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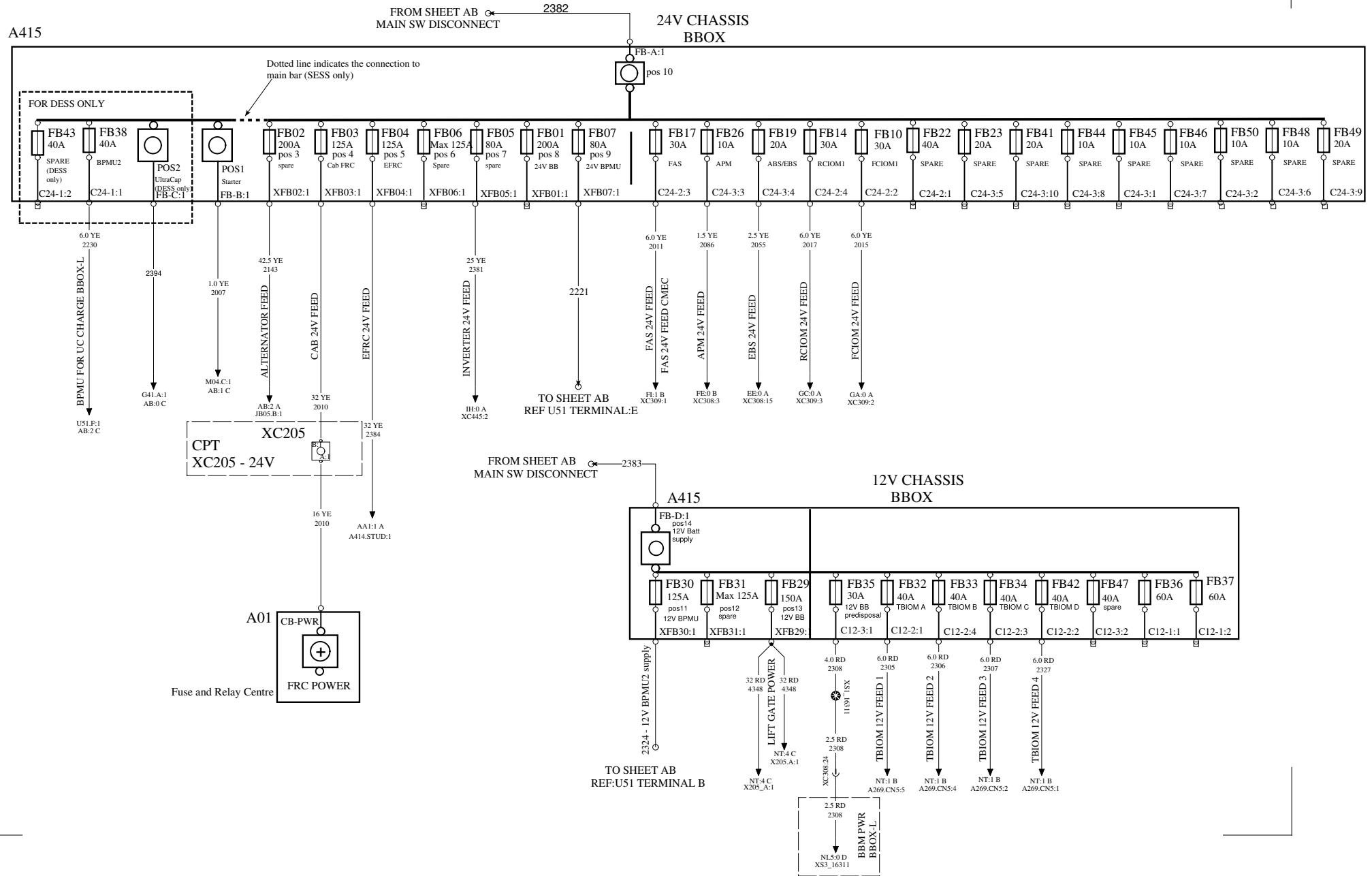
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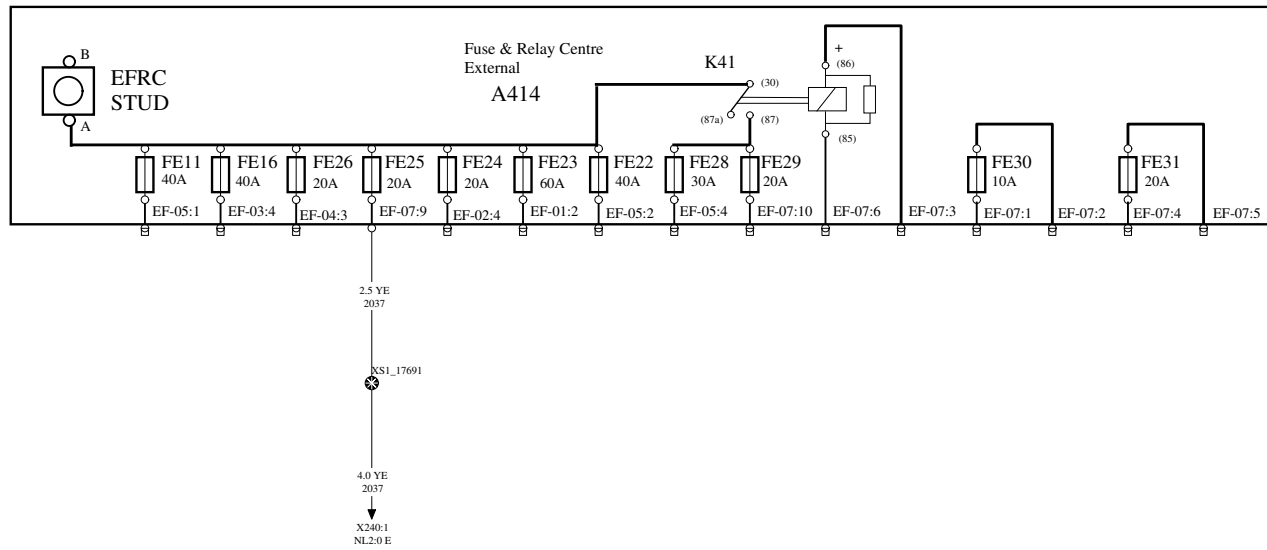
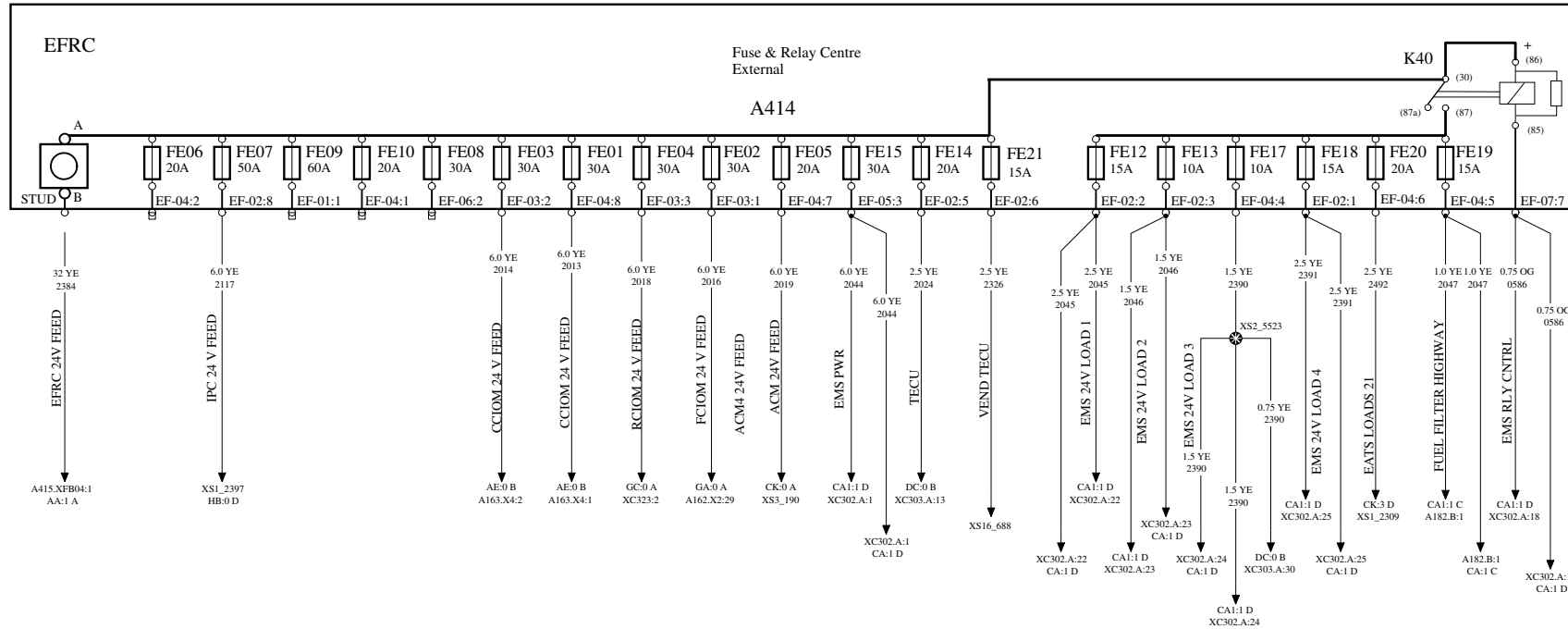
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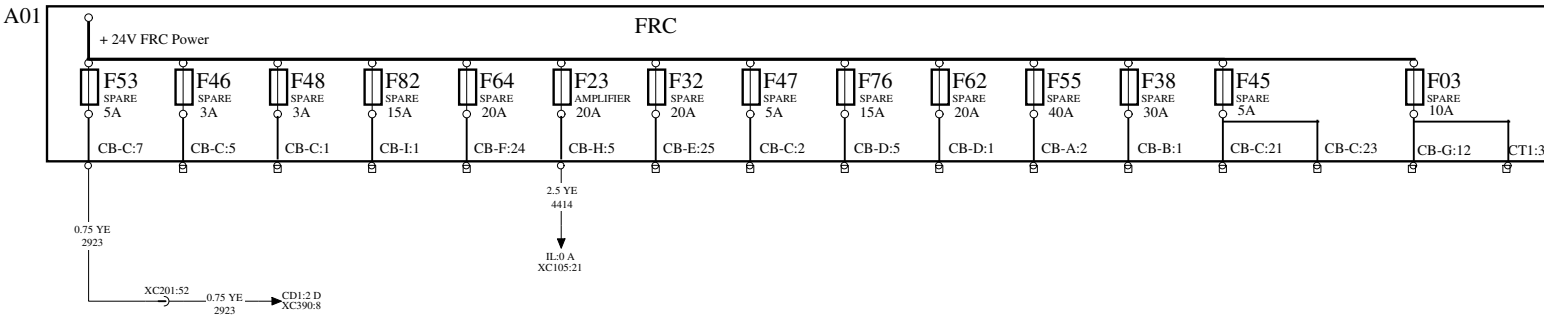
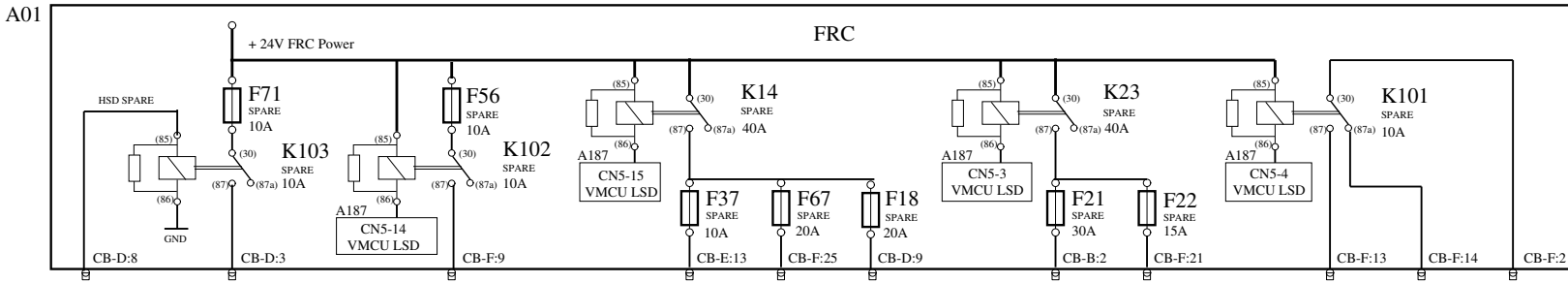
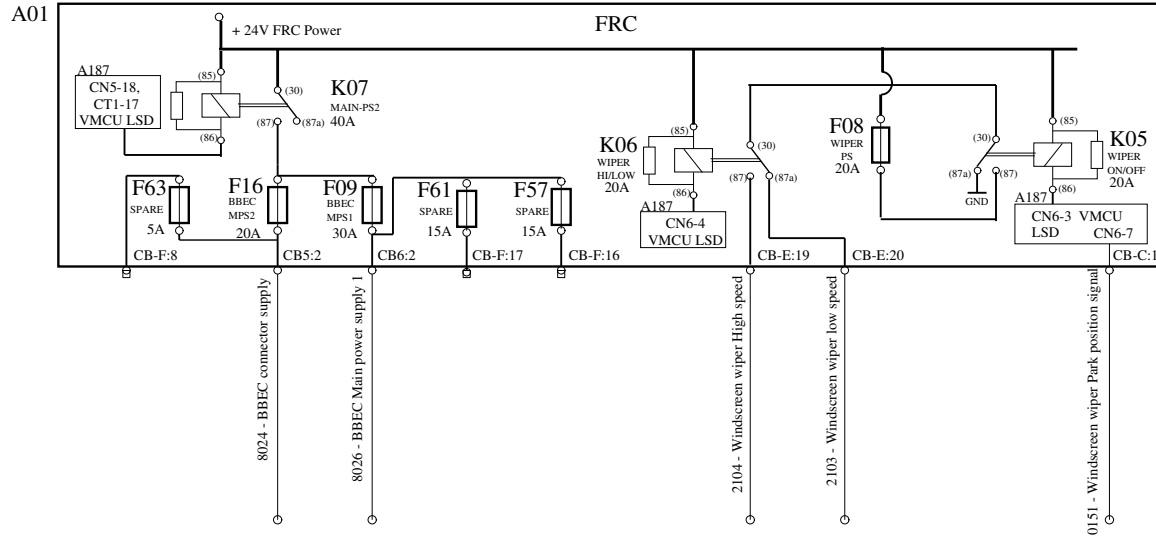
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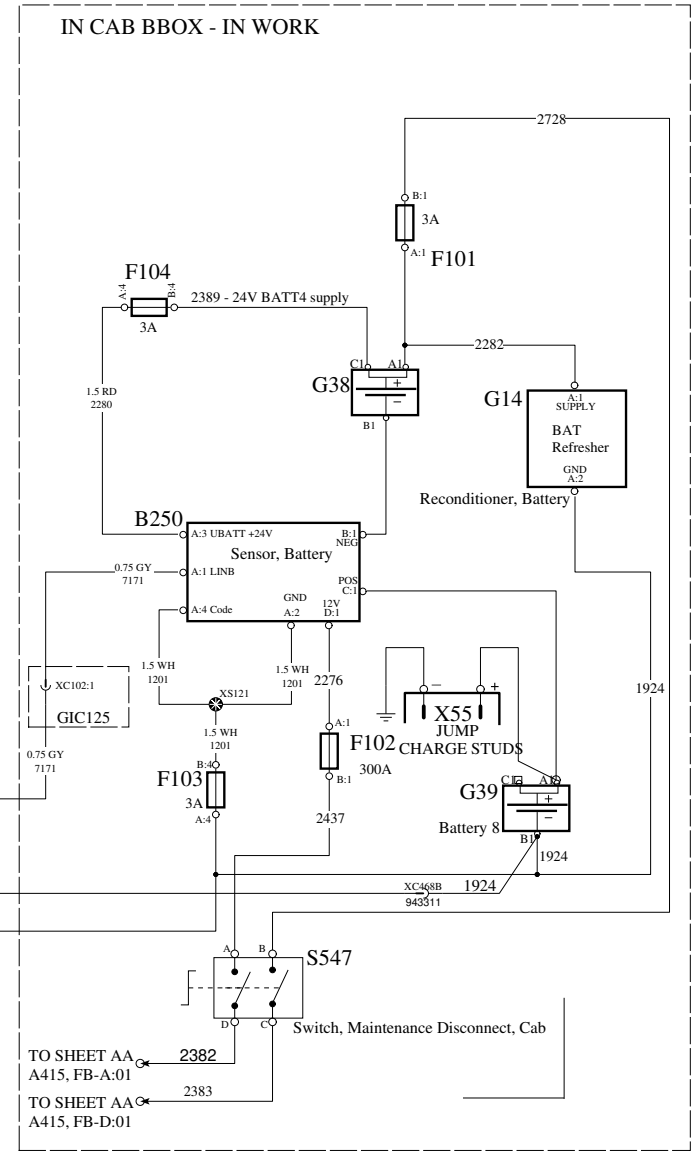
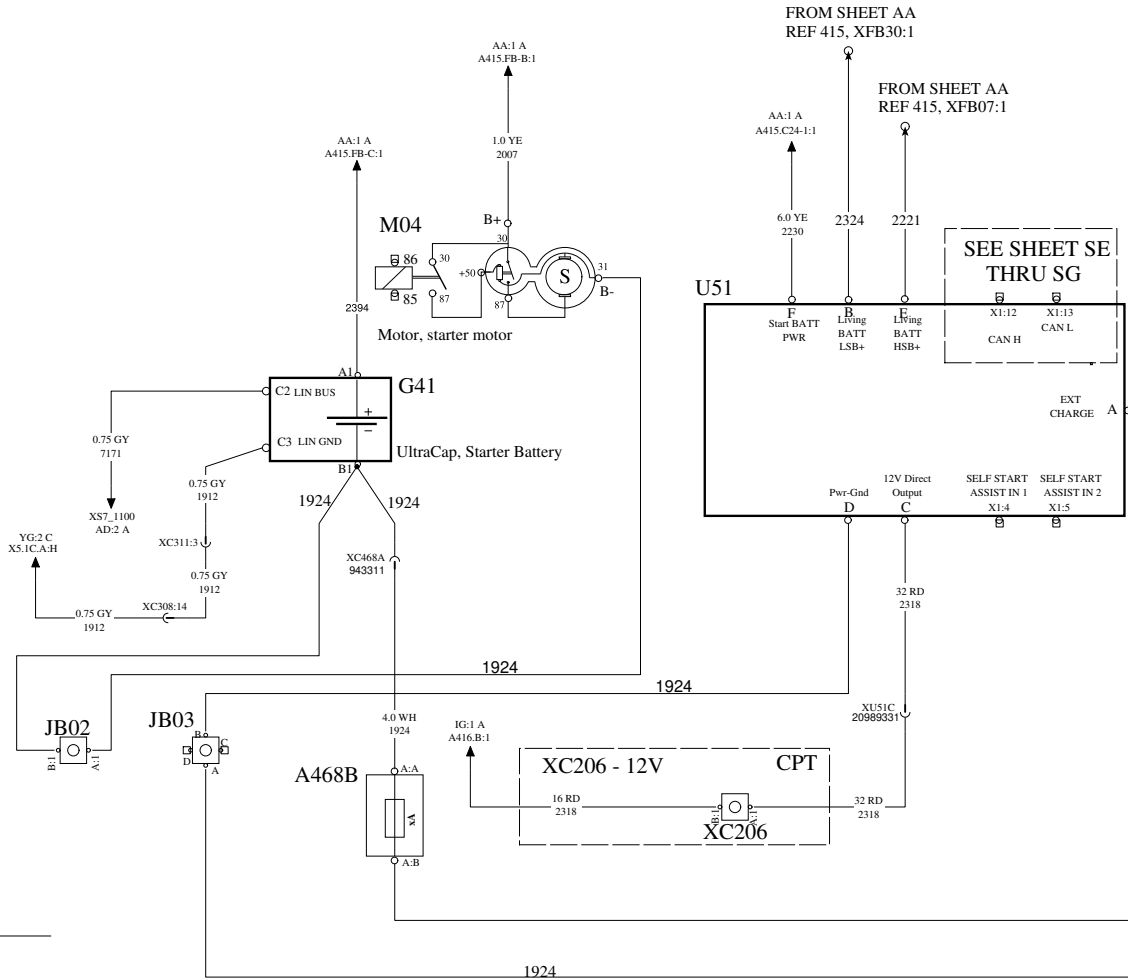
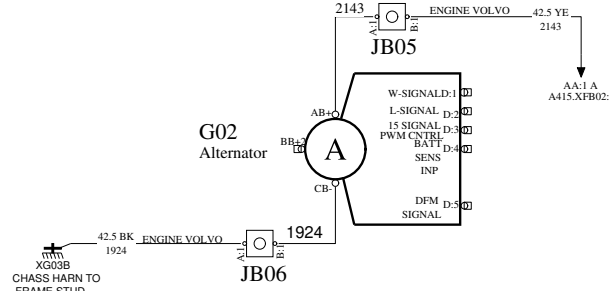
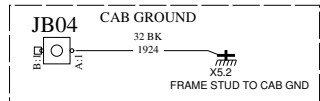
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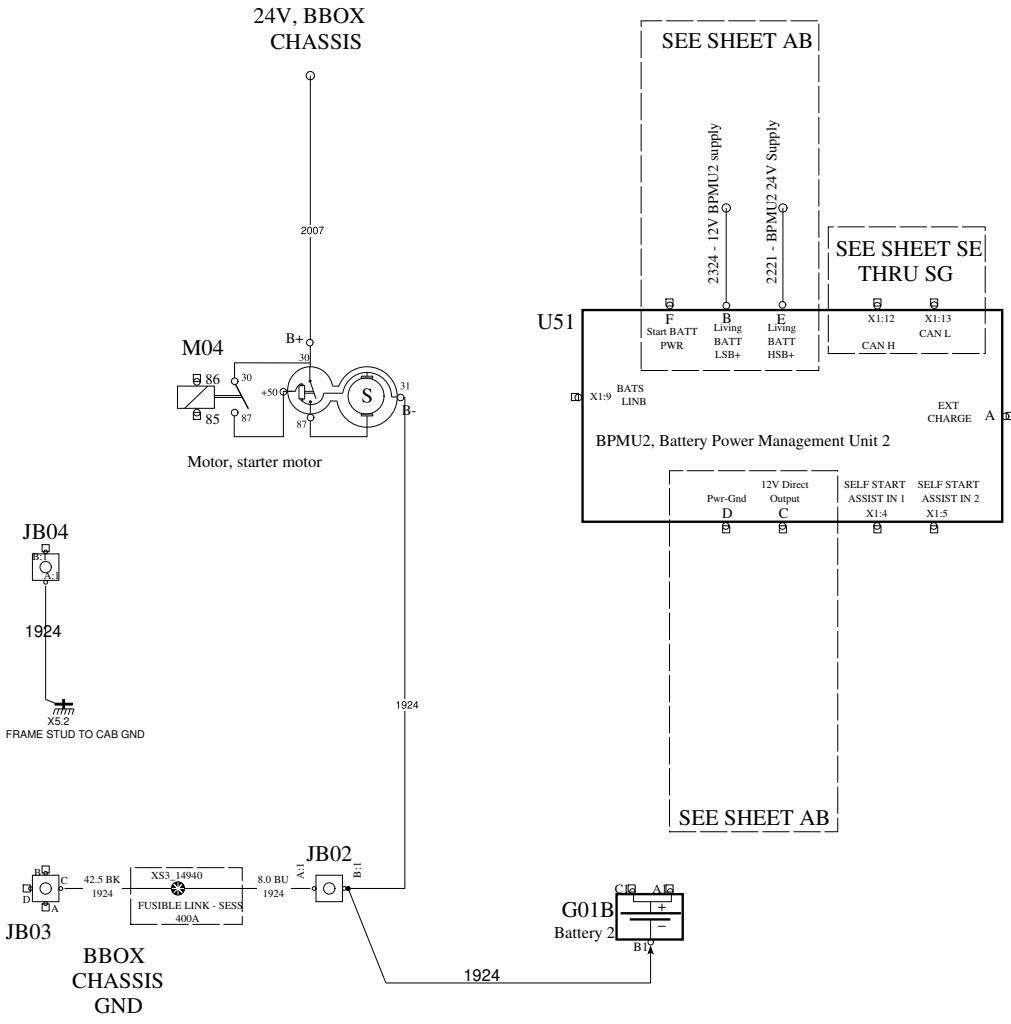
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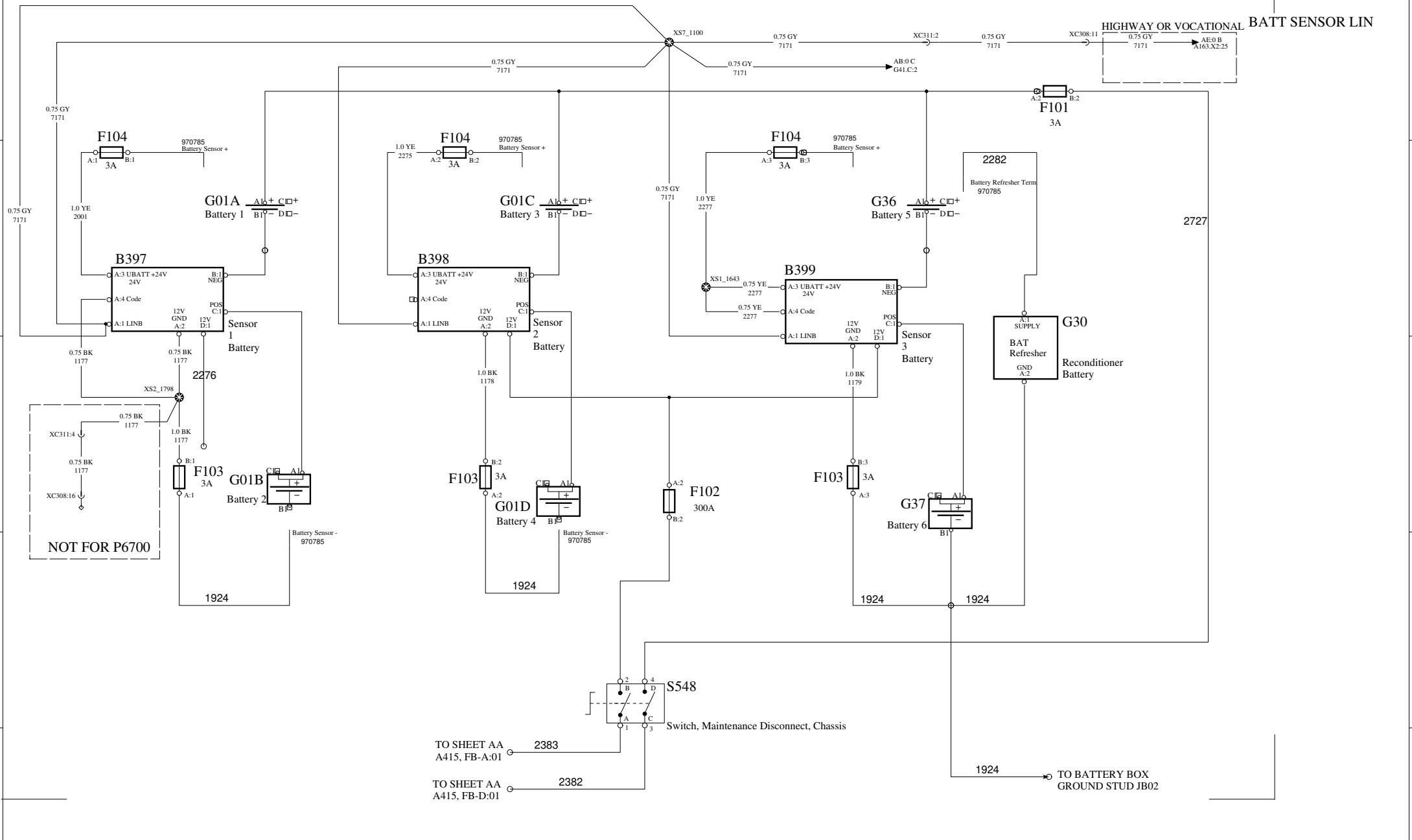
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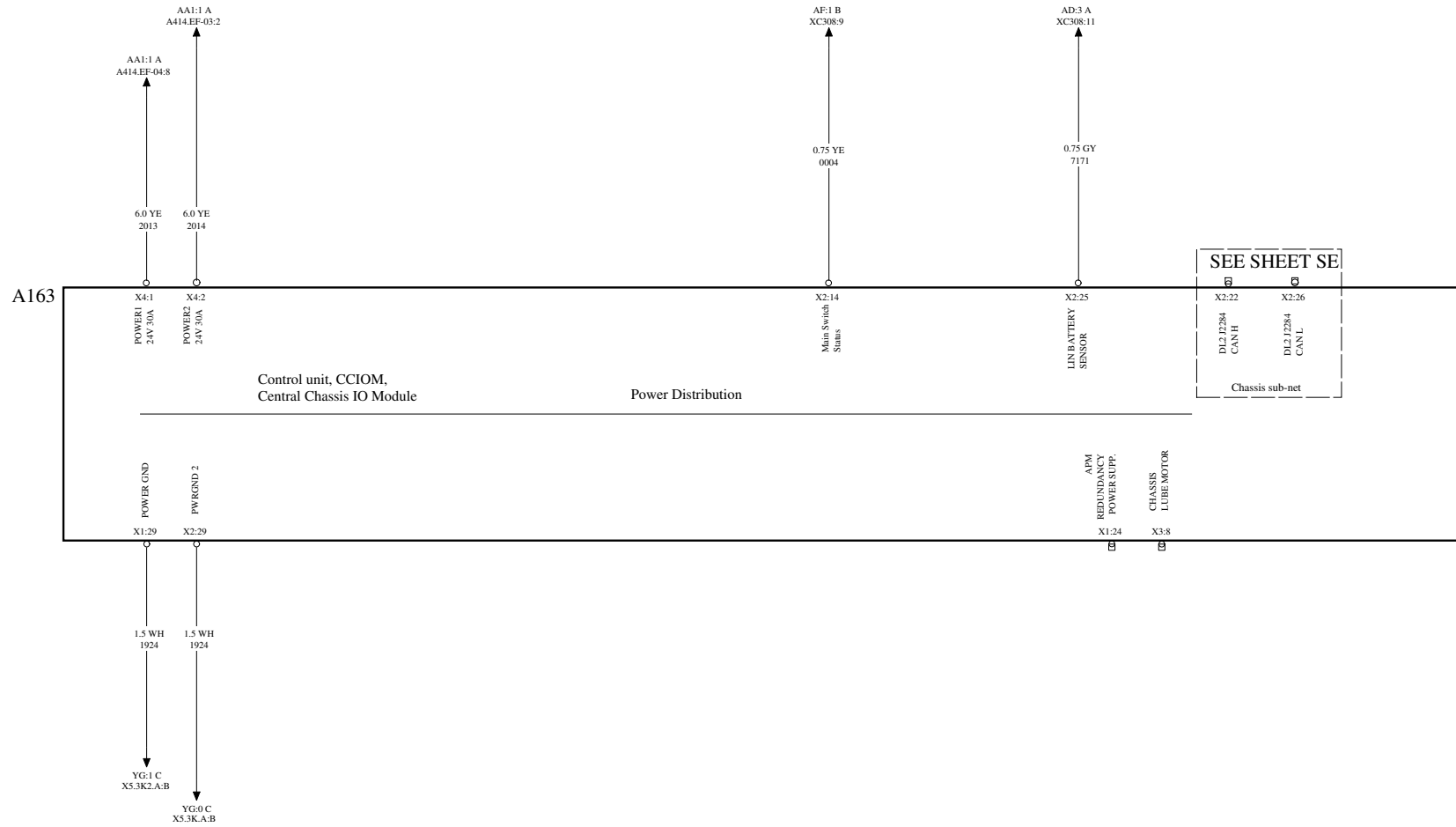


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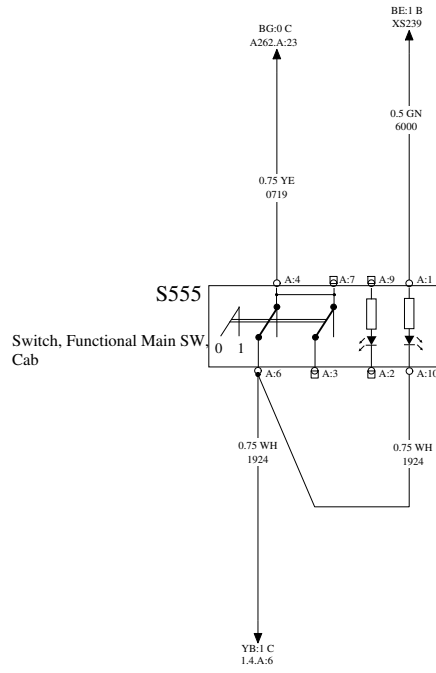
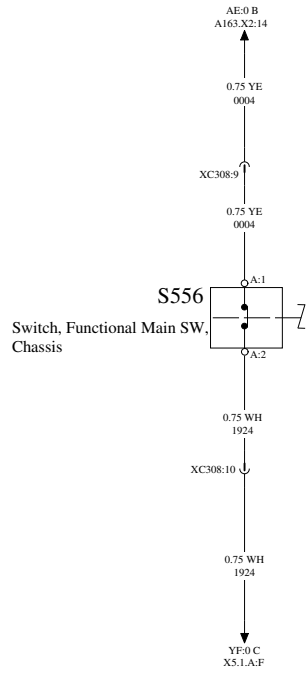
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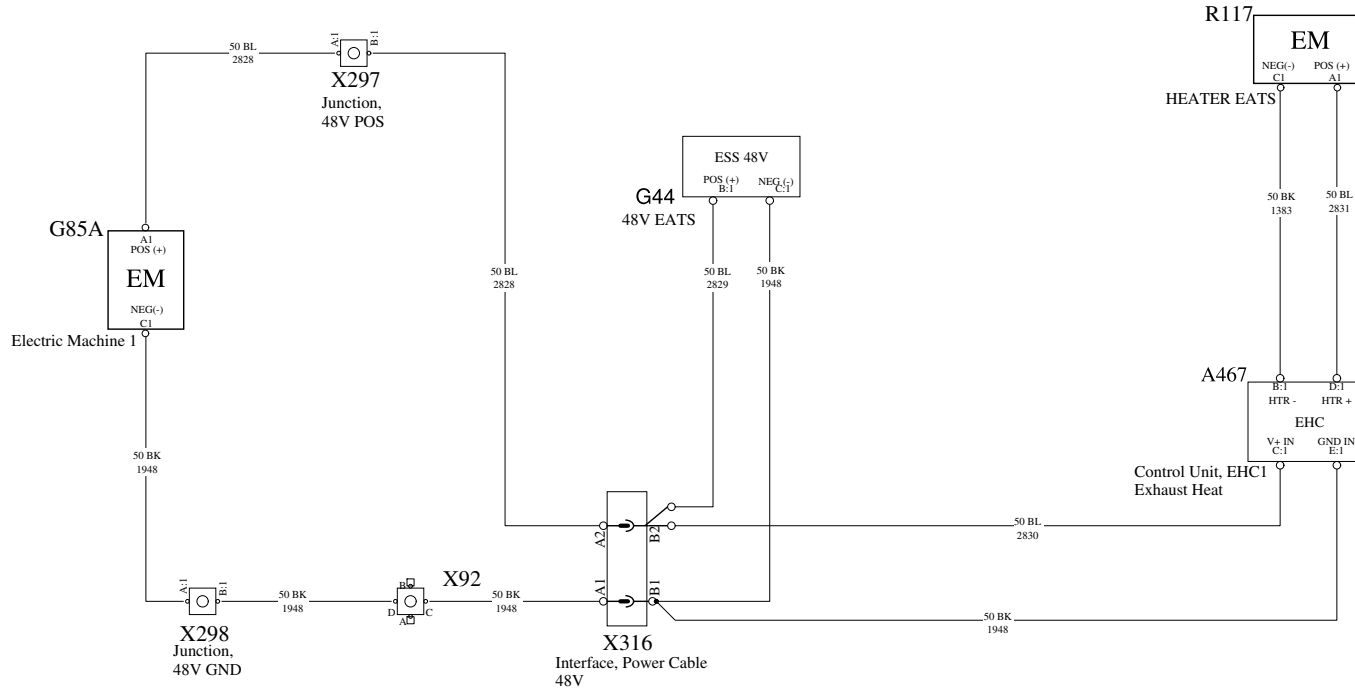
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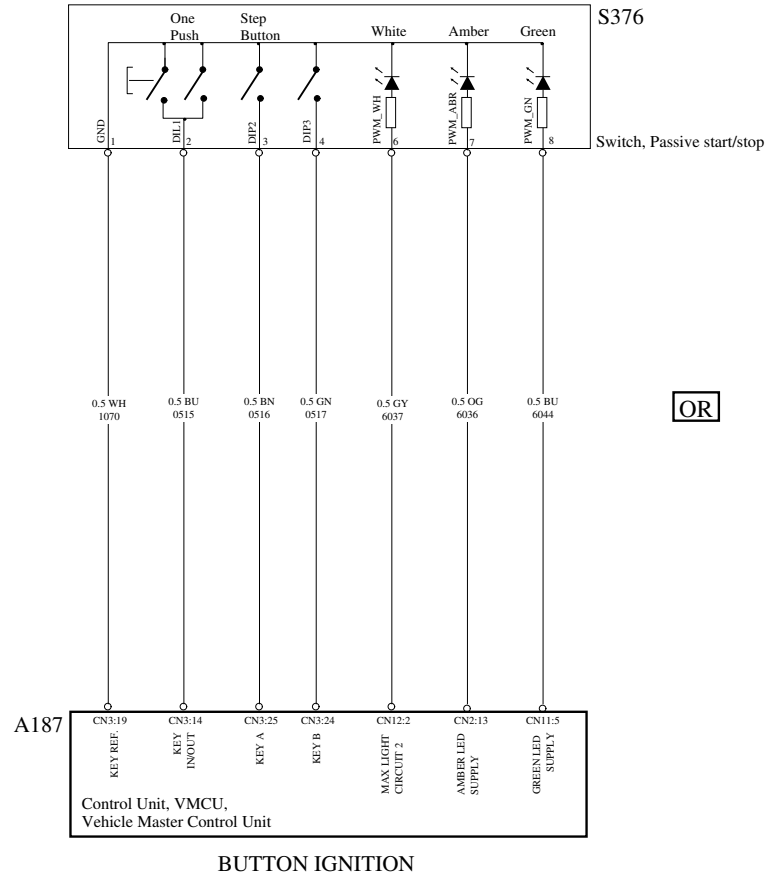
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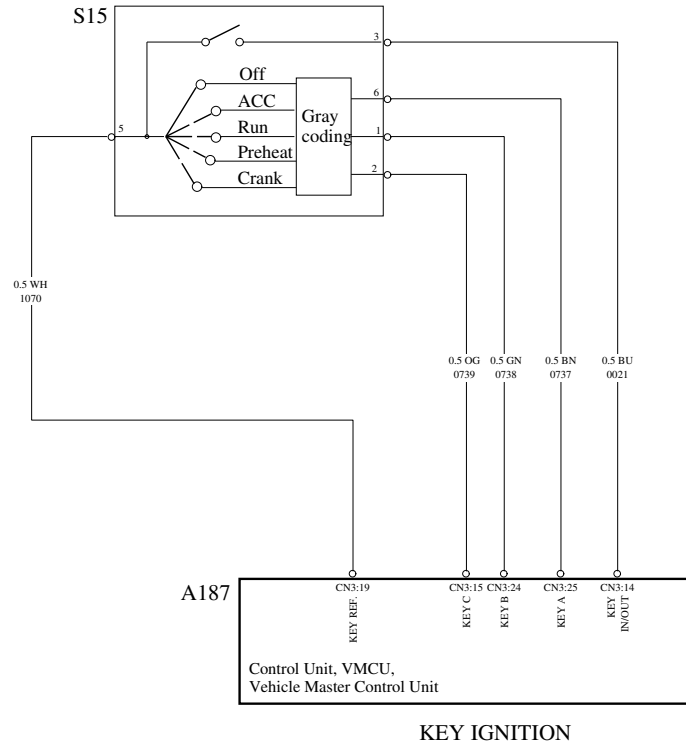


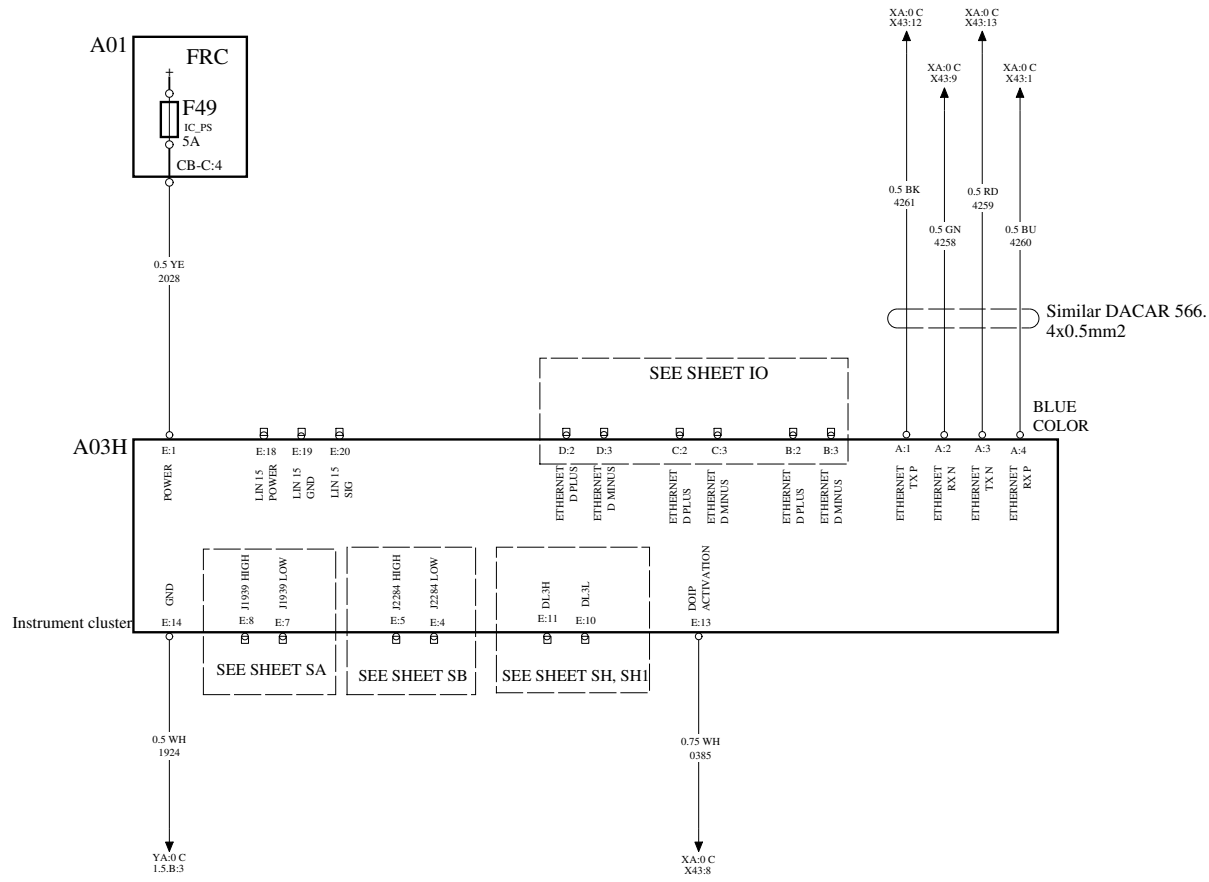
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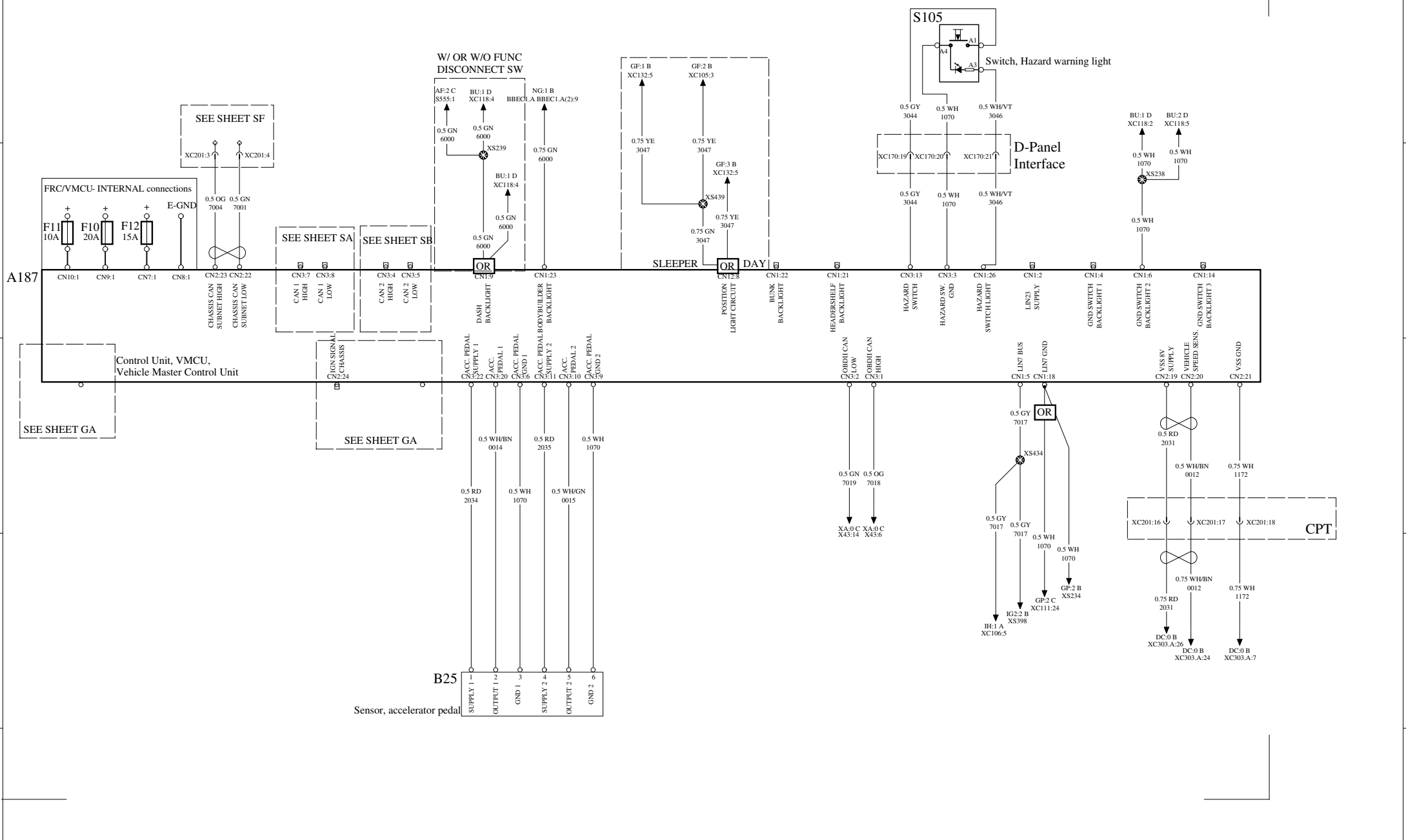
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VEHICLE MASTER CONTROL UNIT

WIRING DIAGRAM BE



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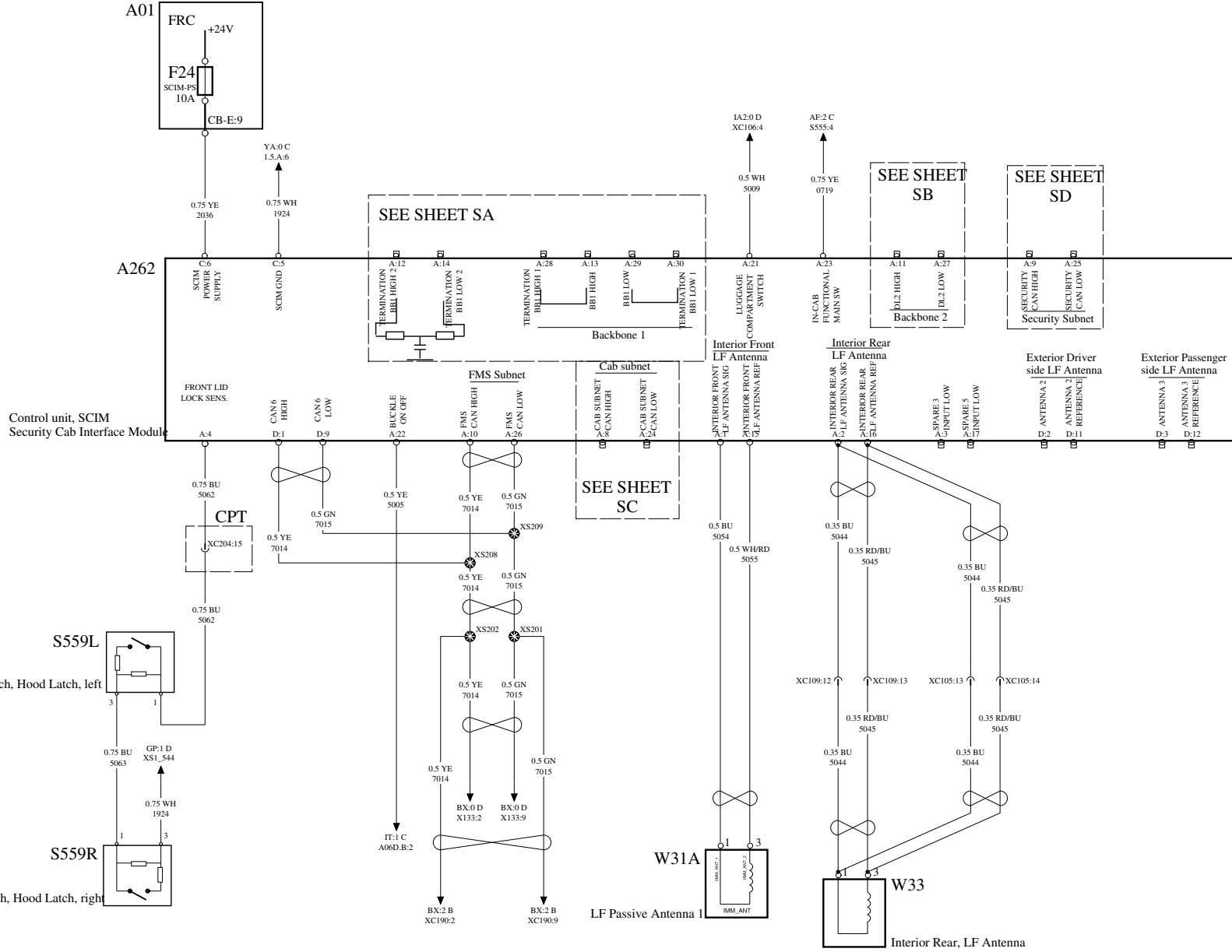
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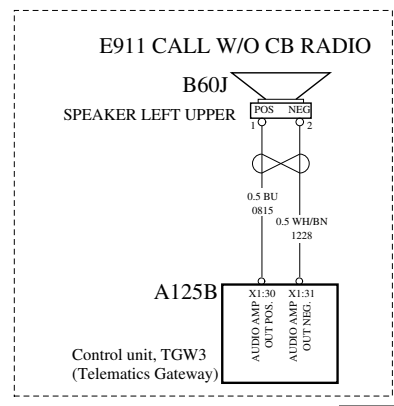
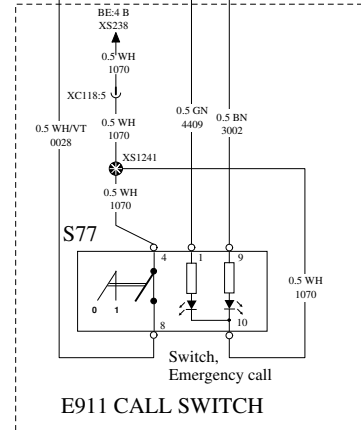
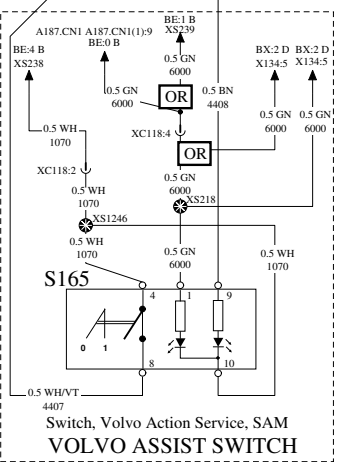
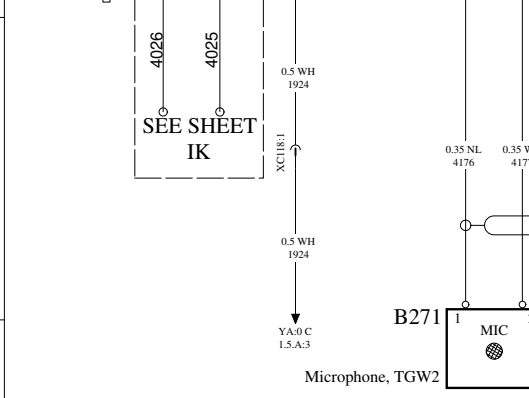
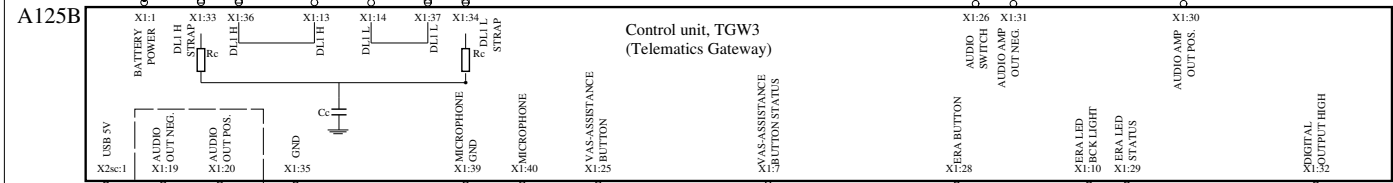
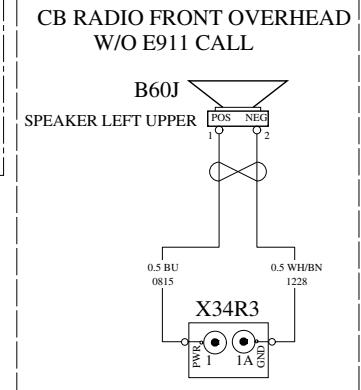
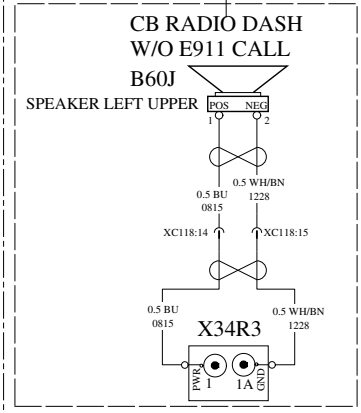
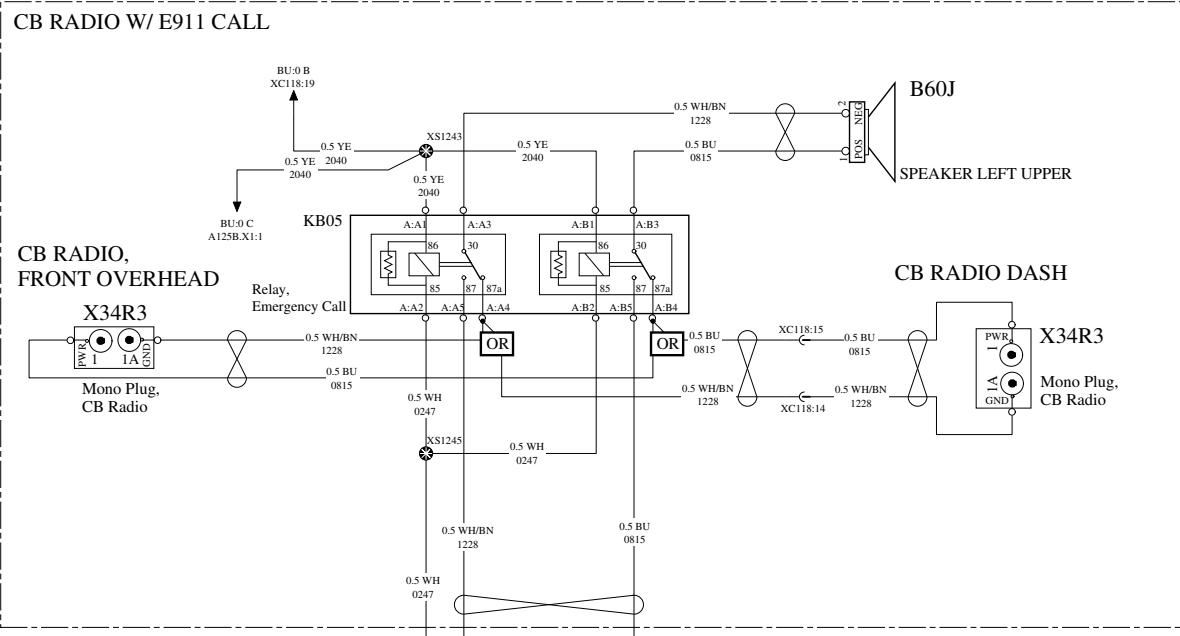
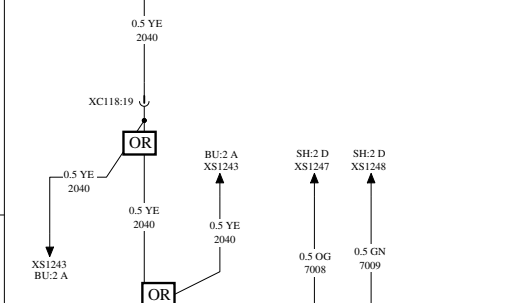
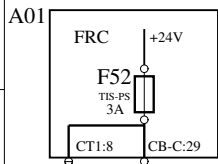
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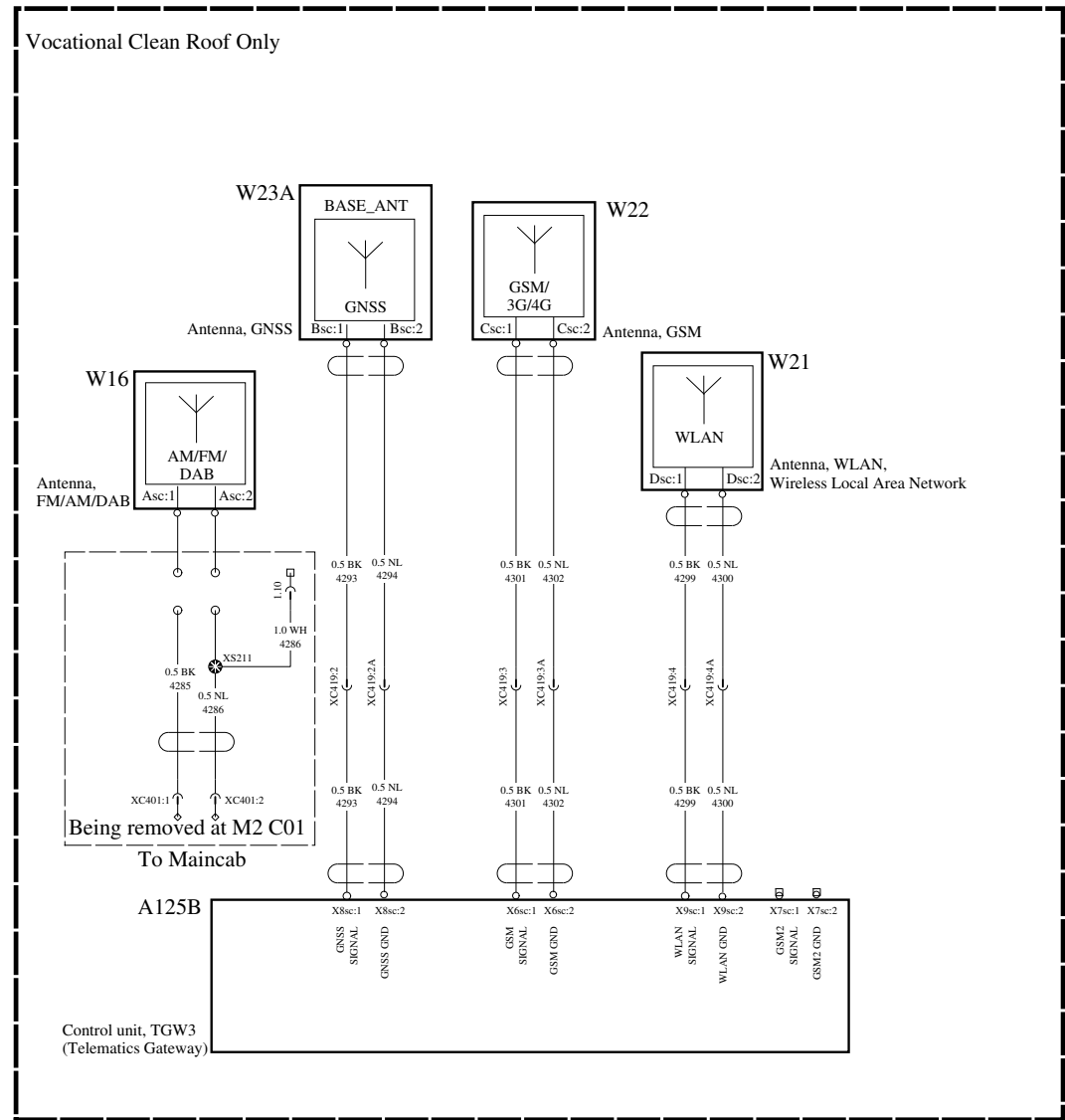
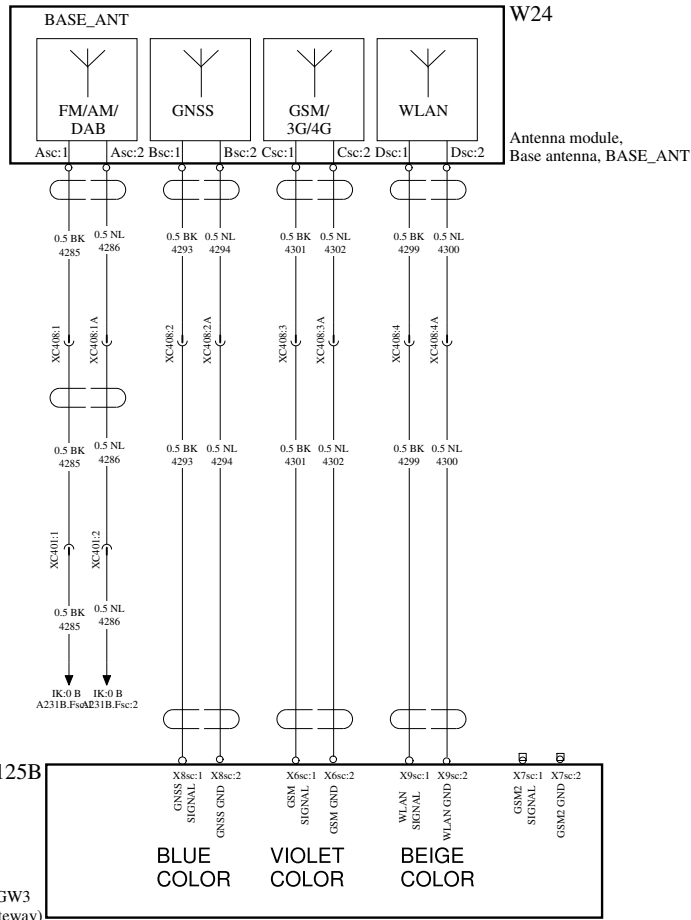
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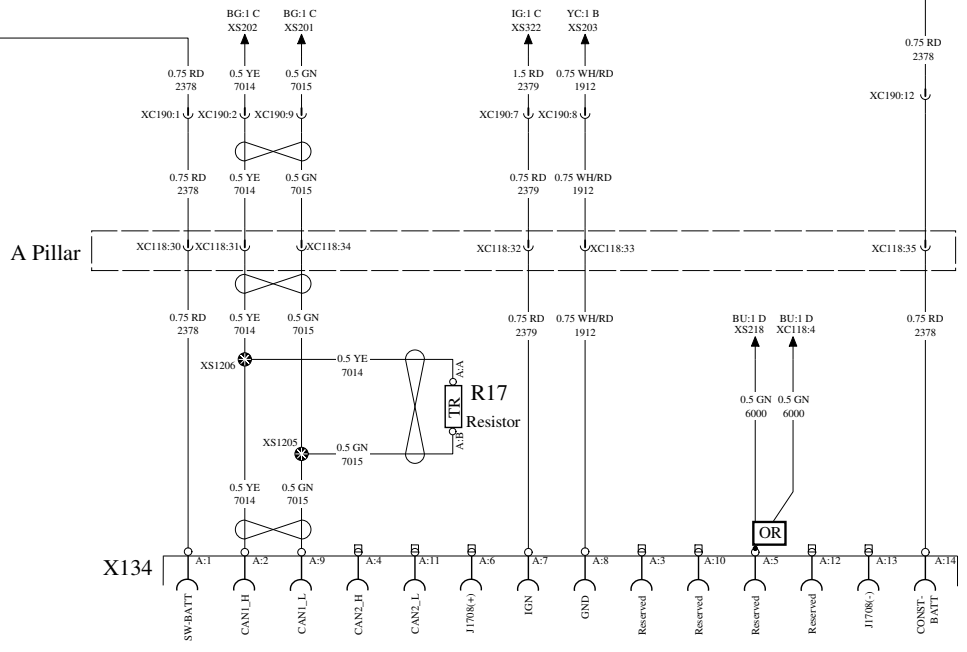
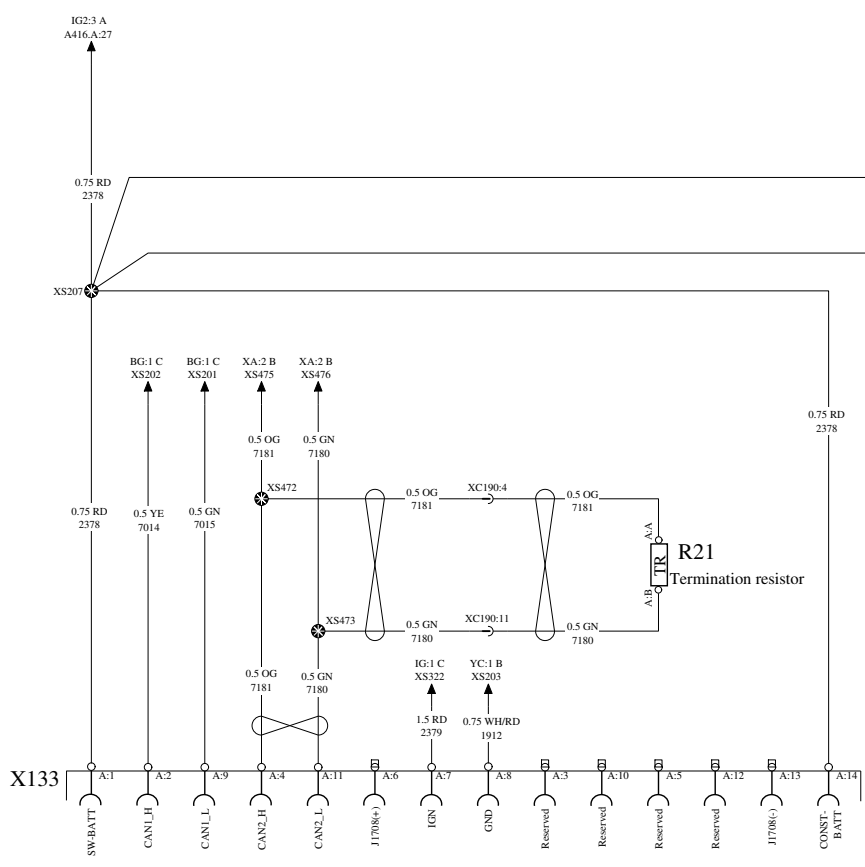
SECURITY & CAB INTERFACE MODULE (SCIM)

