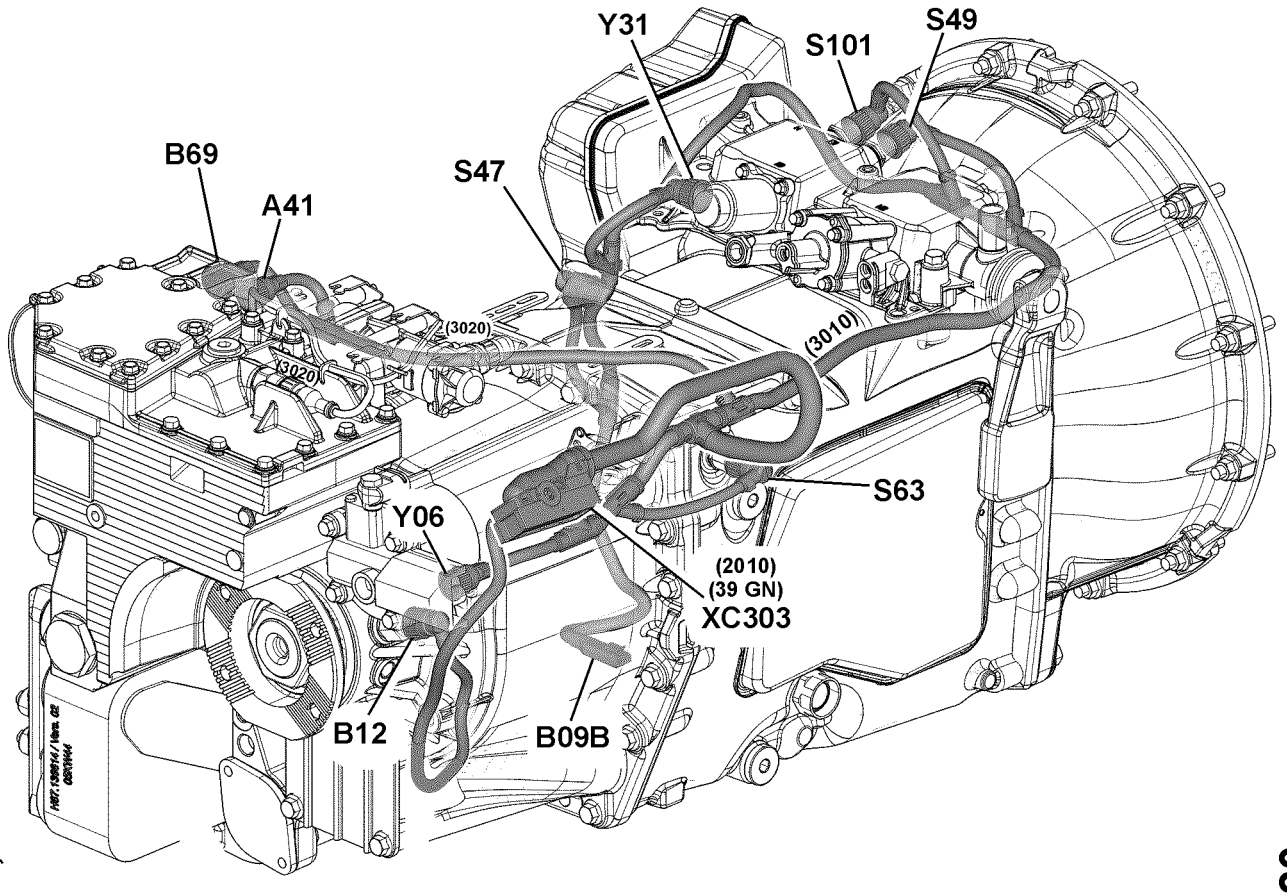

3010, MECHTRAN



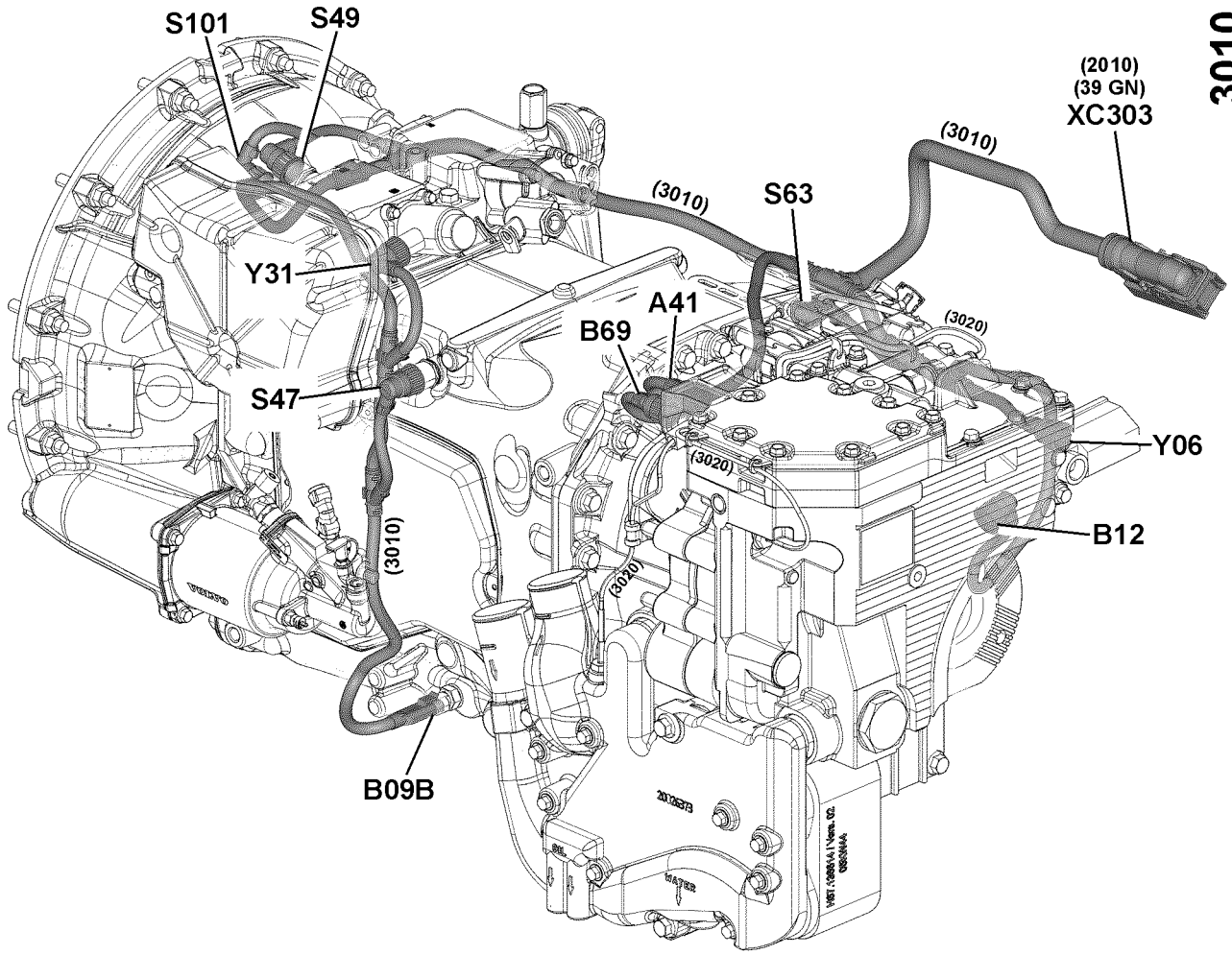

T3065200


3010, I-SHIFT
A13A
1.
A
2.
B
(3010)
(2010)
(39 GN)
XC303
A42
B12
3010, I-SHIFT
2.
B
1.
A
A13A
(2010)
(39 GN)
XC303
(3010)
B12
T3065201

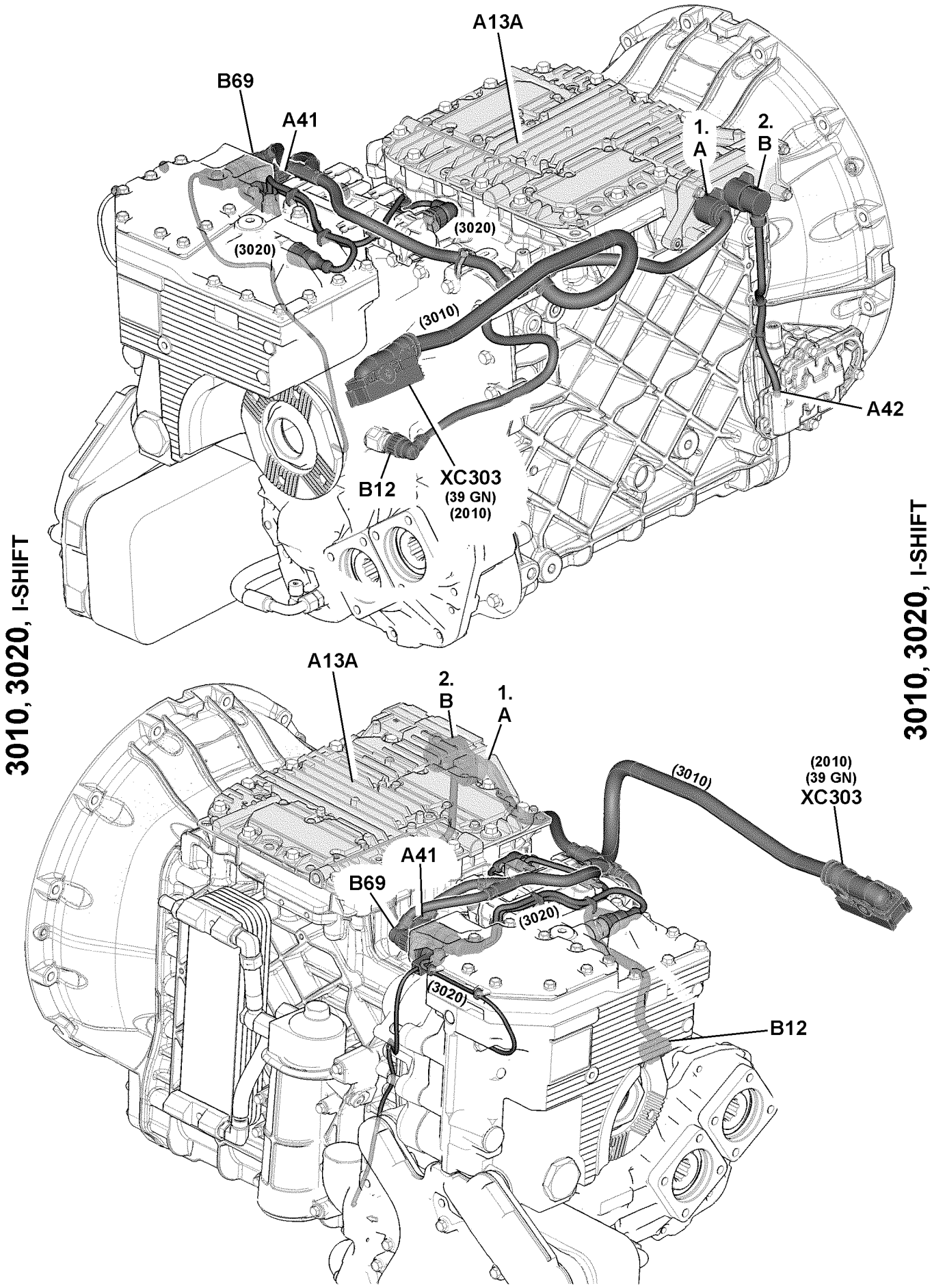
3010, 3020, MECHTRAN




3010, 3020, MECHTRAN

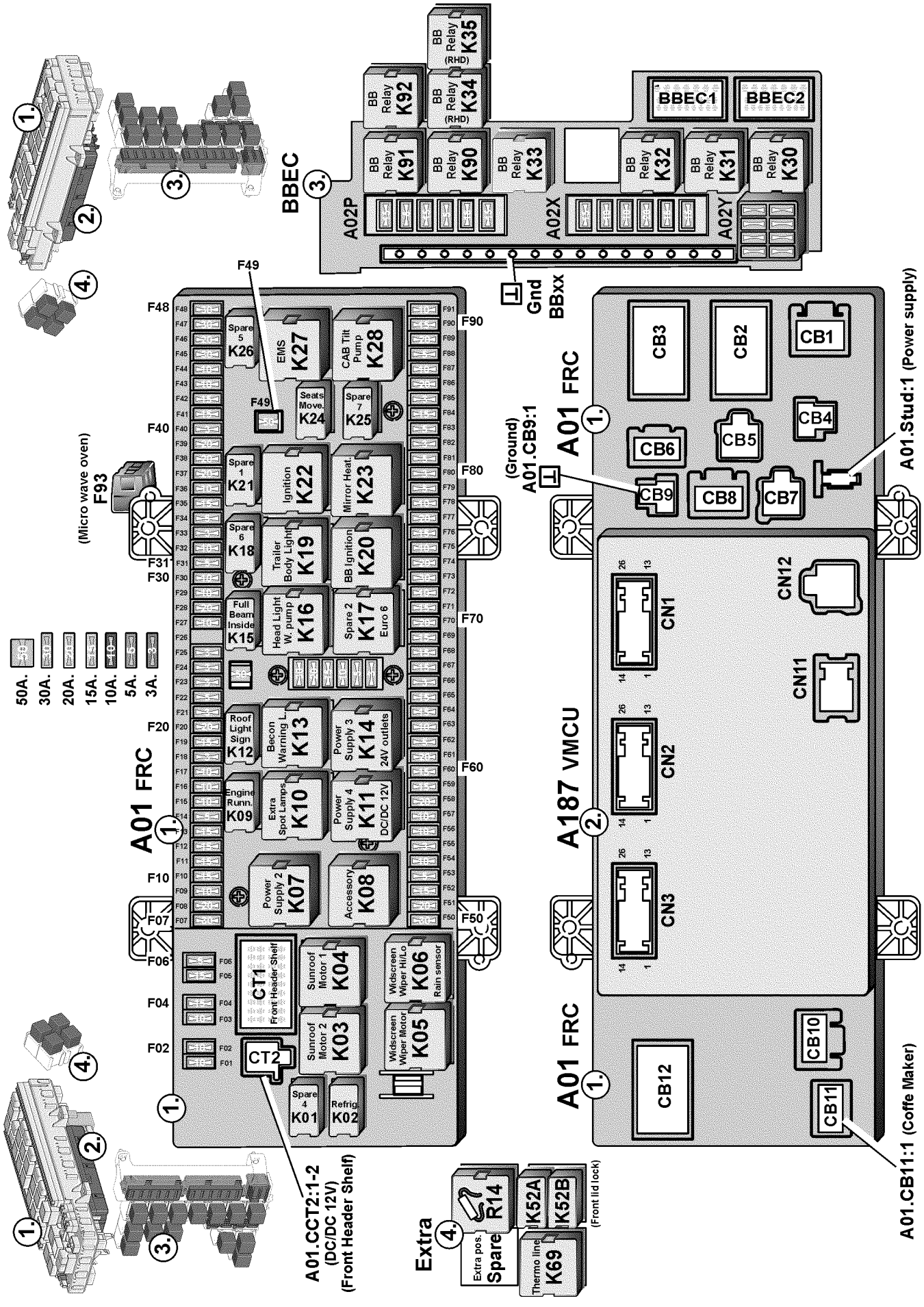



T3065202


A13A
B69
A41
1.
A
2.
B
(3020)
(3020)
(3010)
A42
B12
XC303
(39 GN)
(2010)
3010, 3020, I-SHIFT
A13A
2.
B
1.
A
(3010)
(2010)
(39 GN)
XC303
A41
B69
(3020)
(3020)
B12
3010, 3020, I-SHIFT

T3065203

# Fuses


BBEC
A02P
A02X
A02Y
BB Relay K91
BB Relay K90
BB Relay K33
BB Relay K92
BB Relay K34
BB Relay (RHD) K35
BB Relay K32
BB Relay K31
BB Relay K30
BBEC1
BBEC2
Gnd
BBxx
A01 FRC
A187 VMCU
CB1
CB2
CB3
CB4
CB5
CB6
CB7
CB8
CB9
CB10
CB11
CB12
CN1
CN2
CN3
CN11
CN12
(Ground) A01.CB9:1
A01.Stud:1 (Power supply)
A01.CB11:1 (Coffe Maker)
F49
F90
F80
F70
F60
F50
F48
F40
F31
F30
F20
F10
F07
F06
F04
F02
Spare 5 K26
EMS K27
CAB Tilt Pump K28
Seats Move. K24
Spare 7 K25
Spare 1 K21
Ignition K22
Mirror Heat. K23
Spare 6 K18
Trailer Body Light K19
BB Ignition K20
Full Beam Inside K15
Head Light W. pump K16
Spare 2 K17 Euro 6
Roof Light Sign K12
Becon Warning L. K13
Power Supply 3 K14 24V outlets
Engine Runn. K09
Extra Spot Lamps K10
Power Supply 4 K11 DC/DC 12V
Power Supply 2 K07
Accessory K08
CT1 Front Header Shelf
CT2
Sunroof Motor 1 K04
Sunroof Motor 2 K03
Widscreen Wiper HiLo K06 Rain sensor
Widscreen Wiper Motor K05
Spare 4 K01
Refrig. K02
(Micro wave oven) F93
50A.
30A.
20A.
15A.
10A.
5A.
3A.
A01.CCT2:1-2 (DC/DC 12V) (Front Header Shelf)
Extra
Extra pos. Spare R14
K52A
K52B
(Front lid lock)
Thermo line K69
T3065102

| | | |
|---|---|---|
| F01 | 12V power outlet supply | (IG:1 A) |
| F02 | - | |
| F03 | TV prep kit, power supply | (IG:3 A) |
| F04 | - | |
| F05 | - | |
| F06 | Body Builder switch, power supply | (ND:2 A/ ND1:3 A) |
| F07 | Body Builder Electrical Centre, main power supply 1 (30A) | (ND:3 B) |
| F08 | Body Builder Electrical Centre, main power supply 2 (20A) | (ND:2 B/ ND1:3 B) |
| F09 | - | |
| F10 | - | (IF:1 A) |
| F11 | Extra spot lamps roof, EL1 | (NF:0 A) |
| F12 | Beacon warning lamps roof EL4 | (NF:1 A) |
| F13 | Driver and passenger seats heater, Alcolock , engine running power supply | (IT:1 A) |
| F14 | - | |
| F15 | Roof light sign or roof EL 5 | (NF:3 A) |
| F16 | Full beam inside sign area EL 0 | (NF:4 A) |
| F17 | -I | |
| F18 | HMIIOM (Human Machine interface input & output module) power supply | (BA:1 A) |
| F19 | BBM (Body Builder Module) power supply | (NA:1 A) |
| F20 | DDM/PDM (Driver/Passenger Door Module) right, power supply. | (IS:0 A) |
| F21 | SID (Secondary instrument display) power supply | (IO:2 A) |
| F22 | Sun visor, bunk recline power supply | (IU:3 A) |
| F23 | Tachograph power supply | (BC:1 A) |
| F24 | Instrument power supply | (BA:2 A) |
| F25 | Toll collect power supply | (BX:0 A) |
| F26 | - | |
| F27 | VMCU | (BE:0 B) |
| F28 | VMCU | (BE:0 B) |
| F29 | Right mirror heating | (IR:1 A/ IS:1 A) |
| F30 | Left mirror heating | (IR:1 A/ IS:1 A |
| F31 | DACU (Driver Assistance Control Unit) power supply | (PA:0 A) |
| F32 | APM (Air Pressure Monitoring) power supply | (FE:1 A) |
| F33 | Wireless remote control | (FB:3 C) |
| F34 | Electrical front lid lock | (BG:1 A) |
| F35 | - | |
| F36 | - | |
| F37 | ABS/EBS power supply | (EA:0 A/ EE:0 A) |
| F38 | CCM (Climate Control Module) supply | (HA:1 A) |
| F39 | Fuel line heater power supply | (HF:1 A) |
| F40 | Tachograph ignition power supply | (BC:2 A) |
| F41 | EMS (Engine Management System) ECU power supply main | (CA:2 A) |
| F42 | EMS controlled loads 1 | (CA:2 A) |
| F43 | Fuel filter heater | (CA:1 A) |
| F44 | EMS controlled loads 2 | (CA:2 A) |
| F45 | Cab tilt pump motor supply | (KA:1 A) |
| F46 | Trailer ABS/EBS power supply | (GK:0 A/ GL:1 A) |
| F47 | - | |
| F48 | - | |
| F49 | Body Builder chassis main power supply | (ND:3 B) |
| F50 | Coffee maker accessory power supply | (IF:3 A) |
| F51 | Windscreen wiper motor on & off low speed/high speed | (GP:0 A) |
| F52 | Sunroof motor supply | (IU:1 A) |
| F53 | Video Switch power supply | (IO:0 A) |
| F54 | - | |
| F55 | Alarm power supply | (RA:0 A) |
| F56 | - | (IG:1 A) |
| F57 | Interior light | (IB:2 B) |
| F58 | Amplifier power supply | (IL:1 A) |
| F59 | Converter power supply in header shelf | (IG:2 A) |
| F60 | Converter power supply in dashboard | (IG:0 A) |
| F61 | DDM/PDM (Driver/Passenger Door Module) left, power supply | (IR:0 A) |
| F62 | OBD diagnostic connector, power supply | (XA:2 B) |
| F63 | CIOM (Cab Input/Output Module) power supply | (BG:0 A) |

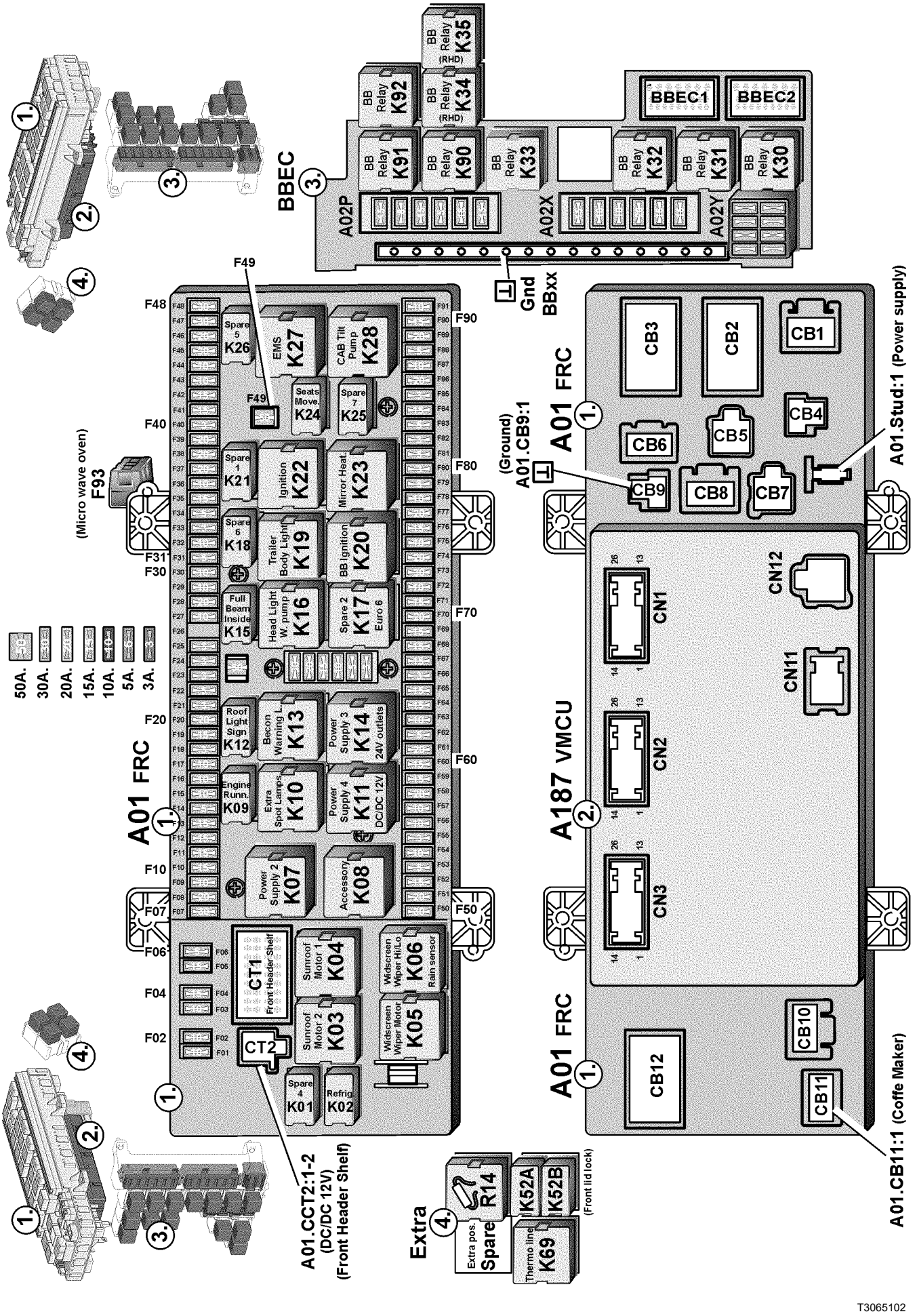
https://truckmanualshub.com/

| | | |
|---|---|---|
| F64 | 24V power outlet supply 1 in dashboard | (IF:1 A) |
| F65 | 24V power outlet supply 2 in bunk panel | (IF:1 A) |
| F66 | TIS (Transport Information System) & Telematics System power supply | (BU:0 A) |
| F67 | Cigarette lighter | (IF:0 A) |
| F68 | VMCU | (NB:0 C) |
| F69 | Cab parking heater power supply | (HC:1 A) |
| F70 | TECU | (DC:1 A) |
| F71 | Headlight washer pump motor | (GP:1 B) |
| F72 | - | |
| F73 | Body Builder Electrical Centre ignition supply (30A) | (ND:3B) |
| F74 | Body Builder Electrical Centre ignition supply (20A) | (ND:2 B) |
| F75 | Refrigerator power supply | (IF:3 A) |
| F76 | - | |
| F77 | - | |
| F78 | - | |
| F79 | - | |
| F80 | LECM (Living Environment Control Module) power supply | (HA:0 A) |
| F81 | SRS (Security Restrain System) airbag ignition power supply | (PE:1 B) |
| F82 | - | |
| F83 | - | |
| F84 | - | |
| F85 | FMS (Fleet Management System) connector ignition power supply | (BX:2 A) |
| F86 | - | |
| F87 | - | |
| F88 | Alcolock power supply | (PH:1 B) |
| F89 | - | |
| F90 | Seat motor | (IT:3 A) |
| F91 | FMS connector power supply | (BX:3 A) |
| F92 | Tachograph, ADR (2020) | (AD:0 C/ AE:2 B) |
| F93 | Microwave oven (1000) | (IF:3 B) |
| F94 | ADR (2020) | (AA:0 D) |
| F95 | ADR (2020) | (AA:0 D) |

