

# Service Journal

TITLE:

**Aftermarket Wiring Diagrams XC40 and C40 MY23**

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<b>CATEGORY:</b>	<b>SUBCATEGORY:</b>	<b>CAR MARKET:</b> United States and Canada
<b>ISSUE DATE:</b> 2022-07-22	<b>STATUS DATE:</b> 2022-07-22	<b>Page 1 of 150</b>

**“Right first time in Time”**

As a result of delays in the production of aftermarket wiring diagrams, no wiring diagrams will be available in VIDA by start of production for MY23 CMA (2022 week 22).

Models included:

XC40 Battery Electric Vehicle, XC40 Non-Battery Electric Vehicle, C40

**Temporary Solution:**

Refer to system based wiring diagrams from R&D attached as a PDF.


**Final Solution**

Customer function based wiring diagrams will continuously be released to VIDA once they are finished.

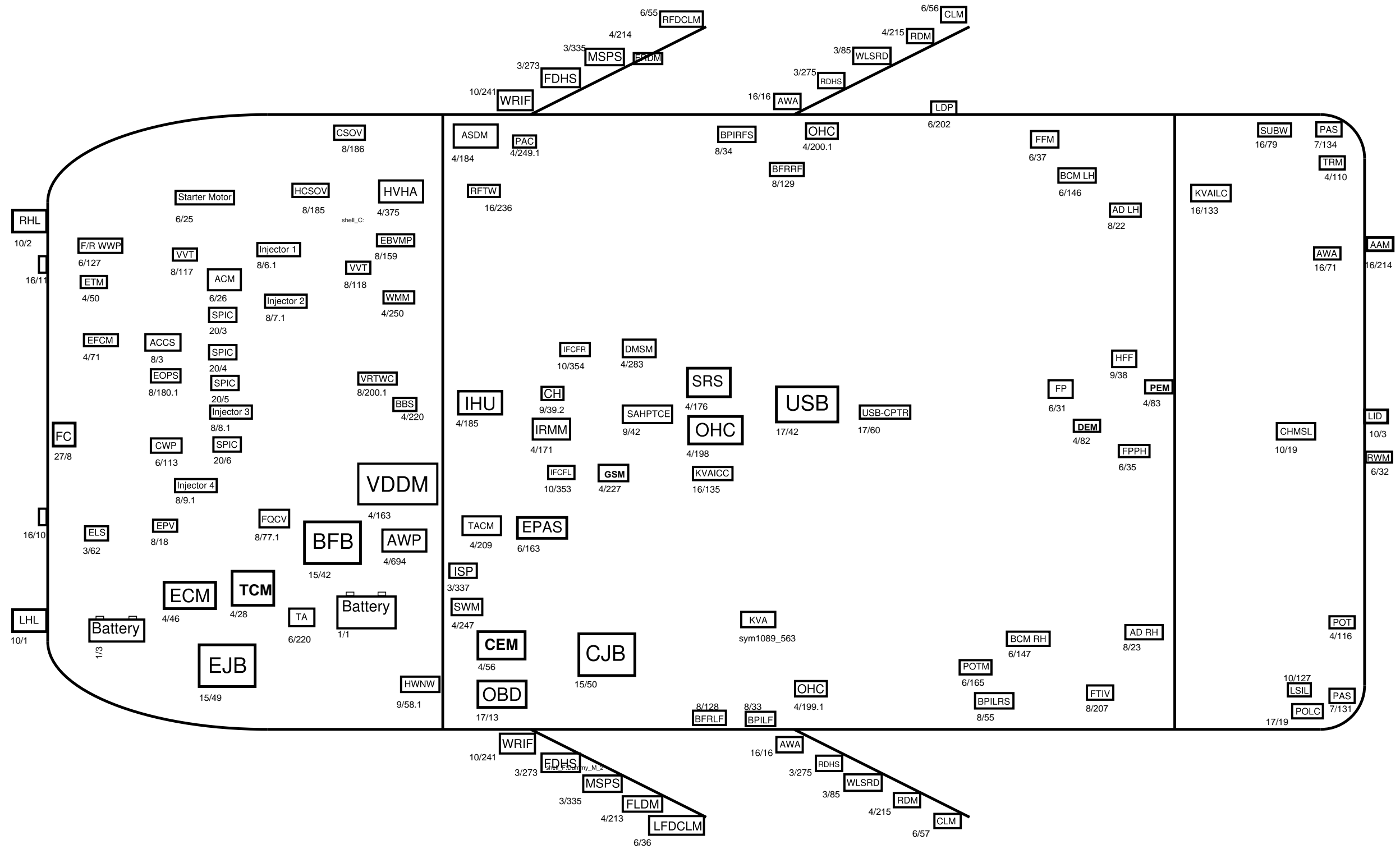
# P319/V316/V317

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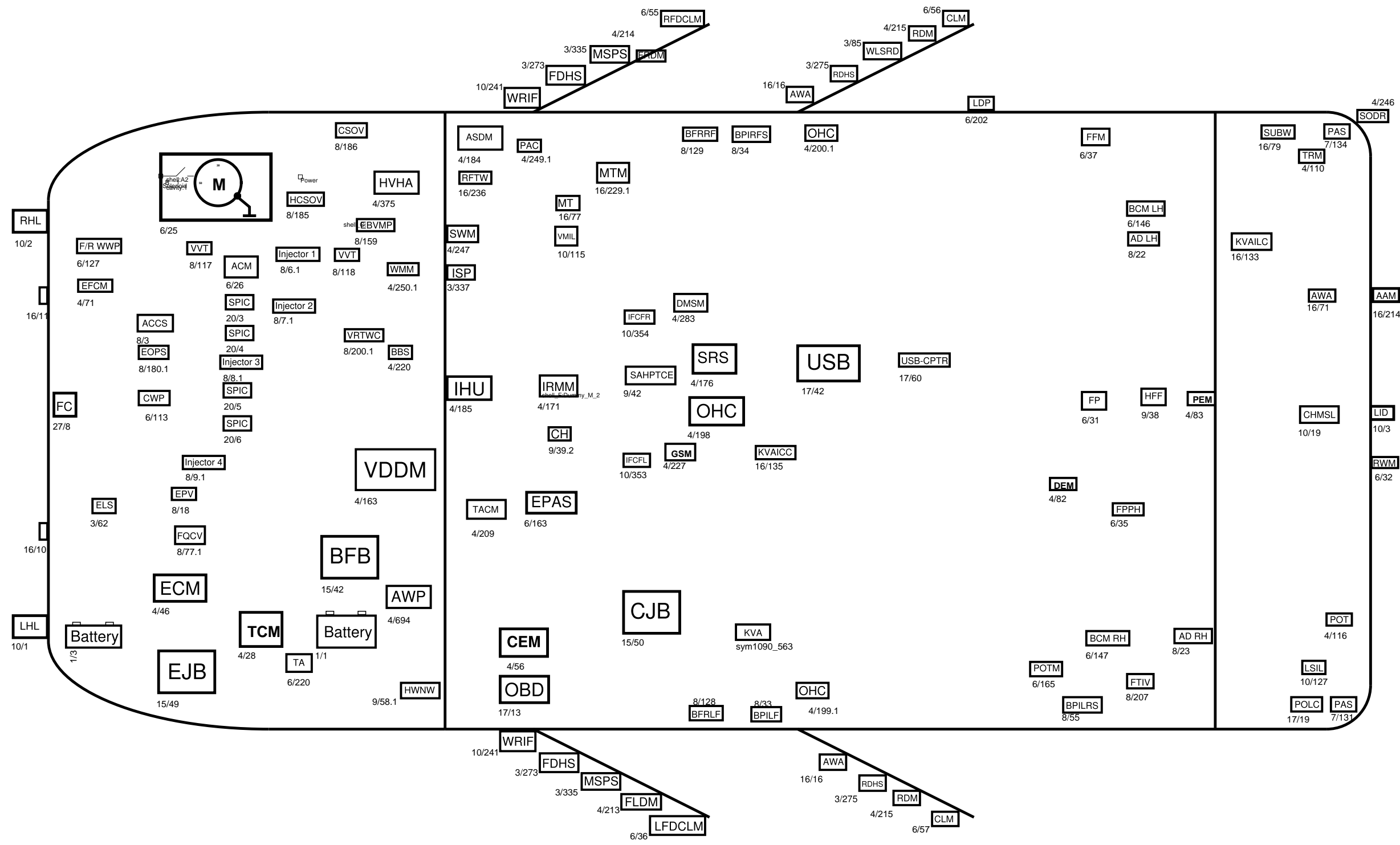
# 0B Overview LHD



shell\_C1:30682003  
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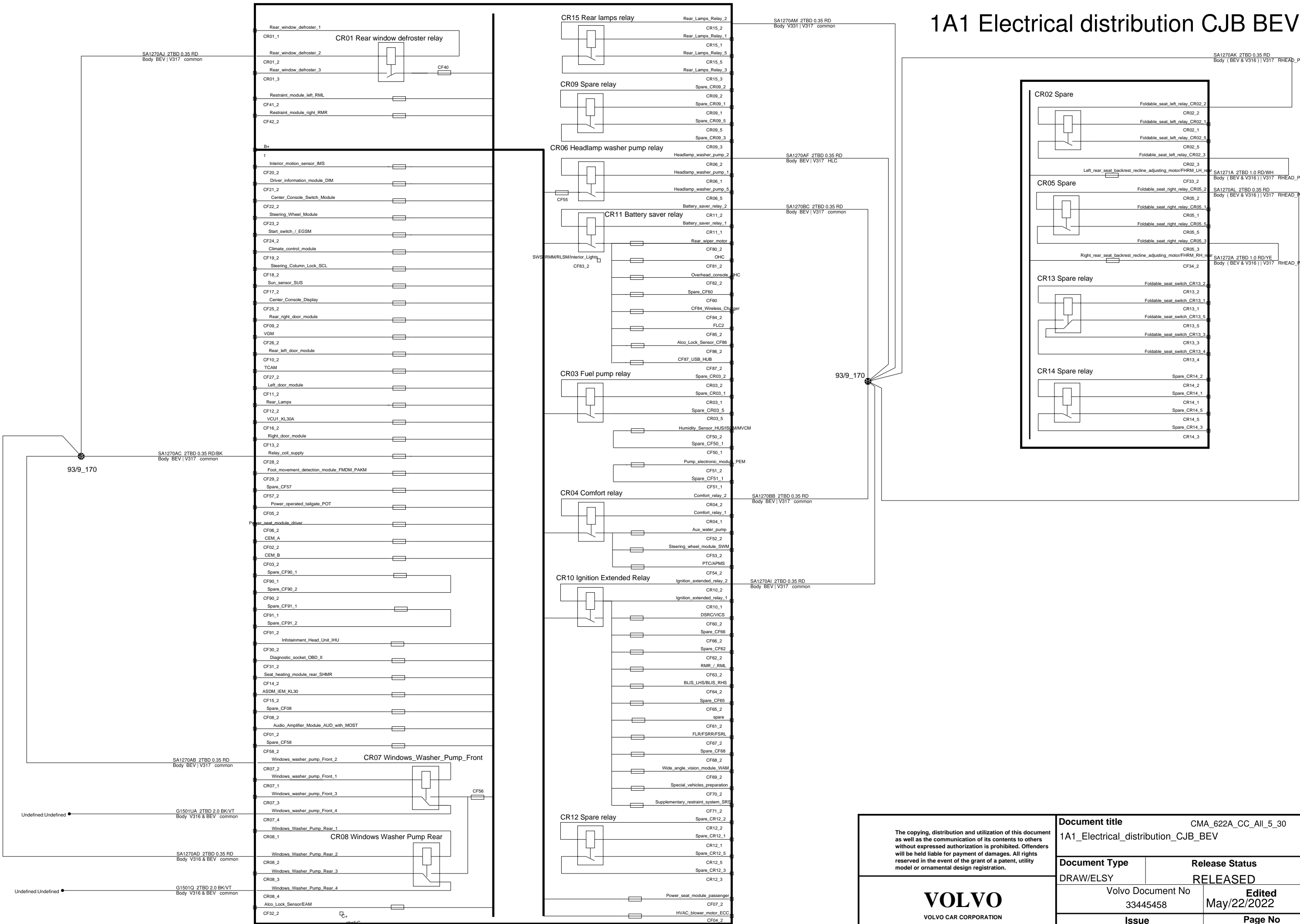
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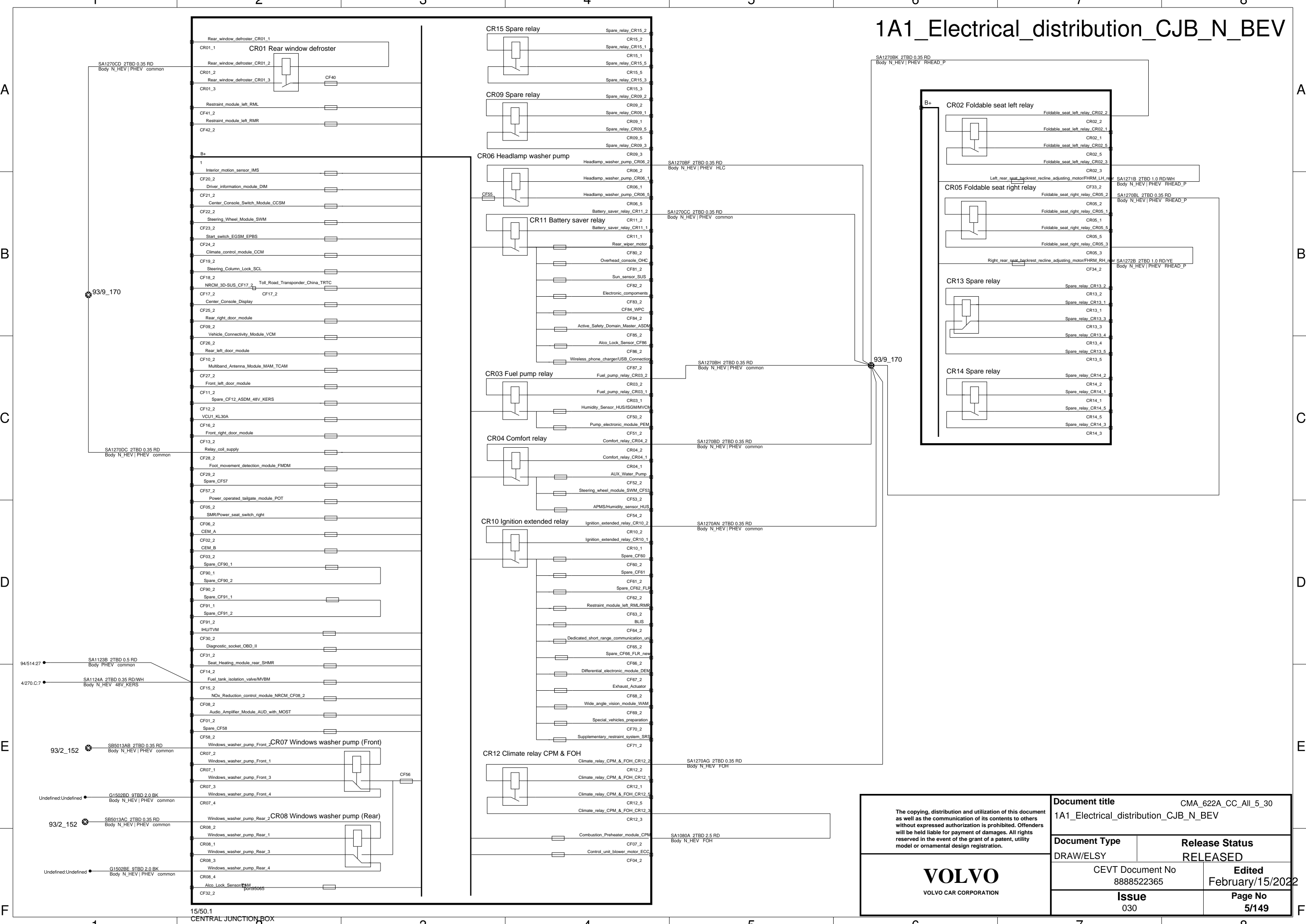
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# 1A1 Electrical distribution CJB BEV



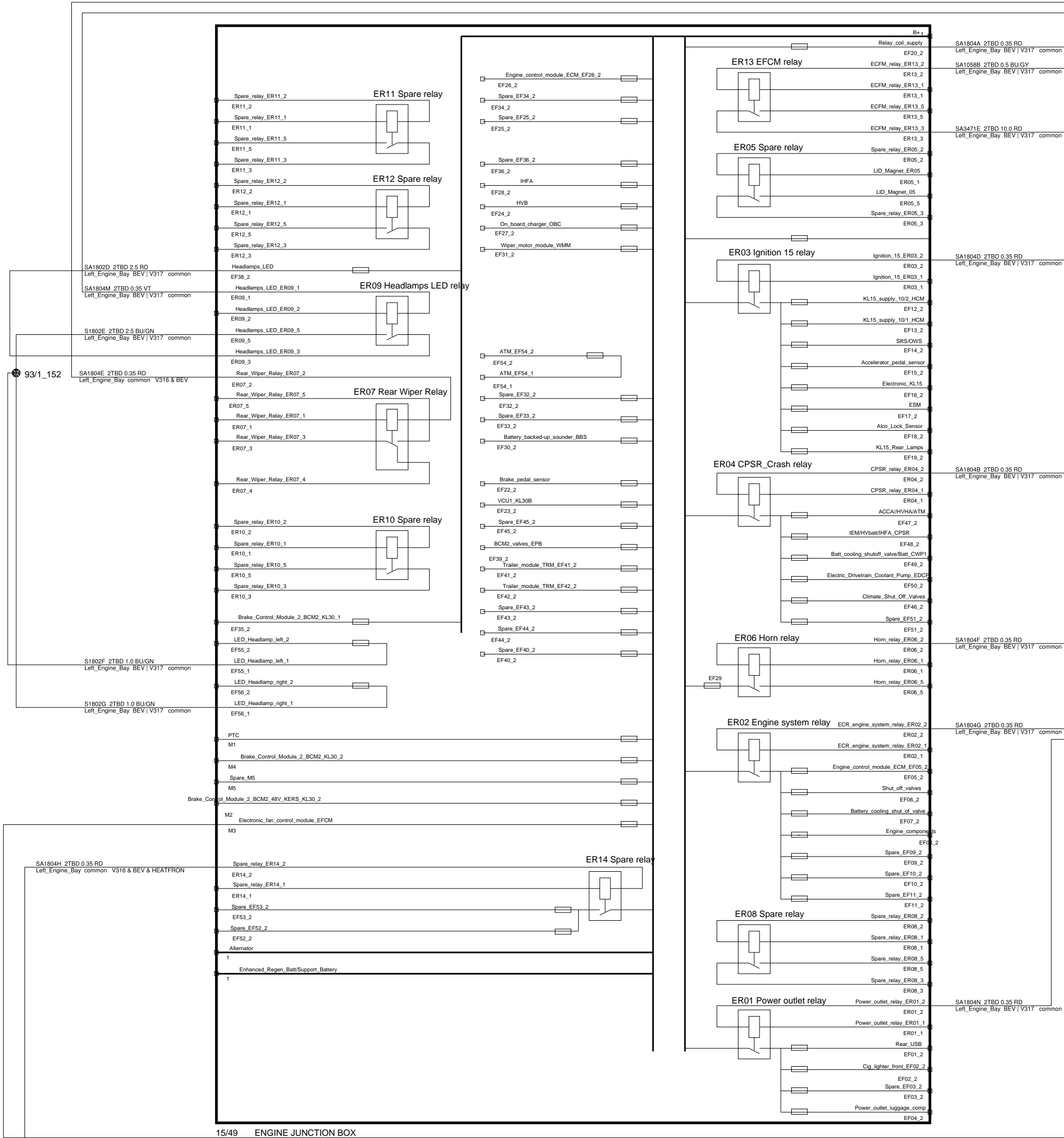
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# 1A1\_Electrical\_distribution\_CJB\_N\_BEV



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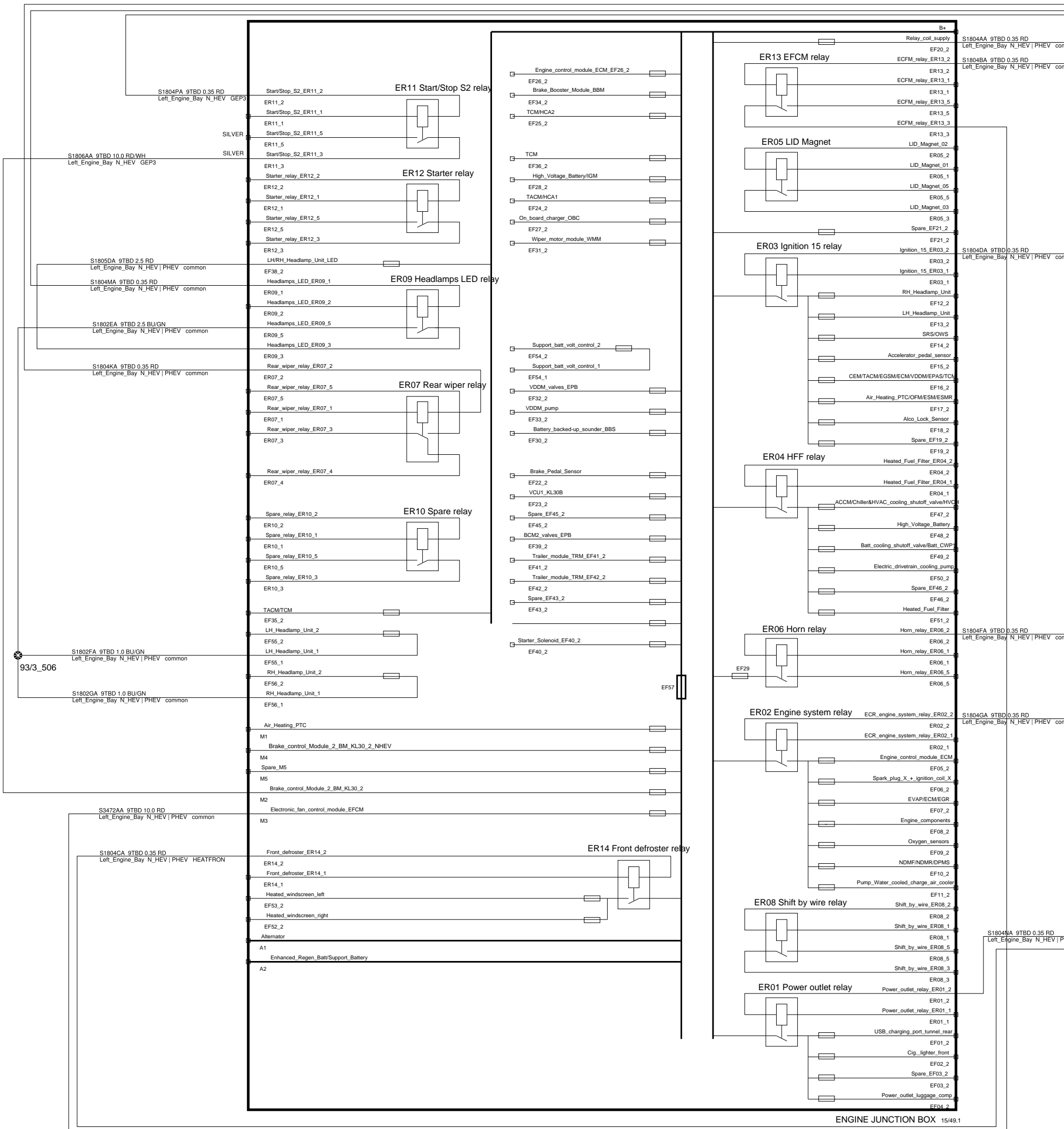
# 1A1 Electrical distribution EJB BEV




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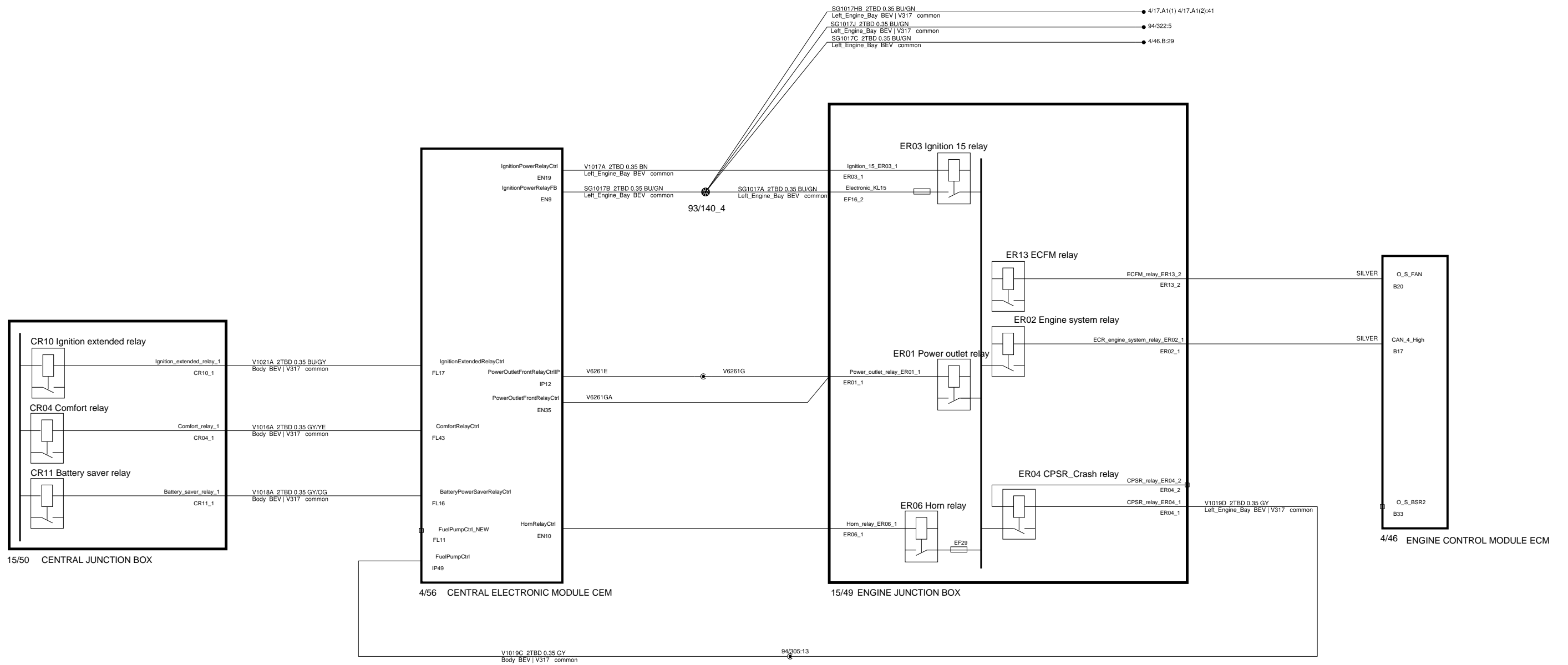
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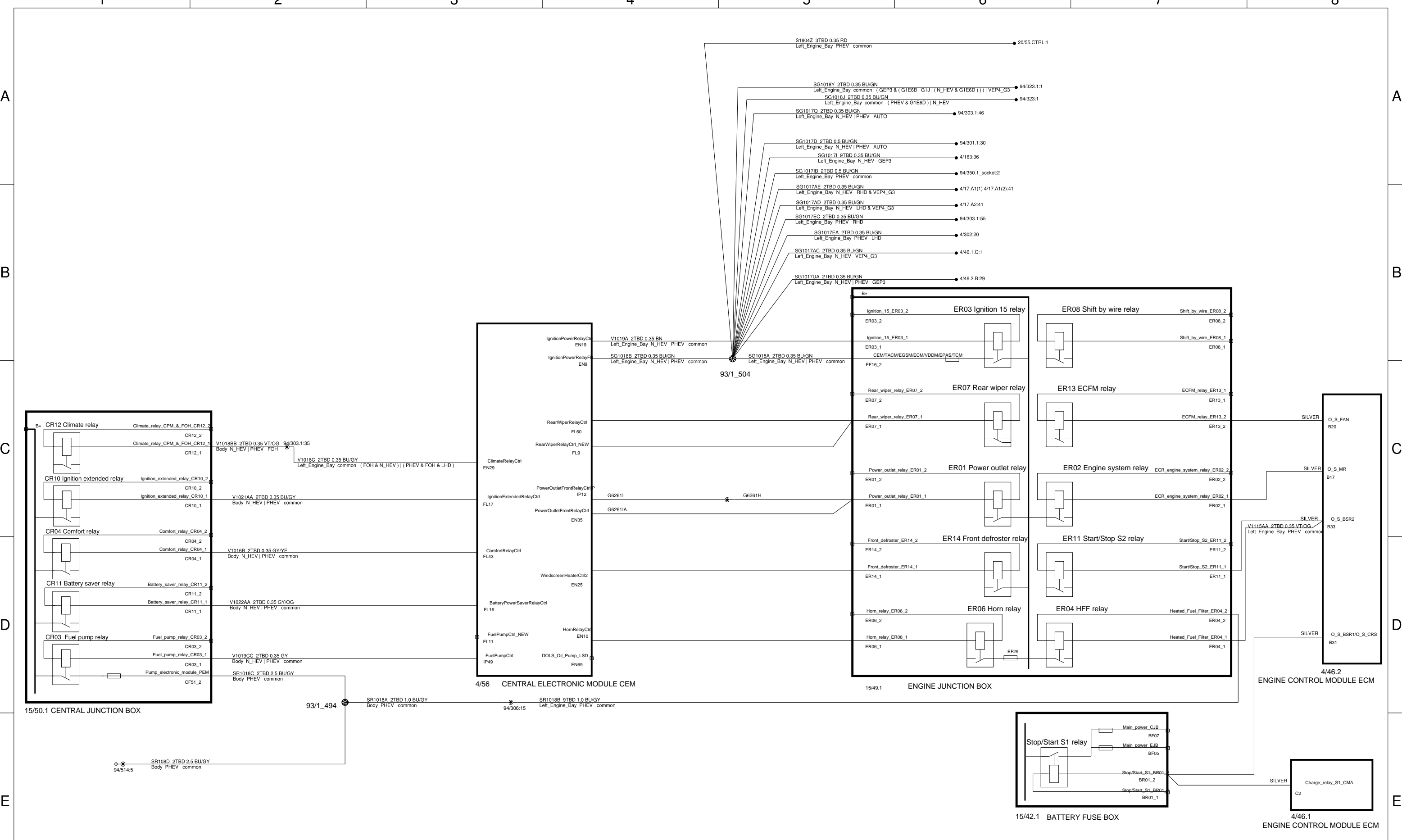
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# 1A3 System relays control