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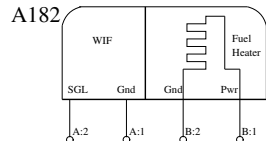


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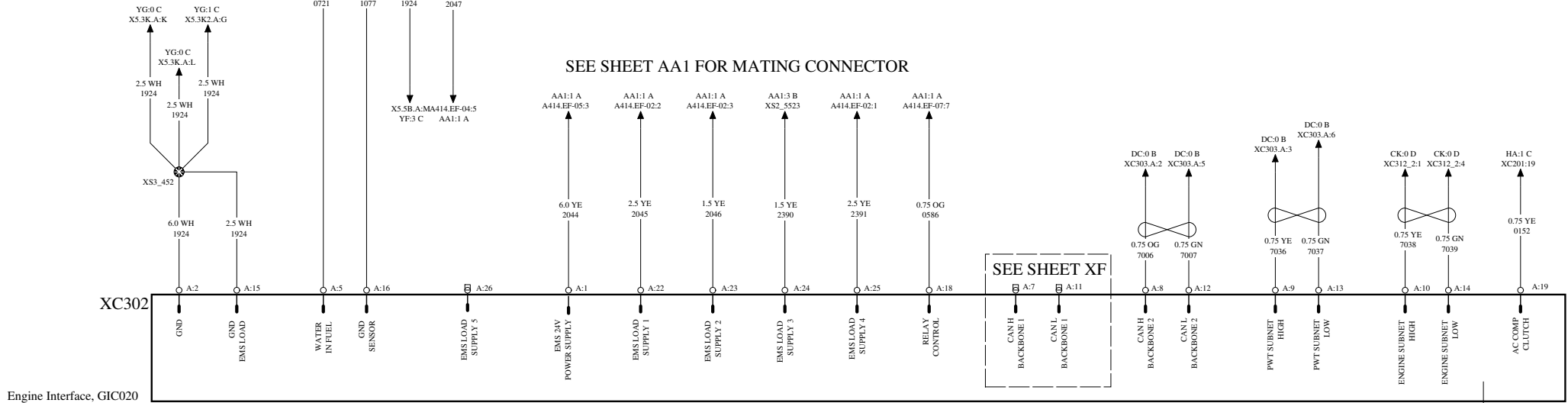
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SEE SHEET AA1 FOR MATING CONNECTOR



Engine Interface, GIC020



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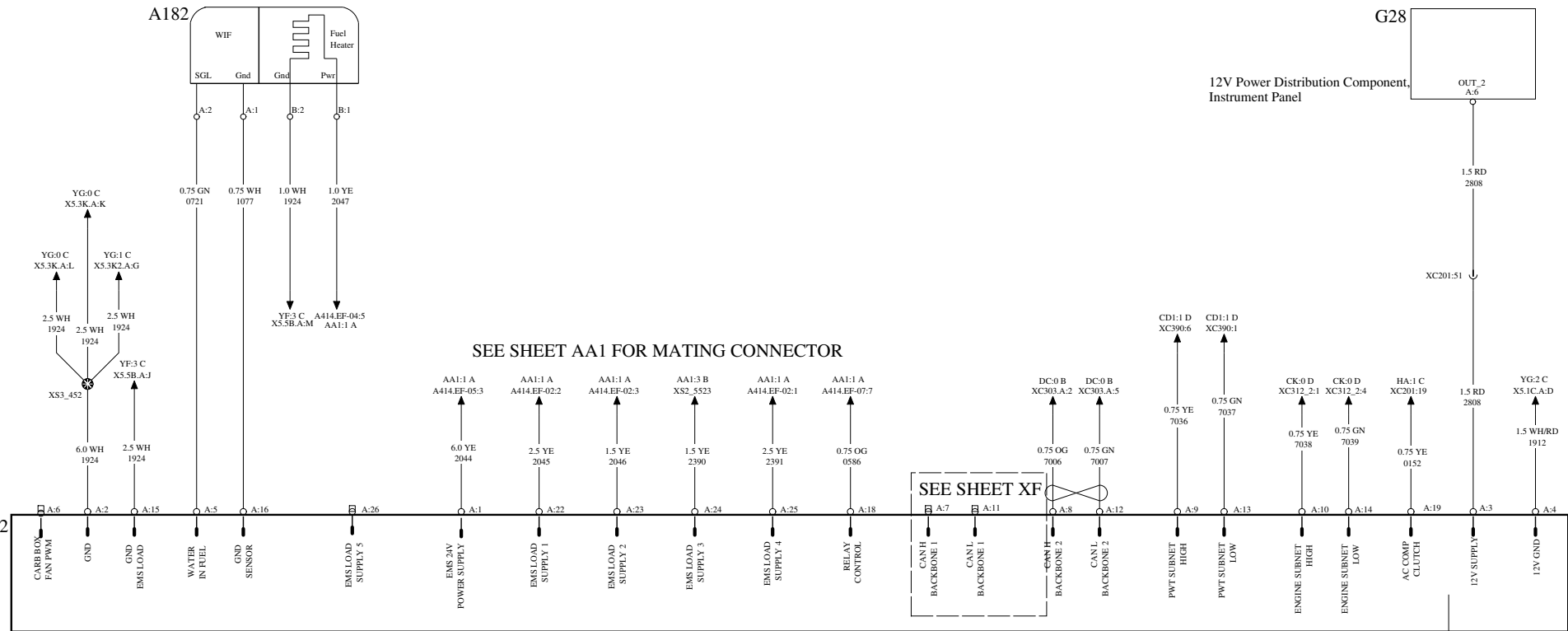
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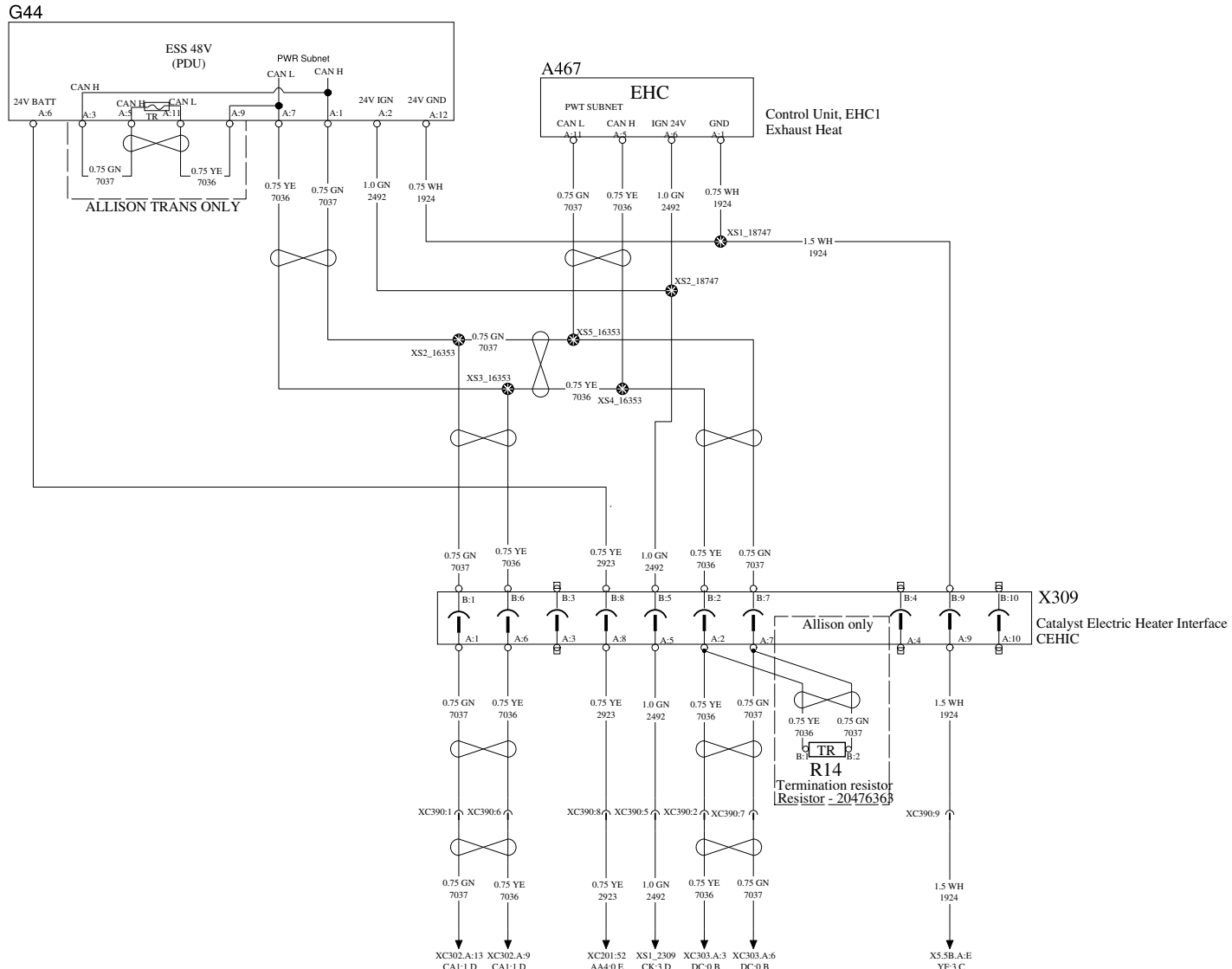
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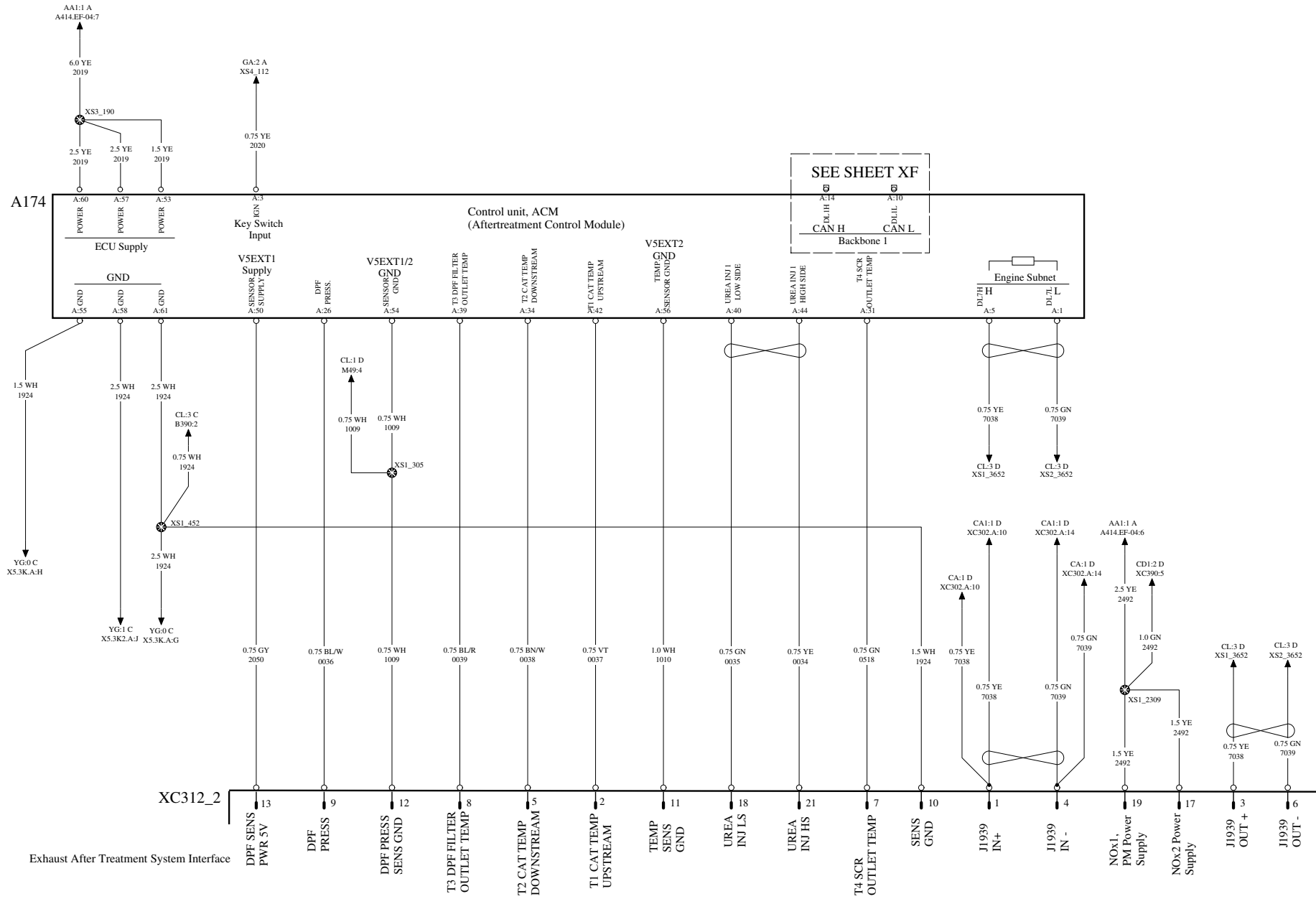
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AFTERTREATMENT SYSTEM

EPA24

WIRING DIAGRAM CK



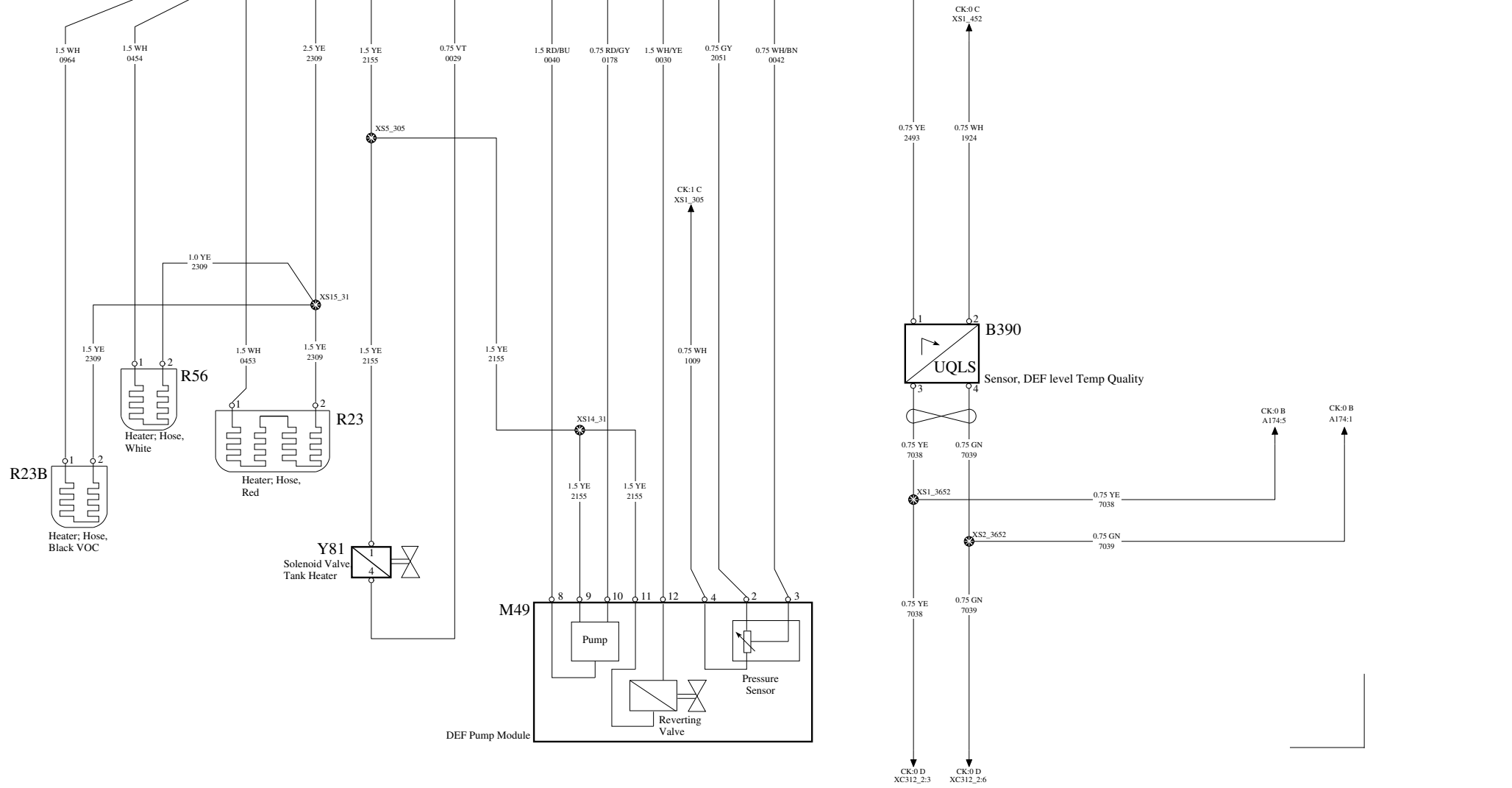
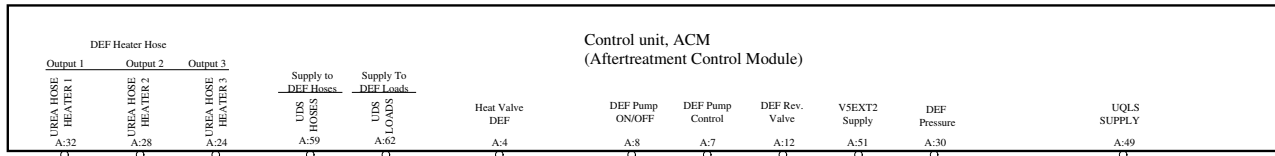
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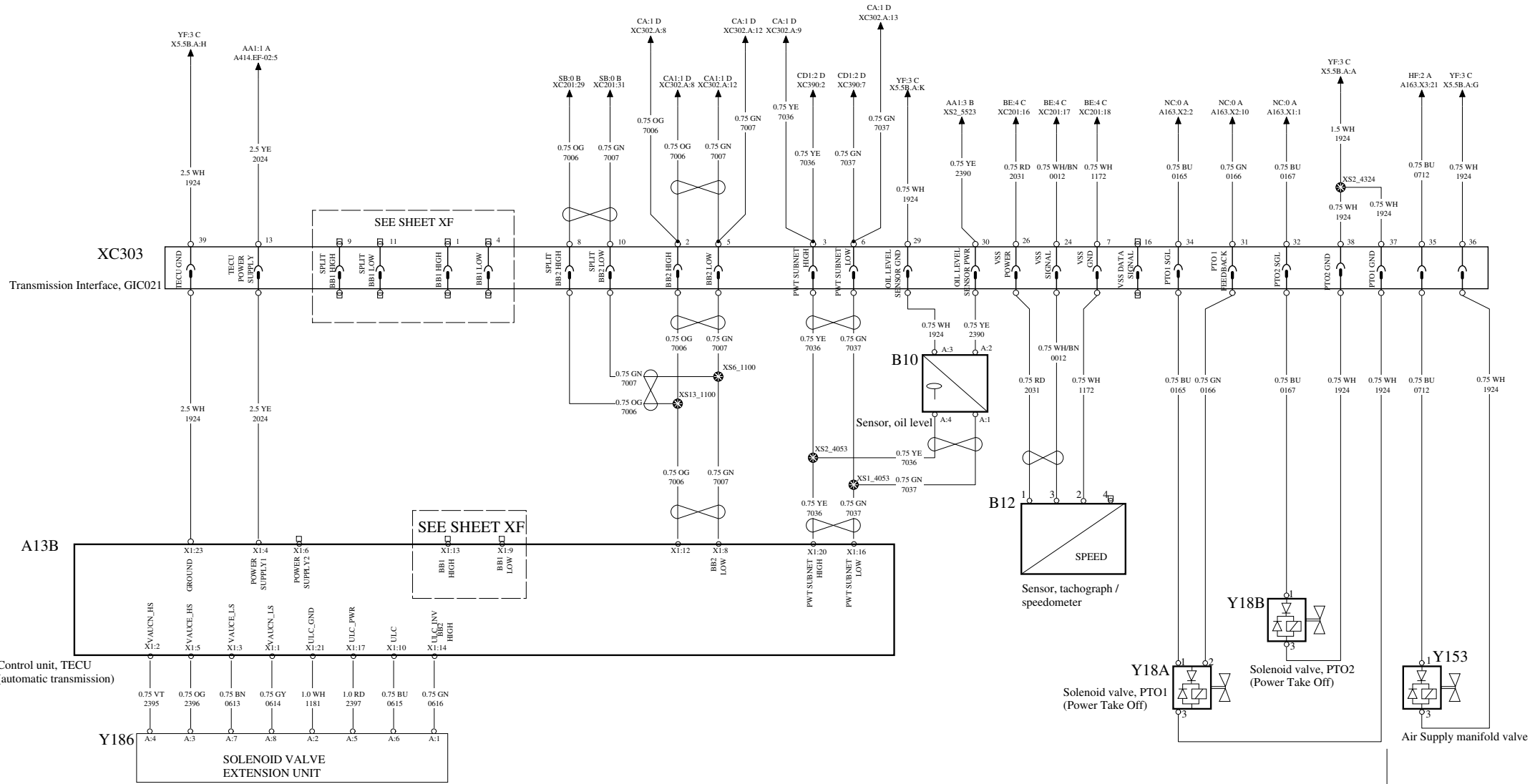
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TRANSMISSION

I-SHIFT

WIRING DIAGRAM DC



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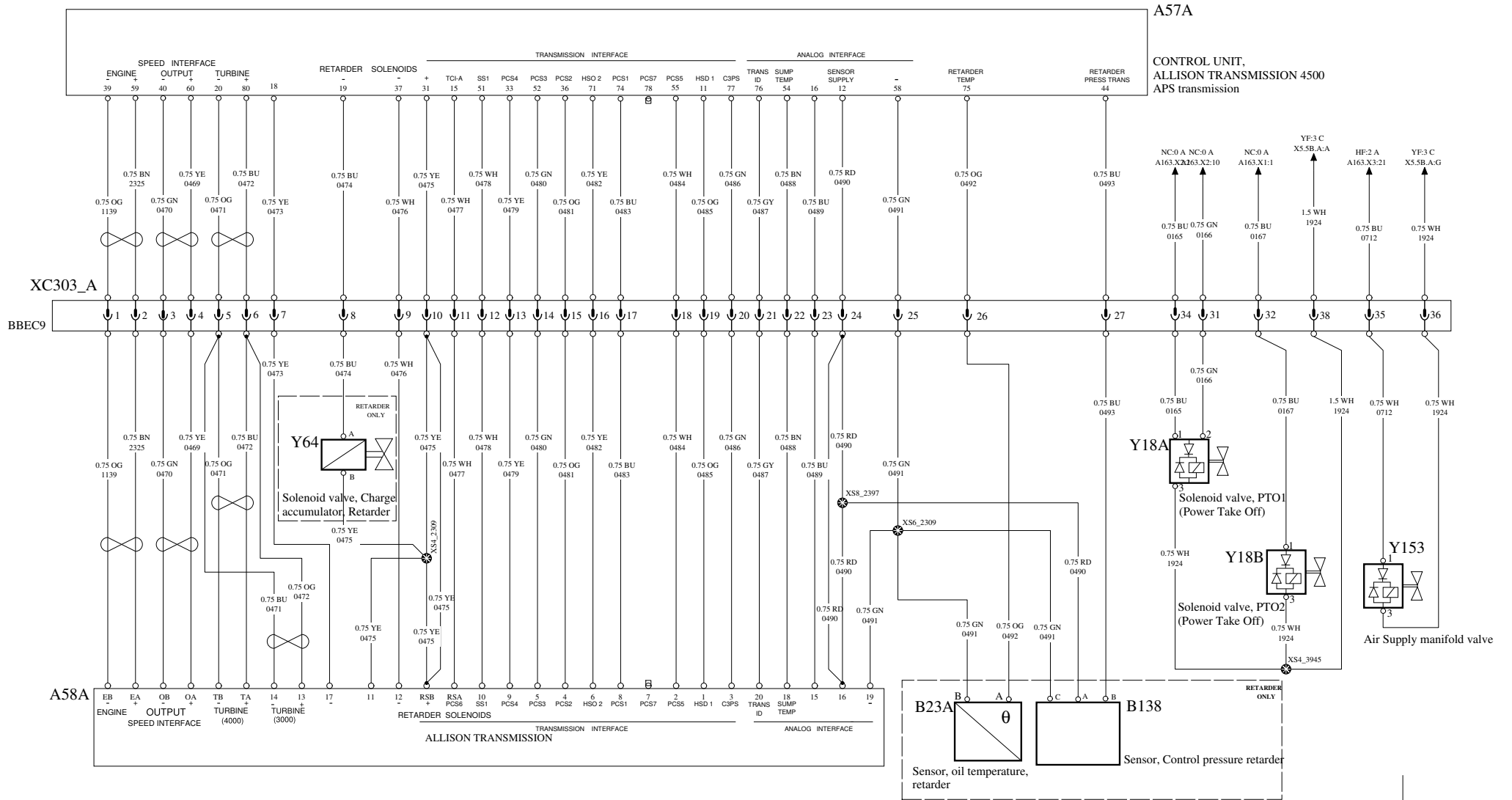
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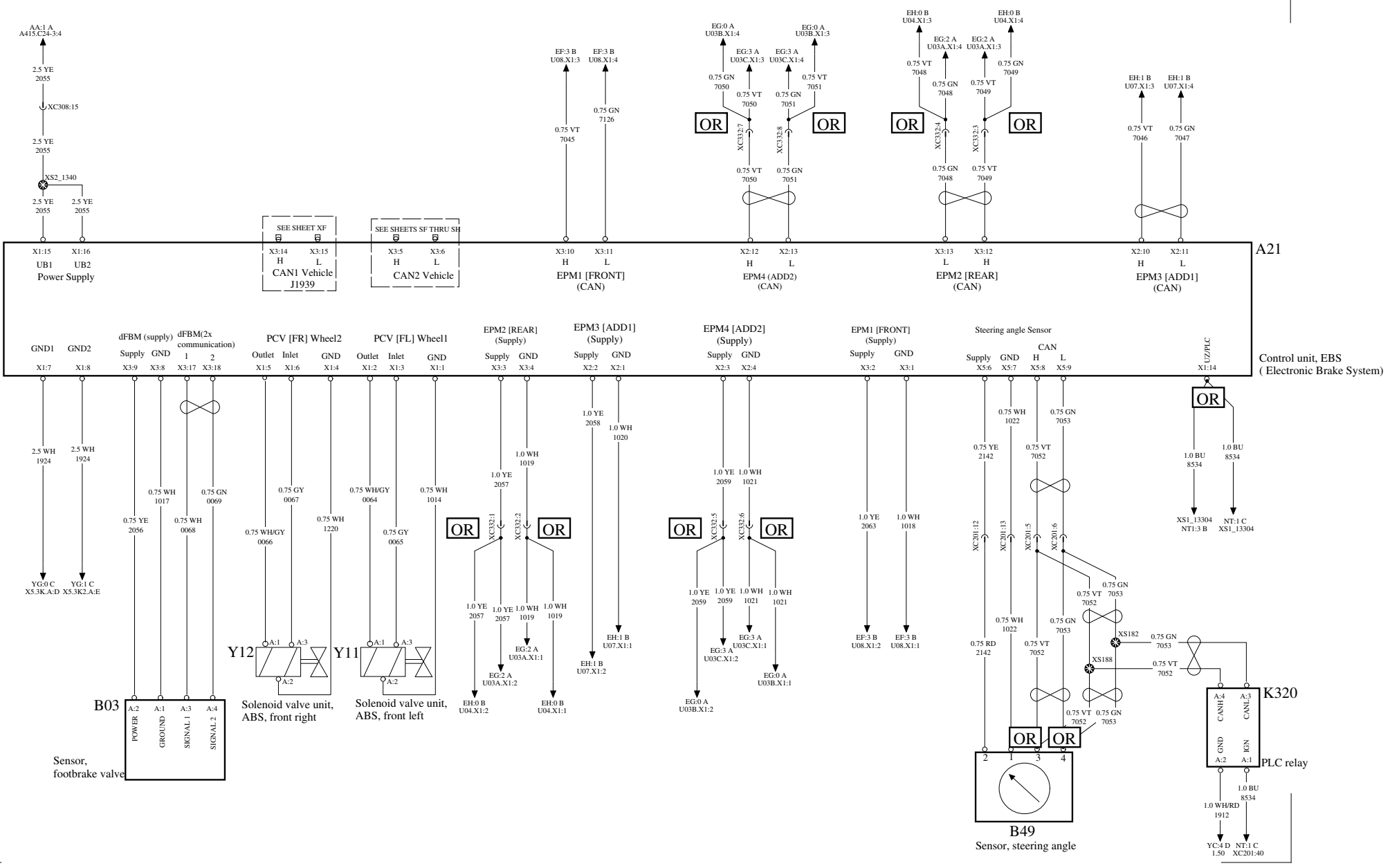
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EBS HIGHWAY

CONTROL UNIT

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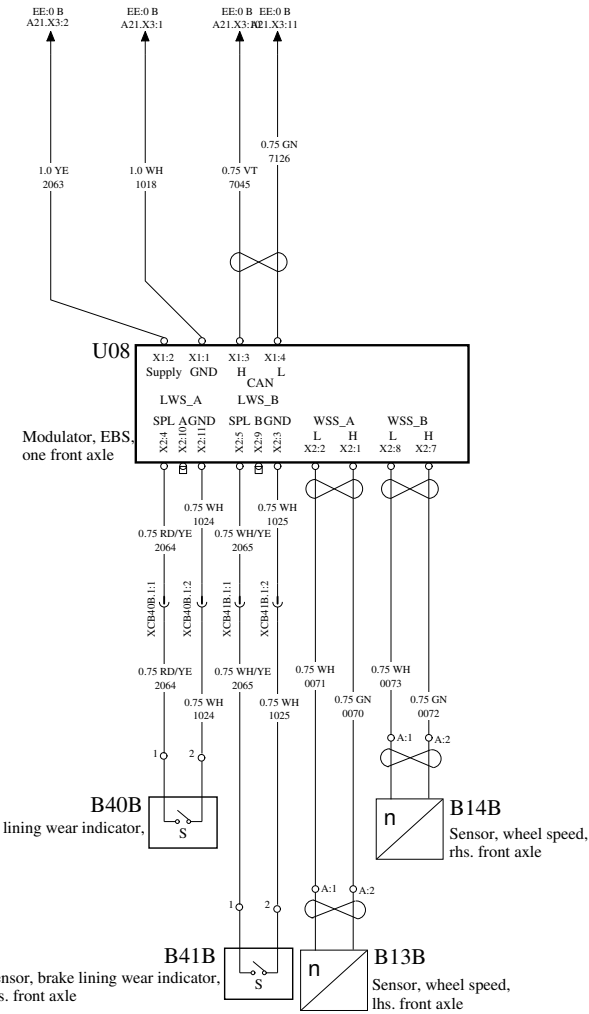
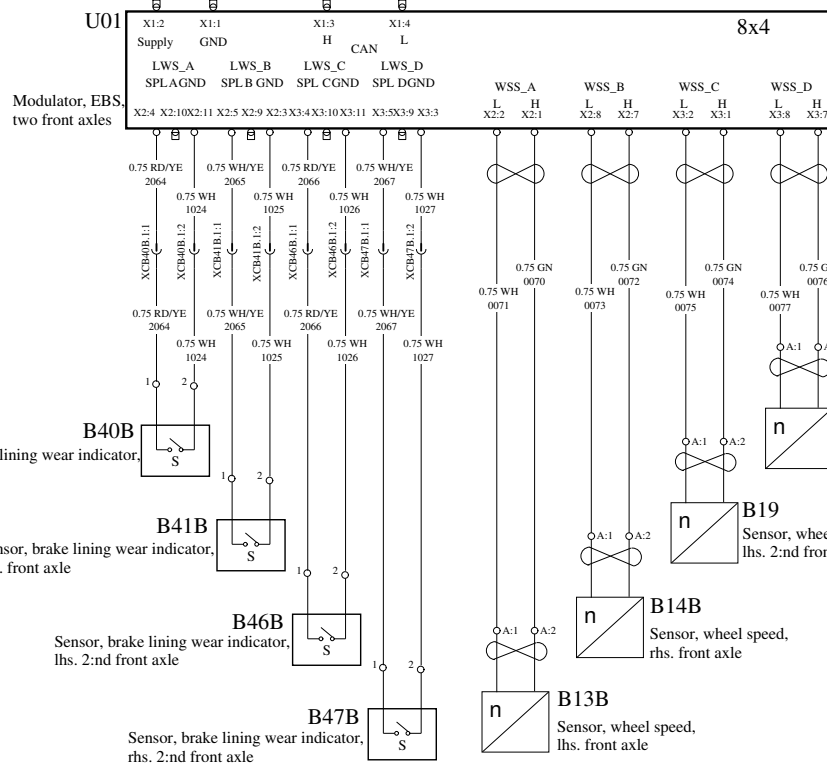
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EBS FRONT AXLE

MODULATOR

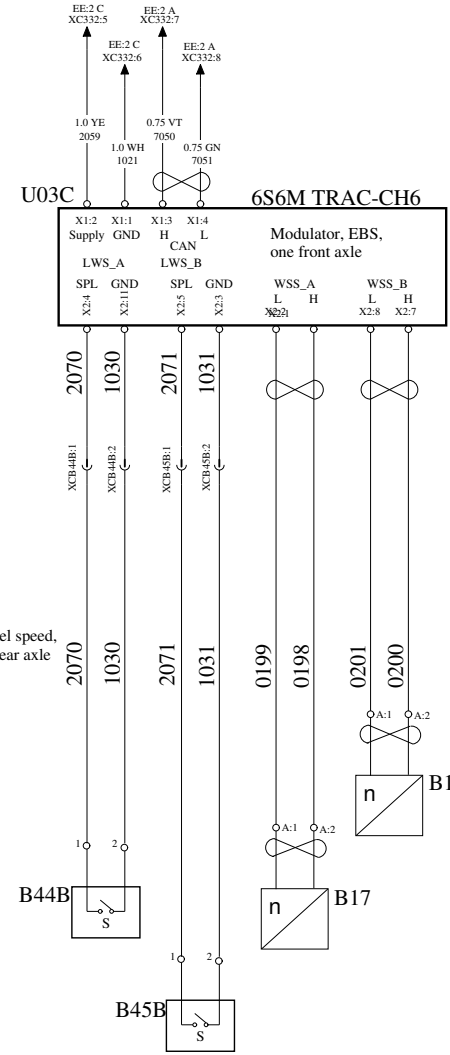
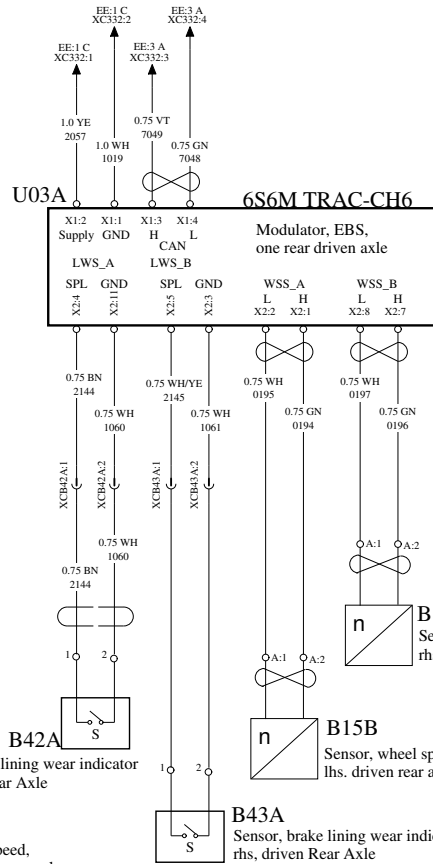
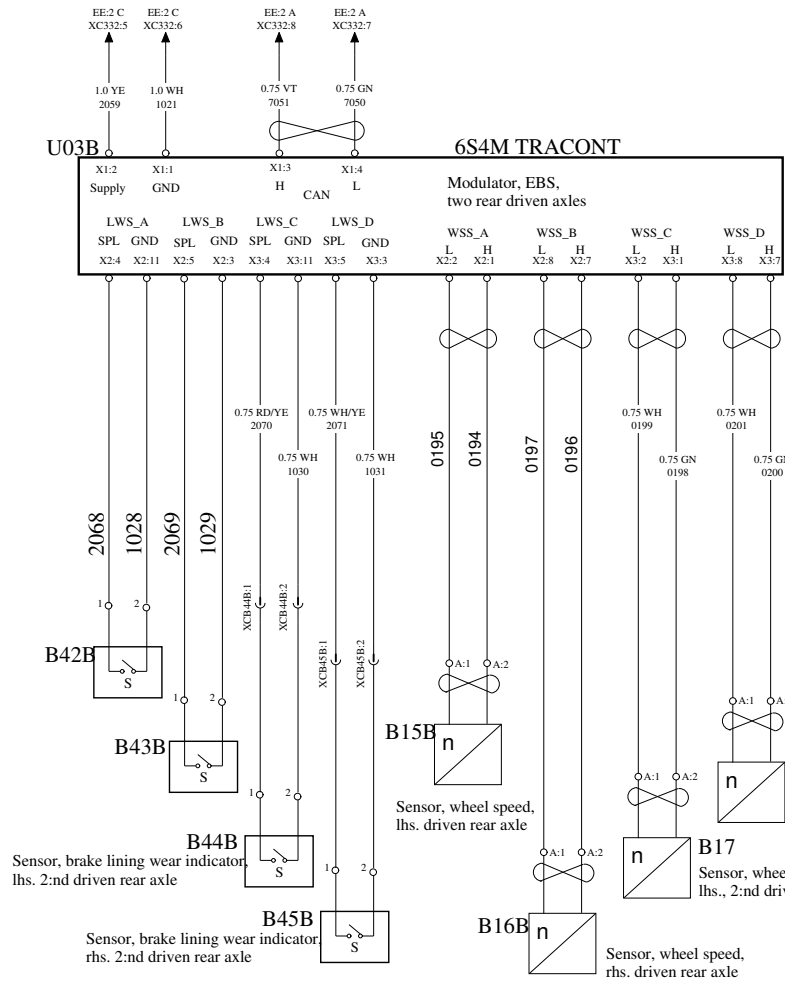
WIRING DIAGRAM EF



EBS 6S6M HIGHWAY

REAR AXLE MODULATOR

WIRING DIAGRAM EG



Driven Axle - 4x2 / 6x2

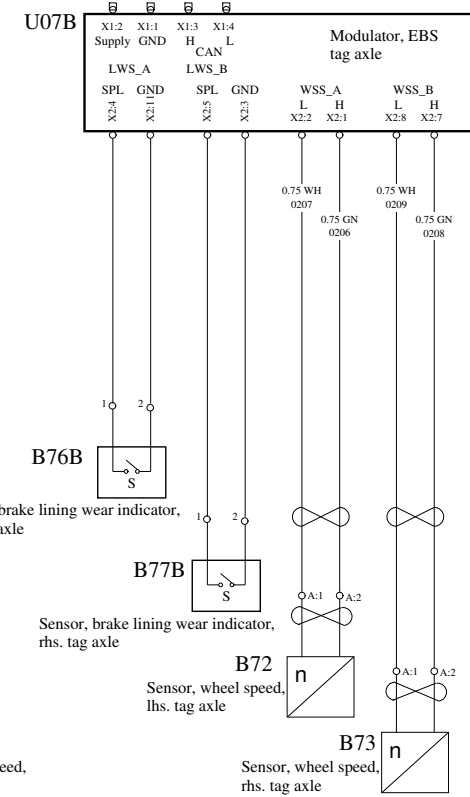
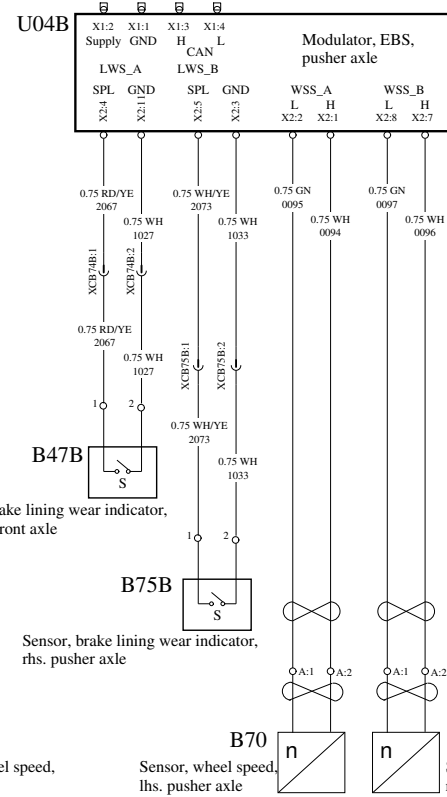
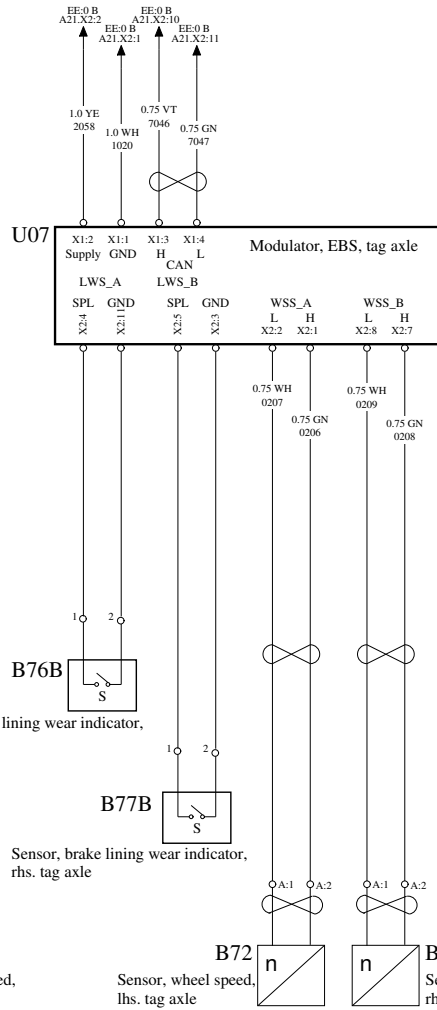
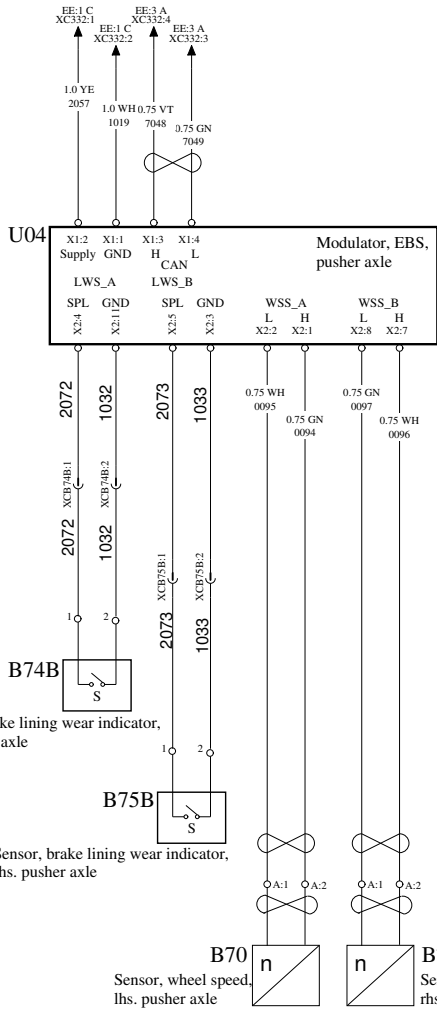
Driven Axles - 6x4 / 8x4 / 8x6



EBS OPTIONAL

8x2 TRIDEM MODULATORS

WIRING DIAGRAM EH



Pusher Axle



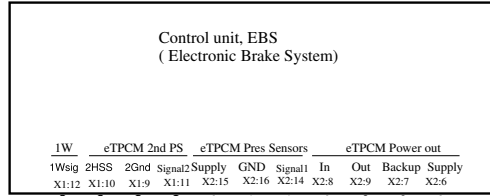
EBS TRAILER

MODULATOR

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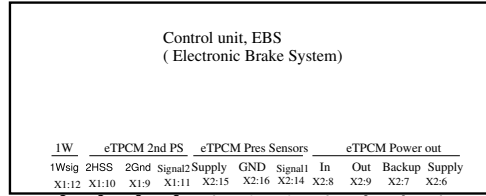
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TRACTOR



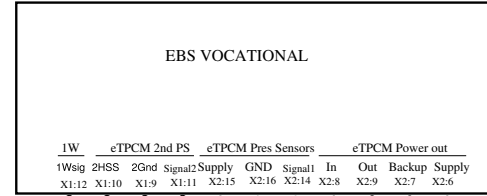
A21

POGO STICK MNT



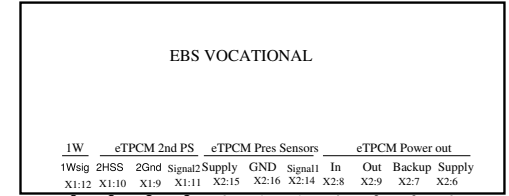
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VOCATIONAL TRACTOR

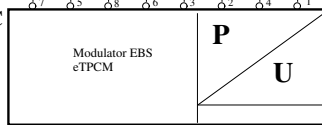


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VOCATIONAL POGO & RIGID

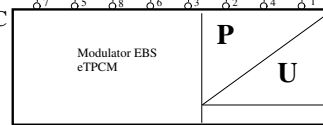


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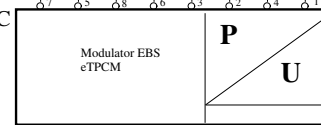
Modulator, EBS, trailer