# Main fuse in battery box

| | | |
|---|---|---|
| FM1 | Body builder supply | AA:2 B) |
| FM2 | Cab, main power supply, | (AA:1 B) |
| FM3 | FCIOM power supply 1 | (AA:2 B) |
| FM4 | CCIOM power supply 1 | (AA:2 B) |
| FM5 | RCIOM power supply 1 | (AA:3 B) |
| FM6 | FCIOM power supply 2 | (AA:3 B) |
| FM7 | CCIOM power supply 2 | (AA:2 B) |
| FM8 | RCIOM power supply 2 | (AA:3 B) |
| FM9 | RASEC power supply | (AA:1 B) |
| FM10 | IPC power supply | (AA:4 B) |
| FM11 | ACM power supply | (AA:3 B) |
| FM12 | EAS power supply | (AA:2 B) |

# Relays




T3065102

| | | |
|---|---|---|
| K01 | - | |
| K02 | Relay, refrigerator | (IF:2 A) |
| K03 | Relay, sunroof motor 2 | (IU:1 B) |
| K04 | Relay, sunroof motor 1 | (IU:0 B) |
| K05 | Relay, front wiper on/off | (GP:0 B) |
| K06 | Relay, front wiper low/high | (GP:0 B) |
| K07 | Relay, body builder electrical center, power supply 2 | (ND:2 A/ ND1:3 B) |
| K08 | Relay, accessories | (IF:3 A) |
| K09 | Relay, seats heater | (IT:0 A) |
| K10 | Relay, body builder electrical center, extra spot lamps | (NF:0 A) |
| K11 | Relay, power supply 4 | (IG:2 A) |
| K12 | Relay, roof light sign | (NF:3 A) |
| K13 | Relay, beacon warning lamps | (NF:1 A) |
| K14 | Relay, power supply 3 | (IF:1 A) |
| K15 | Relay, full beam inside sign area | (NF:4 A) |
| K16 | Relay, headlight washer pump | (GP:1 B) |
| K17 | TECU | (DC;0 A) |
| K18 | - | |
| K19 | - | |
| K20 | Relay, BB ignition | (ND:3 A) |
| K21 | Relay, mirror heating | (IR:1 A/ IS:1 A |
| K22 | Relay, ignition | (BX:2 A) |
| K23 | - | |
| K24 | Relay, adjustable seat | (IT:3 A) |
| K25 | - | |
| K26 | - | |
| K27 | Relay, engine management system | (CA:3 A) |
| K28 | Relay, cab tilt pump | (KA:1 A) |
| K30 | Relay, tail lift enable/crane | (ND:2 C) |
| K31 | Relay, extra spot lamp front EL6 | (NE:0 B) |
| K32 | Relay, side reverse working lamp EL2 | (NE:1 B) |
| K33 | Relay, cab/body working lamp EL3 | (NE:3 B) |
| K34 | - | |
| K35 | - | |
| K48 | Power relay, engine preheating (3000) | (AA:2 D/ CB:1 A) |
| K52A | Power relay, FLL motor 1 | (BG:1 B) |
| K52B | Power relay, FLL motor 2 | (BG:1 B) |
| K65 | Relay, starter motor | (CB:2 B) |
| K69 | Relay, fuel heater | (HF:1 C) |
| K70A | Relay, ADR3/SLP (2020) | (AE:1 B) |
| K70B | Relay, ADR3/SLP (2020) | (AE:1 C) |
| K71 | Relay, audio switch telematics, L+ (1100) | (BU:1 D) |
| K90 | Relay | (NK:2 B) |
| K91 | Relay | (NK:3 B) |
| K92 | Relay | (NK:4 B) |
| K95 | Relay, microwave oven (1100) | (IF:3 C) |
| K96 | Relay | (ND2:3 B) |

# FRC (A01) connectors

## A01.CB1

| Pin no: | Circuit function | Wiring no: | Diagram |
|---|---|---|---|
| 3 | Cab tilt pump motor supply | 2131 | KA:1 B |
| 4 | Trailer ABS, EBS power supply | 2129 | GK:0 A/GL:1 A |

## A01.CB2

| Pin no: | Circuit function | Wiring no: | Diagram |
|---|---|---|---|
| 1 | Windscreen wiper high speed | 2104 | GP:1 B |
| 2 | Windscreen wiper park position signal | 0151 | GP:0 B |
| 3 | APM power supply | 2086 | FE:1 B |
| 4 | WRG power supply | 2083 | FB:2 B |
| 5 | Direct battery | 2037 | BG:1 A |
| 9 | Fuel filter heater power supply | 2047 | CA:1 B |
| 10 | Windscreen wiper low speed | 2103 | GP:0 B |
| 16 | Power supply | 2039 | PH:1 B |
| 18 | EMS load power supply 2 | 2046 | CA:2 B |
| 19 | Direct battery | 2055 | EA:0 A/EE:0 A |
| 20 | CCM power supply | 2108 | HA:1 B |
| 21 | Fuel heater relay supply | 2114 | HF:1 A |
| 22 | EMS power supply 1 | 2044 | CA:2 B |
| 23 | EMS load power supply 1 | 2045 | CA:2 B |
| 25 | Headlight washer pump supply | 2105 | GP:1 B |

## A01.CB3

| Pin no: | Circuit function | Wiring no: | Diagram |
|---|---|---|---|
| 1 | Refrigerator supply | 4004 | IF:2 B |
| 4 | Sunvisor and power recline supply | 2101 | IF:4 B |
| 5 | DACU power supply | 2121 | PA:0 A |
| 6 | Direct battery | 2040 | BU:0 A |
| 10 | SRS power supply | 2127 | PE;1 B |
| 11 | LECM power supply | 2107 | HA:0 B |
| 12 | VS power supply | 2091 | IO:0 A |
| 15 | Ignition | 2043 | BX:2 B |
| 16 | Seats movement | 2100 | IT:1 A |
| 18 | Direct battery | 2042 | BX:3 B |
| 19 | Amplifier supply | 2078 | IL:1 A |

## A01.CB4

| Pin no: | Circuit function | Wiring no: | Diagram |
|---|---|---|---|
| 1 | BBEC main C power supply | 8028 | ND:3 B |

## A01.CB5

| Pin no: | Circuit function | Wiring no: | Diagram |
|---|---|---|---|
| 1 | BBEC ignition supply | 8043 | ND:2 B |
| 2 | BBEC main power supply 2 | 8025 | ND:2 B |

## A01.CB6

| Pin no: | Circuit function | Wiring no: | Diagram |
|---|---|---|---|
| 1 | BBEC ignition power supply | 8027 | ND:3 B |
| 2 | BBEC main power supply 1 | 8026 | ND:3 B |

## A01.CB7

| Pin no: | Circuit function | Wiring no: | Diagram |
|---|---|---|---|
| 8 | Cab tilt enable switch | 2139 | KA:2 B |

## A01.CB8

| Pin no: | Circuit function | Wiring no: | Diagram |
|---|---|---|---|
| 6 | Parking air, water heater supply | 2110 | HC:1 A |
| 8 | TECU power supply | 2024 | DC:1 B |

## A01.CB9

| Pin no: | Circuit function | Wiring no: | Diagram |
|---|---|---|---|
| 1 | Ground | 1 | YF:1 D |

## A01.CB10

| Pin no: | Circuit function | Wiring no: | Diagram |
|---|---|---|---|
| 3 | 12V dashboard output | 4162 | IG:1 B |
| 4 | 24V power outlet supply 2 | 4006 | IF:1 B |
| 8 | BBM power supply | 2130 | NA:1 B |

## A01.CB11

| Pin no: | Circuit function | Wiring no: | Diagram |
|---|---|---|---|
| 1 | Coffe maker supply | 4002 | IF:3 B |

## A01.CB12

| Pin no: | Circuit function | Wiring no: | Diagram |
|---|---|---|---|
| 1 | Engine running | 2038 | IT:1 A |
| 3 | CIOM power supply | 2036 | BG:0 A |
| 4 | OBD interface power supply | 2120 | XA:2 B |
| 5 | HMIIOM power supply | 2027 | BA:1 A |
| 6 | Task light ckt | 6008 | IB:2 B |
| 9 | BBEC switch main power supply | 8023 | ND:2 A |
| 10 | Engine running | 2038 | IT:3 A |
| 11 | Alarm power supply | 2128 | RA:0 B |
| 12 | Instrument cluster power supply | 2028 | BA:2 A |
| 13 | SID power supply | 2029 | IO:2 A |
| 16 | Mirror power supply passenger | 2095 | IS:1 A |
| 17 | Mirror power supply driver | 2093 | IQ:2 B/IR:1 A |
| 18 | 12V dashboard socket supply | 4015 | IG:1 B |
| 19 | DDM power supply/window lift with antipinch supply | 2092 | IR:0 A |
| 20 | PDM power supply/window lift with antipinch supply | 2094 | IS:0 A |
| 21 | DC/DC converter supply | 4163 | IG:0 B |
| 23 | 24V power outlet supply 1 | 4005 | IF:1 B |
| 24 | Cigarette lighter supply | 4007 | IF:0 B |
| 25 | Parking air, water heater supply | 2110 | HC:1 A |

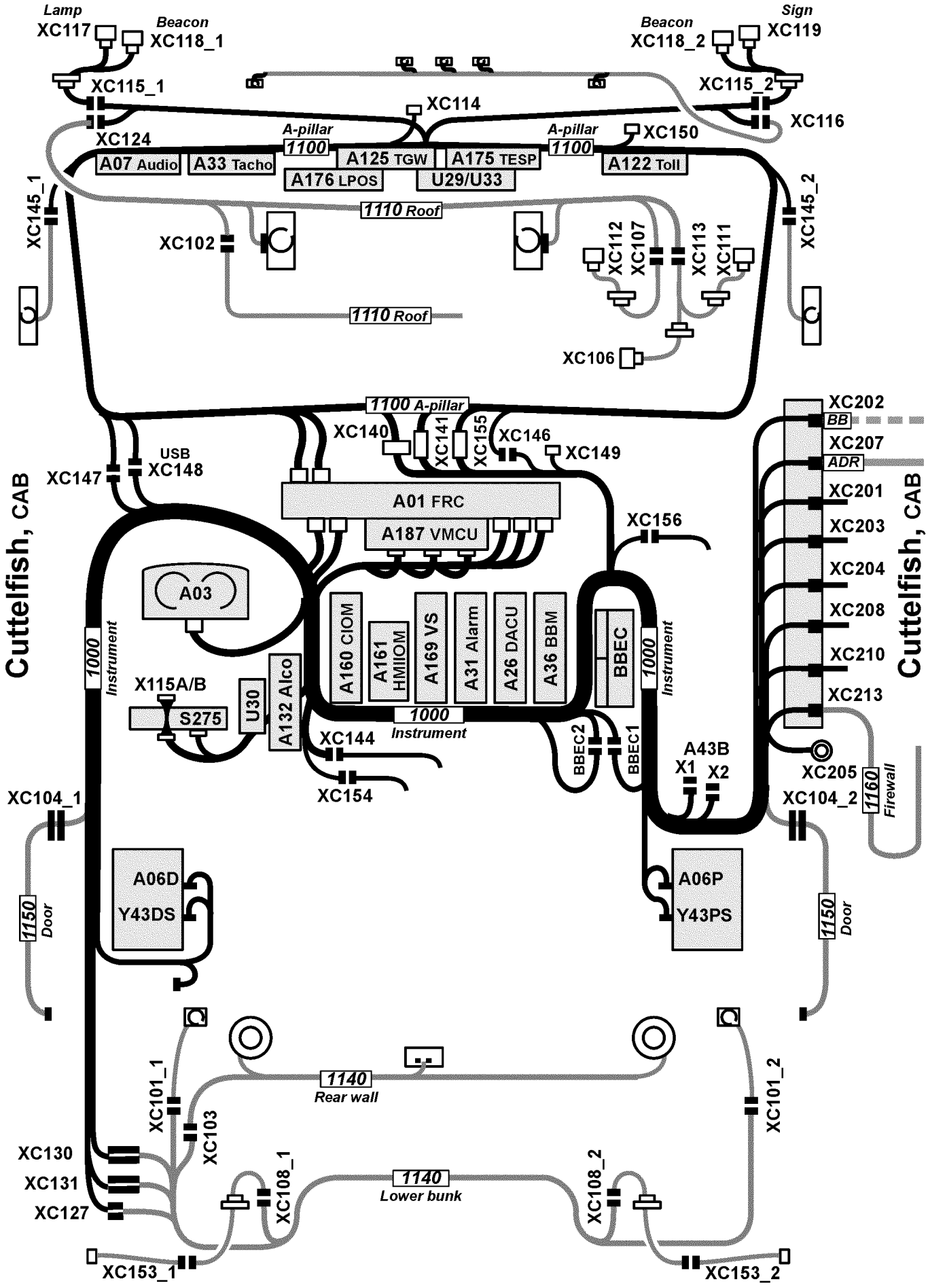
## A01.CT1

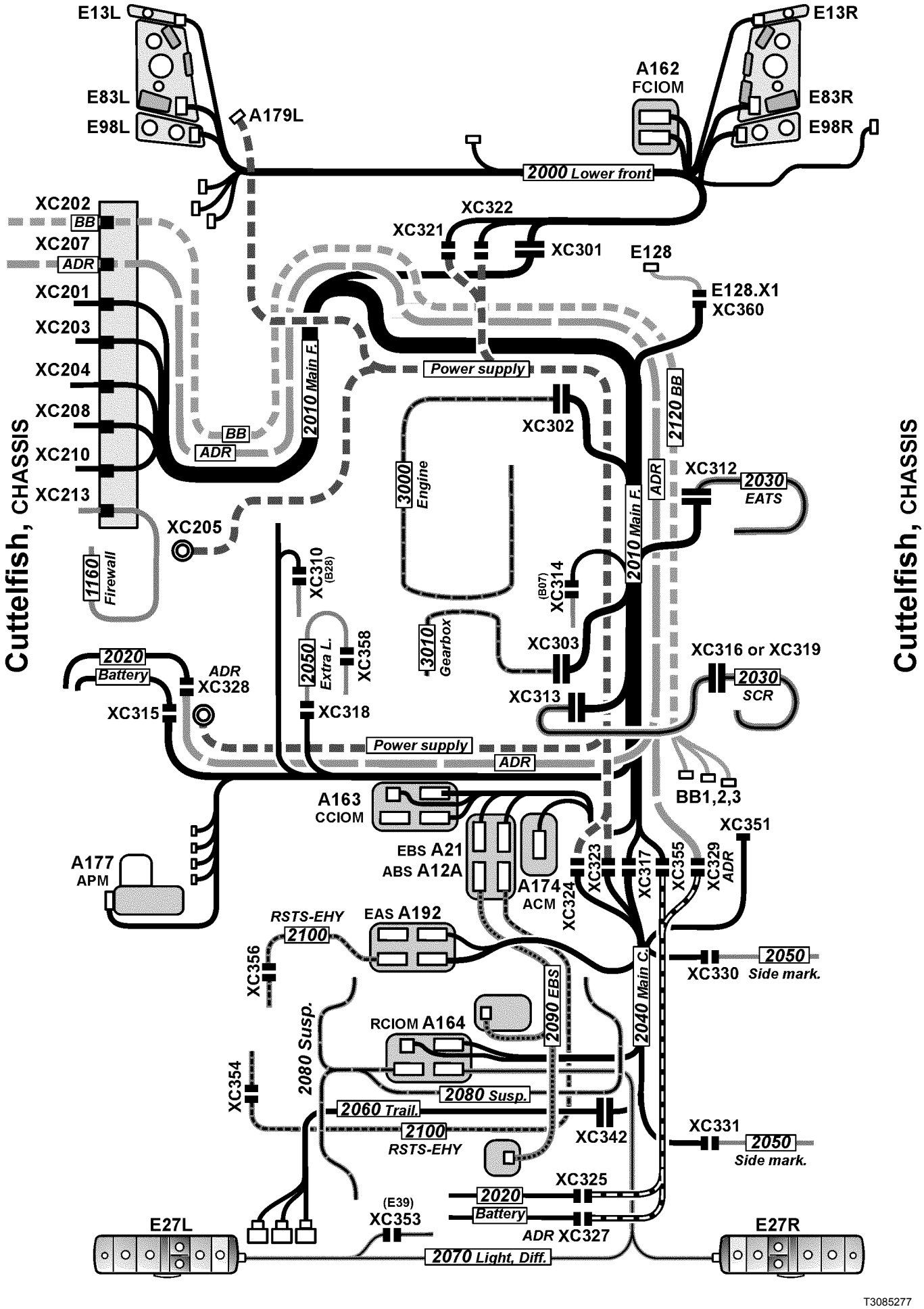
| Pin no: | Circuit function | Wiring no: | Diagram |
|---|---|---|---|
| 1 | Accessories signal | 4014 | IG:2 B |
| 2 | Ground | 1 | AD:3 B/GF:3 A |
| 3 | Sunroof motor signal 2 | 4158 | IU:1 B |
| 4 | Sunroof motor signal 1 | 4157 | IU:1 B |
| 5 | Main power supply 1 | 2157 | BC:1 A |
| 6 | Backlight | 6000 | AD:3 A/GF:3 A |
| 9 | Position light circuit supply | 3047 | GF:2 A |
| 10 | Key ignition | 2138 | BC:2 A |
| 11 | Ground | 1 | YF:0 C |
| 12 | Ground | 1 | YF:1 C |
| 13 | Ignition signal | 2020 | BX:0 B |
| 14 | Ignition signal | 2020 | HF:1 A |
| 15 | Night driving light Ckt | 6006 | IA:0 A |
| 16 | Backlight | 6000 | BX:0 B/IQ:2 B |
| 17 | Task light ckt | 6008 | IA:2 A |
| 18 | Speed pulse | 2137 | BC:1 A |
| 19 | Ground | 1 | YF:0 C |
| 21 | Ground | 1 | IU:3 B |
| 22 | EL1 extra spot lamp power supply | 8062 | NF:0 A |
| 23 | Resting light ckt 2 | 6005 | IA:0 A |
| 24 | Backlight | 6000 | IU:2 B |
| 25 | Resting light ckt 1 | 6007 | IA:1 A |
| 26 | Sunvisor and power recline supply | 2101 | IU:3 B |
| 27 | Full beam lamp supply | 8065 | NF:4 A |
| 28 | Accessory supply | 4012 | IG:3 B |
| 31 | Max light Ckt 2 | 6012 | IA:3 A |
| 32 | Beacon lamp power supply | 8063 | NF: 1 A |
| 33 | Direct battery | 2040 | BU:0 A |
| 34 | Direct battery | 2041 | BX: 0 B |
| 35 | Max light Ckt 1 | 6011 | IA:1 A |
| 36 | Roof light sign EL5 power supply | 8064 | NF:3 A |

## A01.CT2

| Pin no: | Circuit function | Wiring no: | Diagram |
|---|---|---|---|
| 2 | DC/DC converter power supply | 4011 | IG:2 B |
| 4 | DC/DC output supply | 4161 | IG:2 B |

# Wiring harness layout




E13L
E83L
E98L
A179L
A162
FCIOM
E13R
E83R
E98R
2000 Lower front
XC202
BB
XC207
ADR
XC201
XC203
XC204
XC208
XC210
XC213
Cuttelfish, CHASSIS
XC322
XC321
XC301
E128
E128.X1
XC360
2010 Main F.
Power supply
XC302
2120 BB
3000 Engine
XC312
2030 EATS
XC205
1160 Firewall
XC310 (B28)
XC314 (B07)
3010 Gearbox
XC303
XC316 or XC319
2030 SCR
2020 Battery
XC328
2050 Extra L.
XC358
XC315
XC318
XC313
BB1,2,3
A163 CCIOM
XC351
A177 APM
EBS A21
ABS A12A
A174 ACM
XC323
XC317
XC355
XC329
XC324
RSTS-EHY 2100
EAS A192
XC356
2050 Side mark.
XC330
2090 EBS
2040 Main C.
RCIOM A164
2080 Susp.
XC354
2060 Trail.
2100 RSTS-EHY
XC342
XC331
2050 Side mark.
XC325
2020 Battery
(E39)
XC353
ADR XC327
E27L
E27R
2070 Light, Diff.
T3085277

# Ground connections

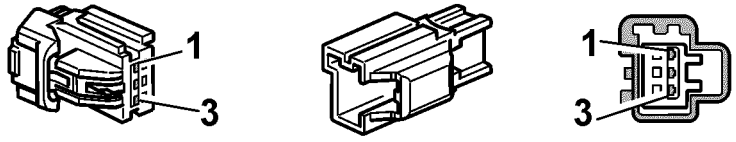
## List of ground connections


| | | | |
|---|---|---|---|
| 1.0_1 | (YD:4 A) “ ”, page 125 | 5.5_2 | (YB:0 D) “ ”, page 125 |
| 1.1 | (YN:2 D) “ ”, page 125 | 5.5_3 | (YB:2 D) “ ”, page 125 |
| 1.10 | (YK:4 D) “ ”, page 147 | 5.5_4 | (HB:1 D) “ ”, page 125 |
| 1.11 | (YK:4 D) “ ”, page 147 | 5.6_1 | (YB:3 D) “ ”, page 185 |
| 1.12 | (YN:3 D) “ ”, page 125 | 5.6_2 | (YB:4 D) “ ”, page 185 |
| 1.2 | (YN:1 D) “ ”, page 159 | 5.7_1 | (YB:3 D) “ ”, page 186 |
| 1.3 | (YM:1 D) “ ”, page 155 | 5.7_2 | (YB:3 D) “ ”, page 186 |
| 1.4 | (YH:2 D) “ ”, page 143 | 5.8_1 | (AA:1 E) “ ”, page 126 |
| 1.4_2 | (YF:1 D) “ ”, page 143 | 5.10_1 | (AE:1 D) “ ”, page 125 |
| 1.5 | (YG:2 D) “ ”, page 143 | | |
| 1.6 | (YF:3 D) “ ”, page 143 | | |
| 1.8 | (YK:2 D) “ ”, page 147 | | |
| 1.8 | (YK_RHD:1 E) “ ”, page 147 | | |
| 1.9 | (YK_RHD:3 E) “ ”, page 151 | | |
| 3.1 | (AA:2 D) “ ”, page 125 | | |
| 5.0_1 | (HB:4 E) “ ”, page 125 | | |
| 5.1_1 | (YD:2 D) “ ”, page 125 | | |
| 5.1_2 | (YD:1 D) “ ”, page 125 | | |
| 5.1_5 | (YD:3 D) “ ”, page 125 | | |
| 5.2_1 | (YD:4 D) “ ”, page 125 | | |
| 5.3_1 | (YA:0 D) “ ”, page 125 | | |
| 5.3_2 | (YA:1 D) “ ”, page 125 | | |
| 5.3_3 | (YA:3 D) “ ”, page 125 | | |
| 5.3_4 | (YA:4 D) “ ”, page 125 | | |
| 5.4_2 | (AA:2 E) “ ”, page 125 | | |
| 5.5_1 | (YB:0 D) “ ”, page 125 | | |

https://truckmanualshub.com/

# List of connectors

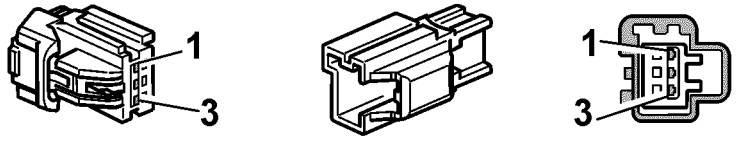
## XC101_1




T3071137

| Pin no: | Circuit function | Wiring no: | Diagram |
|---|---|---|---|
| 1 | Task light ckt | 6008 | IB:2 C |
| 2 | Max light Ckt 2 | 6012 | IB:2 C |
| 3 | Ground | 1 | IB:2 D |