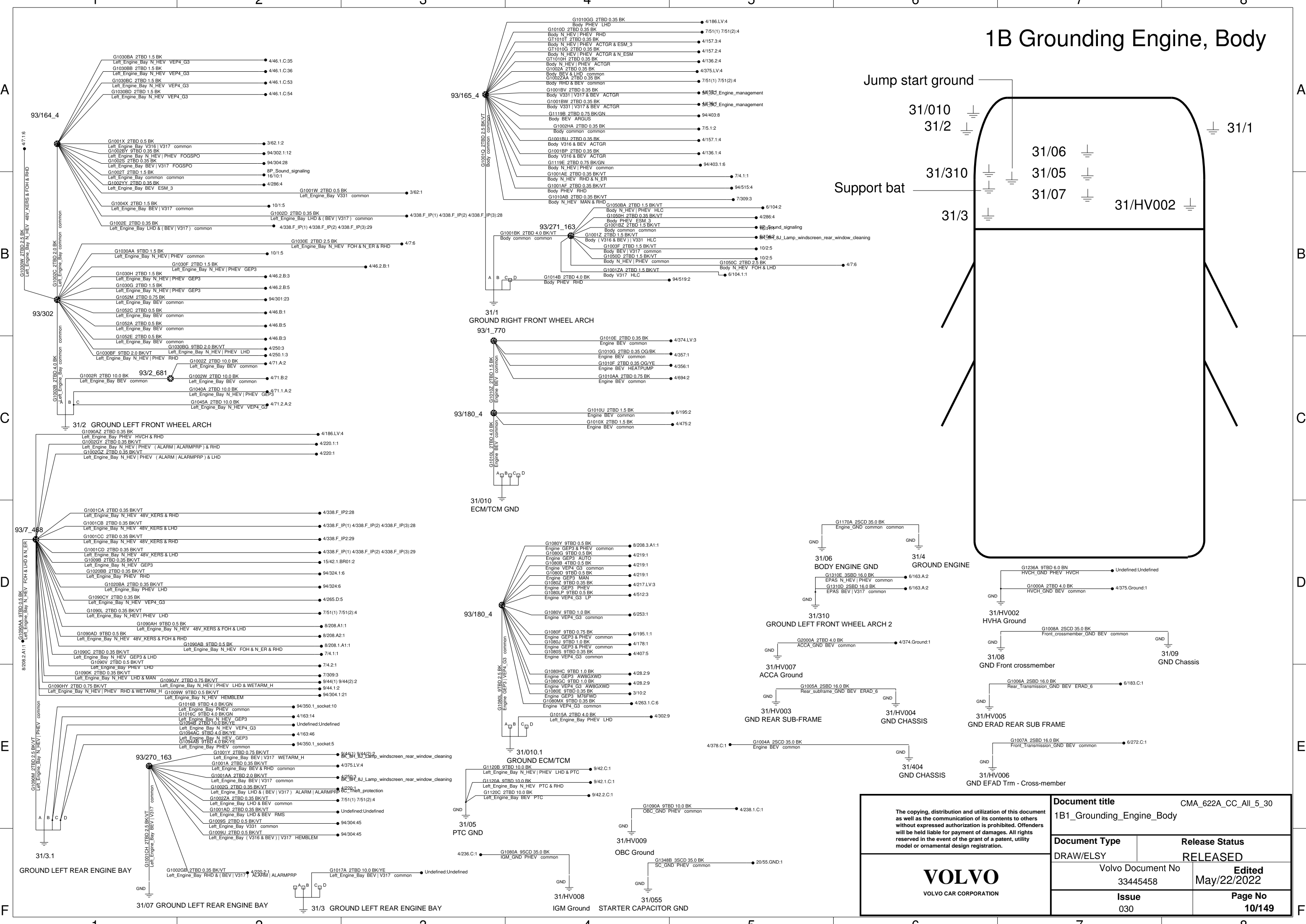


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# 1B Grounding Engine, Body

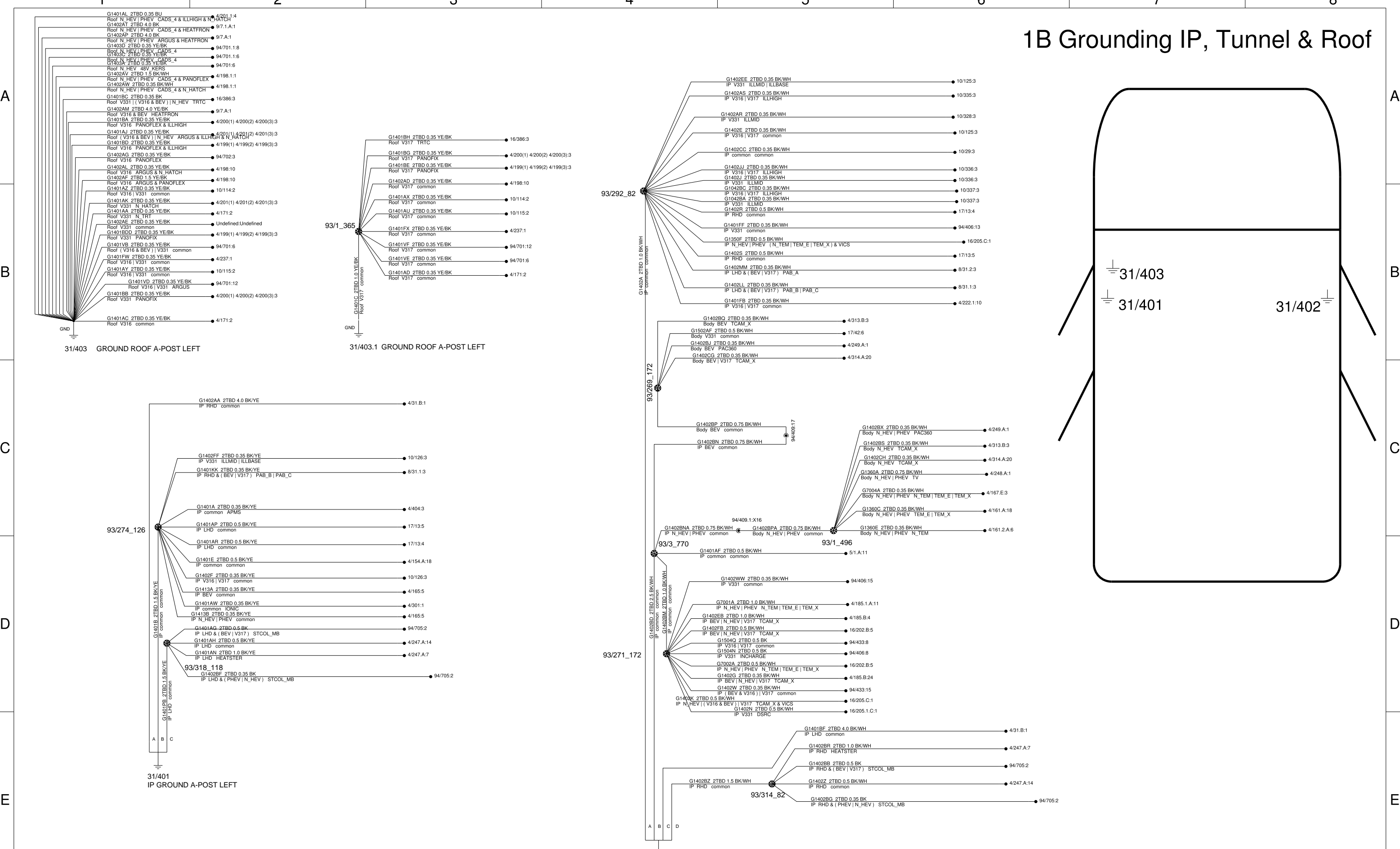


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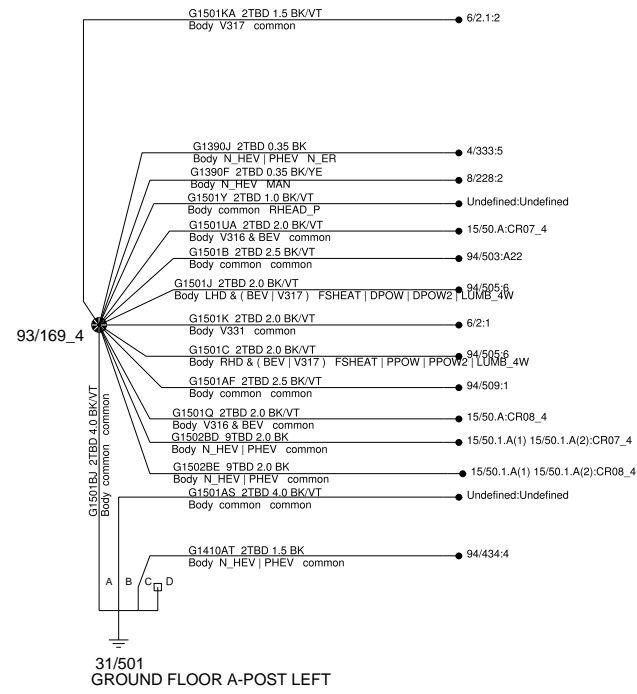
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# 1B Grounding IP, Tunnel & Roof

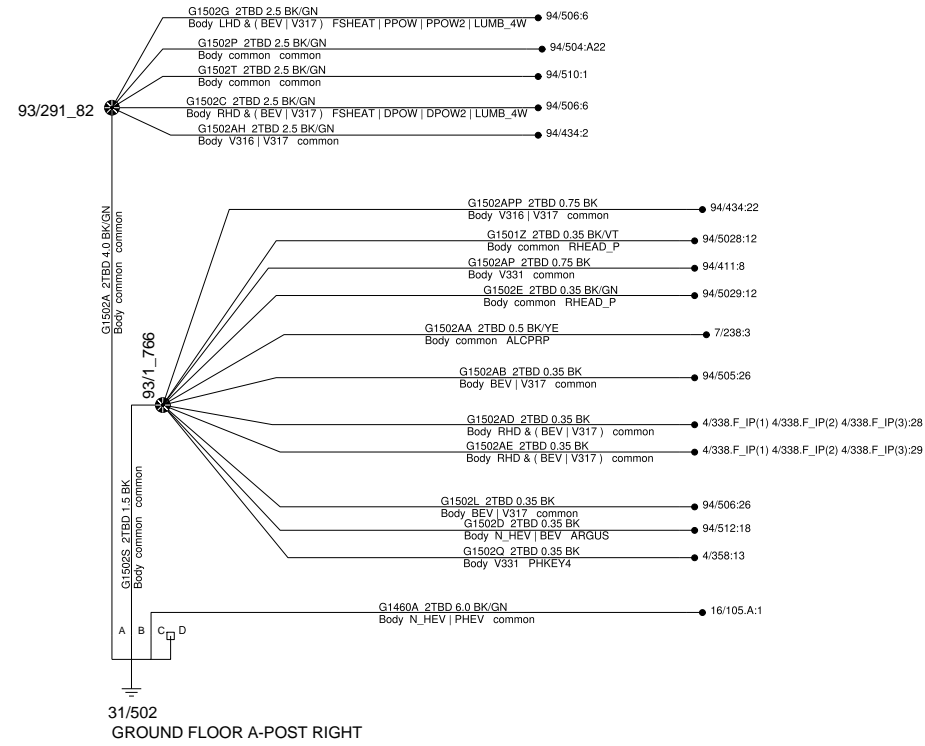


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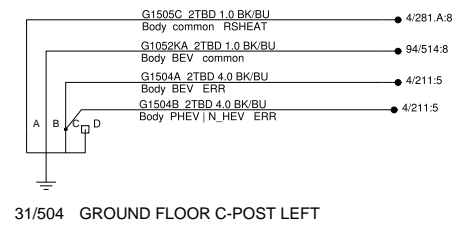
# 1B Grounding Body Front



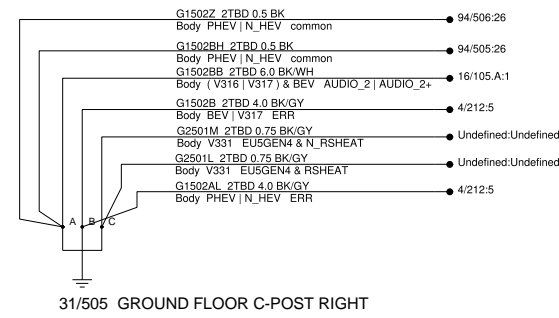
31/501  
GROUND FLOOR A-POST LEFT



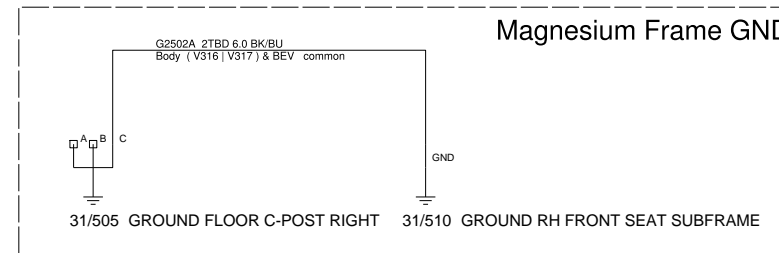
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GROUND FLOOR A-POST RIGHT



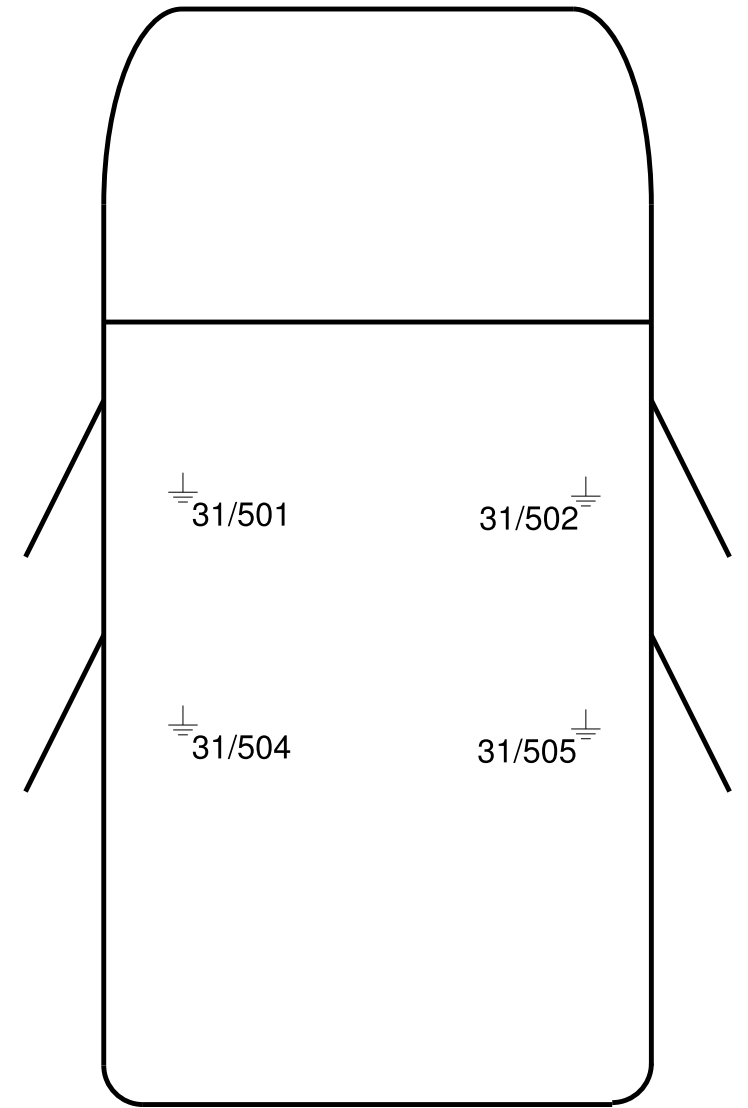
31/504  
GROUND FLOOR C-POST LEFT



31/505  
GROUND FLOOR C-POST RIGHT



Magnesium Frame GND



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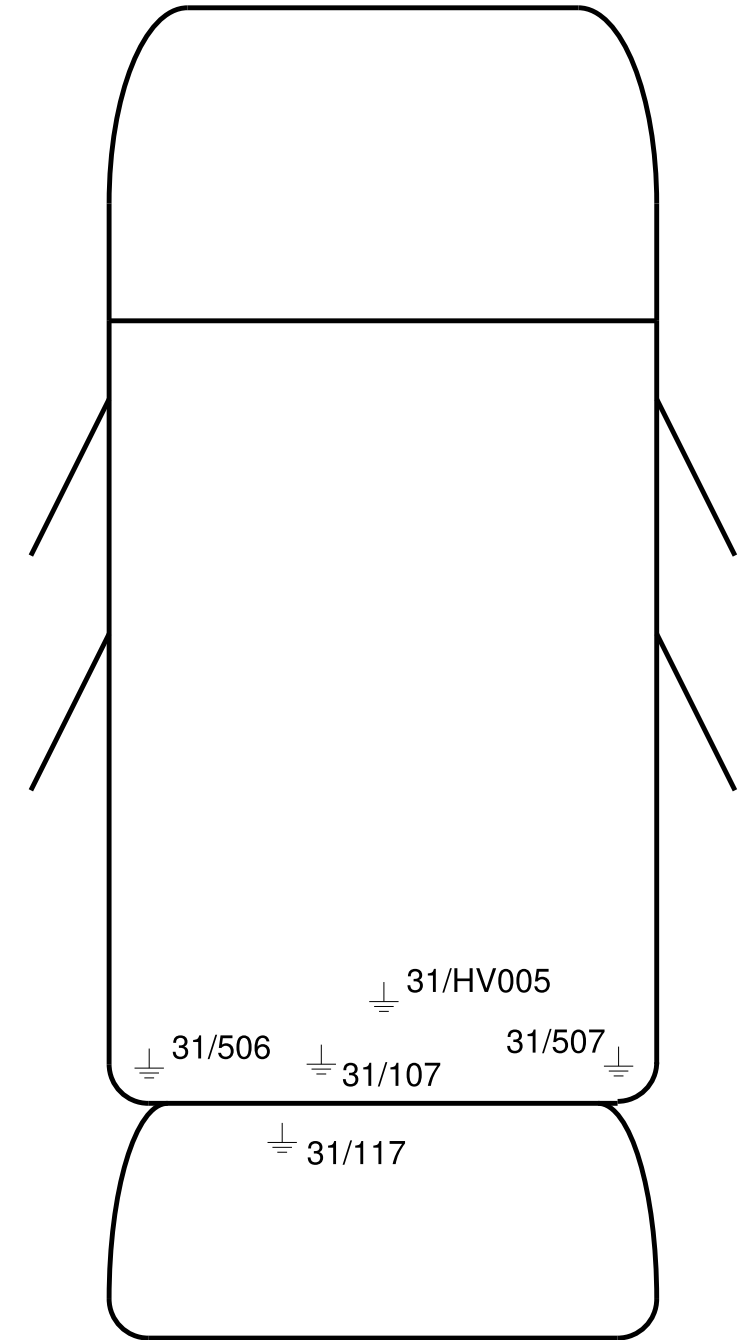
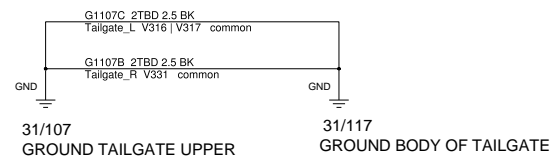
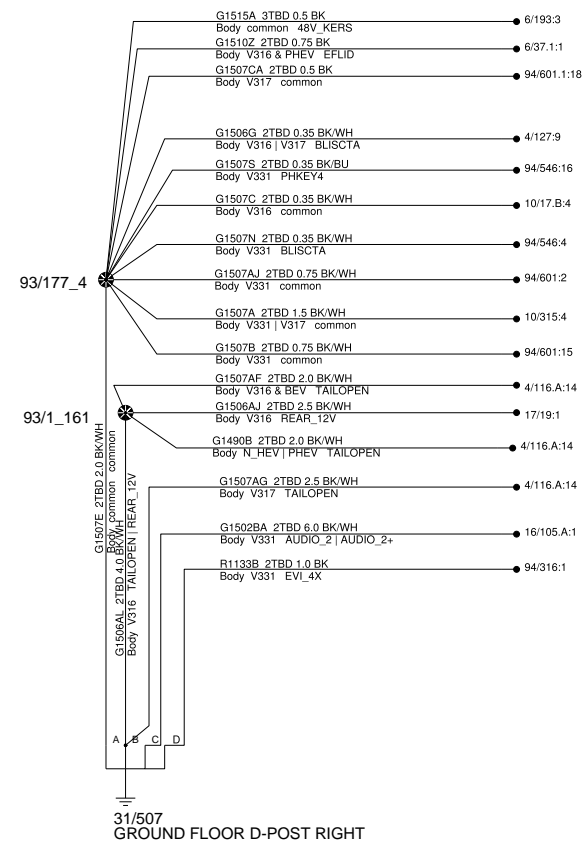
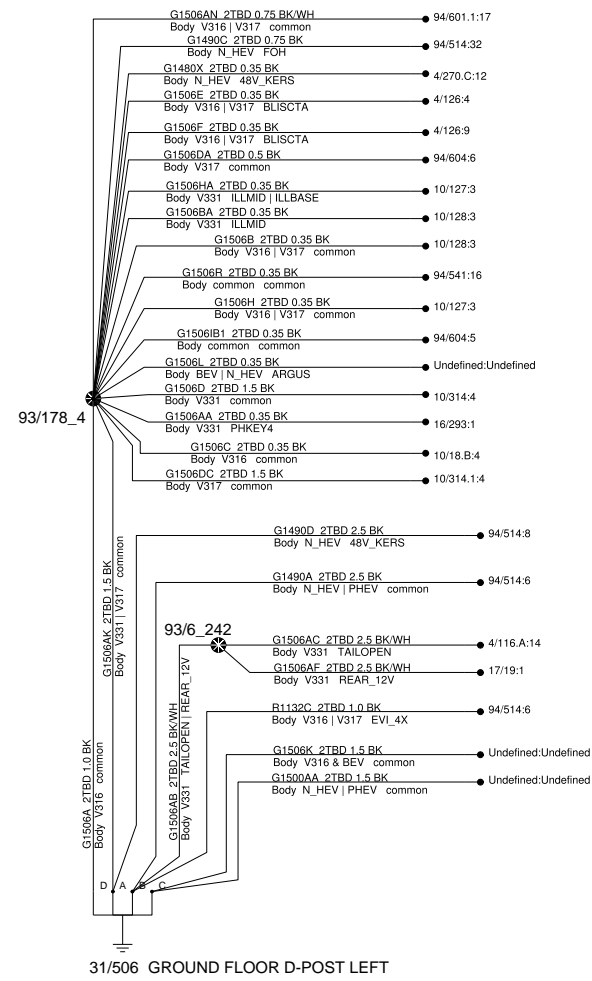
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1B3\_Grounding\_Body\_Front

**Document Type** DRAW/ELSY  
**Release Status** RELEASED

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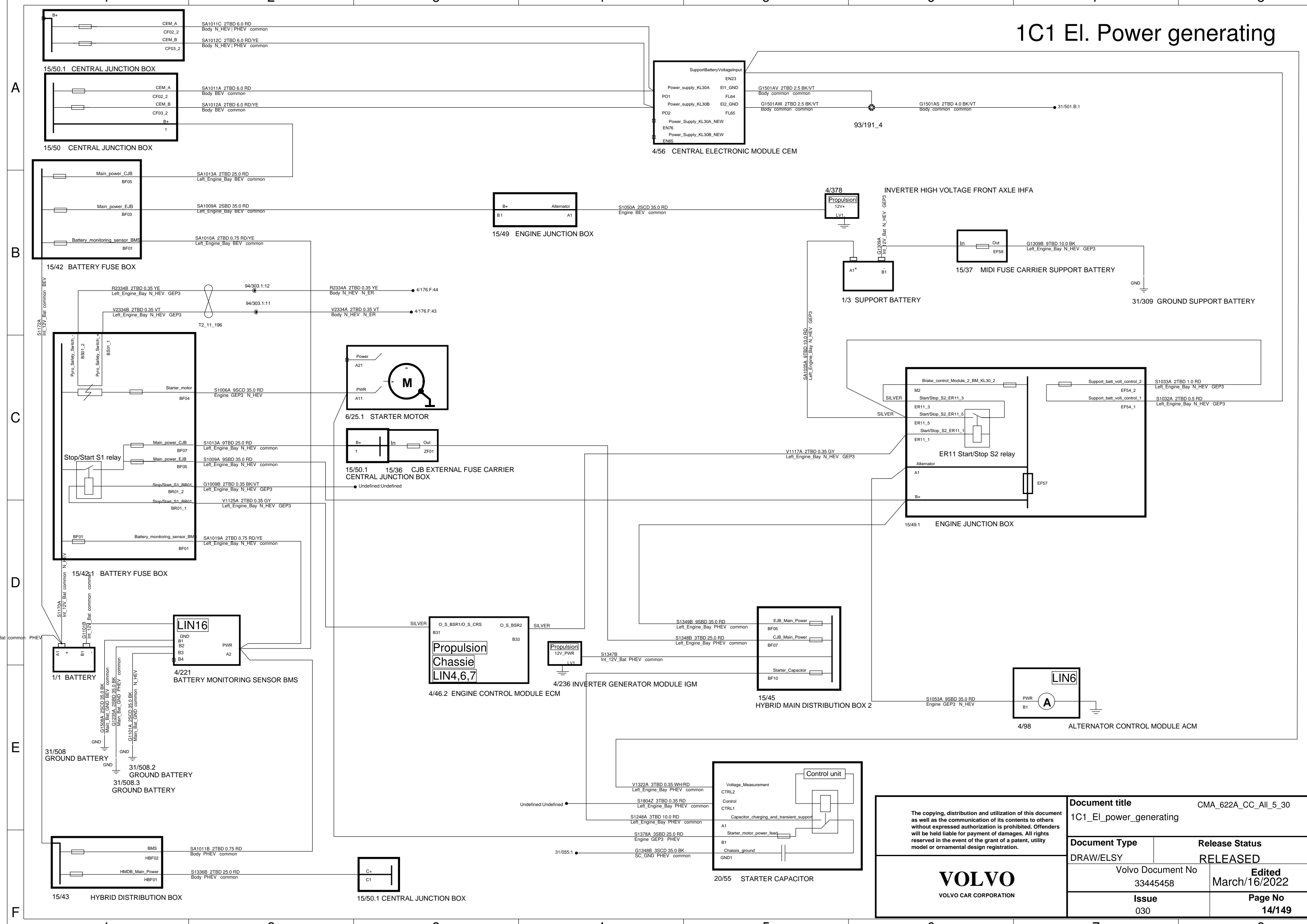
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# 1B Grounding Body Rear, Tailgate



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# 1C1 El. Power generating



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# 1D Diagnostics

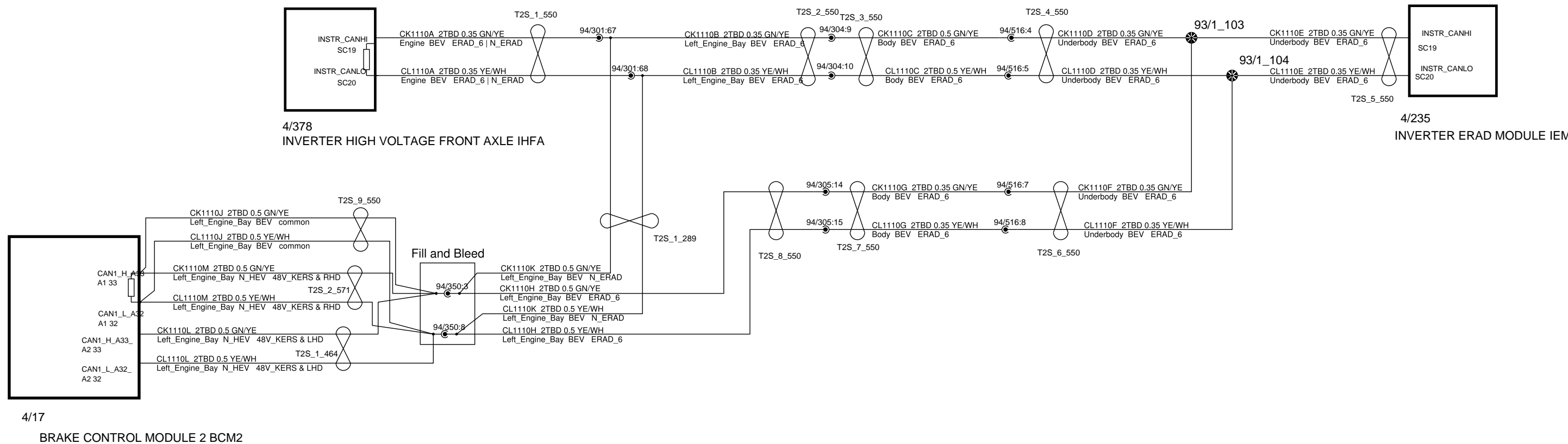


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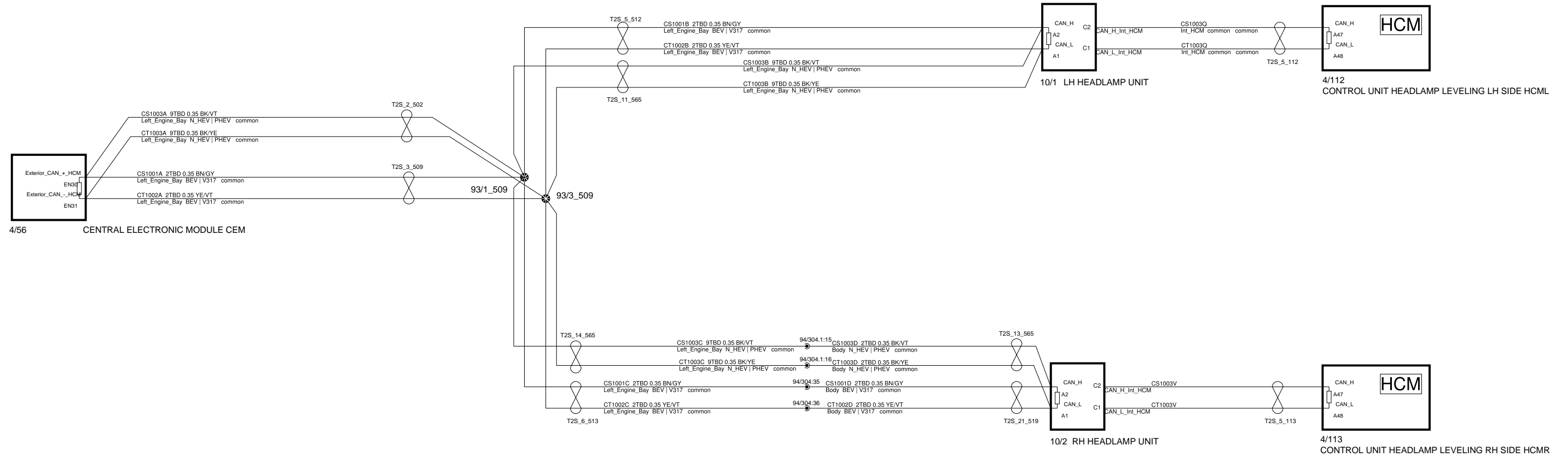
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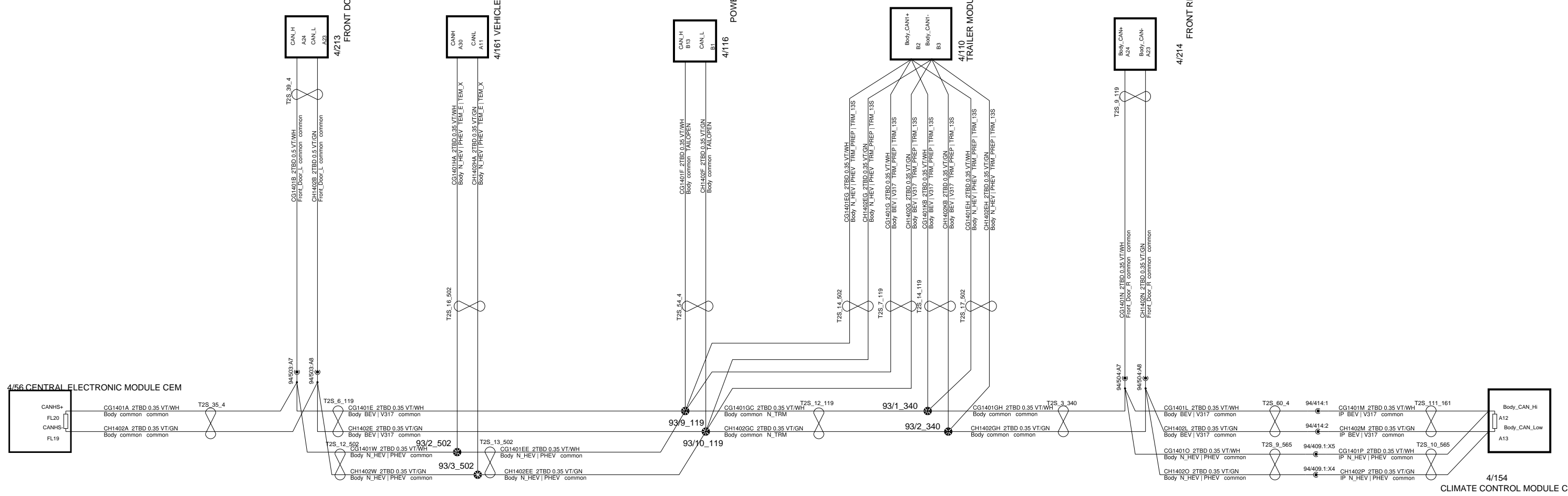
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	<p><b>Document Type</b> DRAW/ELSY</p>	<p><b>Release Status</b> RELEASED</p>
	<p>CEVT Document No 8888522365</p>	<p><b>Edited</b> February/16/2022</p>
	<p><b>Issue</b> 030</p>	<p><b>Page No</b> 16/149</p>