U05C



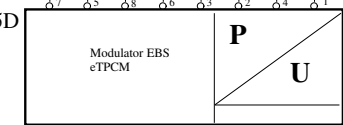
Modulator, EBS, trailer

U05C



Modulator, EBS, trailer

U05D



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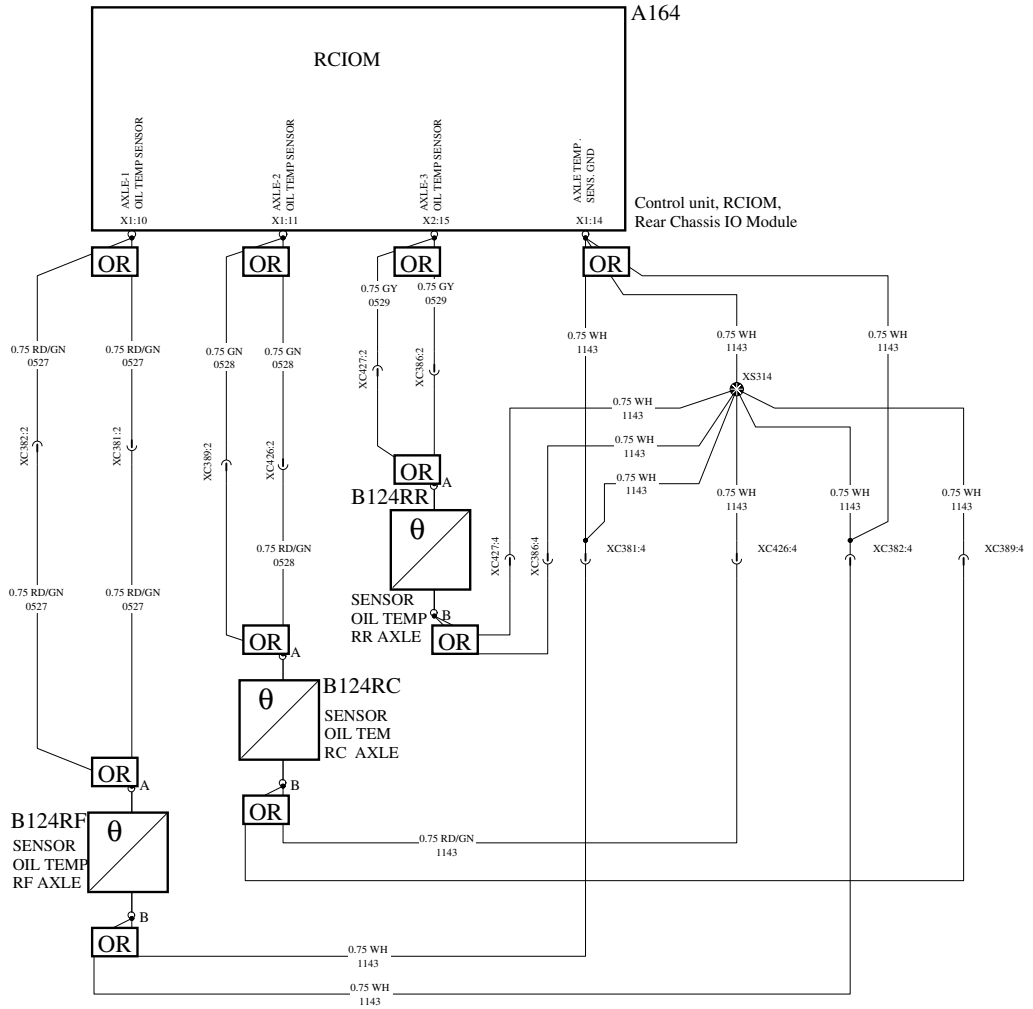
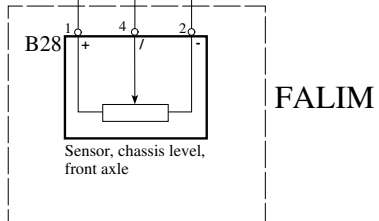
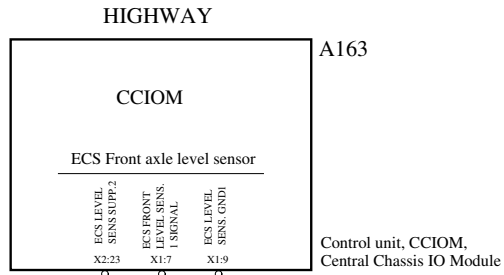
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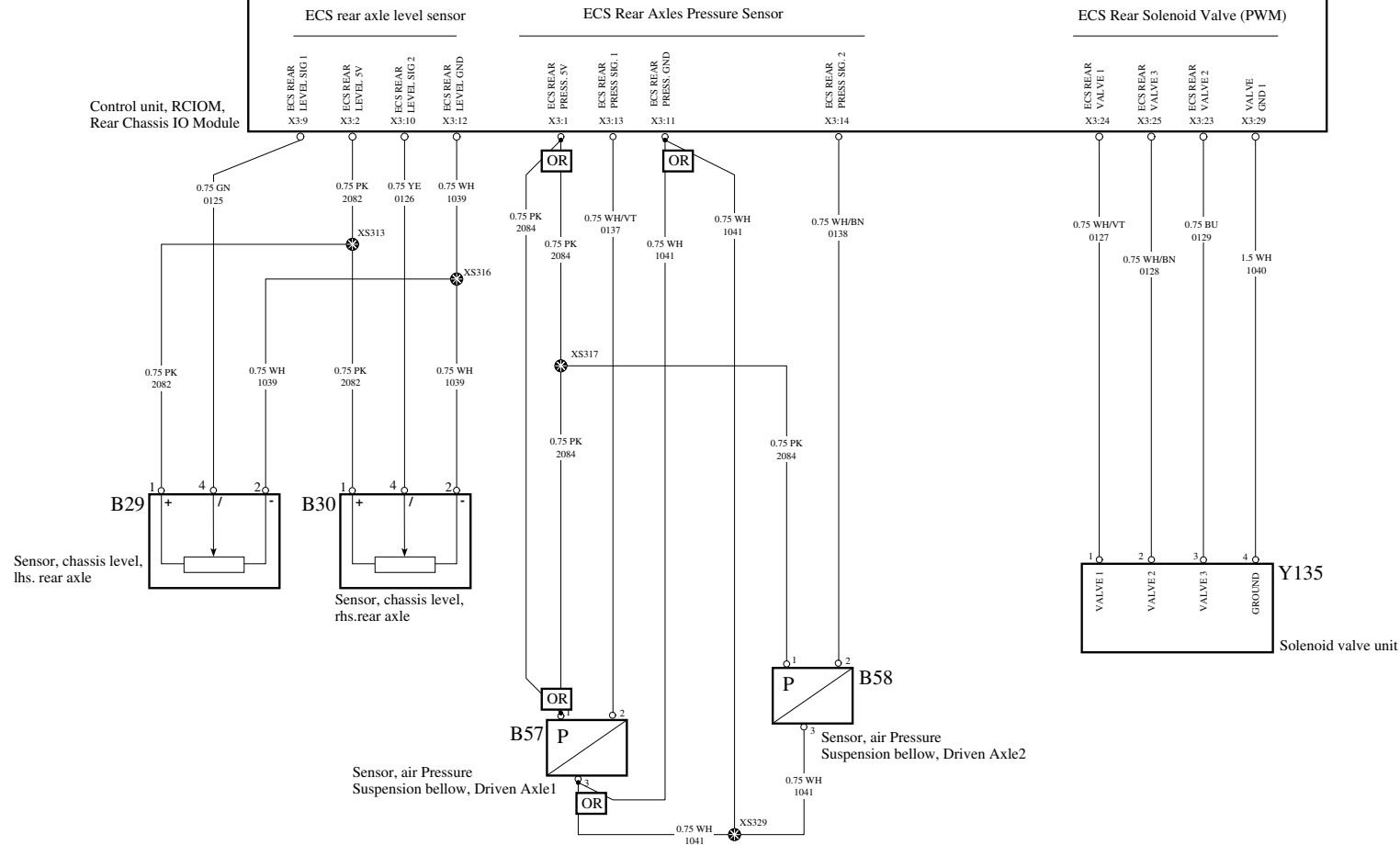
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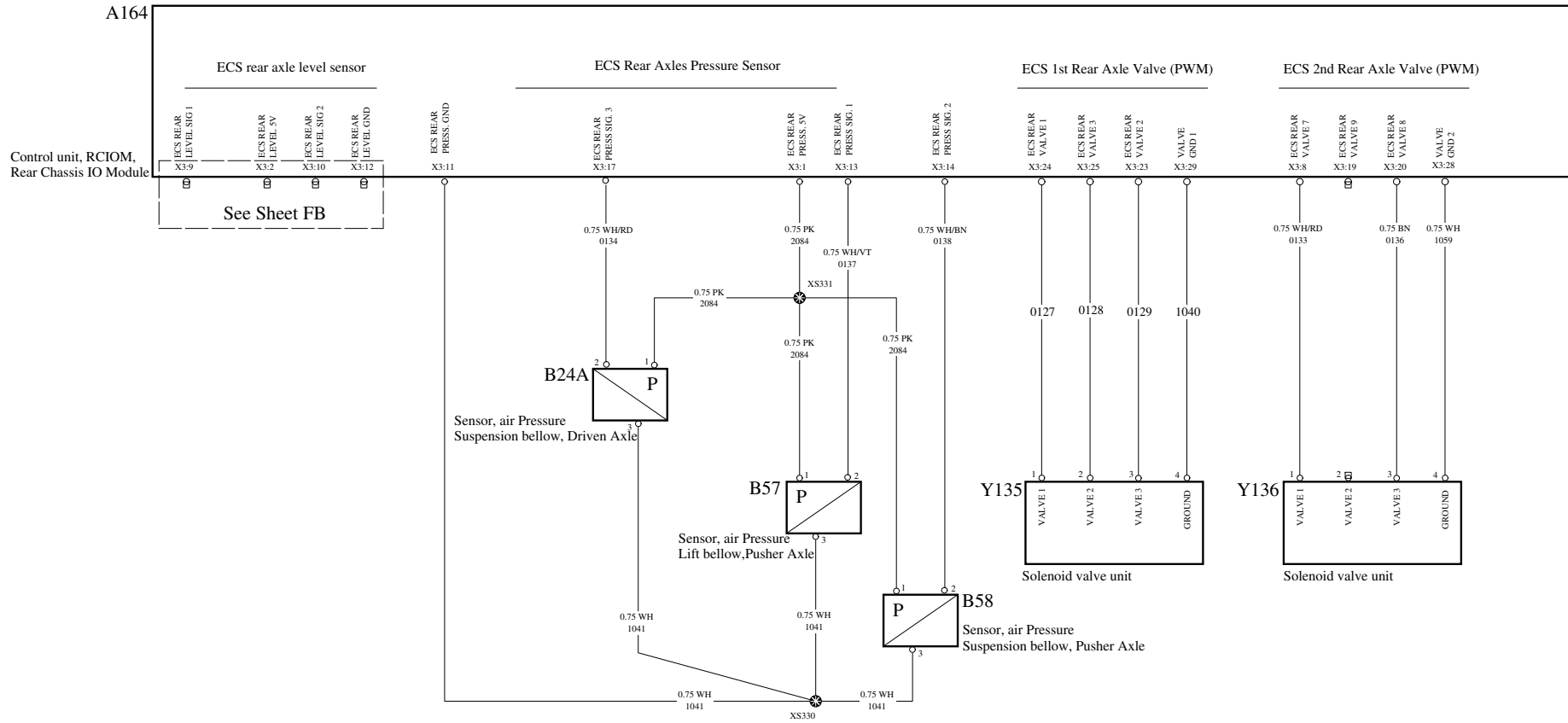
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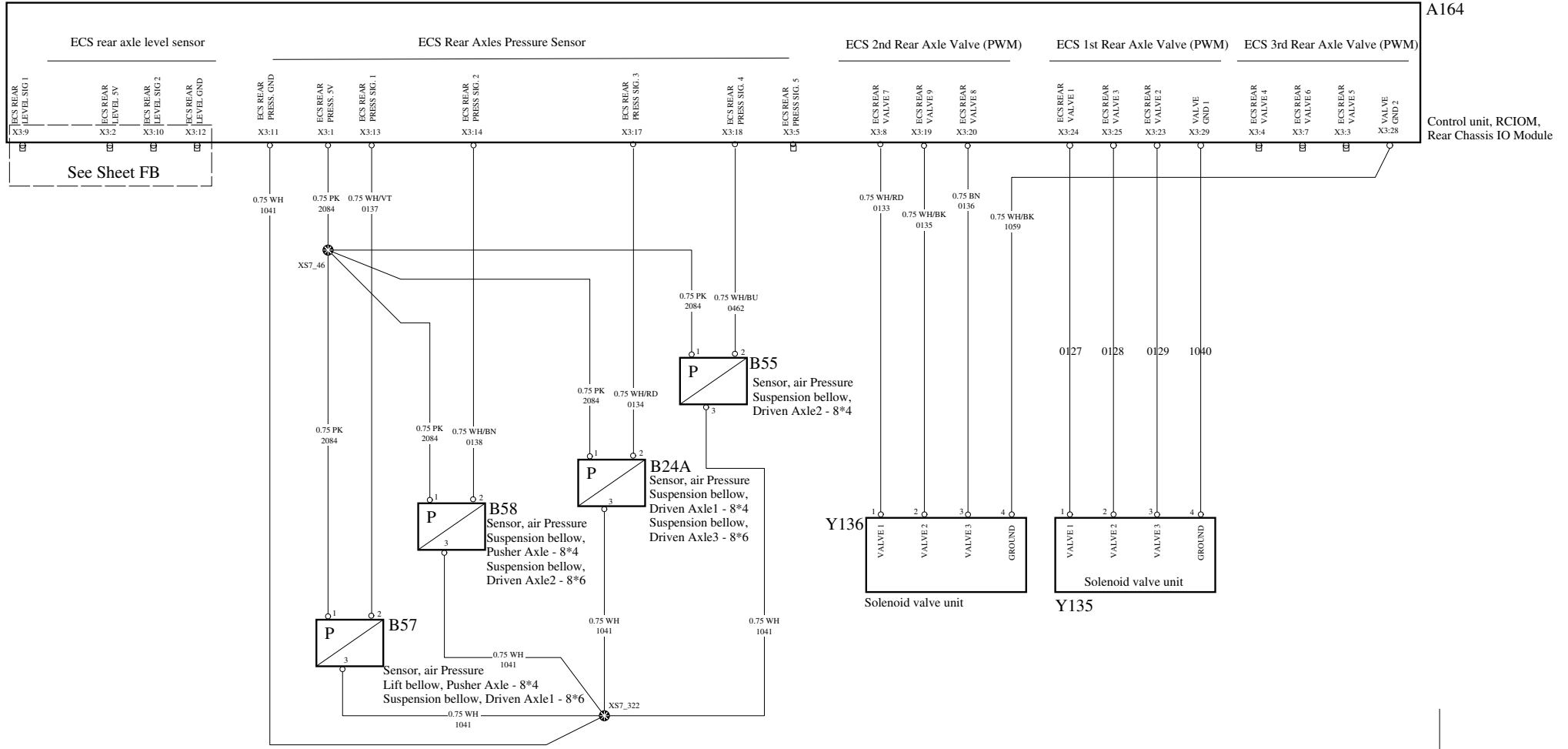
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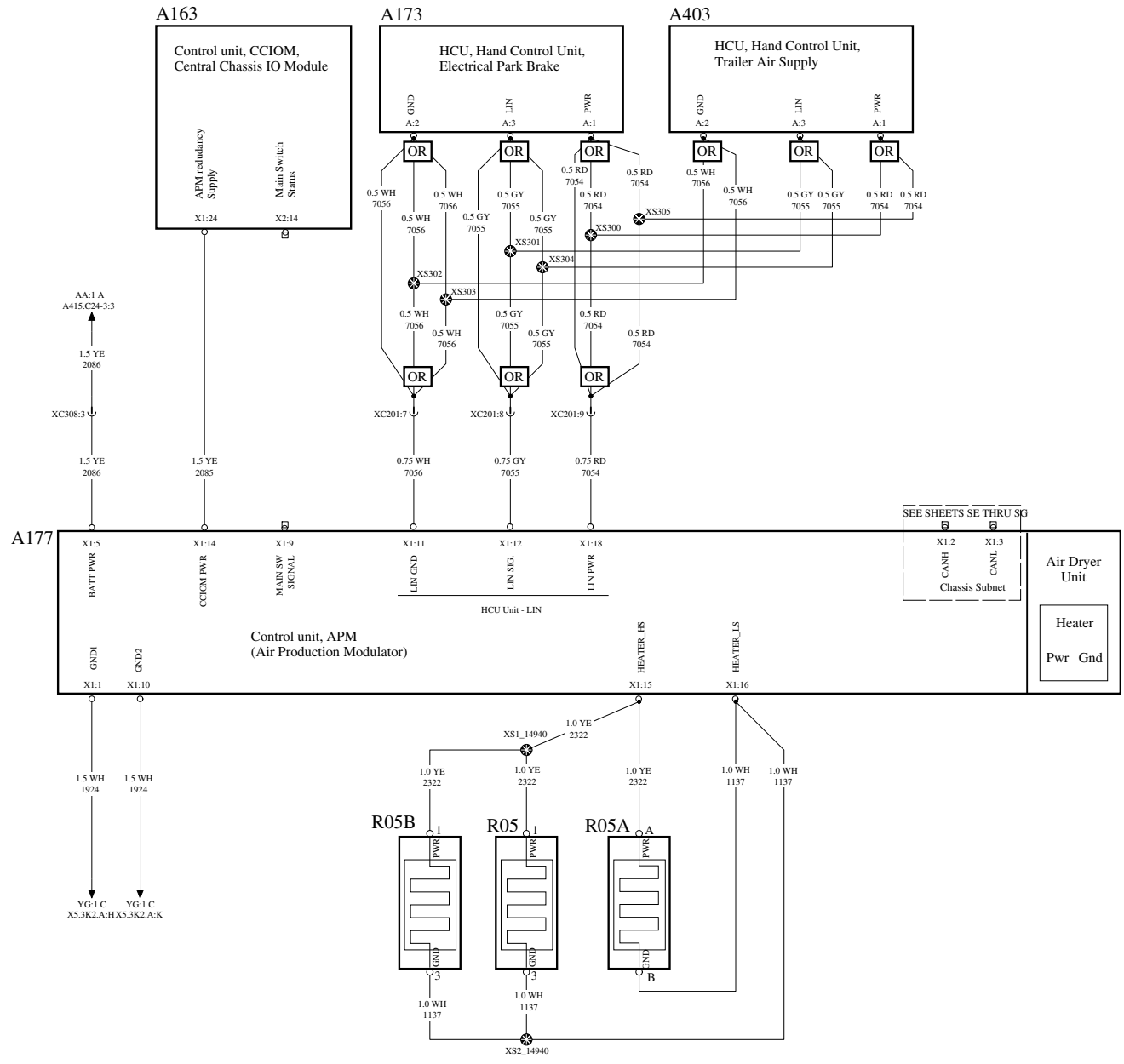


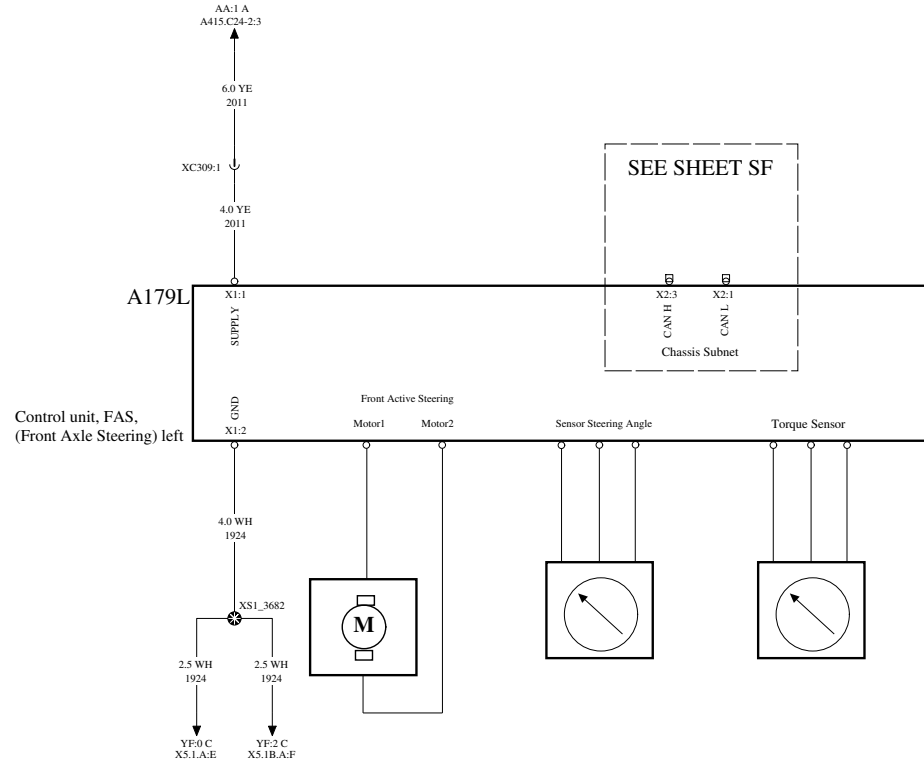
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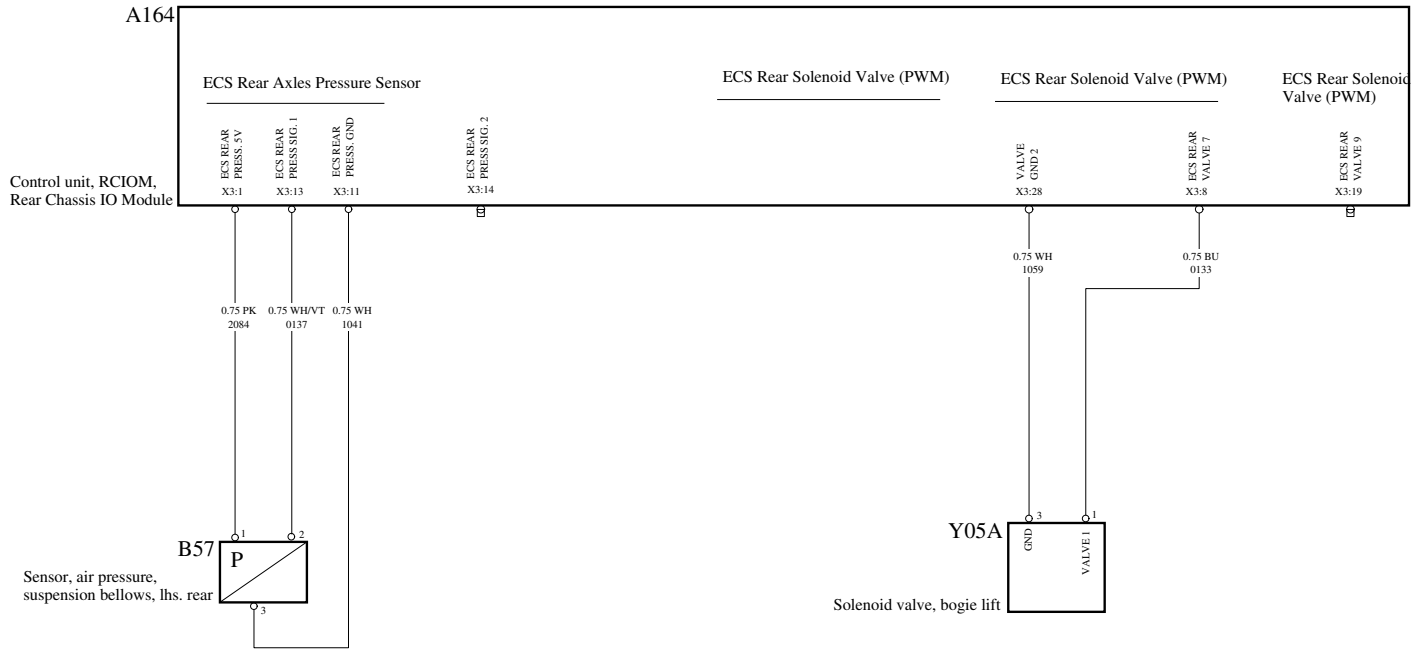


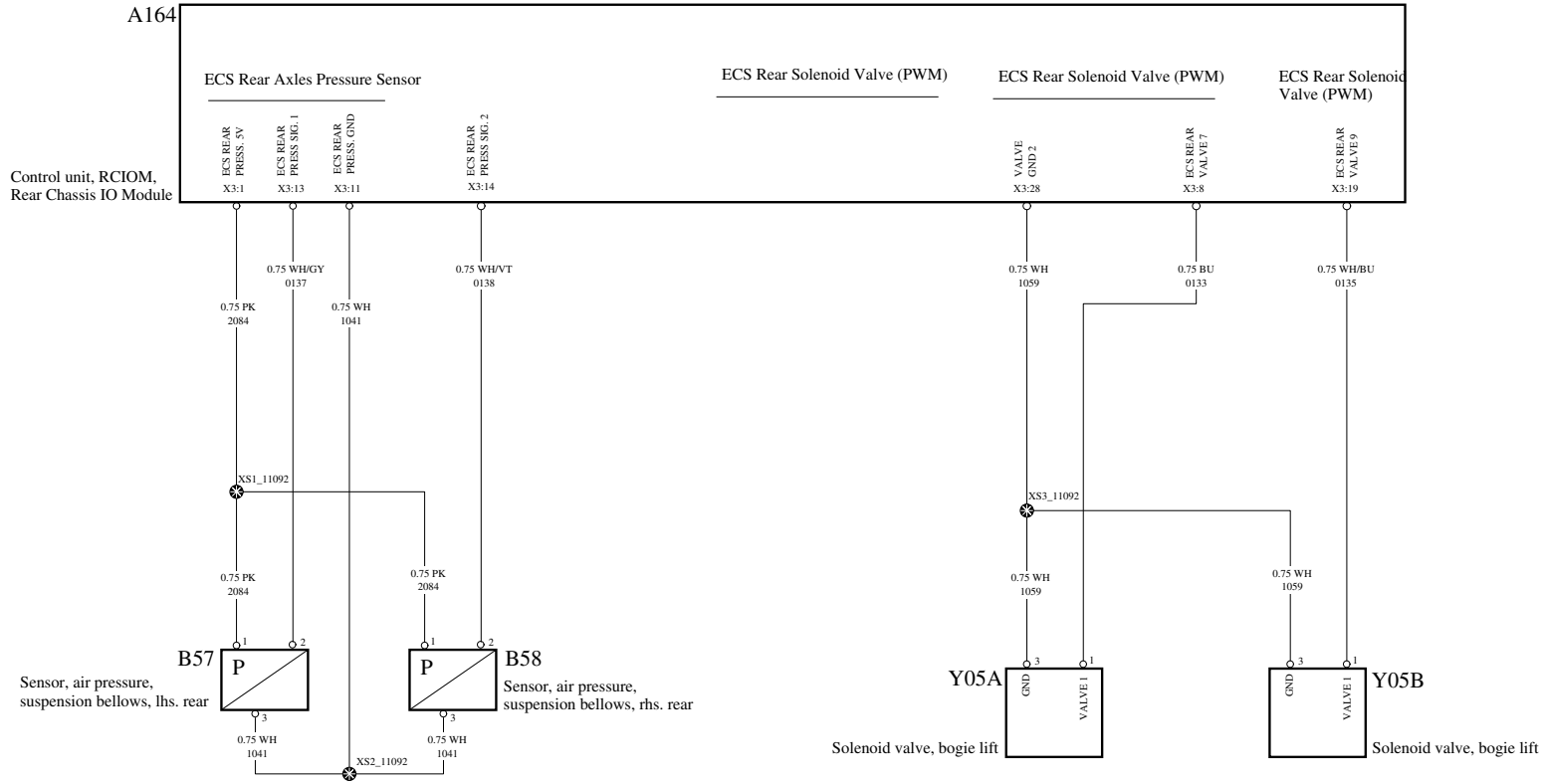


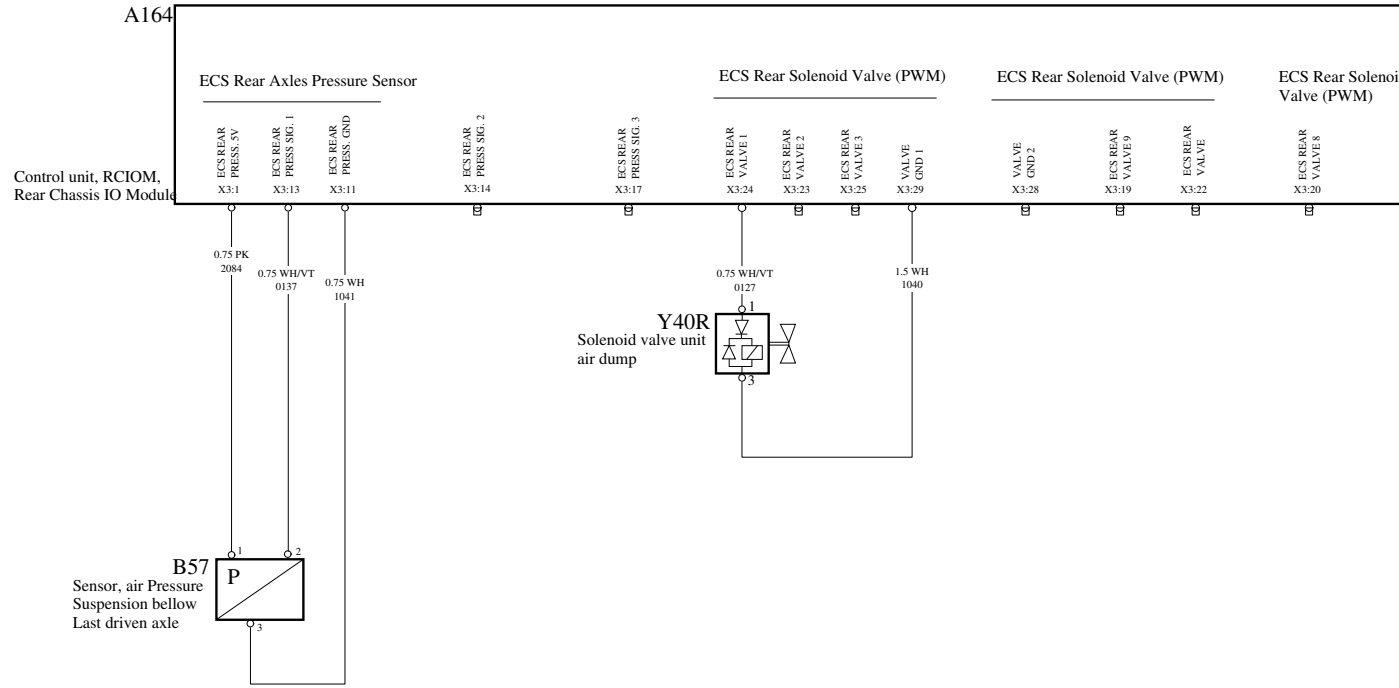






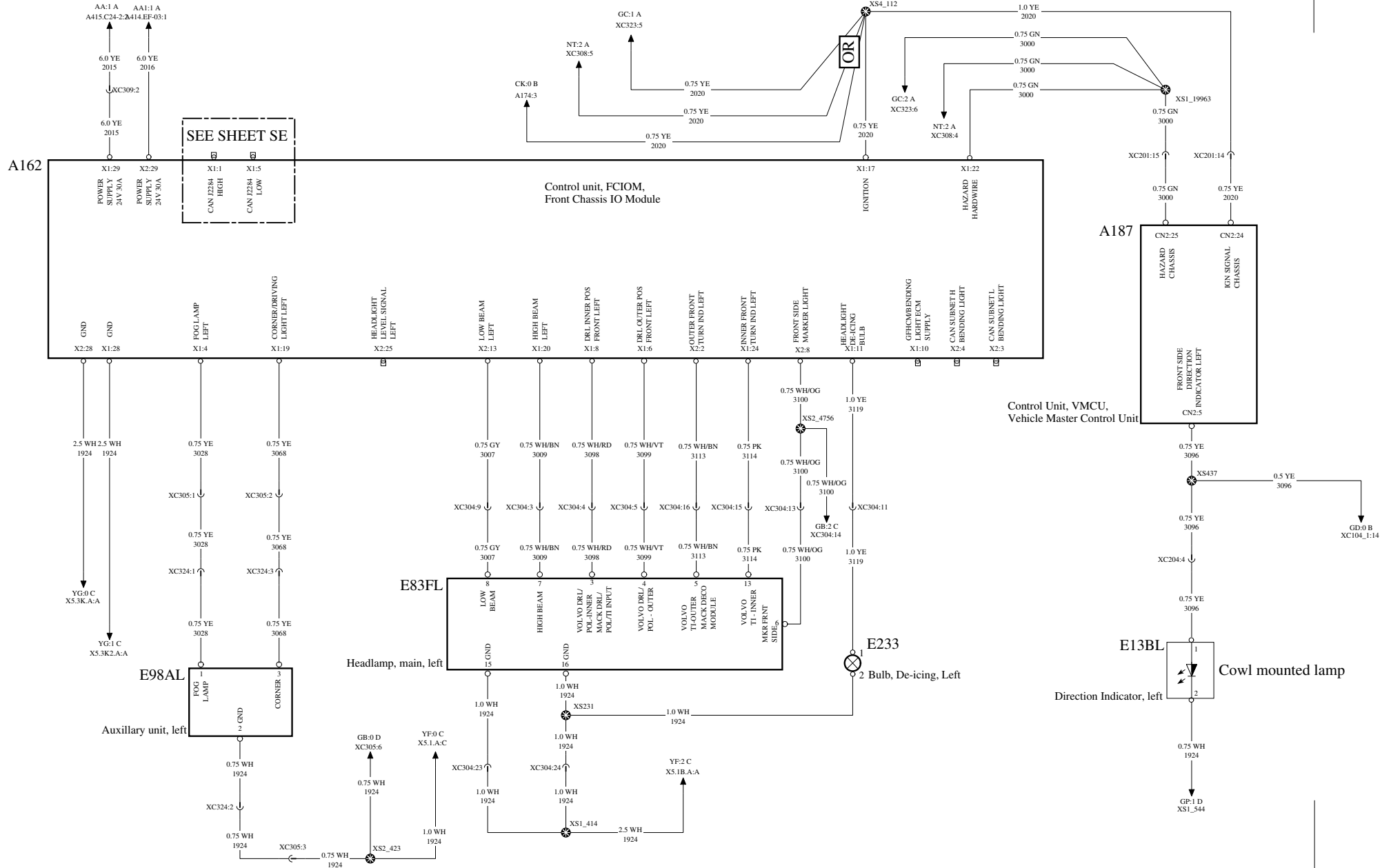


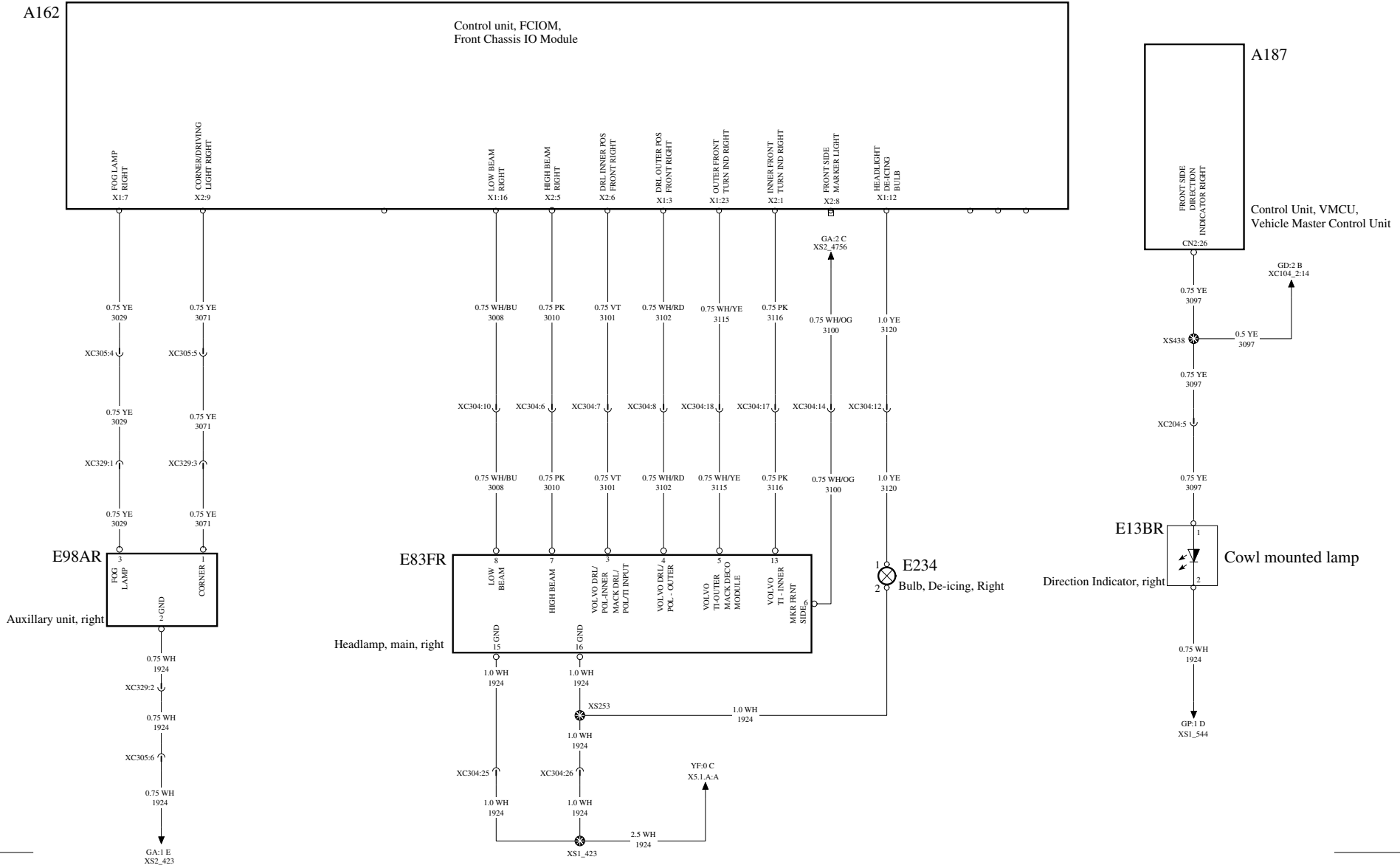




EXTERIOR LIGHT, FRONT, LEFT

WIRING DIAGRAM GA

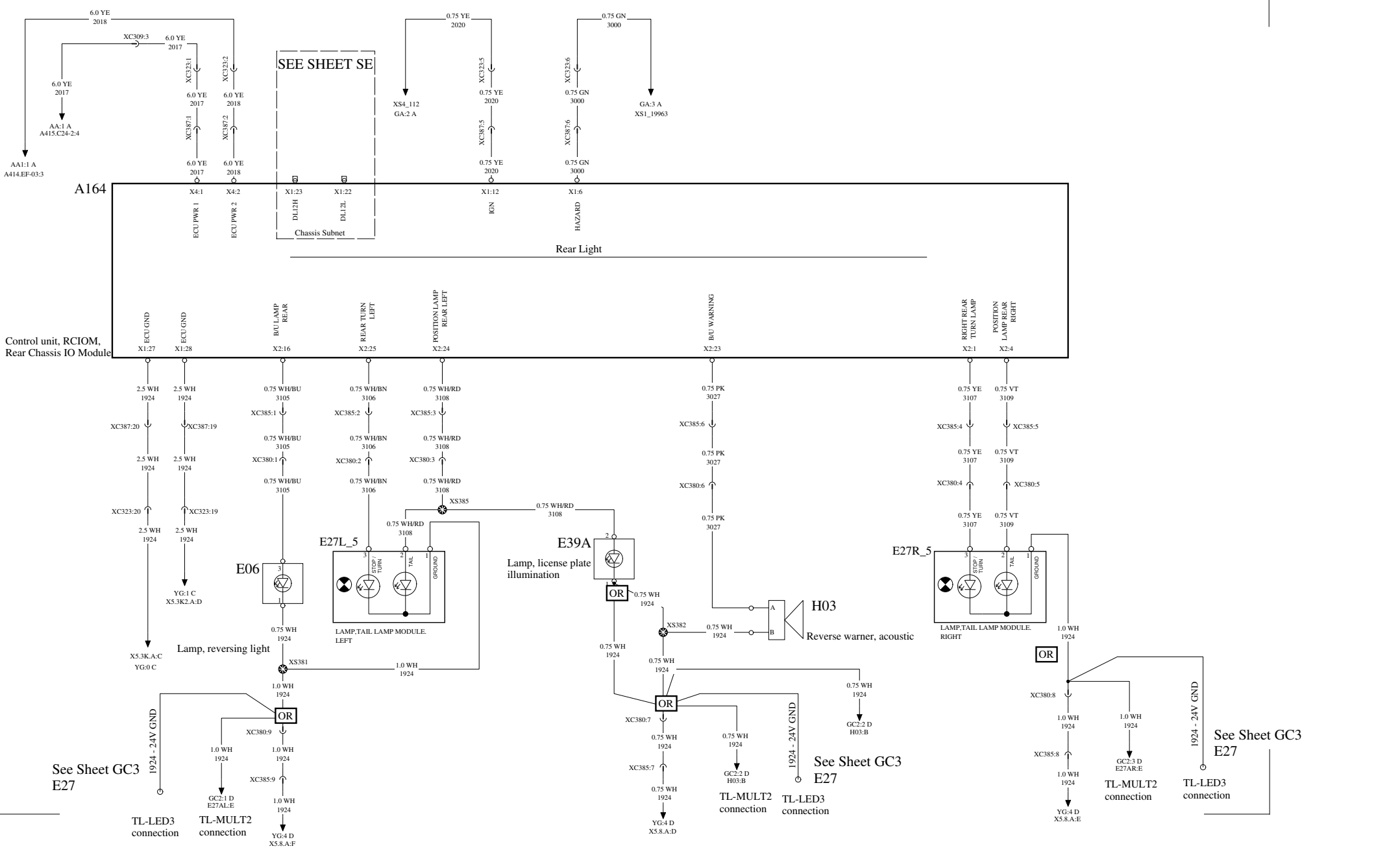




EXTERIOR LIGHTS TL-LED

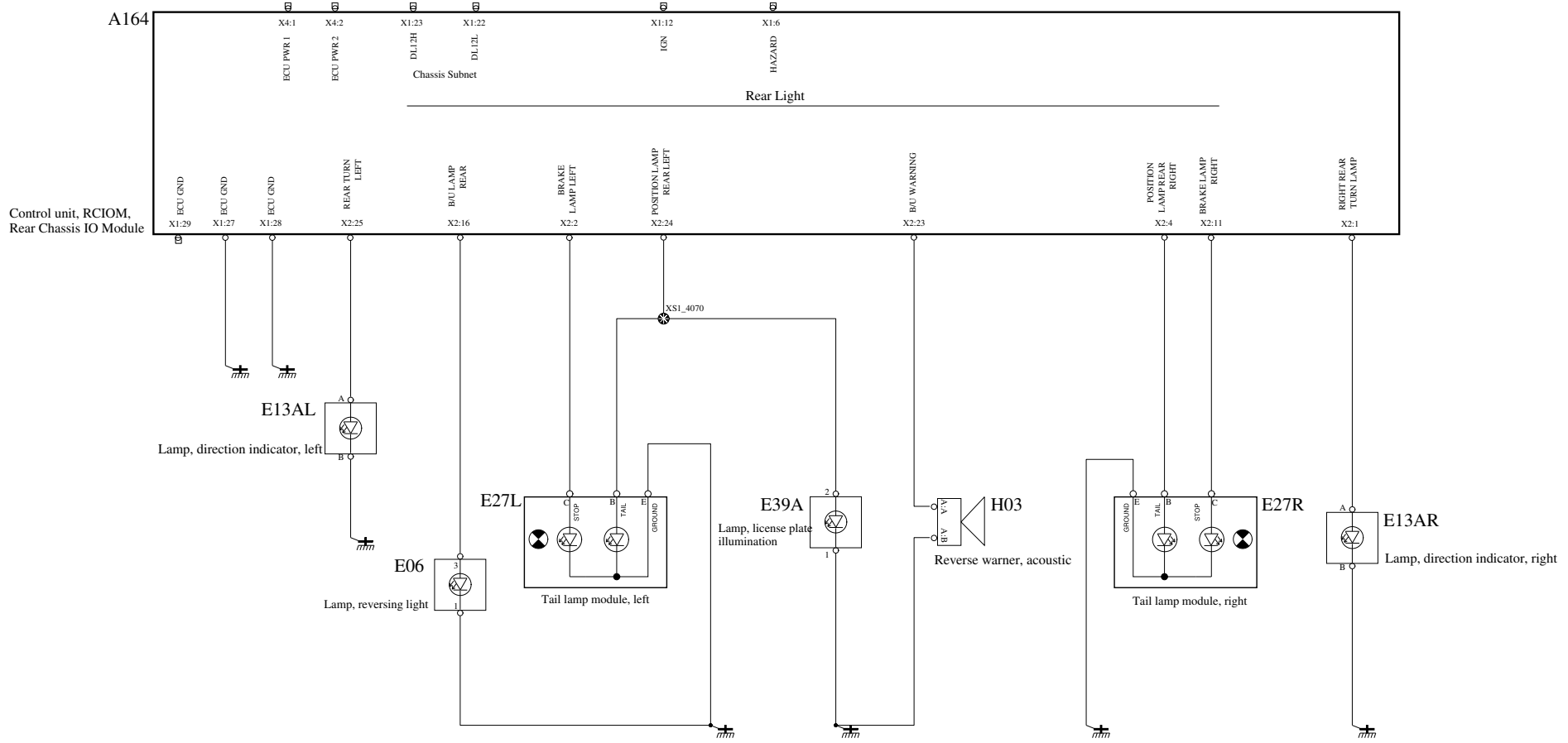
REAR LIGHT - TL-LED

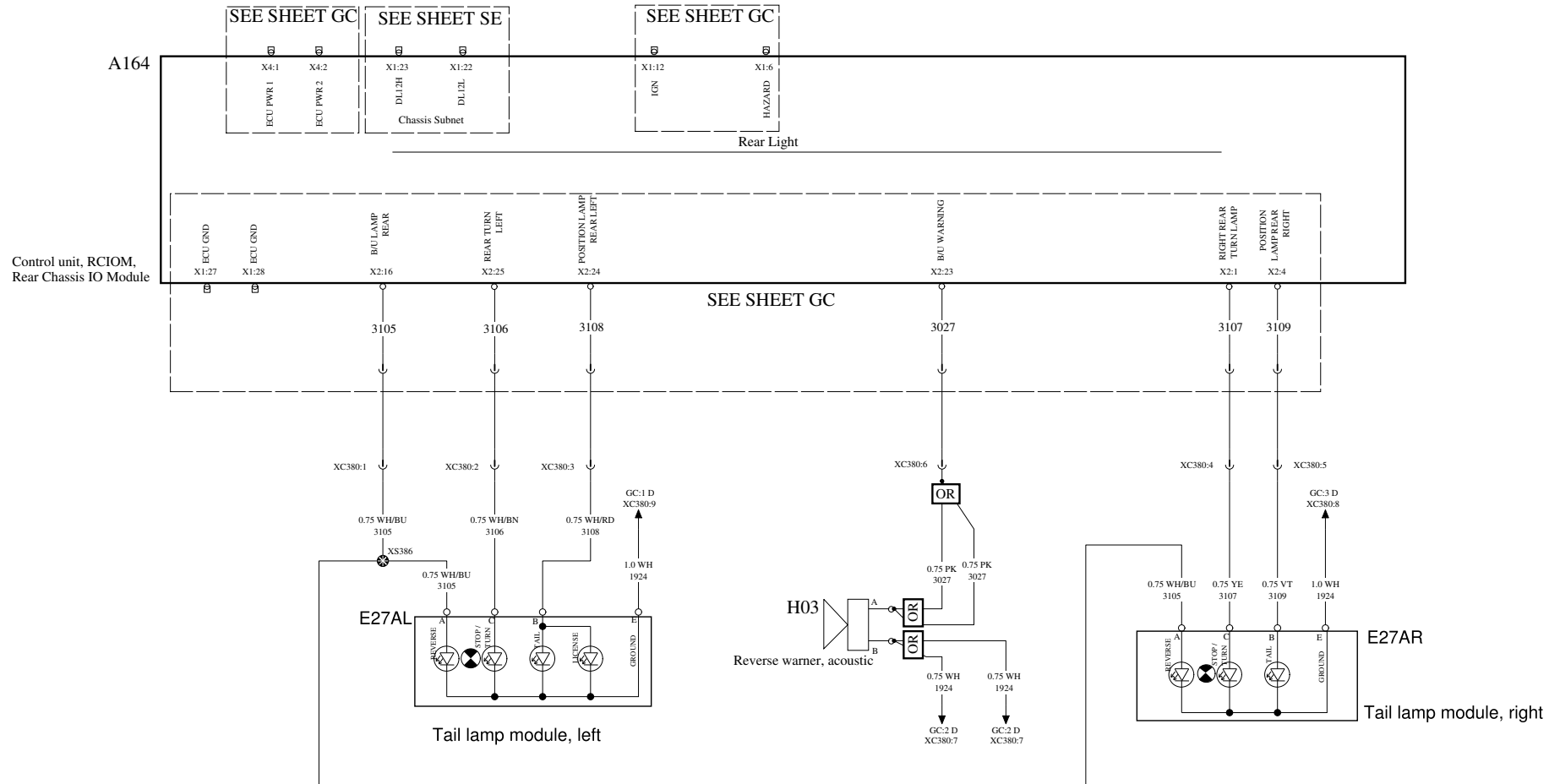
WIRING DIAGRAM GC

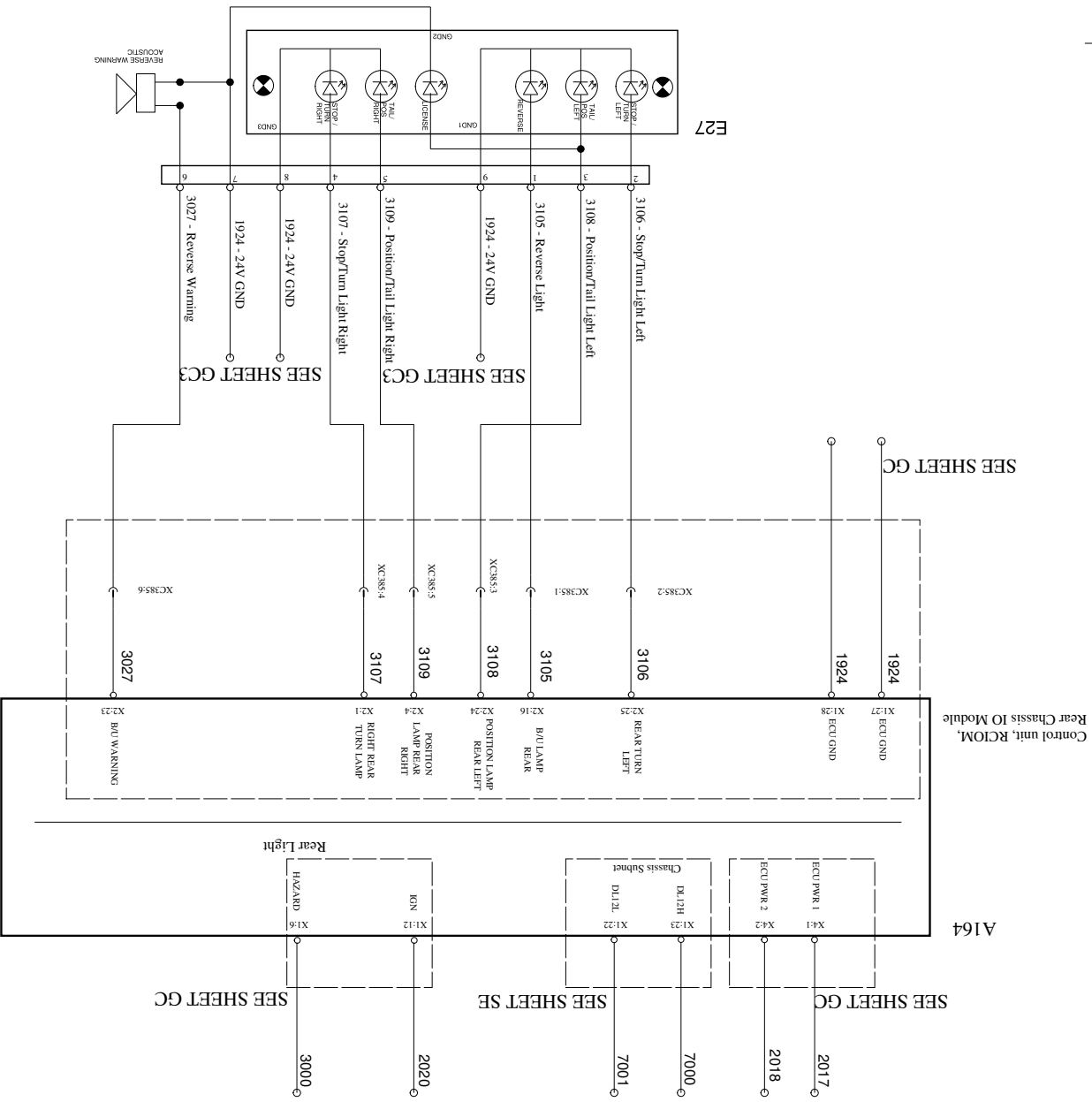


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TL-LED3 wiring is part of lamps unit from supplier

WIRING DIAGRAM GC3

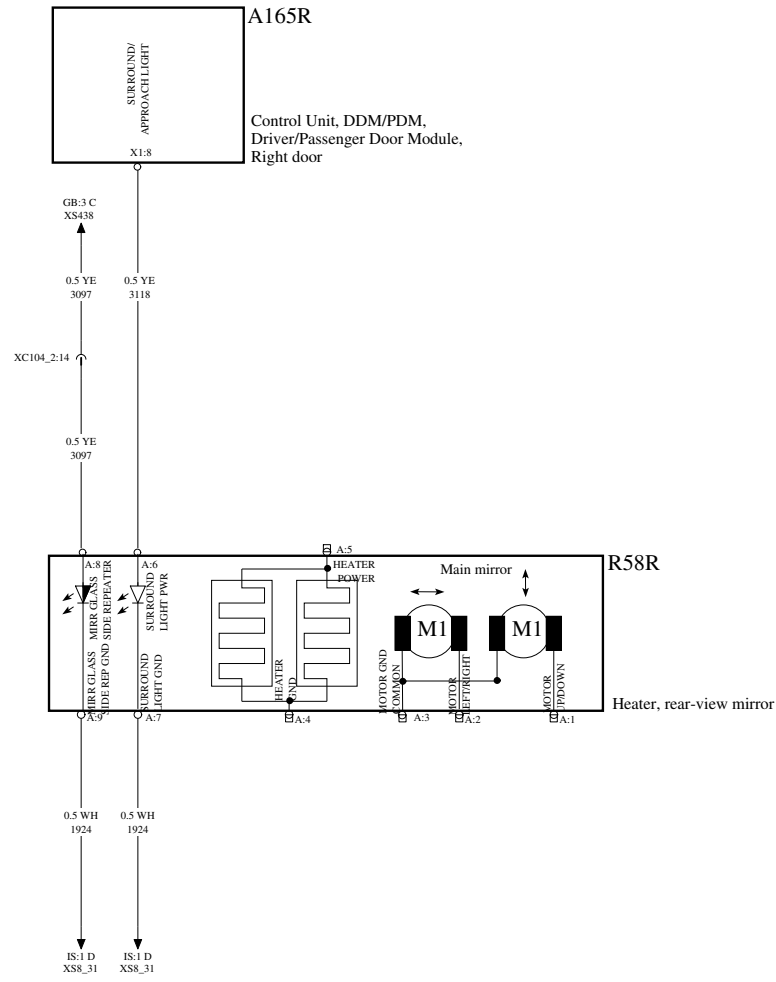
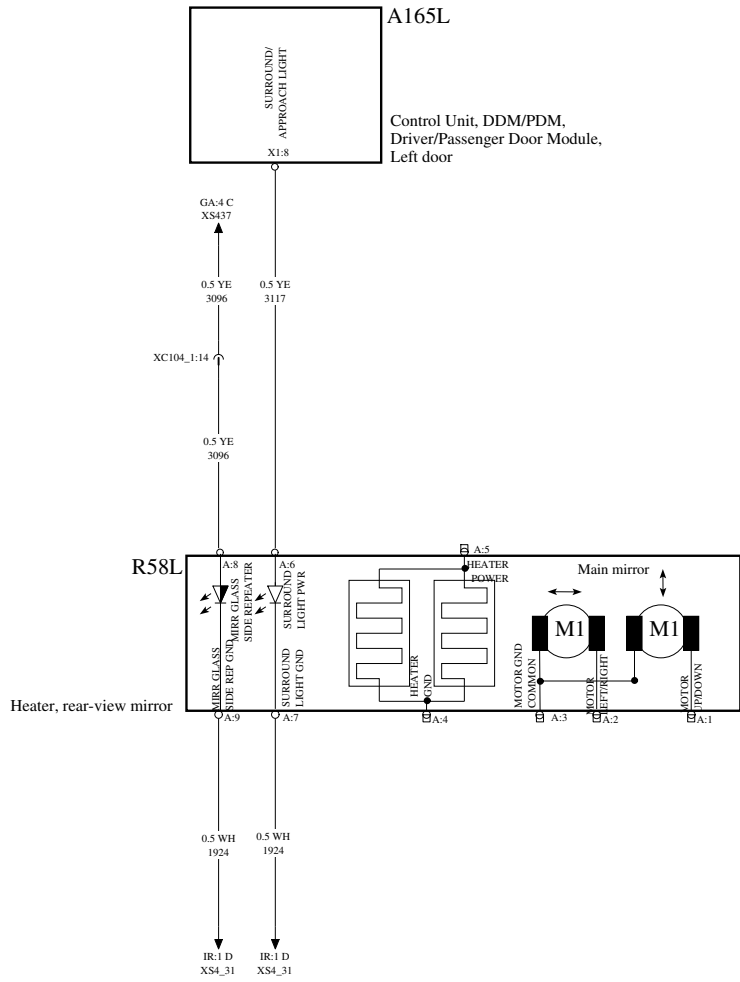
REAR LIGHT - TL-LED3

EXTERIOR LIGHTS TL-LED3

EXTERIOR LIGHT, MIRROR

SURROUND & MIRROR GLASS REPEATER LIGHT

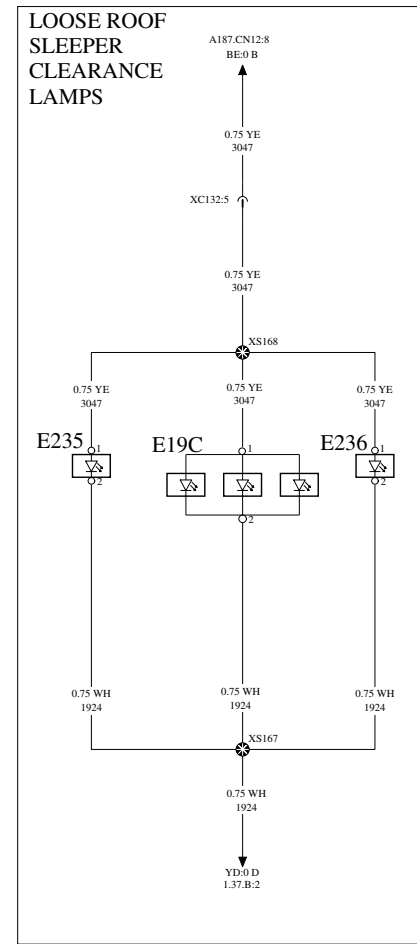
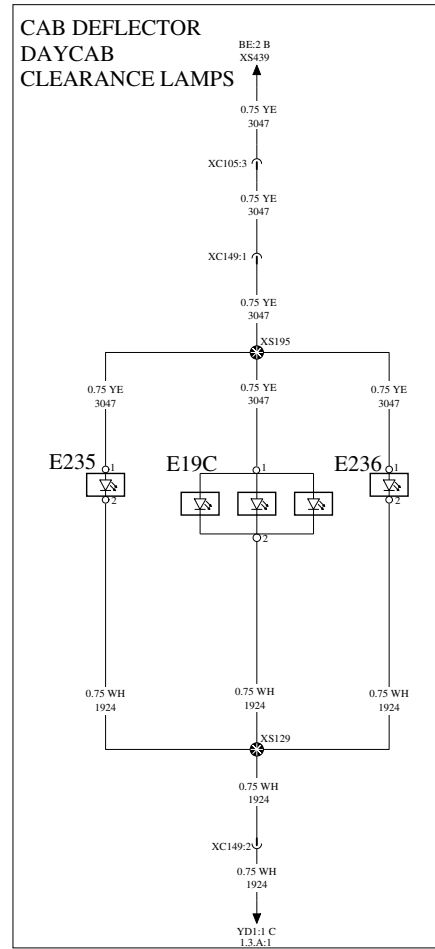
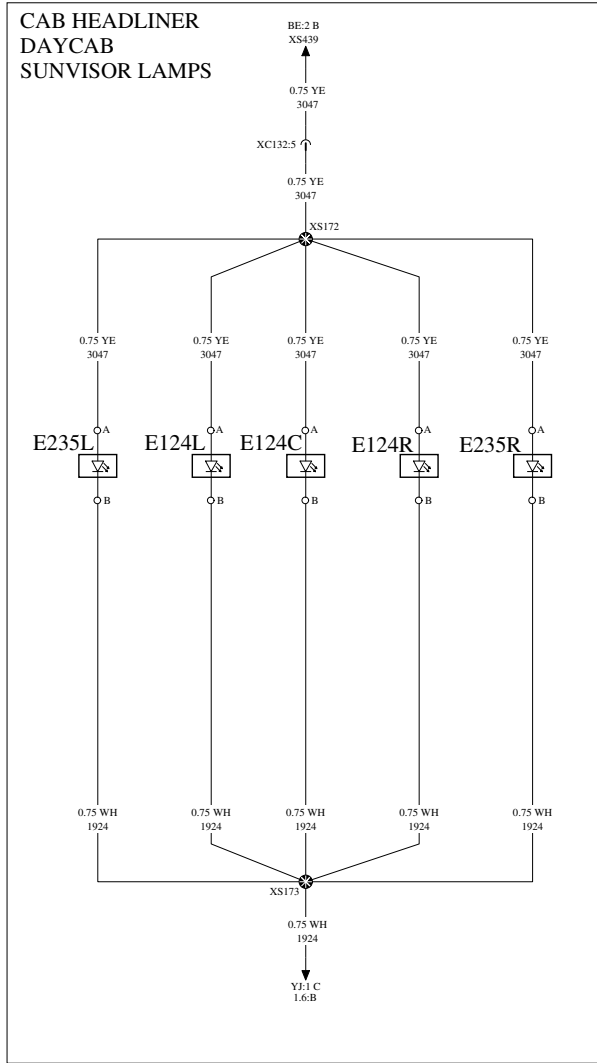
WIRING DIAGRAM GD