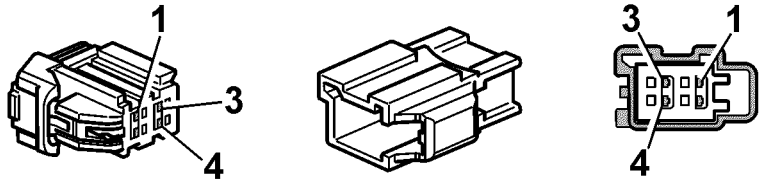
## XC101_2




T3071137

| Pin no: | Circuit function | Wiring no: | Diagram |
|---|---|---|---|
| 1 | Task light ckt | 6008 | IB:3 C |
| 2 | Max light Ckt 2 | 6012 | IB:3 C |
| 3 | Ground | 1 | IB:3 D |

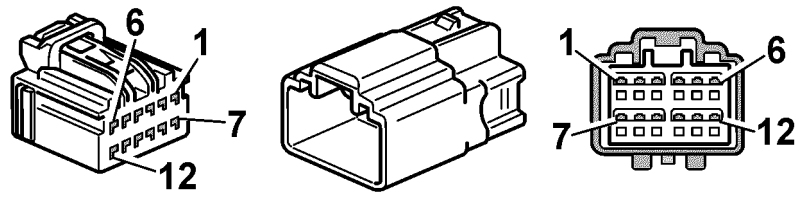
## XC102




T3071138

| Pin no: | Circuit function | Wiring no: | Diagram |
|---|---|---|---|
| 1 | Task light ckt | 6008 | IB:3 B |
| 2 | Ground | 1 | IB:3 D |
| 3 | Ground | 1 | IF:2 D |
| 4 | Refrigerator supply | 4004 | IF:2 C |

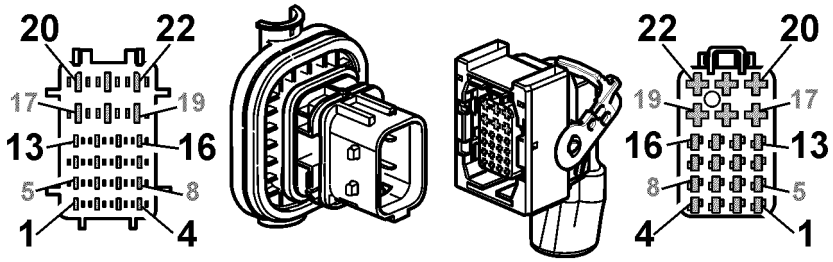
## XC103




T3071127

| Pin no: | Circuit function | Wiring no: | Diagram |
|---|---|---|---|
| 1 | LECM power supply | 2107 | HA:0 B |
| 1 | CIOM 12V output 1 power supply | 7085 | SK:3 C |
| 2 | Ground | 1 | HA:0 C |
| 2 | CIOM LIN5 bus | 7098 | SK:3 C |
| 3 | Cab subnet low | 7023 | SC:2 B |
| 3 | CIOM LIN5 ground | 7099 | SK:3 C |
| 4 | Cab subnet high | 7022 | SC:3 B |
| 5 | Radio audio Rear Left loudspeaker + | 4037 | IK:2 D/IL:2 C |
| 6 | Radio audio Rear Left loudspeaker – | 4038 | IK:2 D/IL:2 C |
| 7 | Radio audio Rear Right loudspeaker + | 4039 | IK:2 D/IL:2 C |
| 8 | Radio audio Rear Right loudspeaker – | 4040 | IK:2 D/IL:2 C |

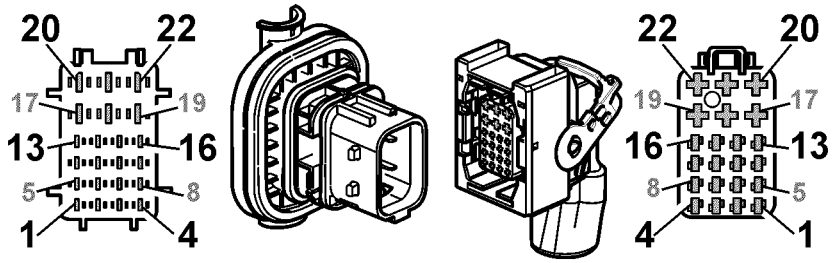
## XC104_1




T3071142

| Pin no: | Circuit function | Wiring no: | Diagram |
|---|---|---|---|
| 3 | Security subnet high | 7081 | IR:0 C |
| 4 | Security subnet low | 7082 | IR:0 C |
| 7 | Mirror power supply driver | 2093 | IQ:2 C/IR:1 B |
| 8 | Night driving light CKt | 6016 | IC:2 C |
| 9 | Resting light ckt 1 | 6007 | IC:3 C |
| 10 | Ground | 1 | IR:1 D |
| 17 | Ground | 1 | IR:1 D |
| 18 | DDM power supply / window lift with antipinch supply | 2092 | IR:0 C |
| 19 | Radio audio front Left loudspeaker + | 4033 | IK:1 D/IL1 D |
| 20 | Radio audio front Left loudspeaker – | 4034 | IK:1 D/IL1 D |
| 22 | Ground | 1 | IR:1 D |

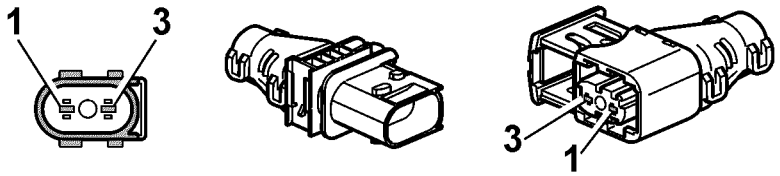
## XC104_2




T3071142

| Pin no: | Circuit function | Wiring no: | Diagram |
|---|---|---|---|
| 3 | Security subnet high | 7081 | IS:0 C |
| 4 | Security subnet low | 7082 | IS:0 C |
| 7 | Mirror power supply passenger | 2095 | IS:1 B |
| 8 | Night driving light CKt | 6016 | IC:3 C |
| 9 | Resting light ckt 1 | 6007 | IC:3 C |
| 10 | Ground | 1 | IS:1 D |
| 17 | Ground | 1 | IS:1 D |
| 18 | PDM power supply / window lift with antipinch supply | 2094 | IS:0 B |
| 19 | Radio audio front Right loudspeaker + | 4035 | IK:2 D |
| 19 | Radio audio front Left loudspeaker + | 4033 | IL:1 D |
| 20 | Radio audio front Right loudspeaker – | 4036 | IK:2 D |
| 20 | Radio audio front Left loudspeaker – | 4034 | IL:1 D |
| 22 | Ground | 1 | IS:1 D |

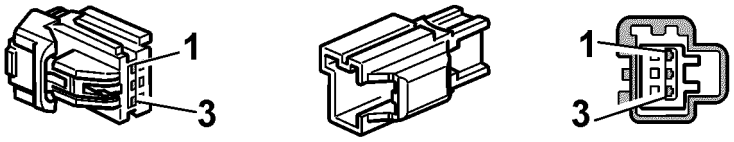
## XC106




T3071119

| Pin no: | Circuit function | Wiring no: | Diagram |
|---|---|---|---|
| 1 | Cab body working lamp power supply | 8061 | NE:3 C |
| 3 | Ground | 1 | NE:3 C |

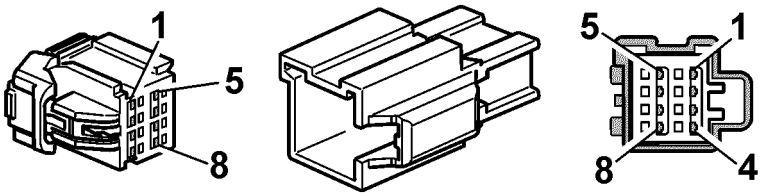
## XC107




T3071137

| Pin no: | Circuit function | Wiring no: | Diagram |
|---|---|---|---|
| 1 | BBEC parking lamp SPOTP-R signal | 8058 | NF:0 D |
| 2 | Ground | 1 | NF:0 D |
| 3 | EL1 extra spot lamp power supply | 8062 | NF:0 D |

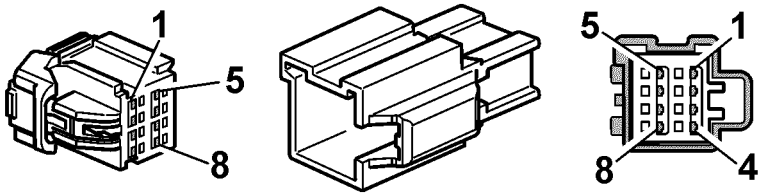
## XC108_1




T3071139

| Pin no: | Circuit function | Wiring no: | Diagram |
|---|---|---|---|
| 1 | ADR main switch closing request | 0006 | AD:3 B |
| 2 | ADR main switch closing request | 0007 | AD:3 B |
| 3 | ADR main switch closing request | 0006 | AD:2 D |
| 4 | ADR main switch closing request | 0007 | AD:2 D |
| 5 | Cab body working lamp power supply | 8061 | NE:3 C |
| 5 | Side sensor + 12V | 2125 | PA:2 C |
| 6 | Ground | 1 | NE:3 D |
| 6 | Side sensor ground | 1053 | PA:2 C |
| 7 | Active safety propriatery subnet 1 high | 7026 | PA:2 D |
| 8 | Active safety propriatery subnet 1 low | 7027 | PA:2 D |

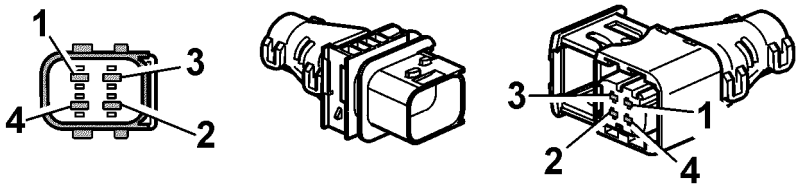
# XC108_2




T3071139

| Pin no: | Circuit function | Wiring no: | Diagram |
|---|---|---|---|
| 1 | ADR main switch closing request | 0006 | AD:3 C |
| 2 | ADR main switch closing request | 0007 | AD:3 C |
| 3 | ADR main switch closing request | 0006 | AD:2 D |
| 4 | ADR main switch closing request | 0007 | AD:2 D |
| 5 | Cab body working lamp power supply | 8061 | NE:3 C |
| 5 | Side sensor + 12V | 2125 | PA:2 C |
| 6 | Ground | 1 | NE:3 D |
| 6 | Side sensor ground | 1053 | PA:2 C |
| 7 | Active safety propriatery subnet 1 high | 7026 | PA:2 D |
| 8 | Active safety propriatery subnet 1 low | 7027 | PA:2 D |

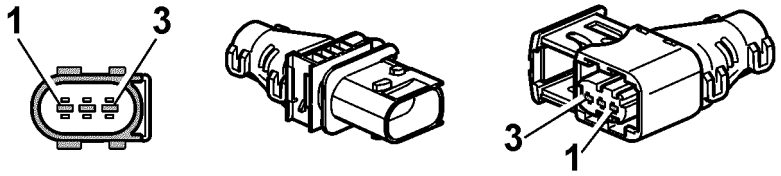
## XC111




T3071144

| Pin no: | Circuit function | Wiring no: | Diagram |
|---|---|---|---|
| 1 | Cab body working lamp power supply | 8061 | NE:3 C |
| 2 | Ground | 1 | NE:2 C |
| 3 | Beacon lamp power supply | 8063 | NE:2 C |
| 4 | Ground | 1 | NE:2 C |

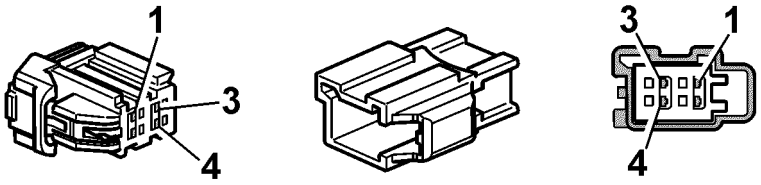
## XC112




T3071121

| Pin no: | Circuit function | Wiring no: | Diagram |
|---|---|---|---|
| 1 | EL1 extra spot lamp power supply | 8062 | NF:0 D |
| 2 | BBEC parking lamp SPOTP-R signal | 8058 | NF:0 D |
| 3 | Ground | 1 | NF:0 D |

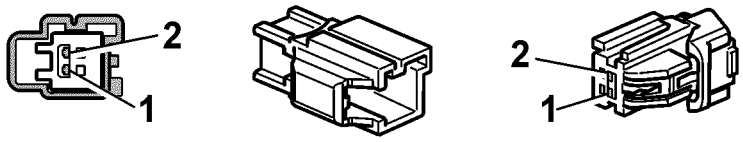
## XC113




T3071138

| Pin no: | Circuit function | Wiring no: | Diagram |
|---|---|---|---|
| 1 | Cab body working lamp power supply | 8061 | NE:3 C |
| 2 | Ground | 1 | NE:2 C |
| 3 | Beacon lamp power supply | 8063 | NF:2 B |
| 4 | Ground | 1 | NF:2 B |

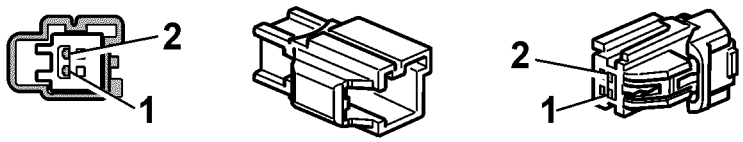
## XC114_1




T3071136

| Pin no: | Circuit function | Wiring no: | Diagram |
|---|---|---|---|
| 1 | Task light ckt | 6008 | IA:2 B |
| 2 | Frontshelf compartent switch 3 contact | 6025 | IA:2 C |

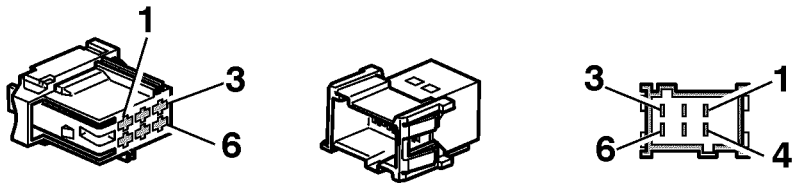
## XC114_2




T3071136

| Pin no: | Circuit function | Wiring no: | Diagram |
|---|---|---|---|
| 1 | Task light ckt | 6008 | IA:2 B |
| 2 | Frontshelf compartent switch 3 contact | 6025 | IA:2 C |

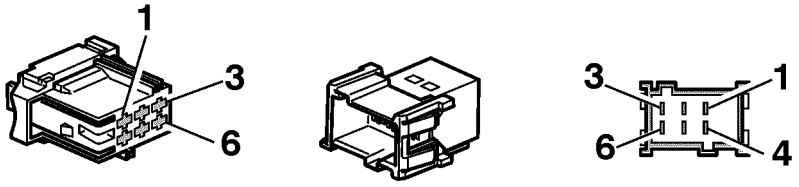
## XC115_1




T3019918

| Pin no: | Circuit function | Wiring no: | Diagram |
|---|---|---|---|
| 1 | Beacon lamp power supply | 8063 | NF:1 B |
| 2 | Ground | 1 | NF:1 B |
| 3 | EL1 extra spot lamp power supply | 8062 | NF:0 B |
| 4 | Ground | 1 | NF:0 B |
| 6 | BBEC parking lamp SPOTP-R signal | 8058 | NF:0 B |

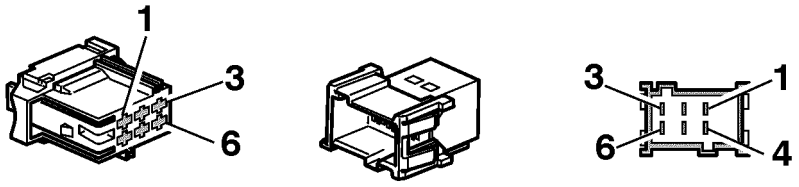
## XC115_2




T3019918

| Pin no: | Circuit function | Wiring no: | Diagram |
|---|---|---|---|
| 1 | Beacon lamp power supply | 8063 | NF:2 B |
| 2 | Ground | 1 | NF:1 B |
| 5 | Roof light sign EL5 power supply | 8064 | NF:3 B |
| 6 | Ground | 1 | NF:3 B |

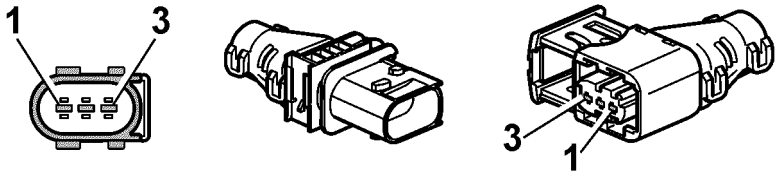
## XC116




T3019918

| Pin no: | Circuit function | Wiring no: | Diagram |
|---|---|---|---|
| 3 | Ground | 1 | GF:1 C |
| 4 | Position light circuit supply | 3047 | GF:2 C |
| 5 | Ground | 1 | GF:1 C |
| 6 | Roof light sign EL5 power supply | 8064 | GF:1 C |

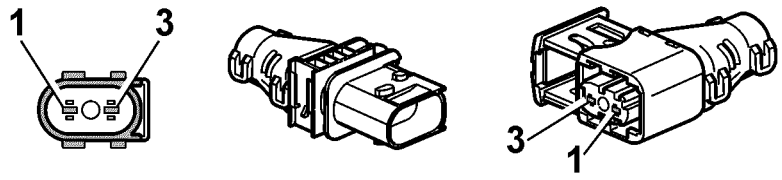
## XC117




T3071121

| Pin no: | Circuit function | Wiring no: | Diagram |
|---|---|---|---|
| 1 | EL1 extra spot lamp power supply | 8062 | NF:B D |
| 2 | BBEC parking lamp SPOTP-R signal | 8058 | NF:B D |
| 3 | Ground | 1 | NF:B D |

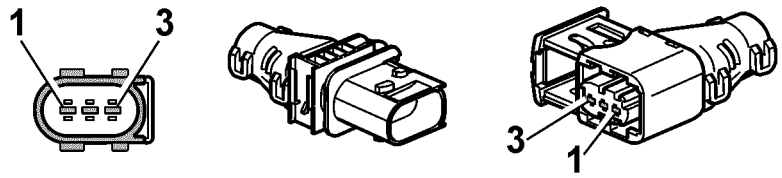
## XC118




T3071119

| Pin no: | Circuit function | Wiring no: | Diagram |
|---|---|---|---|
| 1 | Beacon lamp power supply | 8063 | NF:1 B/NF:2 B |
| 3 | Ground | 1 | NF:1 B/NF:1 B |

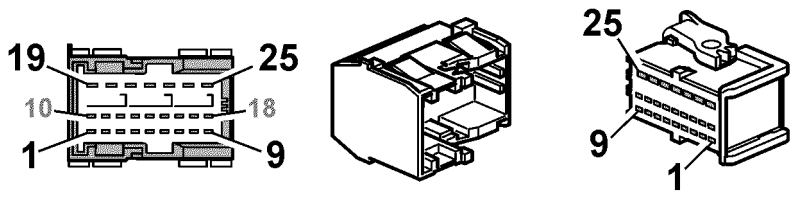
## XC119




T3071121

| Pin no: | Circuit function | Wiring no: | Diagram |
|---|---|---|---|
| 1 | Roof light sign EL5 power supply | 8064 | NF:3 B |
| 3 | Ground | 1 | NF:3 B |

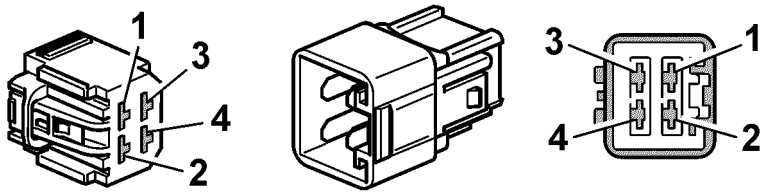
## XC124




T3071131

| Pin no: | Circuit function | Wiring no: | Diagram |
|---|---|---|---|
| 2 | Converter 12V ground | 1069 | IN:1 D |
| 3 | Cab body working lamp power supply | 8061 | NE:3 B |
| 4 | Max light Ckt 2 | 6012 | IA:4 B |
| 5 | (UIP) MDD 12V supply | 5023 | RA:2 C |
| 6 | (UIP) MDD 12V ground | 5025 | RA:2 C |
| 7 | (UIP) MDD 12V LIN | 5024 | RA:2 C |
| 8 | Max light Ckt 1 | 6011 | IA:1 C |
| 9 | Full beam lamp supply | 8065 | NF:4 B |
| 10 | Beacon lamp power supply | 8063 | NF:2 B |
| 11 | Refrigerator supply | 4004 | IF:2 B |
| 12 | Position light circuit supply | 3047 | GF:0 B |
| 13 | Position light circuit supply | 3047 | GF:2 B |
| 14 | Aux IN-1 audio right | 4022 | IN:1 B |
| 15 | Aux IN-1 audio left | 4021 | IN:1 B |
| 16 | Aux IN-1 audio diagnostic | 4024 | IN:1 B |
| 17 | Aux IN-1 audio common | 4023 | IN:1 B |
| 19 | Sunroof motor signal 1 | 4157 | IU:1 C |
| 20 | Sunroof motor signal 2 | 4158 | IU:1 C |
| 21 | Task light ckt | 6008 | IB:3 B |
| 22 | TV/DVD supply | 4012 | IN:1 B |
| 23 | Ground | 1 | NF:0 C |
| 24 | EL1 extra spot lamp power supply | 8062 | NF:0 C |
| 25 | BBEC parking lamp SPOTP-R signal | 8058 | NF:0 C |

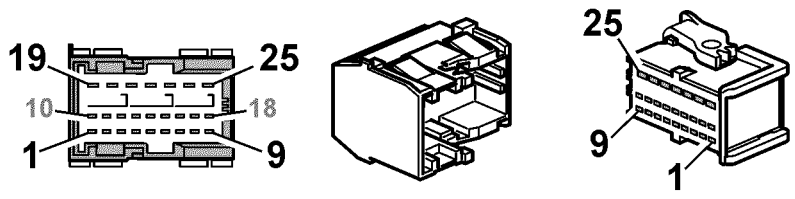
## XC127




T3080327

| Pin no: | Circuit function | Wiring no: | Diagram |
|---|---|---|---|
| 1 | Amplifier supply | 2078 | IL:1 A |
| 2 | Coffe maker supply | 4002 | IF:3 B |

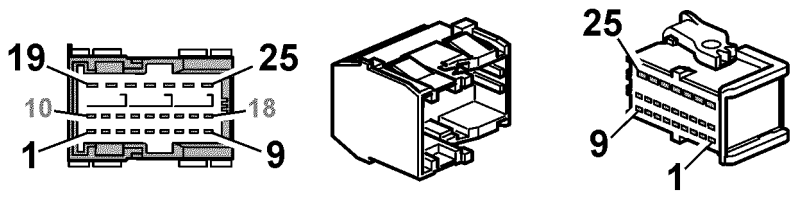
# XC130




T3071131

| Pin no: | Circuit function | Wiring no: | Diagram |
|---|---|---|---|
| 1 | Max light Ckt 2 | 6012 | IB:1 B |
| 2 | Luggage compartment switch status | 5009 | BG:1 D |
| 3 | Fuel dosing pump 1 + supply | 2111 | HD:1 B |
| 4 | Fuel dosing pump 2 (-) | 1048 | HD:1 B |
| 5 | Climate control LIN 12V supply | 7066 | HD:2 B |
| 6 | LECM power supply | 2107 | HA:0 B |
| 6 | CIOM 12V output 1 power supply | 7085 | SK:3 C |
| 7 | CIOM LIN 5 ground | 7099 | SK:3 C |
| 8 | Cab subnet high | 7022 | SC:2 C |
| 8 | CIOM LIN 5 bus | 7098 | SK:3 C |
| 9 | Cab subnet low | 7023 | SC:2 C |
| 10 | Task light ckt | 6008 | IB:2 B |
| 11 | Ground | 1 | HA:0 D |
| 12 | Active safety propriatery subnet 1 high | 7026 | PA:2 C/PA:2 D |
| 13 | Active safety propriatery subnet 1 low | 7027 | PA:3 C/PA:3 D |
| 14 | Cab tilt feedback | 0016 | KA:3 B |
| 15 | Electronic ground | 1070 | KA:3 D |
| 16 | Climate control communication LIN | 7067 | HD:2 B |
| 17 | Cab subnet high | 7022 | SC:3 C |
| 18 | Cab subnet low | 7023 | SC:3 C |
| 19 | 24V power outlet supply 2 | 4006 | IF:1 B |
| 20 | Refrigerator supply | 4004 | IF:2 B |
| 21 | Parking air, water heater supply | 2110 | HD:1 B |
| 22 | Sunvisor and power recline supply | 2101 | IF:4 B |
| 23 | Cab body working lamp power supply | 8061 | NE:3 B |
| 24 | Amplifier wake up | 0149 | IL:3 A |