# 1E Body CAN Exp



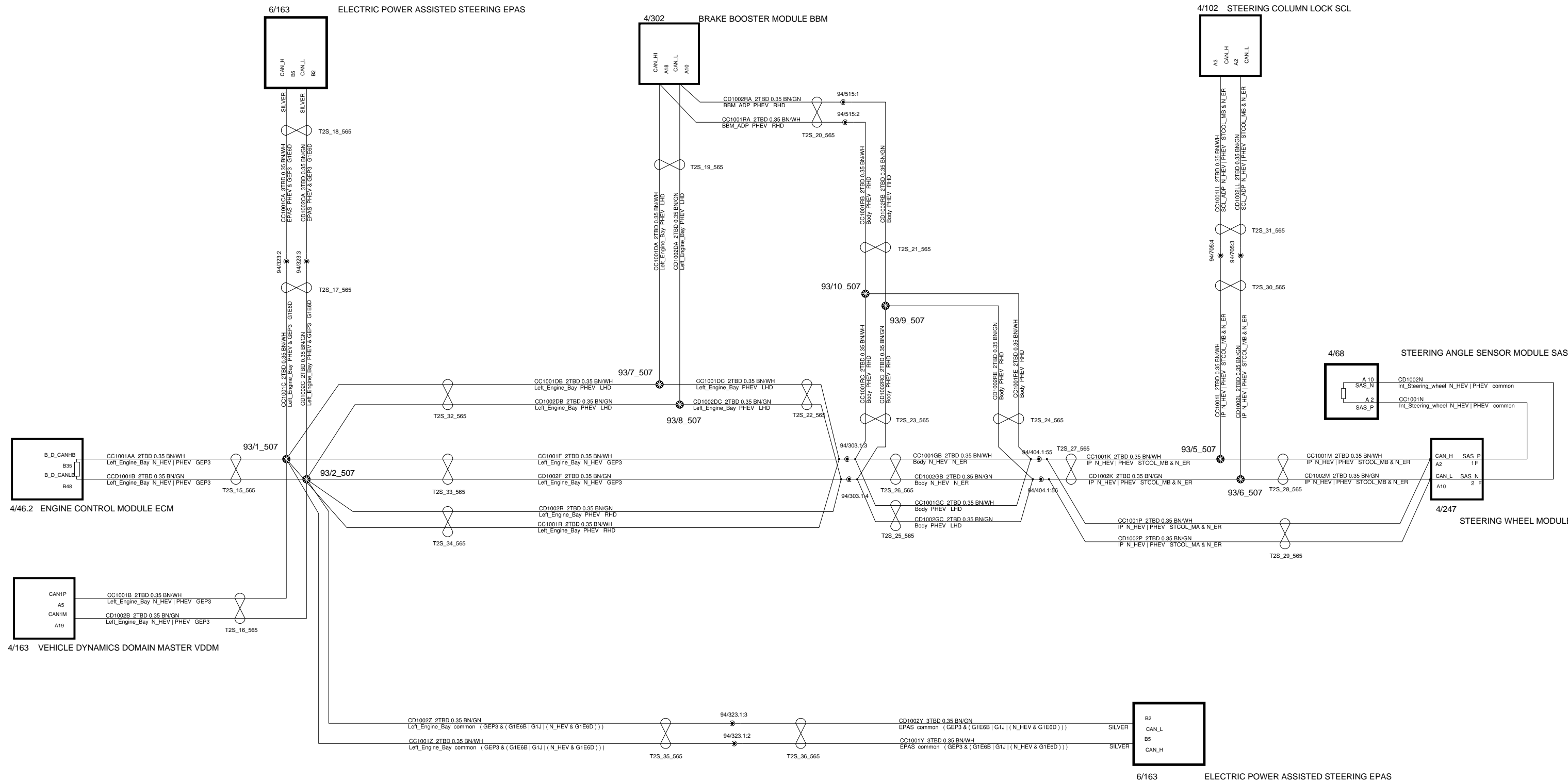
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	<b>Document Type</b> DRAW/ELSY	<b>Release Status</b> RELEASED
	Volvo Document No 33445458	<b>Edited</b> May/22/2022
	<b>Issue</b> 030	<b>Page No</b> 18/149

# 1E Body-CAN



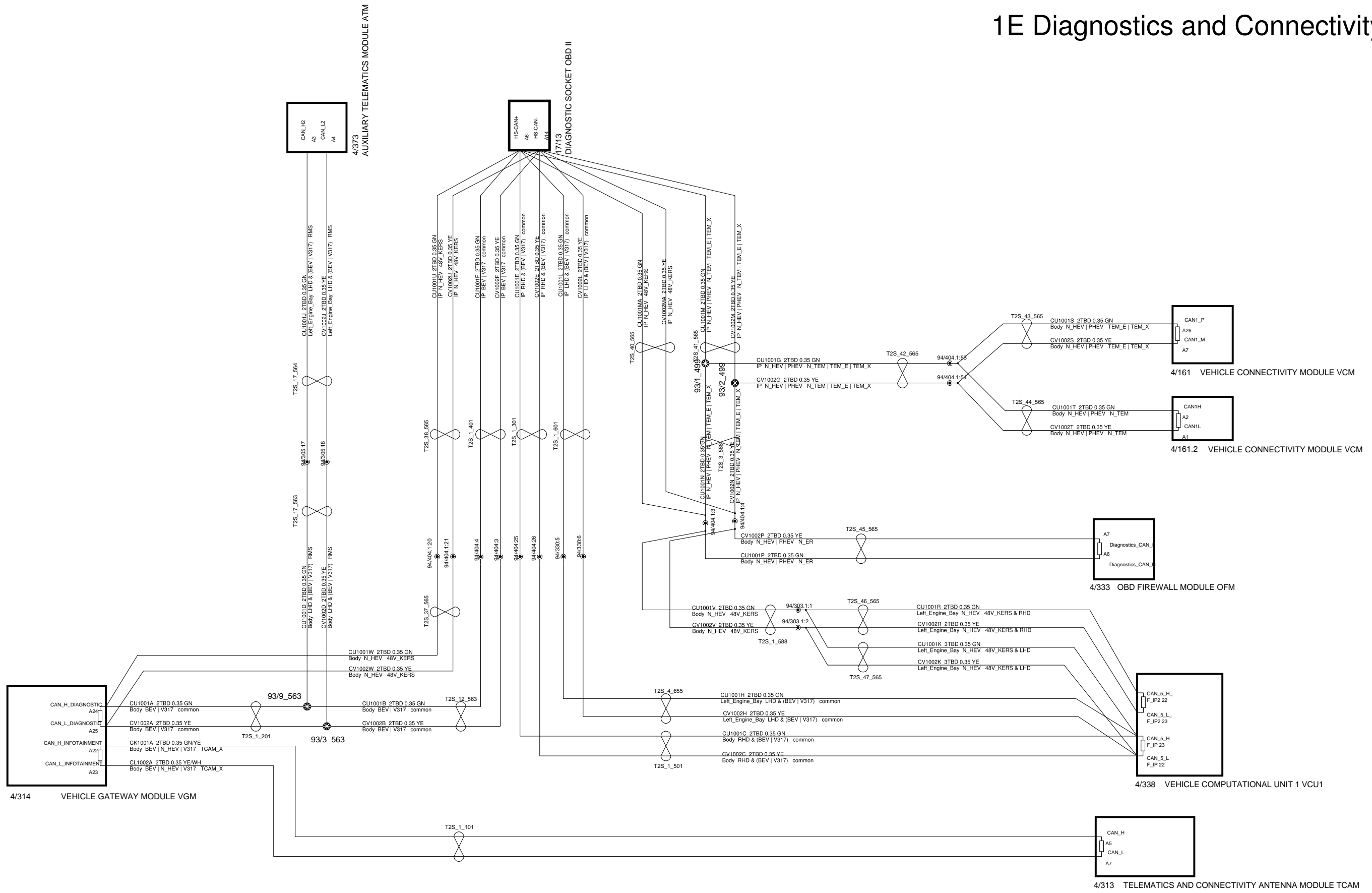
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	<b>Document Type</b> DRAW/ELSY	<b>Release Status</b> RELEASED
	Volvo Document No 33445458	<b>Edited</b> March/01/2022
	<b>Issue</b> 030	<b>Page No</b> 17/149

# 1E Chassie CAN



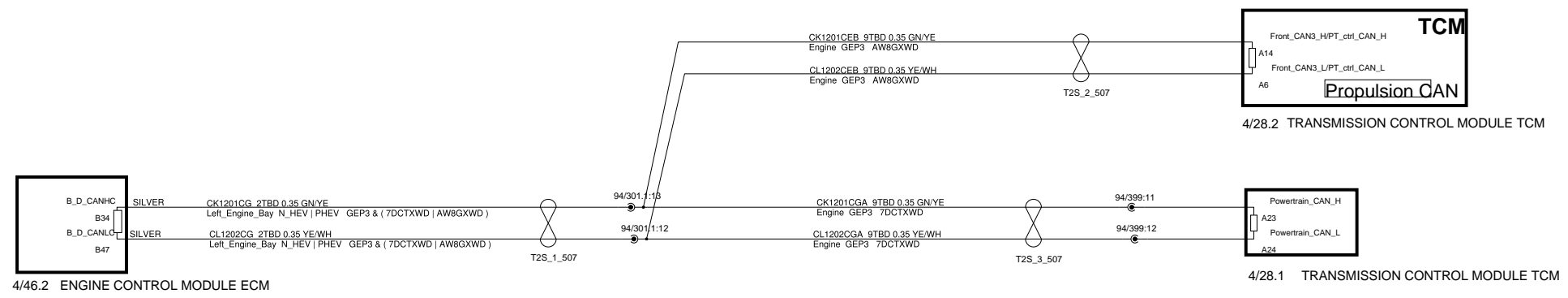
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	CEVT Document No 8888522365	<b>Edited</b> May/22/2022
<b>Issue</b> 030	<b>Page No</b> 19/149	

# 1E Diagnostics and Connectivity CAN



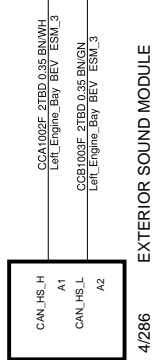
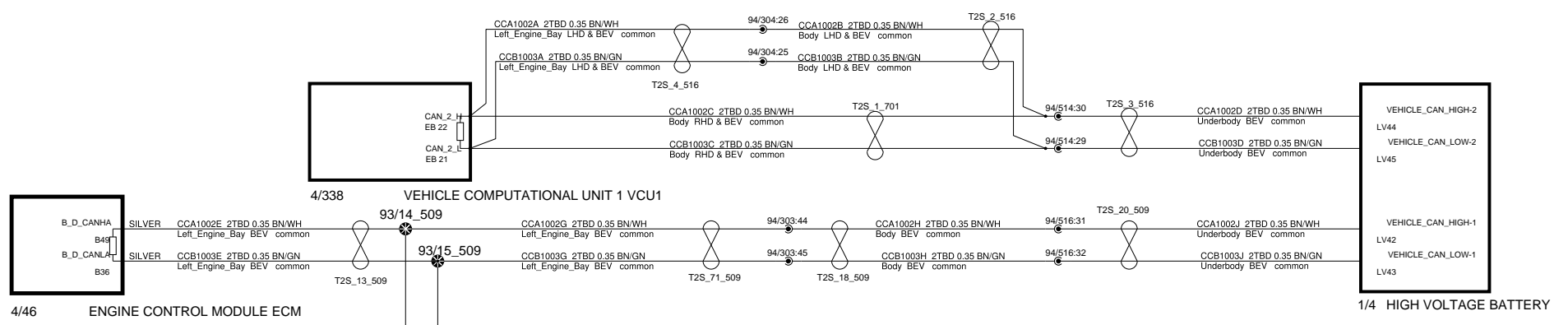
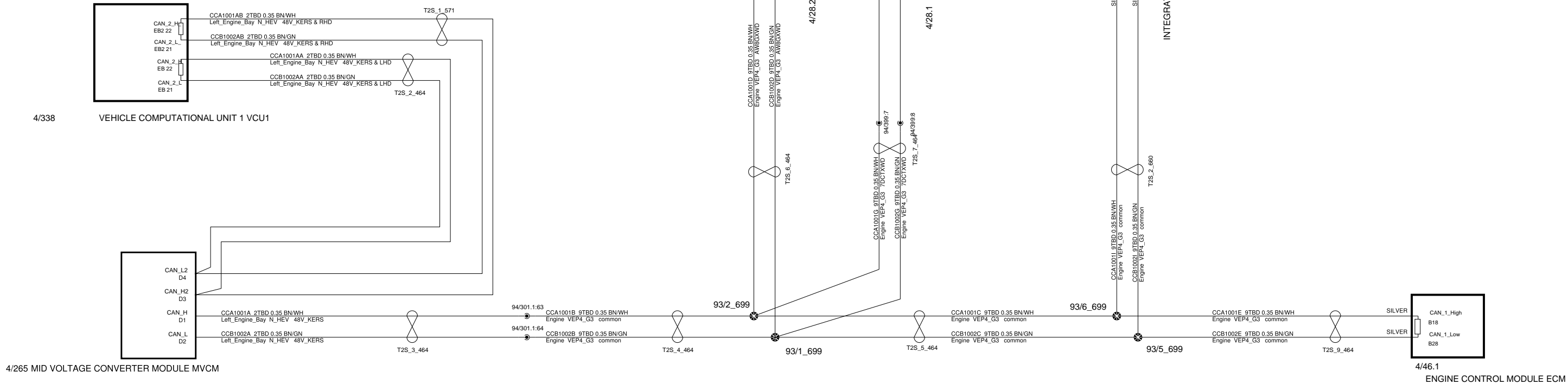
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	<b>Document Type</b> DRAW/ELSY	<b>Release Status</b> RELEASED
	Volvo Document No 33445458	<b>Edited</b> June/16/2021
	<b>Issue</b> 030	<b>Page No</b> 20/149

# 1E Engine CAN



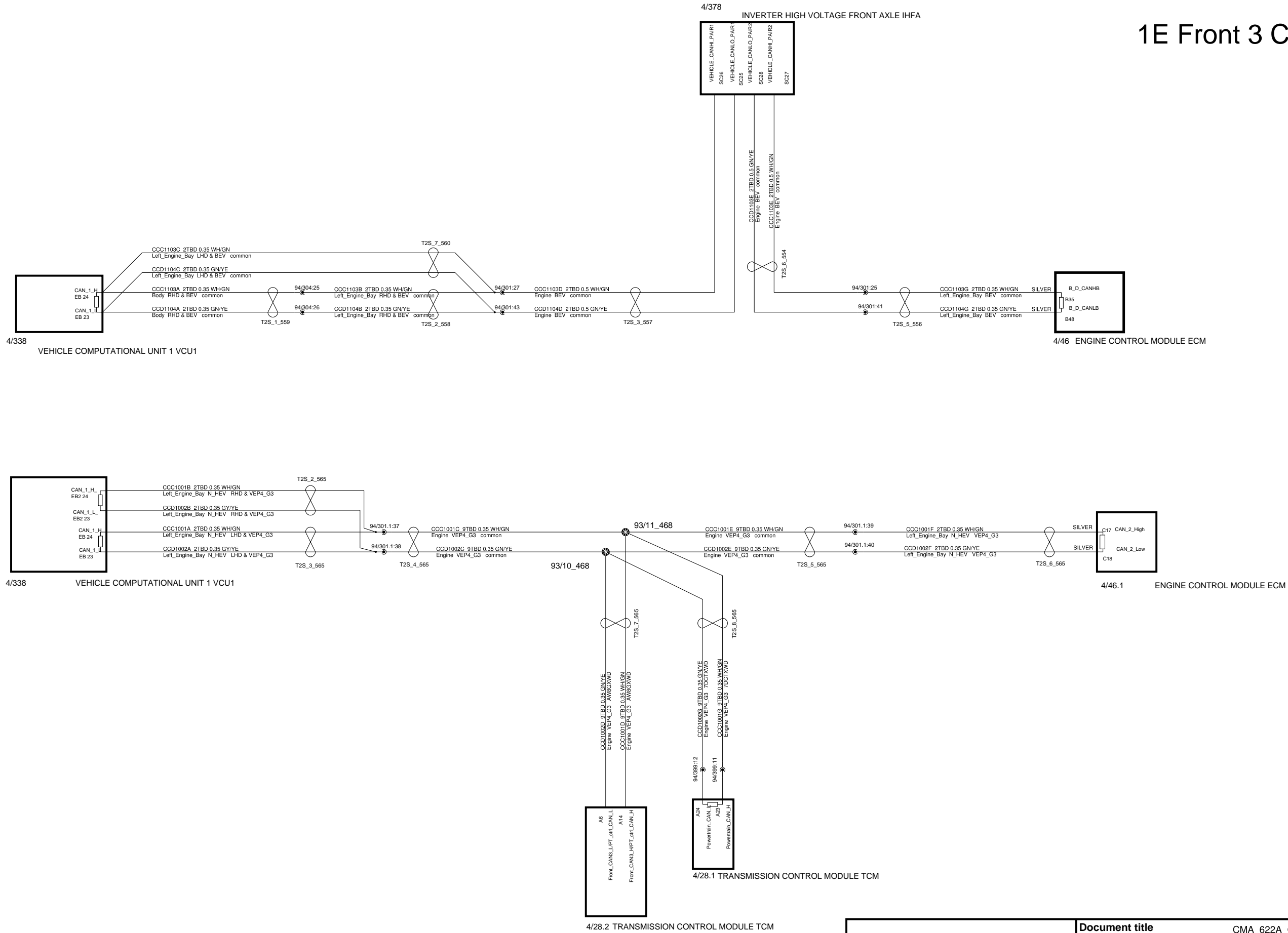
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	<b>Document Type</b> DRAW/ELSY	<b>Release Status</b> RELEASED
	CEVT Document No 8888522365	<b>Edited</b> February/01/2021
	<b>Issue</b> 030	<b>Page No</b> 21/149

# 1E Front 1 CAN



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		<p><b>Document Type</b> DRAW/ELSY</p>	<p><b>Release Status</b> RELEASED</p>
		<p>Volvo Document No 33445458</p>	<p><b>Edited</b> February/16/2022</p>
		<p><b>Issue</b> 030</p>	<p><b>Page No</b> 22/149</p>

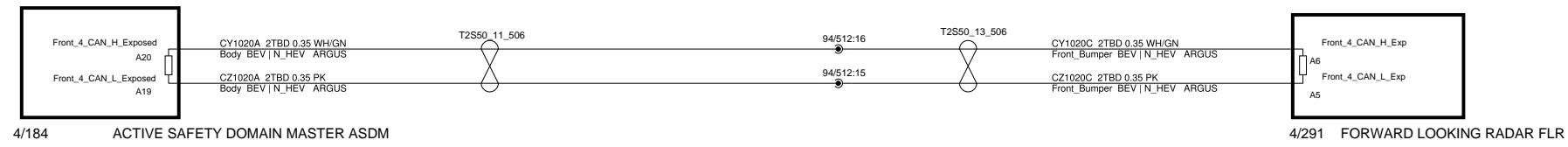
# 1E Front 3 CAN



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	Volvo Document No 33445458	<b>Edited</b> February/16/2022
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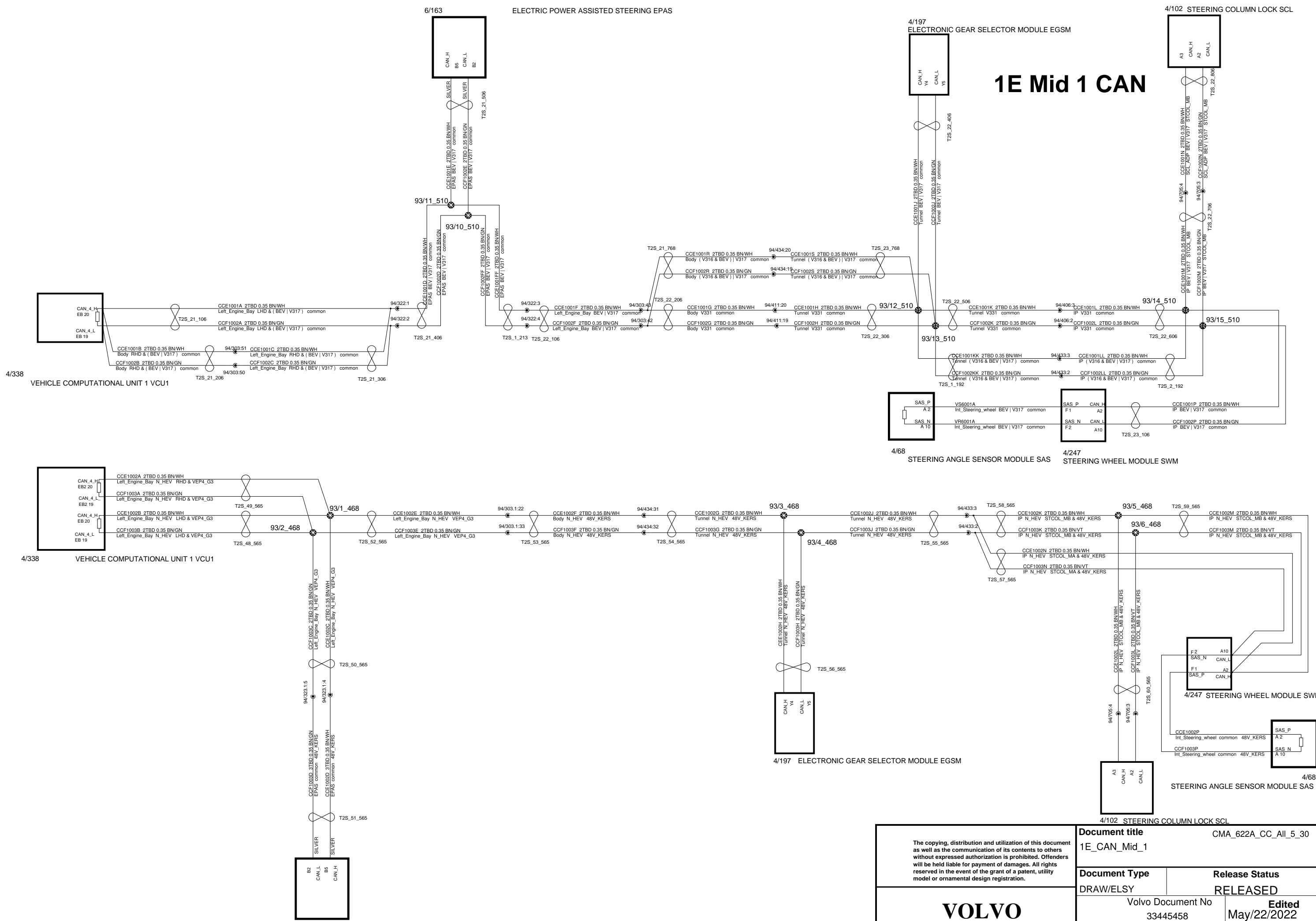
# 1E Front CAN Exposed



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	Volvo Document No 33445458	<b>Edited</b> September/30/2020
	<b>Issue</b> 030	<b>Page No</b> 24/149

ELECTRIC POWER ASSISTED STEERING EPAS

# 1E Mid 1 CAN



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Volvo Document No 33445458		<b>Edited</b> May/22/2022	
<b>Issue</b> 030		<b>Page No</b> 25/149	



6/163 ELECTRIC POWER ASSISTED STEERING EPAS

4/197 ELECTRONIC GEAR SELECTOR MODULE EGSM

4/68 STEERING ANGLE SENSOR MODULE SAS

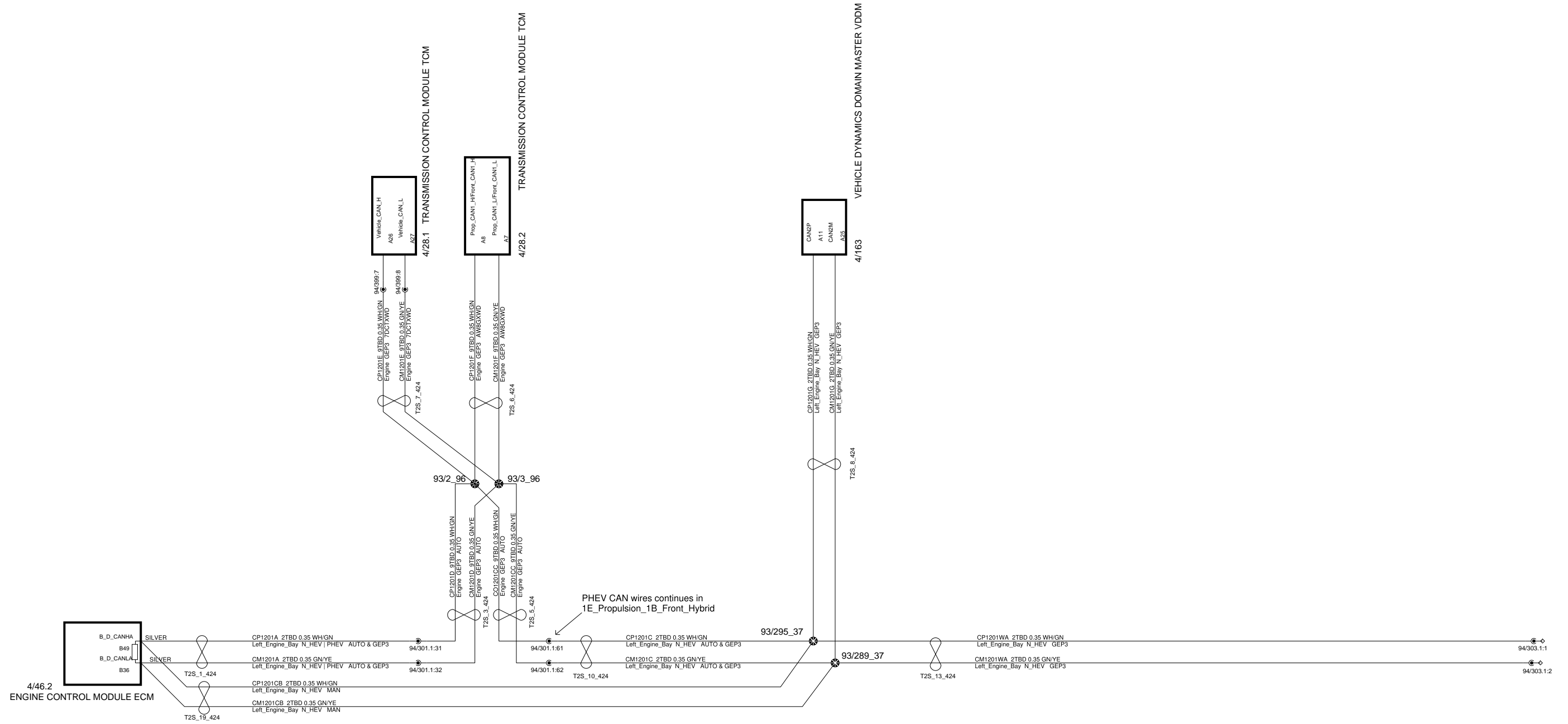
4/102 STEERING COLUMN LOCK SCL

4/247 STEERING WHEEL MODULE SWM

4/338 VEHICLE COMPUTATIONAL UNIT 1 VCU1

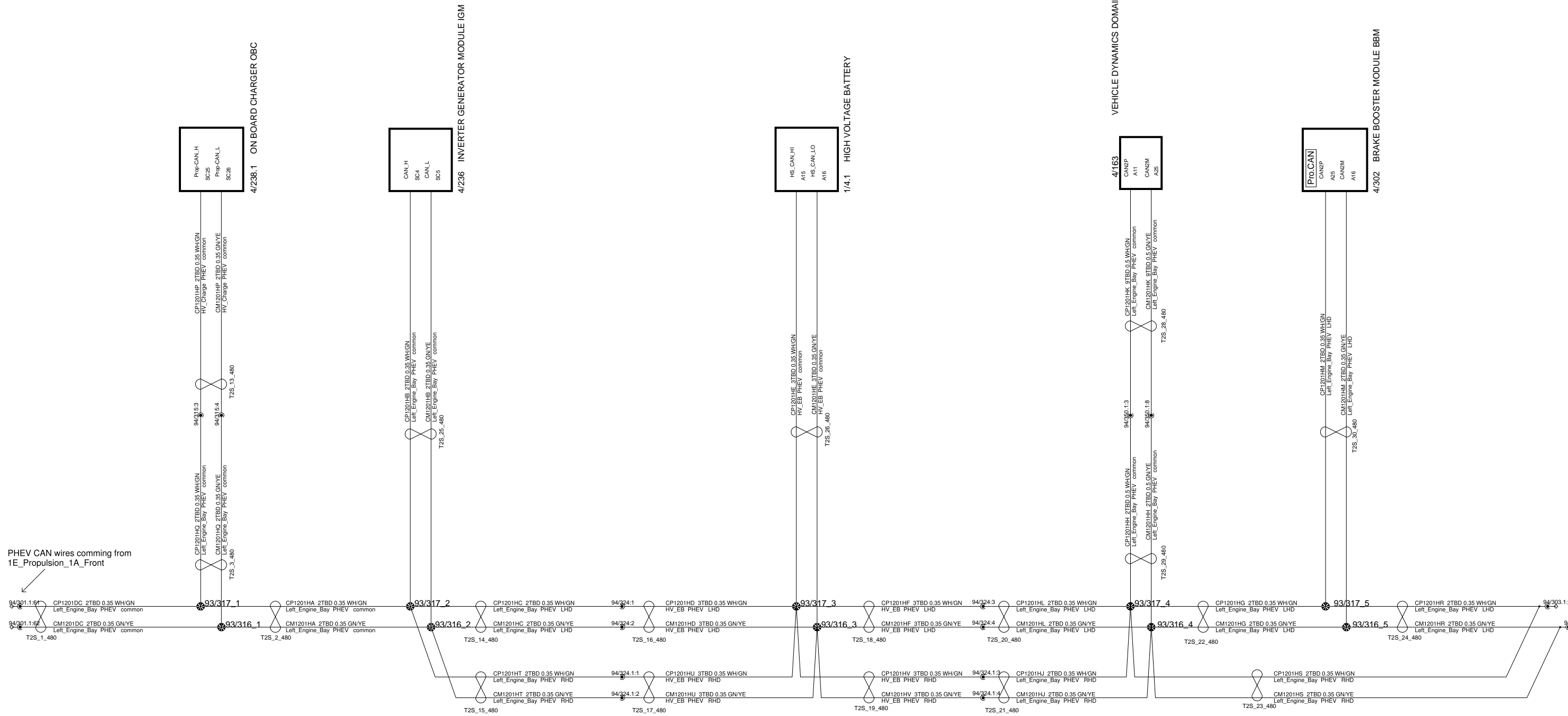
4/338 VEHICLE COMPUTATIONAL UNIT 1 VCU1

# 1E Propulsion CAN Front



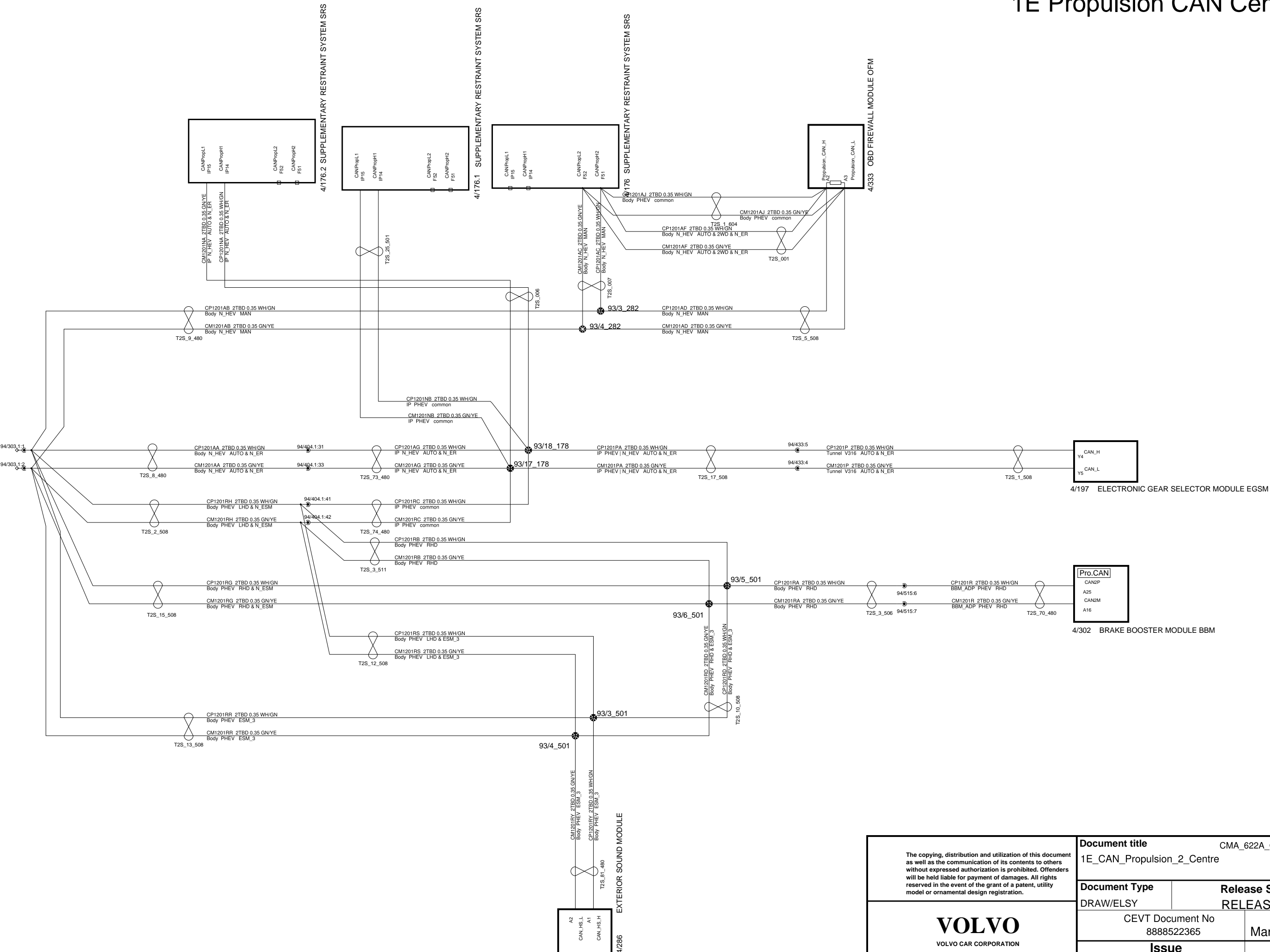
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	CEVT Document No 8888522365	<b>Edited</b> March/15/2022
	<b>Issue</b> 030	<b>Page No</b> 26/149