EXTERIOR LIGHTS, ROOF

IDENTIFICATION LIGHTS

WIRING DIAGRAM GF



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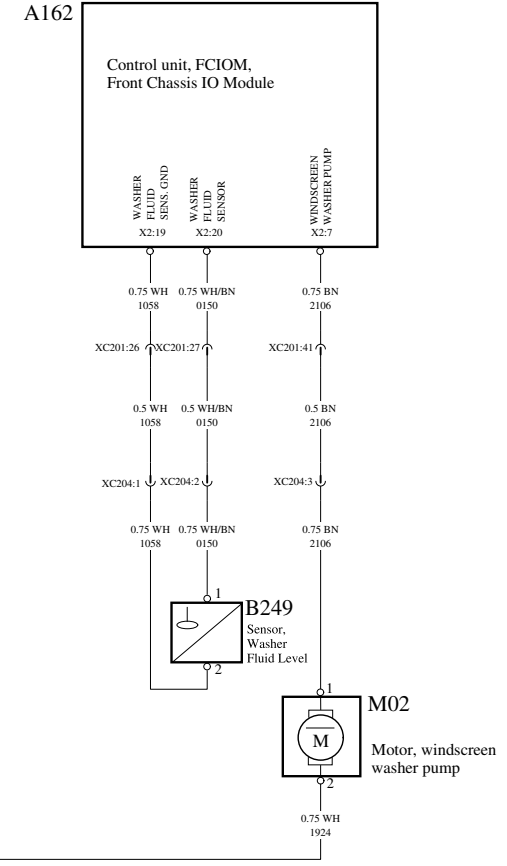
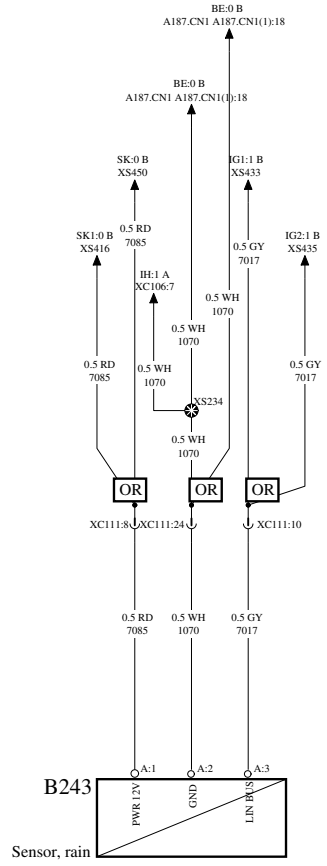
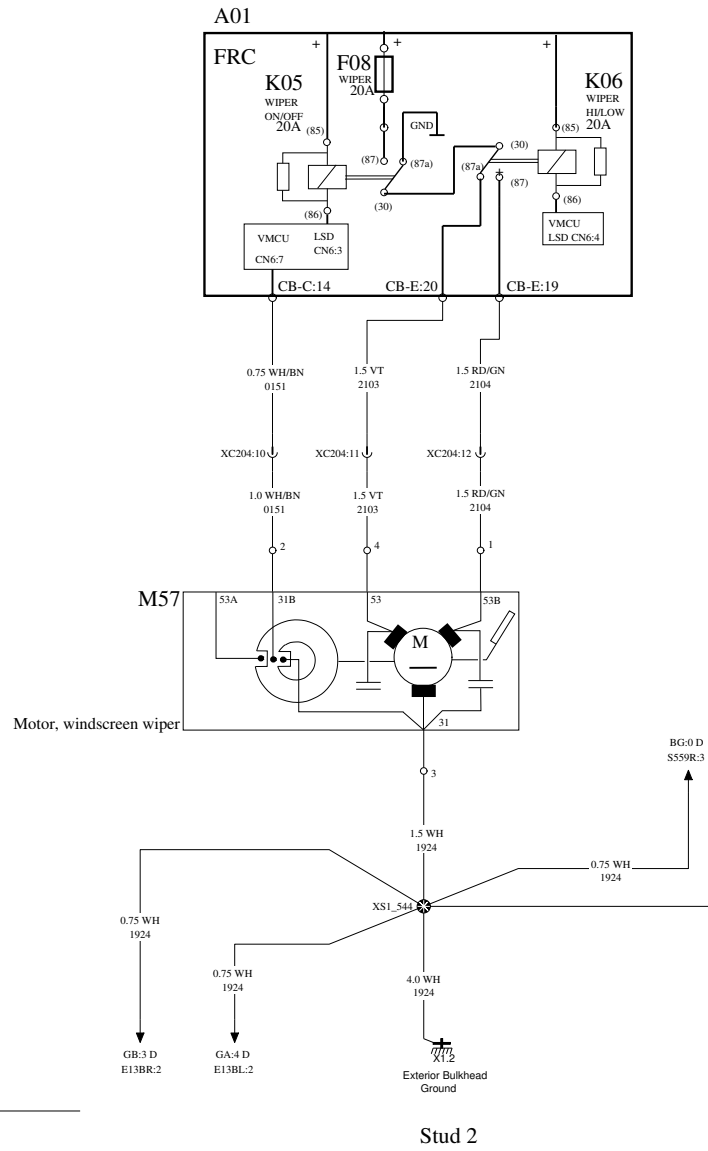
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WIPER AND WASHER

WIRING DIAGRAM GP

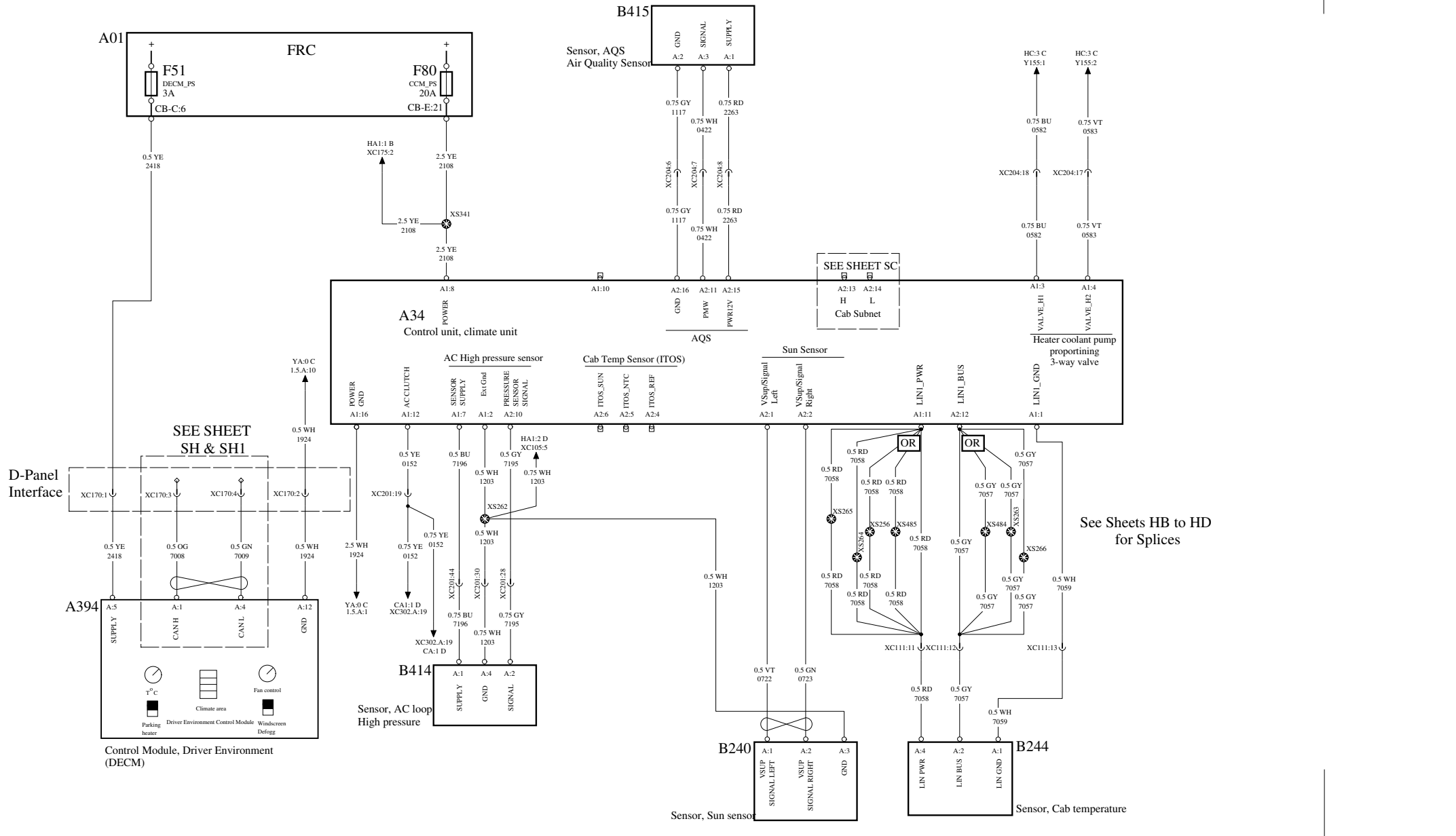


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WIRING DIAGRAM HA



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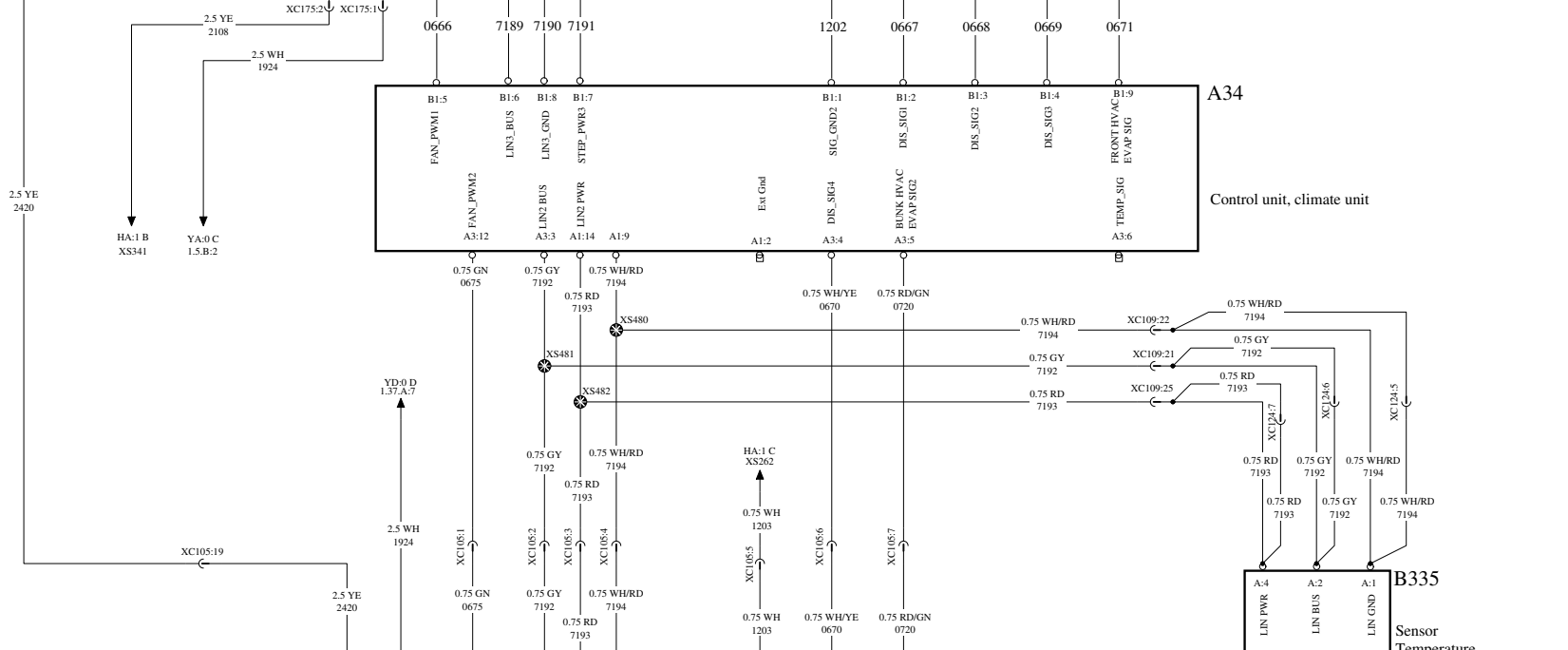
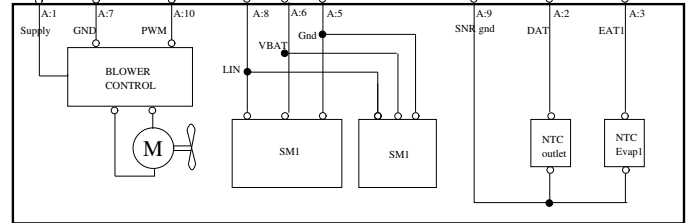
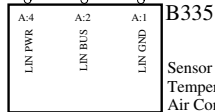
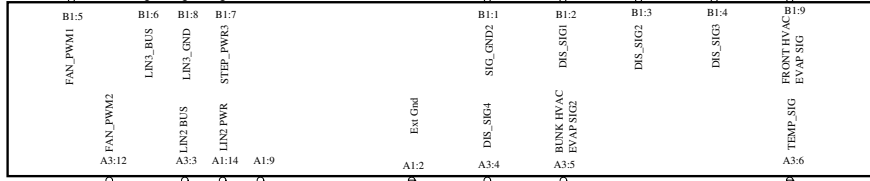
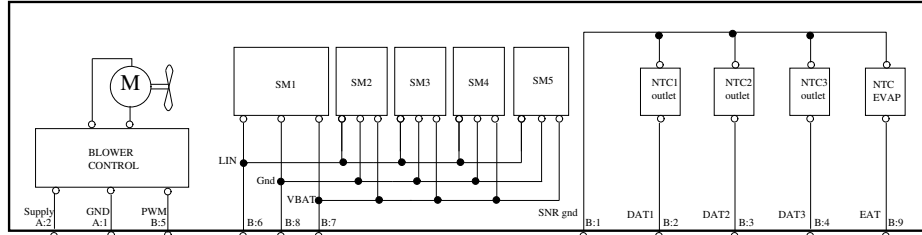
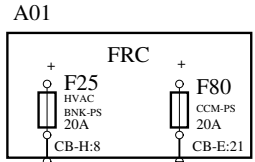
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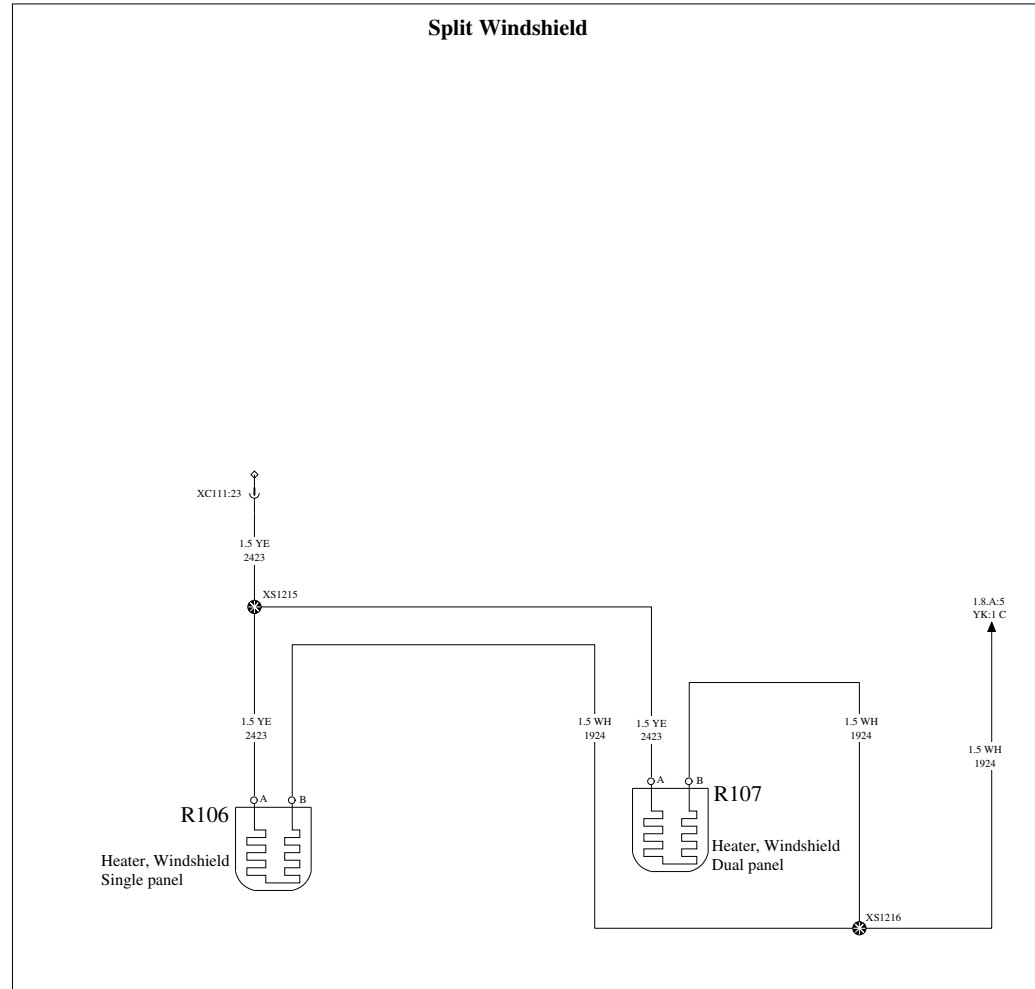
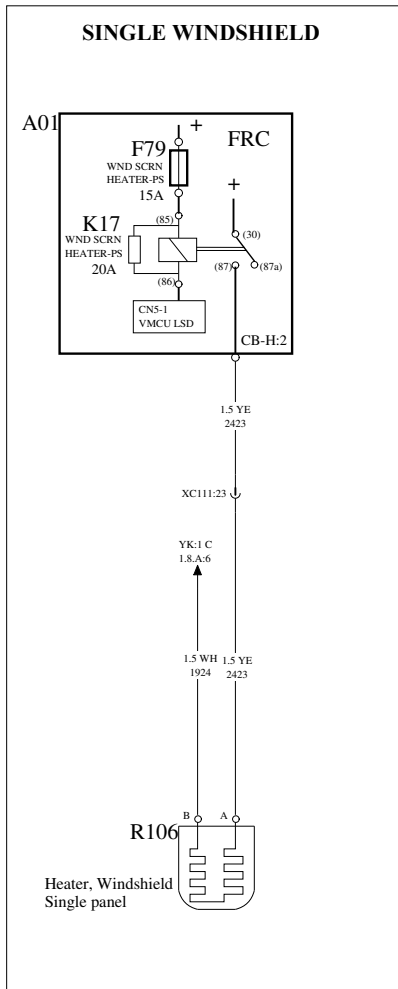
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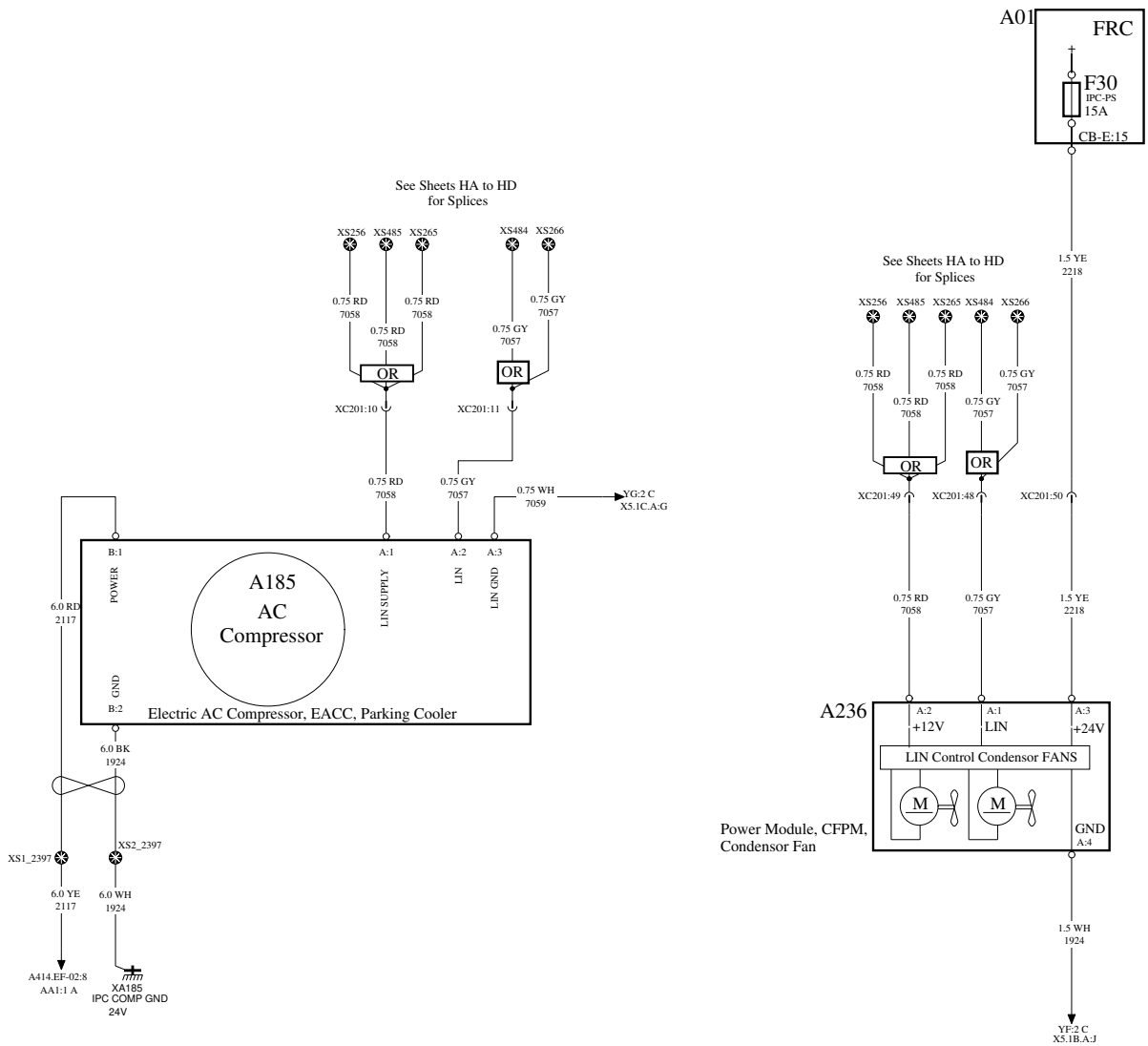
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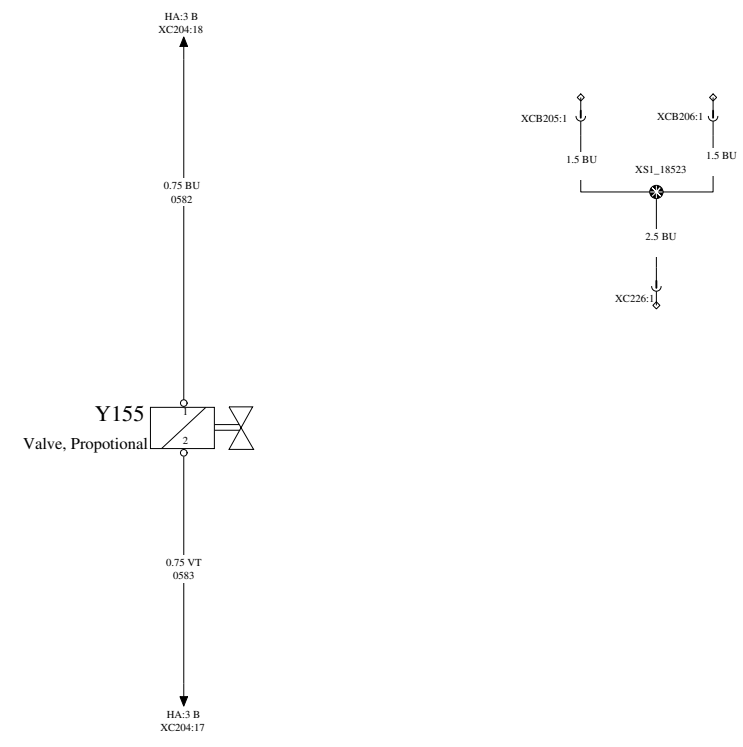
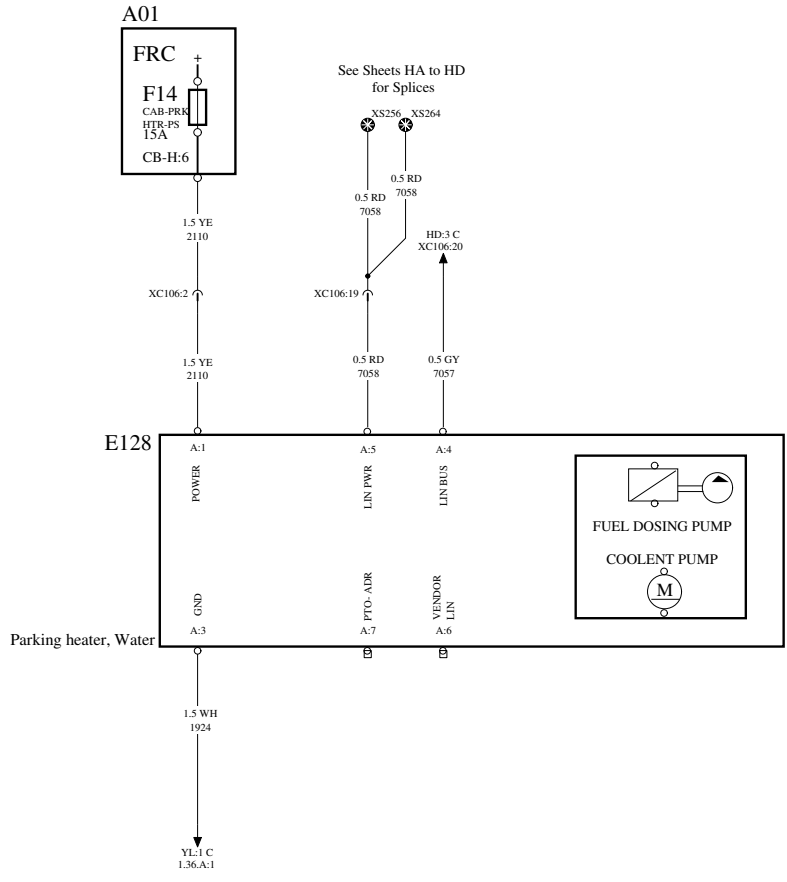




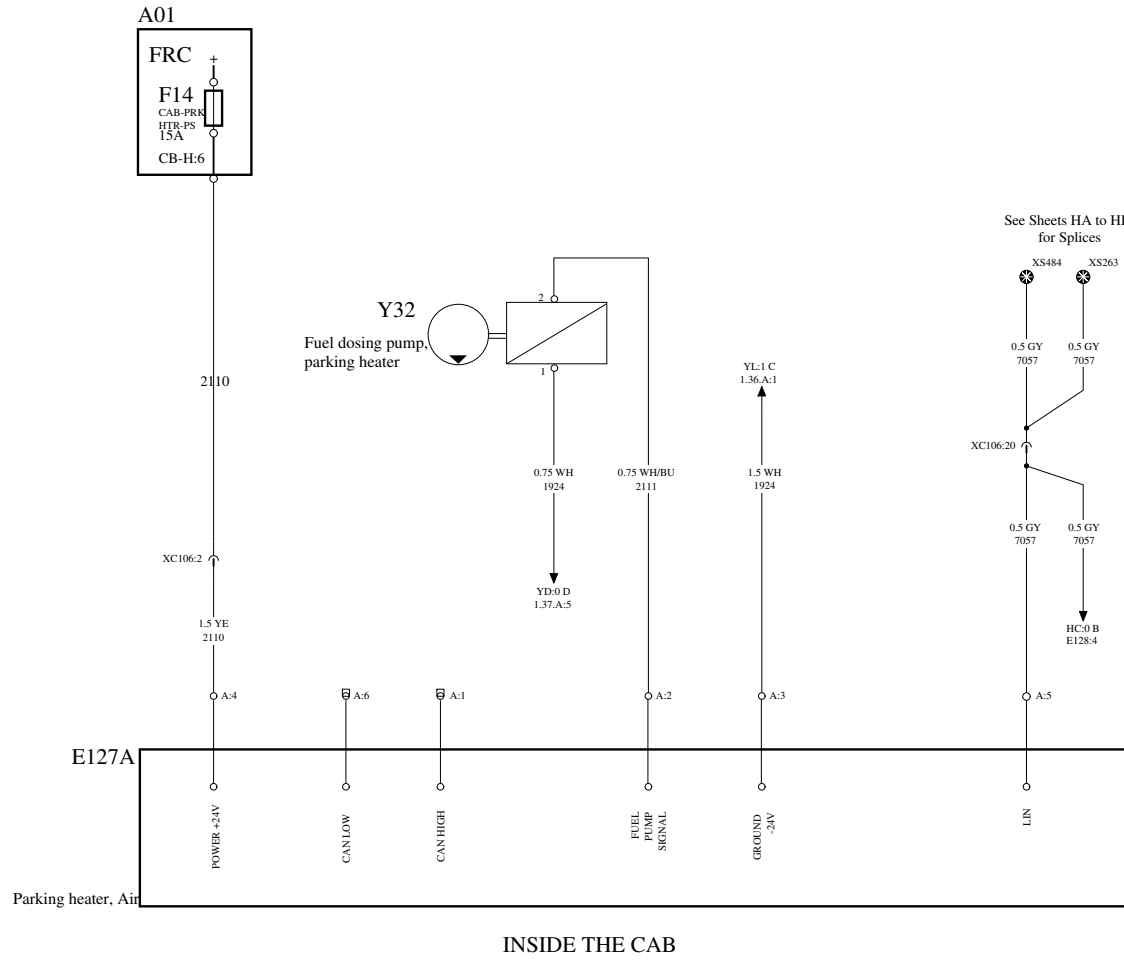
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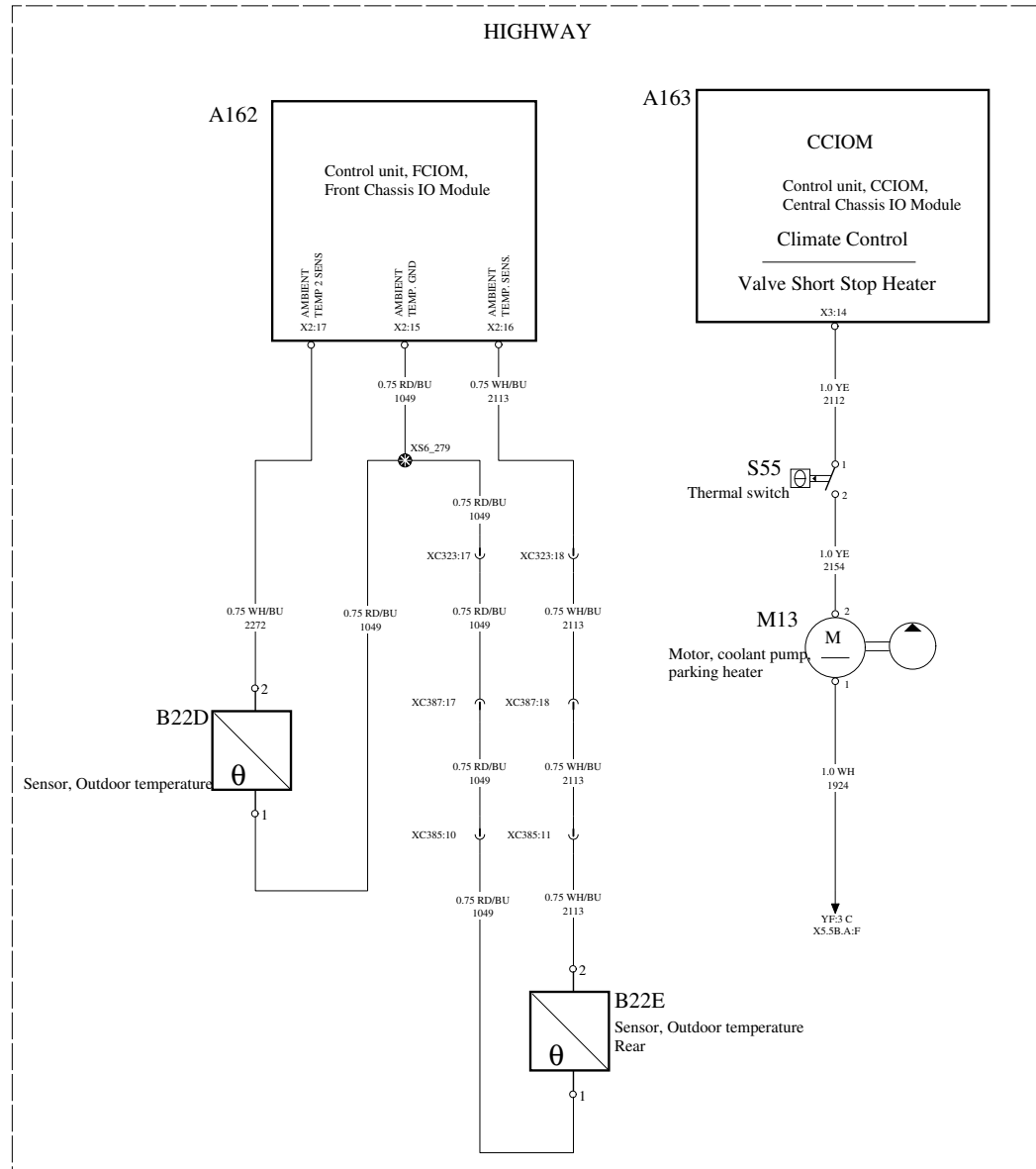
PARKING HEATER - WATER

WIRING DIAGRAM HC



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AIR FILTER MONITORING

AIR INTAKE SWITCHING

WIRING DIAGRAM HF

A

A

B

B

C

C

D

D

E

E

A163



Control unit, CCIOM,
Central Chassis IO Module

X3:21

0.75 BU
0712

DC:0 B
XC303.A:35

0.75 BU
0712

XC303.A.A:35
DE:0 B



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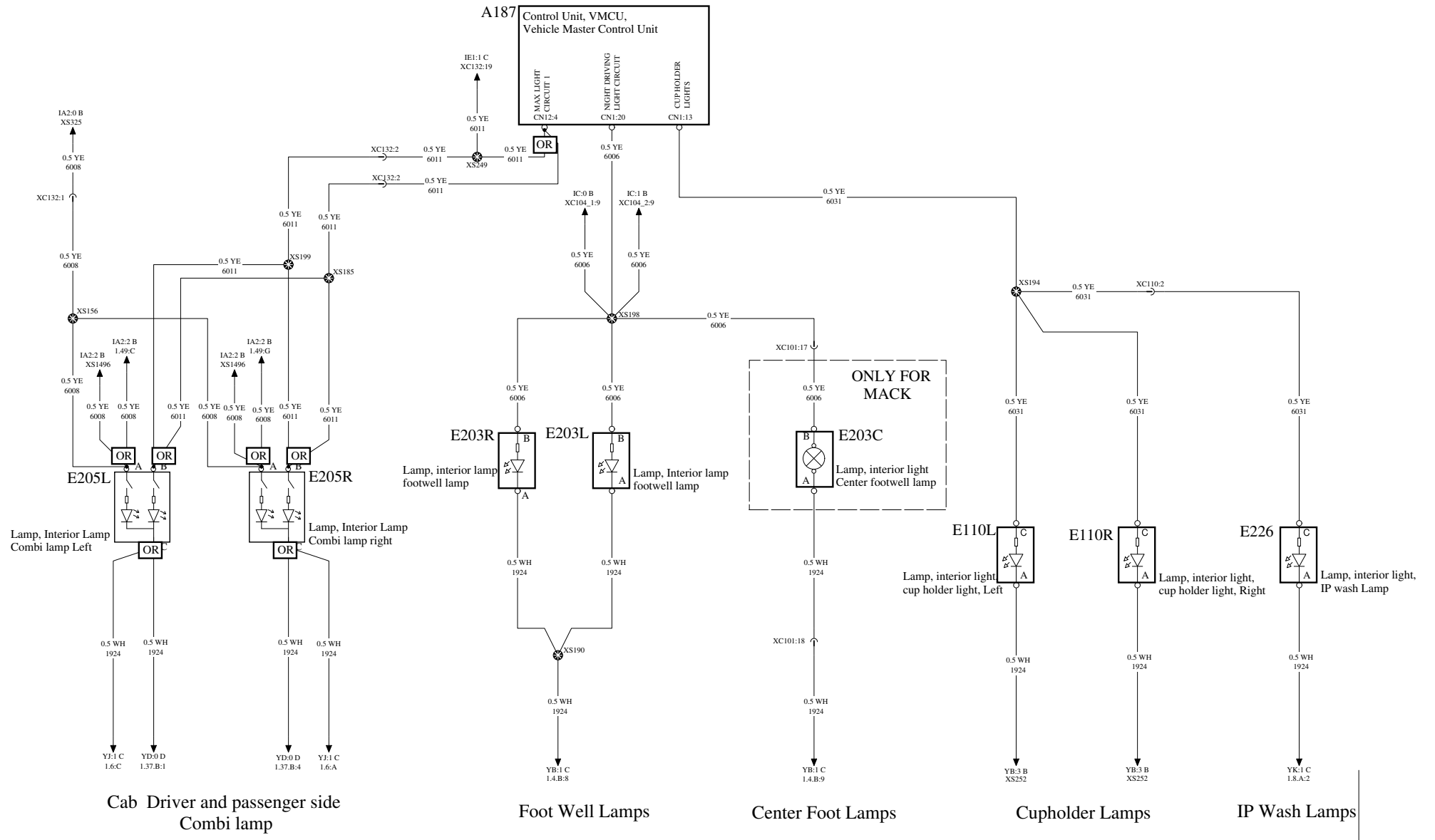
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INTERIOR LIGHTS

BASE AND HIGH VARIANT

WIRING DIAGRAM IA1



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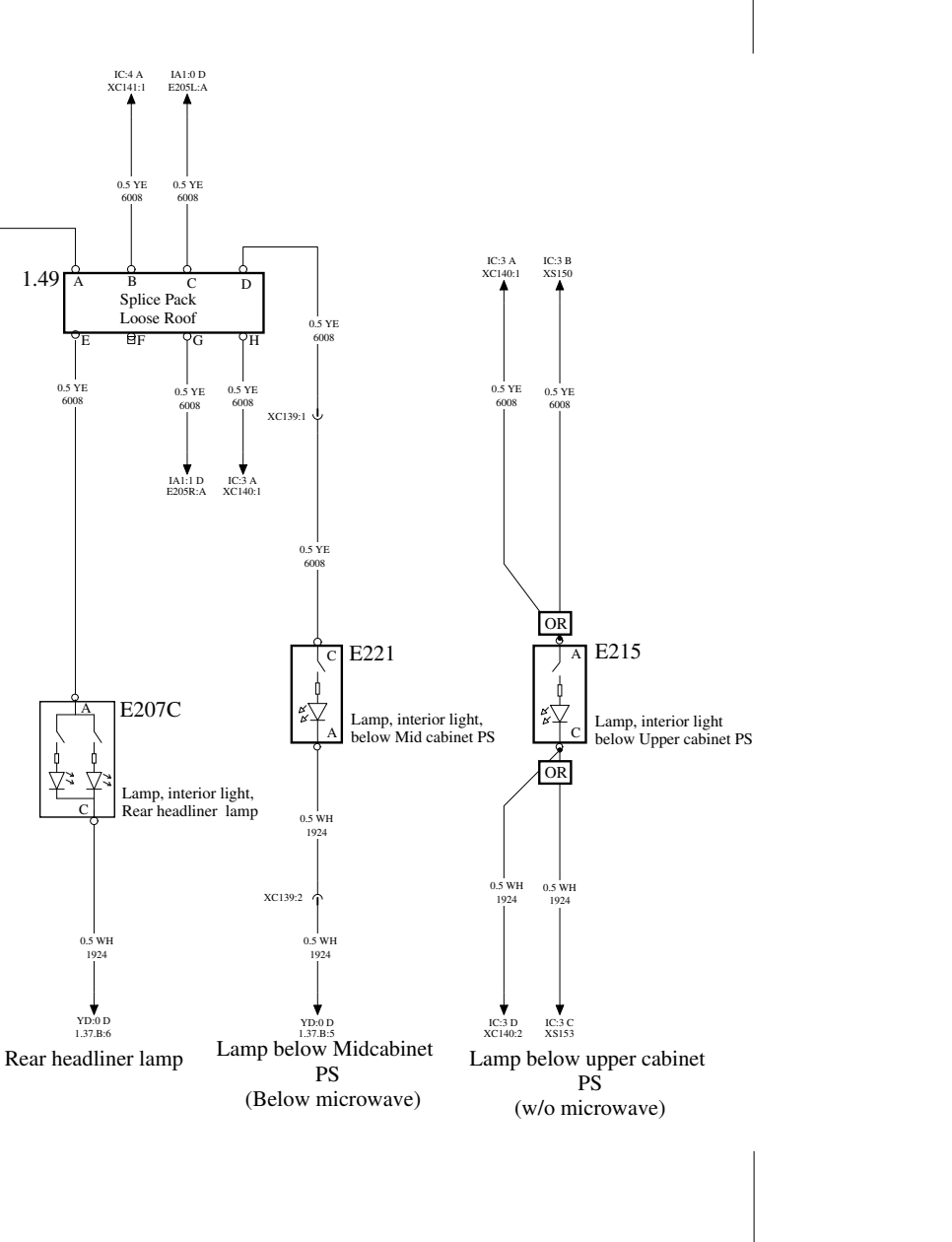
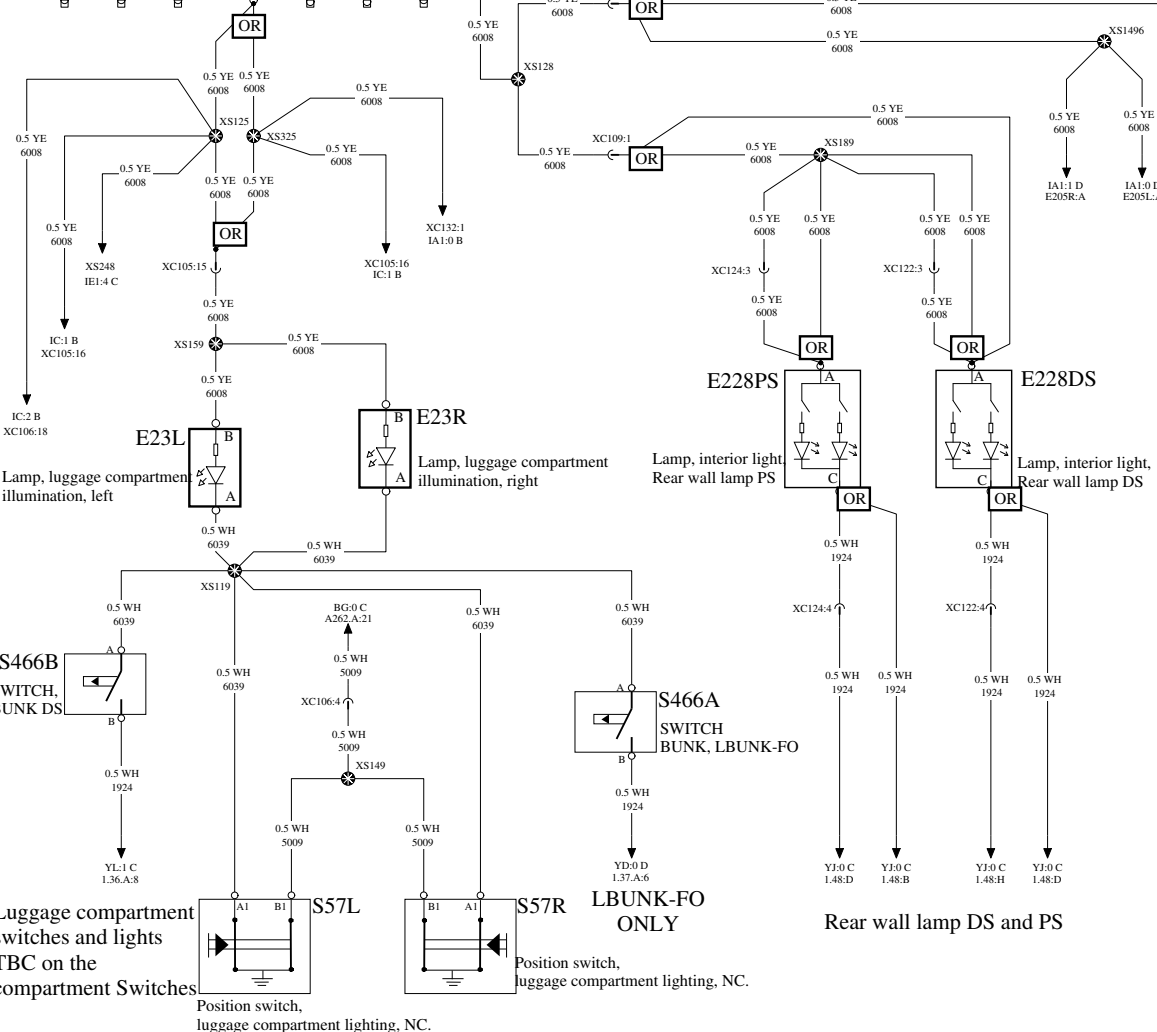
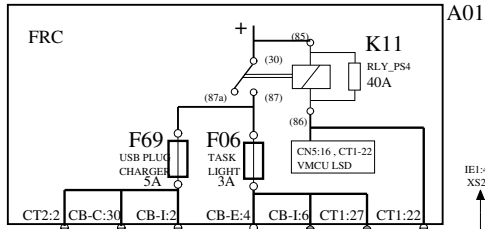
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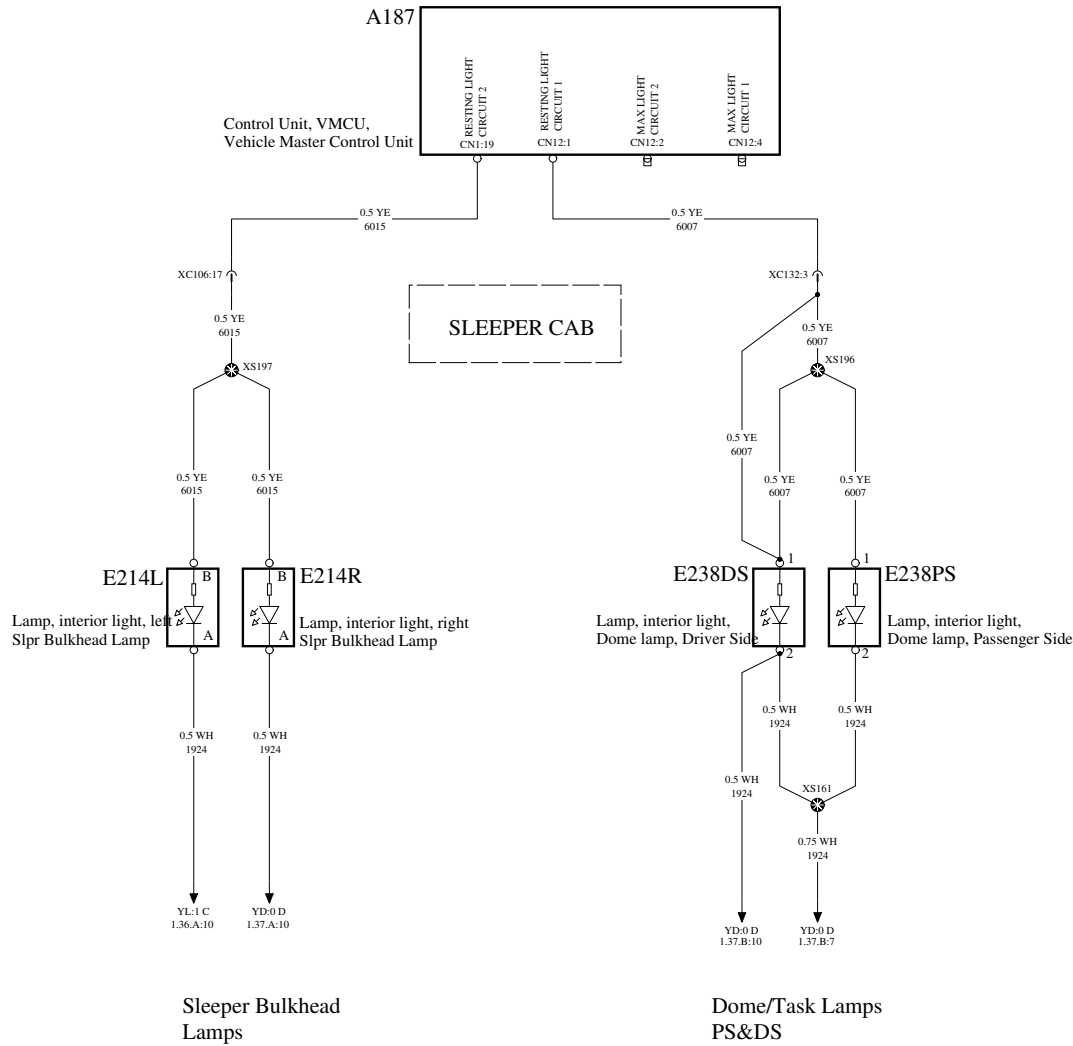
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INTERIOR LIGHTS