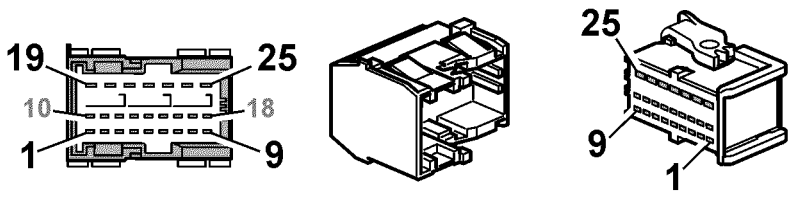
# XC131




T3071131

| Pin no: | Circuit function | Wiring no: | Diagram |
|---|---|---|---|
| 1 | Radio audio front left amplifier + | 4041 | IL:1 A |
| 2 | Radio audio front left amplifier – | 4042 | IL:1 A |
| 3 | Radio audio front right amplifier + | 4043 | IL:2 A |
| 4 | Radio audio front right amplifier – | 4044 | IL:2 A |
| 5 | Active safety propriatery subnet 1 high | 7026 | PA:3 D |
| 6 | ADR main switch closing request | 0006 | AD:3 B |
| 7 | ADR main switch closing request | 0006 | AD:2 D |
| 8 | Radio audio rear right loudspeaker – | 4040 | IL:2 C |
| 9 | Radio audio front right amplifier + | 4043 | IL:2 C |
| 10 | Radio audio rear left amplifier + | 4045 | IL:2 A |
| 11 | Radio audio rear left amplifier – | 4046 | IL:2 A |
| 12 | Radio audio rear right amplifier + | 4047 | IL:2 A |
| 13 | Radio audio rear right amplifier – | 4048 | IL:2 A |
| 14 | Active safety propriatery subnet 1 low | 7027 | PA:3 D |
| 15 | ADR main switch closing request | 0007 | AD:3 B |
| 16 | ADR main switch closing request | 0007 | AD:2 D |
| 17 | Radio audio front left loudspeaker – | 4034 | IL:2 C |
| 18 | Radio audio front right loudspeaker – | 4036 | IL:2 C |
| 19 | APM redundancy power supply | 2125 | PA:2 C |
| 20 | Side sensor ground | 1053 | PA:2 C |
| 21 | Shield Low Level Signals Audio unit Amplifier | 1076 | IL:3 A |
| 22 | Radio audio rear right loudspeaker – | 4040 | IK:2 C |
| 22 | Radio audio front right loudspeaker – | 4036 | IL:1 C |
| 23 | Radio audio rear right loudspeaker + | 4039 | IK:2 C |
| 23 | Radio audio front right loudspeaker + | 4035 | IL:1 C |
| 24 | Radio audio rear left loudspeaker – | 4038 | IK:2 C |
| 24 | Radio audio front left loudspeaker – | 4034 | IL:1 C |
| 25 | Radio audio rear left loudspeaker + | 4037 | IK:2 C |
| 25 | Radio audio front left loudspeaker + | 4033 | IL:1 C |

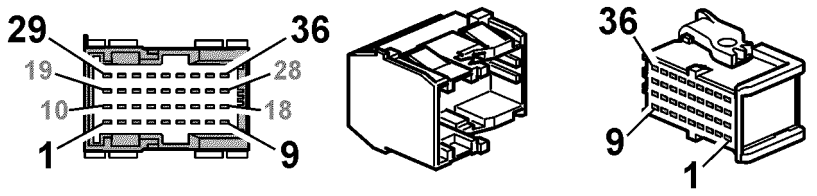
# XC140




T3071131

| Pin no: | Circuit function | Wiring no: | Diagram |
|---|---|---|---|
| 1 | CIOM 12V output 2 power supply | 7086 | SK:0 B |
| 2 | CIOM LIN1 bus | 7106 | SK:0 B |
| 3 | CIOM LIN1 ground | 7107 | SK:0 B |
| 4 | Cab subnet high | 7022 | SC:2 C |
| 5 | Cab subnet low | 7023 | SC:2 C |
| 6 | Digital signal IO | 2032 | BC:2 C |
| 7 | Backbone 1high | 7004 | SA:0 B |
| 8 | FMS subnet high | 7014 | BC:2 C |
| 9 | Infotainment subnet low | 7009 | SE:2 C |
| 10 | Defog sensor supply | 7064 | HA:3 C |
| 11 | Defog sensor LIN | 7063 | HA:3 C |
| 12 | Defog sensor ground | 7065 | HA:3 C |
| 13 | Tachograph speedometer supply | 2031 | BC:1 C |
| 14 | Speed signal real time | 0012 | BC:2 C |
| 15 | Electronic ground | 1070 | BC:2 C |
| 16 | Backbone 1 low | 7005 | SA:0 B |
| 17 | FMS subnet low | 7015 | BC:3 C |
| 18 | Infotainment subnet high | 7008 | SE:2 C |
| 19 | Cab subnet low | 7023 | SC:1 C |
| 20 | Cab subnet high | 7022 | SC:1 C |
| 21 | ADR tacho power supply | 2022 | BC:0 B/BC:0 D |
| 22 | Audio supply | 4013 | IG:0 C |
| 23 | WRG power supply | 2083 | FB:2 B |
| 24 | Ground | 1 | BC:0 D |
| 25 | Ground | 1 | FB:2 B |

# XC141

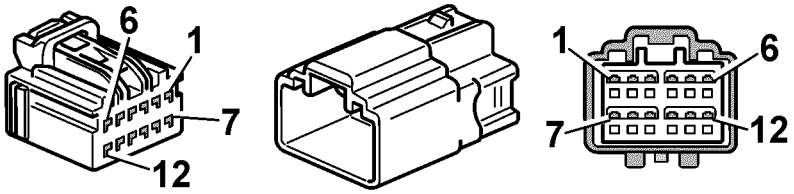



T3071134

| Pin no: | Circuit function | Wiring no: | Diagram |
|---|---|---|---|
| 1 | Active safety proprietary subnet 2 high | 7073 | PA:1 C |
| 2 | Active safety proprietary subnet 2 low | 7074 | PA:1 C |
| 3 | (UIP) MDD ground | 5025 | RA:3 C |
| 4 | (UIP) MDD LIN | 5024 | RA:2 C |
| 5 | (UIP) MDD 12V supply | 5023 | RA:2 C |
| 6 | Emergency assistance switch status | 0028 | BU:3 C |
| 7 | Emergency assistance LED | 3002 | BU:3 C |
| 8 | LIN IR receiver | 7034 | BU:0 D |
| 9 | IR receiver ground | 7035 | BU:0 D |
| 10 | Active safety proprietary subnet 2 high | 7073 | PA:1 D |
| 11 | Active safety proprietary subnet 2 low | 7074 | PA:1 D |
| 12 | Shield Low Level Signals Audio unit Amplifier | 1076 | IK:3 C |
| 13 | LPOS ground | 1052 | PA:0 A |
| 14 | ADR tacho power supply | 2122 | PA:0 A |
| 15 | Radio audio rear left loudspeaker + | 4037 | IK:2 C |
| 15 | Radio audio rear left amplifier + | 4045 | IK:3 C |
| 16 | Radio audio rear left loudspeaker - | 4038 | IK:2 C |
| 16 | Radio audio rear left amplifier - | 4046 | IK:3 C |
| 17 | Radio audio rear right loudspeaker + | 4039 | IK:2 C |
| 17 | Radio audio rear right amplifier + | 4047 | IK:3 C |
| 18 | Radio audio rear right loudspeaker - | 4040 | IK:2 C |
| 18 | Radio audio rear right amplifier - | 4048 | IK:3 C |
| 19 | Refrigerator supply | 4004 | IF:2 B |
| 20 | Amplifier wake up | 0149 | IK:3 C |
| 21 | BBEC parking lamp SPOTP-R signal | 8058 | NF;0 C/NF:0 D |
| 22 | Radio audio front left loudspeaker + | 4033 | IK:1 C |
| 22 | Radio audio front left amplifier + | 4041 | IK:2 C |
| 23 | Radio audio front left loudspeaker - | 4034 | IK:1 C |
| 23 | Radio audio front left amplifier - | 4042 | IK:3 C |
| 24 | Radio audio front right loudspeaker + | 4035 | IK:2 C |
| 24 | Radio audio front right amplifier + | 4043 | IK:3 C |
| 25 | Radio audio front right loudspeaker - | 4036 | IK:2 C |
| 25 | Radio audio front right amplifier - | 4044 | IK:3 C |

| | | | |
|---|---|---|---|
| 28 | Fuel heater switch signal | 2116 | HF:1 C |
| 29 | Electronic ground | 1070 | HF:1 C |
| 30 | LCS LED indicator supply | 2124 | PA:3 C |
| 31 | 12V dashboard socket supply | 4015 | IG:1 D |
| 32 | Converter 12V ground | 1069 | IG:1 D |
| 33 | Backlight | 6000 | HF:1 B |
| 34 | Cab body working lamp power supply | 8061 | NE:3 B |
| 35 | Direct battery | 2040 | BU:0 B |
| 36 | Alarm indicator status LED | 5019 | RA:1 B |

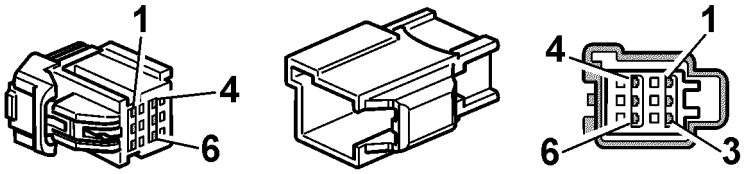
## XC144




T3071127

| Pin no: | Circuit function | Wiring no: | Diagram |
|---|---|---|---|
| 1 | Climate control LIN supply | 7058 | HA:1 C |
| 2 | Climate control panel ground | 7059 | HA:1 C |
| 3 | Climate control LIN | 7057 | HA:1 C |
| 4 | CIOM 12V output 2 power supply | 7086 | SK:1 B |
| 5 | CIOM LIN2 bus | 7104 | SK:1 B |
| 6 | CIOM LIN2 ground | 7105 | SK:1 B |
| 7 | HMIIOM LIN15 comm supply | 7092 | SL:2 C |
| 8 | HMIIOM LIN13 comm ground | 7094 | SL:2 C |
| 9 | HMIIOM LIN13 comm LIN | 7093 | SL:2 C |
| 10 | IR receiver ground | 7035 | SL:3 C |
| 11 | LIN IR receiver | 7034 | SL:2 C |

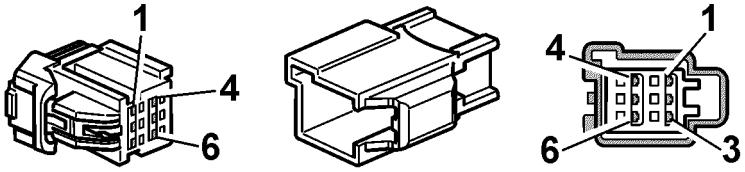
## XC145_1




T3071123

| Pin no: | Circuit function | Wiring no: | Diagram |
|---|---|---|---|
| 1 | Ground | 1 | IA: 0 D |
| 2 | Resting light ckt 2 | 6005 | IA: 0 C |
| 3 | Night driving light Ckt | 6006 | IA: 0 C |
| 4 | Max light Ckt 2 | 6012 | IA: 3 C |
| 5 | Ground | 1 | IA: 3 D |
| 6 | Task light ckt | 6008 | IA: 3 C |

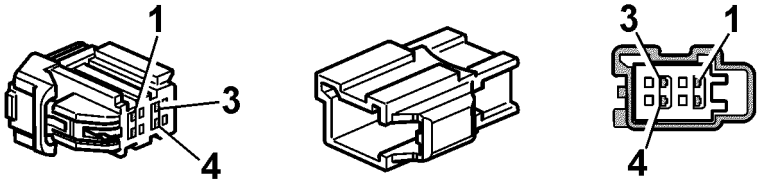
## XC145_2




T3071123

| Pin no: | Circuit function | Wiring no: | Diagram |
|---|---|---|---|
| 1 | Ground | 1 | IA:0 D |
| 2 | Resting light ckt 2 | 6005 | IA:0 C |
| 3 | Night driving light Ckt | 6006 | IA:0 C |
| 4 | Max light Ckt 2 | 6012 | IA:4 C |
| 5 | Ground | 1 | IA:3 D |
| 6 | Task light ckt | 6008 | IA:3 C |

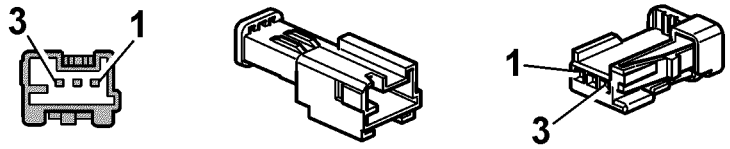
## XC147




T3071138

| Pin no: | Circuit function | Wiring no: | Diagram |
|---|---|---|---|
| 1 | Aux IN-2 audio left | 4027 | IK:2 B |
| 2 | Aux IN-2 audio right | 4028 | IK:2 B |
| 3 | Aux IN-2 audio diagnostic | 4030 | IK:2 B |
| 4 | Aux IN-2 audio common | 4029 | IK:2 B |

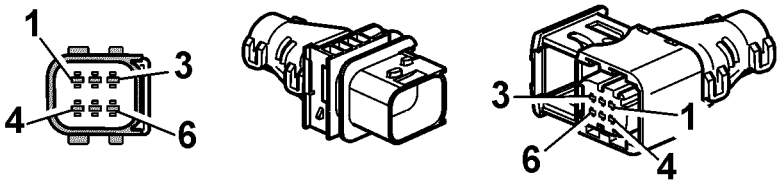
## XC149




T3071135

| Pin no: | Circuit function | Wiring no: | Diagram |
|---|---|---|---|
| 1 | Sunsensor supply | 7061 | HA:2 C |
| 2 | Sunsensor LIN | 7060 | HA:3 C |
| 3 | Sunsensor ground | 7062 | HA:3 C |

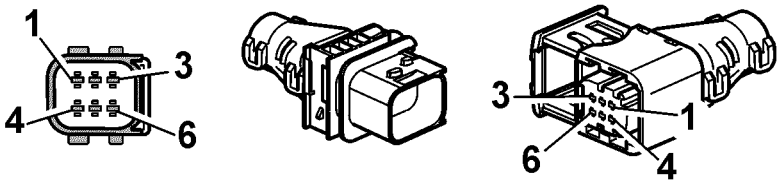
## XC153_1




T3071146

| Pin no: | Circuit function | Wiring no: | Diagram |
|---|---|---|---|
| 1 | Side sensor ground | 1053 | PA:2 D |
| 2 | Active safety propriatery subnet 1 high | 7026 | PA:2 D |
| 3 | Active safety propriatery subnet 1 low | 7027 | PA:2 D |
| 4 | Side sensor +12V | 2125 | PA:2 D |

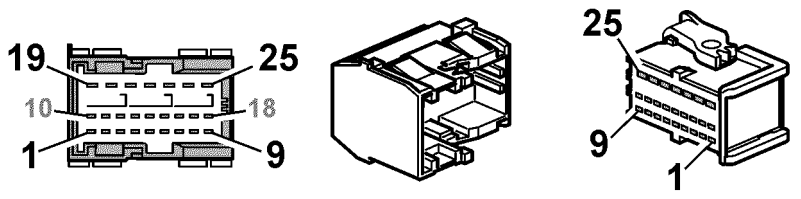
## XC153_2




T3071146

| Pin no: | Circuit function | Wiring no: | Diagram |
|---|---|---|---|
| 1 | Side sensor ground | 1053 | PA:2 D |
| 2 | Active safety propriatery subnet 1 high | 7026 | PA:2 D |
| 3 | Active safety propriatery subnet 1 low | 7027 | PA:2 D |
| 4 | Side sensor +12V | 2125 | PA:2 D |

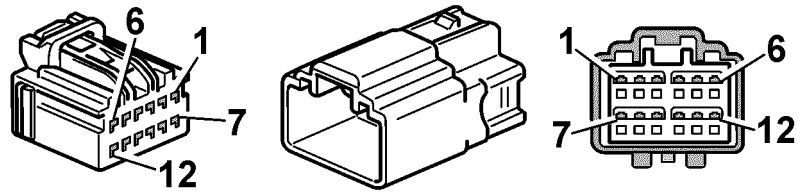
## XC155




T3071131

| Pin no: | Circuit function | Wiring no: | Diagram |
|---|---|---|---|
| 16 | ADR Main switch closing request | 0006 | AD:3 B |
| 19 | ADR Main switch closing request | 0005 | AD:3 A |
| 20 | ADR Main switch closing request | 0008 | AD:3 B |
| 21 | ADR Main switch closing request | 0007 | AD:3 B |
| 22 | Accessories +12V supply | 4167 | IG:0 D |
| 23 | Beacon lamp power supply | 8063 | ND1:0 B |
| 24 | Position light circuit supply | 3047 | GF:2 B |
| 25 | Position light circuit supply | 3047 | GF:3 B |

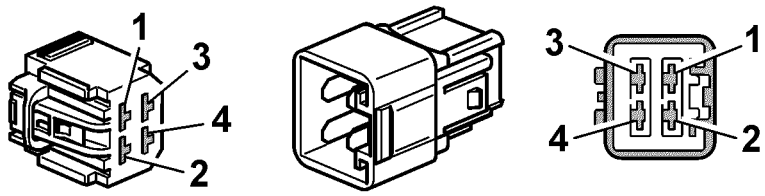
## XC156




T3071127

| Pin no: | Circuit function | Wiring no: | Diagram |
|---|---|---|---|
| 1 | Ground | 1 | NK:1 D |
| 2 | Direction indicator plough lamp LHS supply | 8069 | NK:1 D |
| 3 | Park lamps LHS plough lamp supply | 8071 | NK:1 D |
| 4 | Full beam plough lamp supply | 8082 | NK:2 D |
| 5 | Dipped beam plough lamp supply | 8072 | NK:2 D |
| 6 | Dipped beam plough lamp supply | 8081 | NK:2 D |
| 7 | Full beam plough lamp supply | 8073 | NK:3 D |
| 8 | Park lamps LHS plough lamp supply | 8071 | NK:3 D |
| 9 | Direction indicator plough lamp RHS supply | 8070 | NK:3 D |
| 10 | Ground | 1 | NK:3 D |

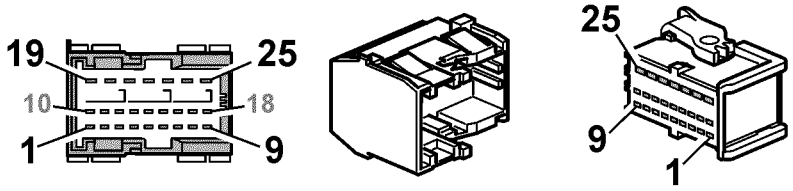
## XC201




T3080327

| Pin no: | Circuit function | Wiring no: | Diagram |
|---|---|---|---|
| 1 | Trailer ABS, EBS power supply | 2129 | GK:0 B/GL:1 B |
| 2 | Cab tilt pump motor supply | 2131 | KA:1 B |

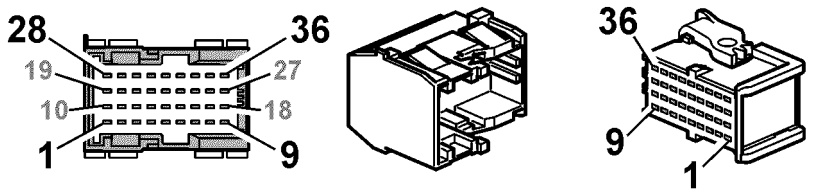
## XC202




T3071131

| Pin no: | Circuit function | Wiring no: | Diagram |
|---|---|---|---|
| 1 | BB1 connector interface pin 1 | 8046 | ND:2 D/ND2:1 C |
| 2 | BB1 connector interface pin 2 | 8047 | ND:2 D/ND2:1 C |
| 3 | BB1 connector interface pin 3 | 8048 | ND:2 D/ND2:1 C |
| 4 | BB1 connector interface pin 4 | 8049 | ND:2 D/ND2:1 C |
| 5 | BB1 connector interface pin 5 | 8050 | ND:2 D/ND2:1 C |
| 6 | BB1 connector interface pin 6 | 8051 | ND:2 D/ND2:1 C |
| 7 | BB1 connector interface pin 7 | 8052 | ND:3 D |
| 7 | Warning Body/Tail lift feedback | 8045 | ND2:1 C |
| 10 | BB2 connector interface pin 1 | 8032 | ND:0 D/ND2:2 C |
| 11 | BB2 connector interface pin 2 | 8033 | ND:0 D/ND2:2 C |
| 12 | BB2 connector interface pin 3 | 8034 | ND:0 D/ND2:2 C |
| 13 | BB2 connector interface pin 4 | 8035 | ND:0 D/ND2:2 C |
| 14 | BB3 connector interface pin 1 | 8039 | ND:1 D/ND2:3 C |
| 15 | BB3 connector interface pin 2 | 8040 | ND:1 D/ND2:3 C |
| 16 | BB3 connector interface pin 3 | 8041 | ND:1 D/ND2:3 C |
| 19 | BB2 connector interface pin 5 | 8036 | ND:0 D/ND2:2 C |
| 20 | BB2 connector interface pin 6 | 8037 | ND:0 D/ND2:2 C |
| 21 | BB2 connector interface pin 7 | 8038 | ND:0 D/ND2:2 C |
| 22 | BB3 connector interface pin 4 | 8029 | ND:1 D/ND2:3 C |
| 23 | BB3 connector interface pin 5 | 8030 | ND:1 D/ND2:3 C |
| 24 | BB3 connector interface pin 6 | 8044 | ND:1 D/ND2:3 C |
| 25 | BB3 connector interface pin 7 | 8003 | ND:1 D/ND2:4 C |

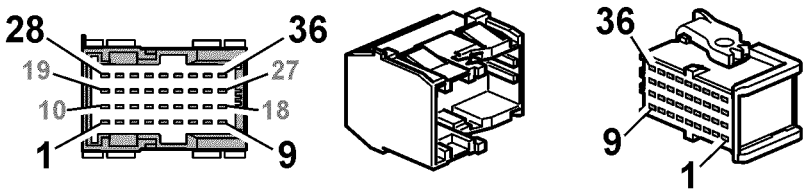
# XC203




T3080545

| Pin no: | Circuit function | Wiring no: | Diagram |
|---|---|---|---|
| 1 | Backbone 1 high | 7004 | SA:4 C |
| 2 | Backbone 1 low | 7005 | SA:4 C |
| 5 | Chassis subnet high | 7000 | SD:0 B |
| 6 | Chassis subnet low | 7001 | SD:0 B |
| 7 | EBS sensor CAN high | 7052 | EE:3 D |
| 8 | EBS sensor CAN low | 7053 | EE:3 D |
| 9 | Foot brake sensor signal 1 | 0068 | EE:0 C |
| 10 | HCU ground | 7056 | FE:1 C |
| 11 | LIN HCU | 7055 | FE:1 C |
| 12 | 12V power supply | 7054 | FE:2 C |
| 13 | Climate control LIN 12V supply | 7066 | HC:3 B |
| 14 | Climate control communication LIN | 7067 | HC:3 B |
| 15 | Direct battery | 2142 | EE:3 D |
| 16 | Multiplexed sensor ground | 1022 | EE:3 D |
| 17 | Brake pedal sensor ground | 1017 | EE:0 C |
| 18 | Foot brake sensor signal 2 | 0069 | EE:0 C |
| 19 | Tachograph speedometer supply | 2031 | BC:1 D |
| 20 | Speed signal real time | 0012 | BC:2 D |
| 21 | Electronic ground | 1070 | BC:2 D |
| 22 | Digital signal IO | 2032 | BC:2 D |
| 25 | Brake pedal sensor supply | 2056 | EE:0 C |
| 26 | Ignition signal | 2020 | BE:1 C |
| 27 | Hazard hardwired | 3000 | BE:0 D |
| 28 | Headlight washer pump supply | 2105 | GP:1 C |
| 29 | AC compressor clutch signal | 0152 | HA:3 C |
| 30 | Side instep light | 3015 | IC:1 B |
| 31 | Auxillary horn signal | 4096 | IP:1 C |
| 33 | Fuel dosing pump 2 (-) | 1048 | HC:0 B |
| 34 | Fuel dosing pump 1 + supply | 2111 | HC:1 B |
| 35 | APM power supply | 2086 | FE:1 B |
| 36 | Parking air, water heater supply | 2110 | HC:1 B |

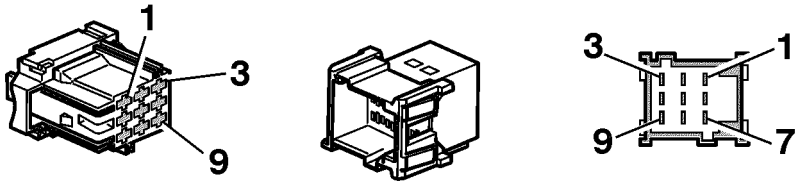
## XC204




T3080545

| Pin no: | Circuit function | Wiring no: | Diagram |
|---|---|---|---|
| 1 | EBS sensor CAN low | 7053 | PA:1 D |
| 2 | Active safety proprietary subnet 2 low | 7074 | PA:0 D |
| 3 | Cab tilt enable switch | 2139 | KA:2 C |
| 4 | Cab tilt pump enable | 0018 | KA:2 D |
| 10 | FLS sensor power supply | 2126 | PA:0 C |
| 19 | Burglar alarm siren 12V | 5020 | RA:3 C |
| 20 | Burglar alarm siren LIN | 5022 | RA:3 C |
| 21 | Burglar alarm siren ground | 5021 | RA:3 C |