# 1E Propulsion CAN Front Hybrid

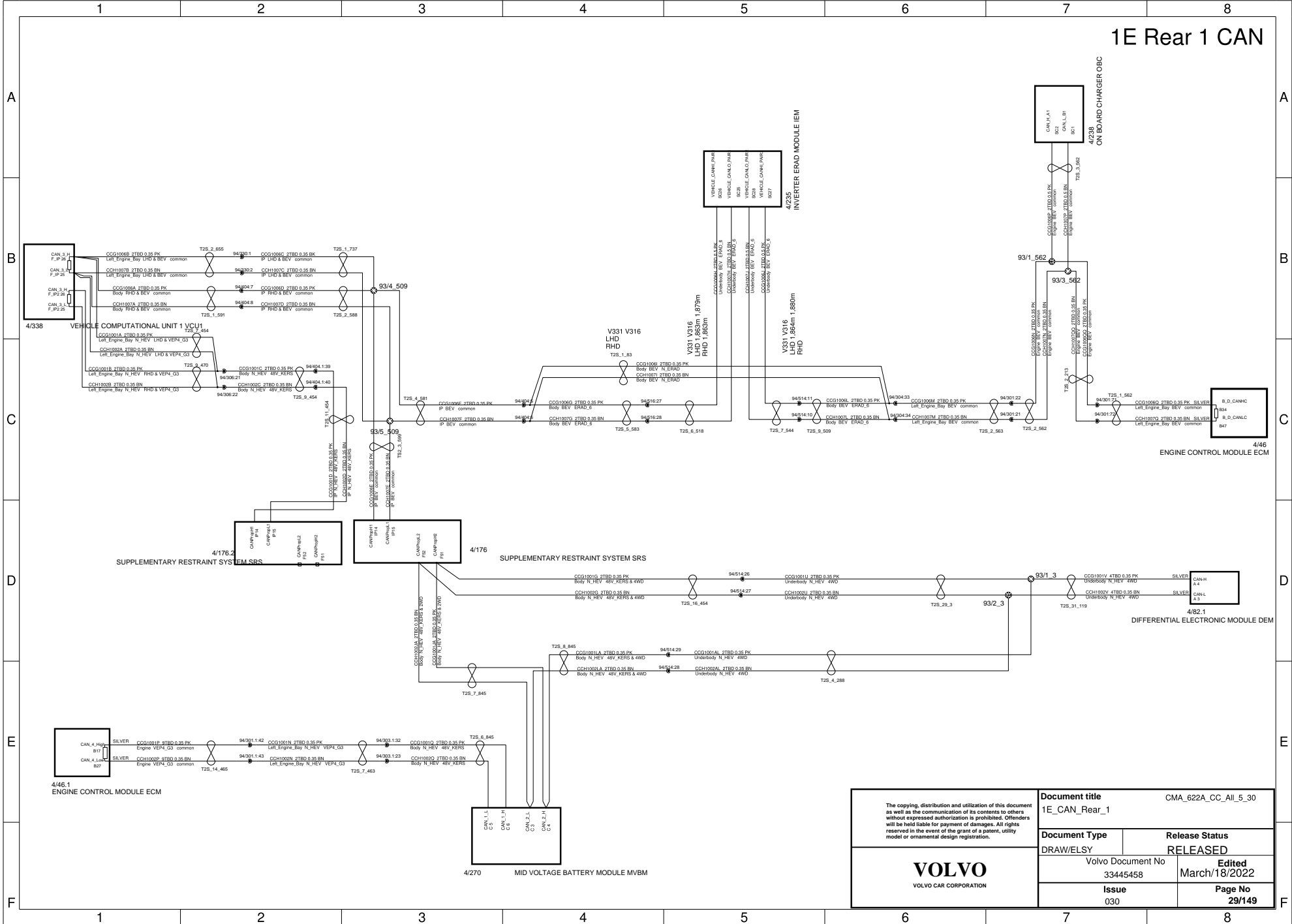


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	<b>Document Type</b> DRAW/ELSY	<b>Release Status</b> RELEASED
	CEVT Document No 8888522365	<b>Edited</b> March/17/2022
	<b>Issue</b> 030	<b>Page No</b> 27/149

# 1E Propulsion CAN Centre



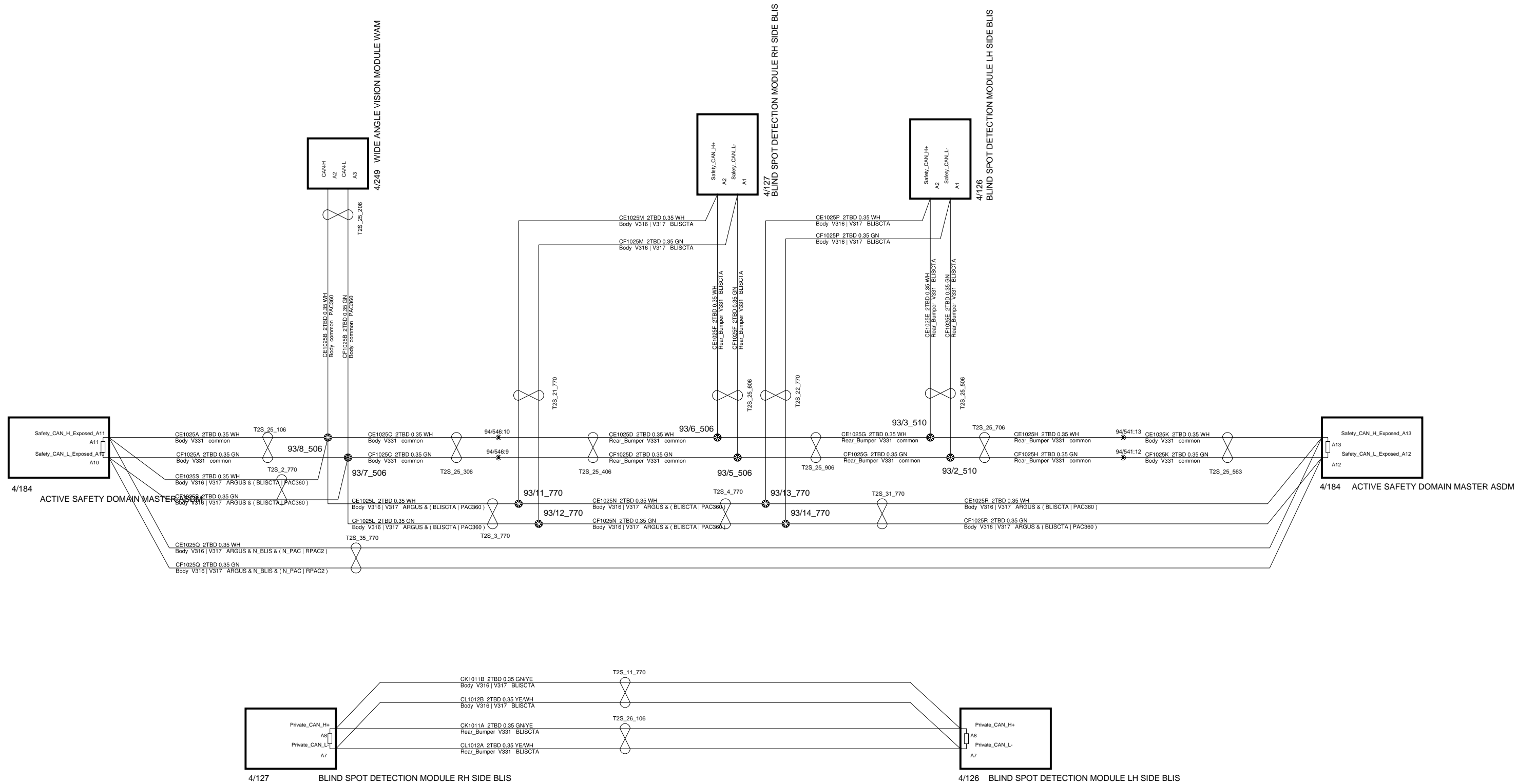
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 VOLVO CAR CORPORATION		CEVT Document No 8888522365	<b>Edited</b> March/17/2022
		<b>Issue</b> 030	<b>Page No</b> 28/149



1E Rear 1 CAN

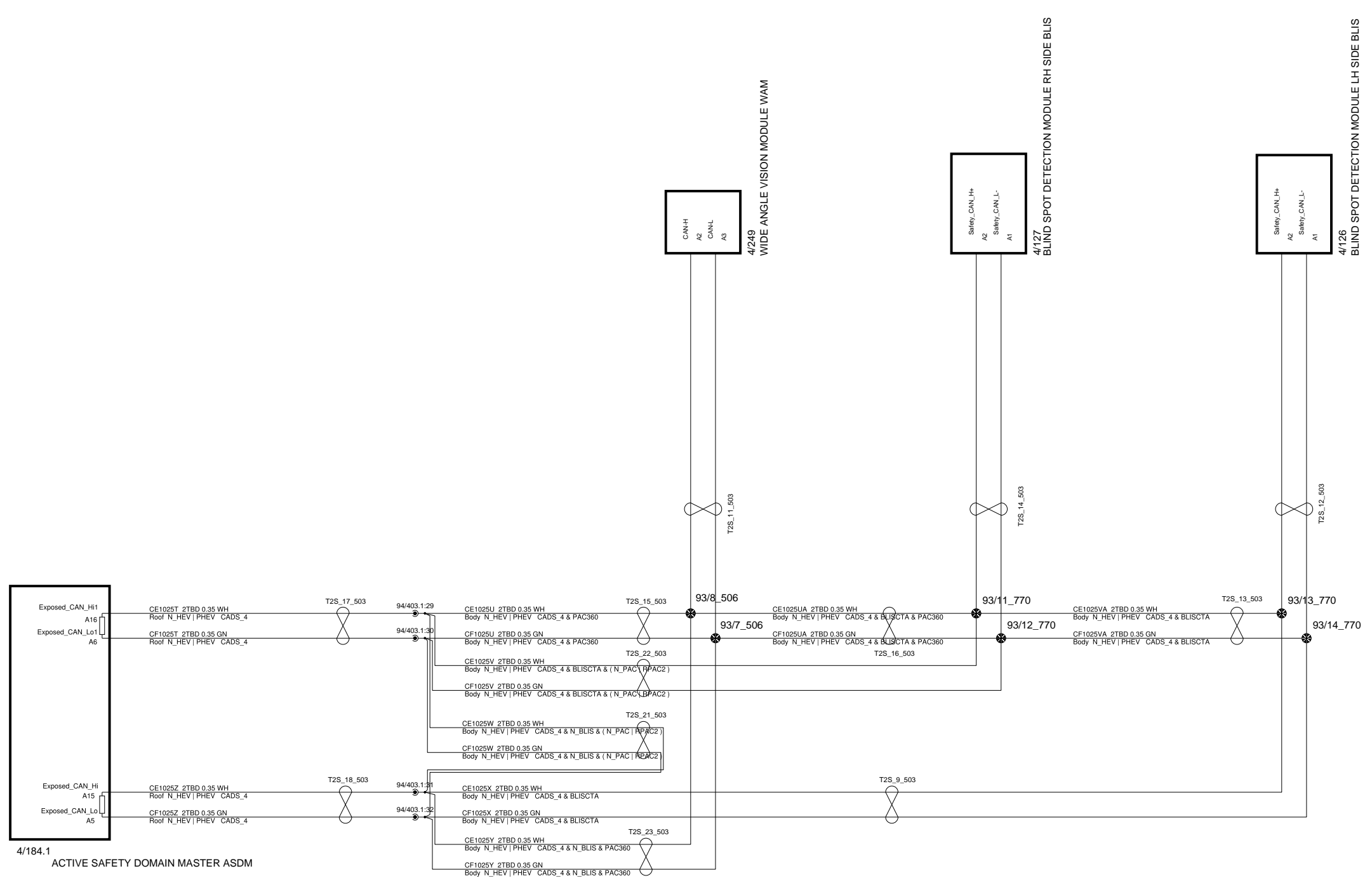
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		<p>Volvo Document No 33445458</p>	<p>Edited March/18/2022</p>
		<p>Issue 030</p>	<p>Page No 29/149</p>

# 1E Safety CAN Exposed BEV 48V KERS



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	<b>Document Type</b> DRAW/ELSY	<b>Release Status</b> RELEASED
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	<b>Issue</b> 030	<b>Page No</b> 30/149

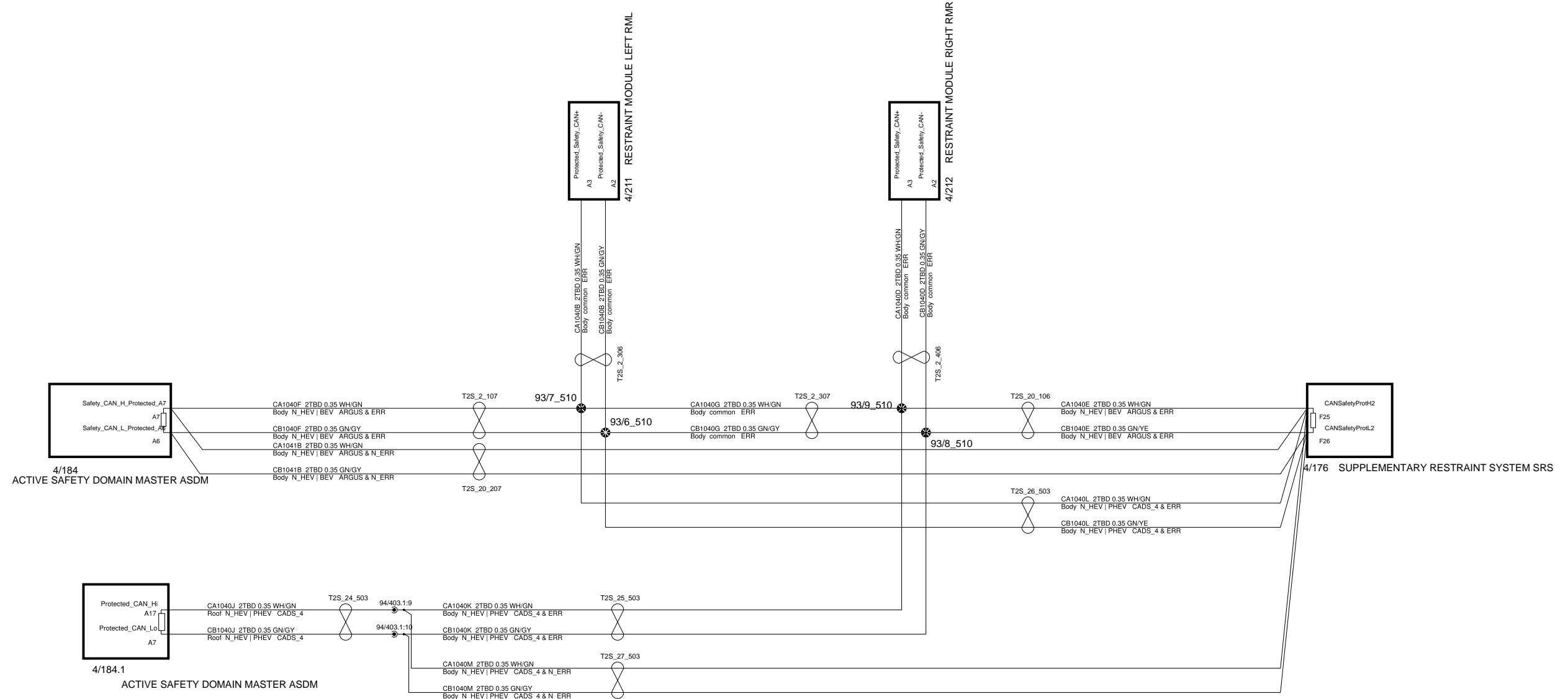
# 1E Safety CAN Exposed ICE PHEV



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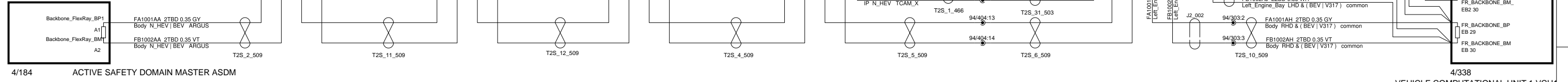


# 1E Safety CAN Protected



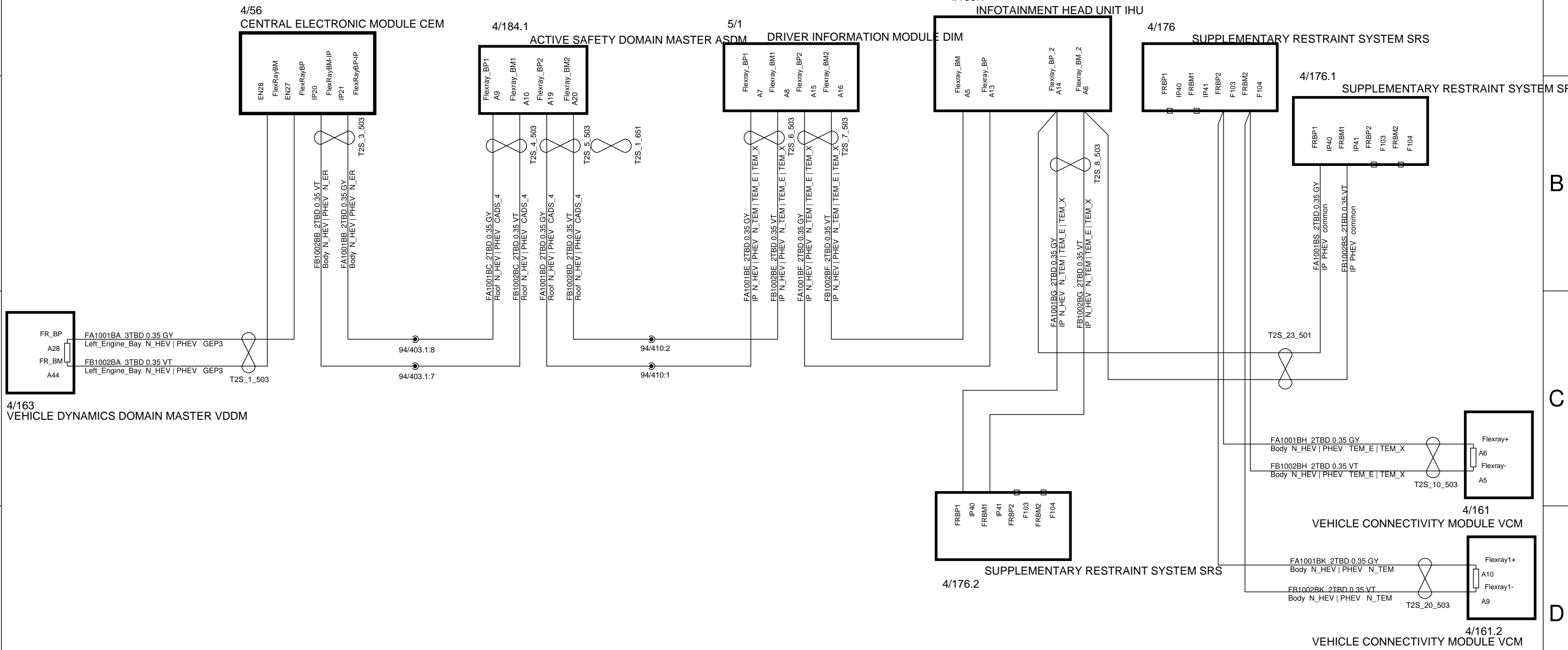
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	<b>Issue</b> 030	<b>Page No</b> 32/149

# 1E\_Backbone\_FlexRay BEV|48V KERS



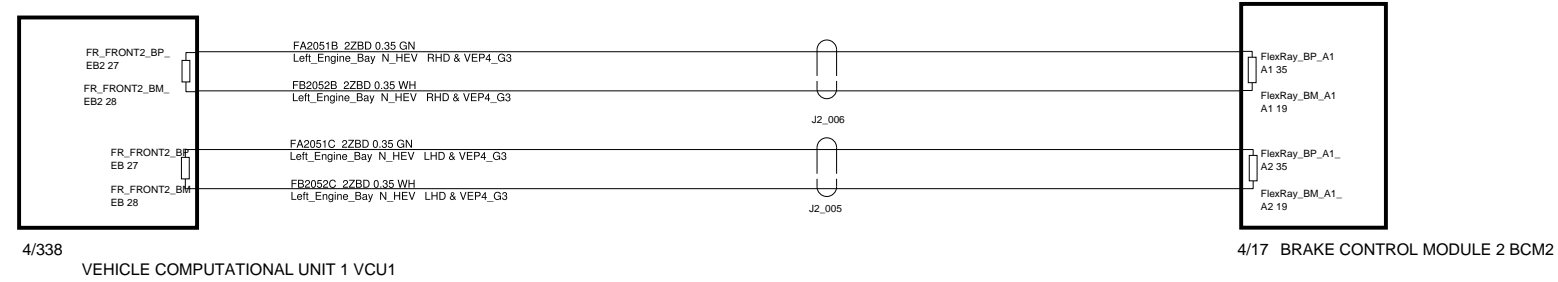
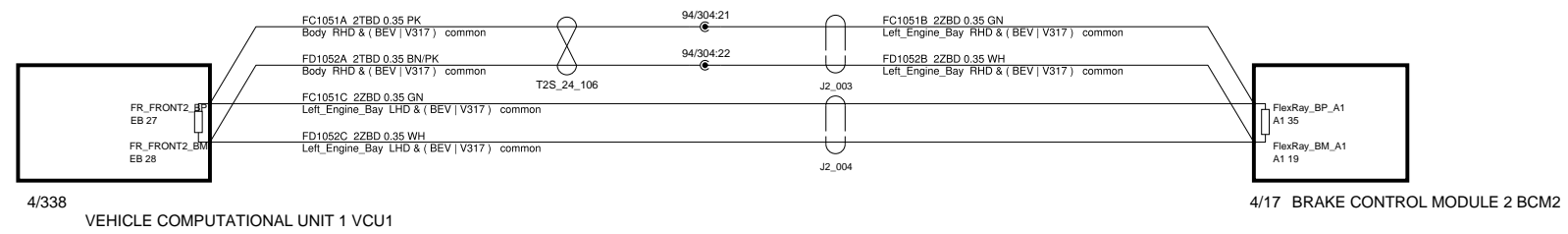
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	<b>Document Type</b> DRAW/ELSY	<b>Release Status</b> RELEASED
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	<b>Issue</b> 030	<b>Page No</b> 33/149

# 1E\_Backbone\_FlexRay\_ICE|PHEV



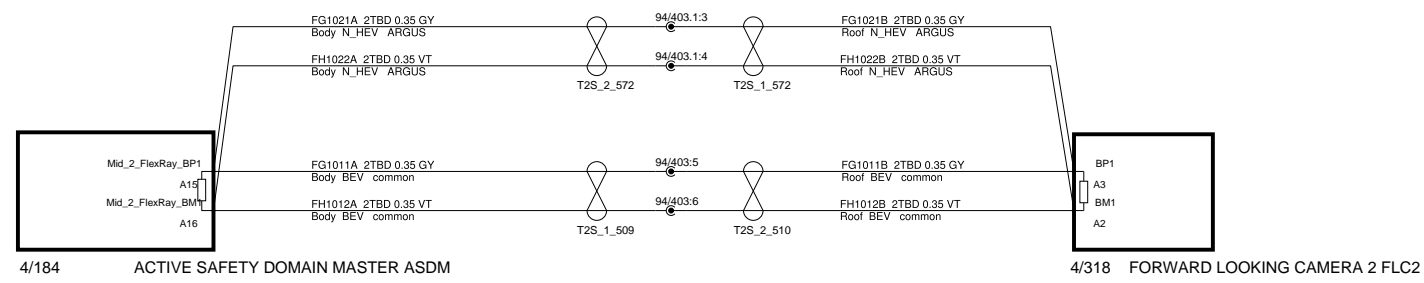
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	<p><b>Document Type</b> DRAW/ELSY</p>	<p><b>Release Status</b> RELEASED</p>
	<p>CEVT Document No 8888522365</p>	<p><b>Edited</b> March/17/2022</p>
	<p><b>Issue</b> 030</p>	<p><b>Page No</b> 34/149</p>

# 1E Front 2 FlexRay



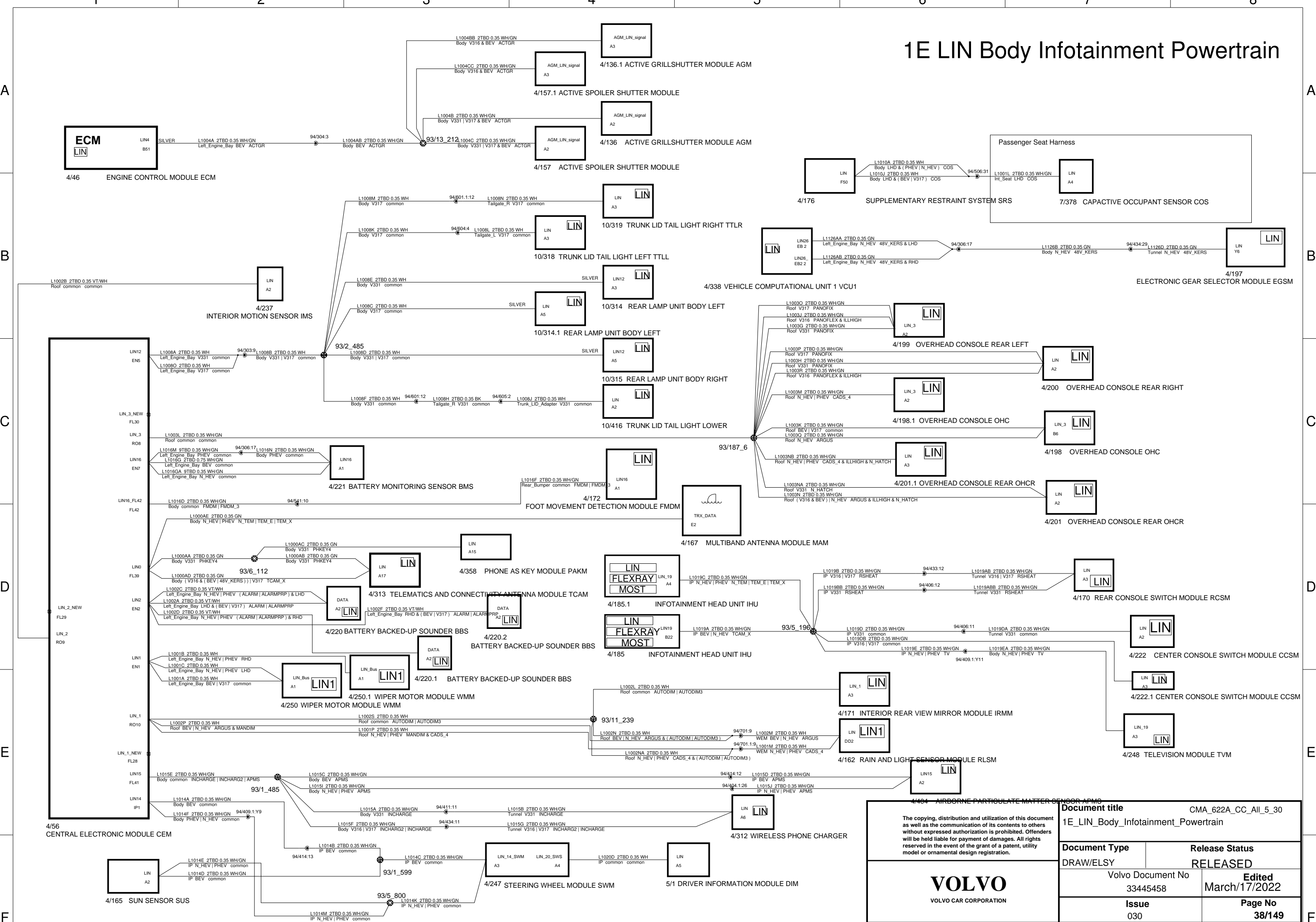
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	<b>Document Type</b> DRAW/ELSY	<b>Release Status</b> RELEASED
	Volvo Document No 33445458	<b>Edited</b> February/16/2022
	<b>Issue</b> 030	<b>Page No</b> 35/149