BASE AND HIGH VARIANT

WIRING DIAGRAM IA2

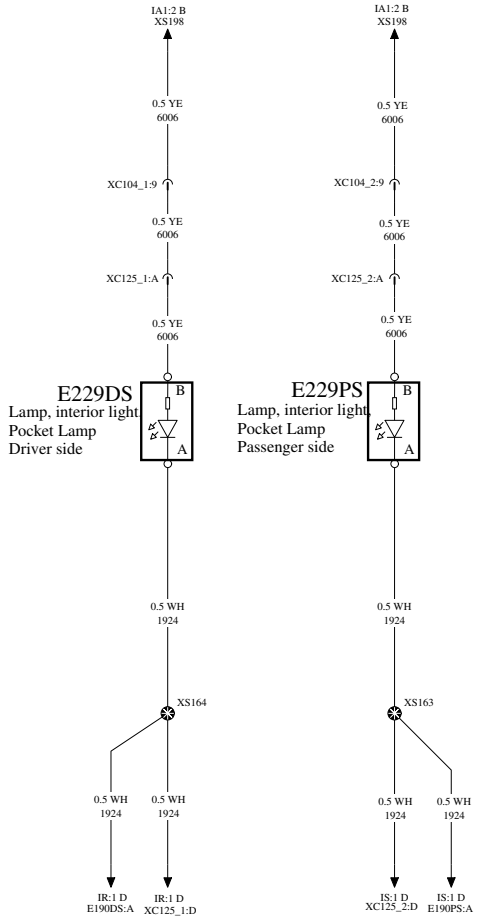




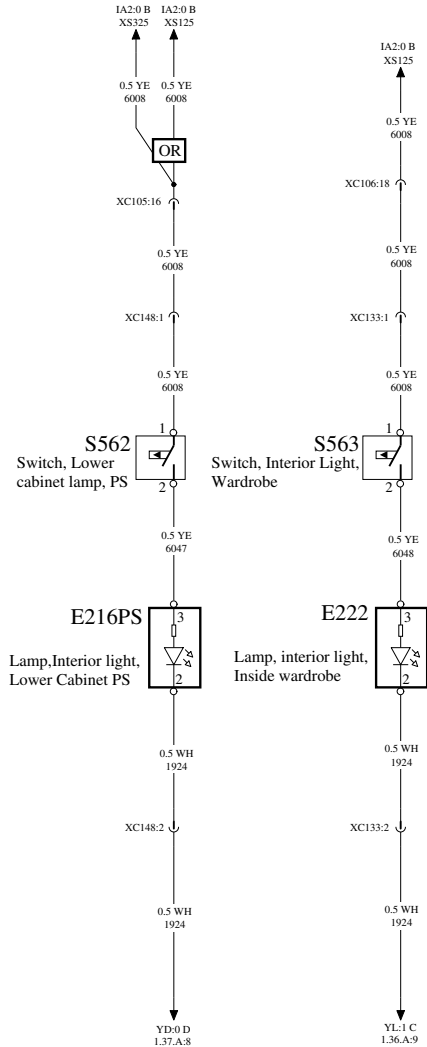
INTERIOR LIGHTS

BASE, MID AND HIGH VARIANT

WIRING DIAGRAM IC

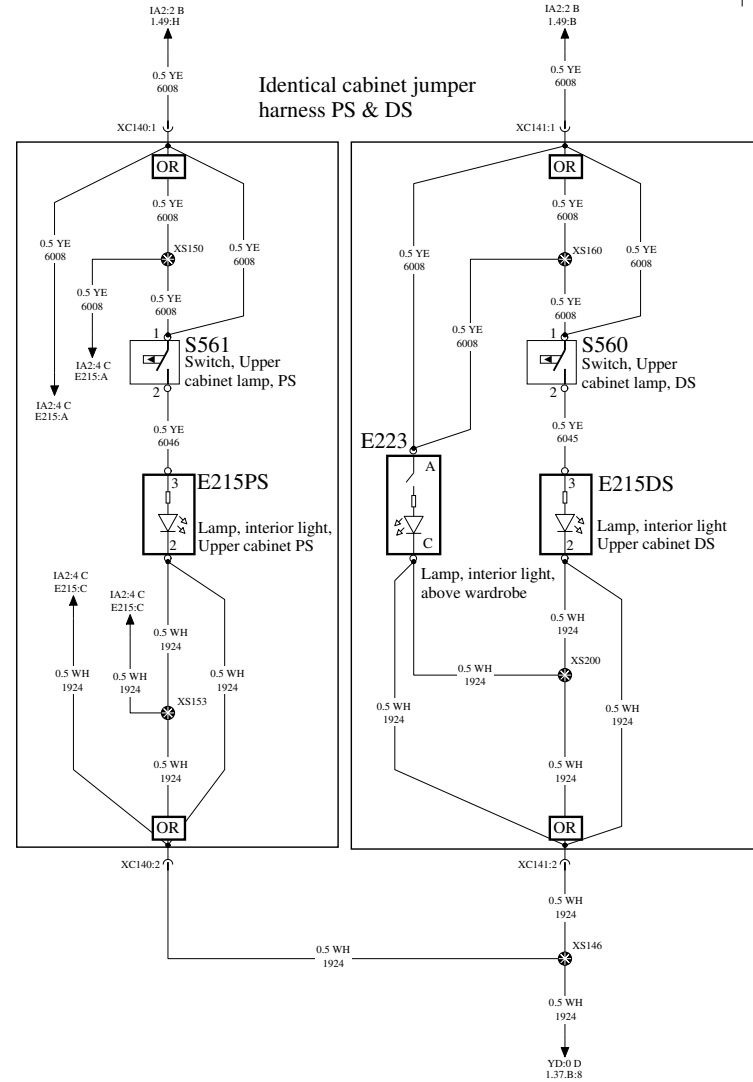


Map Pocket Lamps



Lower Cabinet PS lamp

Lower inside wardrobe DS



Upper cabinet lamp PS

Lamp below upper cabinet PS

Upper cabinet lamp DS



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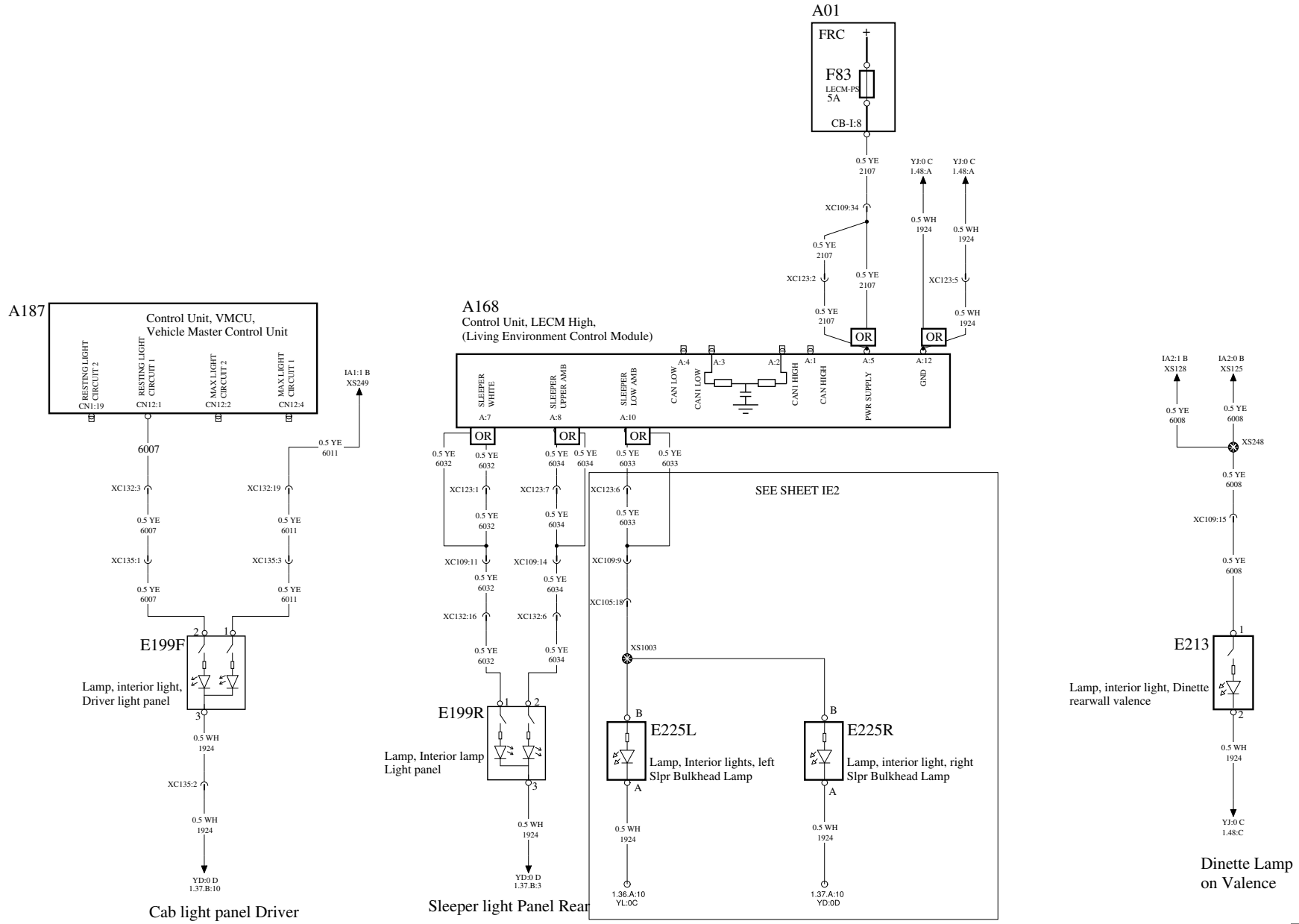
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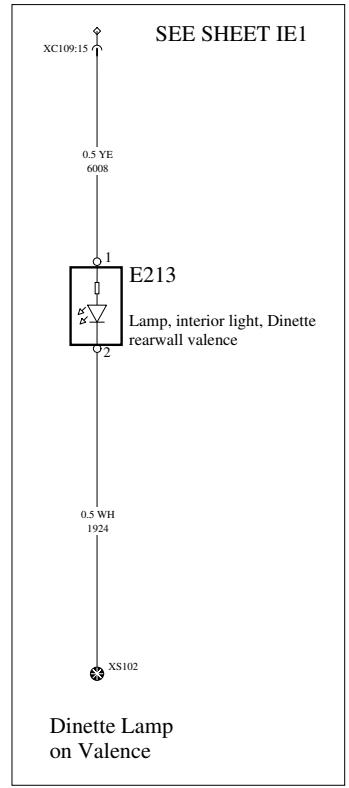
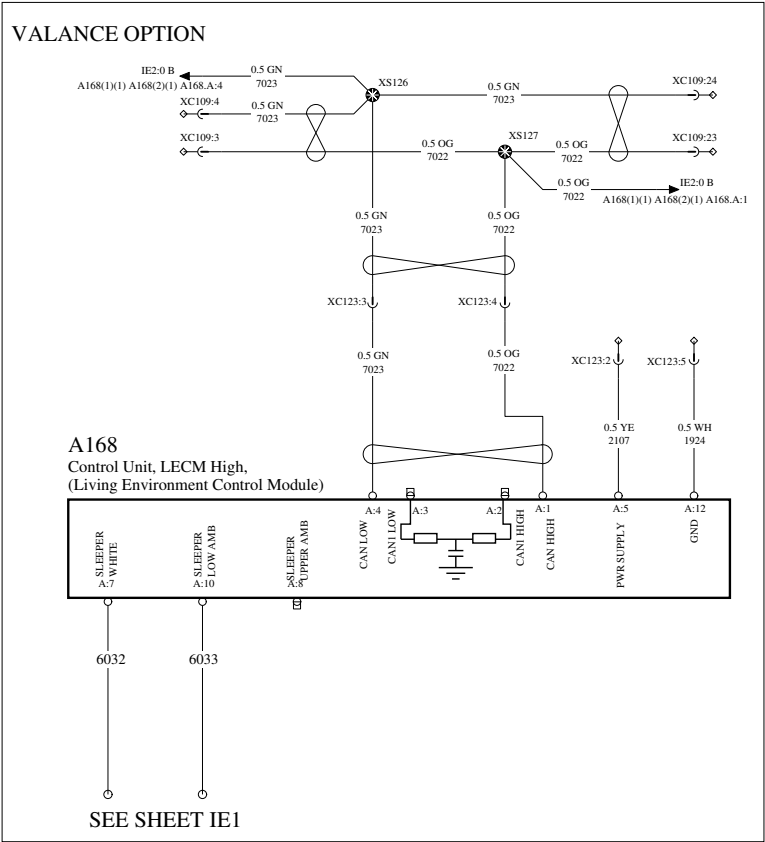
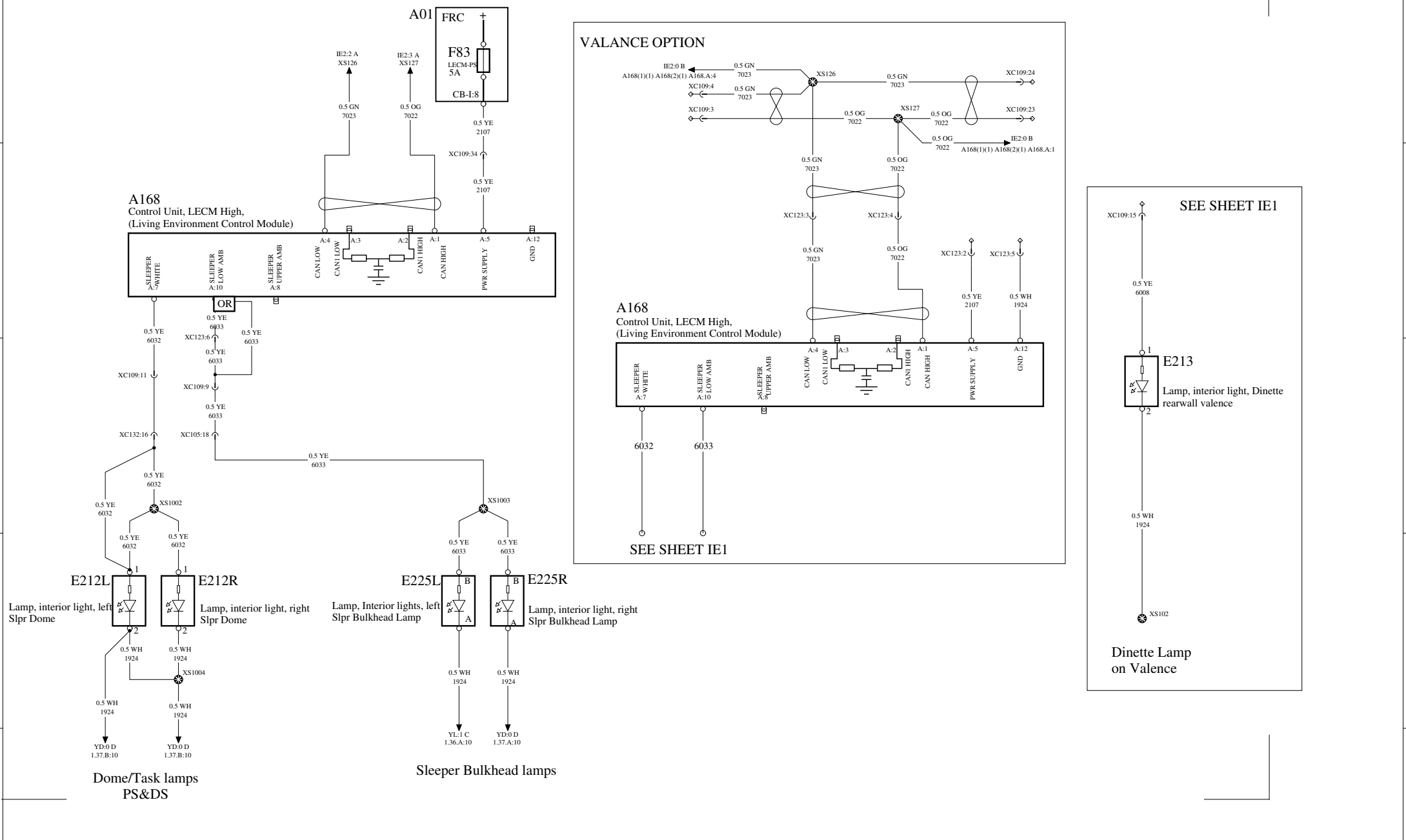
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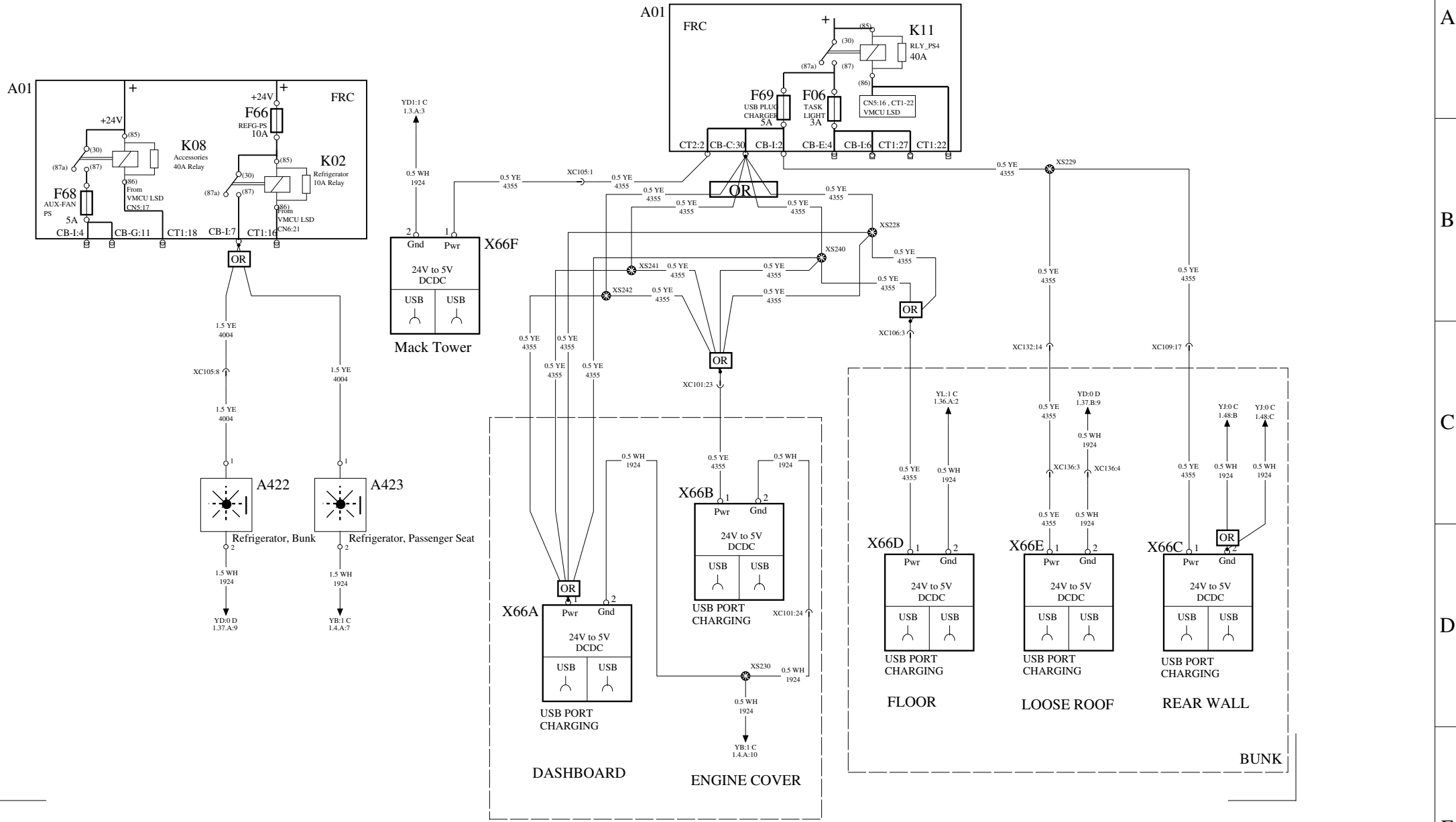
INTERIOR LIGHTS MID

MID VARIANT

WIRING DIAGRAM IE2



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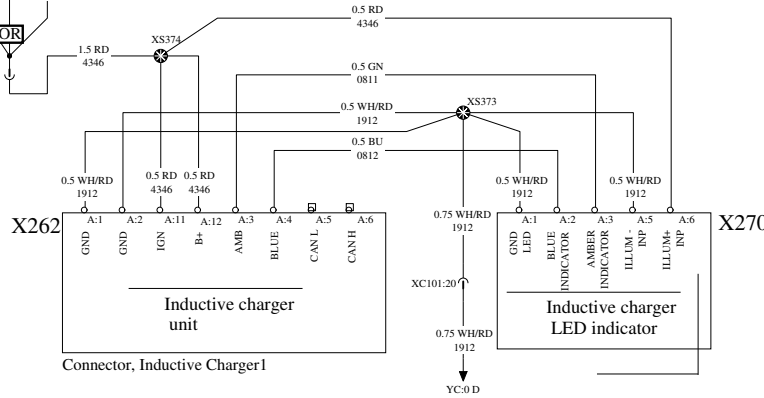
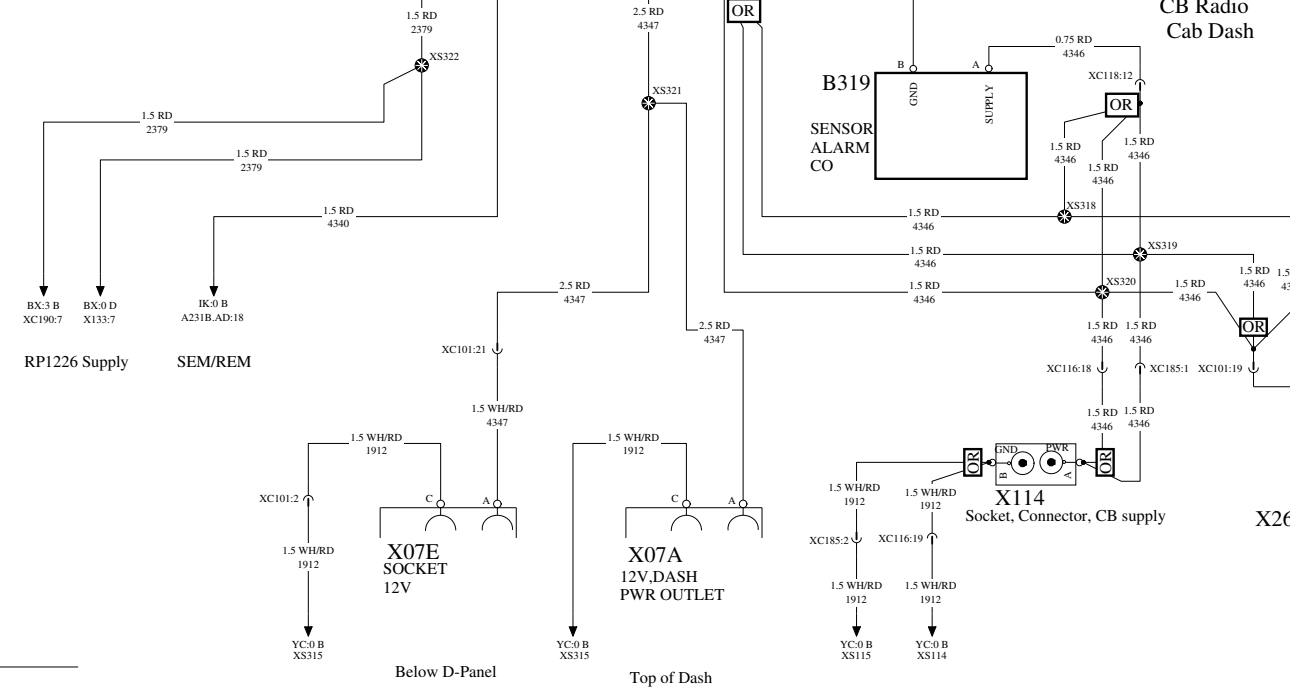
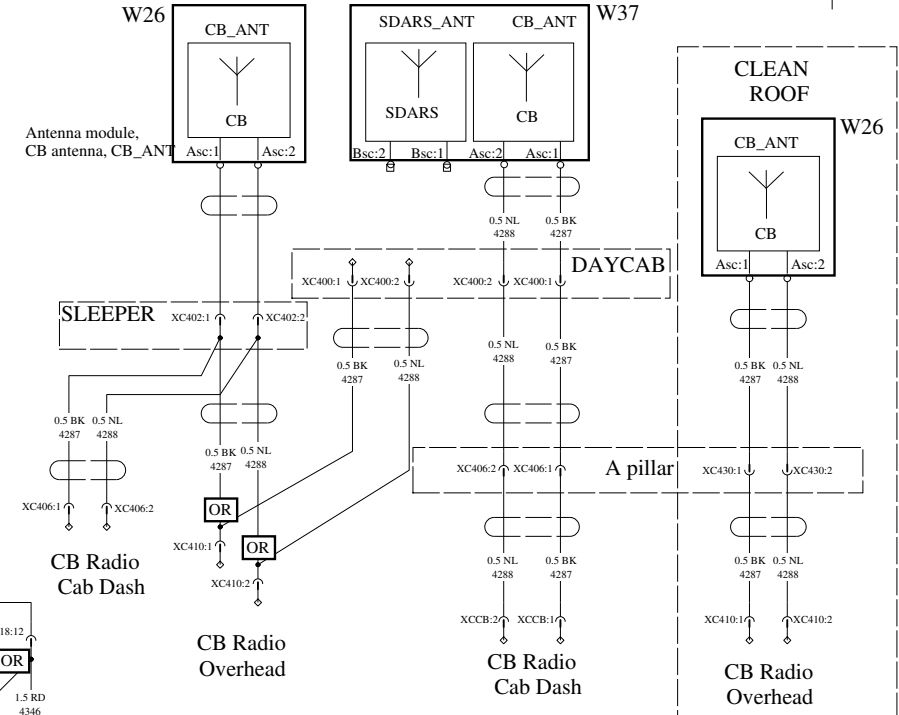
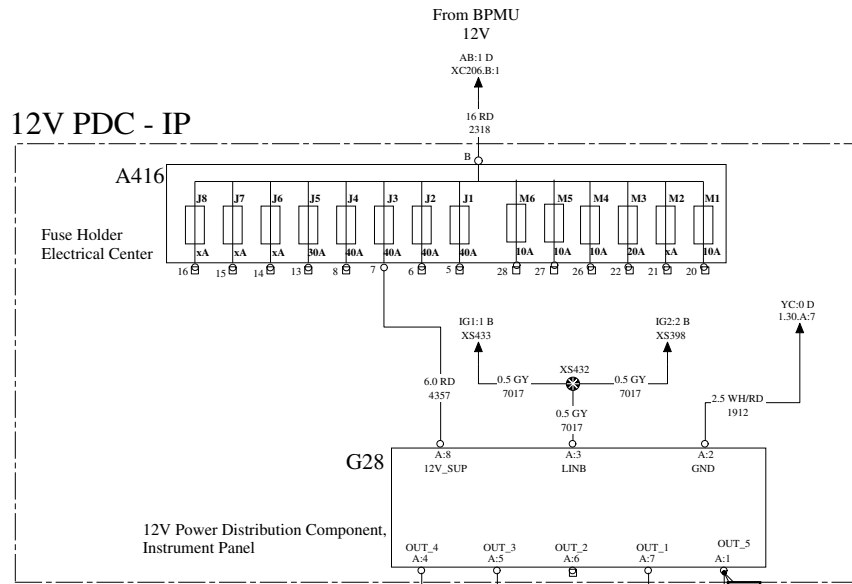


COMFORT ACCESSORIES PDC

12V PDC - IP

WIRING DIAGRAM IG

12V PDC - IP

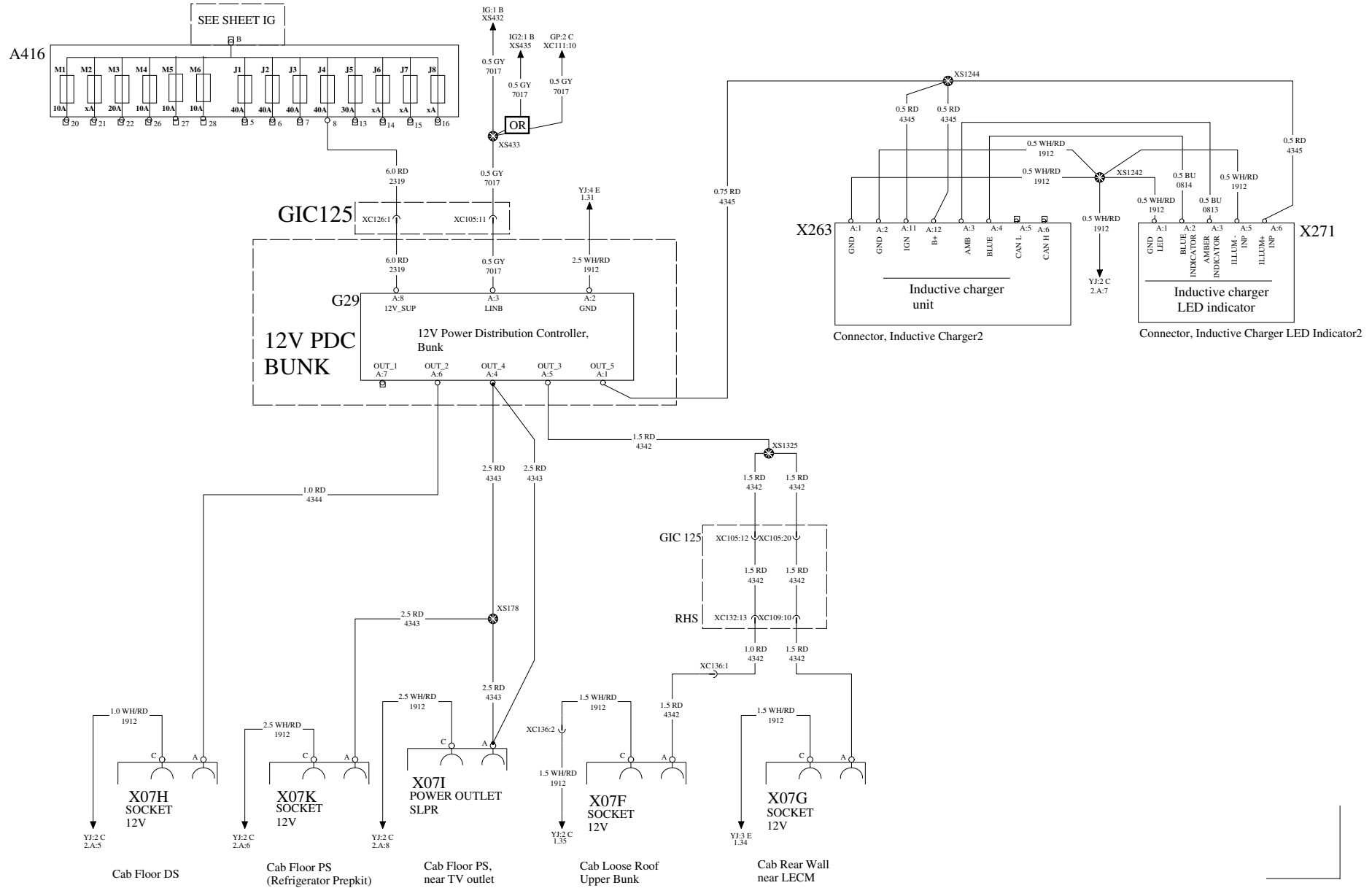


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COMFORT ACCESSORIES PDC

12V PDC, BUNK

WIRING DIAGRAM IG1



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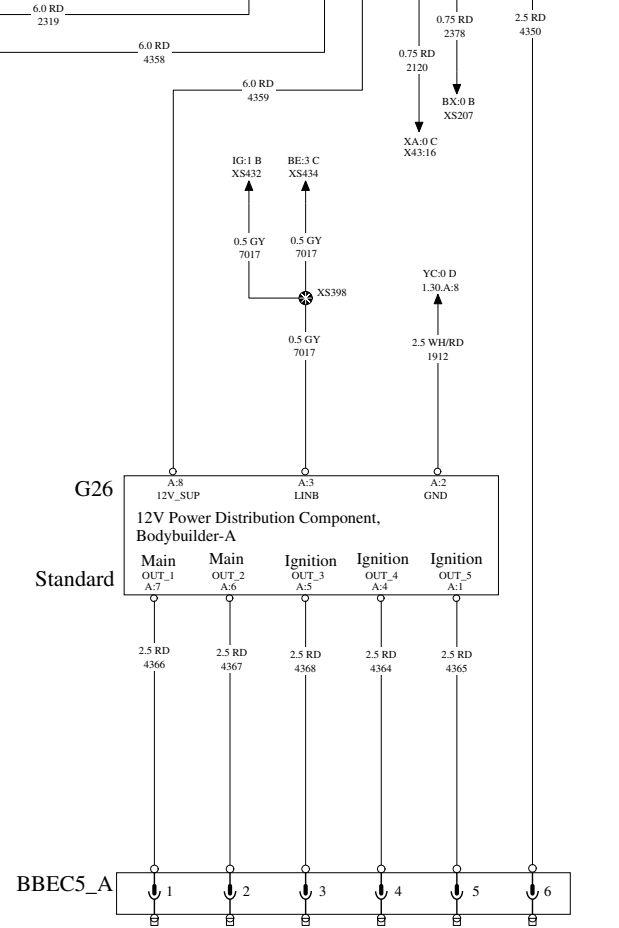
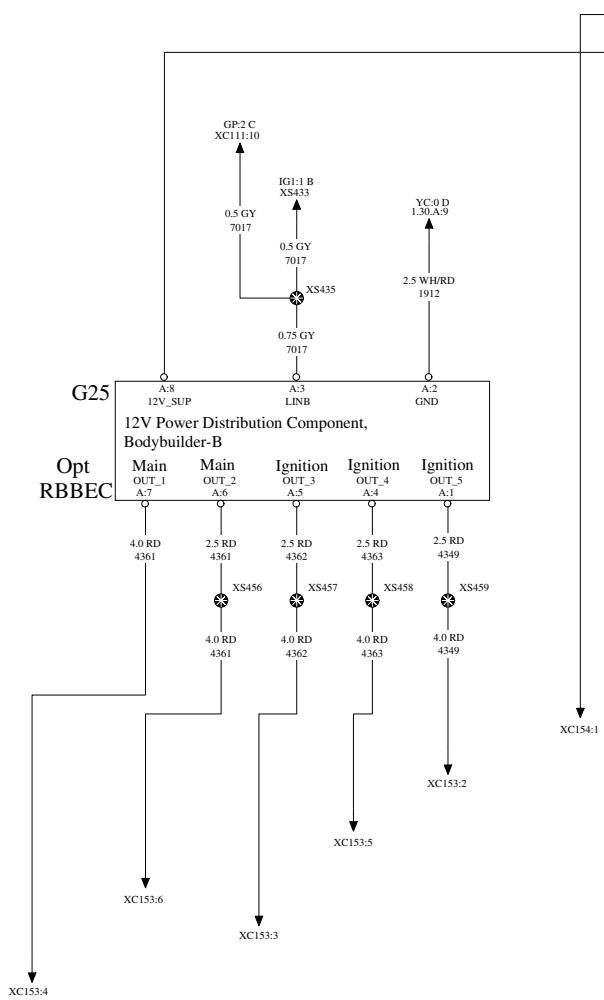
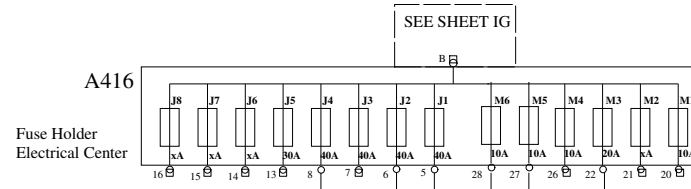
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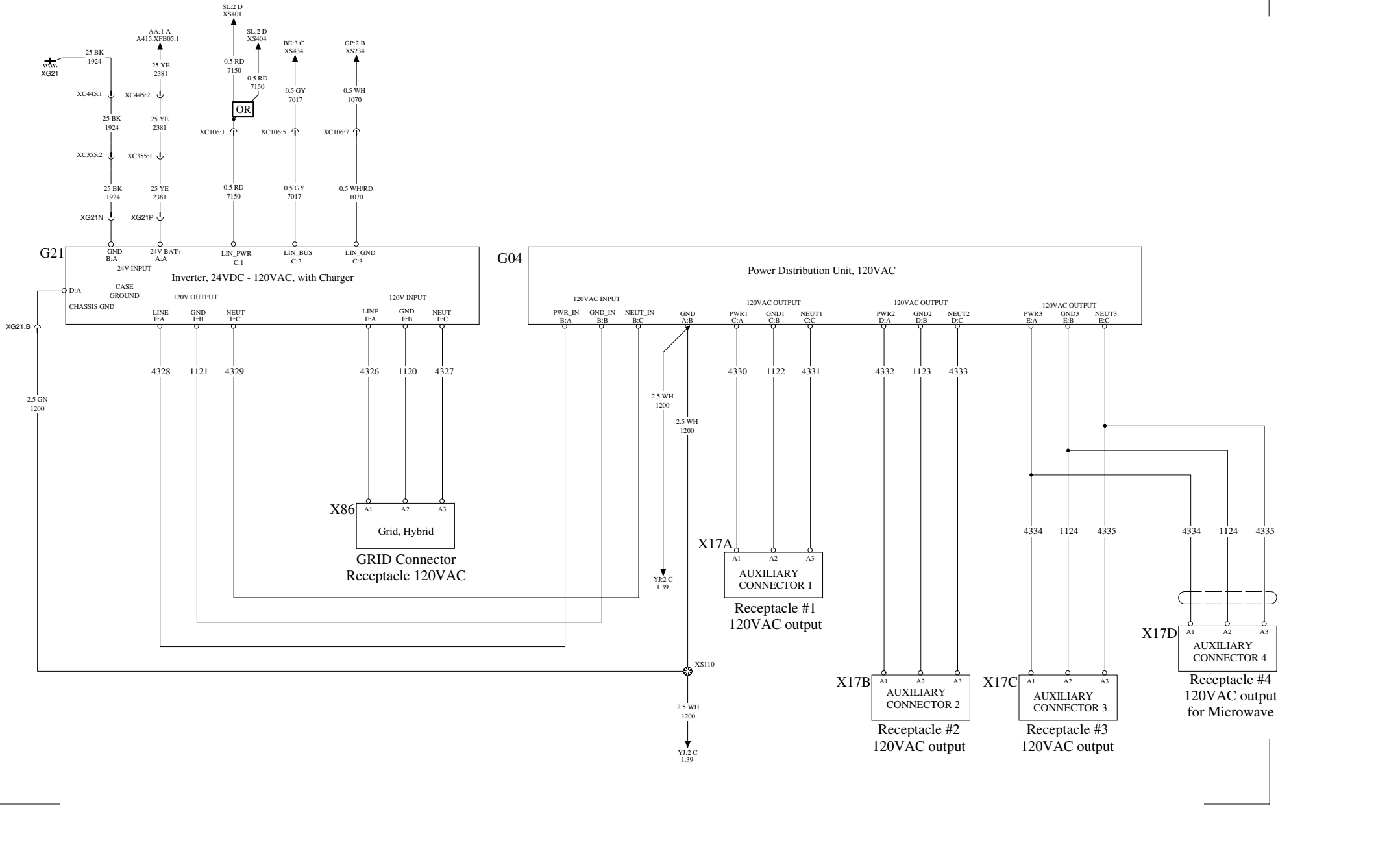
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COMFORT ACCESSORIES 120VAC

SHORE POWER & INVERTER

WIRING DIAGRAM IH



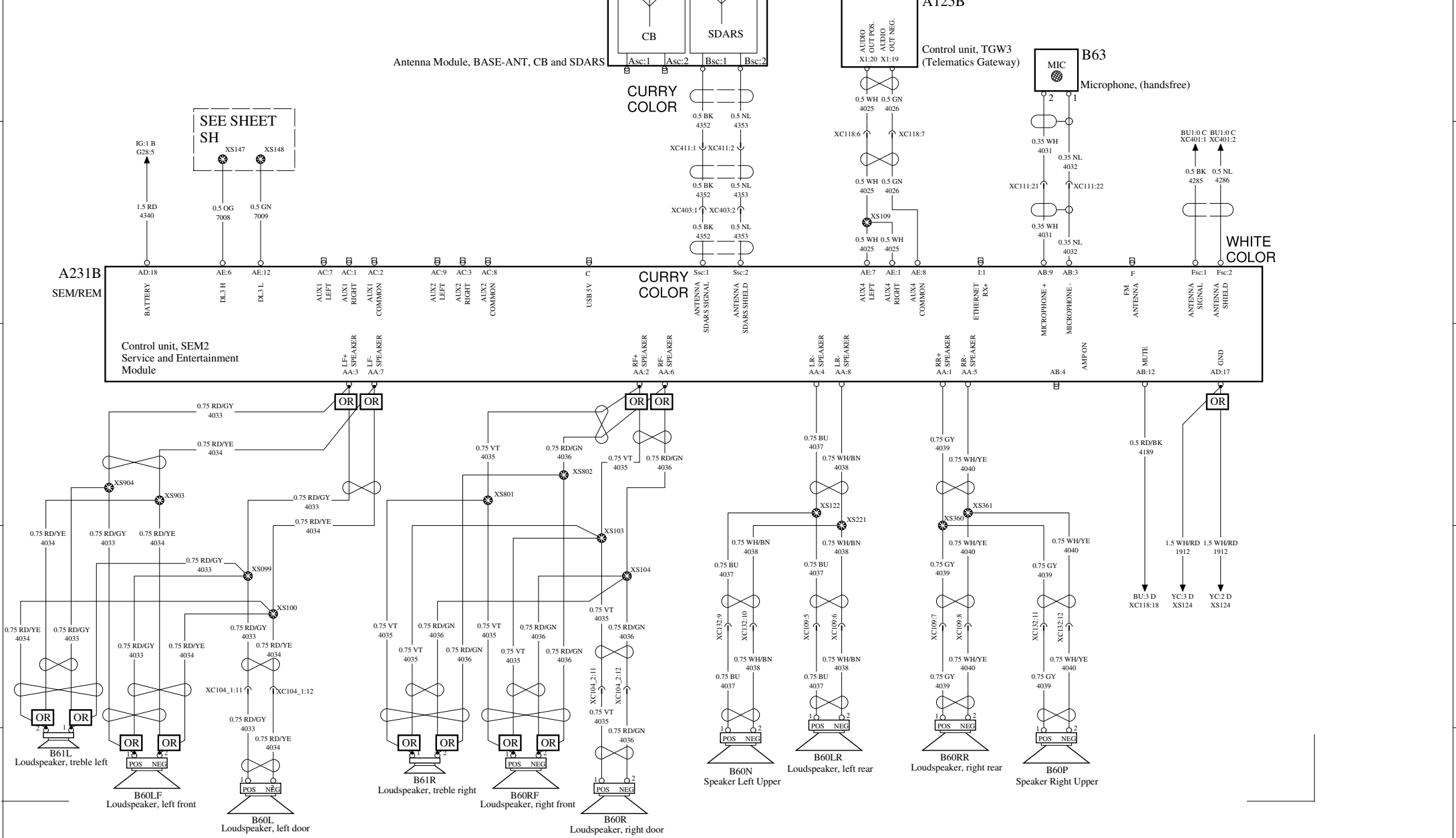
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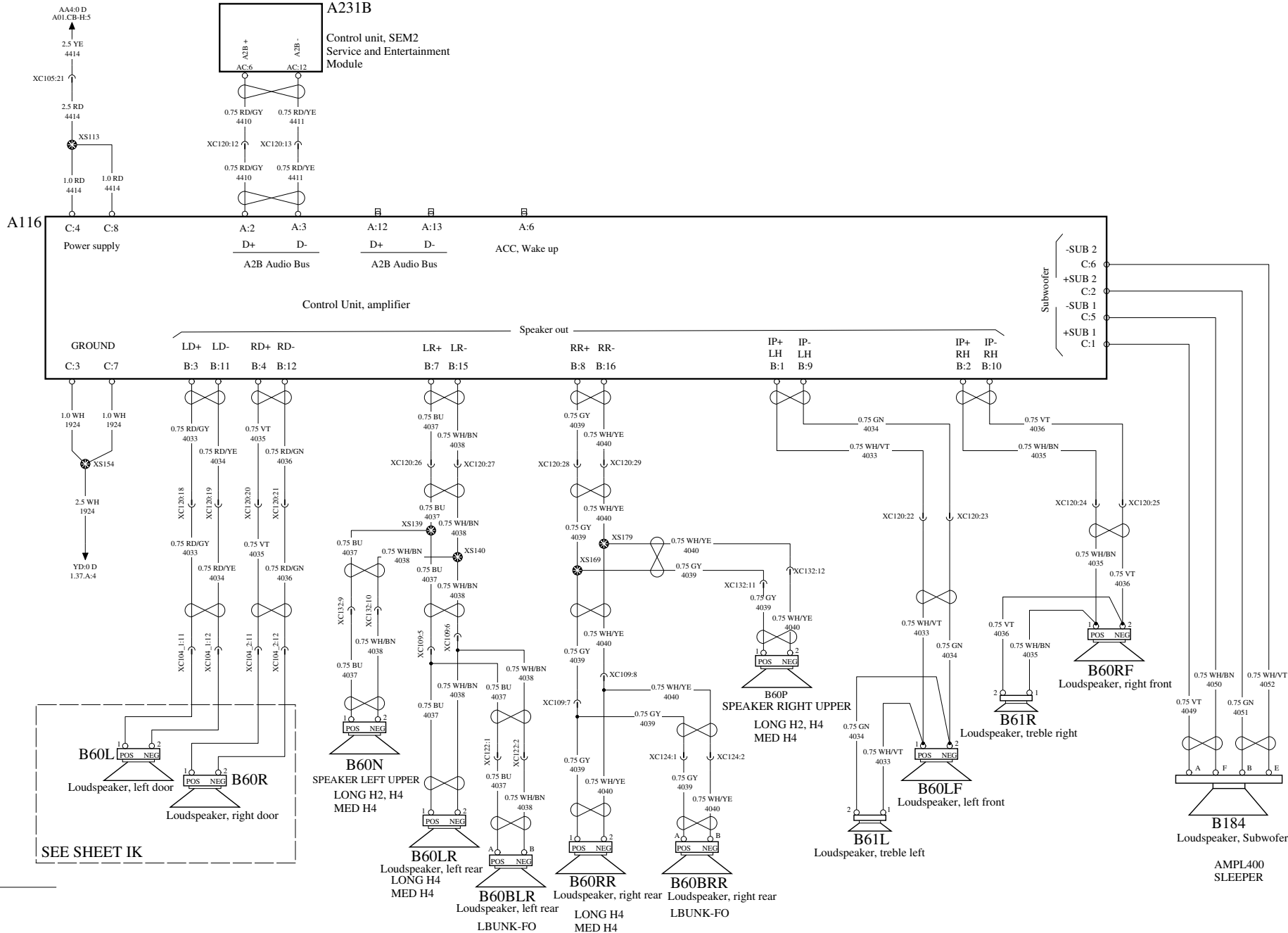
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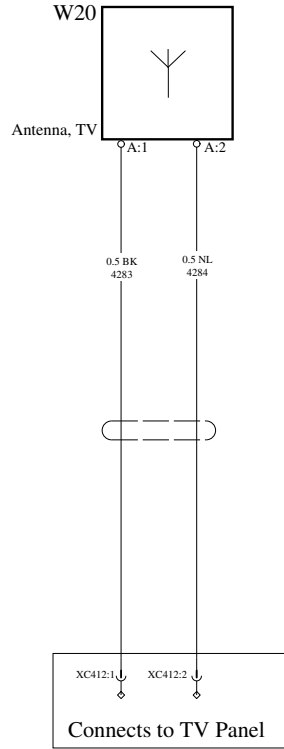
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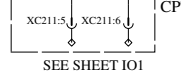
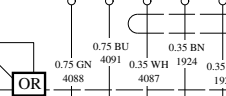
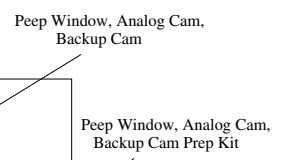
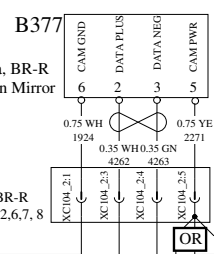
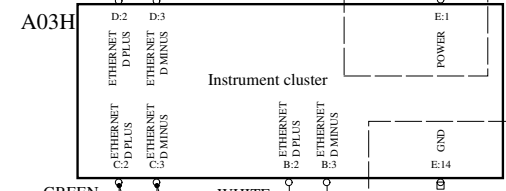
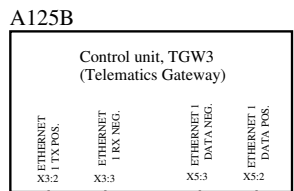
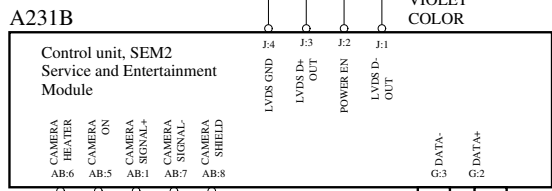
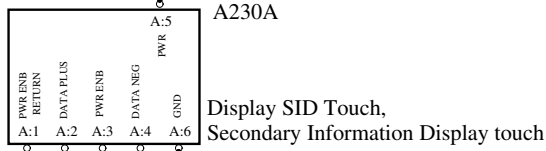
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B

C

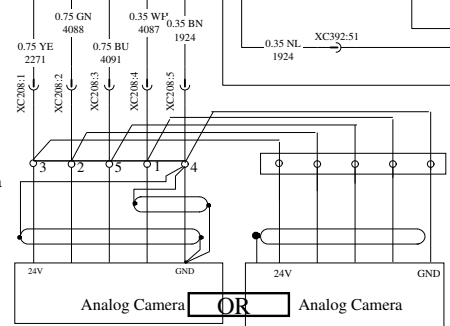
D

E



SUPPLIER PARTS INTERFACE

Trailer Camera connector



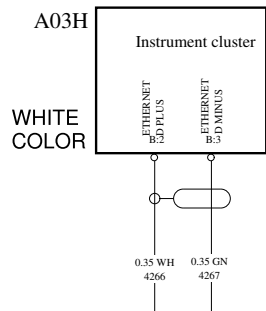
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0 INFOTAINMENT CAMERAS