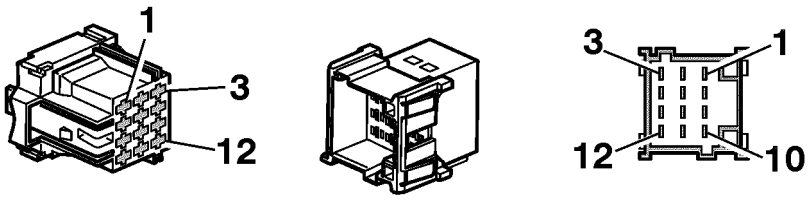
## XC207




T3019929

| Pin no: | Circuit function | Wiring no: | Diagram |
|---|---|---|---|
| 1 | ADR tacho power supply | 2022 | AE:2 D/BC:0 B |
| 2 | Ground | 1 | AE:2 D |
| 3 | ADR main switch closing request | 0005 | AD:2 A |
| 4 | ADR main switch closing request | 0007 | AD:1 D |
| 5 | ADR main switch closing request | 0006 | AD:1 D |
| 6 | ADR main switch closing request | 0008 | AD:1 D |

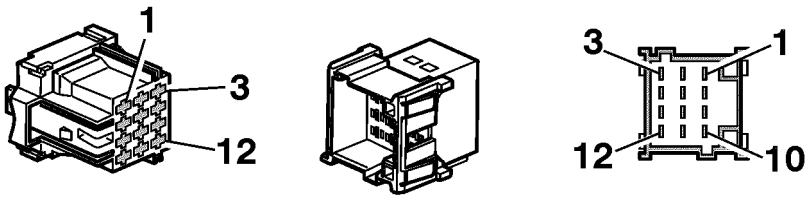
## XC208




T3019801

| Pin no: | Circuit function | Wiring no: | Diagram |
|---|---|---|---|
| 1 | Side revers working lamp power supply | 8060 | NE:1 B |
| 2 | Cab body working lamp power supply | 8061 | NE:3 A |
| 3 | Climate subnet high | 7068 | HB:3 A |
| 5 | TECU power supply | 2024 | DC:1 B |
| 6 | Climate subnet low | 7069 | HB:3 A |
| 8 | Fuel heater supply | 2115 | HF:1 C |

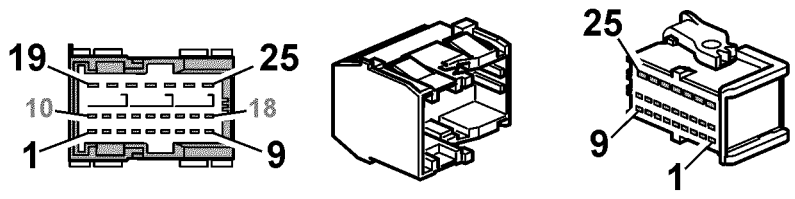
## XC210




T3019801

| Pin no: | Circuit function | Wiring no: | Diagram |
|---|---|---|---|
| 1 | EMS power supply 1 | 2044 | CA:2 C |
| 2 | EMS load power supply 1 | 2045 | CA:2 C |
| 3 | EMS load power supply 2 | 2046 | CA:2 C |
| 4 | EMS power supply 1 | 2044 | CA:1 C |
| 5 | Trailer power supply +24V | 8017 | GK:2 B/GL:2 B |
| 6 | Fuel filter heater power supply | 2047 | CA:1 C |
| 7 | Trailer strat aid/free | 8019 | GK:2 B/GL:3 B |
| 8 | Trailer body light EL8 relay supply | 8020 | GK:2 B/GL:3 B |
| 9 | Backbone 2 high | 7006 | SB:4 D |
| 10 | Direct battery | 2055 | EA:0 B/EE:0 A |
| 11 | Trailer steering lock/free | 8018 | GK:2 B/GL:2 B |
| 12 | Backbone 2 low | 7007 | SB:4 D |

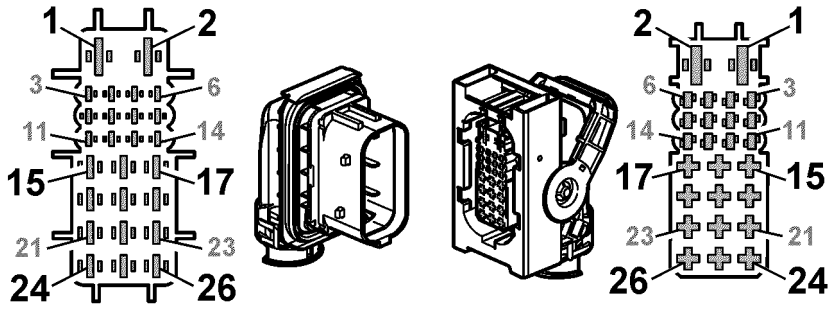
# XC213




T3071131

| Pin no: | Circuit function | Wiring no: | Diagram |
|---|---|---|---|
| 1 | Cab tilt pump enable | 0018 | KA:2 D |
| 2 | Cab tilt enable switch | 2139 | KA:2 C |
| 5 | Front lid lock motor supply 1 | 5006 | BG:1 B |
| 6 | Front lid lock motor supply 2 | 5007 | BG:1 B |
| 7 | Ground | 1 | BG:1 B |
| 8 | Brake pedal sensor supply | 2056 | EE:0 D |
| 9 | Brake pedal sensor ground | 1017 | EE:0 D |
| 10 | Foot brake sensor signal 1 | 0068 | EE:0 D |
| 11 | Foot brake sensor signal 2 | 0069 | EE:0 D |
| 12 | Front lid lock sensor feedback | 5002 | BG:1 C |
| 13 | Front lid switch signal | 5026 | RA:1 C |
| 14 | Side instep light | 3015 | IC:1 C |
| 17 | Auxillary horn signal | 4096 | IP:1 C |
| 19 | Extra spot lamp EL6 front power supply | 8059 | NE:0 C |
| 20 | Windscreen wiper park position signal | 0151 | GP:0 C |
| 21 | Windscreen wiper low speed | 2103 | GP:0 C |
| 22 | Windscreen wiper high speed | 2104 | GP:1 C |
| 24 | BBEC parking lamp SPOTP-F signal | 8057 | NE:0 C |

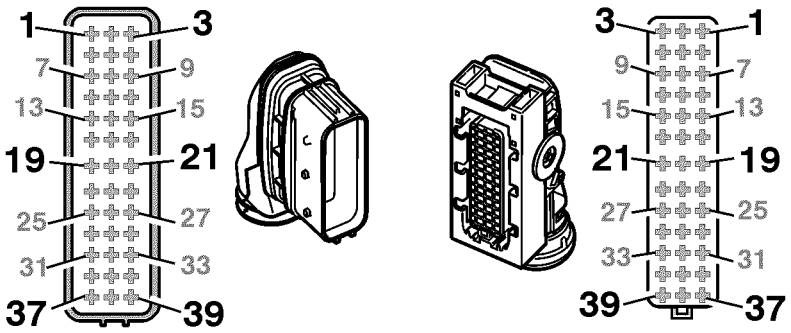
# XC301_2




T3071132

| Pin no: | Circuit function | Wiring no: | Diagram |
|---|---|---|---|
| 1 | Ground | 1 | YD:1 C |
| 2 | Cab tilt pump motor supply | 2131 | KA:1 B |
| 3 | Active safety proprietary subnet 2 high | 7073 | PA:1 D |
| 4 | Active safety proprietary subnet 2 low | 7074 | PA:0 D |
| 5 | FLS sensor power supply | 2126 | PA:0 C |
| 6 | Ground | 1 | PA:1 C |
| 7 | Side instep light | 3015 | IC:1 B |
| 8 | Burgler alarm siren 12V | 5020 | RA:3 D |
| 9 | Burgler alarm siren LIN | 5022 | RA:4 D |
| 10 | Burgler alarm siren ground | 5021 | RA:4 D |
| 11 | Chassis subnet high | 7000 | SD:0 B |
| 12 | Chassis subnet low | 7001 | SD:1 B |
| 13 | Ignition signal | 2020 | BE:0 D |
| 14 | Hazard hardwired | 3000 | BE:0 D |
| 15 | Ground | 1 | YA:0 C |
| 19 | Headlight washer pump supply | 2105 | GP:1 C |
| 20 | Auxiliary horn signal | 4096 | IP:1 C |

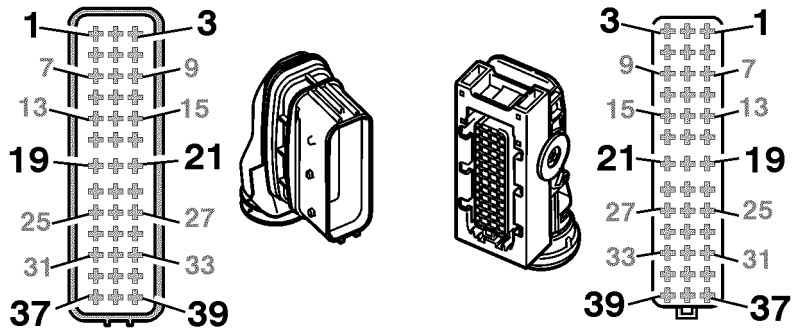
# XC302 (GIC020)




T3019924

| Pin no: | Circuit function | Wiring no: | Diagram |
|---|---|---|---|
| 1 | Backbone 1 high | 7004 | CA1:1 D |
| 2 | Backbone 2 high | 7006 | CA1:1 D |
| 3 | PWT subnet high | 7036 | CA1:2 D |
| 3 | PWT subnet high | 7128 | CA1:3 D |
| 4 | Backbone 1 low | 7005 | CA1:1 D |
| 5 | Backbone 2 low | 7007 | CA1:1 D |
| 6 | PWT subnet low | 7037 | CA1:2 D |
| 6 | PWT subnet low | 7129 | CA1:3 D |
| 9 | Alternator L-signal | 0003 | AA:3 D |
| 10 | Alternator control | 0002 | AA:3 D |
| 13 | EMS power supply 1 | 2044 | CA:2 D |
| 15 | EMS power supply 1 | 2044 | CA:1 D |
| 21 | EMS load power supply 2 | 2046 | CA:2 D |
| 23 | AC compressor clutch signal | 0152 | HE:3 C |
| 27 | Ground | 1 | CA:2 D |
| 31 | Ground | 1 | CA:2 D |
| 33 | EMS load power supply 1 | 2045 | CA:2 D |
| 34 | Engine subnet high | 7038 | CA1:3 D |
| 36 | Engine subnet low | 7039 | CA1:4 D |
| 37 | Fuel filter heater power supply | 2047 | CA:1 D |
| 39 | Ground | 1 | CA:2 D |

# XC303 (GIC021)

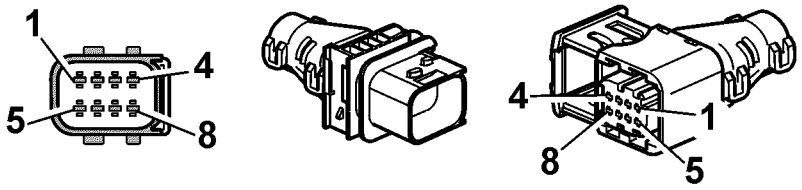



T3019924

| Pin no: | Circuit function | Wiring no: | Diagram |
|---|---|---|---|
| 1 | Backbone 1 high | 7004 | DC:1 C |
| 2 | Backbone 2 high | 7006 | DC:2 C |
| 3 | PWT subnet high | 7036 | DC:2 C |
| 4 | Backbone 1 low | 7005 | DC:1 C |
| 5 | Backbone 2 low | 7007 | DC:2 C |
| 6 | PWT subnet low | 7037 | DC:3 C |
| 7 | Electronic ground | 1070 | BC:2 D |
| 8 | Backbone 2 high | 7006 | DC:2 C |
| 9 | Area inhibit valve on/off | 0053 | DA:1 C |
| 10 | Backbone 2 low | 7007 | DC:2 C |
| 11 | Gearbox oil temp sensor | 0047 | DA:0 C |
| 12 | Retarder air pressure | 0044 | DK:1 D/DM:2 D |
| 13 | TECU power supply | 2024 | DC:1 C |
| 15 | V5EXT 1 supply | 2050 | DK:1 D |
| 15 | V5EXT 2 supply | 2051 | DM:1 D |
| 16 | Digital signal IO | 2032 | BC:2 D |
| 17 | Range inhibit valve on/off | 0052 | DA:1 C |
| 19 | Revers feedback sensor | 0050 | DA:2 C |
| 20 | Gearbox low split sensor | 0049 | DA:2 C |
| 21 | V5EXT 1 ground | 1009 | DK:3 D/DM:2 D |
| 22 | Low range manual gearbox switch | 0051 | DA:2 C |
| 23 | Retarder PWM control | 0043 | DK:1 D/DM:1 D |
| 24 | Speed signal real time | 0012 | BC:2 D |
| 26 | Tachograph speedometer supply | 2031 | BC:1 D |
| 27 | V5EXT 2 ground | 1010 | DK:2 D/DM:2 D |
| 28 | Retarder oil temperature | 0045 | DK:2 D/DM:2 D |
| 29 | Retarder water temperature | 0046 | DK:2 D/DM:2 D |
| 30 | PWT subnet terminal resistor strap | 7040 | DC:2 C |
| 31 | Ground | 1 | DA:1 C |
| 31 | Manual Gearbox sensors & valves ground | 1073 | DA:1 C |
| 33 | Gearbox oil temperature sensor ground | 1011 | DA:0 C |

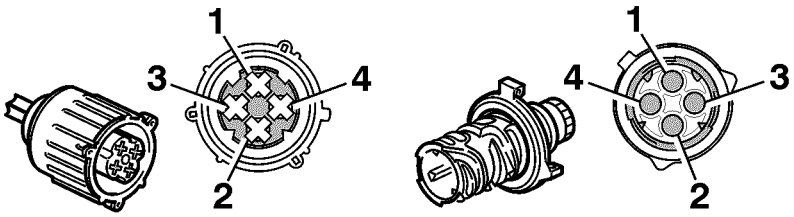
| | | | |
|---|---|---|---|
| 35 | Actuator supply-1 | 2052 | DK:1 D |
| 35 | Supply to Adblue loads | 2155 | DM:1 D |
| 36 | PWT subnet terminal resistor strap | 7040 | DC:3 C |
| 38 | Neutral feedback sensor | 0048 | DC:1 C |
| 39 | Ground | 1 | DC:0 C |

## XC310




T3071145

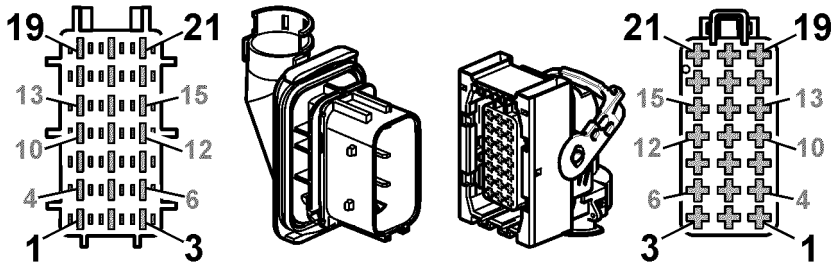
*Alternative connector*




T3019922

| Pin no: | Circuit function | Wiring no: | Diagram |
|---|---|---|---|
| 1 | ECS level sensor supply 2 | 2081 | FA:2 C |
| 2 | ECS level sensor ground 2 | 0121 | FA:2 C |
| 3 | ECS Front Level sensor signal 2 | 0235 | FA:2 C |
| 4 | ECS level sensor signal 1 | 0181 | FA:2 C |
| 5 | ECS pressure sensor supply 1 | 2080 | FA:1 C |
| 6 | ECS pressure sensor ground 1 | 1036 | FA:1 C |
| 8 | ECS Front Pressure sensor signal 2 | 0234 | FA:1 C |

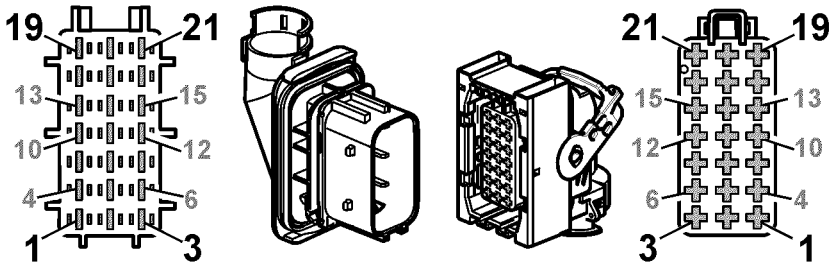
## XC312 (GIC128)




T3071130

| Pin no: | Circuit function | Wiring no: | Diagram |
|---|---|---|---|
| 1 | V5EXT 2 ground | 1010 | CE:1 D/CK:2 D |
| 2 | CAT temp downstream | 0038 | CE:1 D/CK:1 D |
| 3 | CAT temp upstream | 0037 | CE:1 D/CK:1 D |
| 4 | Temp after DPF | 0039 | CE:1 D/CK:1 D |
| 5 | V5EXT 1 supply | 2050 | CE:0 D/CK:0 D |
| 6 | DPF pressure | 0036 | CE:0 D/CK:1 D |
| 7 | PWT subnet high | 7036 | CE:3 D |
| 7 | Engine subnet high | 7038 | CK:3 D |
| 8 | PWT subnet low | 7037 | CE:3 D |
| 8 | Engine subnet low | 7039 | CK:3 D |
| 9 | V5EXT 1 ground | 1009 | CE:0 D/CK:1 D |
| 10 | PWT subnet high | 7036 | CE:2 D |
| 10 | Engine subnet high | 7038 | CK:3 D |
| 11 | PWT subnet low | 7037 | CE:2 D |
| 11 | Engine subnet low | 7039 | CK:3 D |
| 16 | Adblue injector lsd | 0035 | CE:1 D |
| 17 | Adblue injector hsd | 0034 | CE:2 D |
| 19 | Nox-1 power supply | 2048 | CE:3 D |
| 19 | NOx supply | 2161 | CK:2 D |
| 20 | Ground | 1 | CE:4 D/CK:2 D |
| 21 | Nox-2 power supply | 2049 | CE:4 D |
| 21 | NOx supply | 2161 | CK:2 D |

## XC313

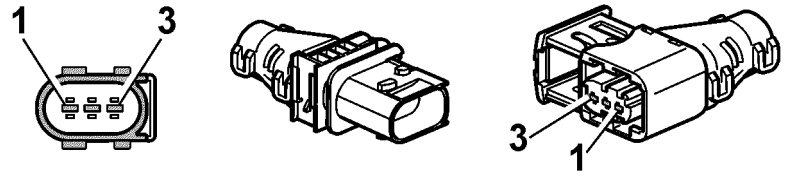



T3071130

| Pin no: | Circuit function | Wiring no: | Diagram |
|---|---|---|---|
| 1 | V5EXT 2 supply | 2051 | CF:2 B/CF_ AUS:2 B |
| 1 | Adblue temp control | 0231 | CL:1 B |
| 2 | Adblue pressure | 0042 | CF:2 B/CL:3 B/ CF_AUS:2 B |
| 3 | V5EXT 2 ground | 1010 | CF:2 B/CF_ AUS:2 B |
| 3 | Adblue air pressure | 0030 | CL:3 B |
| 4 | PWT subnet high | 7036 | CF:3 B |
| 5 | PWT subnet low | 7037 | CF:3 B |
| 6 | V5EXT 1 ground | 1009 | CF:2 B/CL:2 B/ CF_AUS:3 D |
| 6 | Ground | 1 | CF:4 B |
| 7 | Adblue level control | 0180 | CF:3 B/CL:2 B/ CF_AUS:3 B |
| 7 | PWT subnet high | 7036 | CF:3 B |
| 8 | Adblue temp control | 0179 | CF:2 B/CL:2 B/ CF_AUS:2 B |
| 8 | PWT subnet low | 7037 | CF:3 B |
| 9 | V5EXT 1 supply | 2050 | CF:3 B/CF_ AUS:3 B |
| 9 | Nox-2 power supply | 2049 | CF:4 B |
| 13 | Adblue air pressure | 0030 | CF:2 B/CF_ AUS:2 B |
| 13 | V5EXT 2 supply | 2051 | CL:2 B |
| 14 | Adblue air temp control | 0178 | CF:1 B/CF_ AUS:2 B |
| 14 | Adblue air valve on/off | 0040 | CL:1 B |
| 15 | Adblue air valve on/off | 0040 | CF:1 B/CF_ AUS:2 B |
| 15 | Supply to Adblue loads | 2155 | CL:1 B |
| 16 | Adblue heater hose control 1 | 0033 | CF:0 B/CL:0 B |
| 17 | Adblue heater hose control 2 | 0032 | CF:0 B/CL:0 B |
| 18 | Adblue heater hose control 3 | 0031 | CF:0 B |
| 18 | Adblue dosage pump L | 0230 | CL:4 B |
| 19 | Actuator supply-1 | 2052 | CF:0 B/CF_ AUS:2 B |

| | | | |
|---|---|---|---|
| 19 | Supply to Adblue hoses | 2156 | CL:0 B |
| 20 | Adblue dosage pump H | 0229 | CL:3 B |
| 21 | Adblue tank heating valve on/off | 0029 | CF:1 B/CL:0 B |

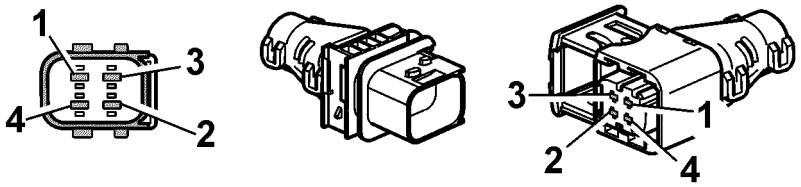
## XC314




T3071121

| Pin no: | Circuit function | Wiring no: | Diagram |
|---|---|---|---|
| 1 | Fuel level sensor | 0054 | DG:0 C |
| 3 | Fuel level sensor ground | 1012 | DG:0 C |

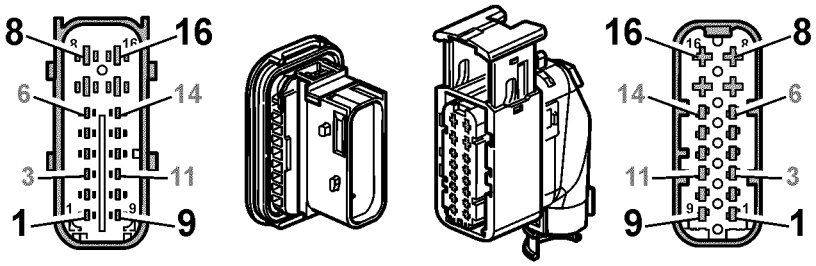
## XC315




T3071144

| Pin no: | Circuit function | Wiring no: | Diagram |
|---|---|---|---|
| 1 | LIN battery sensor | 7127 | AA:0 D |
| 2 | ACM power supply | 2019 | AA:3 A |
| 3 | Main switch status | 0004 | AB:2 B |
| 4 | Ground | 1 | YB:0 B |

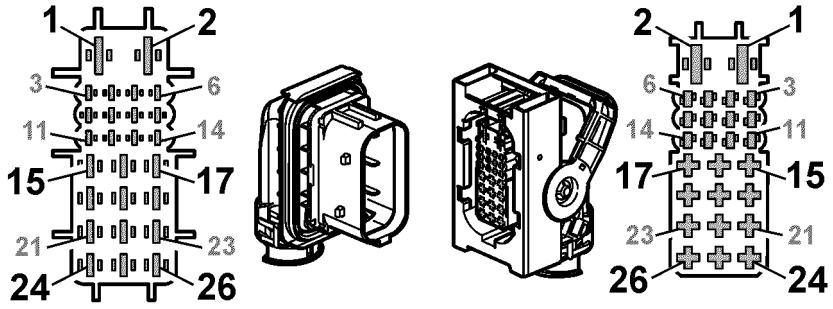
# XC316




T3071129

| Pin no: | Circuit function | Wiring no: | Diagram |
|---|---|---|---|
| 1 | V5EXT 2 supply | 2051 | CF:2 C |
| 1 | Adblue temp control | 0231 | CL:1 C |
| 2 | Adblue pressure | 0042 | CF:2 C/CL:3 C |
| 3 | V5EXT 2 ground | 1010 | CF:2 C |
| 3 | Adblue air pressure | 0030 | CL:3 C |
| 4 | Adblue dosage pump H | 0229 | CL:3 C |
| 5 | Adblue tank heating valve on/off | 0029 | CF:1 C/CL:0 C |
| 6 | Adblue air valve on/off | 0040 | CF:1 C |
| 6 | Supply to Adblue loads | 2155 | CL:1 C |
| 7 | Adblue heater hose control 3 | 0031 | CF:0 C |
| 7 | Adblue dosage pump L | 0230 | CL:4 C |
| 8 | Actuator supply-1 | 2052 | CF:0 C |
| 8 | Supply to Adblue hoses | 2156 | CL:0 C |
| 9 | V5EXT 2 supply | 2051 | CF:3 C |
| 9 | Nox-2 power supply | 2049 | CF:4 C |
| 10 | Adblue level control | 0180 | CF:3 C/CL:2 C |
| 10 | PWT subnet high | 7036 | CF:3 C |
| 11 | Adblue temp control | 0179 | CF:2 C/CL:2 C |
| 11 | PWT subnet low | 7037 | CF:3 C |
| 12 | V5EXT 1 ground | 1009 | CF:2 C/CL:1 C |
| 12 | Grund | 1 | CF:4 C |
| 13 | Adblue air pressure | 0030 | CF:2 C |
| 13 | V5EXT 2 supply | 2051 | CL:2 C |
| 14 | Adblue air temp control | 0178 | CF:1 C |
| 14 | Adblue air valve on/off | 0040 | CL:1 C |
| 15 | Adblue heater hose control 2 | 0032 | CF:0 C/CL:0 C |
| 16 | Adblue heater hose control 1 | 0033 | CF:0 C/CL:0 C |