# 1E Mid 2 FlexRay



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	Volvo Document No 33445458	<b>Edited</b> February/16/2022
	<b>Issue</b> 030	<b>Page No</b> 36/149

# 1E LIN Body Infotainment Powertrain

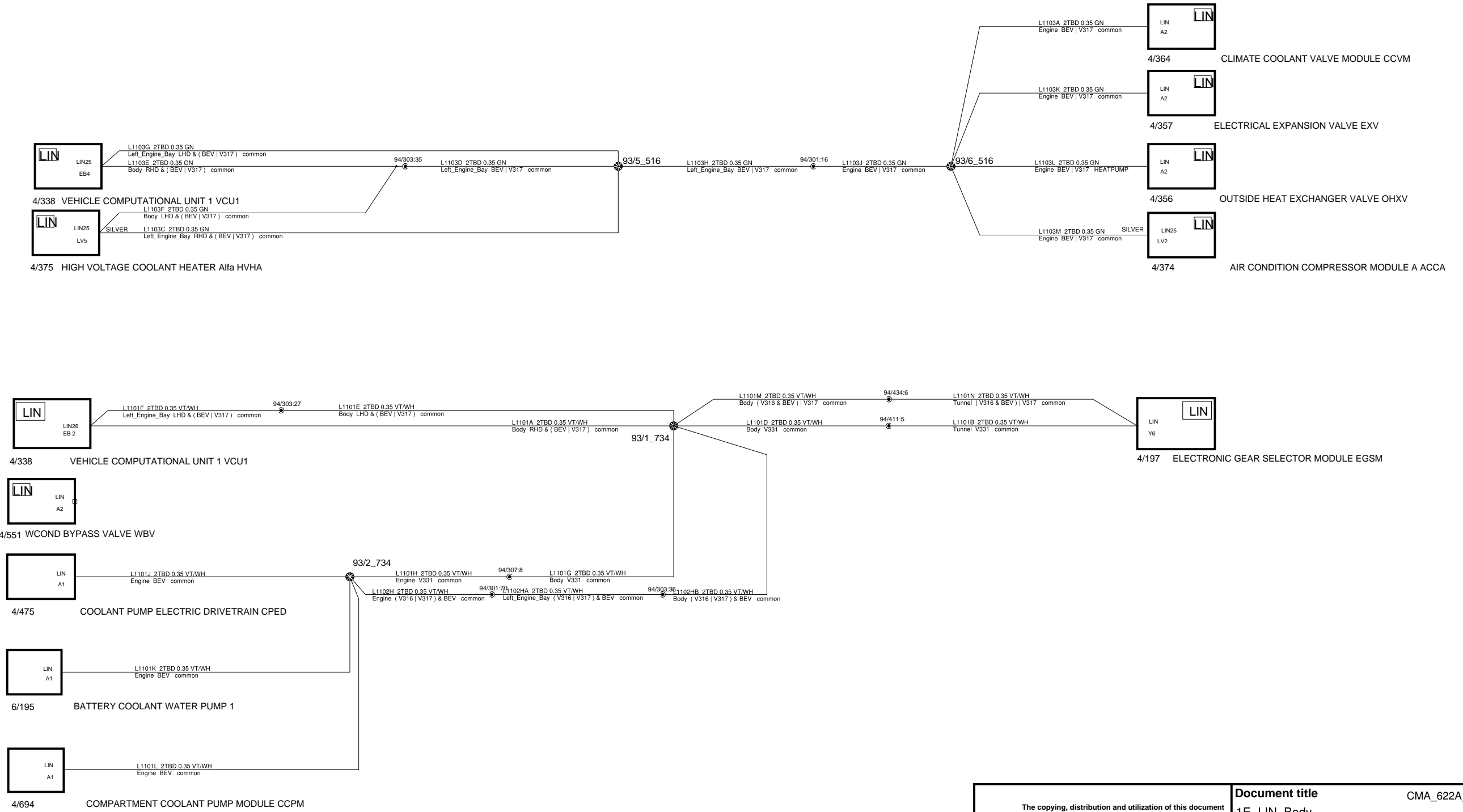


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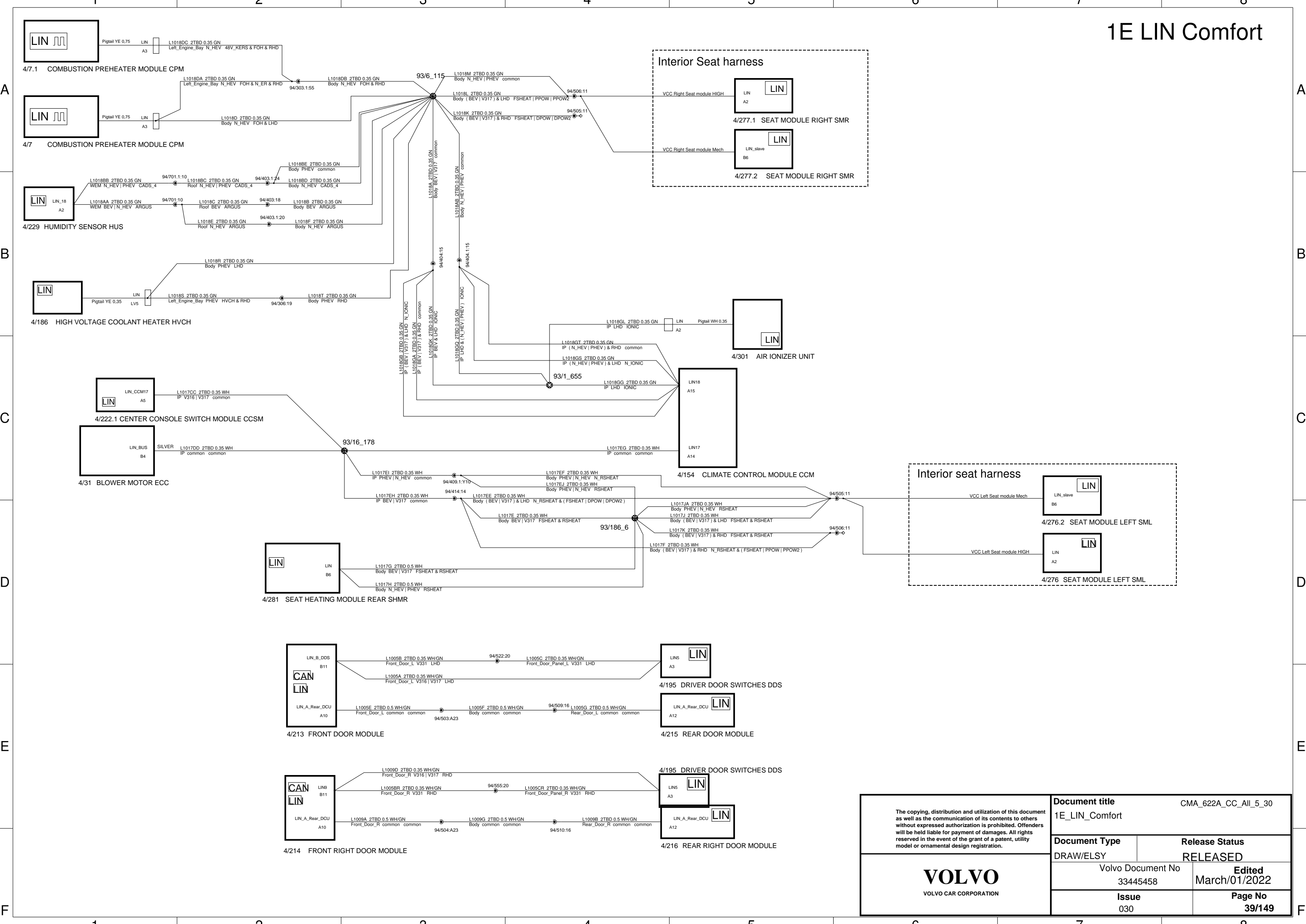
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1E_LIN_Body_Infotainment_Powertrain			
Document Type	Release Status		
DRAW/ELSY	RELEASED		
Volvo Document No		Edited	
33445458		March/17/2022	
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# 1E LIN Body



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	<b>Document Type</b> DRAW/ELSY	<b>Release Status</b> RELEASED
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	<b>Issue</b> 030	<b>Page No</b> 37/149

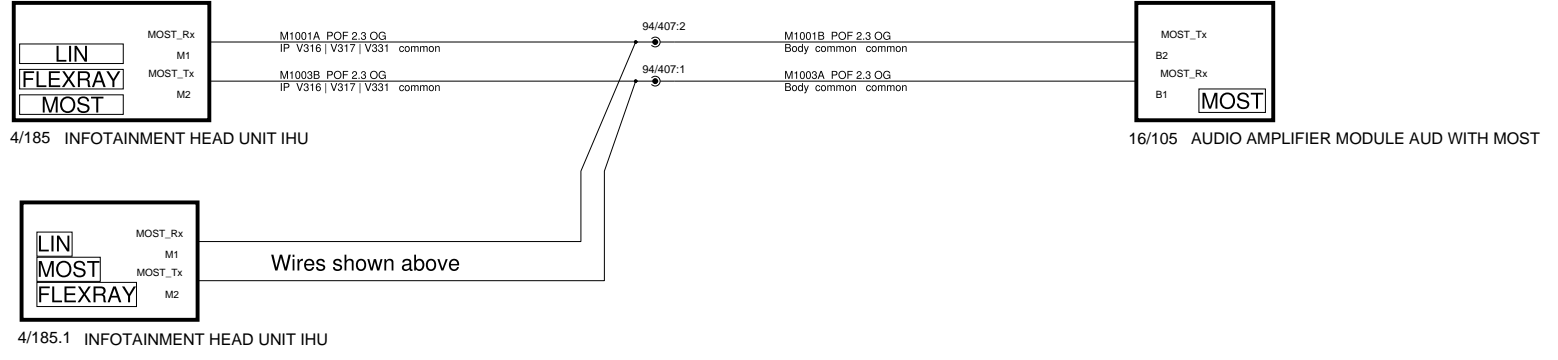
# 1E LIN Comfort



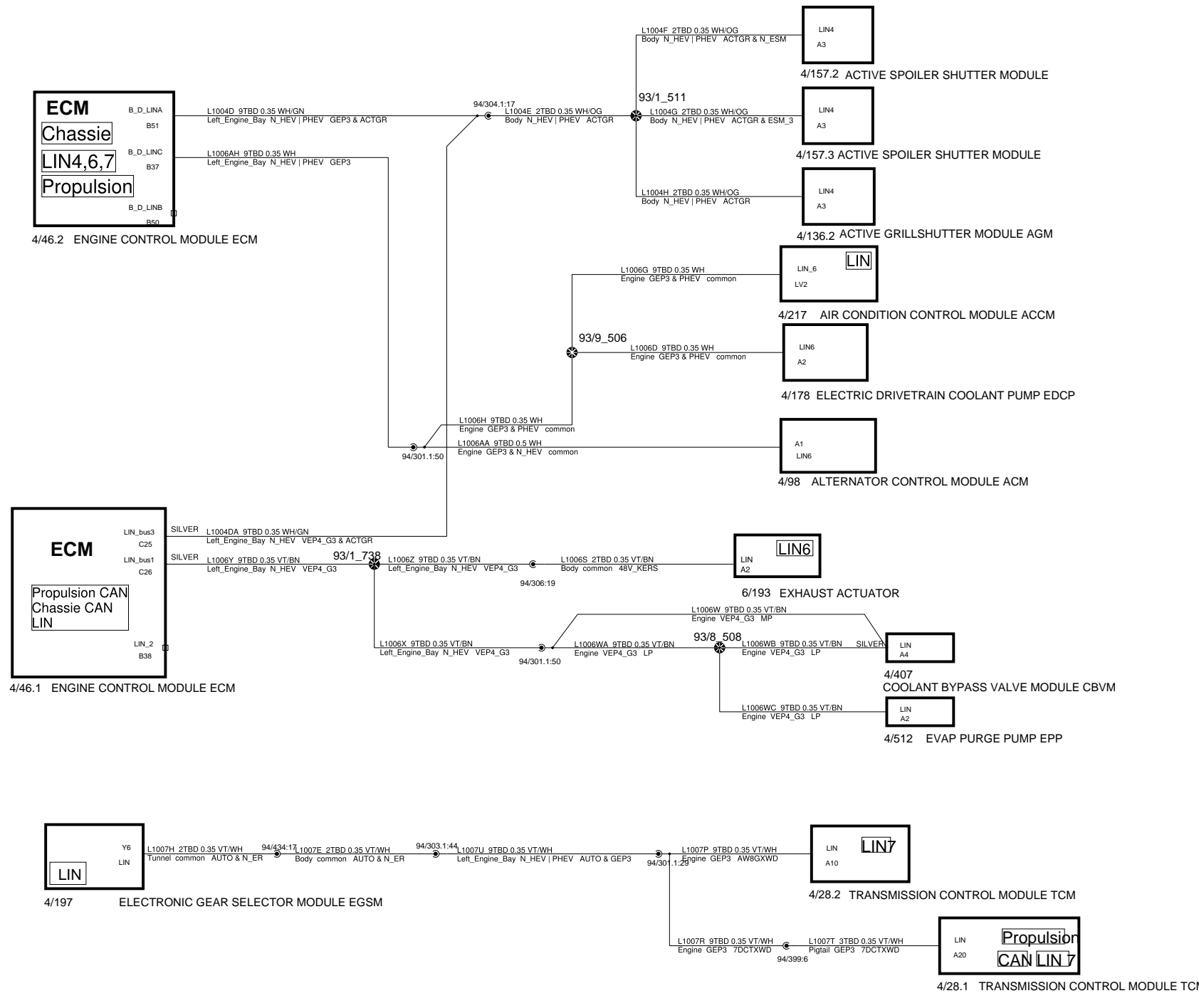
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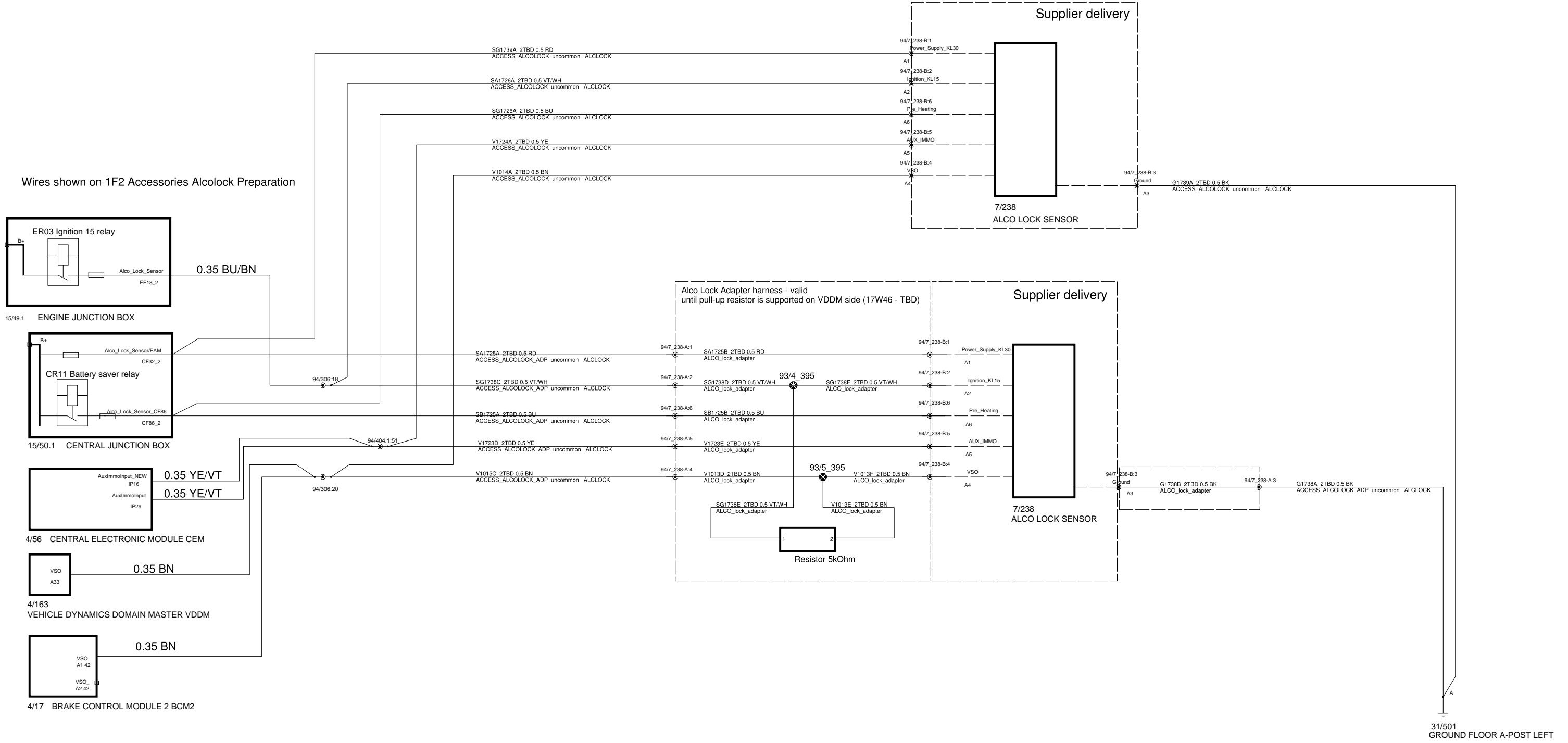
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	<b>Document Type</b> DRAW/ELSY	<b>Release Status</b> RELEASED
	Volvo Document No 33445458	<b>Edited</b> May/22/2022
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	<b>Document Type</b> DRAW/ELSY	<b>Release Status</b> RELEASED
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	<b>Issue</b> 030	<b>Page No</b> 41/149

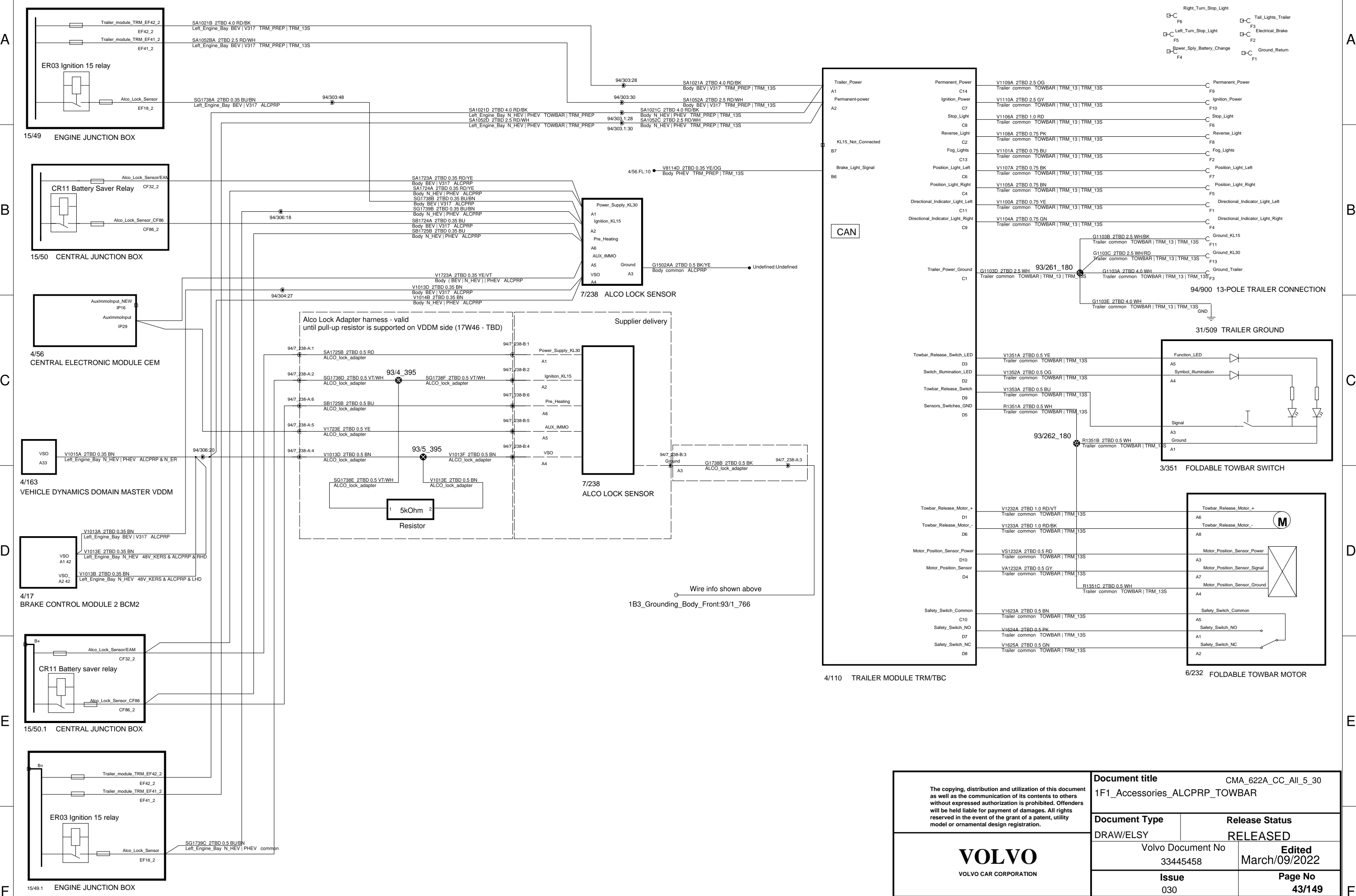
# 1F2 Accessories Alcolock Aftermarket - with and without Adapter harness

Wires shown on 1F2 Accessories Alcolock Preparation

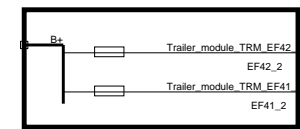


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	<b>Document Type</b> DRAW/ELSY	<b>Release Status</b> RELEASED
	CEVT Document No 8888522365	<b>Edited</b> February/16/2022
	<b>Issue</b> 030	<b>Page No</b> 42/149

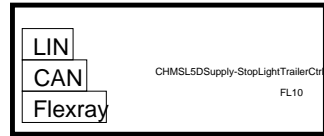
# 1F Accessories Preparation



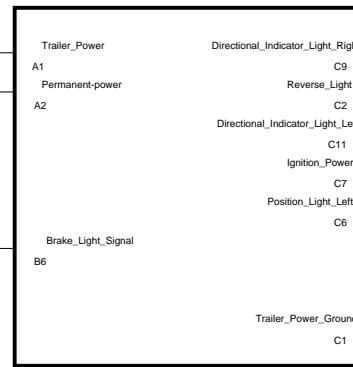
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		<p><b>Document Type</b> DRAW/ELSY</p>	<p><b>Release Status</b> RELEASED</p>
		<p>Volvo Document No 33445458</p>	<p><b>Edited</b> March/09/2022</p>
		<p><b>Issue</b> 030</p>	<p><b>Page No</b> 43/149</p>



15/49 ENGINE JUNCTION BOX

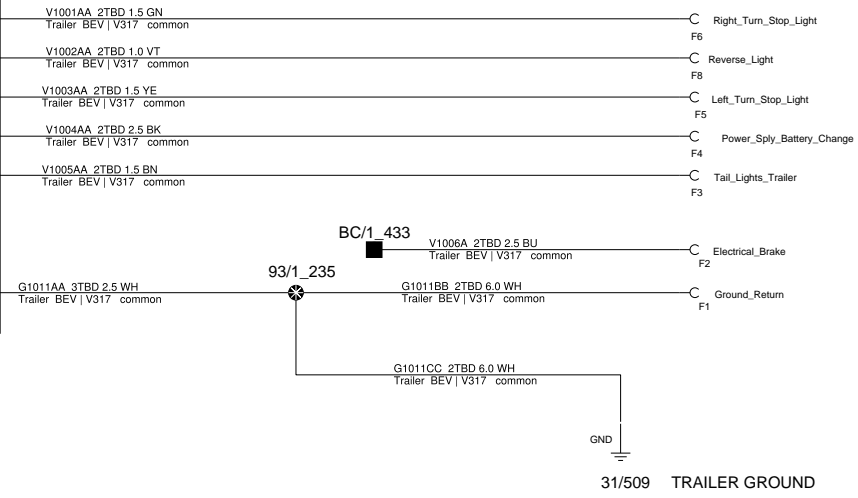


4/56 CENTRAL ELECTRONIC MODULE CEM



4/110 TRAILER MODULE TRM/TBC

94/900.1  
4/7-POLE TRAILER CONNECTION



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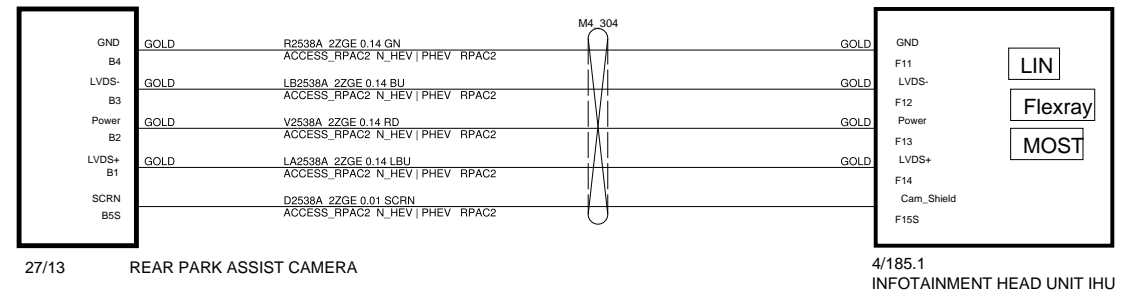
**Document title** CMA\_622A\_CC\_All\_5\_30  
1F2\_Assessories\_Towing\_System\_4/7-pole\_US

**Document Type** DRAW/ELSY  
**Release Status** RELEASED

CEVT Document No  
8888522365  
**Edited**  
June/16/2021

**Issue**  
030  
**Page No**  
44/149

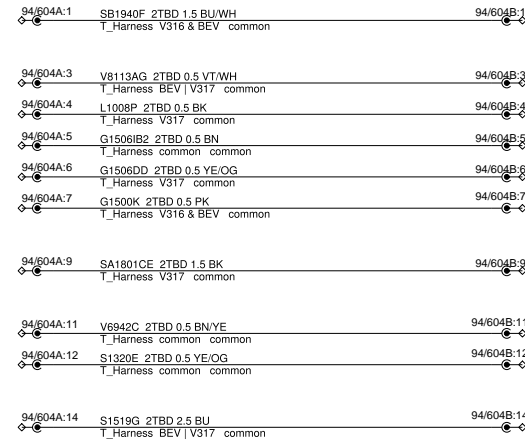
# 1F3 Accessories Rear Park Assist Camera



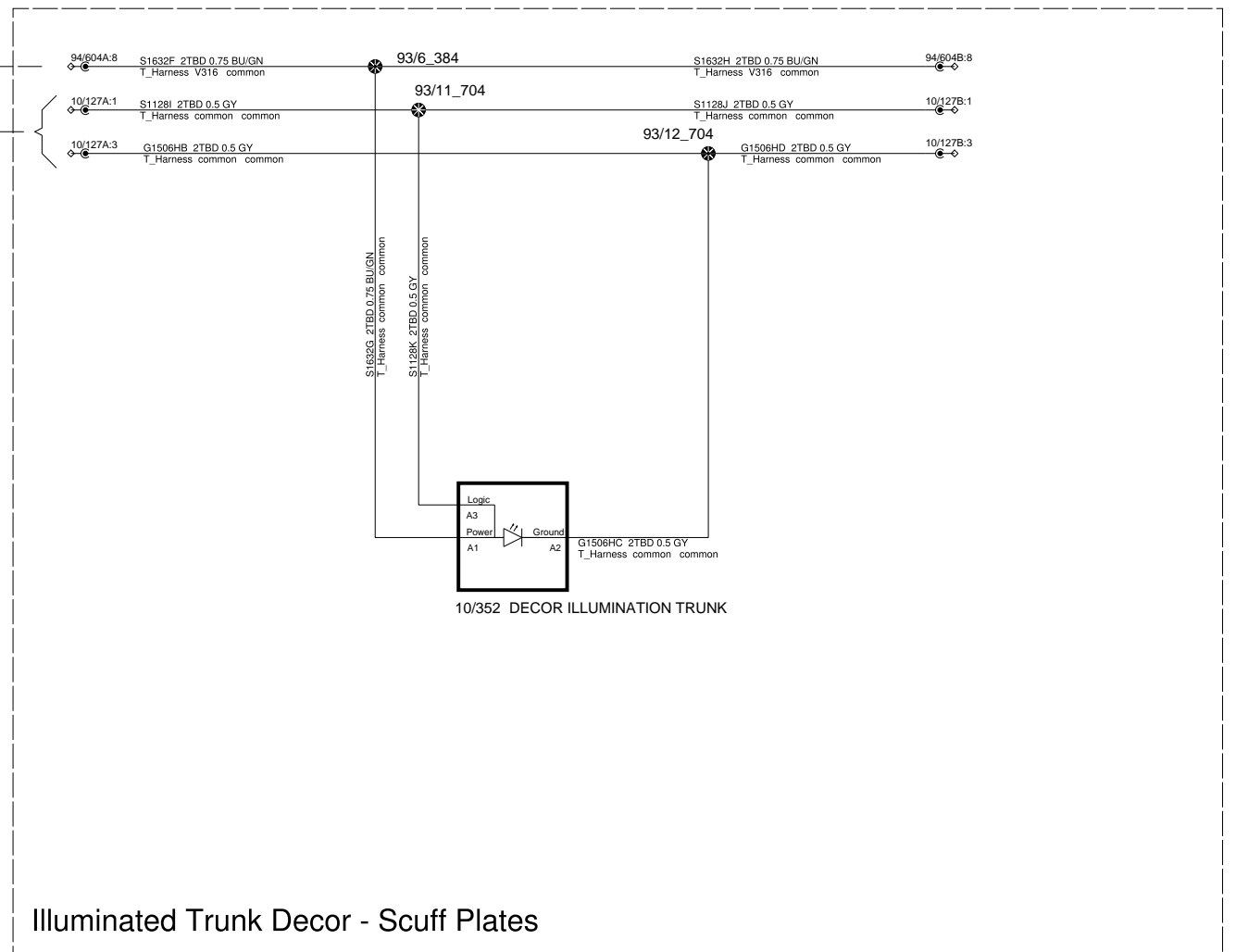
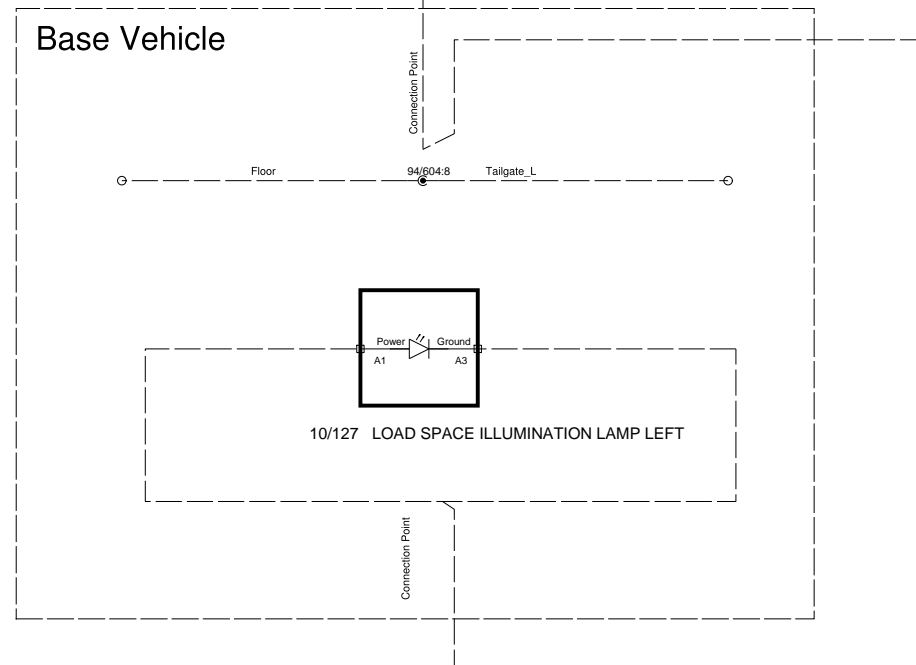
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	<b>Document Type</b> DRAW/ELSY	<b>Release Status</b> RELEASED
	CEVT Document No 8888522365	<b>Edited</b> September/29/2020
	<b>Issue</b> 030	<b>Page No</b> 45/149