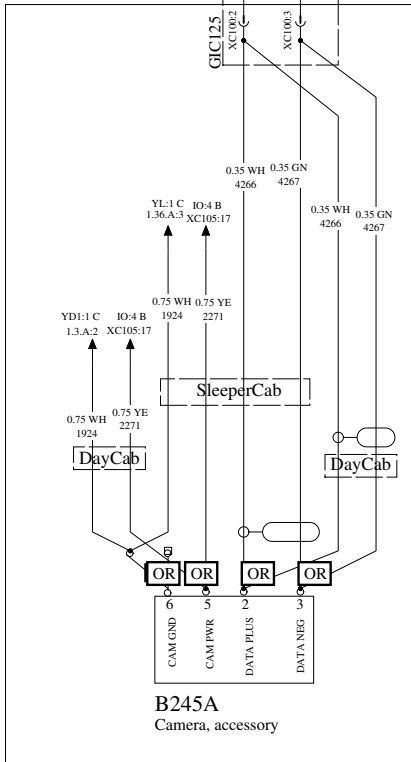
1 VISION CAMERA ETHERNET SWITCH

3 WIRING DIAGRAM IO1

A



B BACKUP CAMERA W/O ETHERNET SWITCH

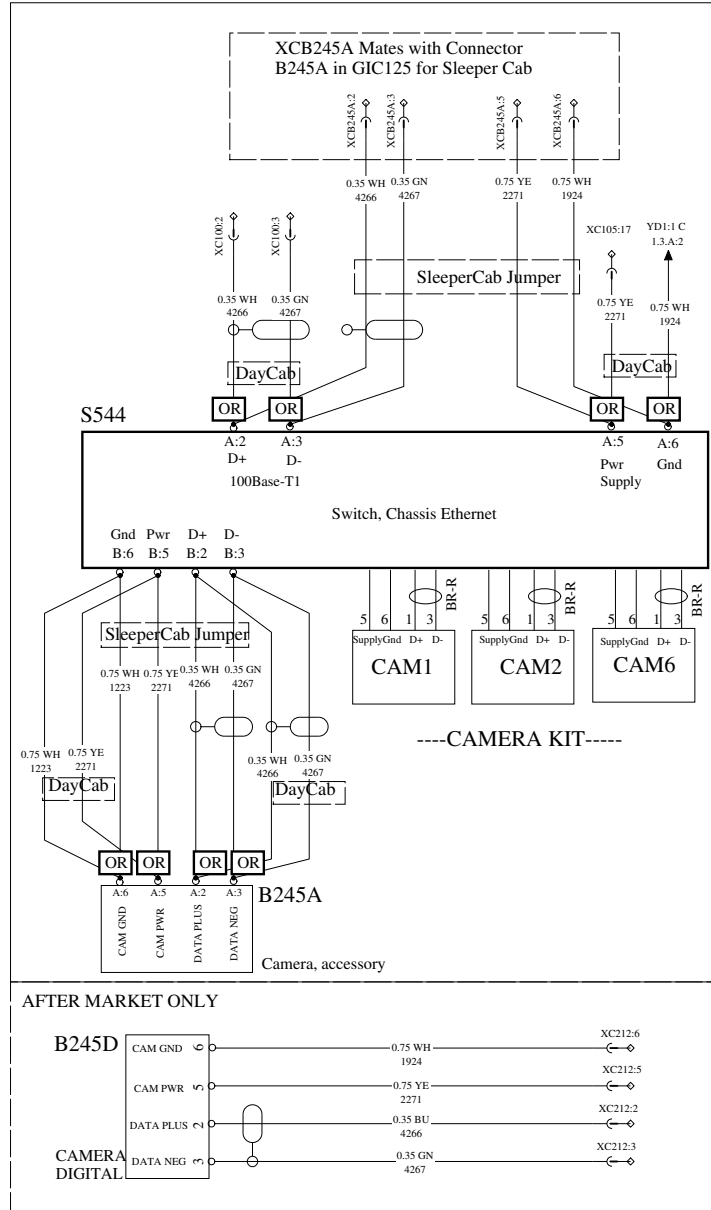


C

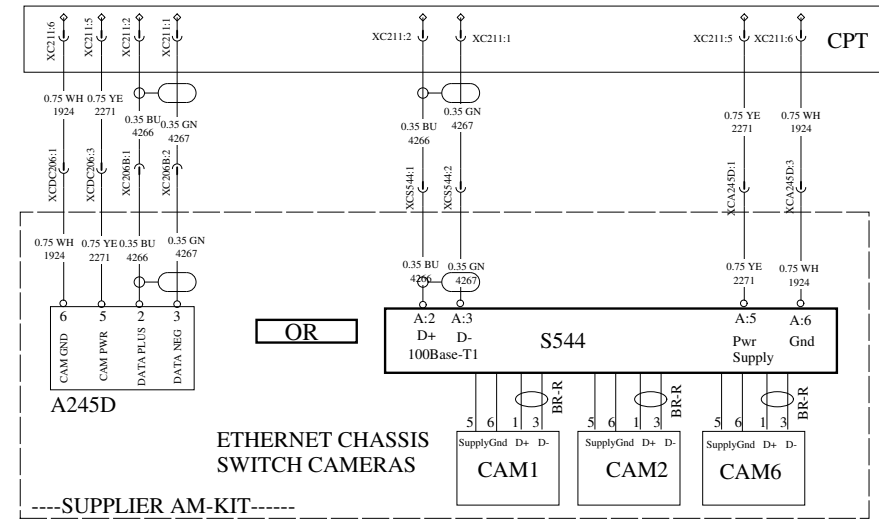
D

E

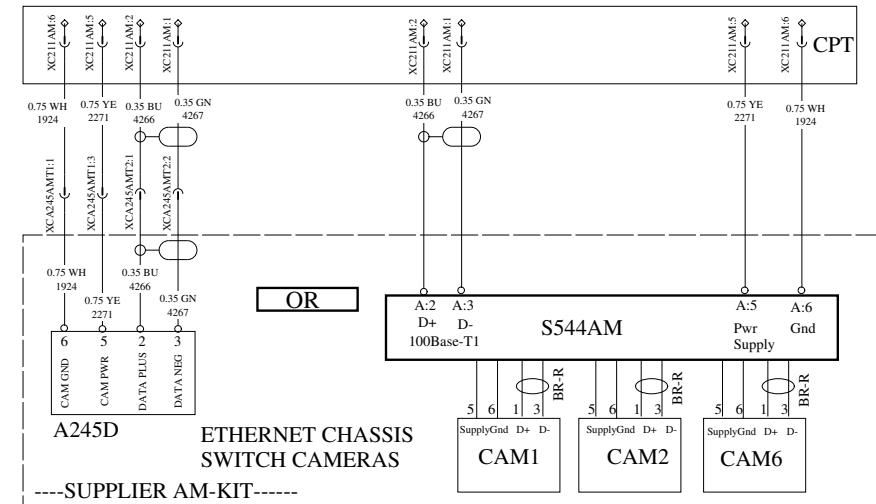
2 BACKUP CAMERA W/ ETHERNET SWITCH



4 SINGLE AUX CAMERA



SINGLE CHASSIS AUX CAMERA AM PREP OR BOC CAMERA PREP



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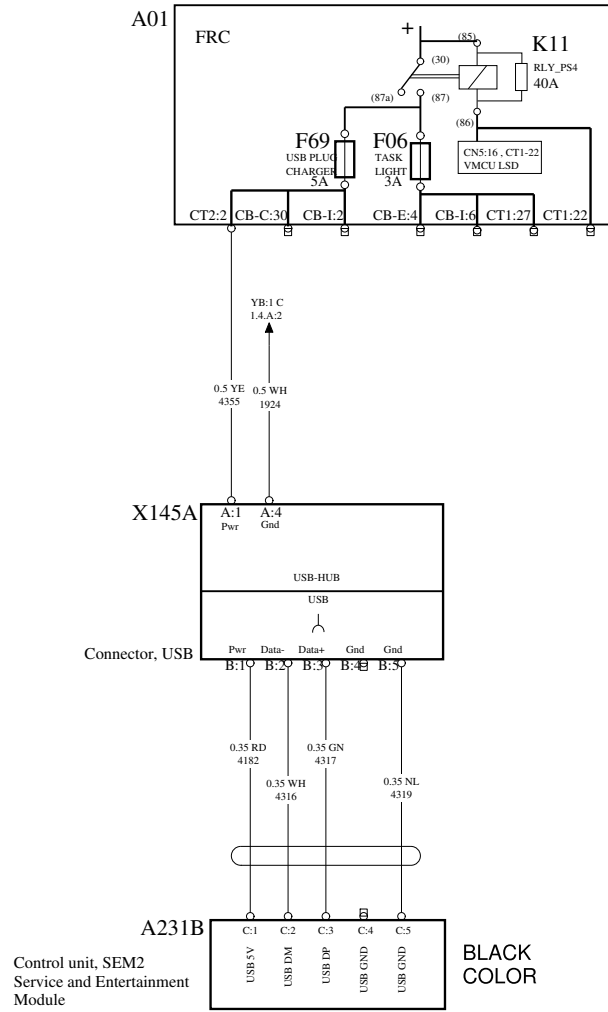
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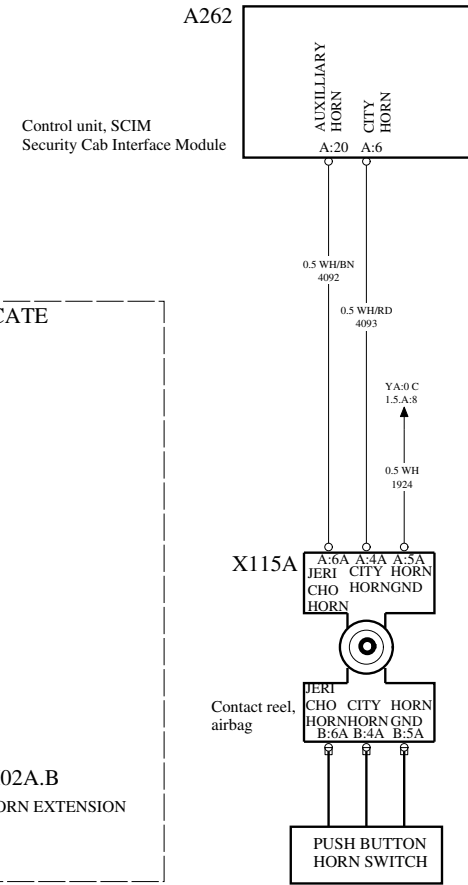
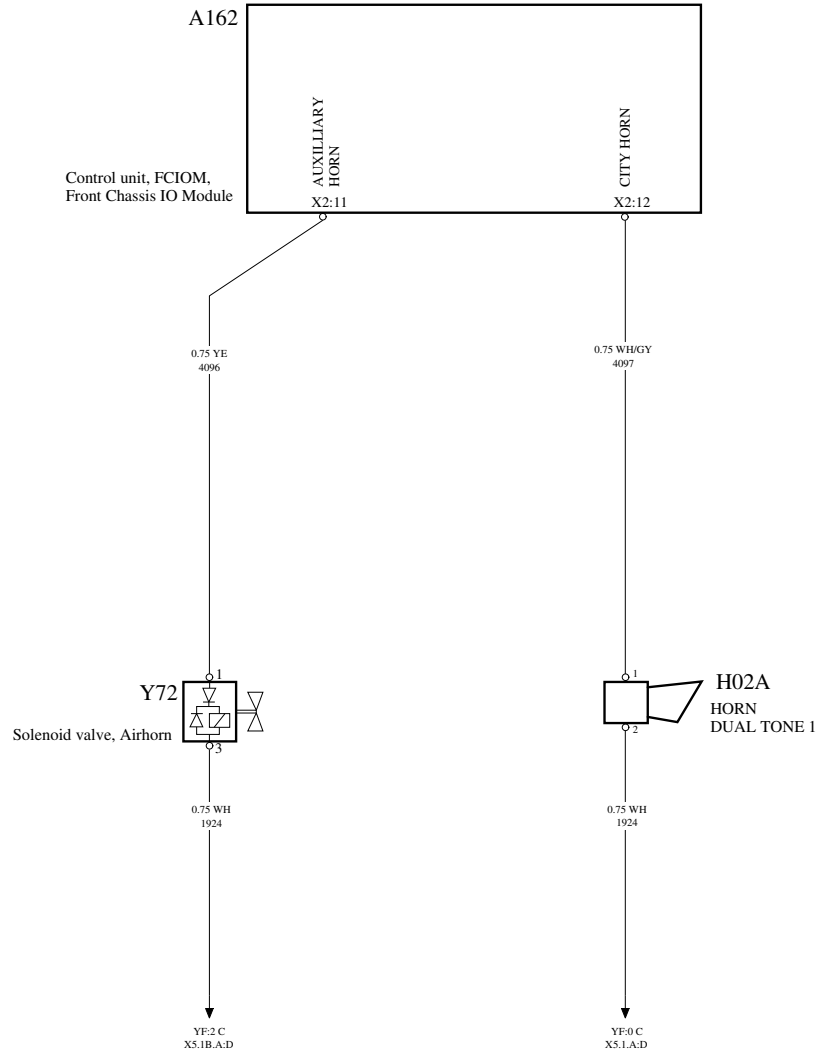
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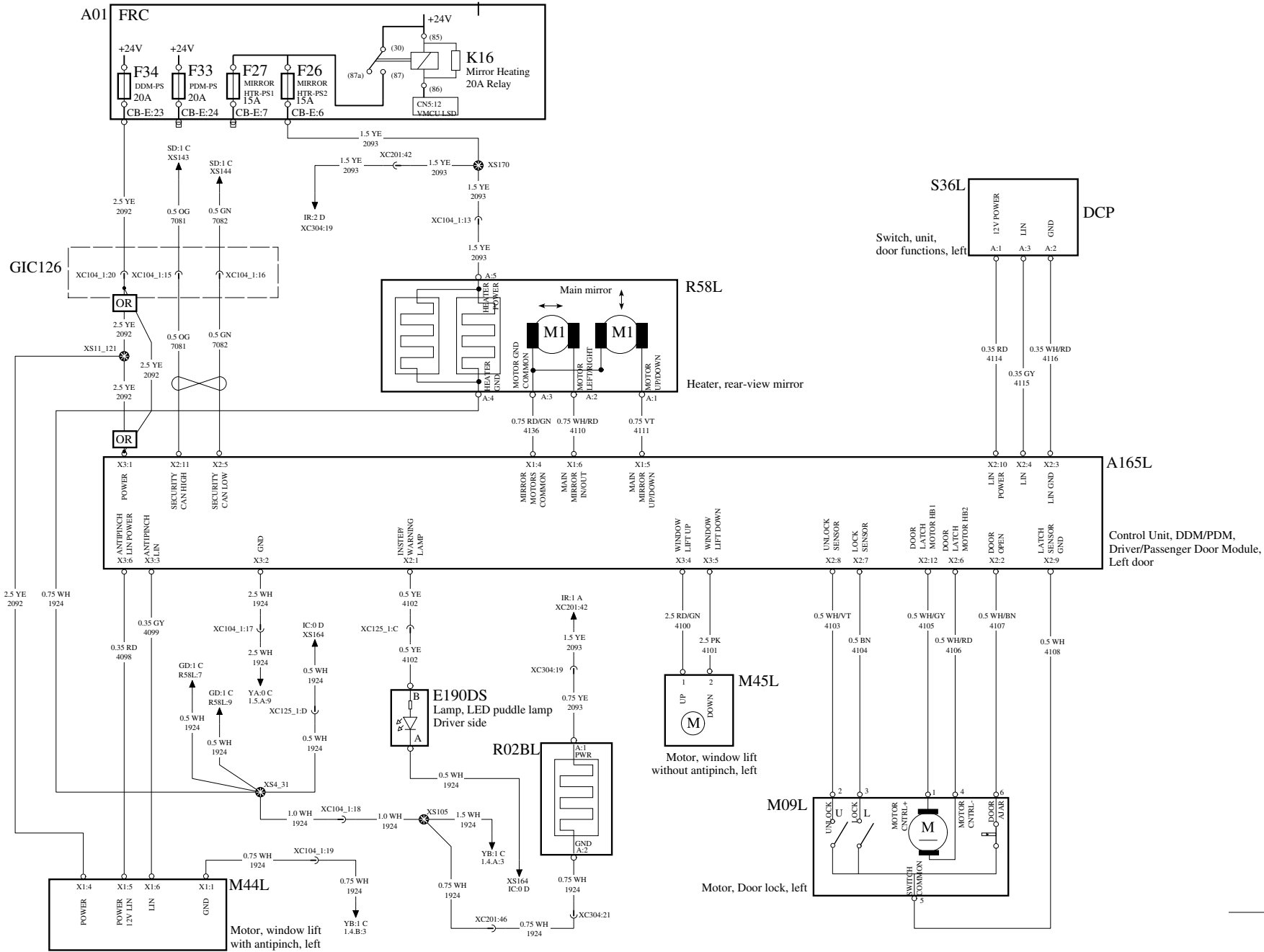
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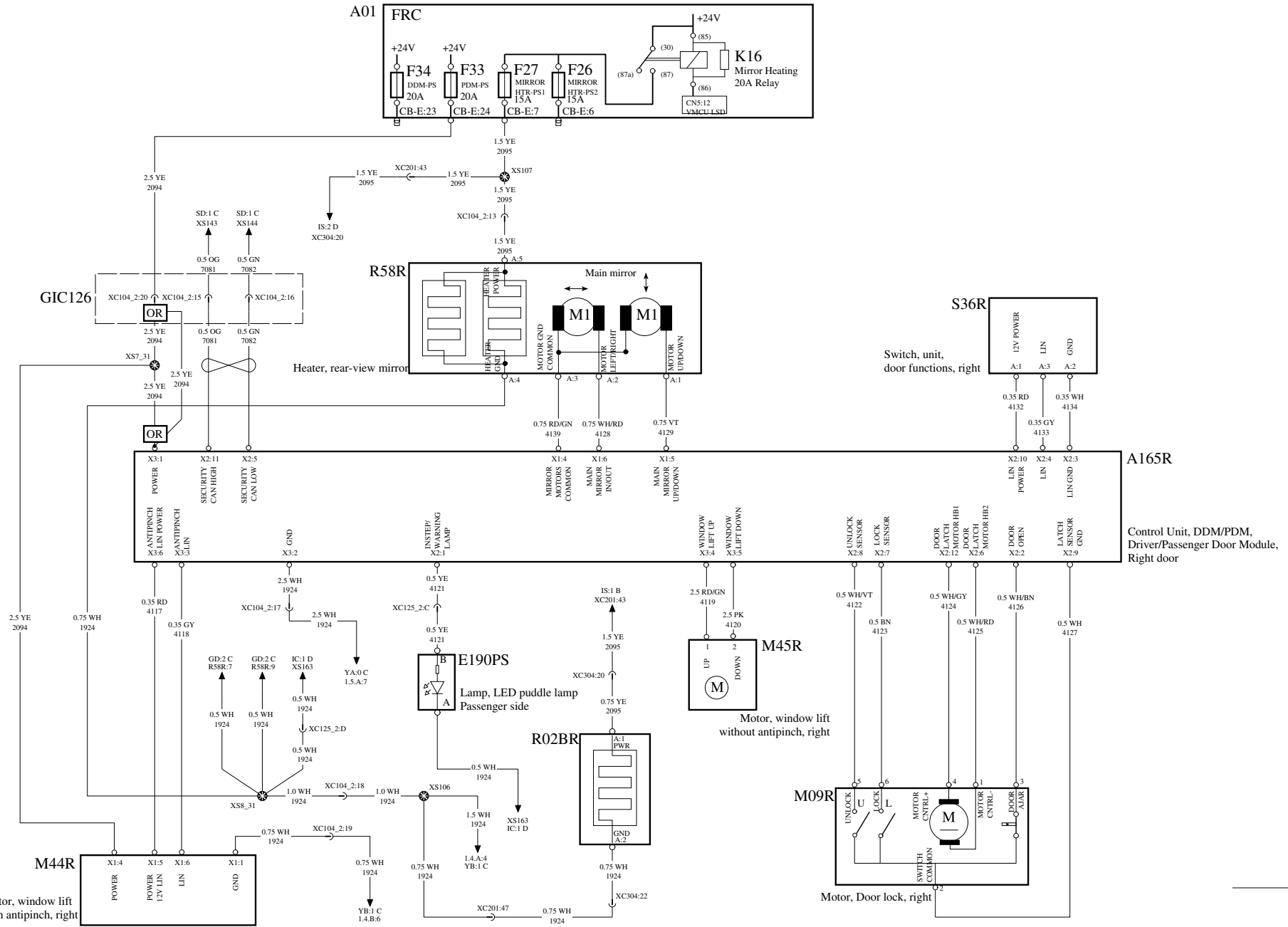
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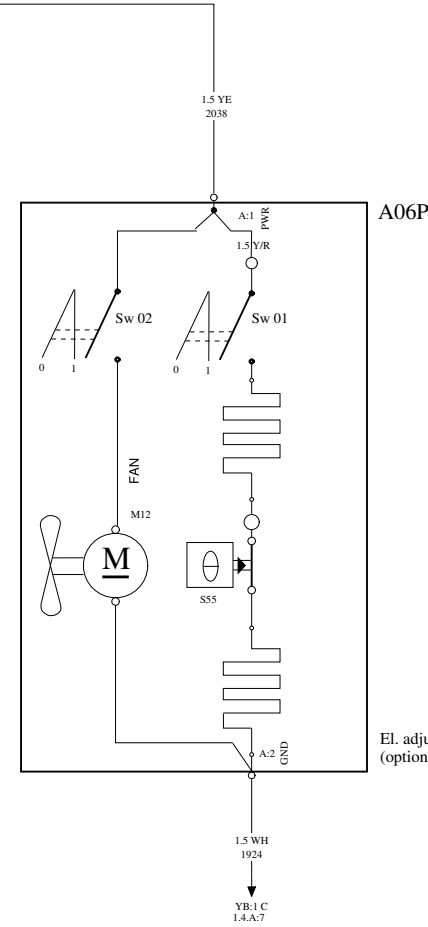
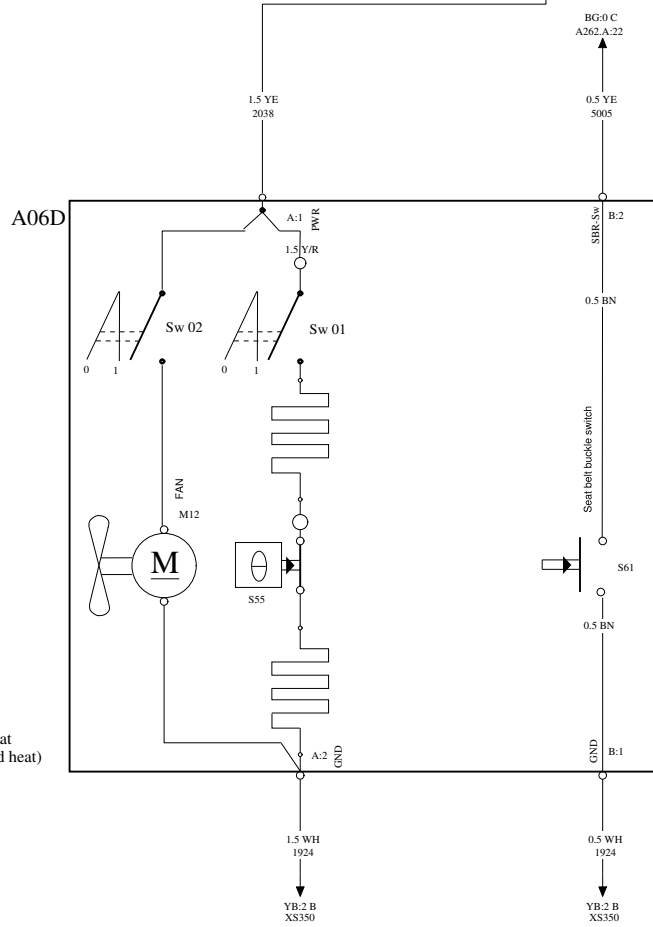
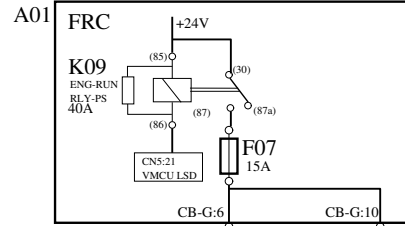
72 (125)







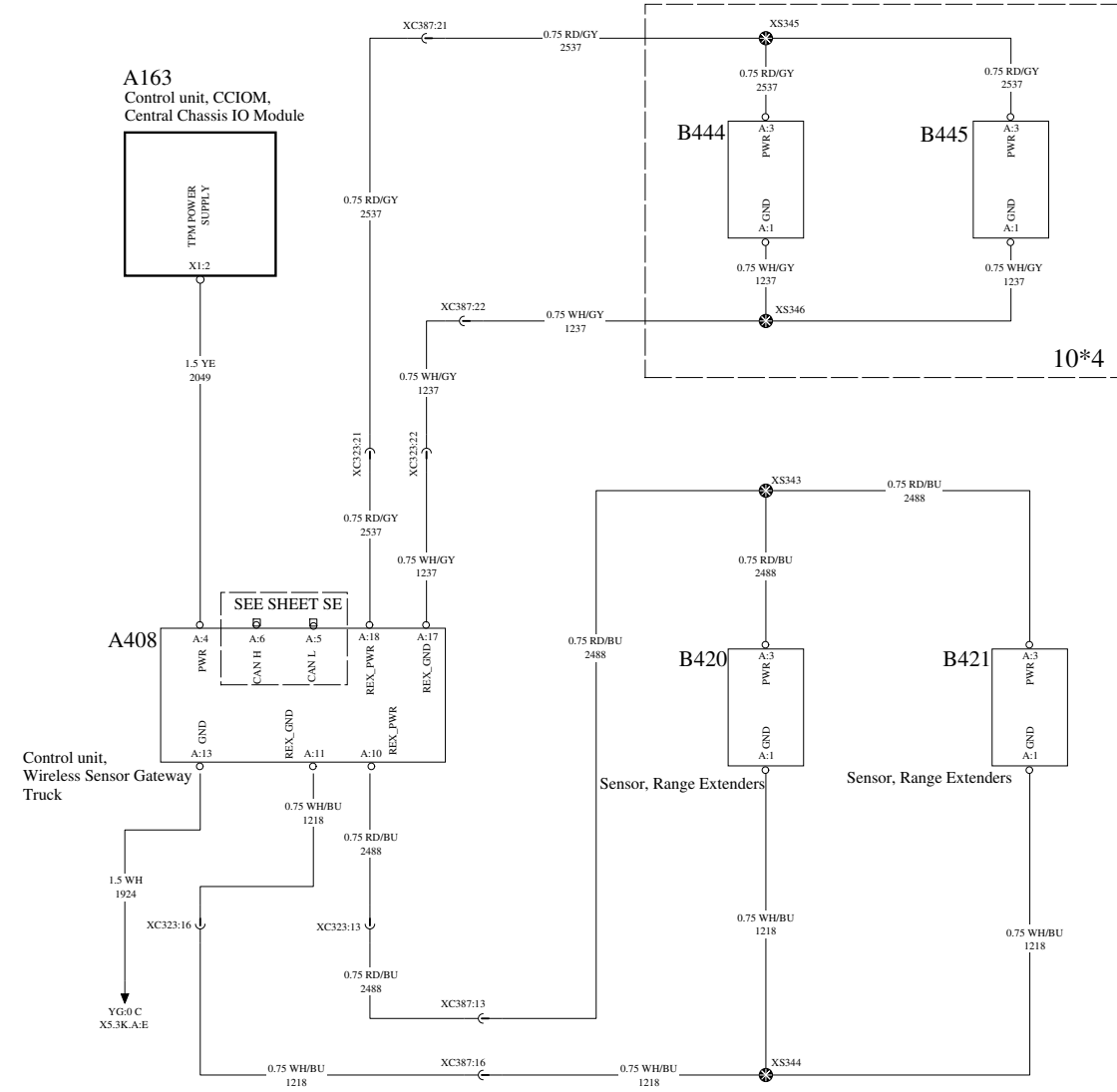




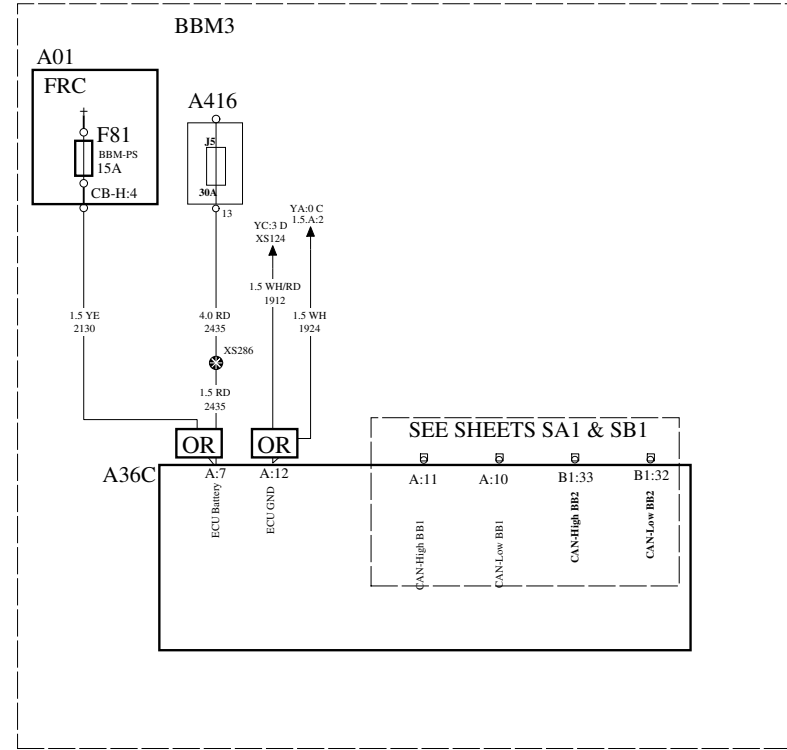
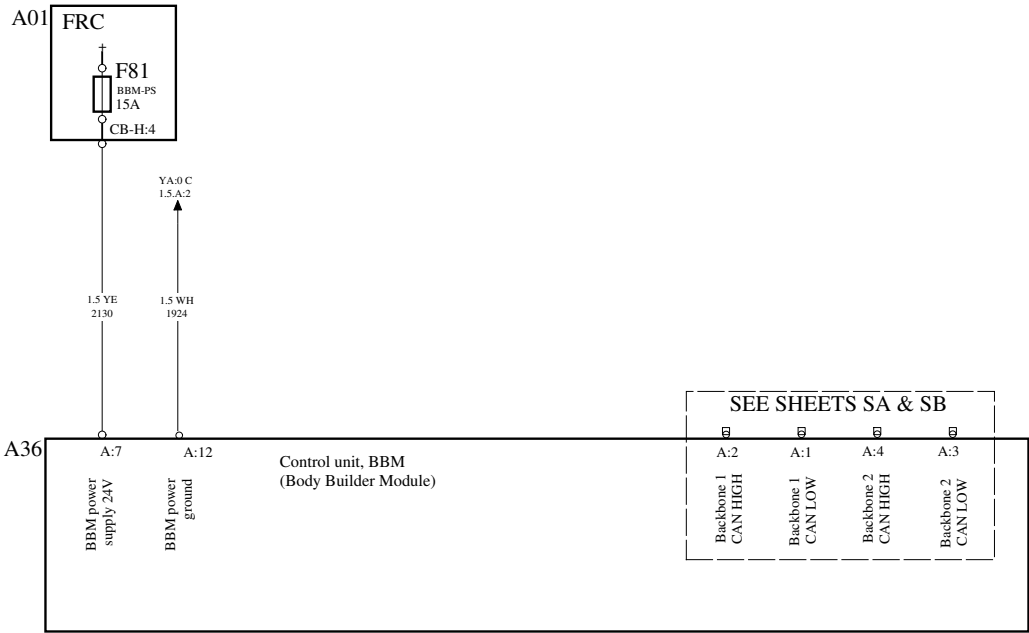
El. adjustable seat
(optional fan and heat)

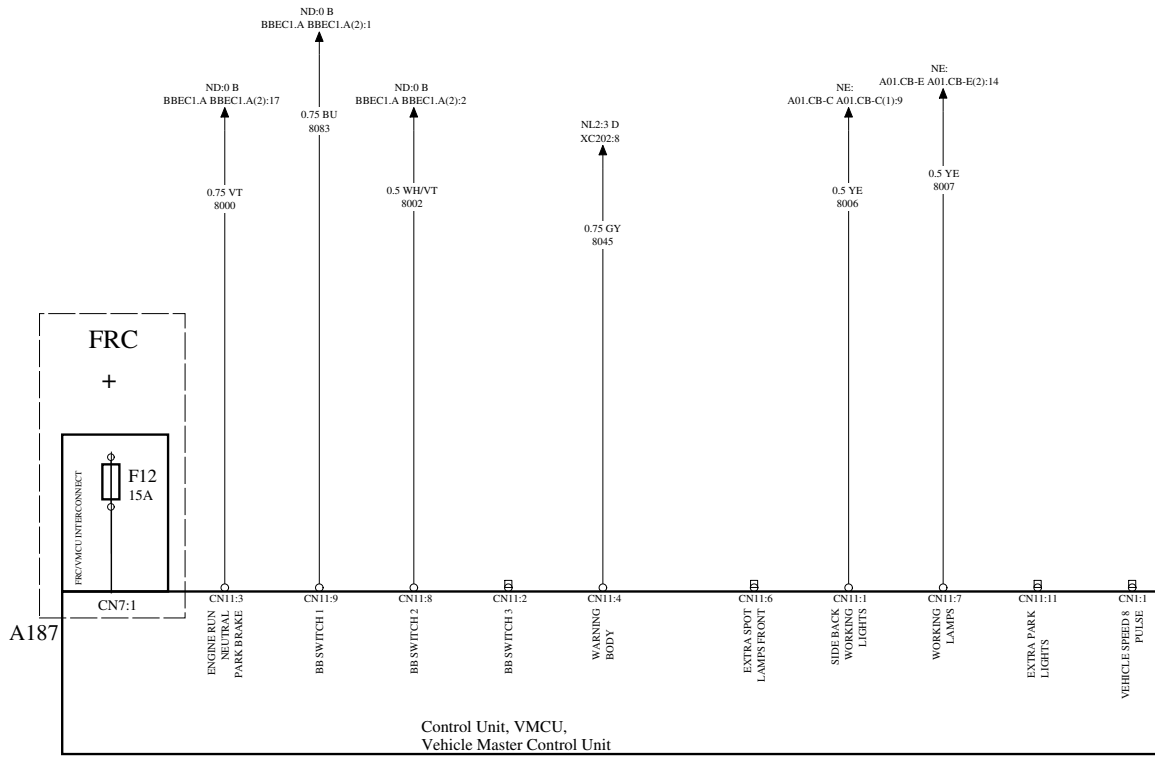
El. adjustable seat
(optional fan and heat)

TPMS TIRE PRESSURE MONITORING SYSTEM WIRING DIAGRAM KC



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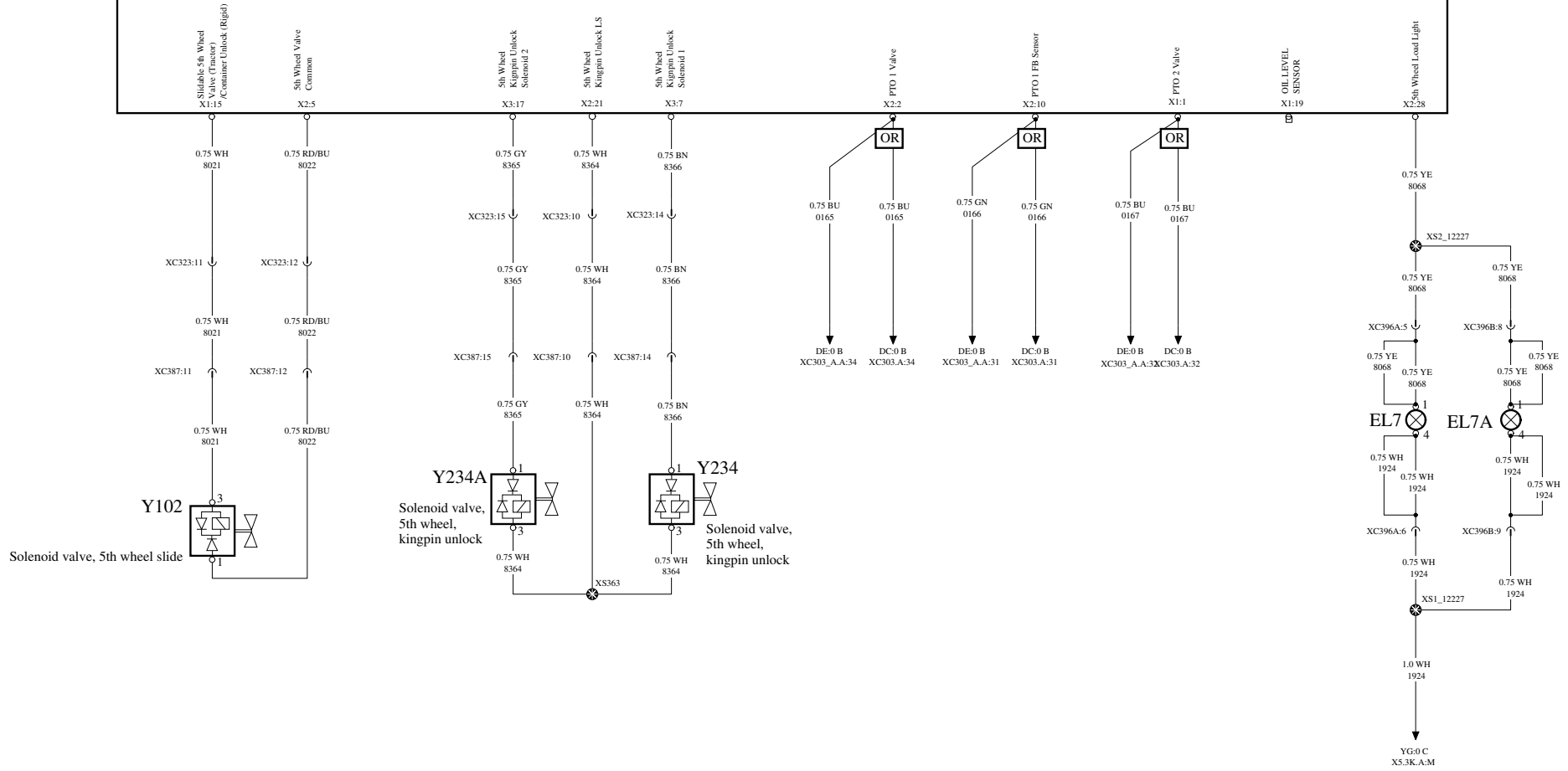


A163

Control unit, CCIOM,
Central Chassis IO Module

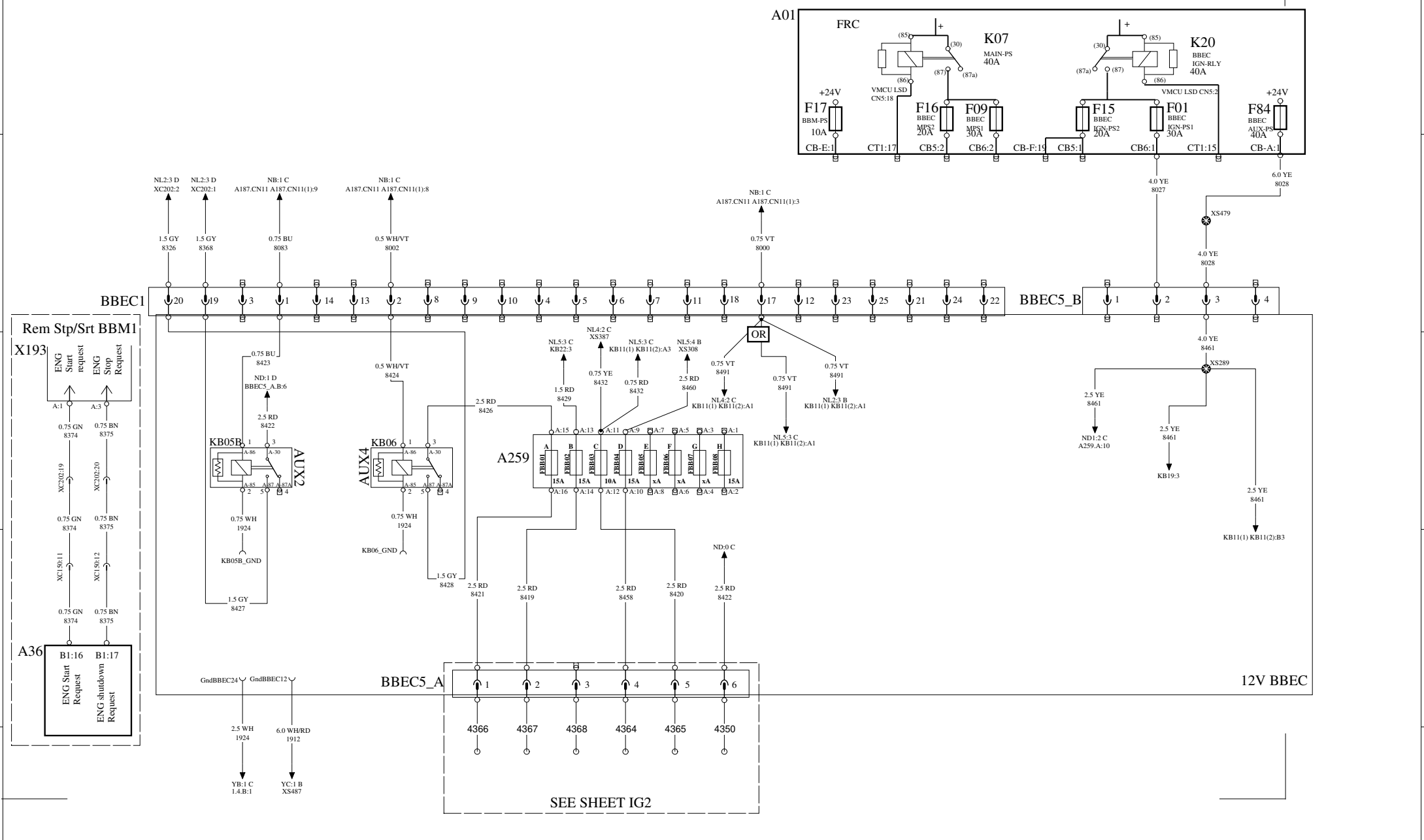
CCIOM

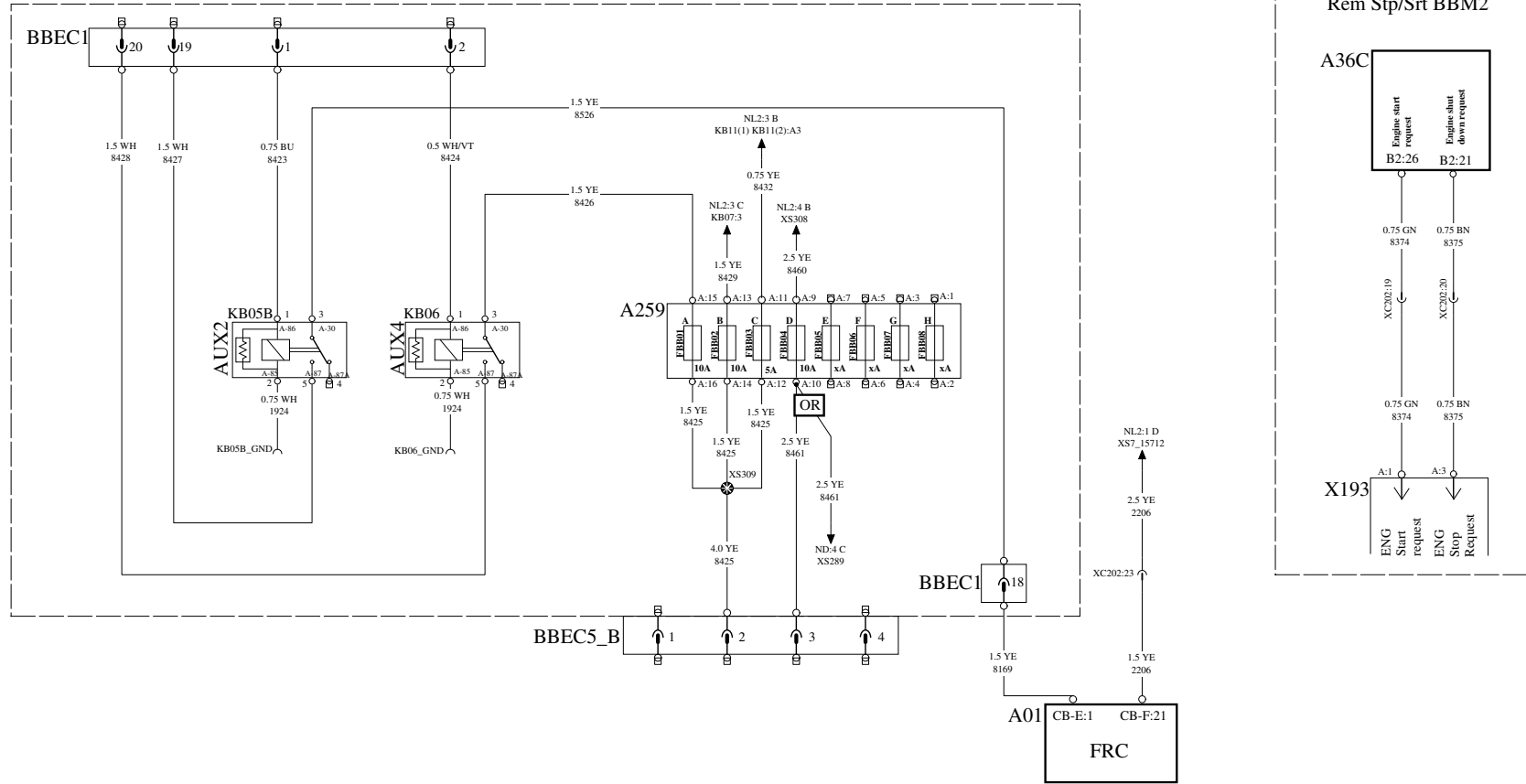
BBM- 5th Wheel



BODYBUILDER 12V BBEC

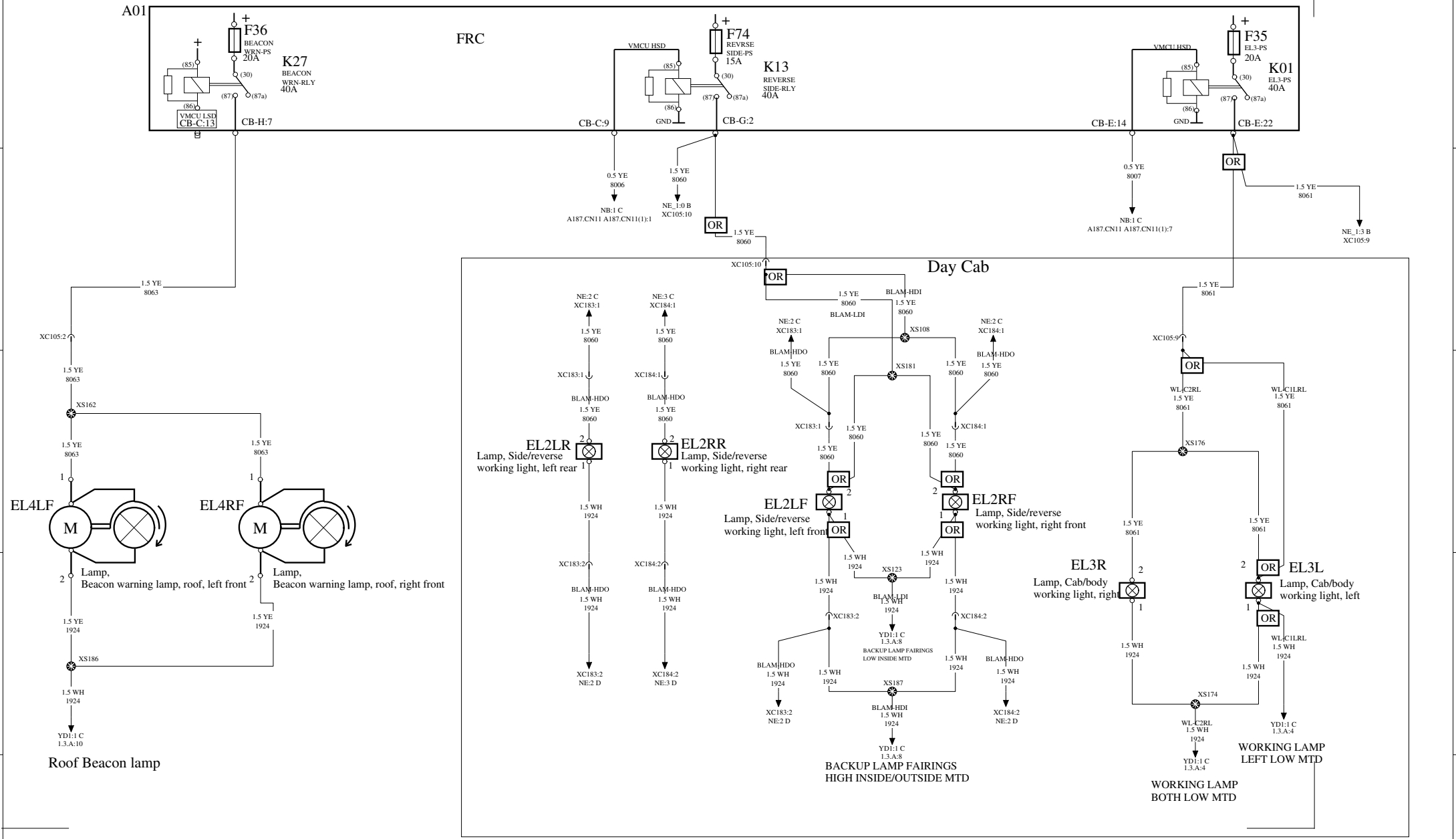
WIRING DIAGRAM ND





BODY BUILDER LIGHTS

WIRING DIAGRAM NE



V O L V O

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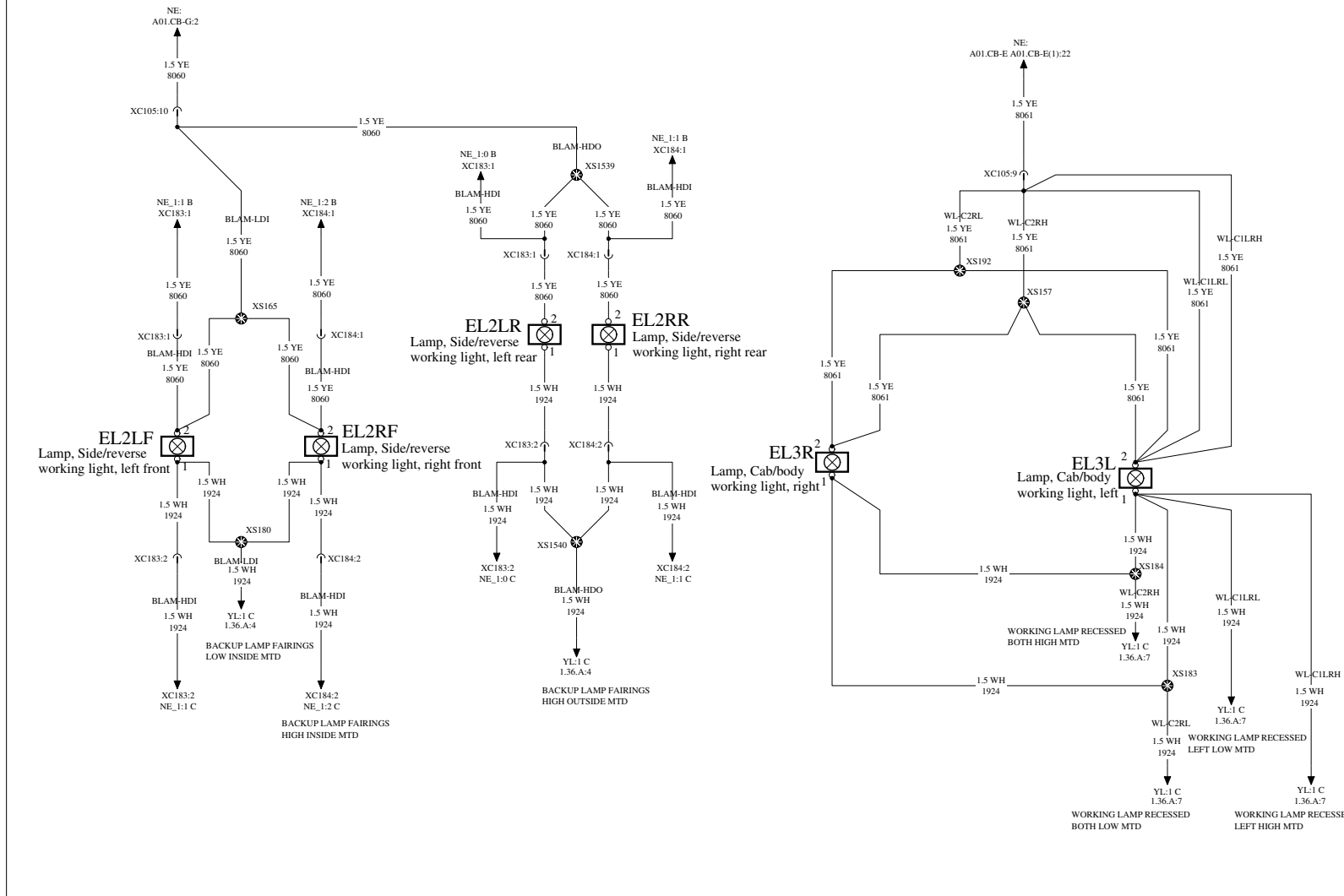
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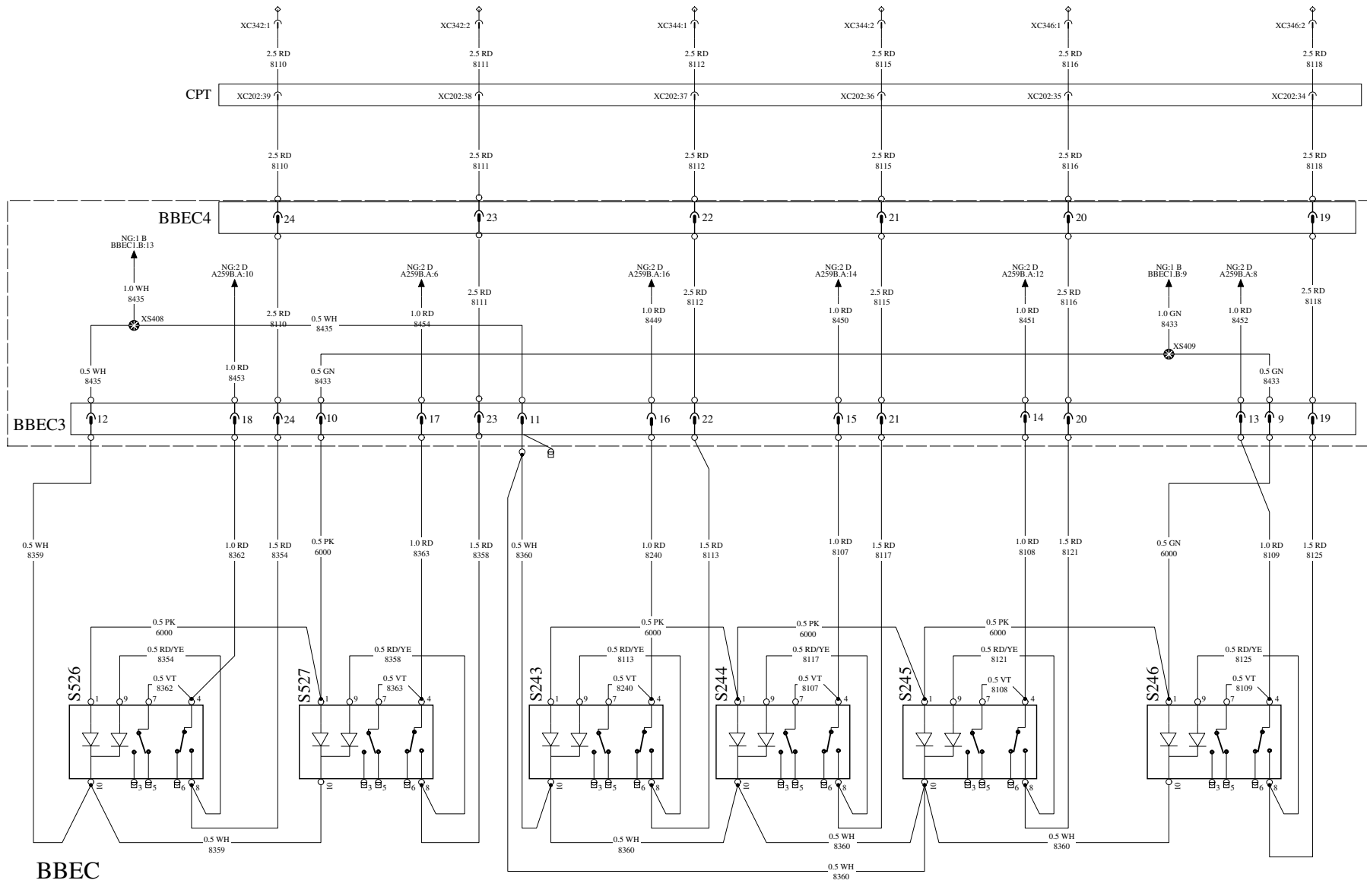
84 (125)

SLEEPER



BODY BUILDER 12V AUX SWITCHES

WIRING DIAGRAM NF



V O L V O

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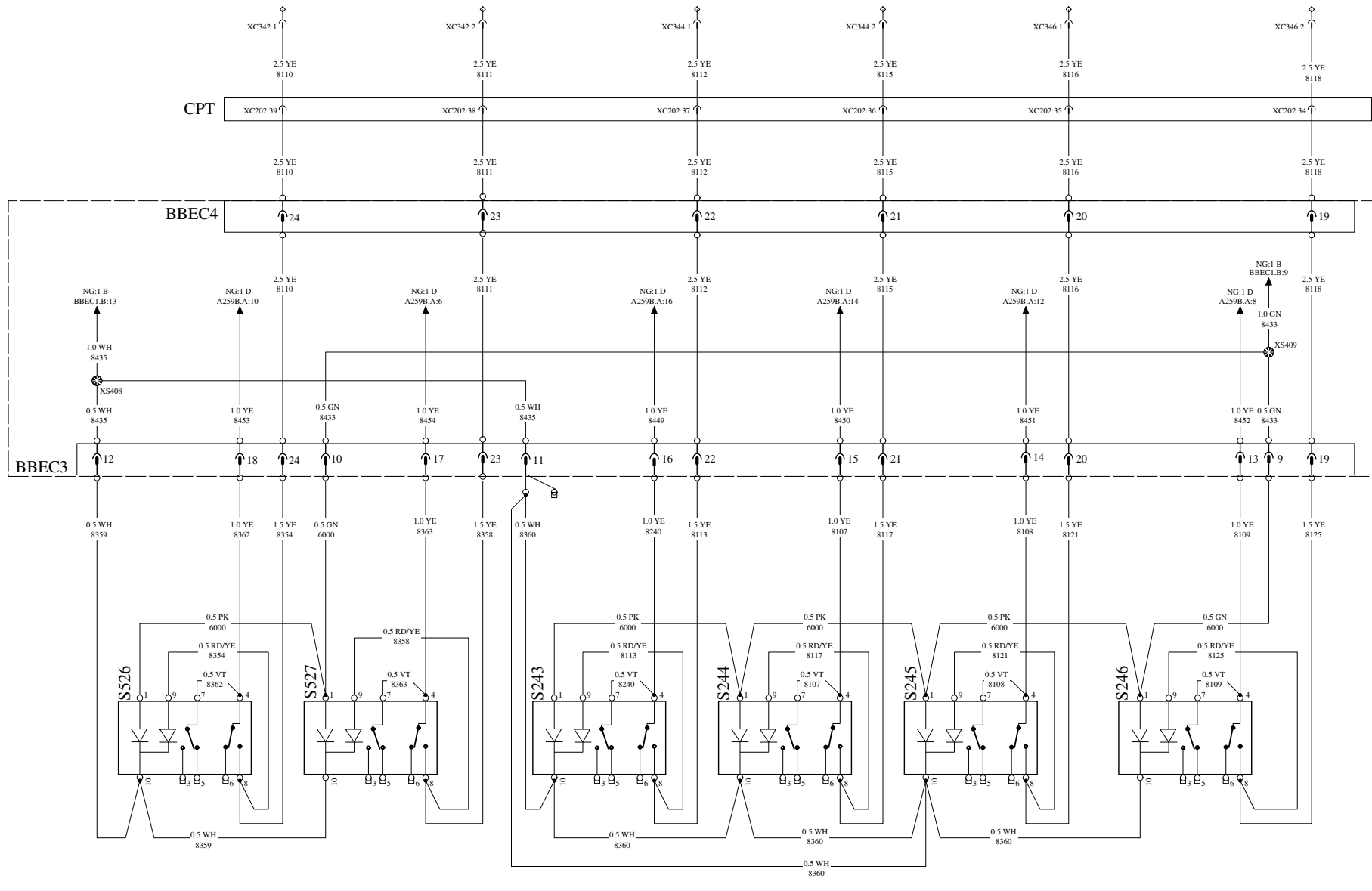
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BODYBUILDER 24V AUX SWITCHES

WIRING DIAGRAM NF1



V O L V O

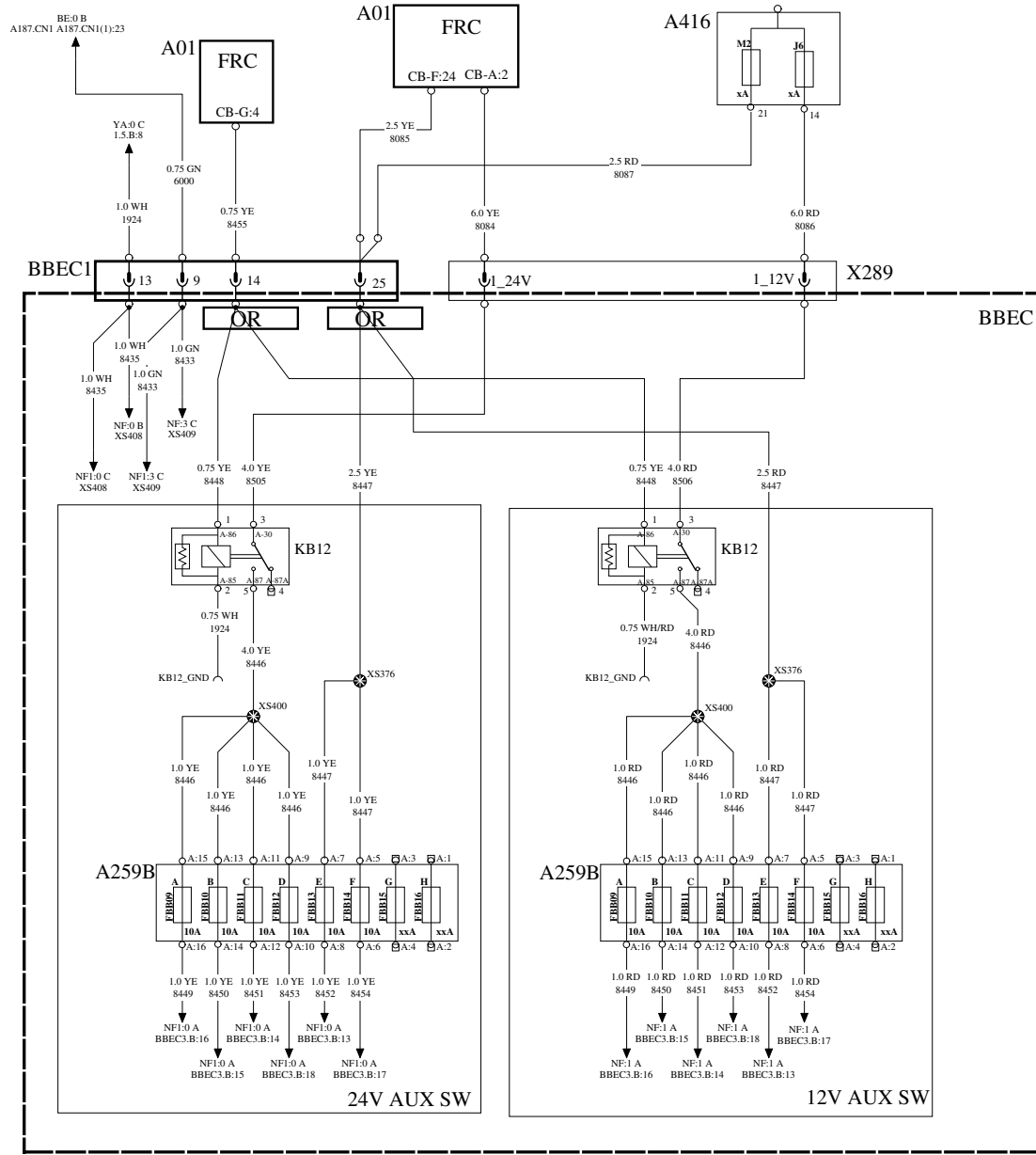
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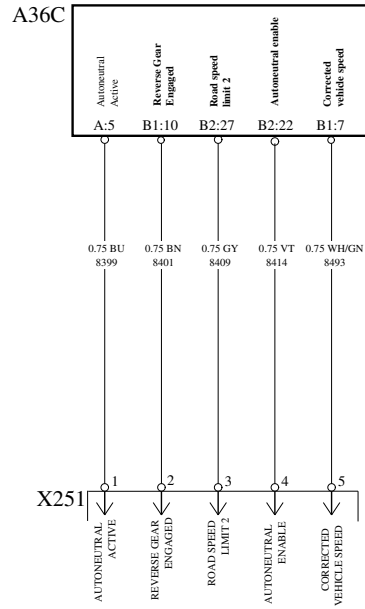
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BODYBUILDER COMMON INTERFACE

BB TRANS INTERFACE

WIRING DIAGRAM NI



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BODYBUILDER 24V BODYLINK

24V BBCHAS4

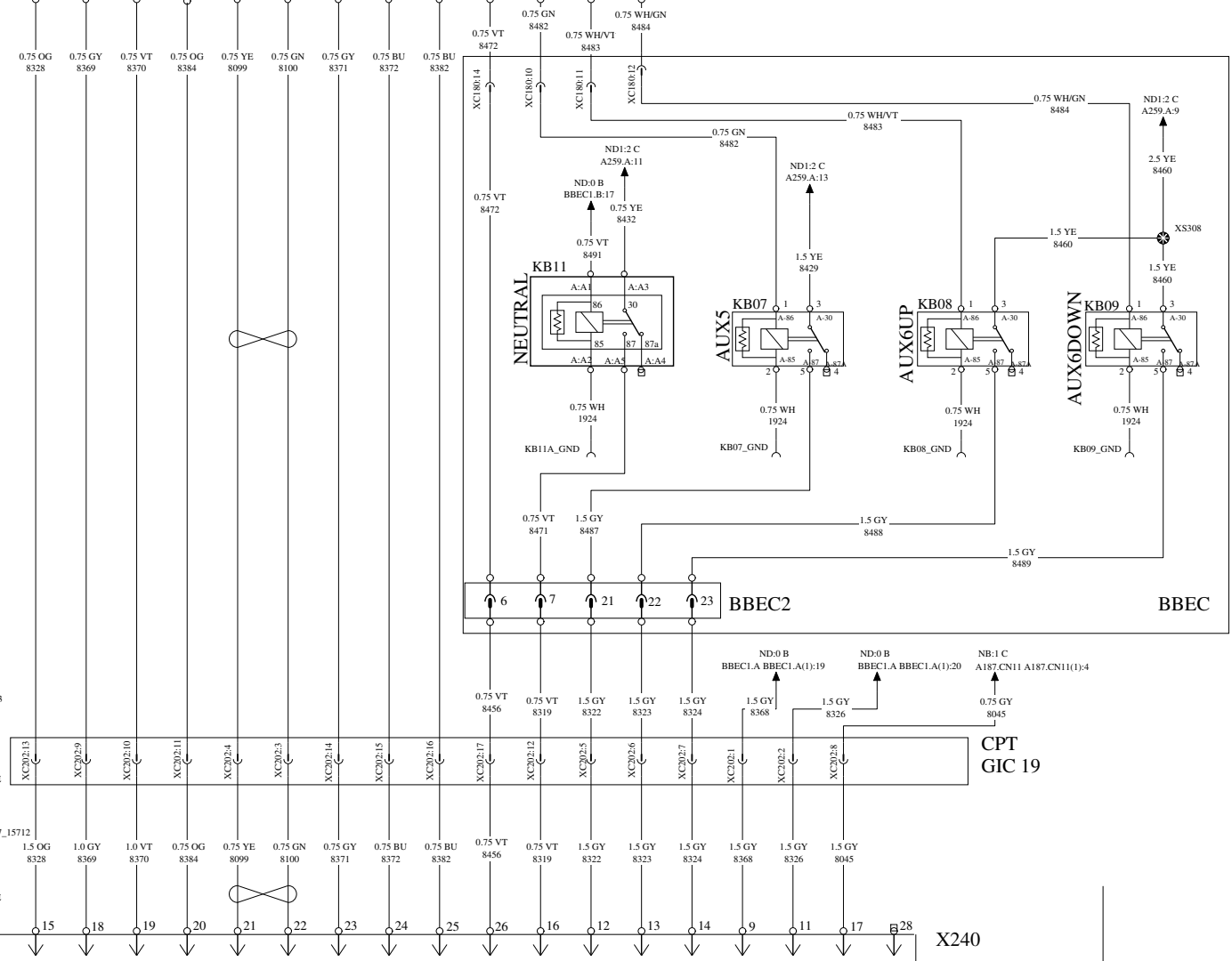
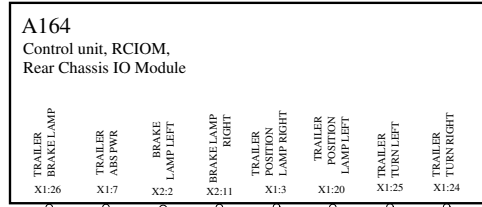
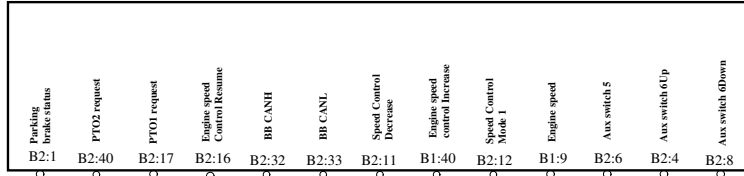
WIRING DIAGRAM NL2