# XC317

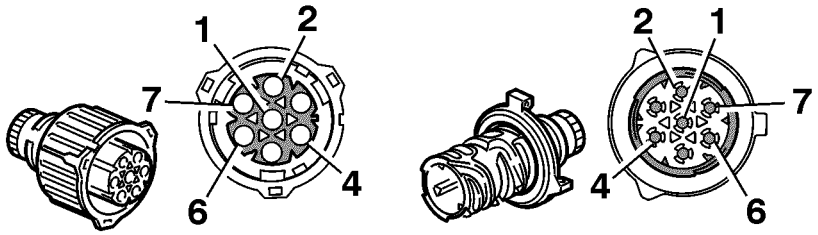



T3071132

| Pin no: | Circuit function | Wiring no: | Diagram |
|---|---|---|---|
| 1 | Trailer ABS, EBS power supply | 2129 | GK:0 B |
| 3 | EBS sensor CAN high | 7052 | FO:1 C |
| 4 | EBS sensor CAN low | 7053 | FO:1 C |
| 5 | Rear diff lock valve on/off | 0062 | DG:4 C |
| 6 | Rear inter axle diff lock valve on/off | 0061 | DG:3 C |
| 7 | EBS proprietary net high | 7083 | GK:0 B |
| 7 | Trailer ignition key signal | 0160 | GL:1 C |
| 8 | EBS proprietary net low | 7084 | GK:0 B |
| 8 | Trailer control lamp | 0161 | GL:1 C |
| 9 | Direct battery | 2142 | FO:1 C |
| 10 | Multiplexed sensor ground | 1022 | FO:1 C |
| 11 | Chassis subnet high | 7000 | GC:1 A |
| 12 | Chassis subnet low | 7001 | GC:1 A |
| 13 | Ignition signal | 2020 | GC:2 A |
| 14 | Hazard hardwired | 3000 | GC:2 A |
| 15 | Ground | 1 | YA:1 B |
| 16 | Ground | 1 | YA:1 B |
| 17 | Trailer fog light | 3055 | GK:3 B |
| 17 | Trailer direction indicator left | 3050 | GL:1 C/GN:1 B |
| 18 | Trailer reverse light | 3056 | GK:4 B/GN:2 B |
| 18 | Trailer direction indicator right | 3051 | GL:1 C/GN:2 B |
| 19 | Trailer position light left | 3052 | GL:1 C/GN:1 B |
| 20 | Trailer position light right | 3053 | GL:2 C/GN:0 B |
| 21 | Trailer brake light | 3054 | GL:2 C/GN:1 B |
| 22 | Lubrication motor power supply | 2026 | LA:0 B |
| 23 | Trailer power supply +24V | 8017 | GK:2 B |
| 23 | 5th wheel feedback 1 | 0162 | NC:1 C |
| 24 | Trailer steering lock/free + | 8018 | GK:2 B |
| 24 | 5th wheel feedback 2 | 0163 | NC:1 C |
| 25 | Trailer strat aid/free - | 8019 | GK:2 B |
| 25 | 5th wheel feedback 3 | 0164 | NC:1 C |

| | | | |
|---|---|---|---|
| 26 | Trailer body light EL8 relay supply | 8020 | GK:2 B |
| 26 | 5th wheel feedback common ground | 1056 | NC:1 C |

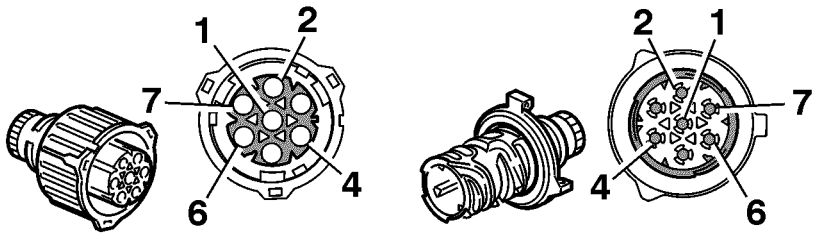
## XC318A




T3020295

| Pin no: | Circuit function | Wiring no: | Diagram |
|---|---|---|---|
| 2 | Side reverse working lamp power supply | 8060 | NE:1 B |
| 3 | Cab body working lamp power supply | 8061 | NE:3 B |
| 4 | 5th wheel load light | 8068 | NC:3 C |
| 5 | Ground | 1 | NE:1 D |
| 6 | Ground | 1 | NE:4 B |
| 7 | Ground | 1 | NC:3 D |

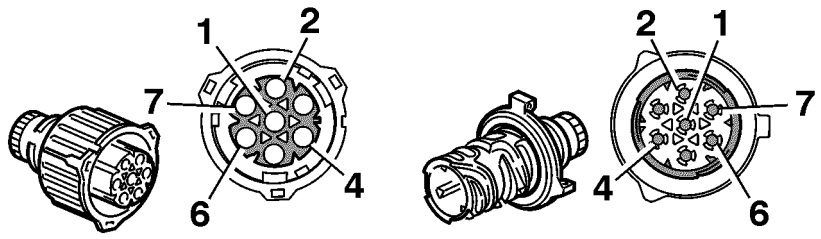
## XC318B




T3020295

| Pin no: | Circuit function | Wiring no: | Diagram |
|---|---|---|---|
| 2 | Side reverse working lamp power supply | 8060 | NE:1 B |
| 3 | Cab body working lamp power supply | 8061 | NE:3 B |
| 4 | 5th wheel load light | 8068 | NC:3 C |
| 5 | Ground | 1 | NE:1 D |
| 6 | Ground | 1 | NE:4 B |
| 7 | Ground | 1 | NC:3 C |

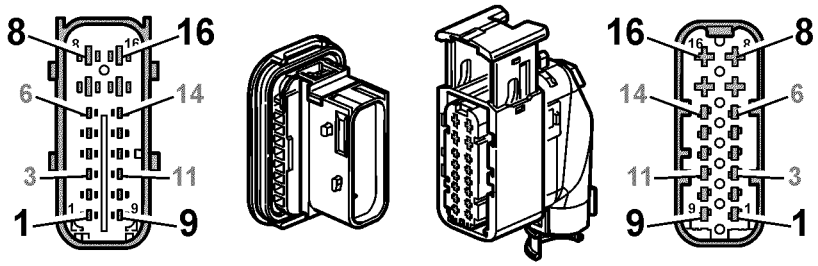
## XC318C




T3020295

| Pin no: | Circuit function | Wiring no: | Diagram |
|---|---|---|---|
| 2 | Side reverse working lamp power supply | 8060 | NE:2 B |
| 3 | Cab body working lamp power supply | 8061 | NE:3 B |
| 4 | 5th wheel load light | 8068 | NC:3 C |
| 5 | Ground | 1 | NE:2 D |
| 6 | Ground | 1 | NE:4 B |
| 7 | Ground | 1 | NC:3 C |

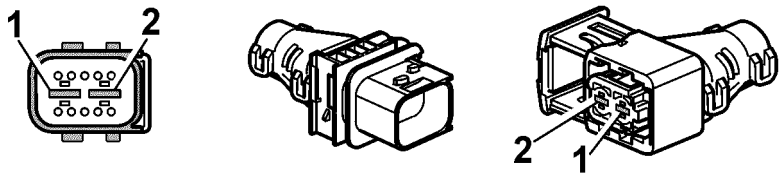
# XC319




T3071129

| Pin no: | Circuit function | Wiring no: | Diagram |
|---|---|---|---|
| 1 | V5EXT 2 supply | 2051 | CF:2 C |
| 1 | Adblue temp control | 0231 | CL:1 C |
| 2 | Adblue pressure | 0042 | CF:2 C/CL:3 C |
| 3 | V5EXT 2 ground | 1010 | CF:2 C |
| 3 | Adblue air pressure | 0030 | CL:3 C |
| 4 | Adblue dosage pump H | 0229 | CL:4 C |
| 5 | Adblue tank heating valve on/off | 0029 | CF:1 C/CL:0 C |
| 6 | Adblue air valve on/off | 0040 | CF:1 C |
| 6 | Supply to Adblue loads | 2155 | CL:1 C |
| 7 | Adblue heater hose control 3 | 0031 | CF:0 C |
| 7 | Adblue dosage pump L | 0230 | CL:4 C |
| 8 | Actuator supply-1 | 2052 | CF:0 C |
| 8 | Supply to Adblue hoses | 2156 | CL:0 C |
| 9 | V5EXT 2 supply | 2051 | CF:3 C |
| 10 | Adblue level control | 0180 | CF:3 C/CL:2 C |
| 11 | Adblue temp control | 0179 | CF:2 C/CL:2 C |
| 12 | V5EXT 1 ground | 1009 | CF:2 C/CL:2 C |
| 13 | Adblue air pressure | 0030 | CF:2 C |
| 13 | V5EXT 2 supply | 2051 | CL:2 C |
| 14 | Adblue air temp control | 0178 | CF:1 C |
| 14 | Adblue air valve on/off | 0040 | CL:1 C |
| 15 | Adblue heater hose control 2 | 0032 | CF:0 C/CL:0 C |
| 16 | Adblue heater hose control 1 | 0033 | CF:0 C/CL:0 C |

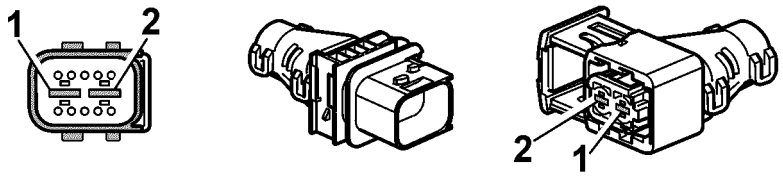
## XC321_2




T3071143

| Pin no: | Circuit function | Wiring no: | Diagram |
|---|---|---|---|
| 1 | FCIOM power supply | 2015 | AA:2 A |
| 2 | Ground | 1 | YA:0 C |

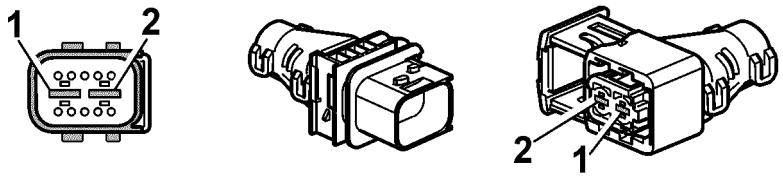
## XC322_2




T3071143

| Pin no: | Circuit function | Wiring no: | Diagram |
|---|---|---|---|
| 1 | FCIOM power supply | 2016 | AA:3 A |
| 2 | Ground | 1 | YD:2 C |

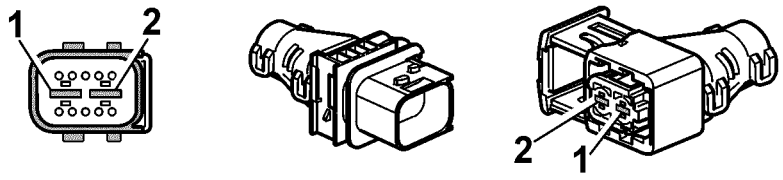
## XC323




T3071143

| Pin no: | Circuit function | Wiring no: | Diagram |
|---|---|---|---|
| 1 | RCIOM power supply | 2017 | GC:0 A |
| 2 | RCIOM power supply | 2018 | GC:0 A |

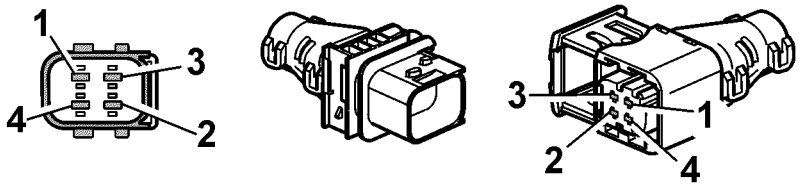
## XC324




T3071143

| Pin no: | Circuit function | Wiring no: | Diagram |
|---|---|---|---|
| 1 | EAS power supply | 2152 | FO:1 A |
| 2 | Ground | 1 | FO:1 D |

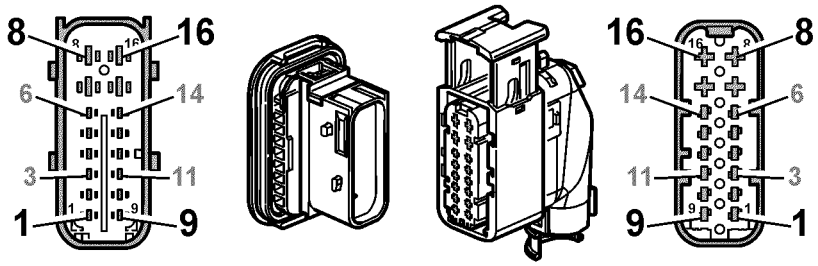
## XC325




T3071144

| Pin no: | Circuit function | Wiring no: | Diagram |
|---|---|---|---|
| 1 | LIN battery sensor | 7127 | AA:0 D |
| 2 | ACM power supply | 2019 | AA:4 B |

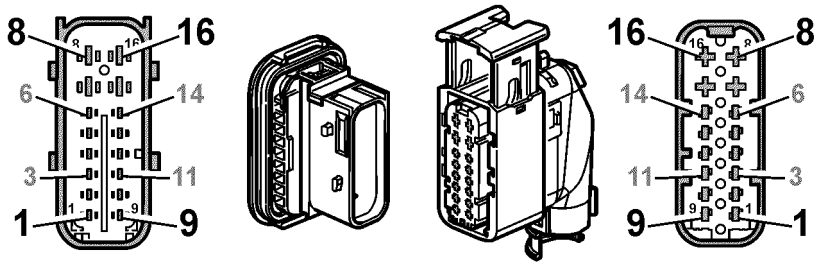
## XC327




T3071129

| Pin no: | Circuit function | Wiring no: | Diagram |
|---|---|---|---|
| 1 | ADR tacho power supply | 2022 | AD:0 C |
| 2 | Main switch status | 0004 | AD:1 C |
| 4 | ADR main switch closing request | 0008 | AD:1 C |
| 5 | ADR main switch closing request | 0007 | AD:1 C |
| 6 | ADR main switch closing request | 0006 | AD:1 C |
| 7 | Ground | 1 | AD:1 C |
| 8 | Ground | 1 | AD:1 C |
| 9 | LIN battery sensor | 7127 | AA:0 D |
| 10 | ADR main switch closing request | 0005 | AD:1 B |
| 15 | ACM power supply | 2019 | AA:4 B |

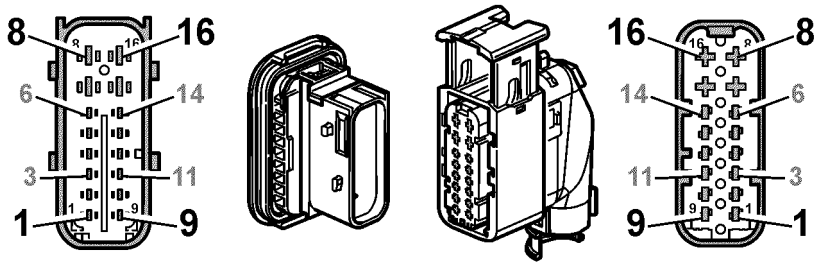
## XC328




T3071129

| Pin no: | Circuit function | Wiring no: | Diagram |
|---|---|---|---|
| 1 | ADR tacho power supply | 2022 | AD:0 D |
| 4 | ADR main switch closing request | 0008 | AD:1 C |
| 5 | ADR main switch closing request | 0007 | AD:1 C |
| 6 | ADR main switch closing request | 0006 | AD:2 C |
| 7 | Ground | 1 | AD:1 C |
| 8 | Ground | 1 | AD:1 C |
| 10 | ADR main switch closing request | 0005 | AD:1 A |

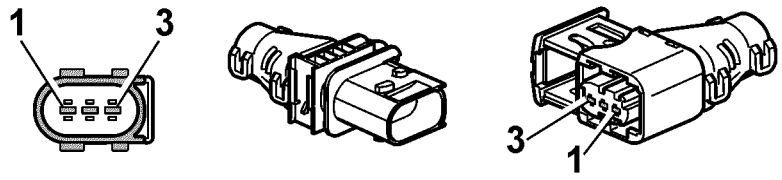
## XC329




T3071129

| Pin no: | Circuit function | Wiring no: | Diagram |
|---|---|---|---|
| 1 | ADR tacho power supply | 2022 | AD:0 D |
| 4 | ADR main switch closing request | 0008 | AD:1 C |
| 5 | ADR main switch closing request | 0007 | AD:1 C |
| 6 | ADR main switch closing request | 0006 | AD:1 C |
| 7 | Ground | 1 | AD:1 C |
| 8 | Ground | 1 | AD:1 C |
| 10 | ADR main switch closing request | 0005 | AD:1 A |

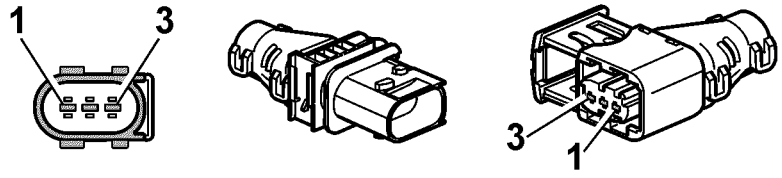
## XC330




T3071121

| Pin no: | Circuit function | Wiring no: | Diagram |
|---|---|---|---|
| 1 | Side markers light | 3017 | GE:1 B |
| 3 | Ground | 1 | GE:0 D |

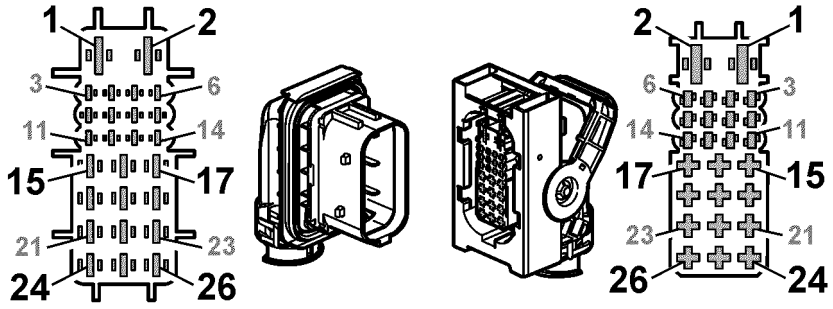
## XC331




T3071121

| Pin no: | Circuit function | Wiring no: | Diagram |
|---|---|---|---|
| 1 | Side markers light | 3017 | GE:1 B |
| 3 | Ground | 1 | GE:2 D |

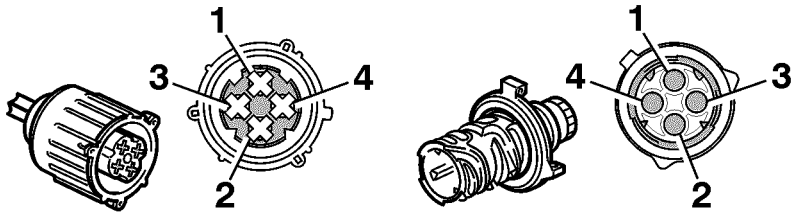
# XC342




T3071132

| Pin no: | Circuit function | Wiring no: | Diagram |
|---|---|---|---|
| 1 | Trailer ABS, EBS power supply | 2129 | GK:0 C |
| 5 | EBS proprietary net high | 7083 | GK:0 C |
| 6 | EBS proprietary net low | 7084 | GK:0 C |
| 8 | Trailer ignition key signal | 0160 | GK:1 B |
| 9 | Trailer control lamp | 0161 | GK:1 B |
| 15 | Trailer direction indicator left | 3050 | GK:1 B/GM:1 B/ GN:1 B |
| 16 | Trailer direction indicator right | 3051 | GK:1 B/GM:1 B/ GN:1 B |
| 17 | Trailer position light left | 3052 | GK:1 B/GM:1 B/ GN:1 B |
| 18 | Trailer position light right | 3053 | GK:1 B/GM:1 B/ GN:0 B |
| 19 | Trailer brake light | 3054 | GK:1 B/GM:1 B/ GN:1 B |
| 20 | Trailer power supply + 24V | 8017 | GK:2 BC/GM:2 B |
| 21 | Trailer steering lock/free + | 8018 | GK:2 B/GM:2 B |
| 22 | Trailer strat aid/free - | 8019 | GK:2 B/GM:2 B |
| 23 | Trailer body light EL8 relay supply | 8020 | GK:2 B/GM:3 B |
| 24 | Trailer fog light | 3055 | GK:3 B/GM:1 B |
| 25 | Trailer reverse light | 3056 | GK:4 B/GM:2 B/ GN:2 B |

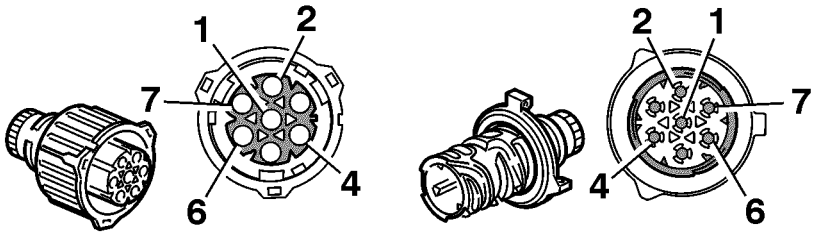
## XC351




T3019922

| Pin no: | Circuit function | Wiring no: | Diagram |
|---|---|---|---|
| 1 | Side markers ligtht | 3017 | GE:1 D |
| 2 | Side Marker light Rear | 3066 | GE:1 D |
| 3 | Ground | 1 | GE:1 D |
| 4 | Ground | 1 | GE:1 D |

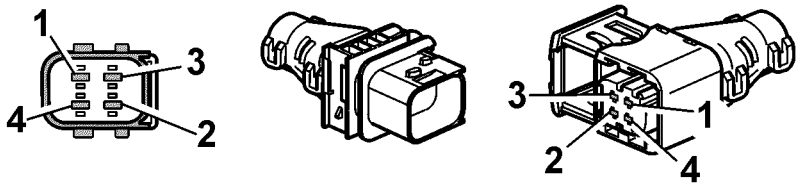
## XC353




T3020295

| Pin no: | Circuit function | Wiring no: | Diagram |
|---|---|---|---|
| 1 | Ground | 1 | GC:1 E |
| 2 | Rear direction indicator left | 3025 | GC:1 C |
| 3 | Brake light left | 3021 | GC:1 C |
| 4 | Position light rear left | 3023 | GC:1 C |
| 5 | Reverse light rear left | 3019 | GC:1 C |
| 6 | Rear fog light left | 3042 | GC:1 C |
| 7 | Reverse Warning | 3067 | GC:1 C |

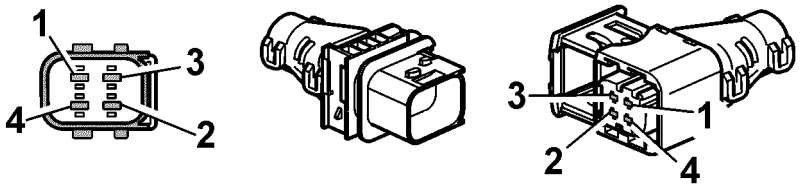
## XC354




T3071144

| Pin no: | Circuit function | Wiring no: | Diagram |
|---|---|---|---|
| 1 | Steering angle sensor supply | 2087 | FL:1 C |
| 2 | Steering angle sensor rear ground | 1042 | FL:1 C |
| 3 | Steering angle sensor rear signal 1 | 0139 | FL:1 C |
| 4 | Steering angle sensor rear signal 2 | 0140 | FL:1 C |

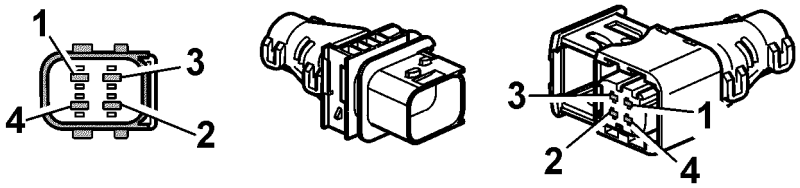
## XC355




T3071144

| Pin no: | Circuit function | Wiring no: | Diagram |
|---|---|---|---|
| 1 | LIN battery sensor | 7127 | AA:0 D |
| 2 | ACM power supply | 2019 | AA:3 A |
| 3 | Main switch status | 0004 | AB:2 B |

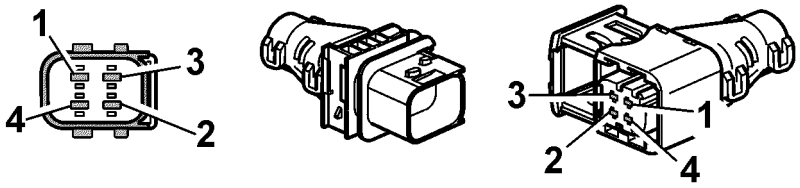
## XC356




T3071144

| Pin no: | Circuit function | Wiring no: | Diagram |
|---|---|---|---|
| 1 | EAS rear angle sensor supply | 2153 | FO:2 C |
| 2 | EAS rear angle sensor ground | 1066 | FO:2 C |
| 3 | Steering angle sensor rear signal 1 | 0227 | FO:2 C |
| 4 | Steering angle sensor rear signal 2 | 0228 | FO:2 C |