# 1F4 Accessories LED Illumination

## Passthrough 94/604 - (14pol)



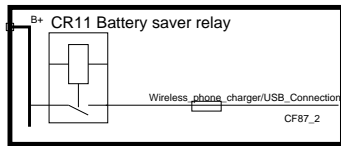
## Base Vehicle



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	<b>Document Type</b> DRAW/ELSY	<b>Release Status</b> RELEASED
	CEVT Document No 8888522365	<b>Edited</b> March/10/2022
	<b>Issue</b> 030	<b>Page No</b> 46/149

# 1F4 Accessories USB Hub Installation Aftermarket

Intended solution to provide USB Hub to replace USB1 functionality  
 [Valid up until structure 19W17]

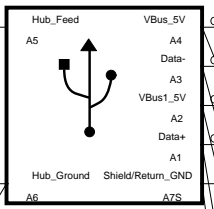


15/50.1 CENTRAL JUNCTION BOX

SB6055A 2TBD 0.5 RD  
 ACCESS\_USB\_HUB\_N\_HEV|PHEV USB\_1

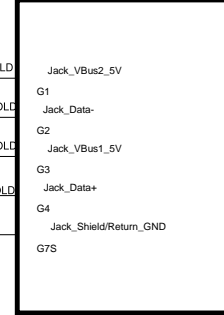
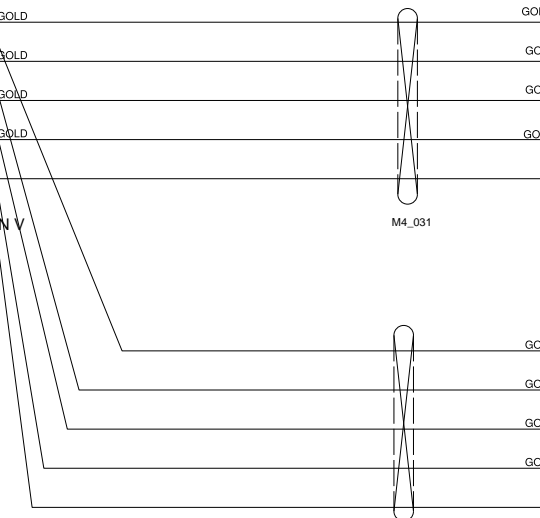
G1379B 2TBD 0.5 BK  
 ACCESS\_USB\_HUB\_RHD USB\_1  
 G1380E 2TBD 0.5 BK  
 ACCESS\_USB\_HUB\_LHD USB\_1

31/402 GROUND IP A-POST RIGHT

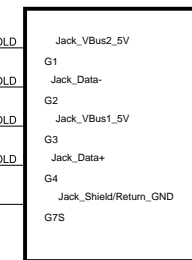


17/42.2 USB CONNECTION V

Wires shown on 7A Infotainment page



4/185 INFOTAINMENT HEAD UNIT IHU

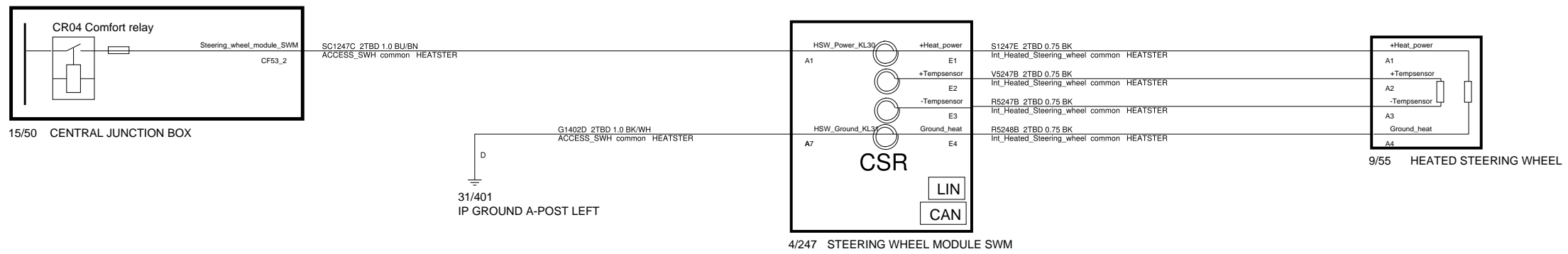


4/185.1 INFOTAINMENT HEAD UNIT IHU

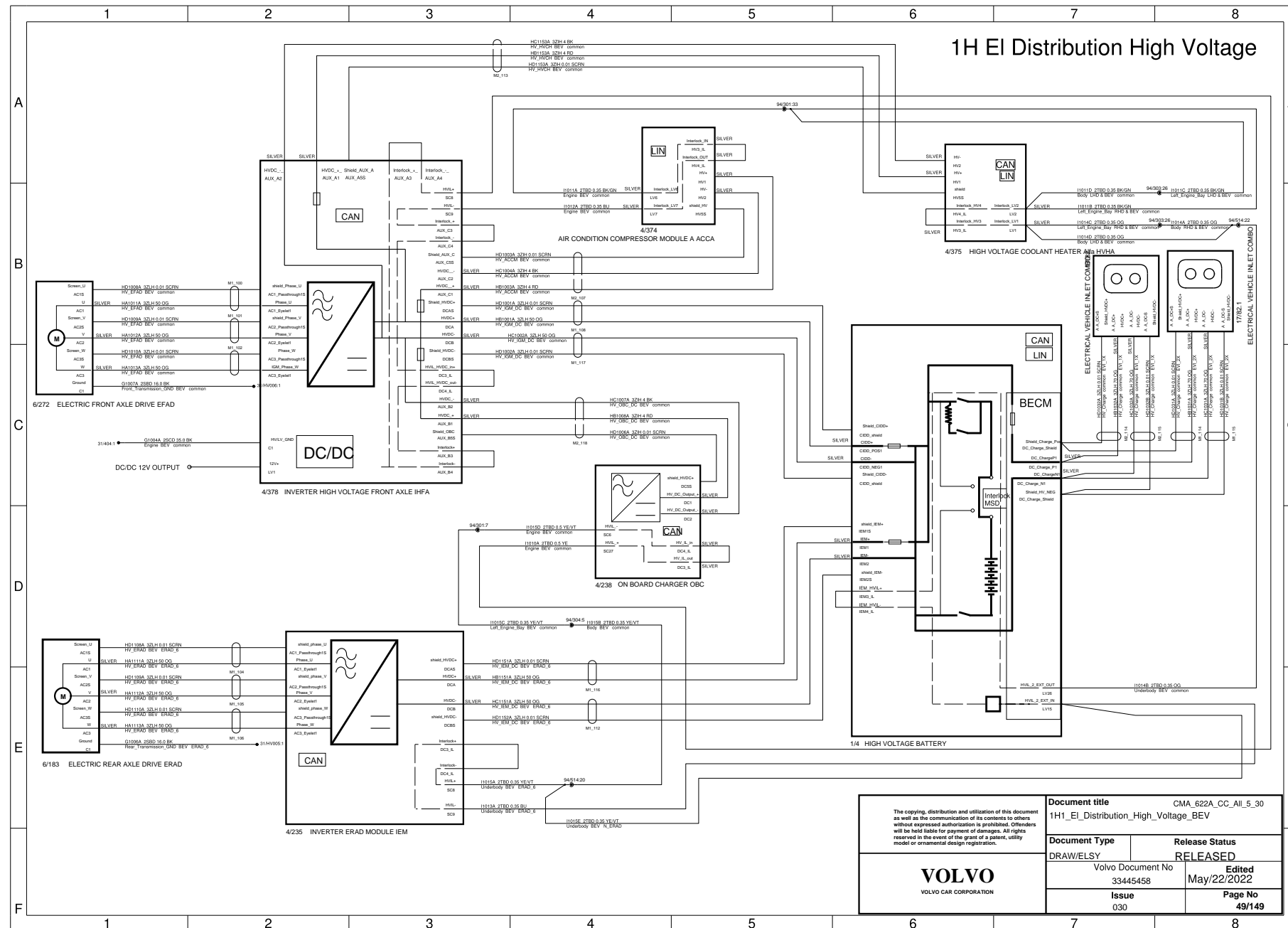
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	<b>Document Type</b> DRAW/ELSY	<b>Release Status</b> RELEASED
	CEVT Document No 8888522365	<b>Edited</b> May/22/2022
	<b>Issue</b> 030	<b>Page No</b> 47/149



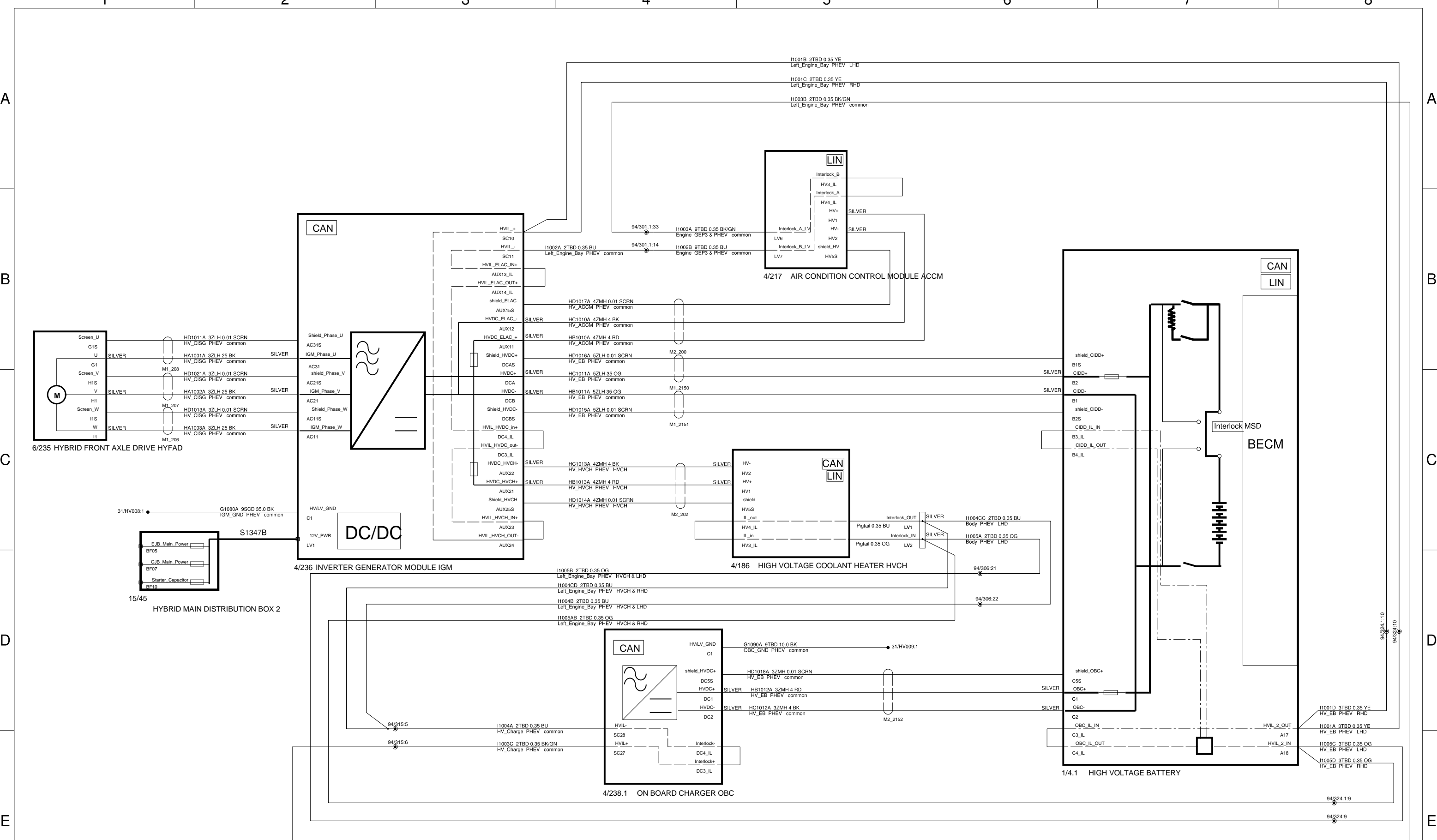
# 1F5 Accessories Steering Wheel Heating



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	<b>Document Type</b> DRAW/ELSY	<b>Release Status</b> RELEASED
	CEVT Document No 8888522365	<b>Edited</b> May/22/2022
	<b>Issue</b> 030	<b>Page No</b> 48/149

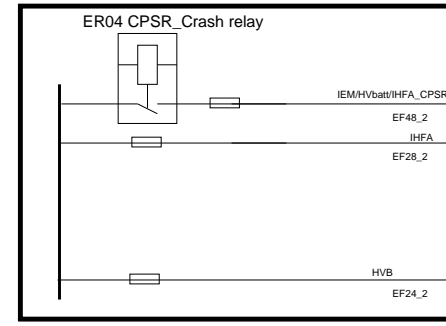


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<p>Document Type DRAW/ELSY</p>	<p>Release Status RELEASED</p>	<p>Issue 030</p>
<p>Volvo Document No 33445458</p>	<p>Edited May/22/2022</p>	<p>Page No 49/149</p>

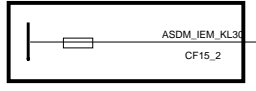


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		<p><b>Document Type</b> DRAW/ELSY</p>	<p><b>Release Status</b> RELEASED</p>
		<p>CEVT Document No 8888522365</p>	<p><b>Edited</b> March/18/2022</p>
		<p><b>Issue</b> 030</p>	<p><b>Page No</b> 50/149</p>

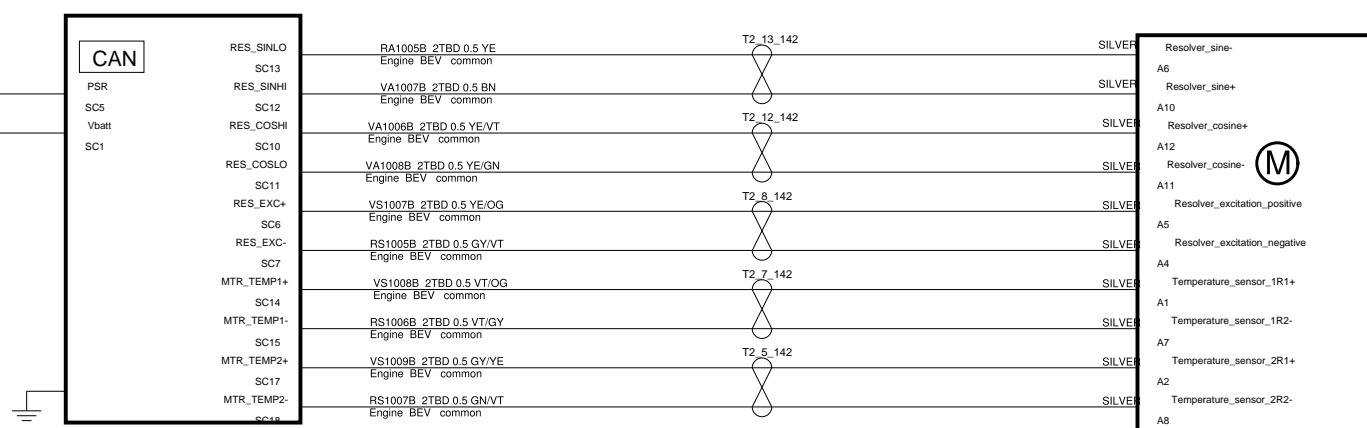
# 1K EI Energy Management High Voltage



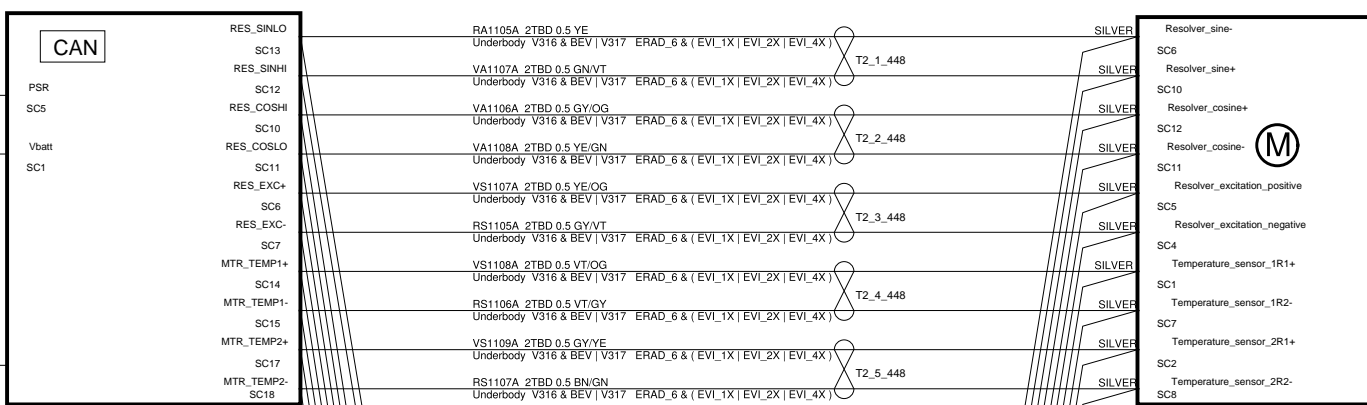
15/49 ENGINE JUNCTION BOX



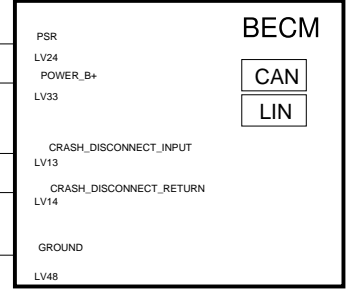
15/50 CENTRAL JUNCTION BOX



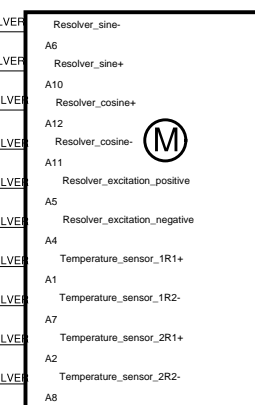
4/378 INVERTER HIGH VOLTAGE FRONT AXLE IHFA



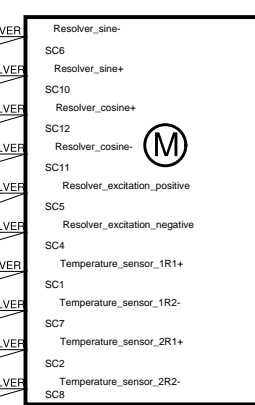
4/235 INVERTER ERAD MODULE IEM



1/4 HIGH VOLTAGE BATTERY

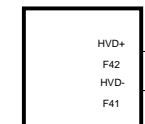


6/272 ELECTRIC FRONT AXLE DRIVE EFAD

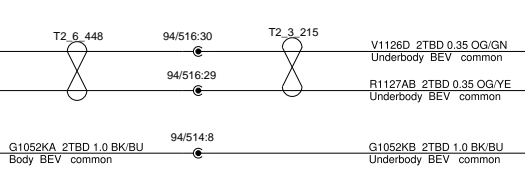


6/183 ELECTRIC REAR AXLE DRIVE ERAD

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		<p><b>Document Type</b> DRAW/ELSY</p>	<p><b>Release Status</b> RELEASED</p>
<p>Volvo Document No 33445458</p>		<p><b>Edited</b> May/22/2022</p>	
<p><b>Issue</b> 030</p>		<p><b>Page No</b> 51/149</p>	

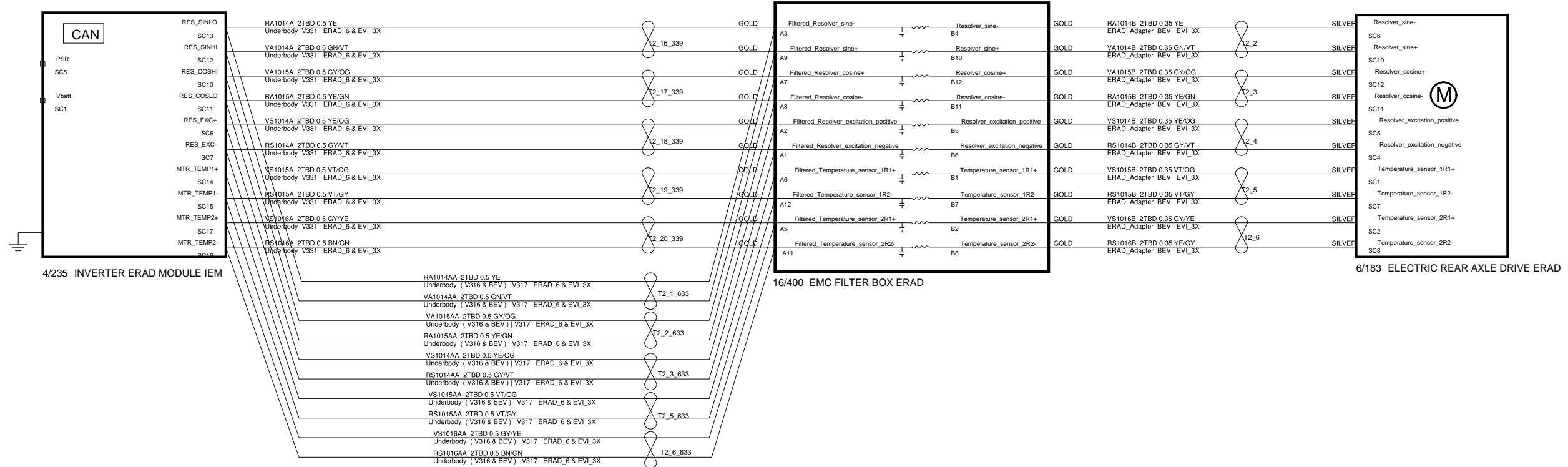


4/176 SUPPLEMENTARY RESTRAINT SYSTEM SRS

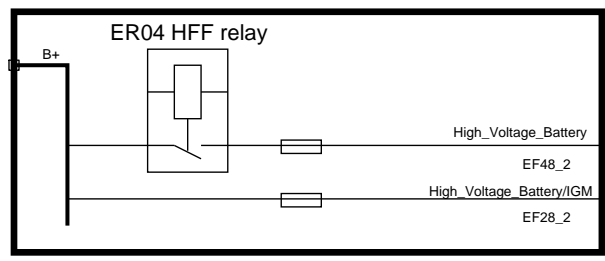


31/504.B:1

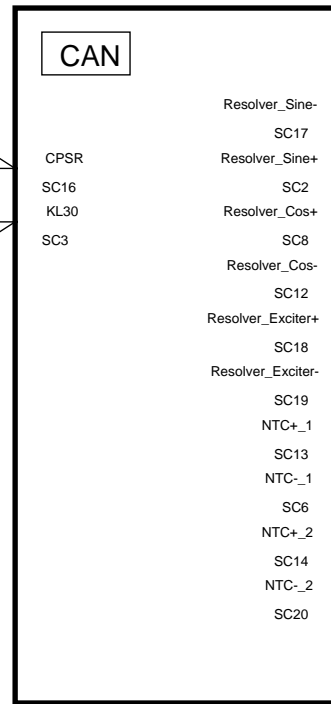
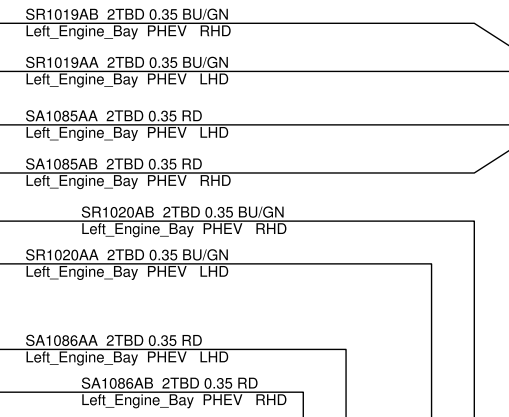
# 1K EI Energy Management High Voltage-China Market ARTEI-27579



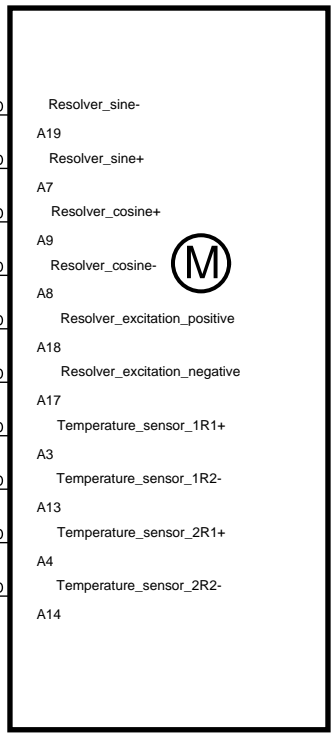
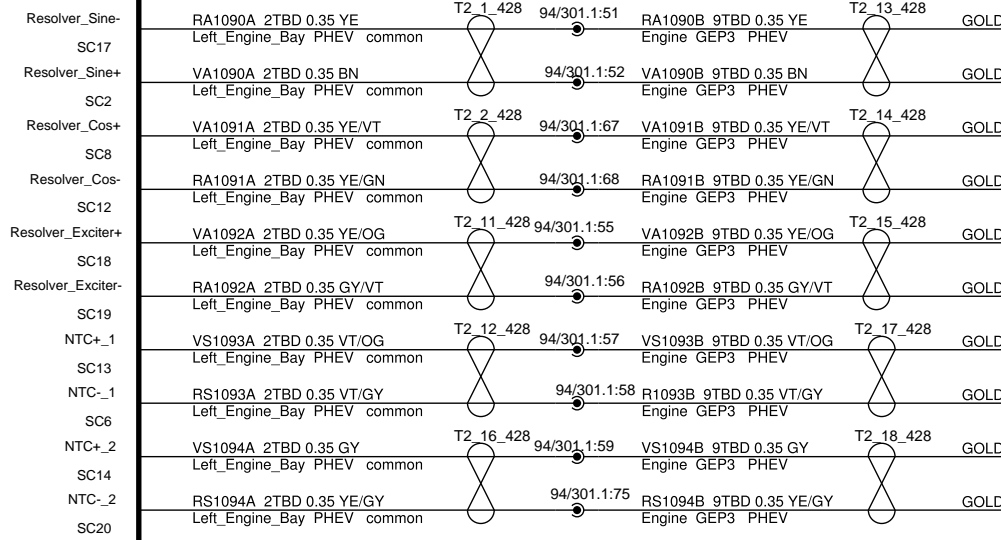
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	<p><b>Document Type</b> DRAW/ELSY</p>	<p><b>Release Status</b> RELEASED</p>
	<p>CEVT Document No 8888522365</p>	<p><b>Edited</b> February/16/2022</p>
	<p><b>Issue</b> 030</p>	<p><b>Page No</b> 52/149</p>