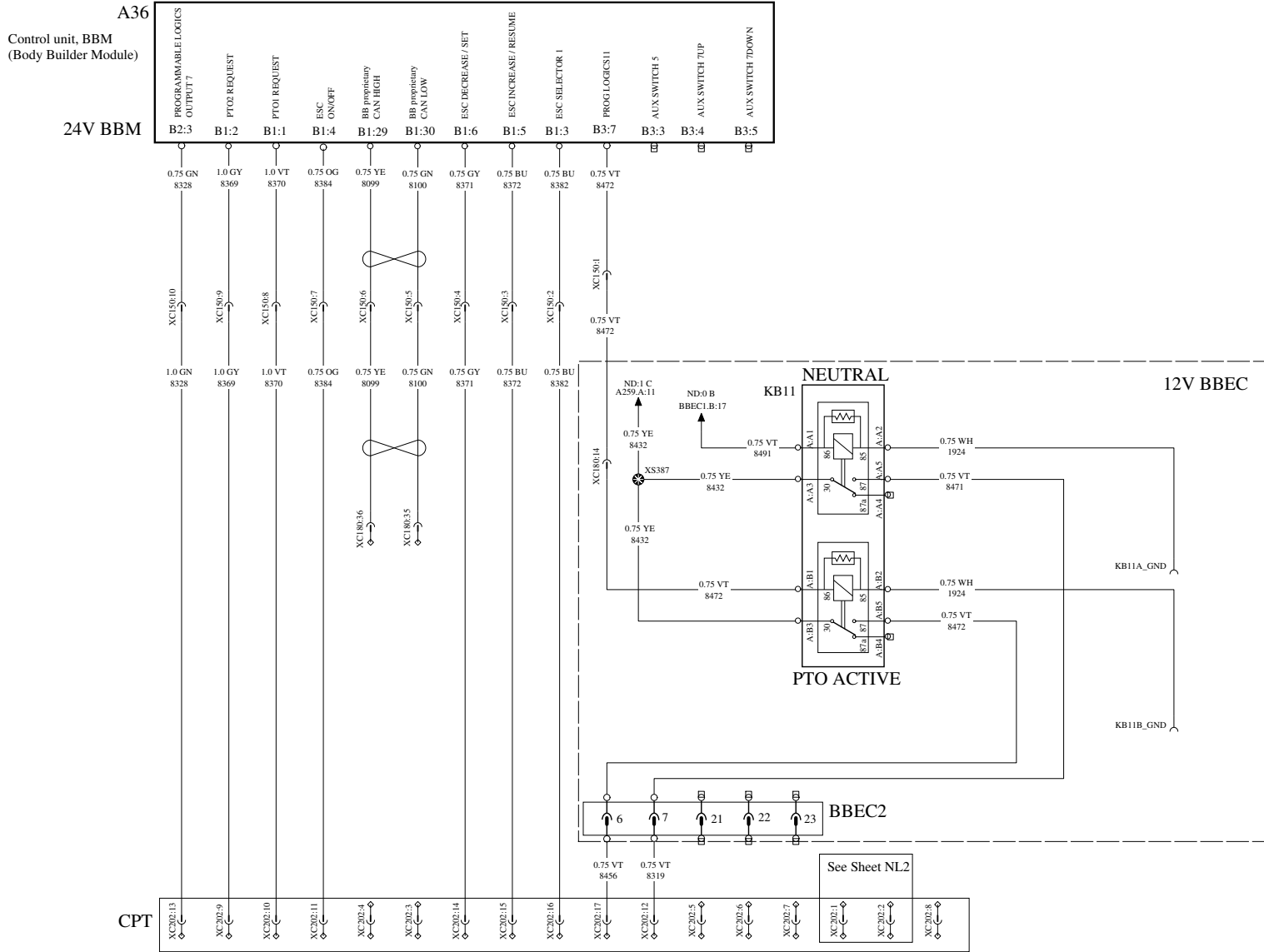
A163

Control unit, CCIOM,
Central Chassis IO Module

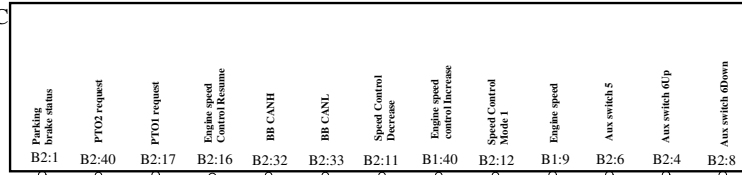


A36C

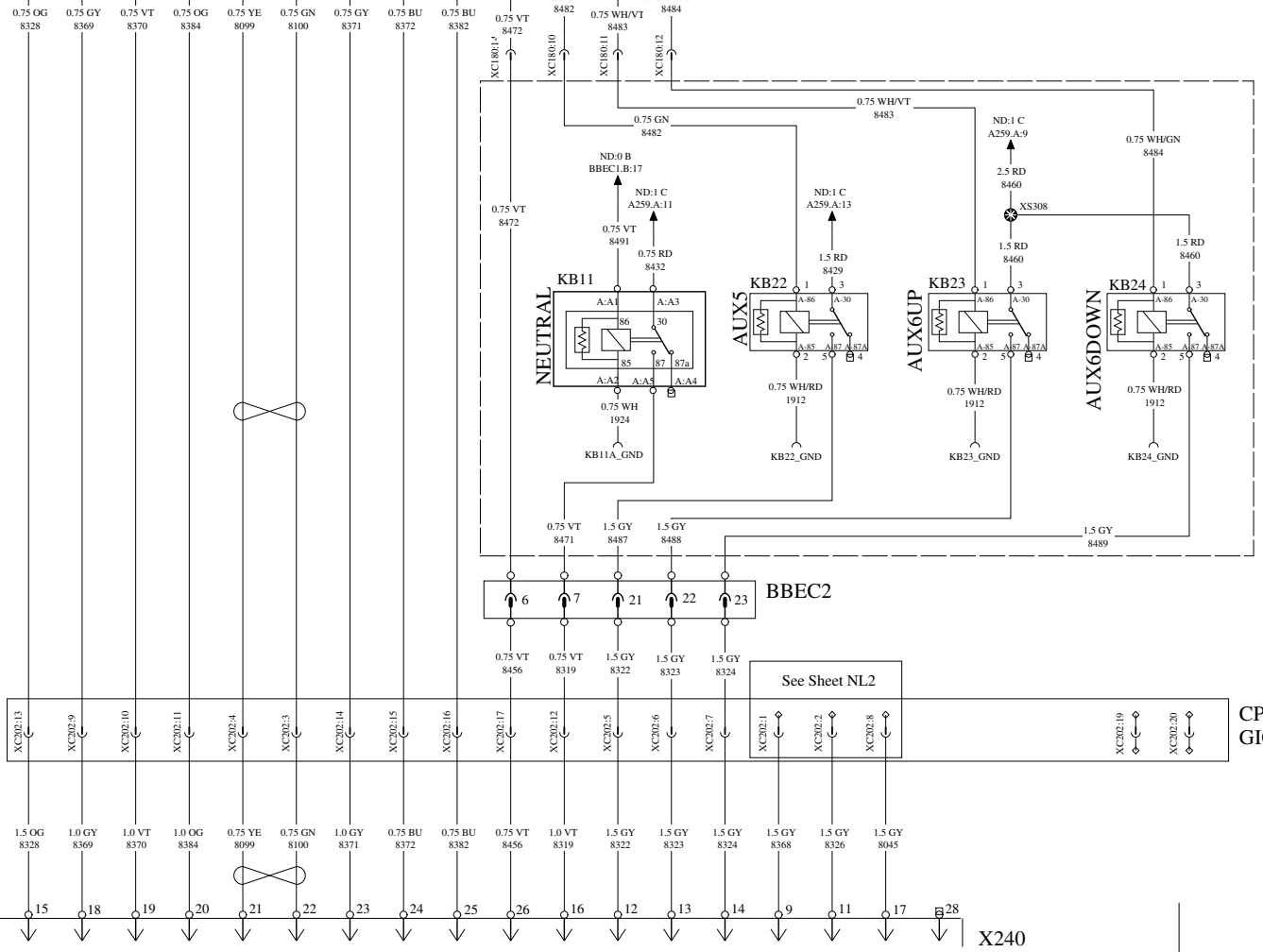
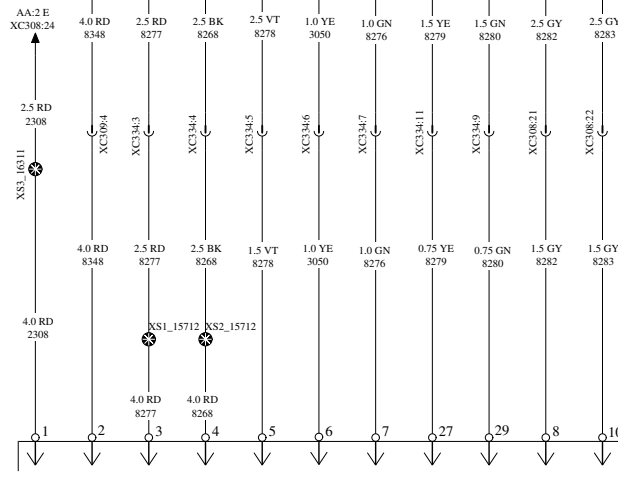
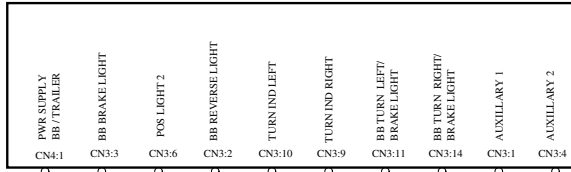




A36C



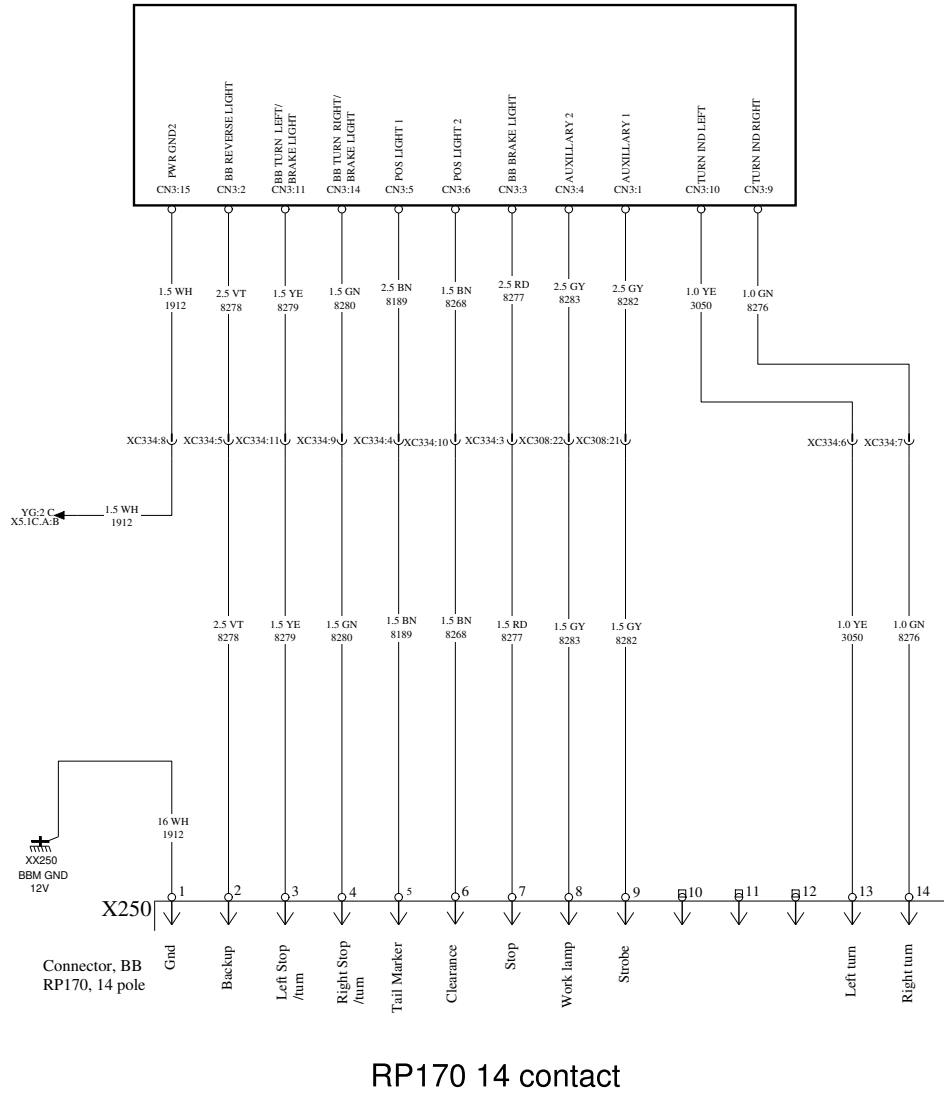
A269
Control Unit,
Trailer Body Builder
Input/Output Module.



BODYBUILDER 12V RP170

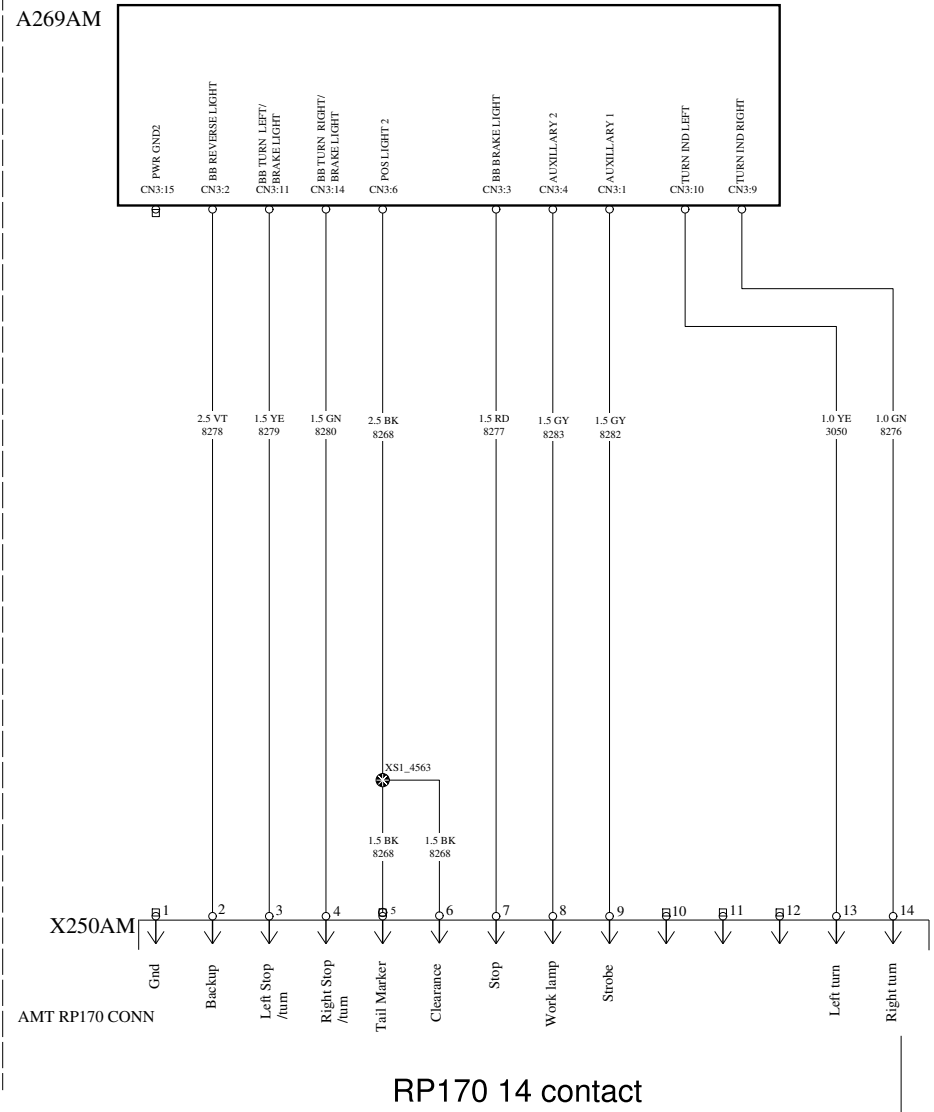
WIRING DIAGRAM NM

A269



RP170 14 contact

A269AM

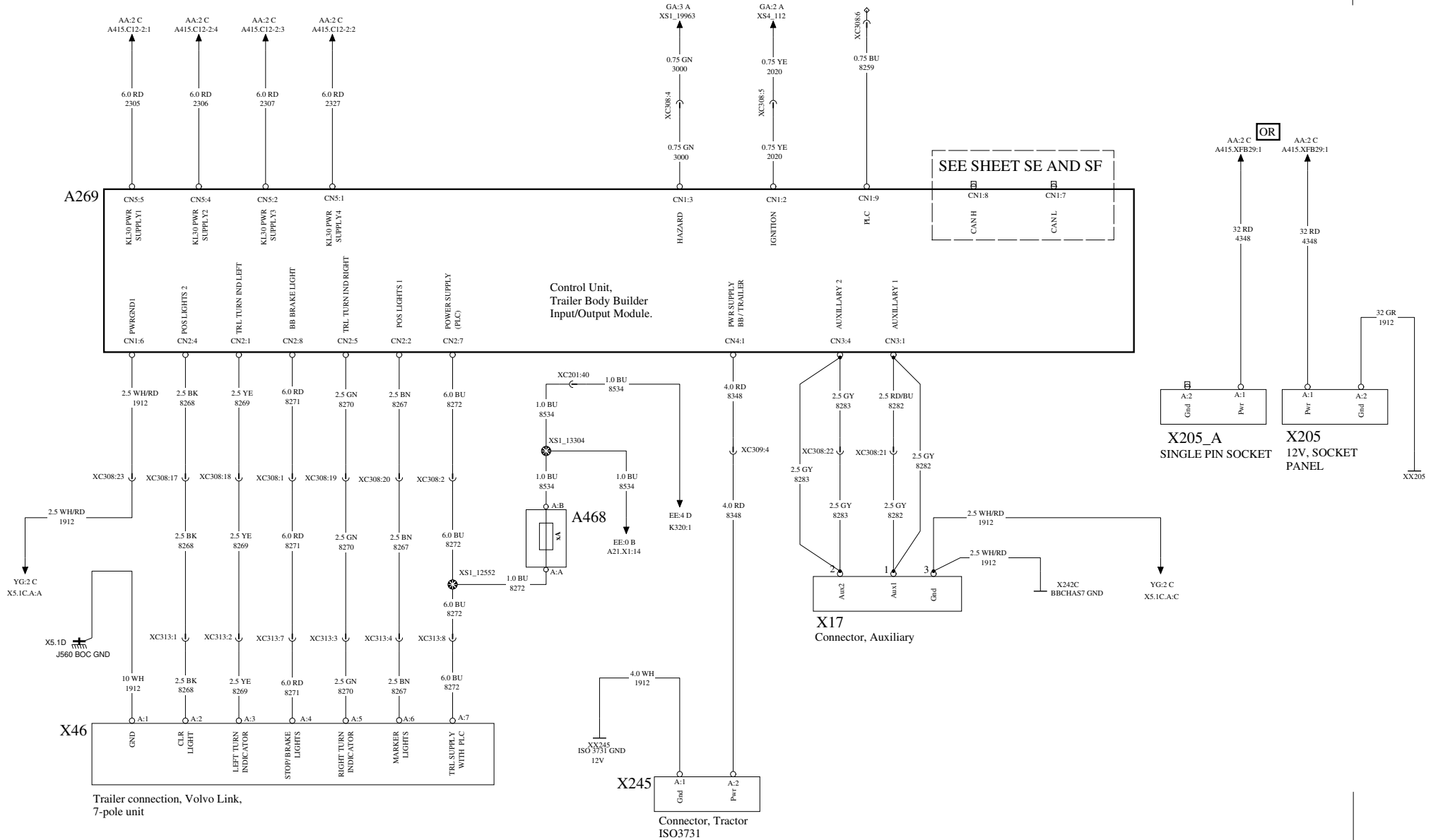


RP170 14 contact

BODYBUILDER TRAILER

TBIOM, 12V TRACTOR

WIRING DIAGRAM NT



SEE SHEET SE AND SF

X205_A SINGLE PIN SOCKET
X205 12V, SOCKET PANEL

X17 Connector, Auxiliary

X245 Connector, Tractor ISO3731

Trailer connection, Volvo Link, 7-pole unit



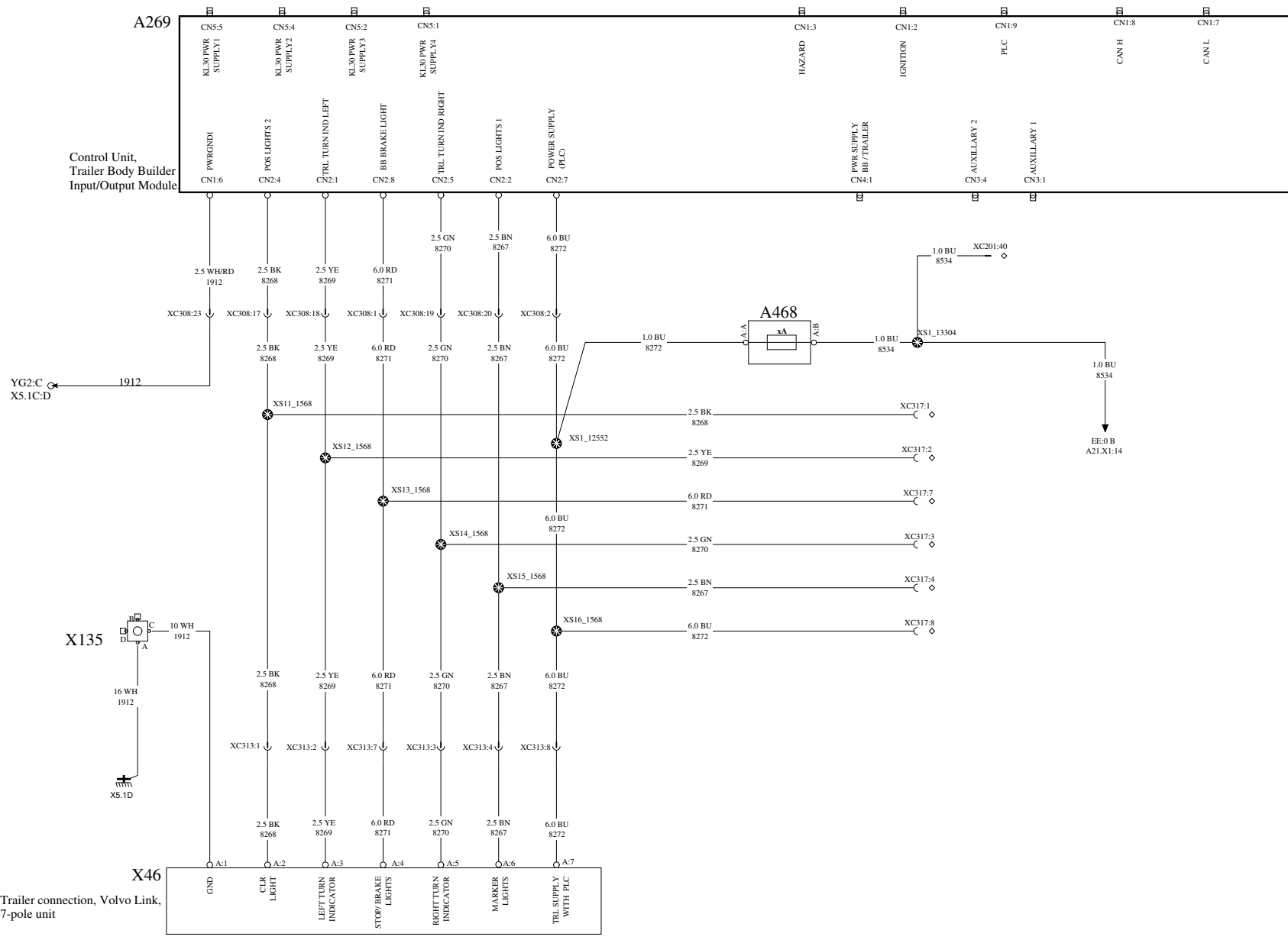
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BODYBUILDER TRAILER

BOC AND EOF

WIRING DIAGRAM NT1



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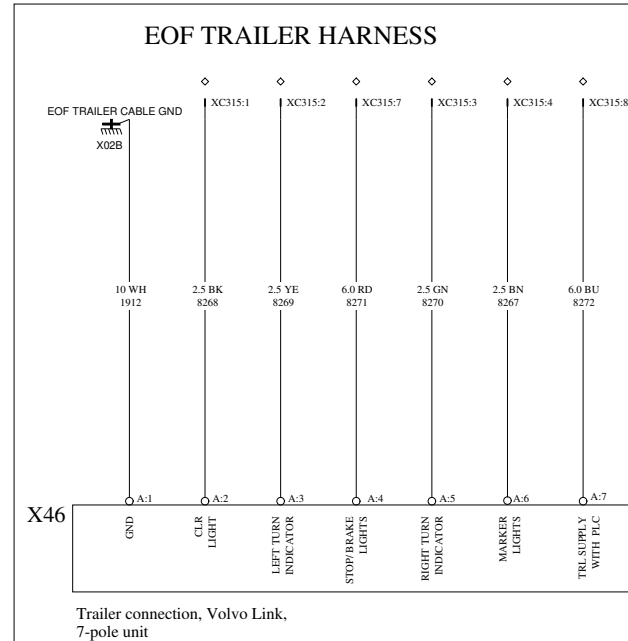
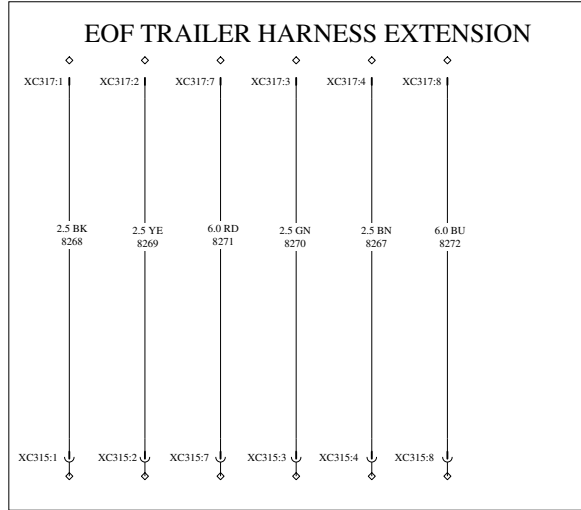
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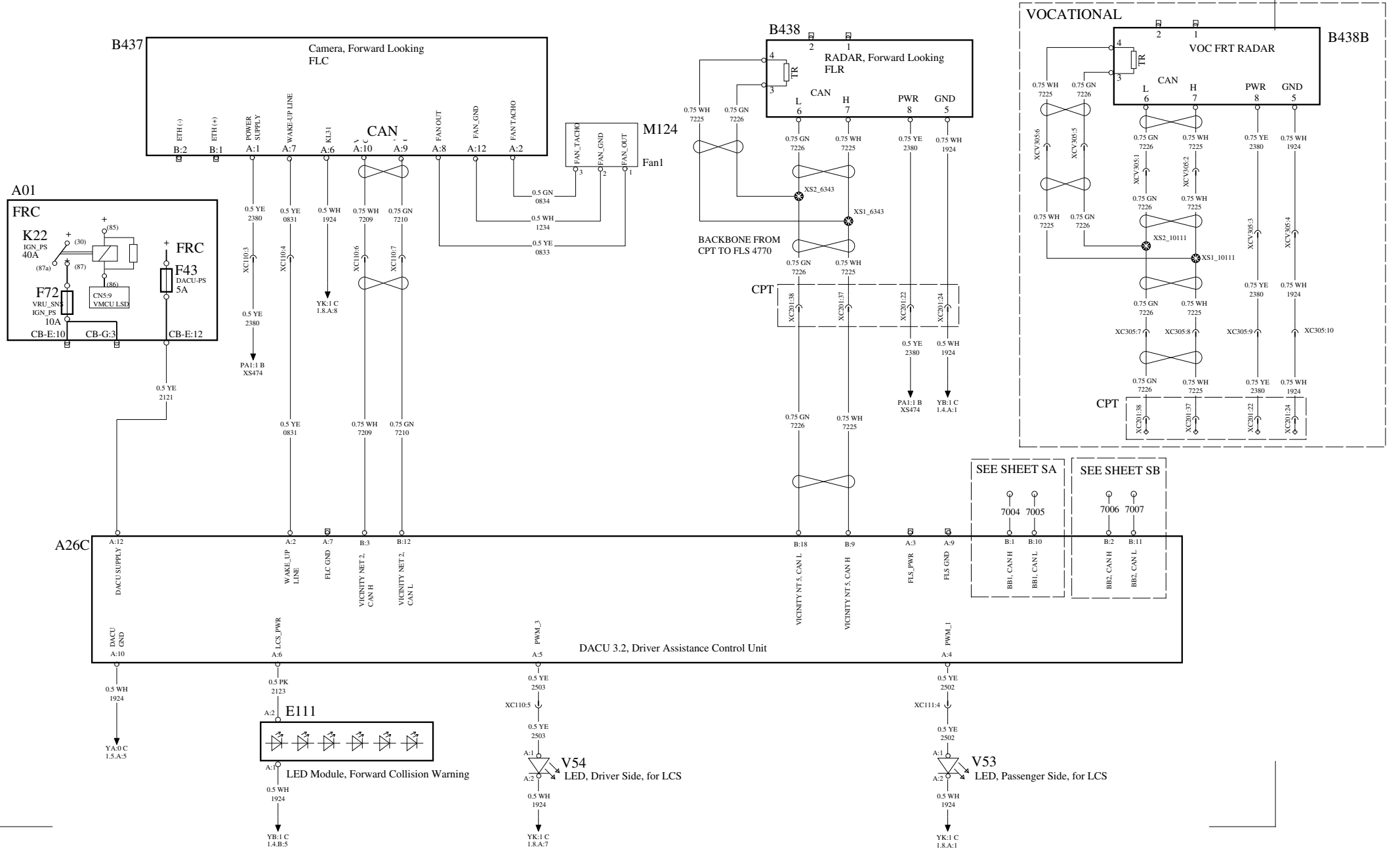
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DRIVER ASSISTANCE CONTROL UNIT

DACU3.2

WIRING DIAGRAM PA

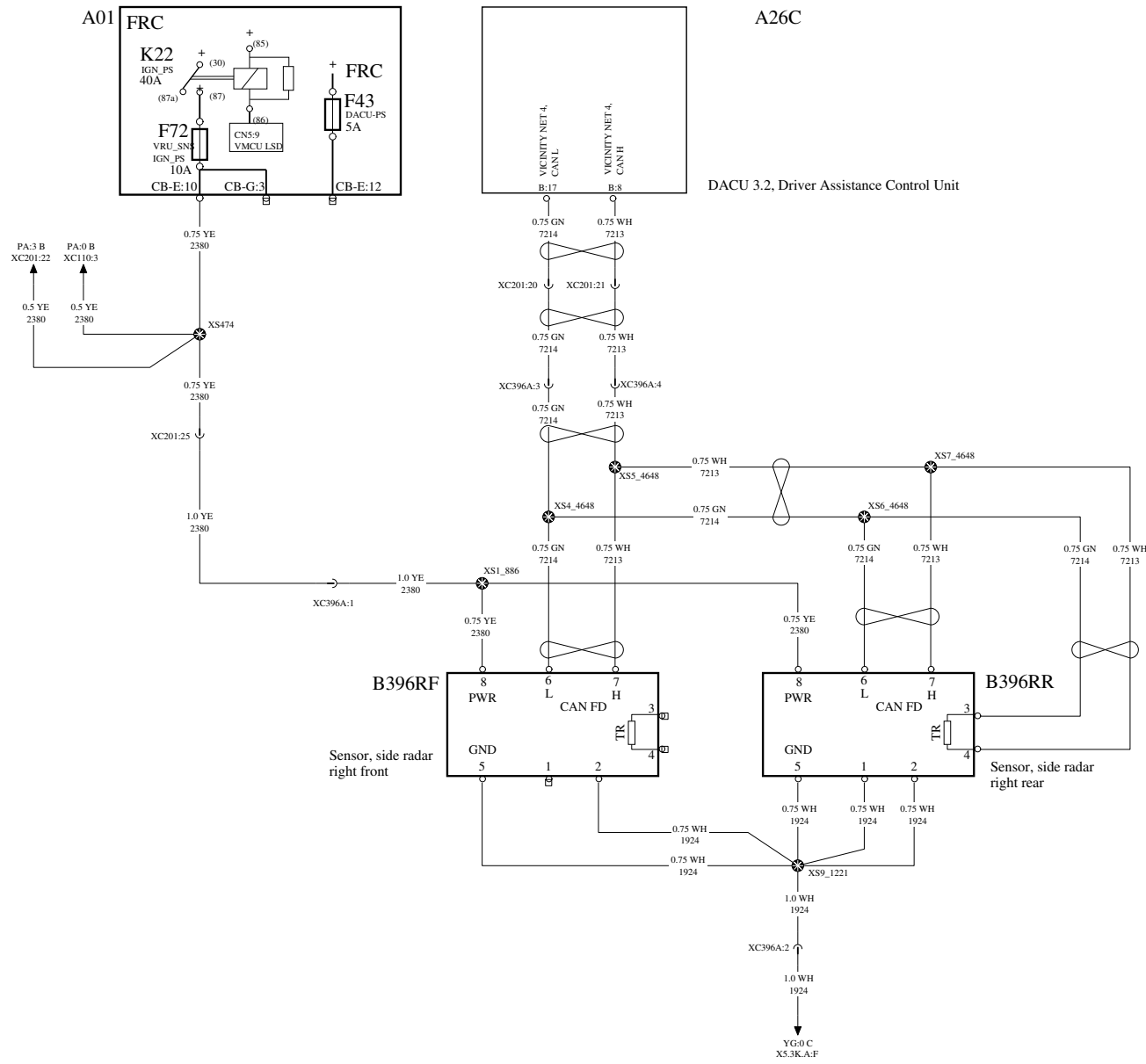


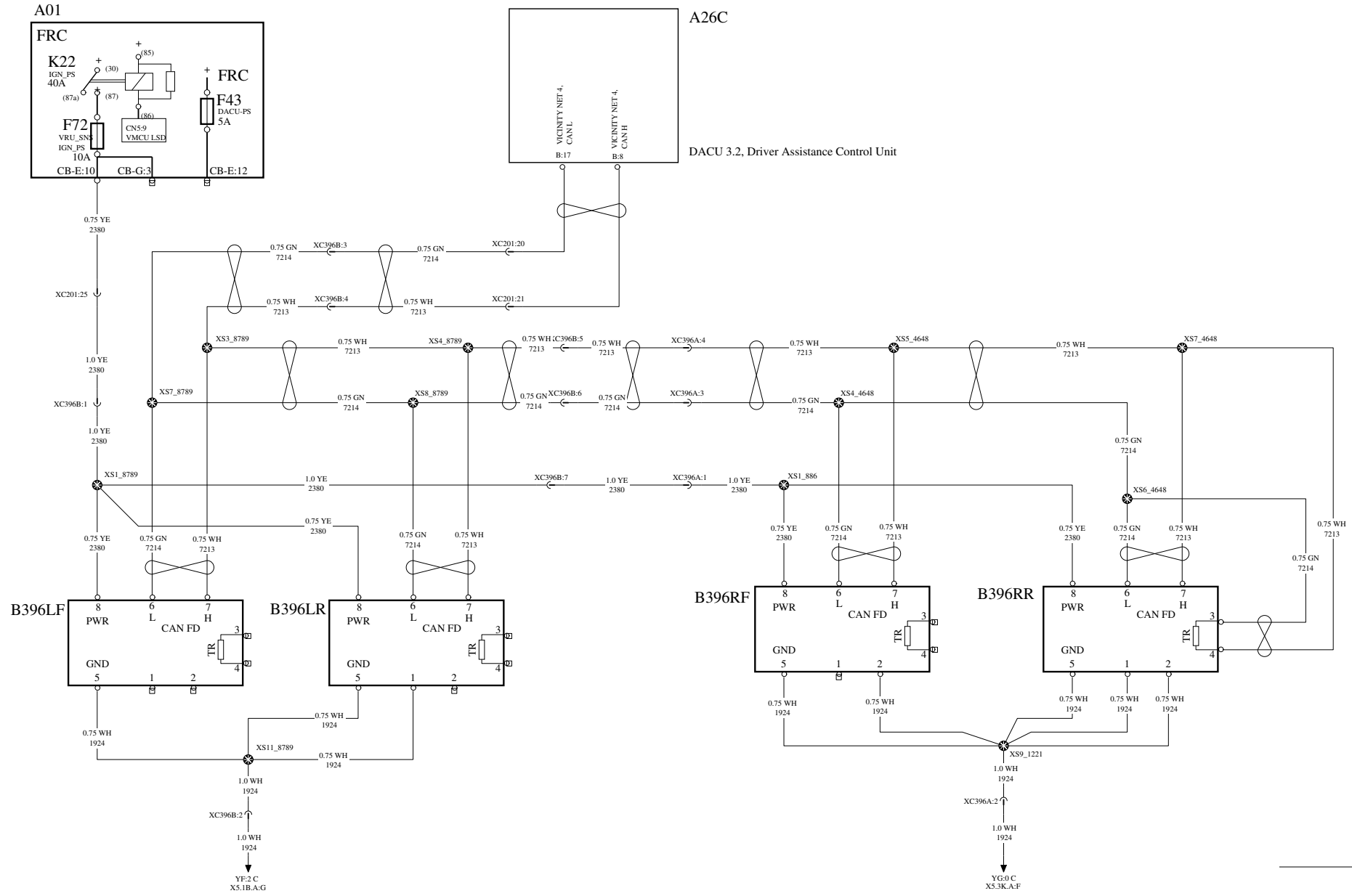
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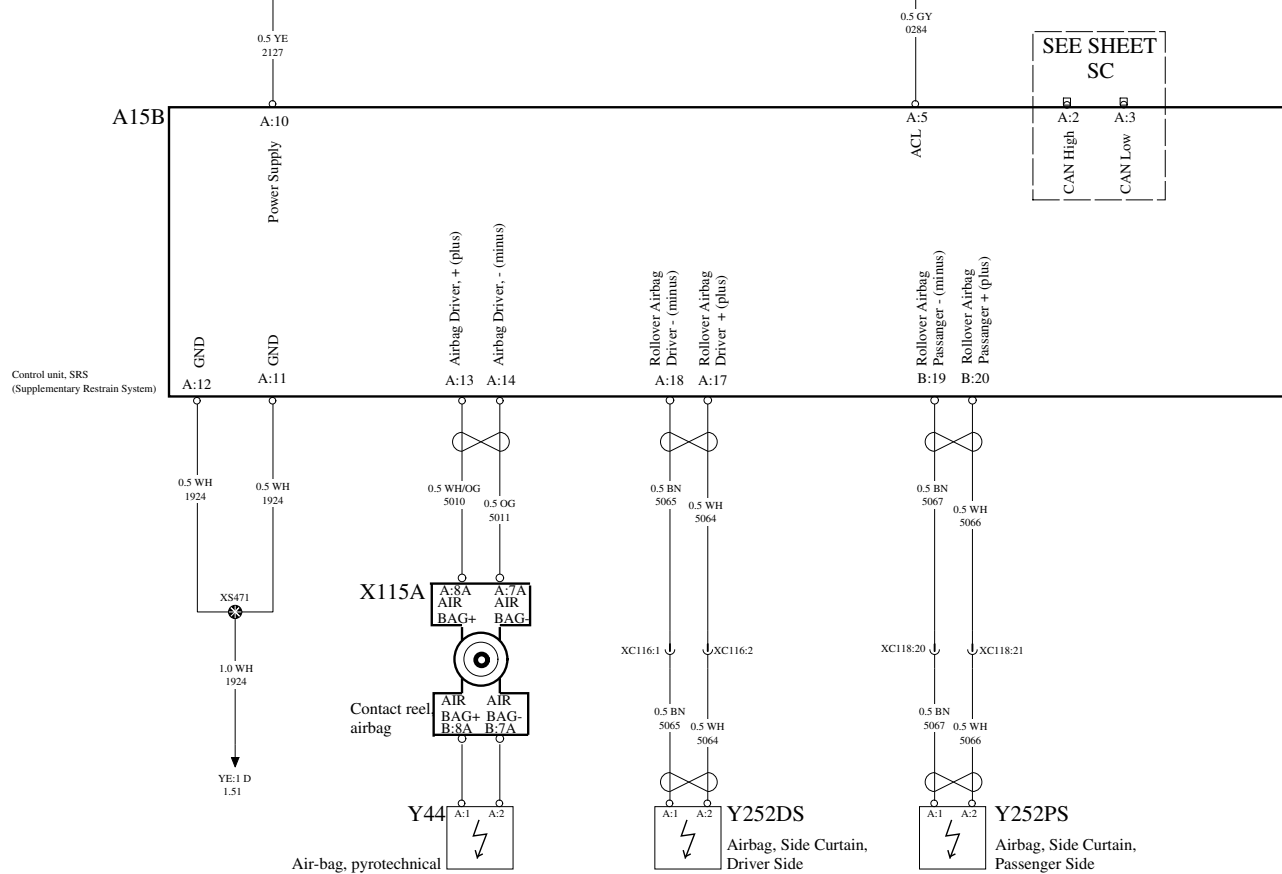
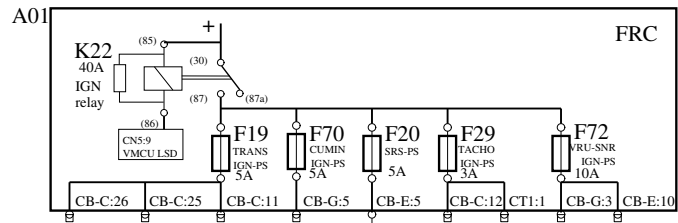
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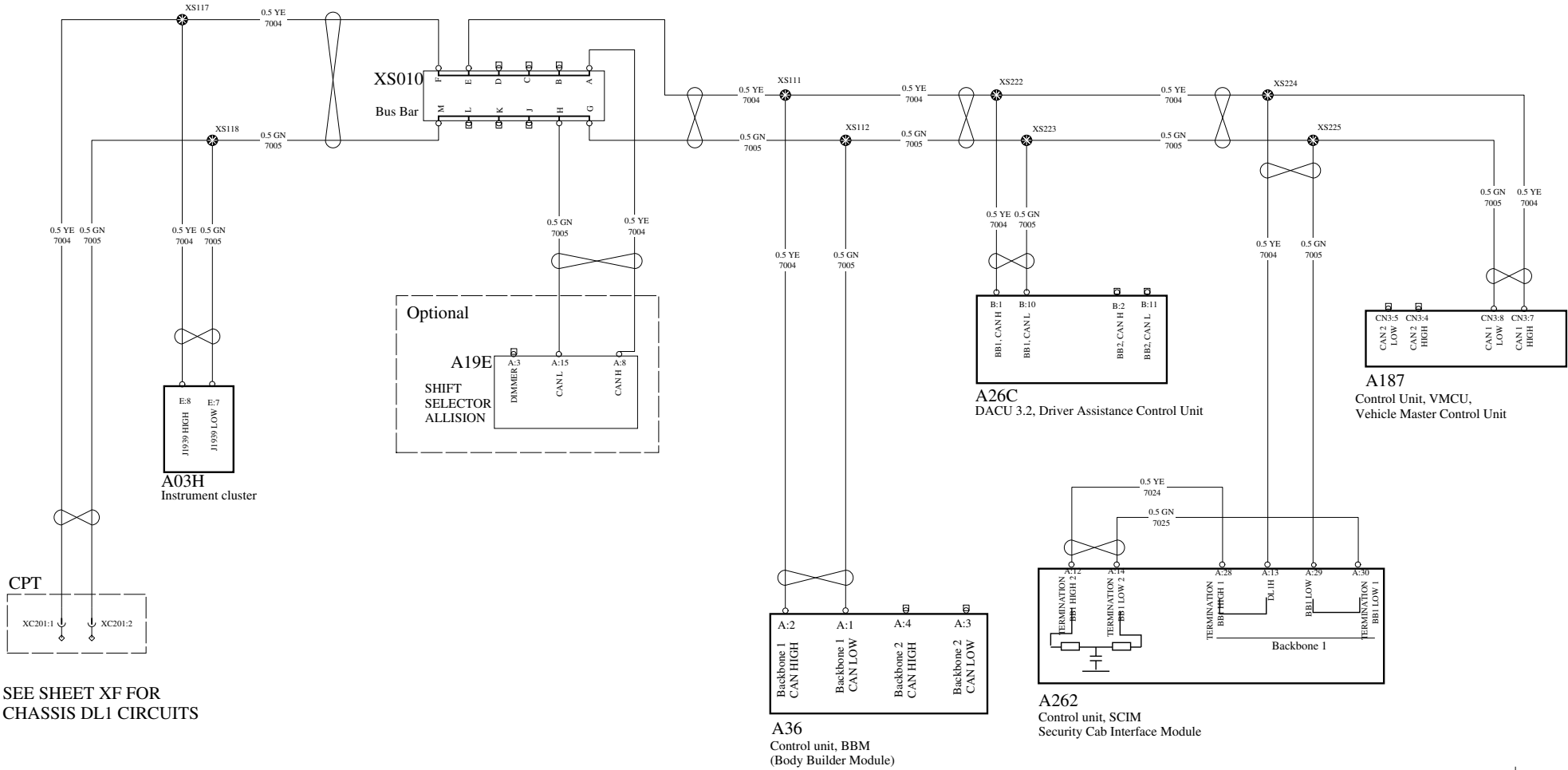
SEE SHEET SC

A:2 CAN High

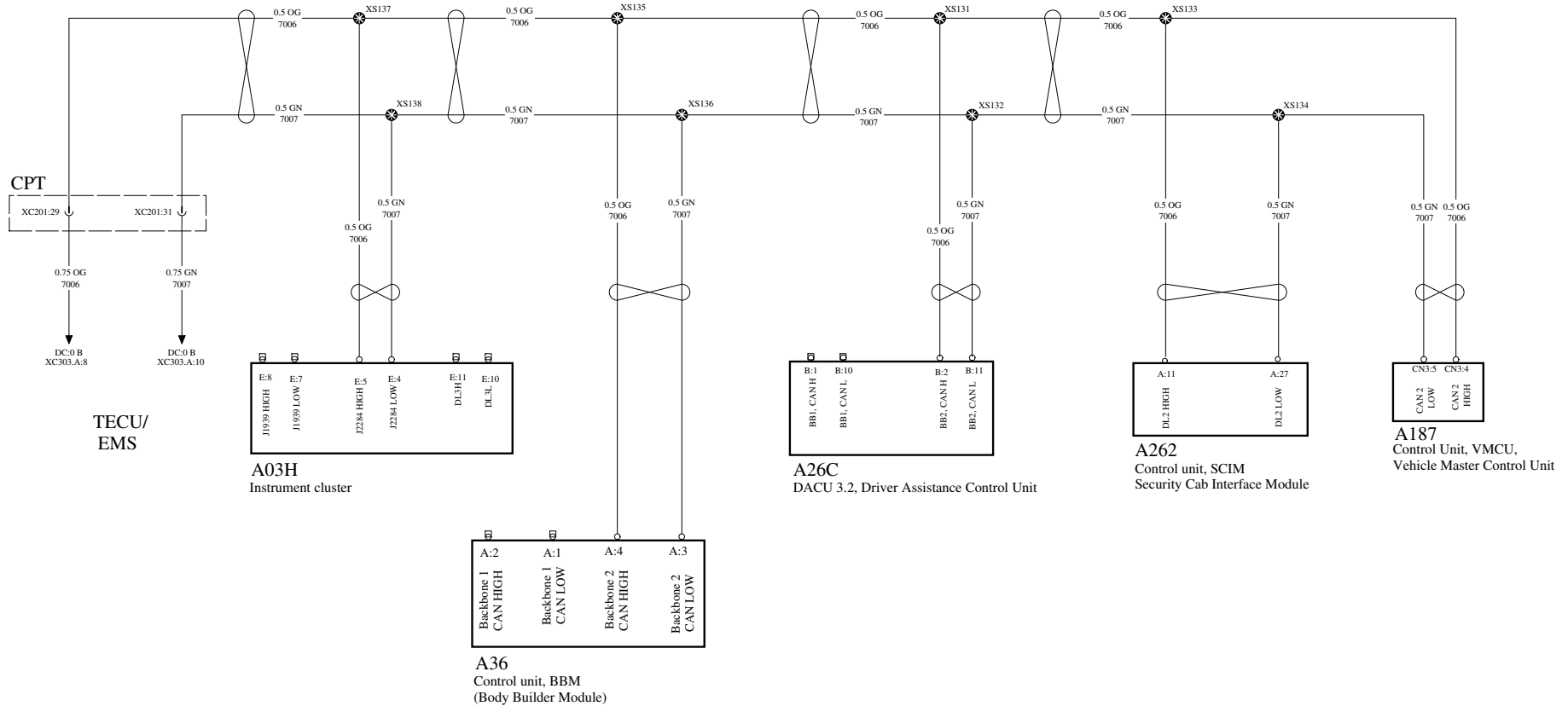
A:3 CAN Low



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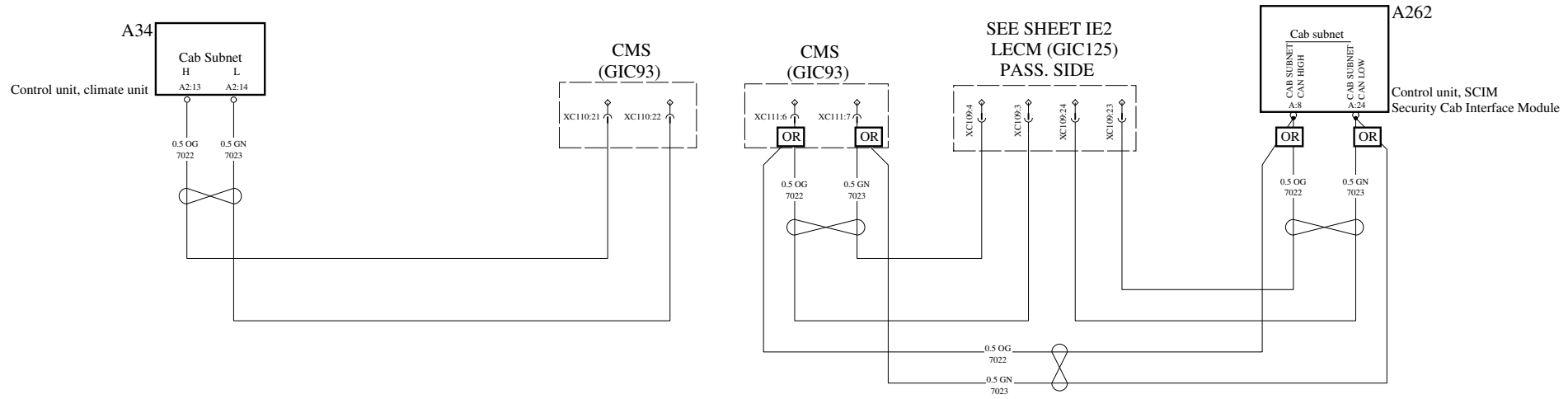
SEE SHEET XF FOR CHASSIS DL1 CIRCUITS



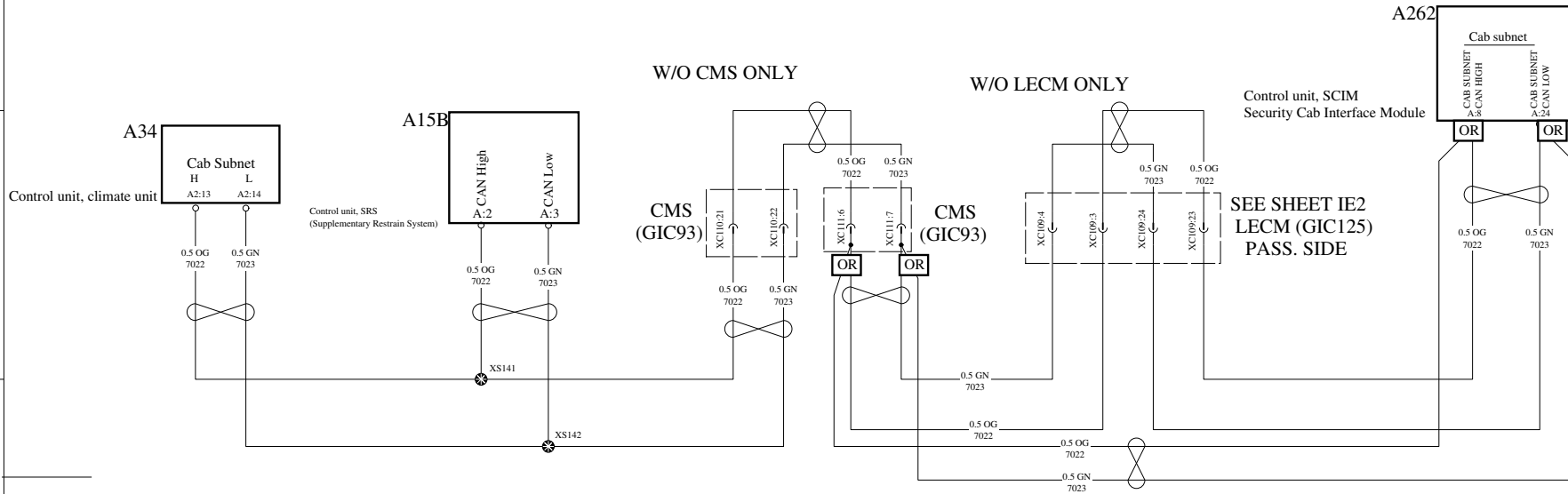
CAB SUBNET

WIRING DIAGRAM SC

CAB SUBNET BASE WITHOUT SRS SLEEPER (739) / DAY CAB (741)



CAB SUBNET BASE WITH SRS SLEEPER (740) / DAY CAB (742)



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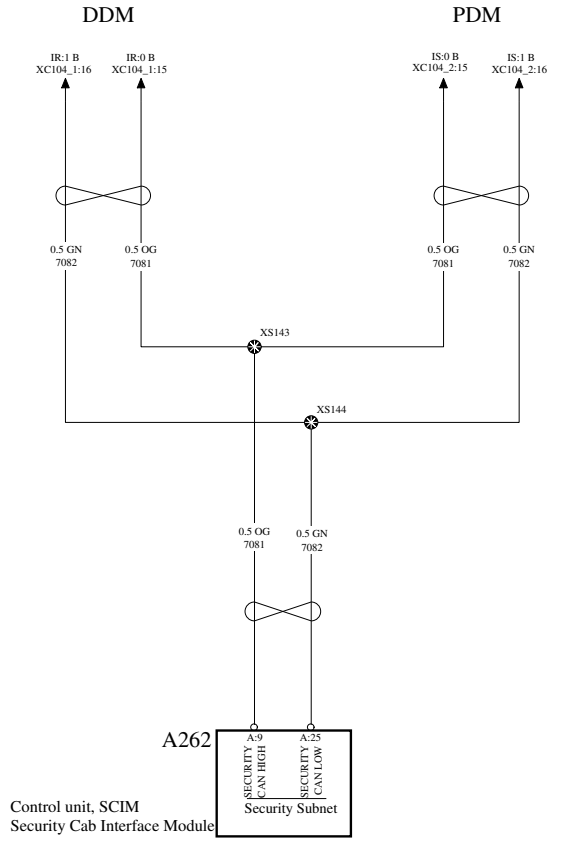
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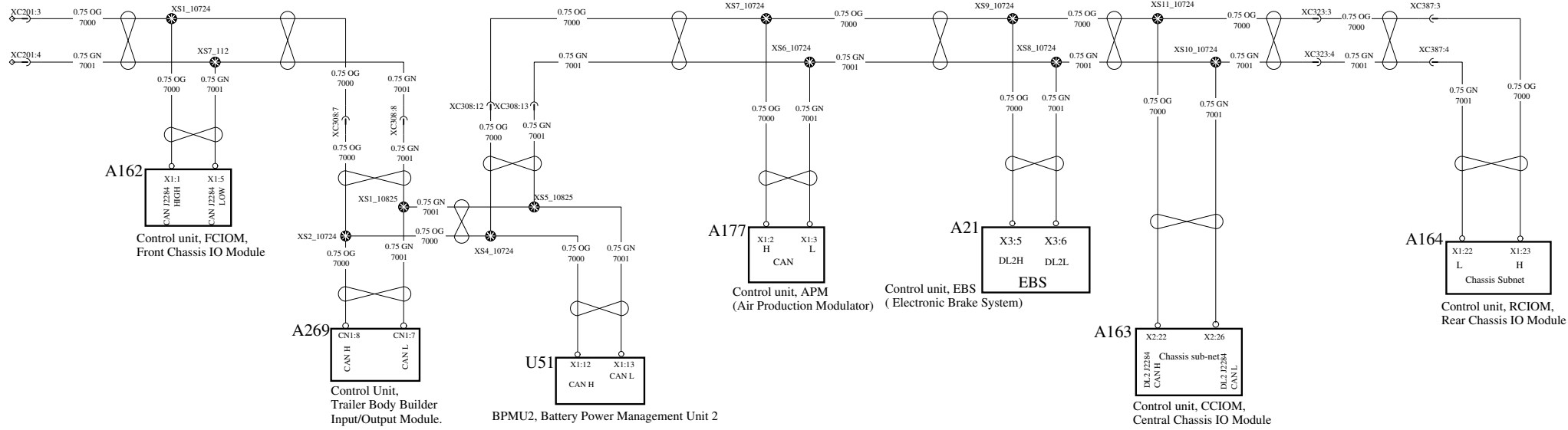
103 (125)



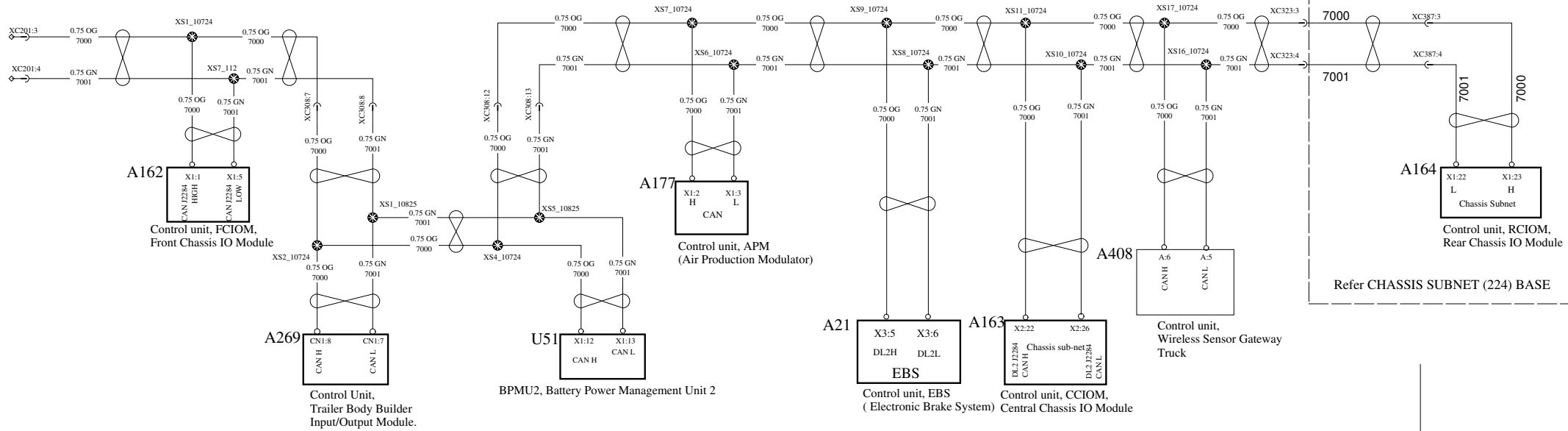
CHASSIS SUBNET

FUNCTION ARCHITECTURE

CHASSIS SUBNET (224) BASE



CHASSIS SUBNET (225) BASE W/TPM



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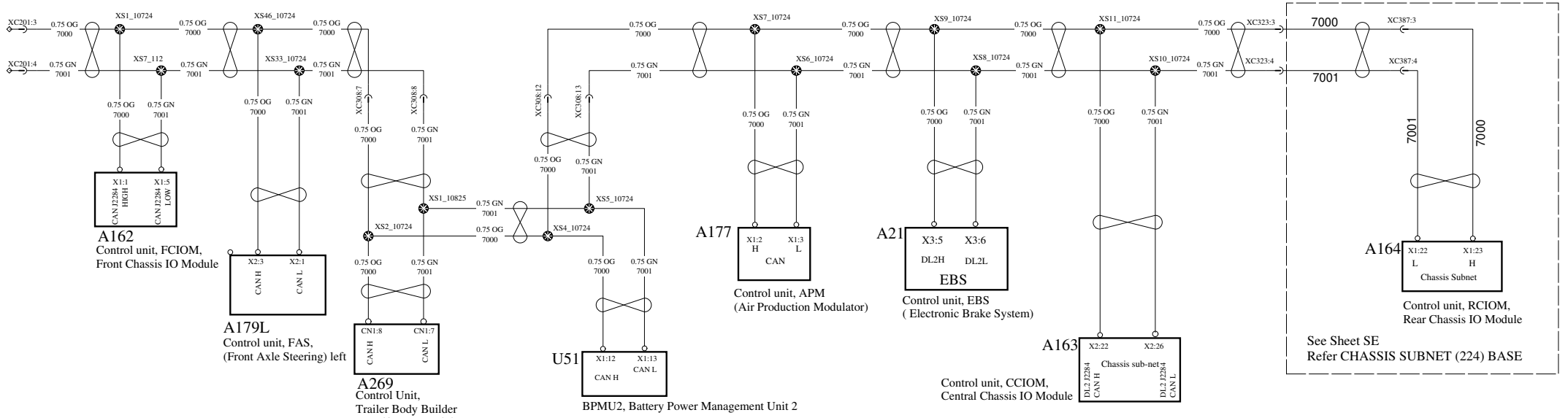
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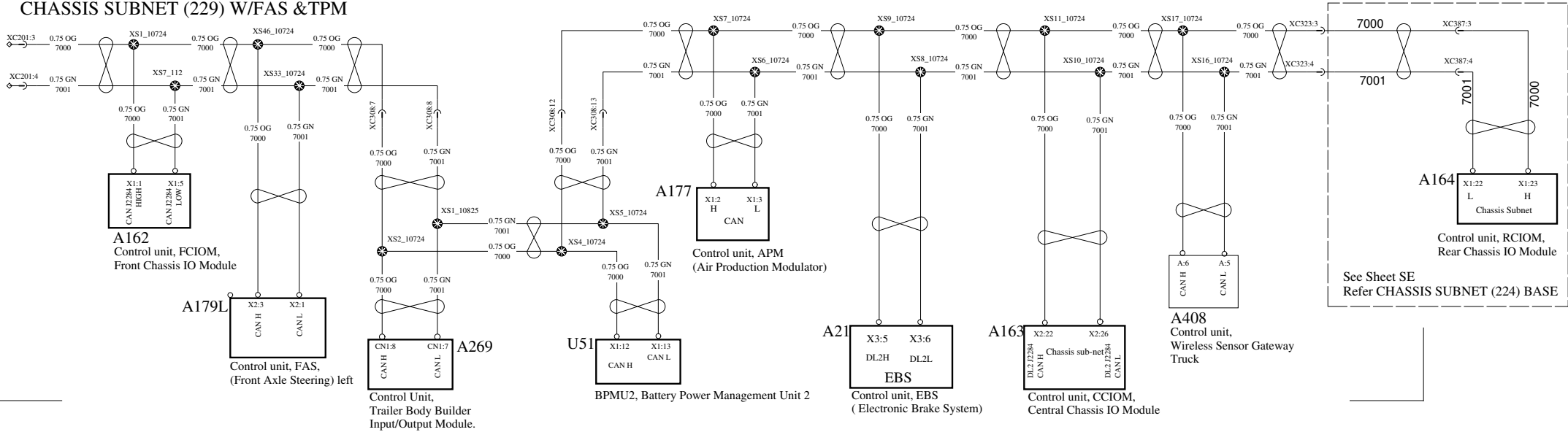
CHASSIS SUBNET