## XC358




T3071144

| Pin no: | Circuit function | Wiring no: | Diagram |
|---|---|---|---|
| 1 | Side reverse working lamp power supply | 8060 | NE:1 B |
| 3 | Ground | 1 | NE:1 C |

# List of components

| | |
|---|---|
| A01 | FRC, (Fuse and Relay Centre) (1000/1100) |
| A02P | Fuse holder, 6–fuses, bodybuilder (ND:2 B/NK:0 B/ND2:0 B) (BBEC) |
| A02X | Fuse holder, 6–fuses, bodybuilder (ND:3 B) (BBEC) |
| A02Y | Fuse holder, 6–fuses, bodybuilder (NK:2 C) (BBEC) |
| A03 | Instrument (BA:2 B) (1000) |
| A04A | Refrigerator (IF:2 C) (1110/1140) |
| A06D | El. adjustable seat (optional fan and heat) (IT:1 B/SL:1 D) (1000) |
| A06P | El. adjustable seat (optional fan and heat) (IT:3 B) (1000) |
| A07 | Control unit, Audio (IK:0 B) (1100) |
| A09 | Telephone (BU:4 B) |
| A12A | Control unit, ABS (Anti-lock Brake System) (EA:0 B) (2090) |
| A13A | Control unit, TECU (Transmission ECU) (DC1:1 C) (3010) |
| A14 | Control unit, ECM (Engine Control Module) (CB:0 C) (3000) |
| A15 | Control unit, SRS (Supplementary Restrain System) (PE:1 B) (1000) |
| A21 | Control unit, EBS (Electronic Brake System) (EE:0 B/EI:0 A/FL:0 B/GK:0 A/GL:0 A/GN:3 A) (2010) |
| A26 | Control unit, DACU (Driver Assistance Control Unit) (PA:0 B) (1000) |
| A28B | Control unit, ADR main switch (AD:0 B/AE:2 B) (2020) |
| A31 | Control unit, burglar alarm (RA:0 B) (1000) |
| A33 | Tachograph (BC:1 B) (1100) |
| A34B | Control unit, climate unit (HA:1 B) (1000) |
| A36 | Control unit, BBM (Body Builder Module) (NA:1 C/NK:1 A/ND2:1 A) (1000) |
| A41 | Component group transmission. Contains B23, B138 and Y17 (DA1:3 C/DC1:3 C) (3020) |
| A41B | Component group transmission. Contains B23, B138 and Y17 (DM:1 C) |
| A42B | Component group transmission. Contains B26, Y21, Y22, Y23 and Y26 (DC1:1 D) (3010) |
| A43 | Electric fan control (B32 fan speed sensor, Y35 visco clutch) (CB:0 D) (3000) |
| A44 | Fuel filter bracket (B51 fuel pressure sensor, M15 priming pump) (CB:2 B) (3000) |
| A45 | Fuel conditioner (B52 water level sensor, R10 heater, Y38 water drain solenoid) (CB:1 B) (3000) |
| A48 | TV (IN:1 C) (1110) |
| A116 | Control unit, amplifier (IL:1 B) (1140) |
| A122 | Control unit , toll collect OBU (BX:0 C) (1100) |
| A123 | Control unit toll collect DSRC (BX:0 D) (1100) |
| A124 | Component group engine (K65 power relay, starter motor pre-relay M04 starter motor) (CB:0 D) |
| A125 | Control unit, TGW (Telematics Gateway) (BU:2 B) (1100) |
| A132 | Control unit, alcolock (PH:I D) (1000) |
| A133 | Handset, alcolock (PH:2 D) (1000) |
| A155 | Display, SID Low (IO:2 B) (1000) |
| A156 | Display, SID High (IO:3 B) (1000) |
| A157 | Power Recliner, Bunk (IF:4 B) (1140) |
| A160 | Control unit, CIOM Cab IO Module (BG:0 C/IP:3 B/SK:0 A) (1000) |

| | |
|---|---|
| A161 | Control unit, HMIIOM Human Machine Interface IO Module (BA:1 C/SL:1 A) (1000) |
| A162 | Control unit, FCIOM Front Chassis IO Module (GA:0 B/GB:0 A/GP:3 B/HE:0 B/IC:0 A/IP:1 B) (2000) |
| A163 | Control unit, CCIOM Central Chassis IO Module (AB:0 B/CE:3 B/DA:0 A/DG:0 A/EI:2 A/FA:0 A/FB:0 A/FH:1 A/GK:3 A/GL:2 A/GN:2 A/HE:2 B/NC:0 A) (2010) |
| A164 | Control unit, RCIOM Rear Chassis IO Module (DG:3 A/EA:4 B/FB:2 A/FC:0 A/FD:1 A/FM:0 A/FQ:1 A/GC:0 B/GE:0 A/GK:1 A/GL:1 A/GN:1 A) (2040) |
| A165L | Control unit, DDM/PDM, Drive/Passenger Door Module (IR:0 C) (1150) |
| A165R | Control unit, DDM/PDM, Drive/Passenger Door Module (IS:0 C) (1150) |
| A168 | Control unit, LECM High, (Living Environment Control Module) (HA:0 C) (1140) |
| A169 | Control unit, VS (Video Switch) (IO:0 C) (1000) |
| A170 | Control panel, climate (HA:1 D) (1000) |
| A173 | HCU, Hand Control Unit, Electrical Park Brake (FE:1 B) (1000) |
| A174 | Control unit, ACM (Aftertreatment Control Module) (CE:0 B/CF:0 A/CF_AUS:0 A/DK:1 A) (2010) |
| A174B | Control unit, ACM (Aftertreatment Control Module) (CK:0 B/CL:0 A/DM:1 A) |
| A175 | Control unit, TESP, (Telematics Service Platform) (BU:0 B) (1100) |
| A176 | Control unit, LPOS, Lane Position Object Sensor (PB:1 B) (1100) |
| A177 | Control unit, APM, (Air Production Modulator) (FE:0 C) (2010) |
| A179L | Control unit, FAS, (Front Axle Steering) left (FI:1 B) (2010) |
| A179R | Control unit, FAS, (Front Axle Steering) right (FI:2 B) |
| A185 | Electric AC Compressor, EACC, parking cooler (HB:2 D) (2010) |
| A186 | Control unit, PCCU (Parking Cooler Control Unit) (HB:1 B) (2010) |
| A187 | Control unit, VMCU, Vehicle Master Control Unit (AF:2 C/BE:0 B/IB:0 A/IC:2 A/NB:0 C/NK:4 A/ND2:0 A) (1000) |
| A188 | FM signal splitter (BU:1 B) (1100) |
| A190 | Component group Adblue (CL:1 D) (2030) |
| A192 | Control unit, EAS, (Extra Axle Steering) (FO:0 B) (2040) |
| B02B | Thermostat, parking heater (1140) |
| B03 | Sensor, footbrake valve (EE:0 D) (1160) |
| B04 | Sensor, engine speed, crankshaft (CB:1 D) (3000) |
| B05 | Sensor, engine speed, camshaft (CB:1 D) (3000) |
| B07 | Sensor, fuel level (DG:0 C) (2010) |
| B09B | Sensor, oil temperature, gearbox (DA1:1 C) (3010) |
| B12 | Sensor, tachograph/speedometer (DA1:0 C/DC1:0 C) (3010) |
| B13A | Sensor, wheel speed, lhs. 1:st front axle (EA:0 D) (2010) |
| B13B | Sensor, wheel speed, lhs. 1:st front axle (EF:1 D/EF:3 D) (2010) |
| B14A | Sensor, wheel speed, rhs. 1:st front axle (EA:1 D) (2010) |
| B14B | Sensor, wheel speed, rhs. 1:st front axle (EF:1 D/EF:3 D) (2010) |
| B15A | Sensor, wheel speed, lhs. 1:st driven rear axle (EA:2 D) (2090) |
| B15B | Sensor, wheel speed, lhs. 1:st driven rear axle (EG:2 D/EG:1 D) (2090) |
| B16A | Sensor, wheel speed, rhs. 1:st driven rear axle (EA:2 D) (2090) |
| B16B | Sensor, wheel speed, rhs. 1:st driven rear axle (EG:3 D/EG:1 D) (2090) |

| | |
|---|---|
| B17 | Sensor, wheel speed, lhs. 2:nd driven rear axle (EG:3 D/EG:1 D) (2090) |
| B18 | Sensor, wheel speed, rhs. 2:nd driven rear axle (EG:4 D/EG:2 D) (2090) |
| B19 | Sensor, wheel speed, lhs. 2:nd front axle (EF:1 D) (2010) |
| B20 | Sensor, wheel speed, rhs. 2:nd front axle (EF:2 D) (2010) |
| B21 | Sensor, coolant temperature, engine (CB:1 B) (3000) |
| B22 | Sensor, outdoor temperature (HE:0 D) (2000) |
| B23A | Sensor, oil temperature, retarder (DA1:3 C/DC1:3 C) |
| B24A | Sensor, air pressure, bogie lift bellow (FC:3 D) (2080) |
| B25 | Sensor, accelerator pedal (BE:1 D) (1000) |
| B28 | Sensor, chassis level, front axle (FB:0 C) (2010) |
| B28L | Sensor, chassis level, front axle left (FB:0 D) (2010) |
| B28R | Sensor, chassis level, front axle right (FB:0 D) (2010) |
| B29B | Sensor, chassis level, lhs. rear axle (FB:2 D/FQ:1 C) (2080) |
| B30 | Sensor, chassis level, rhs. rear axle (FB:2 D) (2080) |
| B32 | Sensor, engine cooling fan speed (Included in A43) (CB:0 D) |
| B37 | Sensor, boost pressure and boost temperature (CB:1 D) (3000) |
| B39 | Sensor, air filter pressure and air filter temperature (CB:1 B) (3000) |
| B40B | Sensor, brake lining wear indicator, lhs. 1:st front axle (EF:0 D/EF:3 D) (2010) |
| B41B | Sensor, brake lining wear indicator, rhs. 1:st front axle (EF:0 D/EF:3 D) (2010) |
| B42A | Sensor, brake lining wear indicator, lhs. 1:st driven rear axle (EG:2 D) (2090) |
| B42B | Sensor, brake lining wear indicator, lhs. 1:st driven rear axle (EG:0 D) (2090) |
| B43A | Sensor, brake lining wear indicator, rhs. 1:st driven rear axle (EG:2 D) (2090) |
| B43B | Sensor, brake lining wear indicator, rhs. 1:st driven rear axle (EG:0 D) (2090) |
| B44B | Sensor, brake lining wear indicator, lhs. 2:nd driven rear axle (EG:3 D/EG:0 D) (2090) |
| B45B | Sensor, brake lining wear indicator, rhs. 2:nd driven rear axle (EG:3 D/EG:1 D) (2090) |
| B46B | Sensor, brake lining wear indicator, lhs. 2:nd front axle (EF:0 D) (2010) |
| B47B | Sensor, brake lining wear indicator, rhs. 2:nd front axle (EF:1 D) (2010) |
| B49 | Sensor, steering angle (EE:3 D) (1000) |
| B49R | Sensor, steering angle, rear (FL:1 D) (2100) |
| B50 | Sensor, yaw-rate (EE:3 D) (2010) |
| B51 | Sensor, fuel pressure (CB:2 B) (3000) |
| B52 | Sensor, water level (Included in A45) (CB:2 B) |
| B54 | Sensor, crank case pressure (CB:1 B) (3000) |
| B56L | Sensor, air pressure, suspension bellows, front axle left (FA:1 D) (2010) |
| B56R | Sensor, air pressure, suspension bellows, front axle right (FA:1 D) (2010) |
| B57 | Sensor, air pressure, suspension bellows, lhs. rear (FD:1 D) (2080) |
| B58 | Sensor, air pressure, suspension bellows, rhs. rear (FD:1 D) (2080) |
| B60LD | Loudspeaker, left door (IK:1 D/IL:1 E) (1150) |
| B60LF | Loudspeaker, left front (IK:1 D/IL:2 D) (1000) |

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| B60LR | Loudspeaker, left rear (IK:2 D/IL:2 E) (1140) |
| B60RD | Loudspeaker, right door (IK:2 D/IL:1 D) (1150) |
| B60RF | Loudspeaker, left front (IK:2 D/IL:3 D) (1000) |
| B60RR | Loudspeaker, right rear (IK:2 D/IL:2 D) (1140) |
| B61L | Loudspeaker, treble left (IK:1 D/IL:2 D) (1000) |
| B61R | Loudspeaker, treble right (IK:1 D/IL:3 D) (1000) |
| B63 | Microphone, (handsfree) (IK:3 A) (1100) |
| B66 | Sensor, EGR temperature (CB:3 D) (3000) |
| B67 | Rear view camera (IO:0 D) |
| B69 | Sensor, coolant temperature, retarder (DA1:3 B/DC1:3 B) (3020) |
| B70 | Sensor, wheel speed, lhs., pusher axle (EH:1 C) (2090) |
| B71 | Sensor, wheel speed, rhs., pusher axle (EH:1 C) (2090) |
| B72 | Sensor, wheel speed, lhs., tag axle (EH:2 C) (2090) |
| B73 | Sensor, wheel speed, rhs., tag axle (EH:2 C) (2090) |
| B74B | Sensor, brake lining wear indicator, lhs., pusher axle (EH:0 C) (2090) |
| B75B | Sensor, brake lining wear indicator, rhs., pusher axle (EH:0 C) (2090) |
| B76B | Sensor, brake lining wear indicator, lhs., tag axle (EH:1 C) (2090) |
| B77B | Sensor, brake lining wear indicator, rhs., tag axle (EH:2 C) (2090) |
| B85 | Sensor, exhaust temp, downstream DPF (CK1:1 C) (2030) |
| B90 | Transmitter, movement sensor (Included in B242) (RA:2 D) |
| B91 | Receiver, movement sensor (Included in B242) (RA:2 D) |
| B96A | Sensor, NOx (CE1:2 C/CK1:2 C) (2030) |
| B96B | Sensor, NOx (CK1:3 C) (2030) |
| B97 | Sensor, exhaust temp, upstream catalyst (CE1:1 C/CK1:0 C) (2030) |
| B98 | Sensor, exhaust temp, downstream catalyst (CK1:0 C) (2030) |
| B102 | Sensor, oil temperature (CB:3 D) (3000) |
| B115 | Sensor, DPF pressure (CK1:0 C) (2030) |
| B118 | Sensor, oil pressure (CB:1 B) (3000) |
| B119 | Sensor, oil level and oil temp (CB:1 D) (3000) |
| B138 | Sensor, Control pressure retarder (Included in A41) (DA1:3 C/DC1:3 C) |
| B142 | Sensor, AdBlue level and temperature (CF:3 C/CF_AUS:3 C) (2030) |
| B142B | Sensor, AdBlue level and temperature (CL:2 D) (2030) |
| B184 | Loudspeaker, subwofer (IL:3 C) (1140) |
| B187 | AT/AHI fuel pressure (CB:3 B) (3000) |
| B207 | Sensor, oil cooling jet pressure (CB:3 B) (3000) |
| B213 | Sensor, pressure, butterfly valve backpressure (CB:4 B) (3000) |
| B234 | Sensor, 5th wheel (NC:1 D) (2040) |
| B236 | Sensor, Defog (HA:3 D) (1100) |
| B237 | Sensor, Brake pressure (EA:3 D) (2040) |
| B238 | Sensor, FLS (Forward Looking Sensor) (PA:0 C) (2000) |
| B240 | Sensor, Sun sensor (HA:2 D) (1000) |
| B242 | Ultrasonic Instrusion Protection (UIP) (RA:2 D) (1110) |
| B243 | Sensor, rain (GP:2 C) (1000) |

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| B244 | Sensor, Cab temperature (HA:2 D) (1000) |
| B245A | Camera, accessory (IO:1 D) |
| B245B | Camera, accessory (IO:1 D) |
| B245C | Camera, accessory (IO:2 D) |
| B246 | Sensor, Side sensor (PA:2 D) (1140) |
| B247 | Sensor, AdBlue quality sensor (CF:3 D) |
| B248 | Sensor, pressure, pusher lift (FC:2 D) (2080) |
| B249 | Sensor, Washer fluid level (GP:3 D) (2000) |
| B250 | Sensor, Battery (AA:0 D) (2020) |
| B253 | Transmitter, Burglar Alarm (Included in B242) (RA:3 D) |
| B262 | Sensor, Adblue pressure (CL:2 D) (2030) |
| B263 | Sensor, Adblue air pressure (CL:3 D) (2030) |
| B267 | Sensor, steering angle, EAS (Extra Axle Steering) (FO:2 D) (2100) |
| B271 | Microphone, TGW2 (BU:3 D) |
| BB1 | Connector, Chassis Body Builder 1 (ND:2 D/ND2:1 C) (2120) |
| BB2 | Connector, Chassis Body Builder 2 (ND:0 D/ND2:2 C) (2120) |
| BB3 | Connector, Chassis Body Builder 3 (ND:1 D/ND2:3 C) (2120) |
| BBEC1 | Connector, Body Builder Electrical Center 1 (GK:2 A/GL:2 A/ND:0 B/ND:3 D/NE:0 A/ND2:0 B) (1000) |
| BBEC2 | Connector, Body Builder Electrical Center 2 (ND:0 D/ND2:1 C) (1000) |
| BBEC3 | Connector, Body Builder Electrical Center 3 (ND1:0 C) |
| E01L_PL | Lamp, full beams (NK:2 D) |
| E01R_PL | Lamp, full beams (NK:3 D) |
| E02L_PL | Lamp, dipped beams (NK:2 D) |
| E02R_PL | Lamp, dipped beams (NK:2 D) |
| E06 | Lamp, reversing light (GC:1 D/GC:2 D) (2070) |
| E08L_PL | Lamp, parking light, front (NK:1 D) |
| E08R_PL | Lamp, parking light, front (NK:3 D) |
| E09 | Lamp, brake light (GC:1 D/GC:2 D) (2070) |
| E10 | Lamp, tail light (GC:1 D/GC:2 D) (2070) |
| E11LC | Lamp, side marker light, (GE:0 C) (2050) |
| E11LF | Lamp, side marker light (GE:0 C) (2050) |
| E11LR | Lamp, side marker light (GE:2 C) (2050) |
| E11LR2 | Lamp, side marker light (GE:2 C) |
| E11LW | Lamp, side marker light (GE:1 C) (2050) |
| E11RC | Lamp, side marker light (GE:1 C) (2050) |
| E11RF | Lamp, side marker light (GE:0 C) (2050) |
| E11RR | Lamp, side marker light (GE:2 C) (2050) |
| E11RR2 | Lamp, side marker light (GE:3 C) |
| E11RW | Lamp, side marker light (GE:2 C) (2050) |
| E13 | Lamp, direction indicator (GC:1 D) (2070) |
| E13L | Lamp, direction indicator (GA:0 C) (2000) |
| E13L_PL | Lamp, direction indicator (NK:1 D) |
| E13R | Lamp, direction indicator (GB:0 C) (2000) |
| E13R_PL | Lamp, direction indicator (NK:3 D) |
| E16L | Lamp, instep light (IC:2 D) (1150) |
| E16R | Lamp, instep light (IC:3 D) (1150) |
| E21 | Lamp, rear fog light (GC:1 D/GC:2 D) (2070) |
| E23L | Lamp, luggage compartment illumination (IB:1 C) (1140) |
| E23R | Lamp, luggage compartment illumination (IB:1 C) (1140) |

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| E27L | Tail lamp module (GC:1 D) (2070) |
| E27R | Tail lamp module (GC:2 C) (2070) |
| E29C | Lamp, identification light (GF:2 E) (1100) |
| E29C_H1 | Lamp, identification light (GF:3 E) (1110) |
| E29L | Lamp, identification light (GF:2 E) (1100) |
| E29L_H1 | Lamp, identification light (GF:4 E) (1110) |
| E29R | Lamp, identification light (GF:2 E) (1100) |
| E29R_H1 | Lamp, identification light (GF:3 E) (1110) |
| E39 | Lamp, Licence Plate Illumination (GC:2 D) (2070) |
| E83L | Headlight module (GA:2 C) (2000) |
| E83R | Headlight module (GB:2 C) (2000) |
| E85L | Lamp, interior light, roof (IA:1 C) (1110) |
| E85R | Lamp, interior light, roof (IA:1 C) (1110) |
| E86 | Lamp, interior light, bed light, side walls (IB:2 D/IB:2 D) (1140) |
| E86A | Lamp, interior light, bed light, side walls (IB:3 D) (1110) |
| E88 | Lamp, interior light, snake lamp (IA:4 C/ IA:4 C) (1100) |
| E90 | Lamp, interior light, map/reading light, midsection (IA:1 D) (1100) |
| E93C | Lamp, interior light, storage light, front shelf (IA:2 D) (1100) |
| E93L | Lamp, interior light, storage light, front shelf (IA:2 D) (1100) |
| E93R | Lamp, interior light, storage light, front shelf (IA:2 D) (1100) |
| E94L_EMB | Lamp, position light, EMB (GF:0 E) (1110) |
| E94L_EOM | Lamp, position light, EOM (GF:0 D) |
| E94R_EMB | Lamp, position light, EMB (GF:1 E) (1110) |
| E94R_EOM | Lamp, position light, EOM (GF:1 D) |
| E98L | Auxiliary unit, left (GA:1 C) (2000) |
| E98R | Auxiliary unit, right (GB:1 C) (2000) |
| E106 | Lamp, interior light, ambient light, catwalk (IA:0 C/IA:0 C) (1100) |
| E108 | Lamp, interior light, ambient light, center stack (IB:0 C) (1000) |
| E109L | Lamp, door trim list, light guides (IC:2 D) (1150) |
| E109R | Lamp, door trim list, light guides (IC:3 D) (1150) |
| E110 | Lamp, interior light, cup holder light (IF:0 C) (1000) |
| E111 | LED module, forward collision warning (PA:2 A) (1000) |
| E113L | Lamp, interior light, storage light, rear shelf (IB:3 C) (1110) |
| E113LC | Lamp, interior light, storage light, rear shelf (IB:3 C) (1110) |
| E113R | Lamp, interior light, storage light, rear shelf (IB:4 C) (1110) |
| E113RC | Lamp, interior light, storage light, rear shelf (IB:4 C) (1110) |
| E119L | Lamp, instep light (IC:1 C) (1160) |
| E119R | Lamp, instep light (IC:1 C) (1160) |
| E126L | Lamp, interior light, catwalk reading light (IA:3 D) (1100) |
| E126R | Lamp, interior light, catwalk reading light (IA:3 D) (1100) |
| E127A | Parking heater, air (HD:1 C) (1140) |
| E128 | Parking heater, water (HC:1 C) (2010) |
| E129L | Lamp, door warning lamp (IR:1 D) (1150) |
| E129R | Lamp, door warning lamp (IS:1 D) (1150) |
| EL0L | Lamp, full beam, inside sign area, roof (NF:4 C) (1110) |
| EL0R | Lamp, full beam, inside sign area, roof (NF:4 C) (1110) |
| EL2LF | Lamp, side/reverse working light (NE:2 C) (2125) |

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| EL2LR | Lamp, side/reverse working light (NE:1 C) (2125) |
| EL2RF | Lamp, side/reverse working light (NE:2 C) (2125) |
| EL2RR | Lamp, side/reverse working light (NE:1 C) (2125) |
| EL3AL | Lamp, cab/body working light (NE:3 D) |
| EL3AR | Lamp, cab/body working light (NE:4 D) |
| EL3L | Lamp, cab/body working light (NE:3 D) (1110/1140) |
| EL3R | Lamp, cab/body working light (NE:3 D) (1110/1140) |
| EL4LF | Lamp, beacon warning lamp, roof (NF:1 C) (1110) |
| EL4LR | Lamp, beacon warning lamp, roof (NF:1 D) (1110) |
| EL4RF | Lamp, beacon warning lamp, roof (NF:2 C) (1110) |
| EL4RR | Lamp, beacon warning lamp, roof (NF:2 D) (1110) |
| EL5L | Lamp, roof light sign (NF:3 D) (1100) |
| EL5R | Lamp, roof light sign (NF:3 D) (1100) |
| EL6 | Lamp, extra spot, front (NE:2 C) (1160) |
| EL7 | Lamp, 5th wheel/load light (NC:3 C/GN:2 B) (2010) |
| FMS | Connector, FMS, Fleet Management Systems (BX:2 D) (1000) |
| G01A | Battery (AA:1 D/AE:1 B) (2020) |
| G01B | Battery (AA:1 D/AE:1 B) (2020) |
| G02 | Alternator (AA:3 D) (3000) |
| GIC020 | Engine interface (CA:0 D/CB:0 A) (3000) |
| H01 | Horn, air-operated (IP:1 D) (2000) |
| H02 | Horn (IP:1 D) (2000) |
| H03 | Reverse warner, acoustic (GC:3 D) (2070) |
| H06 | Siren (RA:3 D) (2000) |
| JUMPER | (AA:2 C) (2020) |
| K02 | Relay, refrigerator (IF:2 A) |
| K03 | Relay, sunroof motor 2 (IU:1 B) |
| K04 | Relay, sunroof motor 1(IU:0 B) |
| K05 | Relay, front wiper on/off (GP:0 B) |
| K06 | Relay, front wiper low/high (GP:0 B) |
| K07 | Relay, body builder electrical centre, power supply 2 (ND:2 A/ND1:3 B) |
| K08 | Relay, accessories (IF:3 A) |
| K09 | Relay, engine running (IT:0 A) |
| K10 | Relay, body builder electrical centre, extra spot lamps (NF:0 A) |
| K11 | Relay, power supply 4 (IF:3 A/IG:2 A) |
| K12 | Relay, roof light sign (NF:3 A) |
| K13 | Relay, beacon warning lamps (NF:1 A) |
| K14 | Relay, power supply 3 (IF:1 A) |
| K15 | Relay, full beam inside sign area (NF:4 A) |
| K16 | Relay, headlight washer pump (GP:1 B) |
| K17 | Relay, TECU (DC:0 A) |
| K20 | Relay, BB ignition (ND:3 A) |
| K21 | Relay, mirror heating (IR:1 A/IS:1 A) |
| K22 | Relay, ignition (BX:2 A) |
| K24 | Relay, seats movement (IT:3 A) |
| K27 | Relay, EMS (Engine Management System) (CA:3 A) |
| K28 | Relay, cab tilt pump (KA:1 A) |
| K30 | Relay, taillift enable/crane (ND:2 C) |
| K31 | Relay, extra spot lamp front EL6 (NE:0 B) |
| K32 | Relay, side reverse working lamp EL2 (NE:1 B) |