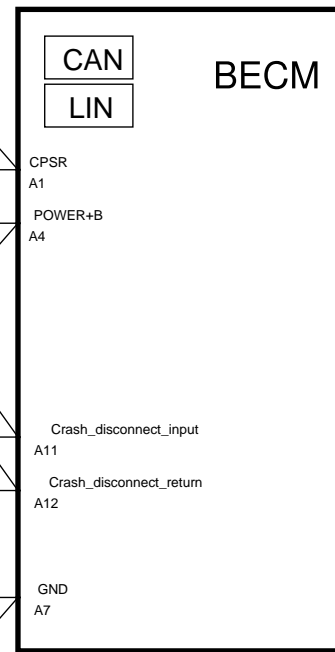
15/49.1 ENGINE JUNCTION BOX



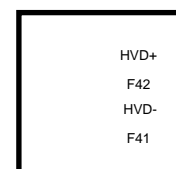
4/236 INVERTER GENERATOR MODULE IGM



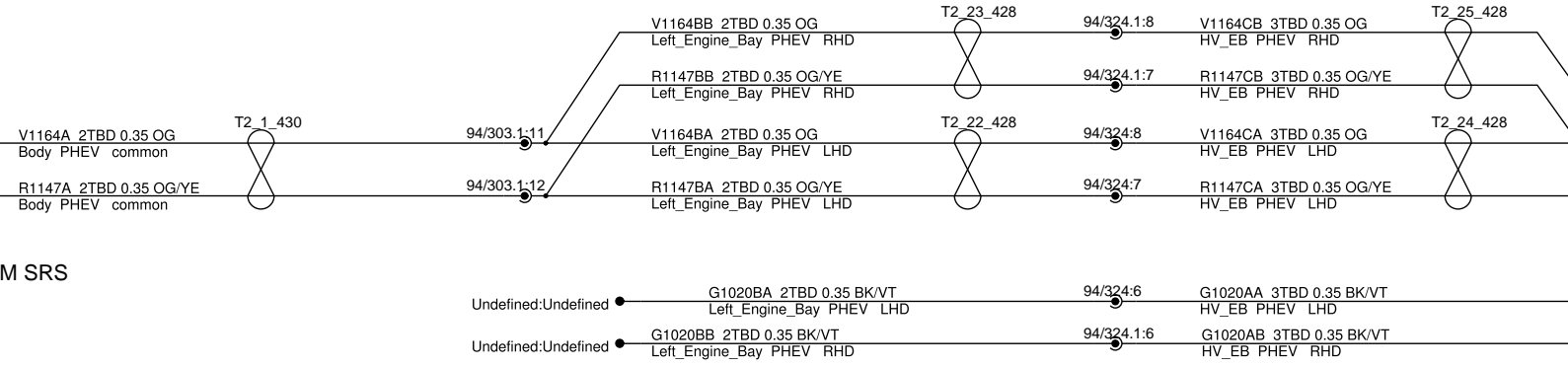
6/235 HYBRID FRONT AXLE DRIVE HYFAD



1/4.1 HIGH VOLTAGE BATTERY



4/176 SUPPLEMENTARY RESTRAINT SYSTEM SRS

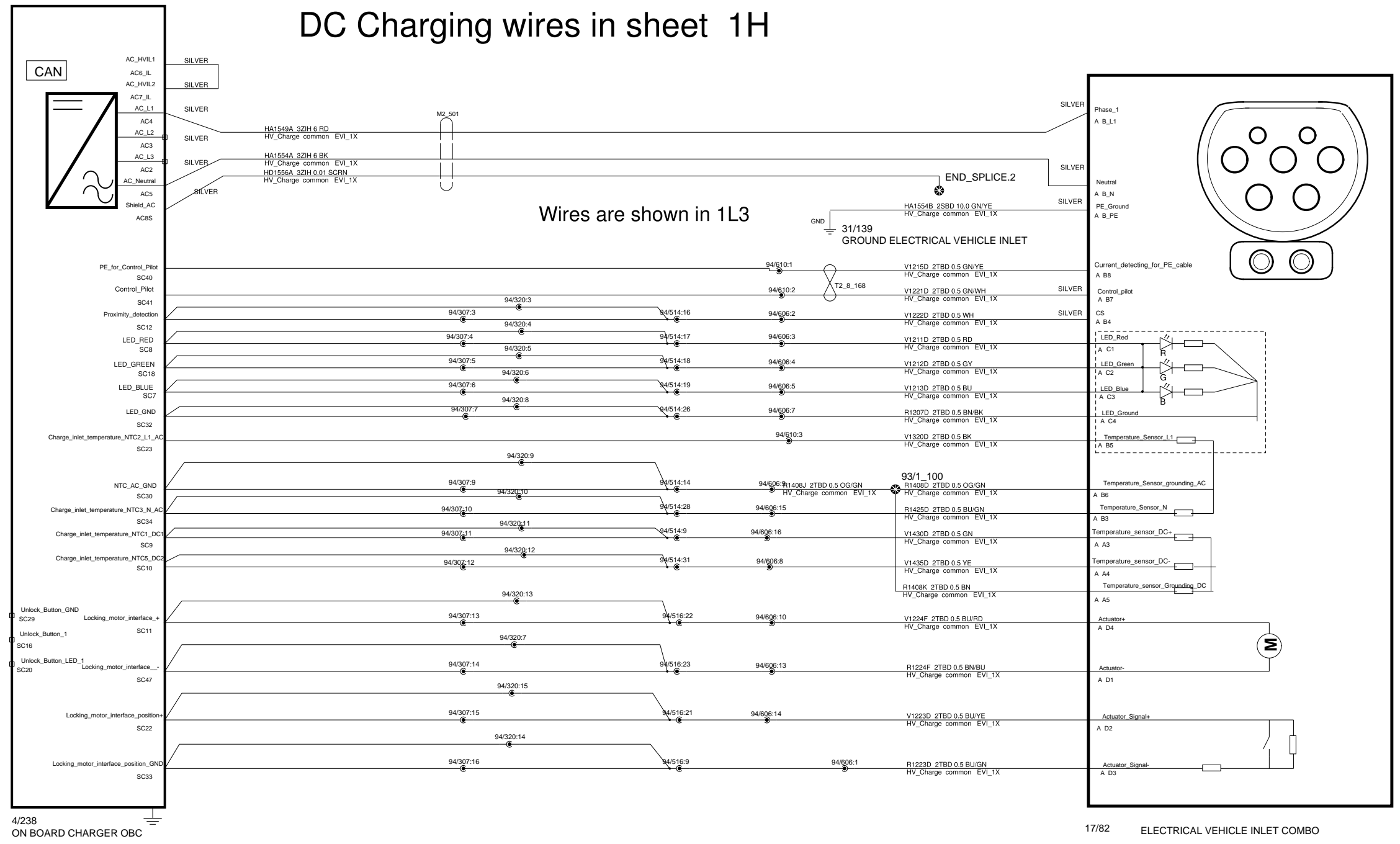


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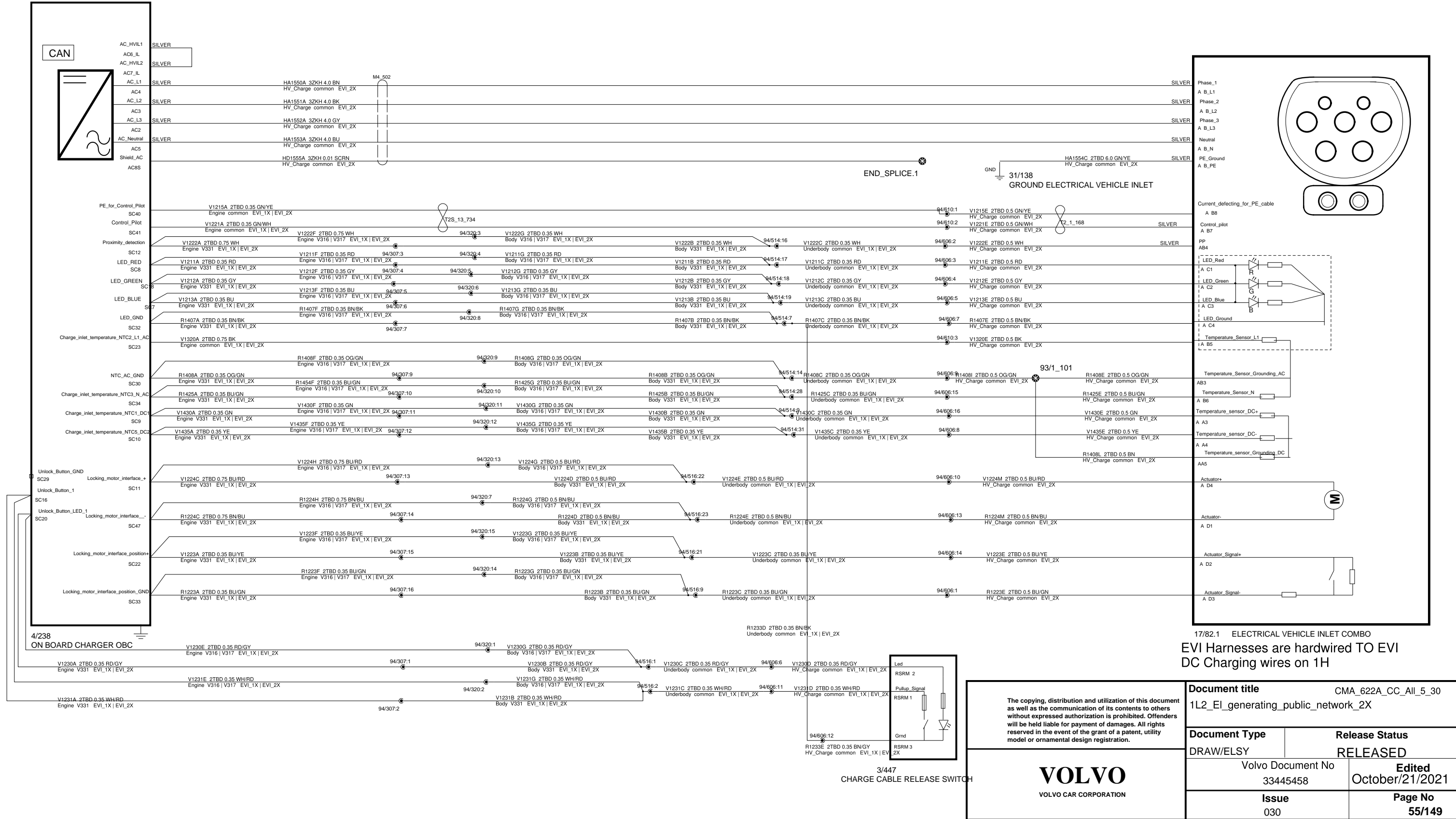
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<b>Document Type</b> DRAW/ELSY	<b>Release Status</b> RELEASED
CEVT Document No 8888522365	<b>Edited</b> March/17/2022
<b>Issue</b> 030	<b>Page No</b> 53/149

### DC Charging wires in sheet 1H



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	<p>CEVT Document No 8888522365</p>	<p><b>Edited</b> October/21/2021</p>
	<p><b>Issue</b> 030</p>	<p><b>Page No</b> 54/149</p>

# 1L3 EI generating public network



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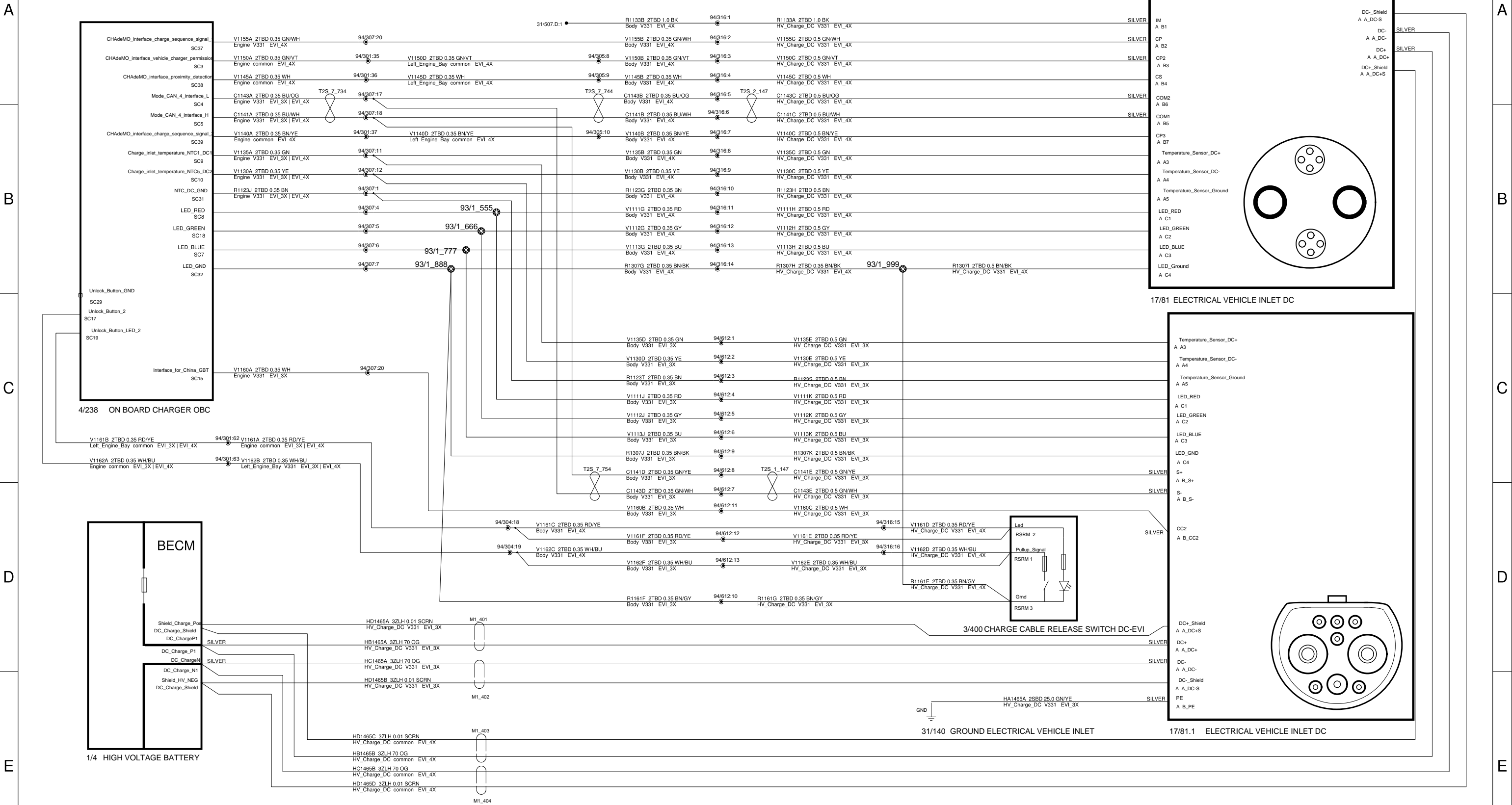
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<b>Document Type</b>	<b>Release Status</b>		
DRAW/ELSY	RELEASED		
Volvo Document No		<b>Edited</b>	
33445458		October/21/2021	
<b>Issue</b>		<b>Page No</b>	
030		55/149	



# 1L4 EI generating public network

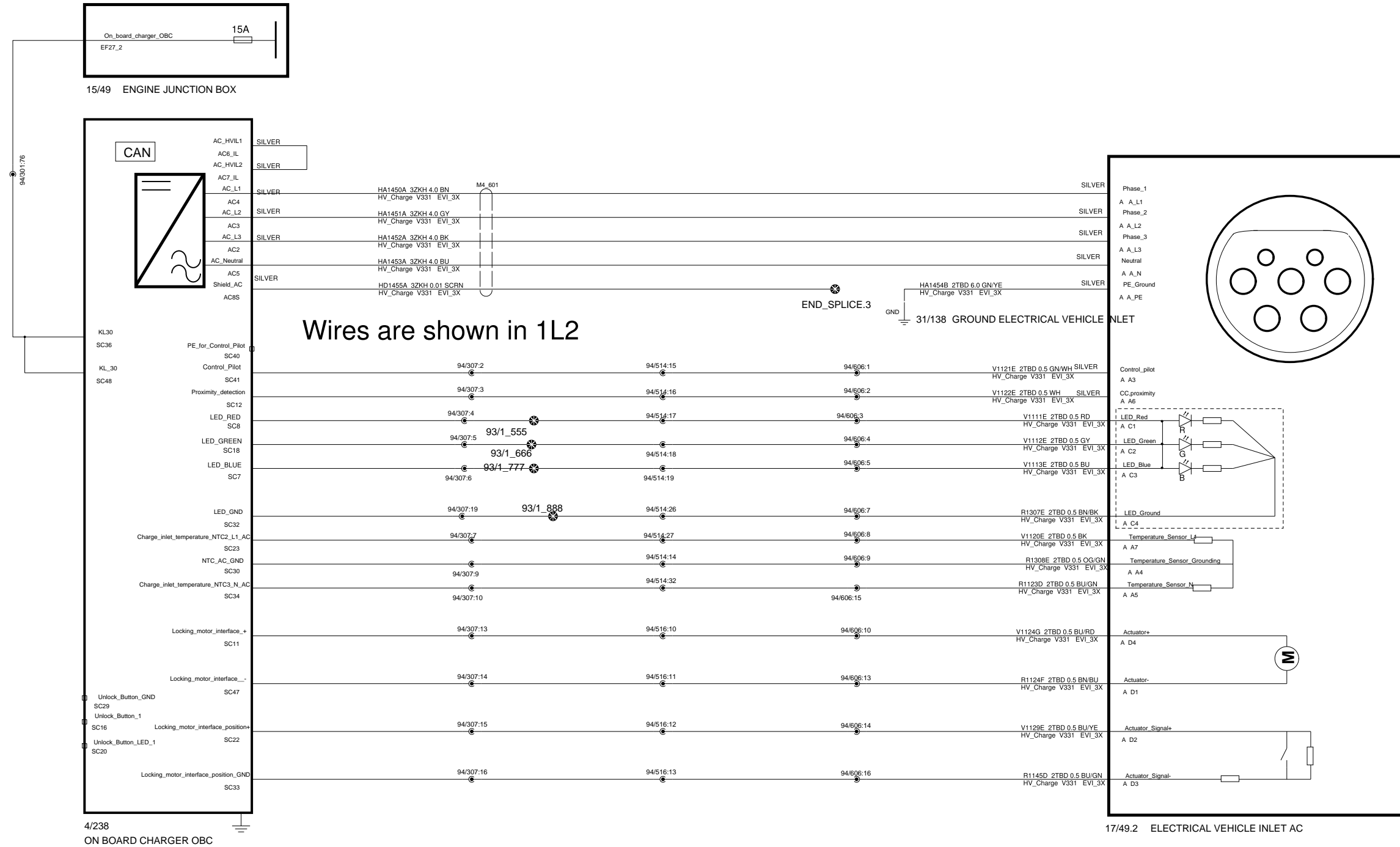
EVI harnesses are hardwired to EVI

## GROUND ELECTRICAL VEHICAL INLET



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		<p><b>Document Type</b> DRAW/ELSY</p>	<p><b>Release Status</b> RELEASED</p>
<p><b>VOLVO</b> VOLVO CAR CORPORATION</p>		<p>CEVT Document No 8888522365</p>	<p><b>Edited</b> February/17/2022</p>
		<p><b>Issue</b> 030</p>	<p><b>Page No</b> 56/149</p>

# 1L7 EI generating public network



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	<b>Document Type</b> DRAW/ELSY	<b>Release Status</b> RELEASED
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	<b>Issue</b> 030	<b>Page No</b> 57/149

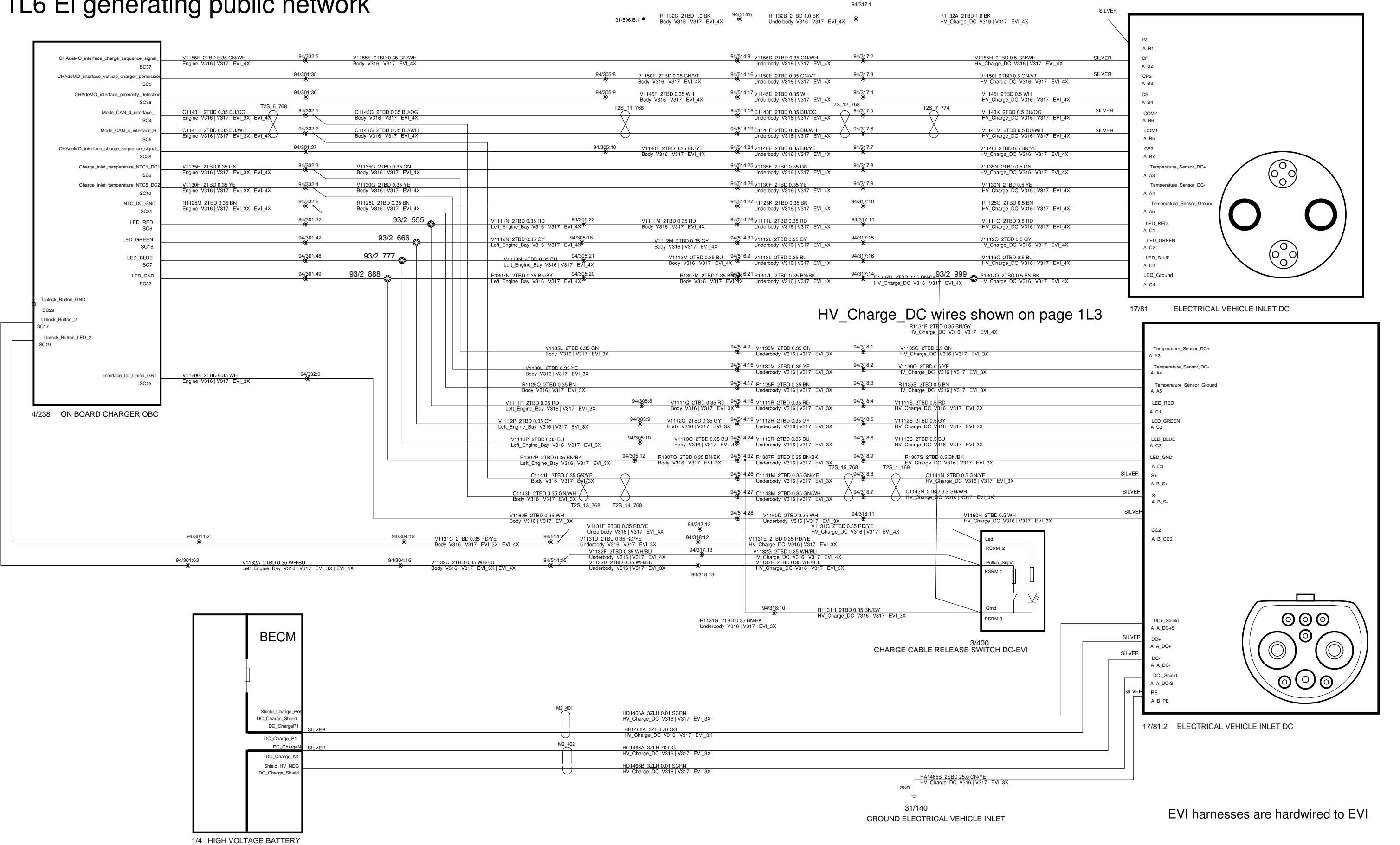
# 1L2 EI generating public network



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<p><b>Document Type</b> DRAW/ELSY</p>		<p><b>Release Status</b> RELEASED</p>	
<p><b>Volvo Document No</b> 33445458</p>		<p><b>Edited</b> March/09/2022</p>	
<p><b>Issue</b> 030</p>		<p><b>Page No</b> 58/149</p>	

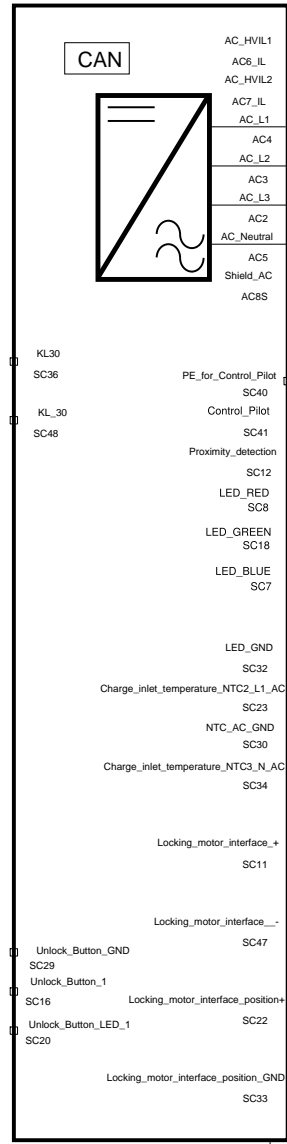


# 1L6 EI generating public network

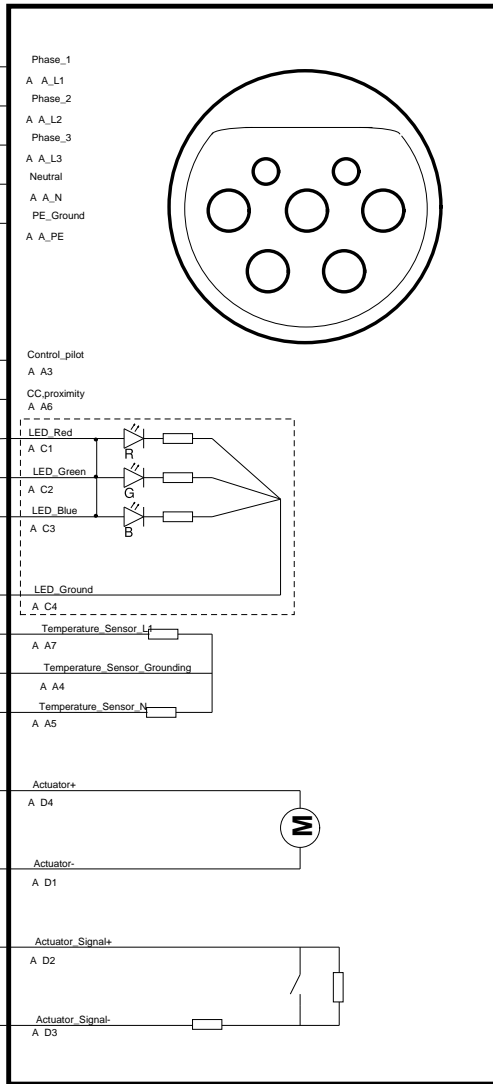
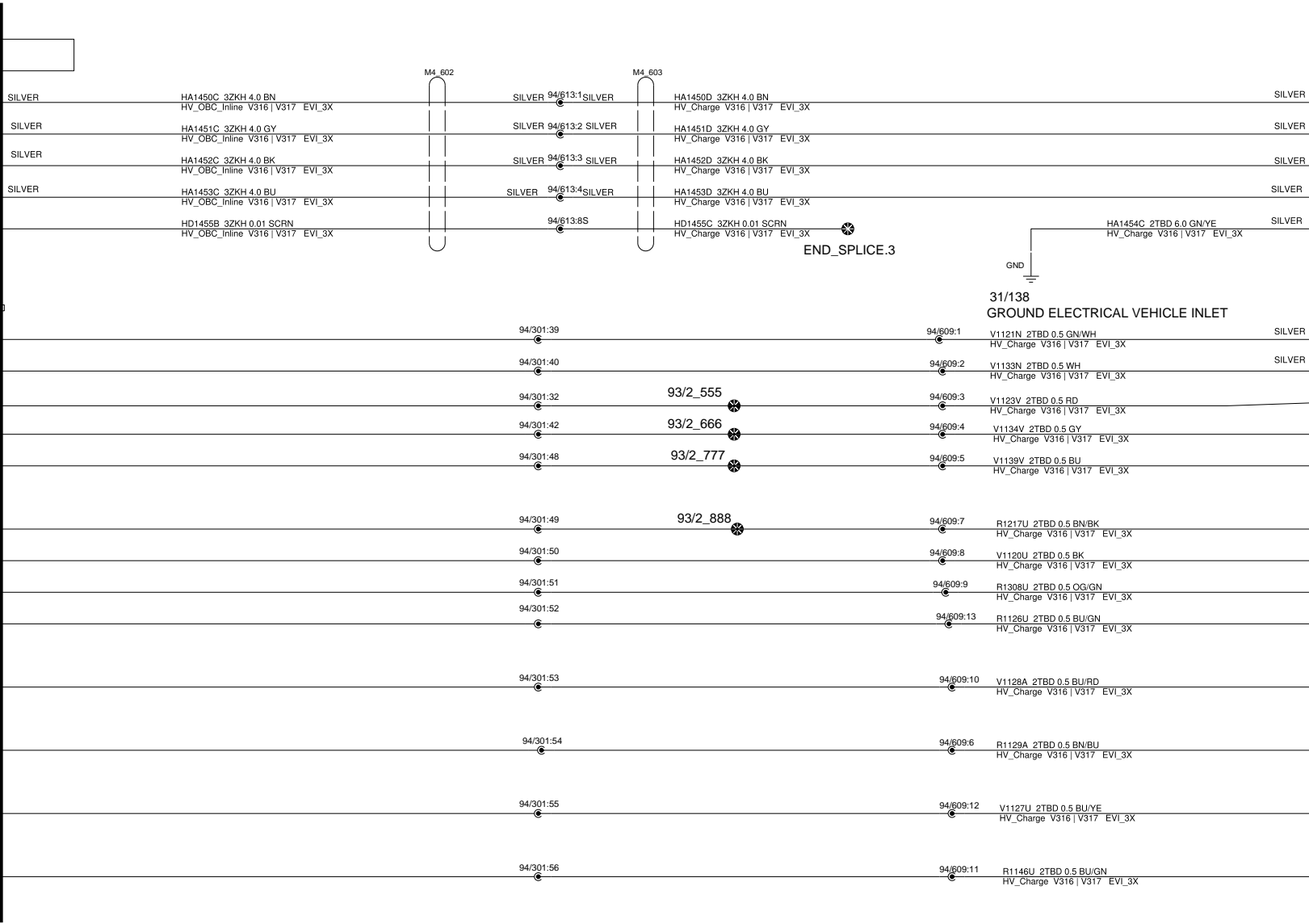


HV\_Charge\_DC wires shown on page 1L3

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		<p>Document Type DRAW/ELSY</p>	<p>Release Status RELEASED</p>
<p>VOLVO VOLVO CAR CORPORATION</p>		<p>CEVT Document No 8888522365</p>	<p>Edited February/17/2022</p>
		<p>Issue 030</p>	<p>Page No 59/149</p>

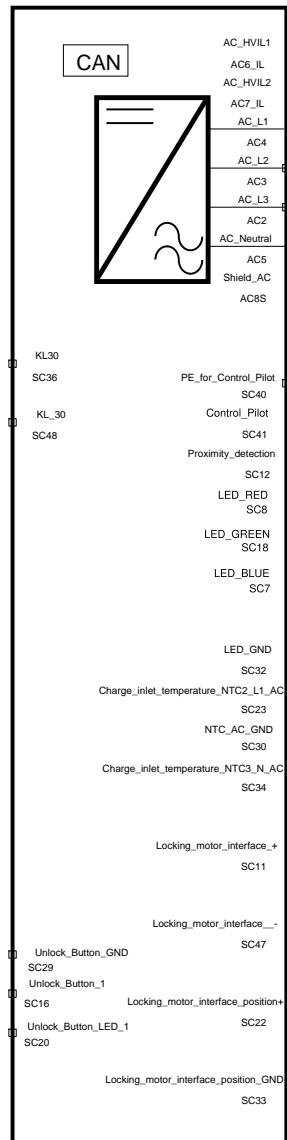


4/238  
ON BOARD CHARGER OBC

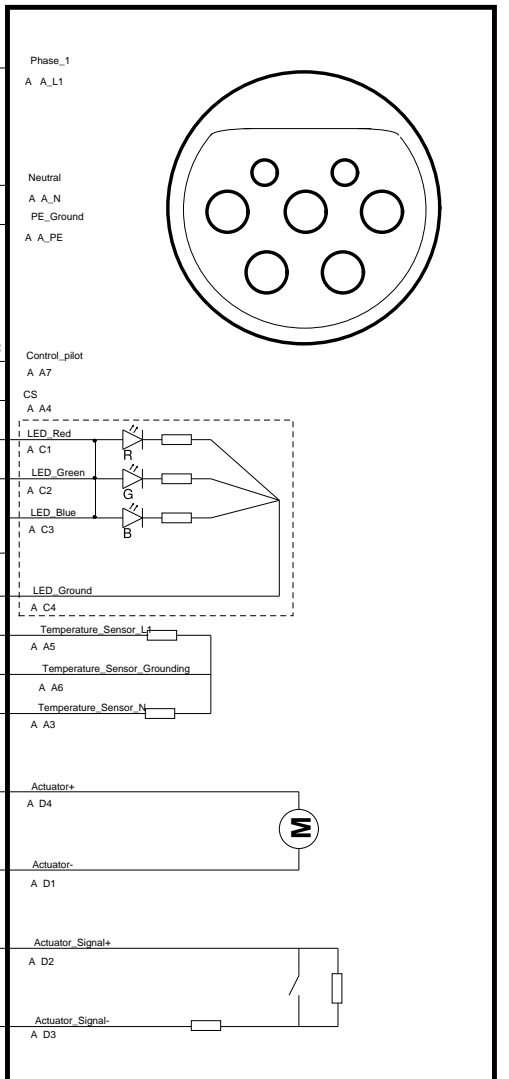
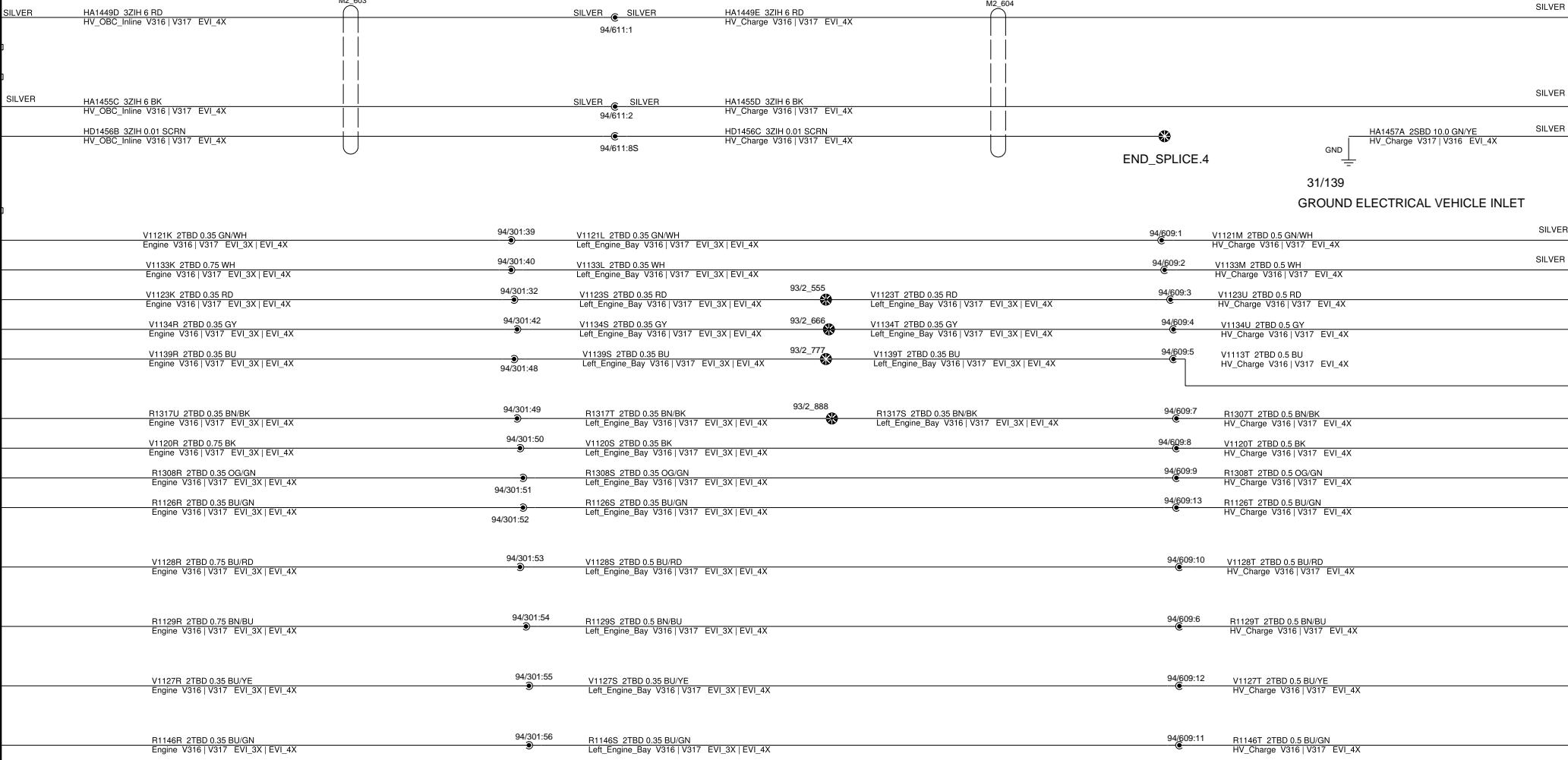