WIRING DIAGRAM SF

CHASSIS SUBNET (226) BASE W/FAS



CHASSIS SUBNET (229) W/FAS & TPM



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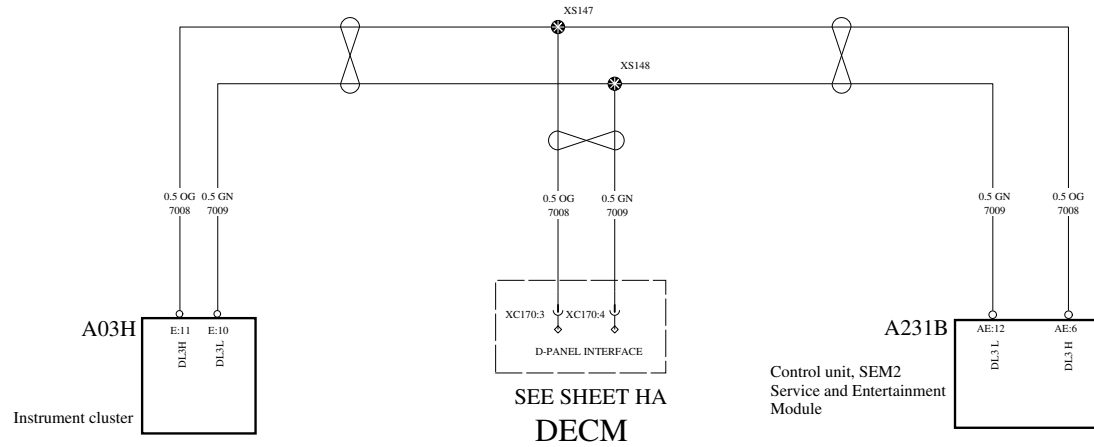
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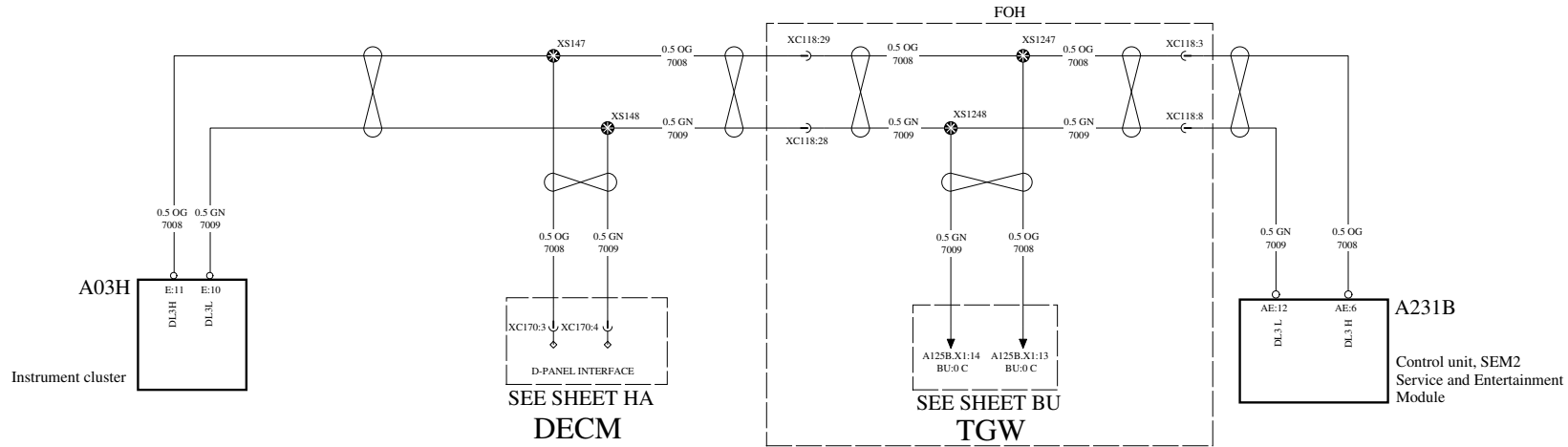
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INFOTAINMENT SUBNET REM WITHOUT TGW (744)



INFOTAINMENT SUBNET WITH REM/SEM AND TGW (745)



SWITCH TOPOLOGY

CAB SUBNET - LIN NETWORK

WIRING DIAGRAM SK

A

A

B

B

C

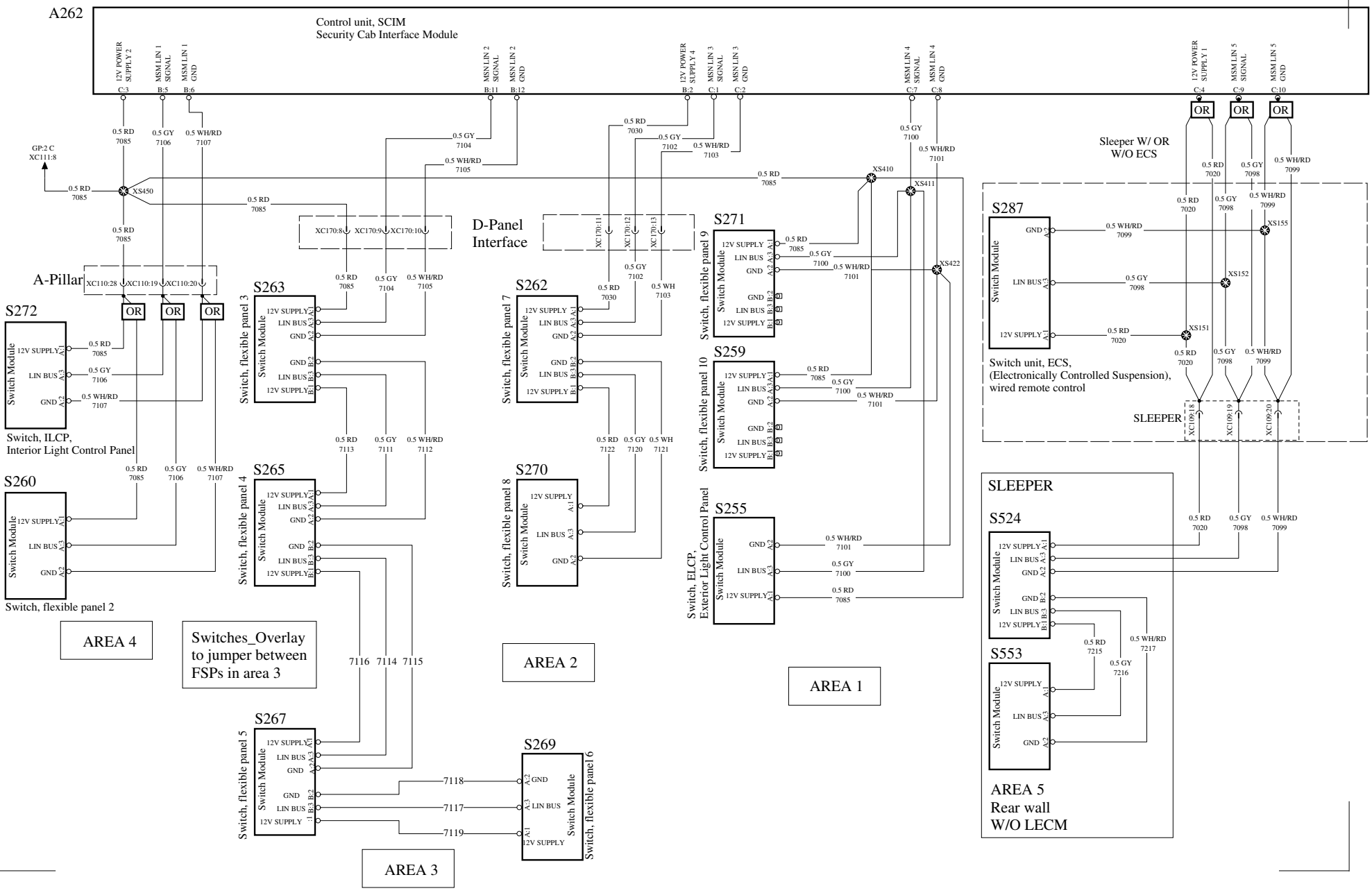
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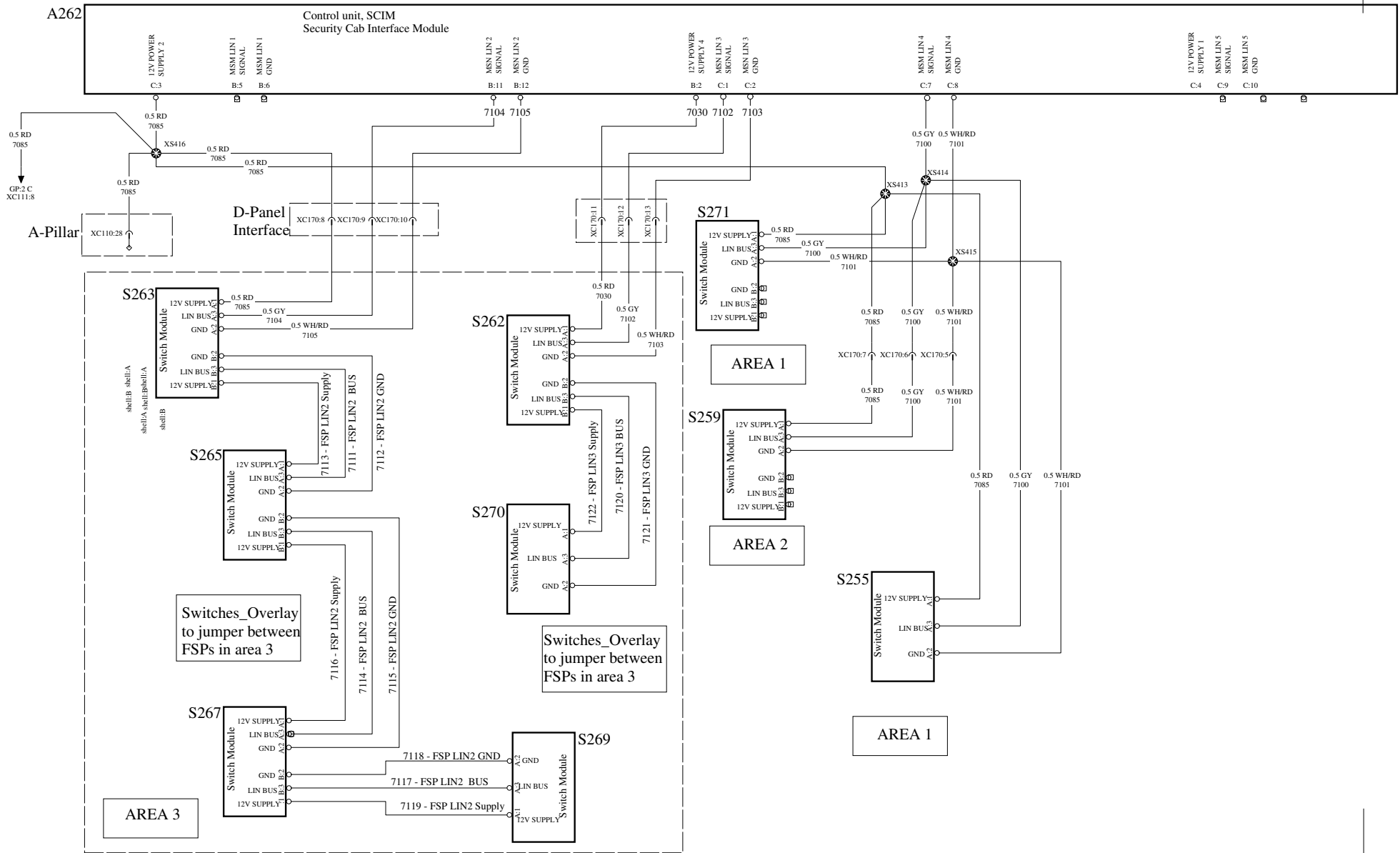
2

3

4

SWITCH TOPOLOGY MACK AREA 1 - 3

WIRING DIAGRAM SK1



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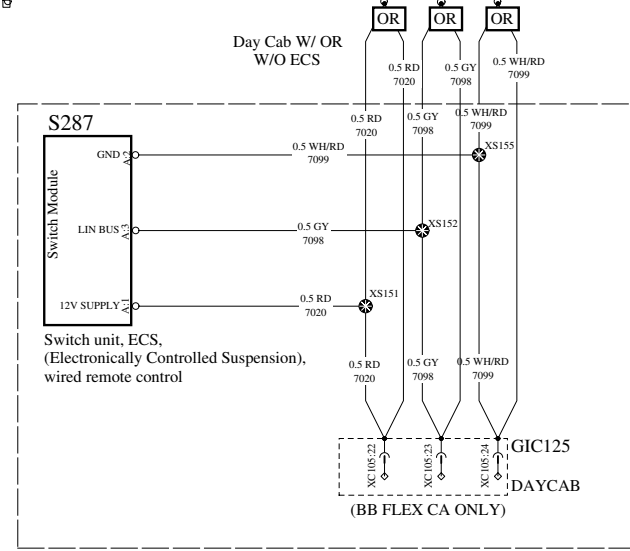
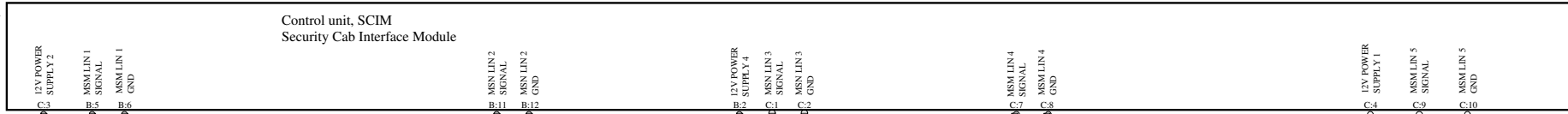
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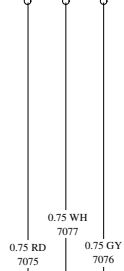
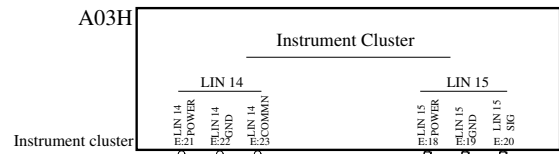
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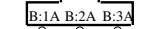
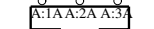
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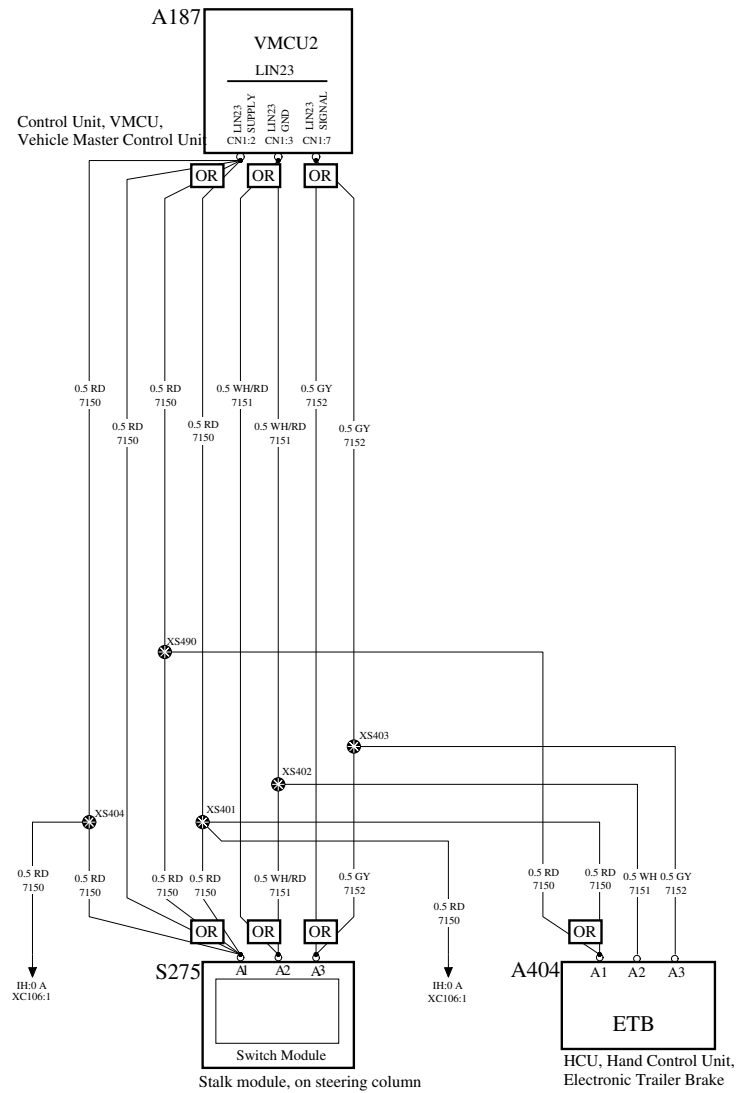
110 (125)

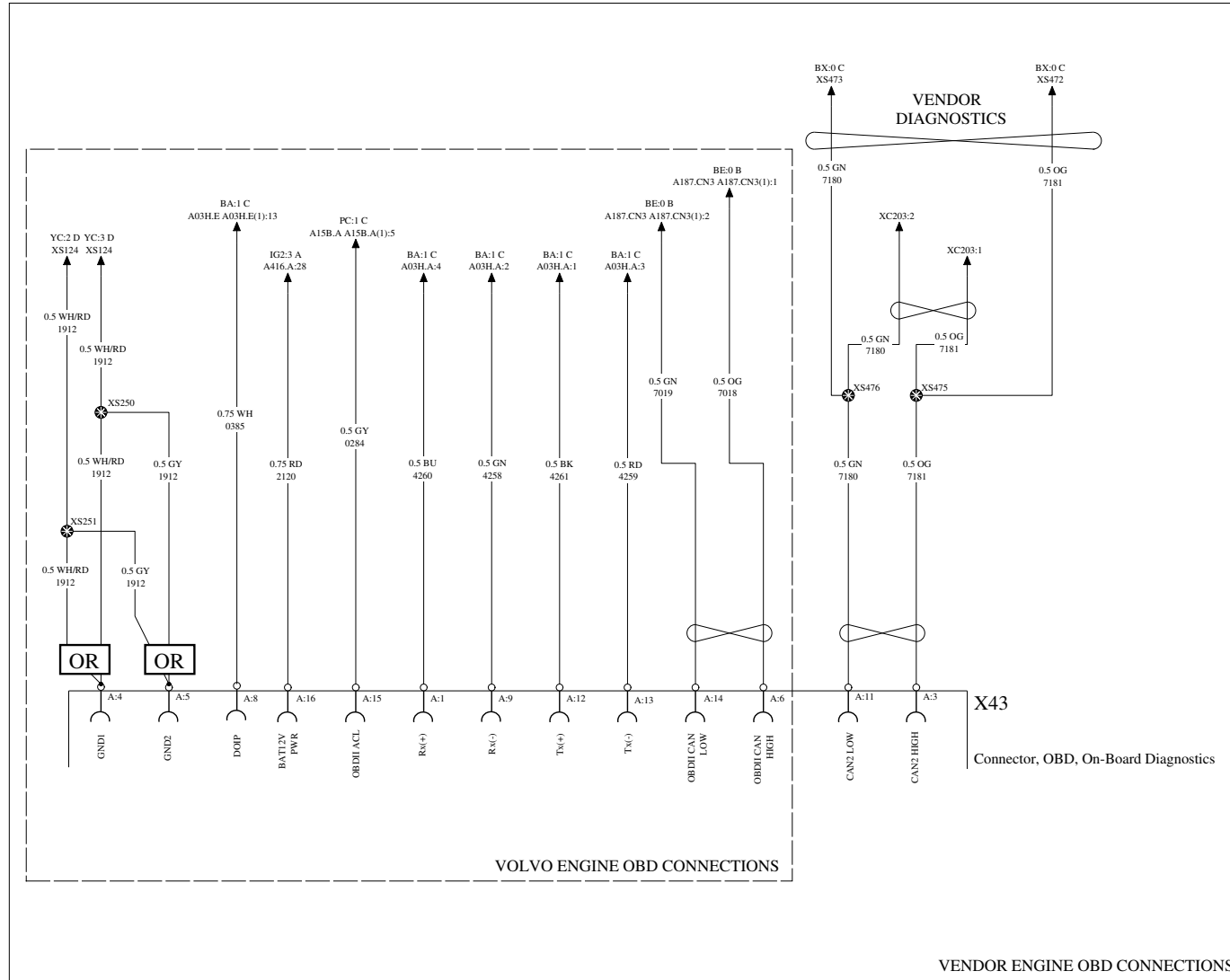


X115A
Contact reel,
airbag



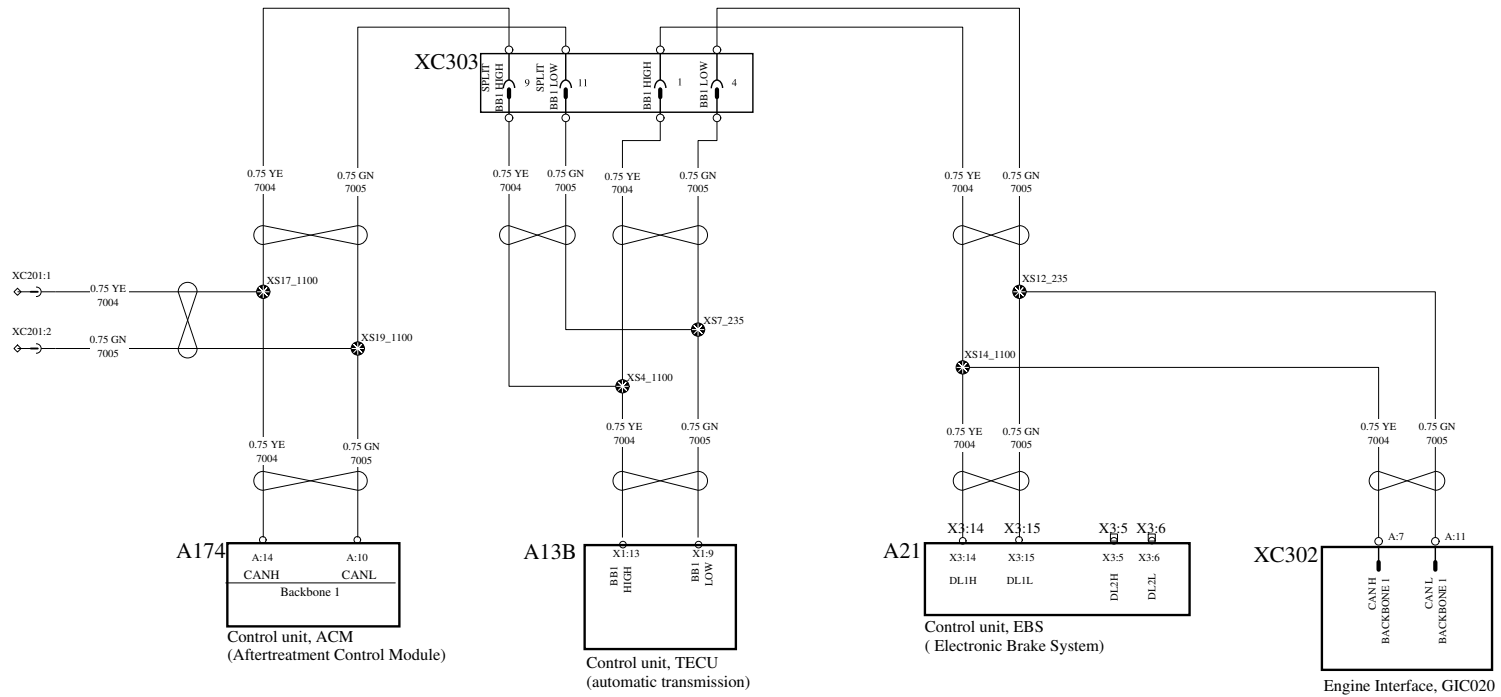
STEERING WHEEL SWITCHES (SWS)

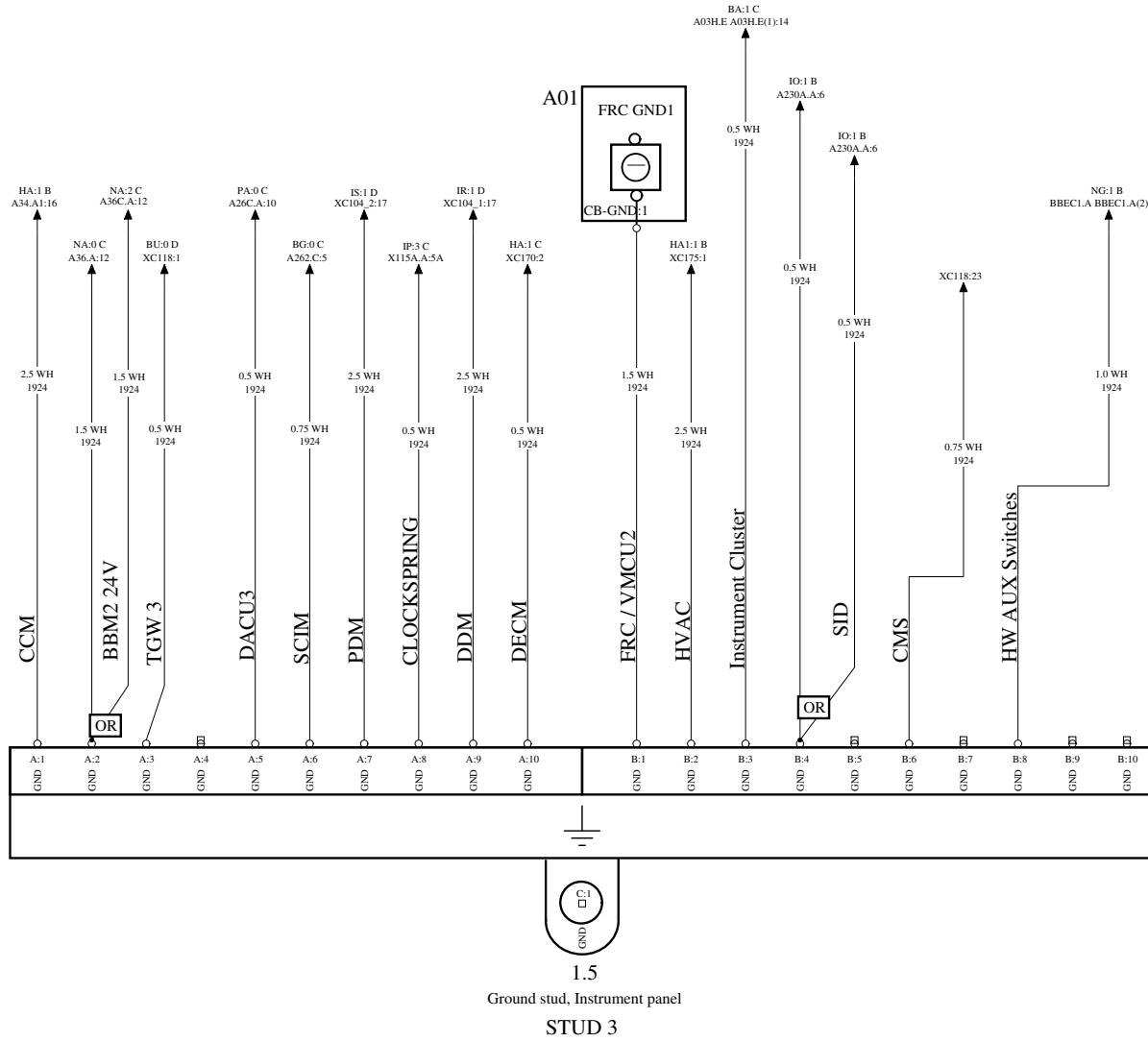




DL1 (J1939) VOLVO BASE TO GIC21 (101)

DL1 (J1939) VOLVO BASE FROM GIC21 (102)





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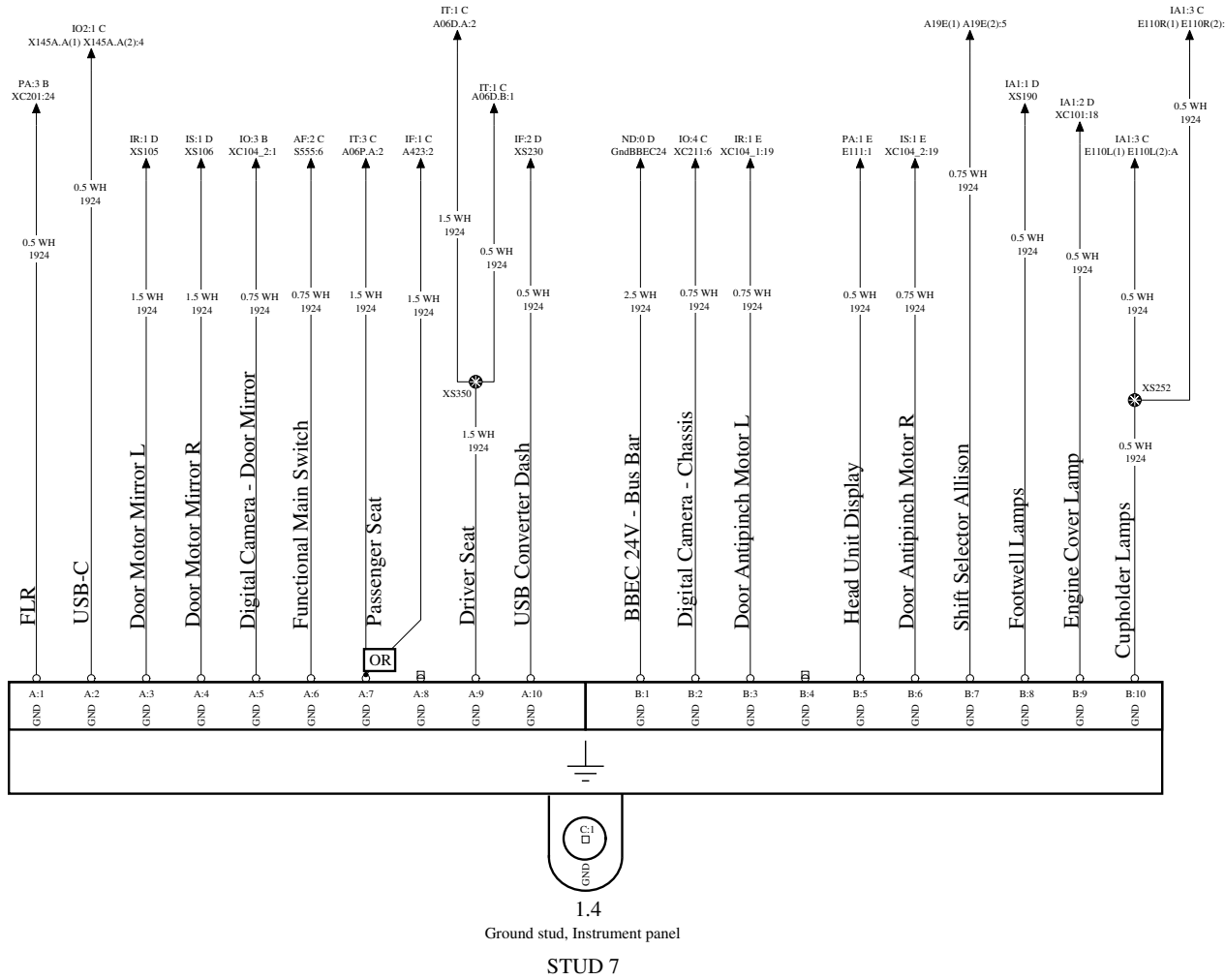
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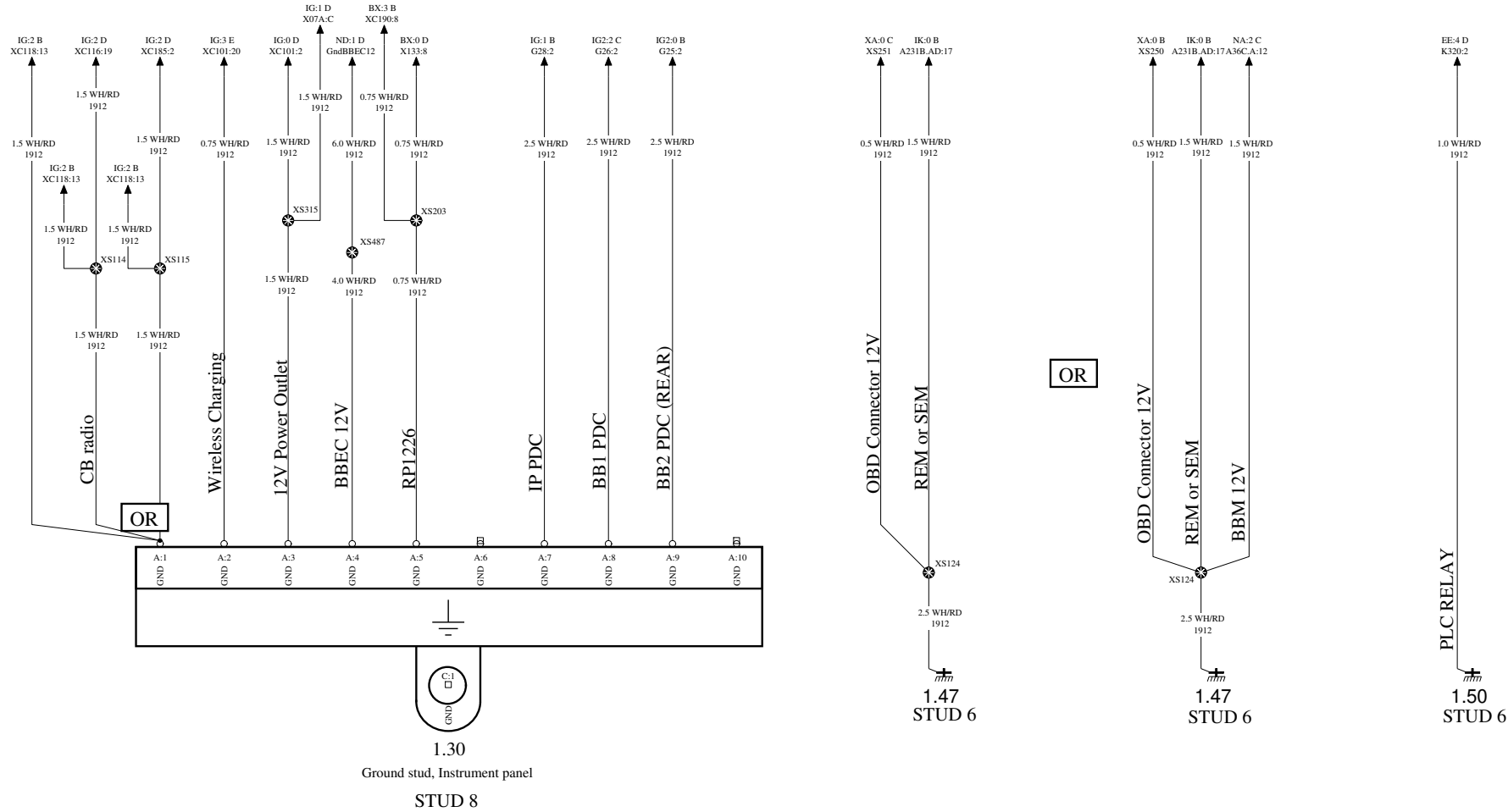
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BIW - CAB GROUND INSTUMENT PANEL

12V GND

WIRING DIAGRAM YC



V O L V O

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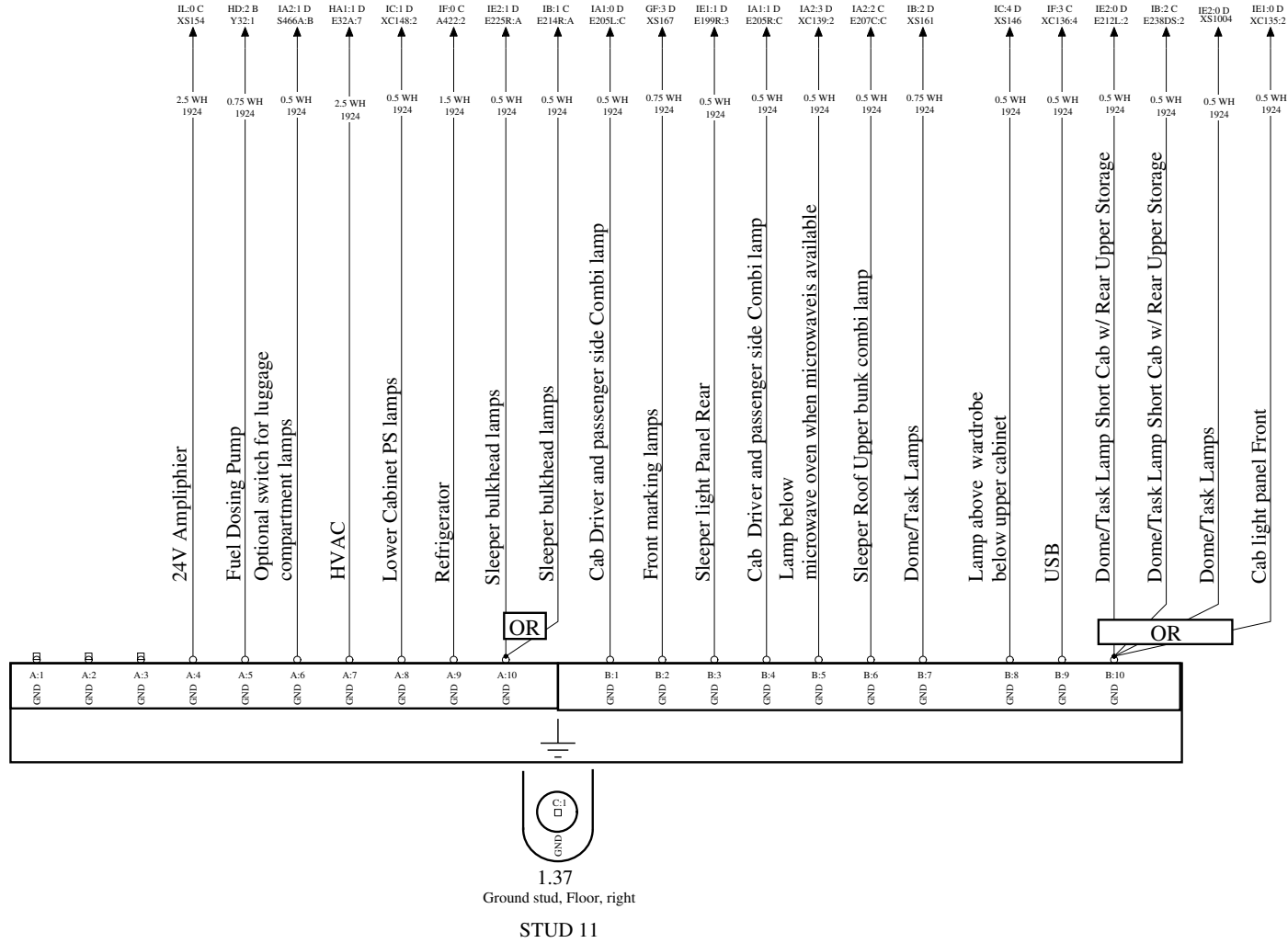
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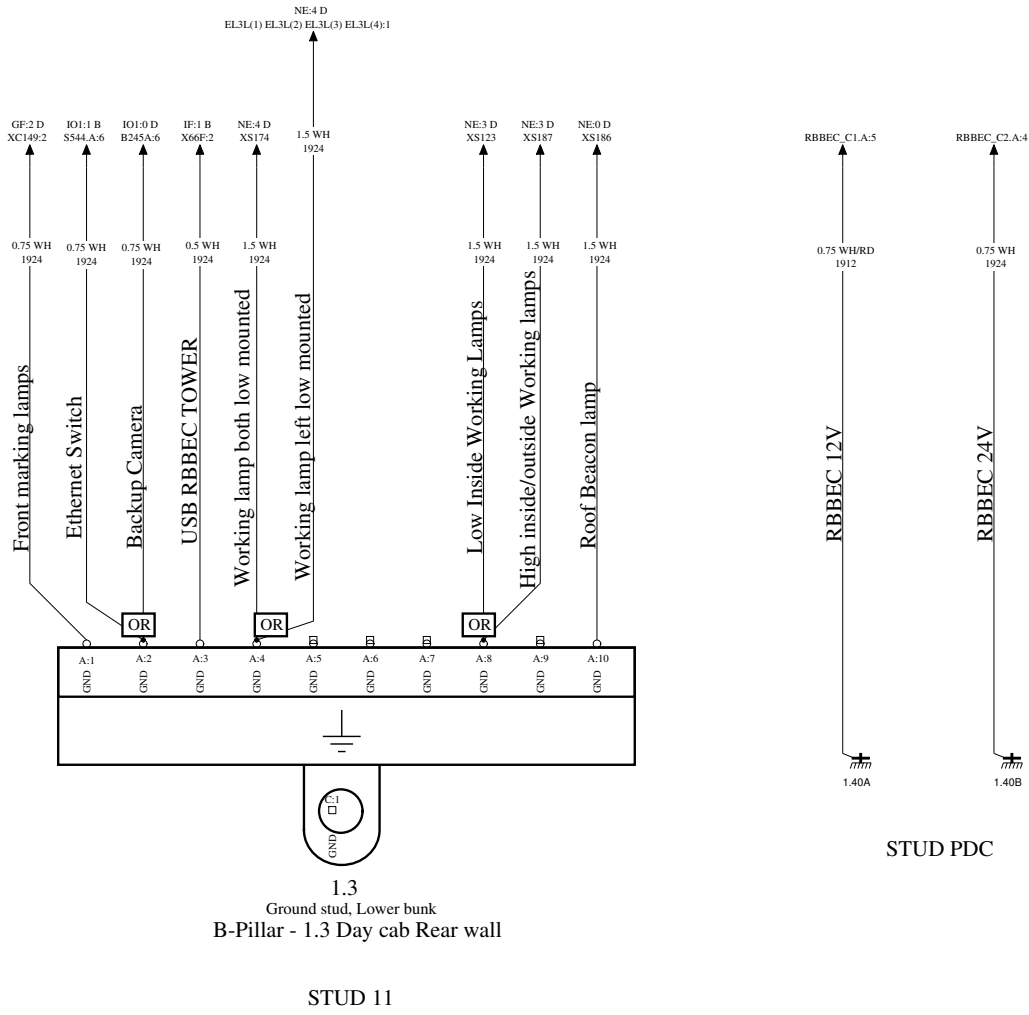
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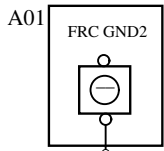
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CB-GND:2

4.0 WH
1924

FRC/VMCU

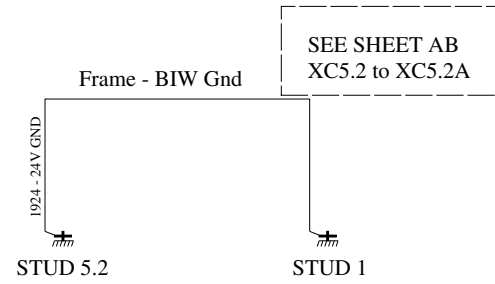
1.61
Power 24V GND
STUD 4

PC:1 D
XS471

1.0 WH
1924

SRS

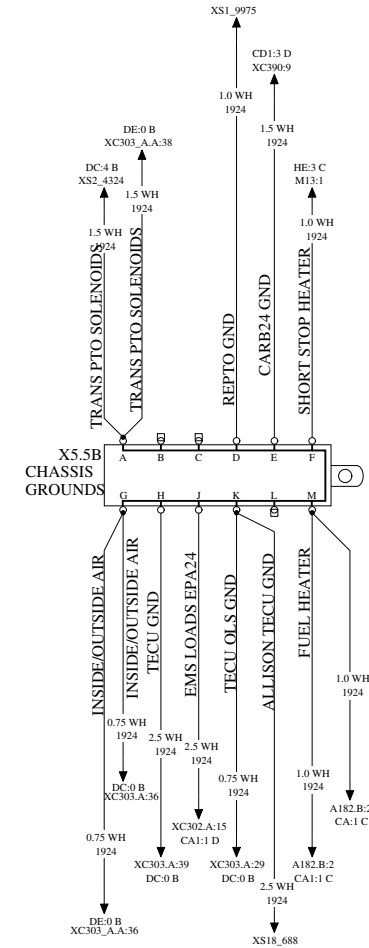
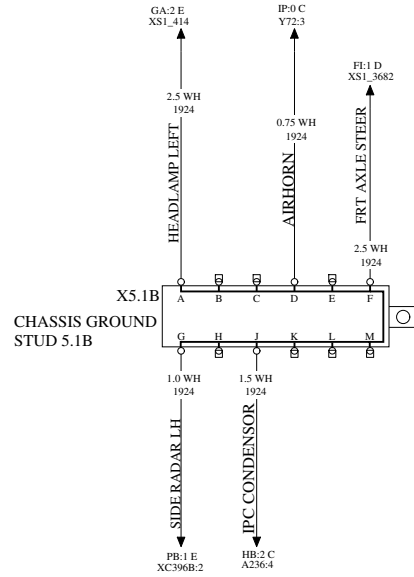
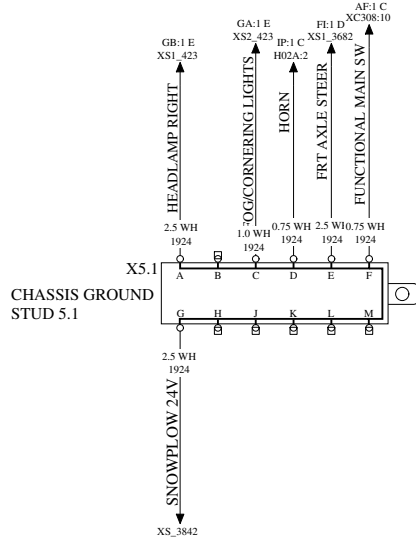
1.51
Signal 24V GND
STUD 5



CHASSIS GND

LEFT HAND FRAME

WIRING DIAGRAM YF



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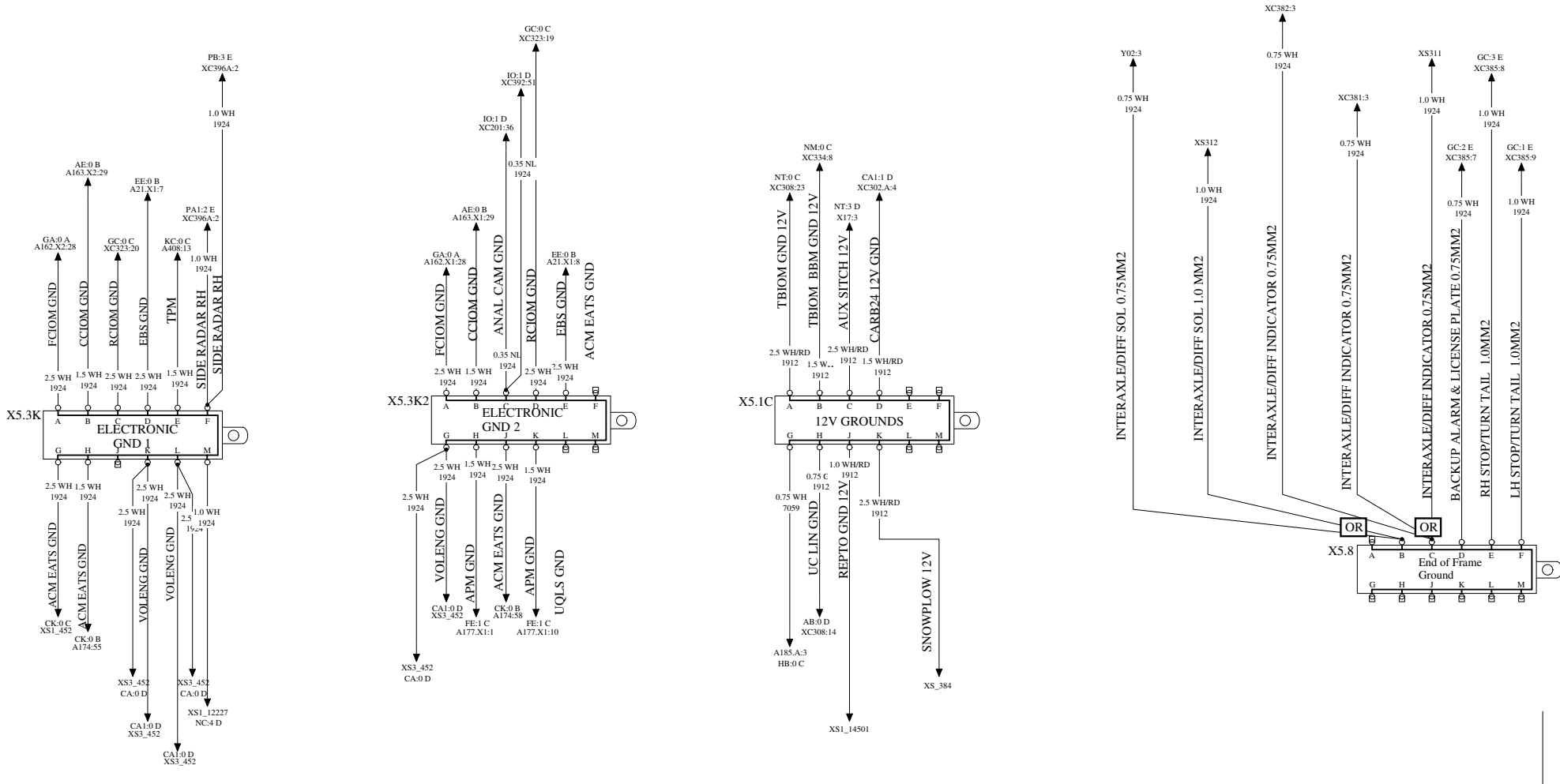
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CHASSIS GND

LEFT HAND FRAME

WIRING DIAGRAM YG



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0 CHASSIS GROUND

1 LEFT HAND FRAME

3 WIRING DIAGRAM YH

4

A

A

B

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V O L V O

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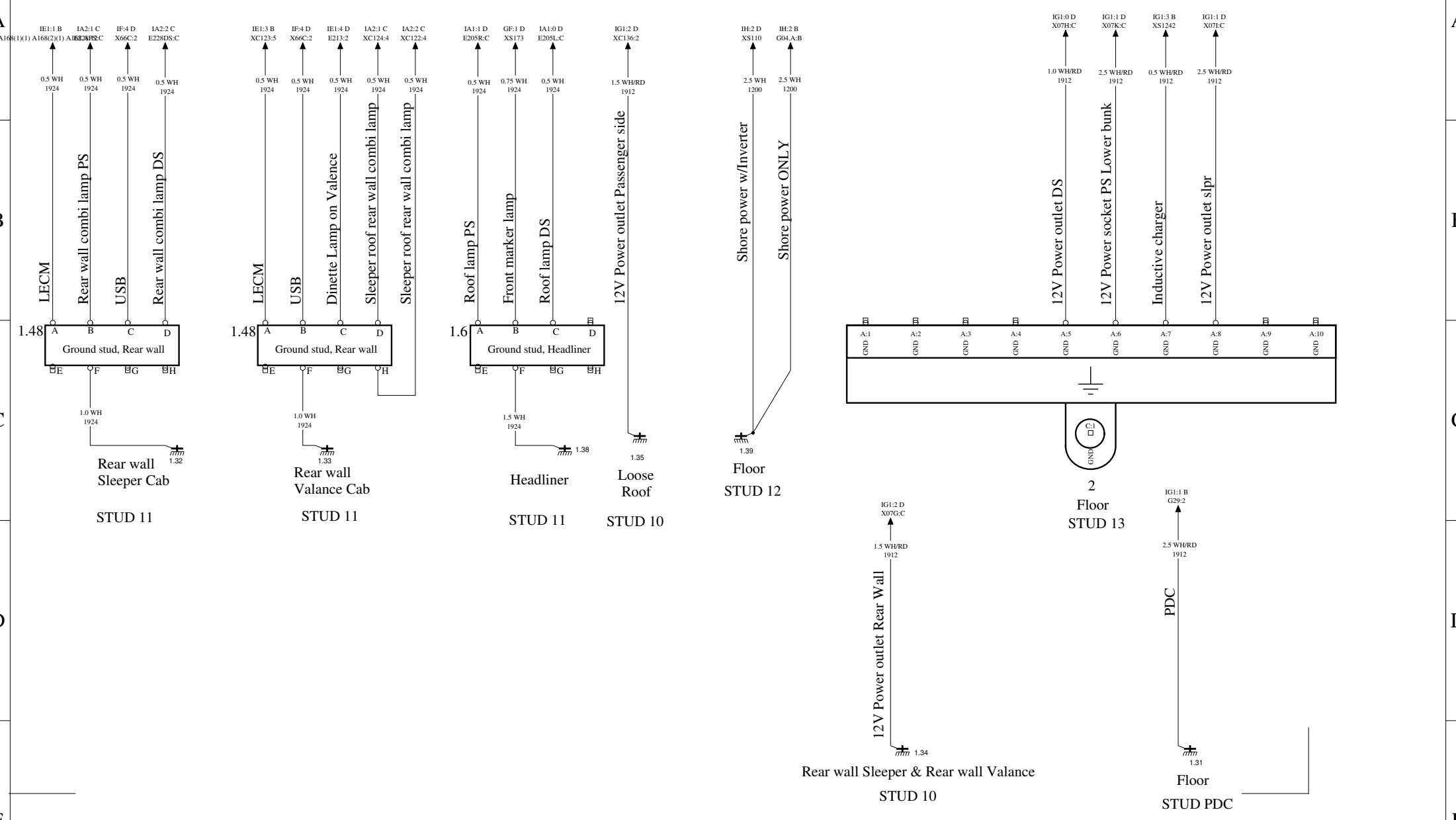
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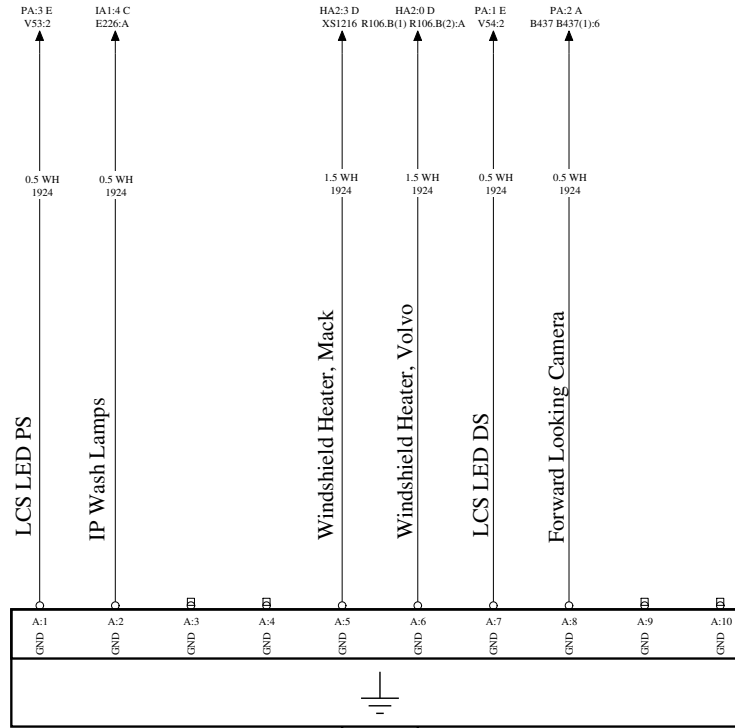
BIW - CAB GROUND

POWER 12V GND

WIRING DIAGRAM YJ



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1.8
Ground stud, Front shelf
Front Overhead
STUD 9



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