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| K33 | Relay, cab/body working lamp EL3 (NE:3 B) |
| K48 | Power relay, engine preheating (AA:2 D/ CB:1 B) (3000) |
| K52A | Power relay, FLL motor 1 (BG:1 B) (1000) |
| K52B | Power relay, FLL motor 2 (BG:1 B) (1000) |
| K65 | Relay, starter motor (CB:0 D) (3000) |
| K69 | Relay, fuel heater (HF:1 C) (1000) |
| K70A | Relay, ADR/SLP (AE:1 B) (2020) |
| K70B | Relay, ADR/SLP (AE:1 C) (2020) |
| K71 | Relay, audio switch telematics, L+ (BU:1 D) (1100) |
| K90 | Relay, (NK:2 B) |
| K91 | Relay, (NK:3 B) |
| K92 | Relay, (NK:4 B) |
| K95 | Relay, microwave oven (IF:3 C) (1100) |
| K96 | Relay (ND2:3 B) |
| M01 | Motor, windscreen wiper (GP:0 C) (1160) |
| M02 | Motor, windscreen washer pump (GP:3 D) (2000) |
| M03 | Motor, headlamp high pressure washer pump (GP:1 C) (2000) |
| M04 | Motor, starter motor (AA:2 D/CB:0 D) (3000) |
| M05 | Motor, hydraulic bogie lift pump unit (FQ:1 C) (2080) |
| M09L | Motor, door lock (IR:2 D) (1150) |
| M09R | Motor, door lock (IS:2 D) (1150) |
| M11 | Motor, cab tilt pump (KA:1 C) (2000) |
| M11_RHD | Motor, cab tilt pump (KA:1 C) (2000) |
| M13 | Motor, coolant pump, parking heater (HE:2 D) |
| M14 | Motor, central lubrication pump (LA:0 C) (2040) |
| M15 | Motor, electrical fuel pump (CB:2 B) (3000) |
| M43 | Motor, sun visor, front (IU:2 C) (1100) |
| M44L | Motor, window lift with antipinch (IR:0 D) (1150) |
| M44R | Motor, window lift with antipinch (IS:0 D) (1150) |
| M45L | Motor, window lift without antipinch (IR:2 D) (1150) |
| M45R | Motor, window lift without antipinch (IS:2 D) (1150) |
| M48 | Motor, front lid lock (BG:1 B) (1160) |
| M49 | Adblue pump module (CF:1 D/CF_AUS:2 D) (2030) |
| M50 | Motor, ESCL (Electrical Steering Column Lock) (BG:2 C) (1000) |
| M51 | Motor, sun roof, unit (IU:1 C) (1110) |
| M55 | Condensor fan, parking cooler (HB:1 C) (1160) |
| M73 | Motor, AdBlue dosage pump (CL:4 D) (2030) |
| OBD | Connector, OBD, (On-Board Diagnostics) (XA:1 C) (1000) |
| R01 | Heater, engine preheat (AA:3 D/CB:0 A) (3000) |
| R02L | Heater, rear-view mirror (IR:1 B) (1150) |
| R02R | Heater, rear-view mirror (IS:1 B) (1150) |
| R04 | Cigarette lighter (IF:0 C) (1000) |
| R10 | Heater, fuel pre filter (Included in A45) (CB:3 B) |
| R11 | Heater, coffee maker (IF:3 D) (1140) |
| R14 | Termination resistor (PA:3 C/PA:3 E) |
| R14B | Termination resistor (PH:3 B) |
| R23 | Heater, AdBlue hose,red (CF:0 D) (2030) |

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| R46 | Heater, fuel hose, thermoline (HF:1 D) (2010) |
| R55 | Microwave oven (IF:3 C) |
| R56 | Heater, AdBlue hose, white (CF:0 D) (2030) |
| R56A | Heater, AdBlue hose, yellow (CL:0 D) (2030) |
| R57 | Heater, AdBlue hose, black (CF:0 D) (2030) |
| R57A | Heater, AdBlue hose, black (CL:0 D) (2030) |
| S02 | Stalk switch, full-/dipped beam, direction indicator (see S275) (1000) |
| S06 | Stalk switch, windscreen wiper (see S275) (1000) |
| S14 | Switch, push button, horn (IP:3 D) (1000) |
| S15 | Switch, key switch (AF:1 B) (1000) |
| S24 | Stalk switch, retarder (see S275) (1000) |
| S26B | Switch, cab tilt pump, chassis (KA:2 C) (1160) |
| S36L | Switch unit, door functions (IR:2 B) (1150) |
| S36R | Switch unit, door functions (IS:2 C) (1150) |
| S38 | Switch, ADR, emergency switch, cab (AD:3 A) (1000) |
| S39 | Switch, ADR, emergency switch, exterior (AD:3 C) (1140) |
| S45 | Position switch, differential gear lock indicator, rear wheels (DG:3 C) (2070) |
| S45R | Position switch, differential gear lock indicator, rear wheels (DG:3 C) (2070) |
| S46 | Pressure switch, bogie lift indicator, NO. (FQ:2 D) (2080) |
| S47 | Position switch, low split indicator, NO. (DA1:2 C) (3010) |
| S49 | Position switch, reverse lamps, NO. (DA1:2 C) (3010) |
| S52L | Proximity switch, cab lock, NO. (KA:3 C) (1140) |
| S52R | Proximity switch, cab lock, NO. (KA:3 D) (1140) |
| S55 | Thermal switch (HE:2 C) |
| S57L | Position switch, luggage compartment lighting, NC. (IB:1 D) (1140) |
| S57R | Position switch, luggage compartment lighting, NC. (IB:1 D) (1140) |
| S58 | Position switch, clutch pedal, NO. (BE:2 D) (1000) |
| S60A | Pressure switch, oil, power steering, NC. (FH:1 C) (2010) |
| S60A_RHD | Pressure switch, oil, power steering, NC. (FH:2 C) |
| S60B | Pressure switch, oil, power steering, NC. (FH:1 C) (2010) |
| S60B_RHD | Pressure switch, oil, power steering, NC. (FH:2 C) |
| S63 | Position switch, low range gear (DA1:2 C) (3010) |
| S68 | Proximity switch, coolant level (CB:2 B) (3000) |
| S70 | Position switch, flow sensor, power-steering, NC. (FH:1 C) (2010) |
| S70_RHD | Position switch, flow sensor, power-steering, NC. (FH:3 C) |
| S77 | Switch, emergency call (BU:3 D) (1000) |
| S80 | Position switch, front hatch (RA:1 D) (1160) |
| S95 | Switch, Panic alarm (RA:1 B) (1000) |
| S101 | Switch, position switch, gear box neutral position (DA1:1 C) (3010) |
| S169 | Switch, battery main switch (AC:1 C) (2020) |
| S171 | Switch, GLU (Gearlever unit (1000) |
| S222C | Switch, interior light, storage, front shelf (IA:2 C) (1100) |

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| S222DS | Switch, interior light, storage, front shelf (IA:2 C) (1100) |
| S222PS | Switch, interior light, storage, front shelf (IA:2 C) (1100) |
| S227 | Switch, fuel heater, thermoline (HF:1 B) (1000/1100) |
| S238 | Switch, sun visor, front (IU:2 C) (1100) |
| S243 | Switch 1, body builder electrical centre (ND1:0 B) |
| S243A | Switch 1, body builder electrical centre (ND:0 B) |
| S244 | Switch 2, body builder electrical centre (ND:0 B) |
| S244A | Switch 2, body builder electrical centre (ND1:0 B) |
| S245 | Switch 3, body builder electrical centre (ND:0 B) |
| S245A | Switch 3, body builder electrical centre (ND1:1 B) |
| S246 | Switch 4, body builder electrical centre (ND:1 B) |
| S246A | Switch 4, body builder electrical centre (ND1:2 B) |
| S247 | Switch, identification lights (GF:3 B) (1100) |
| S254 | Switch, battery main switch (AC:1 C) (2010) |
| S255 | Exterior light control panel (SK:2 C) (1000) |
| S257 | SID control panel (SL:2 D) (1000) |
| S258 | Switch, flexible panel 1 (SK:0 C) (1100) |
| S259 | Switch, flexible panel B(SK:4 D) (1140) |
| S260 | Switch, flexible panel 2 (SK:0 D) (1100) |
| S262 | Switch, flexible panel 7 (SK:2 B) (1000) |
| S263 | Switch, flexible panel 3 (SK:1 B) (1000) |
| S265 | Switch, flexible panel 4 (SK:1 C) (1000) |
| S267 | Switch, flexible panel 5 (SK:1 D) (1000) |
| S269 | Switch, flexible panel 6 (SK:1 D) (1000) |
| S270 | Switch, flexible panel 8 (SK:2 C) (1000) |
| S271 | Switch, flexible panel 9 (SK:2 B) (1000) |
| S272 | Switch, ILCP, Interior Light Control Panel (SK:0 B) (1100) |
| S275 | Stalk module, on steering column (connected to S02, S06 and S24 ) (SL:2 D) (1000) |
| S283L | Switch, interior light, storage, rear shelf (IB:3 C) (1110) |
| S283LC | Switch, interior light, storage, rear shelf (IB:3 C) (1110) |
| S283R | Switch, interior light, storage, rear shelf (IB:4 C) (1110) |
| S283RC | Switch, interior light, storage, rear shelf (IB:4 C) (1110) |
| S285 | Steering wheel switch module (SL:1 D) (1000) |
| S287 | Switch unit, ECS, wired remote control (SK:4 B) (1000) |
| S295 | Switch unit, ECS, dash GSU (Gear Shift Unit) (SL:2 D) (1000) |
| U01 | Modulator, EBS, front FAA20 (EF:0 B) (2010) |
| U03A | Modulator, EBS, one rear driven axle (EG:2 B) (2090) |
| U03B | Modulator, EBS, two rear driven axles (EG:0 B) (2090) |
| U03C | Modulator, EBS, rear axle (EG:3 B) (2090) |
| U04 | Modulator, EBS, pusher axle (EH:0 B) (2090) |
| U05 | Modulator, EBS, trailer (EI:0 D) (2010) |
| U07 | Modulator, EBS, tag axle (EH:1 B) (2090) |
| U08 | Modulator, EBS, front FAA10 (EF:3 B) (2010) |

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| U10 | Voltage converter,12V ABS Trailer(GN:0 C) (2010) |
| U29 | Voltage converter (IG:3 C) (1100) |
| U30 | Voltage converter (IG:0 C) (1000) |
| U33 | Voltage converter (IG:2 C) (1100) |
| V03 | Diode (FQ:2 C) (2080) |
| V04 | Diode (FQ:2 C) (2080) |
| V07 | LED, indicator, Alarm (RA:1 B) (1100) |
| V32 | LED, indicator, LCS (Lane Change Support) (PA:3 C) (1100) |
| W02 | Antenna, immobiliser (BG:0 D) (1000) |
| W06 | Antenna, GSM (BU:3 B) |
| W14 | Antenna, GSM/GPS (BU:3 A) |
| W15 | Antenna, module (BU:3 B) |
| W16 | Antenna, FM (BU:1 A) |
| W17 | Antenna, GSM, toll collect (BX:1 C) |
| W18 | Antenna, GPS, toll collect (BX:1 C) |
| W20 | Antenna, module (IN:2 B) |
| W21 | Antenna, WLAN, Wireless Local Area Network (BU:3 A) |
| WRC | Connector, WRG, Wireless Remote Control (FB:3 C) (1100) |
| X02 | Trailer connection, ABS/EBS (GK:0 D) (2060) |
| X02R | Trailer connection, ABS/EBS, Rigid (GN:3 E) |
| X02T | Trailer connection, ABS/EBS, Tractor (GN:3 E) |
| X02_2 | Connector, trailer ABS/EBS 7–pin (GL:0 D) (2010) |
| X03 | Trailer connection, 15–pole unit (GK:1 D) (2060) |
| X03_2 | Connector, trailer 15–pin (GL:1 D) (2010) |
| X04 | Trailer connection, 7–pole unit, 24 N (GK:3 D) (2060) |
| X05 | Trailer connection, 7–pole unit, 24 S (GK:3 D) (2060) |
| X07A | Socket, 12V (IG:1 D) (1000) |
| X24 | Socket, 12V Accessories power supply (IG:1 D) |
| X25 | Connector, B+ frame (AA:2 B/GN:0 B) |
| X51 | Plug, 12V Trailer connector (GN:1 E) |
| X54 | Connector, Engine (B+) power (AA:2 D) (3000) |
| X55 | Plug, start aid (AA:1 C) (2020) |
| X63 | Trailer connection, VBG 14 (GM:1 C) (2060) |
| X66 | Connector, USB, Audio (IK:0 C) (1000) |
| X67 | Connector, USB, AUX (IK:2 A) (1000) |
| X105 | Socket, 24V outlet (IF:1 C) (1000) |
| X106 | Socket, 24V outlet (IF:1 C) (1140) |
| X114 | Socket, connector, CB supply (IG:2 D/ IG:3 D) (1100) |
| X115A | Contact reel, airbag (IP:2 C/PE:1 C/SL:0 B) (1000) |
| X115B | Contact reel, without airbag (IP:3 C/SL:2 B) (1000) |
| X167 | Connector, Tipper prep kit 1 (ND2:1 D) |
| X168 | Connector, Tipper prep kit 2 (ND2:1 D) |
| X169 | Connector, Tipper prep kit 3 (ND2:1 E) |
| X170 | Connector, Tipper prep kit 4 (ND2:1 D) |
| X171 | Connector, Tipper prep kit 5 (ND2:2 D) |
| X172 | Connector, Tipper prep kit 6 (ND2:3 D) |
| X173 | Connector, Tipper prep kit 7 (ND2:3 D) |
| X174 | Connector, Tipper prep kit 8 (ND2:3 D) |
| X176 | Connector, Tipper prep kit 9 (ND2:3 D) |

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|---|---|
| X177 | Connector, Tipper prep kit 10 (ND2:4 D) |
| X180 | Trailer connection, 7-pole, Tractor (GN:4 E) |
| XC205 | Cab passthrough, B+ (AA:1 B) (1000) |
| XC302 | Connector, GIC020, engine interface (AA:3 D/CA:0 D/CA1:1 D/HE:3 B) (2010/3000) |
| XC303 | Connector, GIC021, transmission interface (BC:1 D/DA:0 C/DC:0 C/DK:1 D/DM:1 C/NC:2 D) (2010/3010) |
| XC312 | Connector, GIC128, muffler interface (CE:0 D/CK:0 D) (2010/2030) |
| Y02 | Solenoid valve, differential lock, rear wheels (DG:4 C) (2010) |
| Y03 | Solenoid valve, differential lock, inter axles, rear (DG:3 C) (2010) |
| Y05 | Solenoid valve, bogie lift (FQ:2 C) (2080) |
| Y06 | Solenoid valve, range inhibitor (DA1:1 C) (3010) |
| Y10 | Solenoid valve, 3:rd axle lock (FM:2 C) (2080) |
| Y11 | Solenoid valve unit, ABS, lhs. front (EE:1 D) (2010) |
| Y11_A | Solenoid valve unit, ABS, lhs. front (EA:1 D) (2010) |
| Y12 | Solenoid valve unit, ABS, rhs. front (EE:1 D) (2010) |
| Y12_A | Solenoid valve unit, ABS, rhs. front (EA:1 D) (2010) |
| Y13 | Solenoid valve unit, ABS, lhs. rear (EA:2 D) (2090) |
| Y14 | Solenoid valve unit, ABS, rhs. rear (EA:2 D) (2090) |
| Y17 | Solenoid valve, retarder (Included in A41) (DA1:3 C/DC1:3 C) |
| Y18A | Solenoid valve, PTO (Power Take Off) (NC:2 C) (2010) |
| Y18B | Solenoid valve, PTO (Power Take Off) (NC:2 C) (2010) |
| Y31 | Solenoid valve, area inhibitor (DA1:1 C) (3010) |
| Y32A | Fuel dosing pump, parking heater (HC:1 D) (2010) |
| Y33 | Solenoid valve, UI (Unit Injectors) (CB:3 D) (3000) |
| Y34 | Actuator, EGR system (CB:0 D) (3000) |
| Y35 | Actuator, EGR system (Included in A43) (CB:0 B) |
| Y37 | Solenoid valve unit, AVU (Air Valve Unit) (CB:2 B) (3000) |
| Y37A | Solenoid valve unit, AVU (Air Valve Unit) (CB:3 B) (3000) |
| Y37B | Solenoid valve unit, AVU2 (Air Valve Unit) (CB:2 B) (3000) |
| Y38 | Solenoid valve, WIF, fuel pre filte water draining (Included in A45) (CB:1 B) |
| Y39 | Solenoid valve, VCB (CB:3 B) (3000) |
| Y40 | Solenoid valve unit, front axle, air suspension (FA:2 D) (2010) |
| Y42 | Clutch, magnetic, air conditioning compressor (HE:3 C) (3000) |
| Y43DS | Seat belt tensioner, pyrotechnical (PE:2 D) (1000) |
| Y43PS | Seat belt tensioner, pyrotechnical (PE:2 D) (1000) |
| Y44 | Air-bag, pyrotechnical (PE:1 D) (1000) |
| Y53 | Control valve block , RAS (FL:2 D) (2100) |
| Y72 | Solenoid valve, Airhorn (IP:1 D) (1160) |
| Y80 | Solenoid valve, AdBlue dosing unit (CE1:1 C) (2030) |
| Y81 | Solenoid valve, AdBlue tank heating (CF:1 D) (2030) |
| Y81C | Solenoid valve, AdBlue tank heating (CL:1 D) (2030) |
| Y102 | Solenoid valve, 5th wheel slide (NC:0 C) |
| Y103 | AHI (CB:0 B) (3000) |

| | |
|---|---|
| Y109 | Electro clutch, coolant pump (CB:2 B) (3000) |
| Y110 | Solenoid valve, oil thermostat (CB:2 B) (3000) |
| Y111 | Solenoid valve, oil piston cooling jet (CB:2 B) (3000) |
| Y114 | Throttle (CB:1 D) (3000) |
| Y134B | Solenoid valve, ETB (Electrical Trailer Brake) (EI:3 C) (2010) |
| Y135 | Solenoid valve unit (FD:2 D) (2080) |
| Y136 | Solenoid valve unit (FC:2 D) (2080) |
| Y137 | Mega valve unit (FC:0 D) (2080) |
| Y154 | Control valve block, EAS (Extra Axle Steering) (FO:2 D) (Y154) |

# Abbreviations

| | |
|---|---|
| ABS | Antilock brake system |
| ACTST-TO | Active steering, torque overlay |
| ADR1 | ADR adaptation, 1 switch |
| ADR2 | ADR adaptation, 2 switches |
| ADR3 | ADR adaptation, for safe loading pass (SLP) |
| ADTP-BC | Ad-blue tank position right, below cab |
| ADTP-L | Ad-blue tank position left |
| ADTP-LF | Ad-blue tank position left, front |
| ADTP-M | Ad-blue tank position mid |
| ADTP-MR | Ad-blue tank position mid, right side |
| ADTP-R | Ad-blue tank position right2 |
| AUXSW4 | Wiring for four AUX switches |
| BBEC | Body builder electrical center |
| BBM | Body builder module |
| BBOX-EF | Battery box, end of frame |
| BBOX-L | Battery box, left hand side |
| BSYS-CON | Brake system, conventionel |
| CHH-LOW | Chassis height low |
| CPC-ADV | Cab parking cooler, advanced |
| DACU | Driver assistance control unit |
| DS | Driver side |
| EAS | Extra axle steering |
| EASP5 | Exhaust aftertreatment system RH chassis 70 cm X-DIR |
| EASP7 | Exhaust aftertreatment system RH chassis 50 cm X-DIR + back of cab |
| EBS | Electronic brake system |
| EM-EC01 | European community 2001 level EURO 3 |
| EM-EC06 | European community 2006 level EURO 4 |
| EM-EU5 | Engine emission control, EURO 5 |
| EM-EU6 | Engine emission control, EURO 6 |
| EML4 | Emission level, early introduction stages |
| ENG-VE13 | Volvo engine 13 litre |
| ENG-VE16 | Volvo engine 16 litre |
| EPB | Electrical park brake |
| FAA10 | 1 front axle, non driven |
| FAA20 | 2 front axle, non driven |
| FAS | Front axle steering |
| FMS | Fleet management system |
| FRC | Fuse and relay center |
| FSI-DWIS | Front suspension installation, double wish bone |
| FSS-LEAF | Leaf suspension, front |
| GSS-AGS | Automatic gear shifting system (I-shift) |
| GSS-RC | Range gear shifting, cable manoeuvred |
| GSS-SRC | Split and range gear shifting, cable manoeuvred |
| GSS-4BS | Four button gear selector |
| IPC | Integrated parking cooler |
| L | Left |
| LF | Left front |
| LHD | Left hand drive |
| LHS | Left hand side |
| LR | Left rear |
| MAINSWI | Electromechanical main switch |
| MAINSW-M | Mechanical main switch |
| MSWI-A | Main switch, ADR |
| MSWI-B | Main switch, circuit shutdown (timer) |
| MSWI-C | Main switch, chassis controlled circuit shutdown |
| MSWI-R | Main switch, remote controlled circuit shutdown |
| ODB | On Board Diagnostic |
| 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 |
| RAD-L90 | Rear axle installation, 1 axle, 1 driven, 2 leaf, 90 mm |
| RAD-GR | Rear axle installation, 1 axle, 1 driven, air (GRAS) suspension |
| RADD-BR | Rear axle installation, 2 axle, 2 driven, leaf, B-ride |

| | |
|---|---|
| RADD-GR | Rear axle installation, 2 axle, 2 driven, air (GRAS) suspension |
| RADD-TR1 | Rear axle installation, 2 axle, 2 driven, leaf narrow |
| RADD-TR2 | Rear axle installation, 2 axle, 2 driven, leaf wide |
| RADDT-GR | Rear axle installation, 3 axle, 2 driven, air (GRAS) suspension, tag |
| RAPDD-GR | Rear axle installation, 3 axle, 2 driven, air (GRAS) suspension, pusher |
| RAPDT-GR | Rear axle installation, 3 axle, 1driven, air (GRAS) suspension, pusher, low end |
| RADT-AR | Rear axle installation, 2axle, 1 driven, 2 leaf, A-ride, tag |
| RADT-GR | Rear axle installation, 2 axle, 1 driven, air (GRAS) suspension, tag |
| RAPD-GR | Rear axle installation, 2 axle, 1 driven, air (GRAS) suspension, pusher |
| RAL17 | Rear axle load 17 tonnes |
| RAL21 | Rear axle load 21 tonnes |
| RAL23 | Rear axle load 23 tonnes |
| RAL26 | Rear axle load 26 tonnes |
| RAL33 | Rear axle load 33 tonnes |
| 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 |
| SCR | Selective Catalyst Reduction |
| 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 |
| TECU | Transmission electronic control unit |
| TIS-BAS | Transport information system, Logger and Positioning |
| TIS-HIGH | Transport information system, Logg. Pos. and Adv. message system |
| TIS-MED | Transport information system, Logg. Pos. and message |
| TRACTOR | Semi-trailer tractor |
| TREL7-7 | Trailer connectors 2x7-pole unit |
| TREL14 | Trailer connectors 14-pole unit |
| UADR | Without ADR adaptation |
| UMAINSWI | Without main switch |
| URETARD | Without retarder |
| UTRBRAKE | Without trailer brake valve |

# Cable colour code

| | |
|---|---|
| BK | Black |
| BN | Brown |
| BU | Blue |
| GN | Green |
| GY | Grey |
| OG | Orange |
| PK | Pink |
| RD | Red |
| VT | Violet |
| WH | White |
| YE | Yellow |

**Alternative cable colour code (engine and transmission)**

| | |
|---|---|
| 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: YE/RD = Yellow/Red.

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VPCS technical team
Smalleheerweg 29
BE-9041 Gent
Belgium
technical.team@volvo.com
Fax +32 9 2556767

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