17/49.3  
ELECTRICAL VEHICLE INLET AC

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	<p><b>Issue</b> 030</p>	<p><b>Page No</b> 60/149</p>

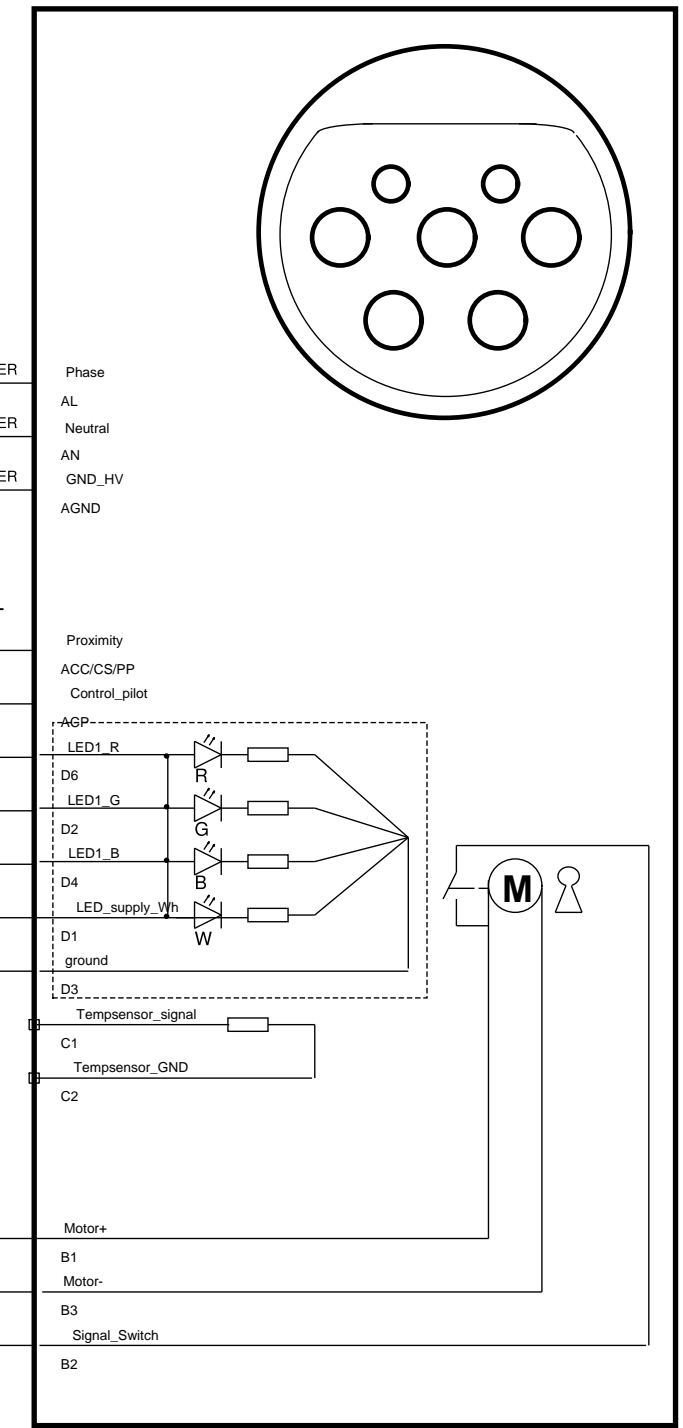
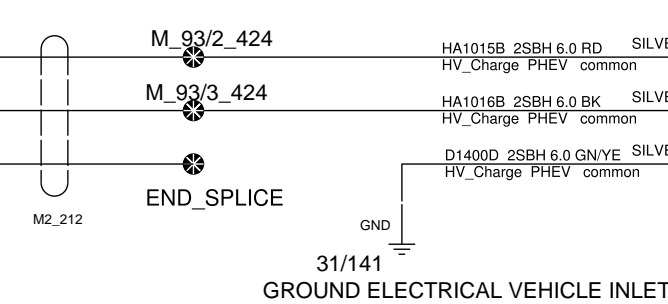
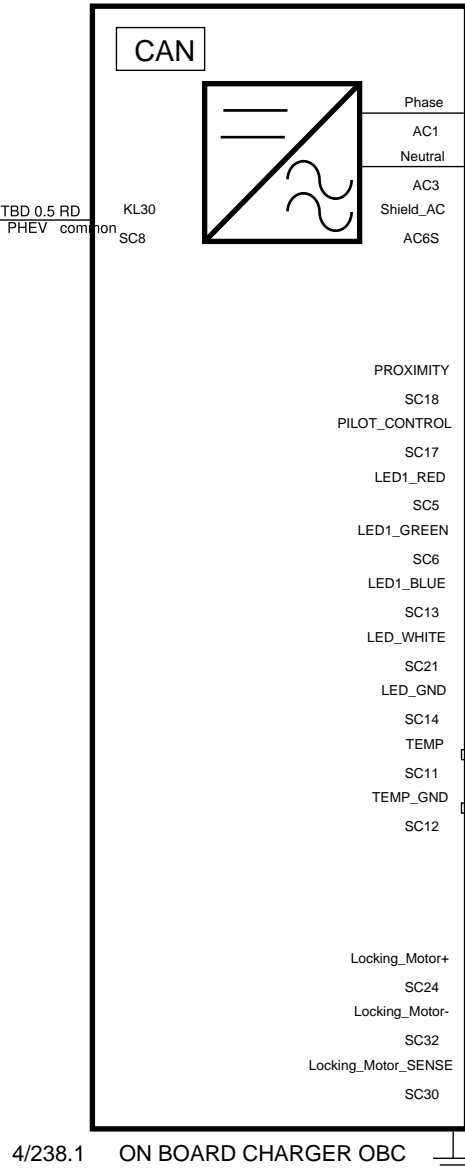
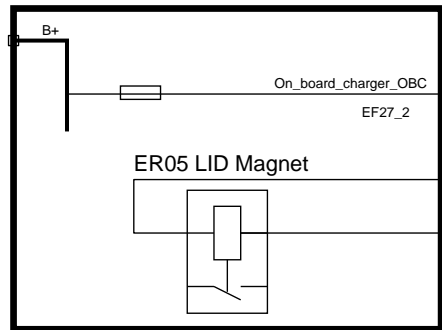


4/238  
ON BOARD CHARGER OBC

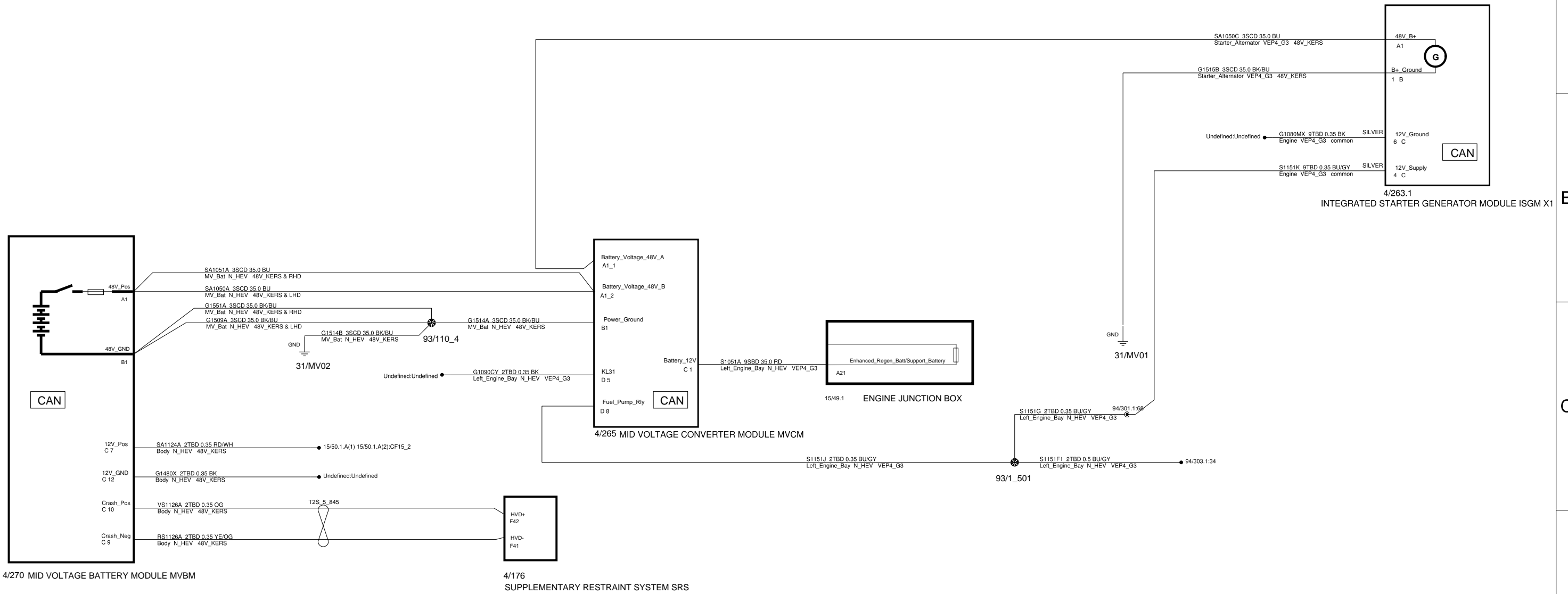


17/49 ELECTRICAL VEHICLE INLET AC

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	<b>Issue</b> 030	<b>Page No</b> 61/149

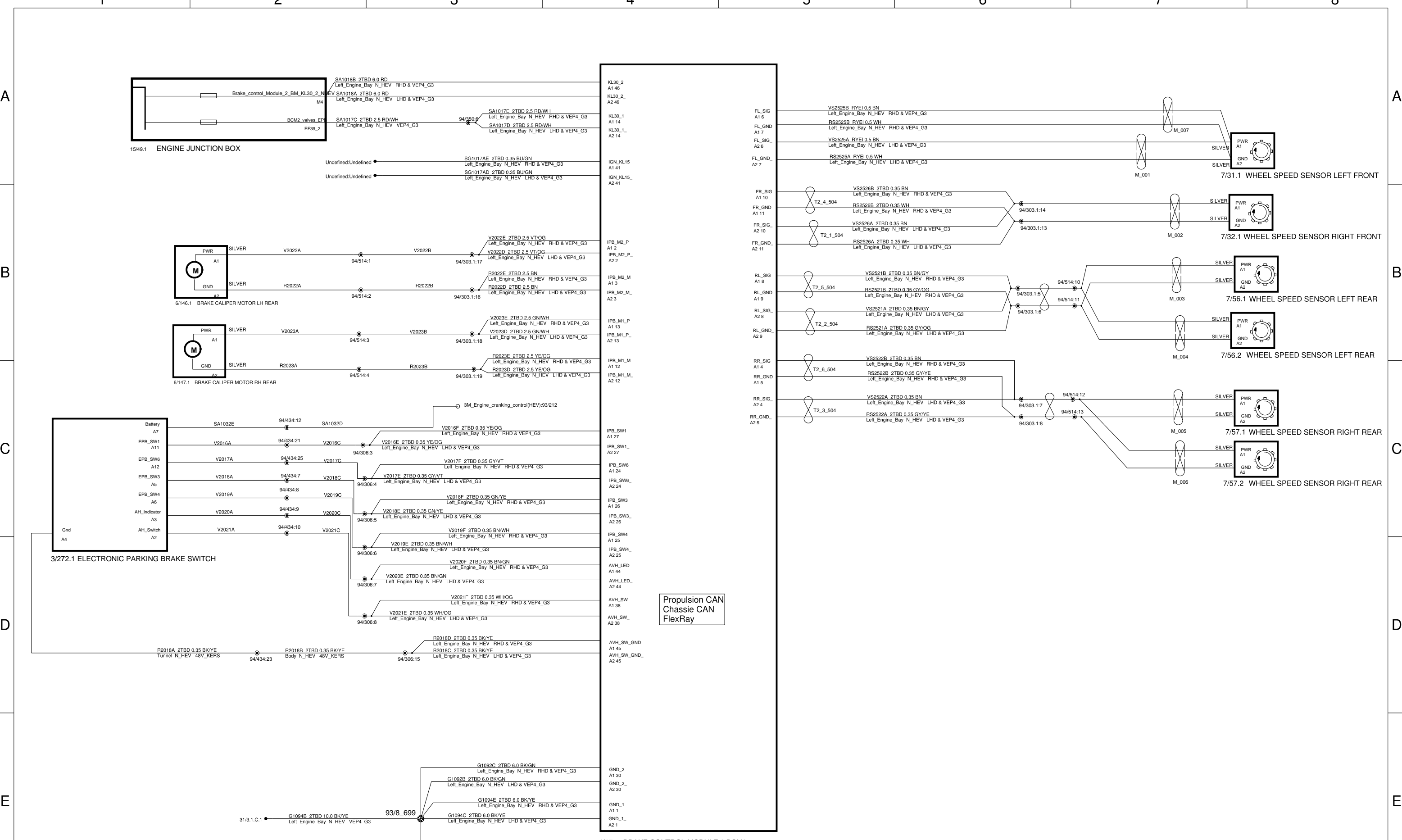


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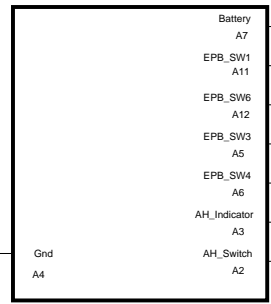
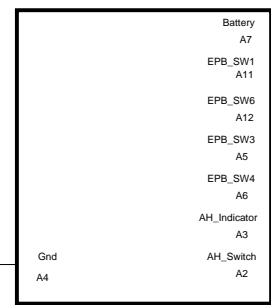
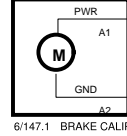
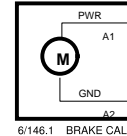
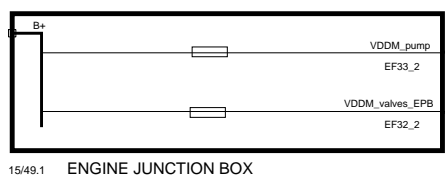
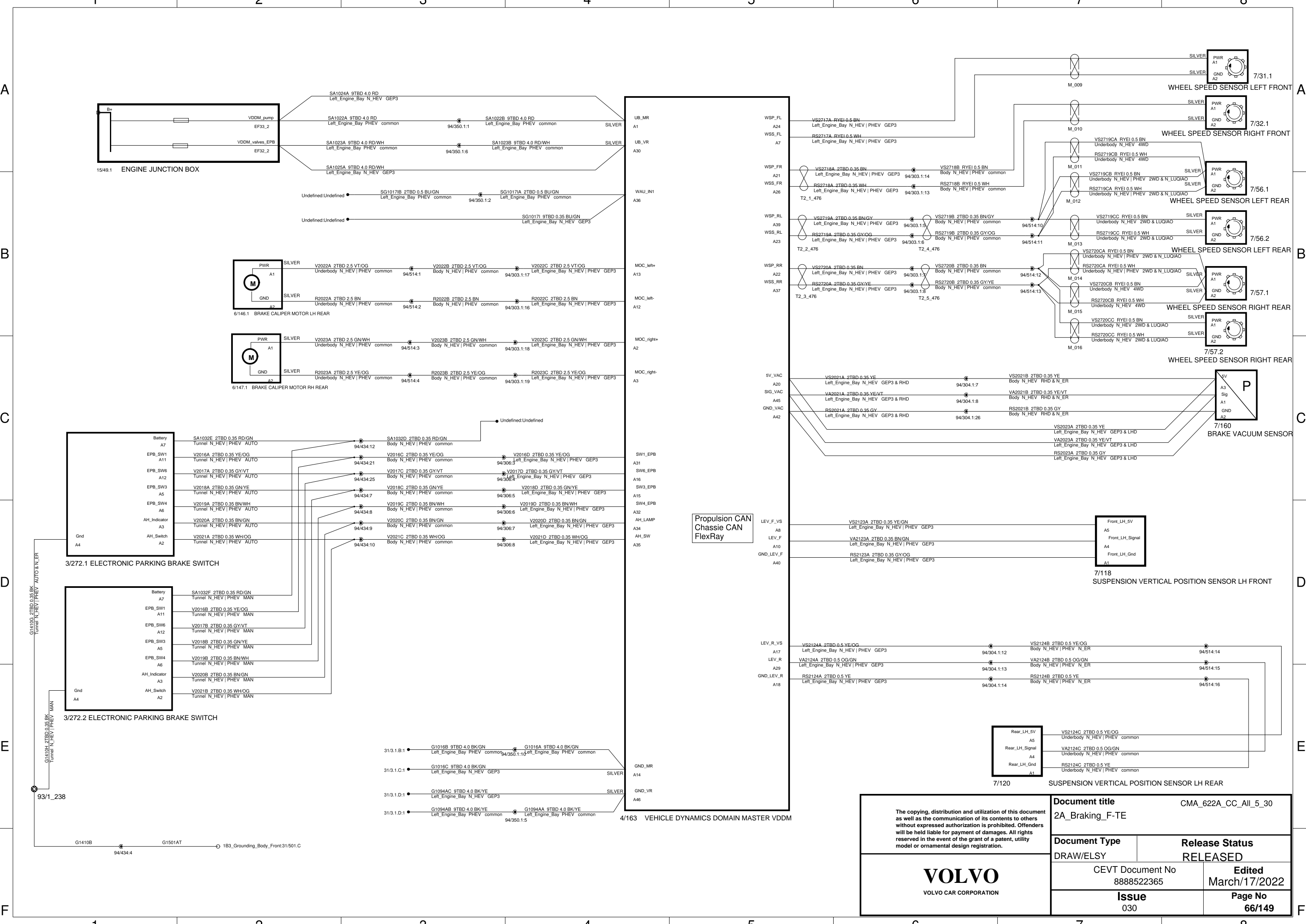


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	<b>Document Type</b> DRAW/ELSY	<b>Release Status</b> RELEASED
	CEVT Document No 8888522365	<b>Edited</b> February/17/2022
	<b>Issue</b> 030	<b>Page No</b> 63/149

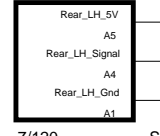
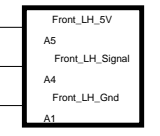




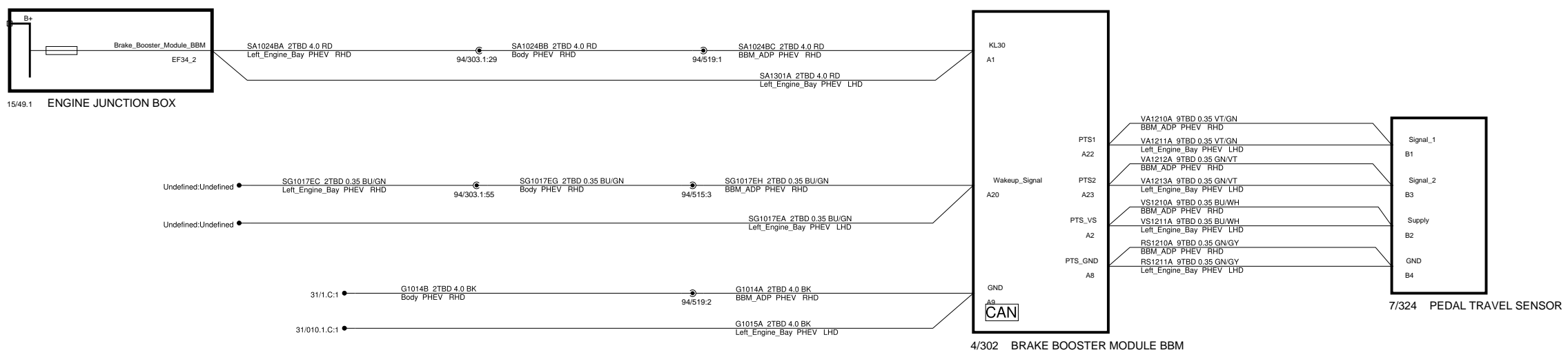
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		<b>CEVT Document No</b> 8888522365	<b>Edited</b> December/13/2021
		<b>Issue</b> 030	<b>Page No</b> 65/149



Propulsion CAN  
Chassis CAN  
FlexRay

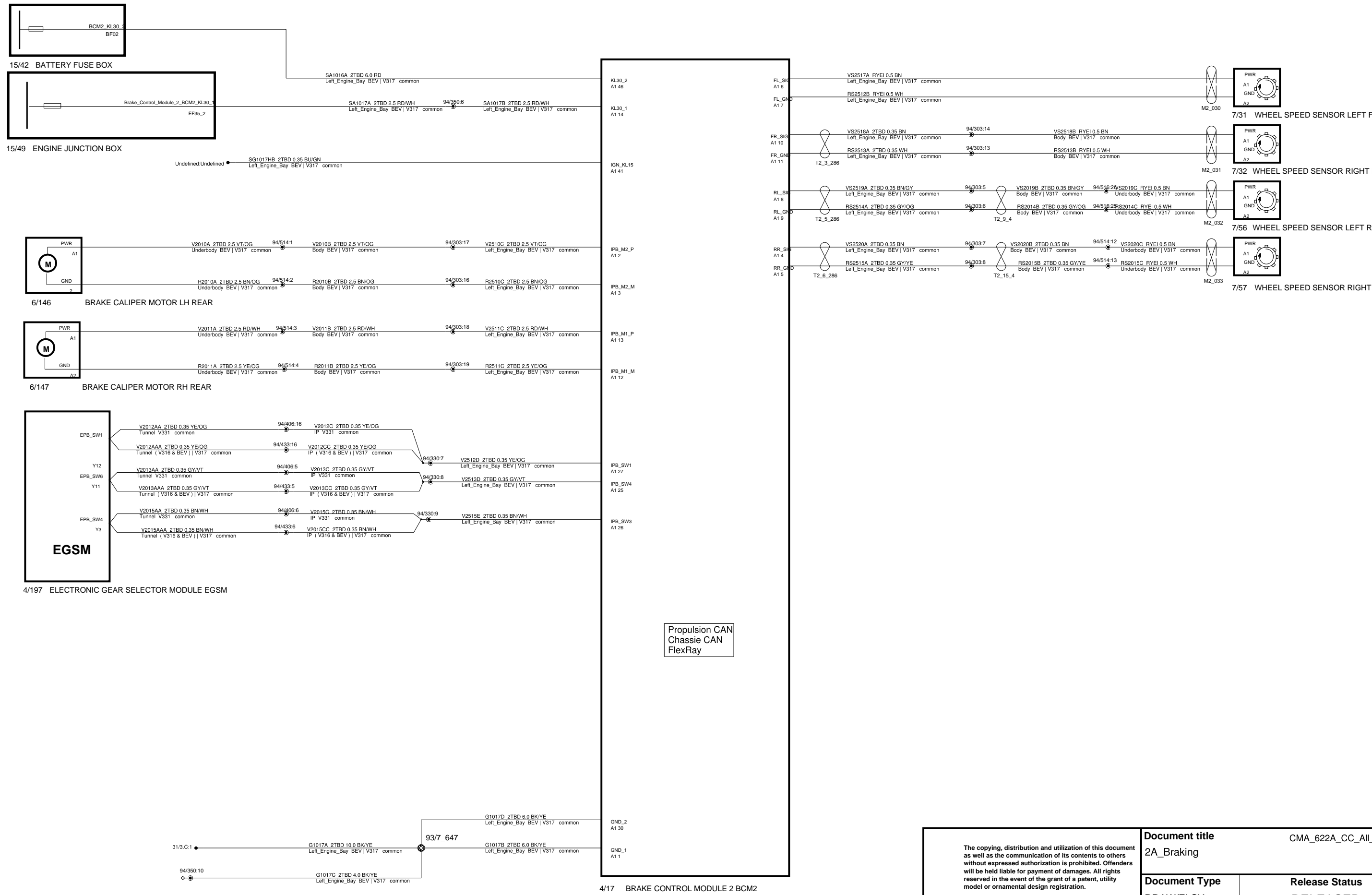


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		<p>CEVT Document No 8888522365</p>	<p><b>Edited</b> March/17/2022</p>
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	<b>Issue</b> 030	<b>Page No</b> 67/149

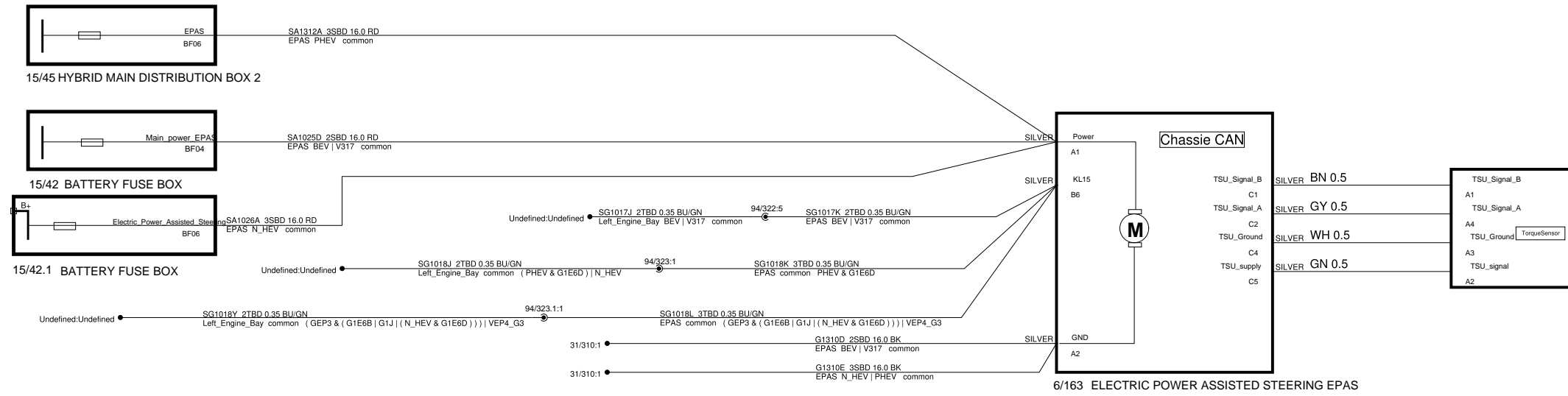
# 2A Braking



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Chassie CAN  
FlexRay

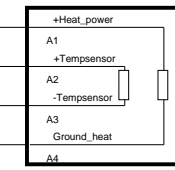
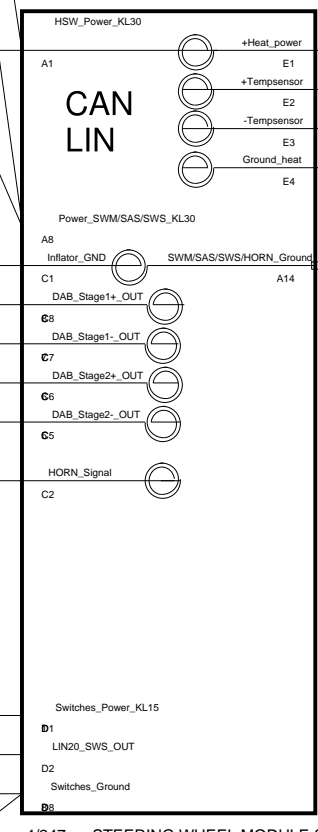
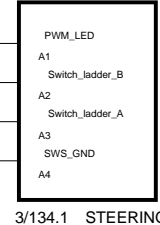
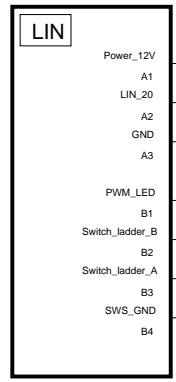
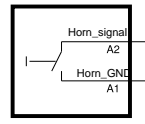
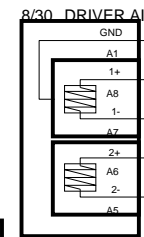
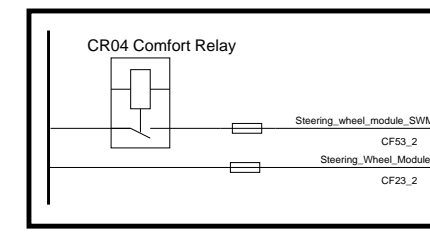
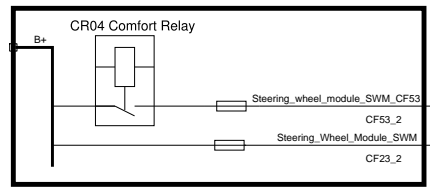
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	Volvo Document No 33445458	<b>Edited</b> December/13/2021
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# 2E Power Steering



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	<b>Document Type</b> DRAW/ELSY	<b>Release Status</b> RELEASED
	Volvo Document No 33445458	<b>Edited</b> May/22/2022
	<b>Issue</b> 030	<b>Page No</b> 69/149

# 2E2 Steering



Wires found on 5G\_Steering\_Wheel\_Heating  
 SA1130A 2TBD 0.5 RD:WH Body N\_HEV|PHEV common 94/404.1:47 SA1130B 2TBD 0.5 RD:WH IP N\_HEV|PHEV common

Wires found on 5G\_Steering\_Wheel\_Heating  
 SA1129A 2TBD 0.5 RD:WH Body BEV common 94/404:48 SA1129B 2TBD 0.5 RD:WH IP BEV common

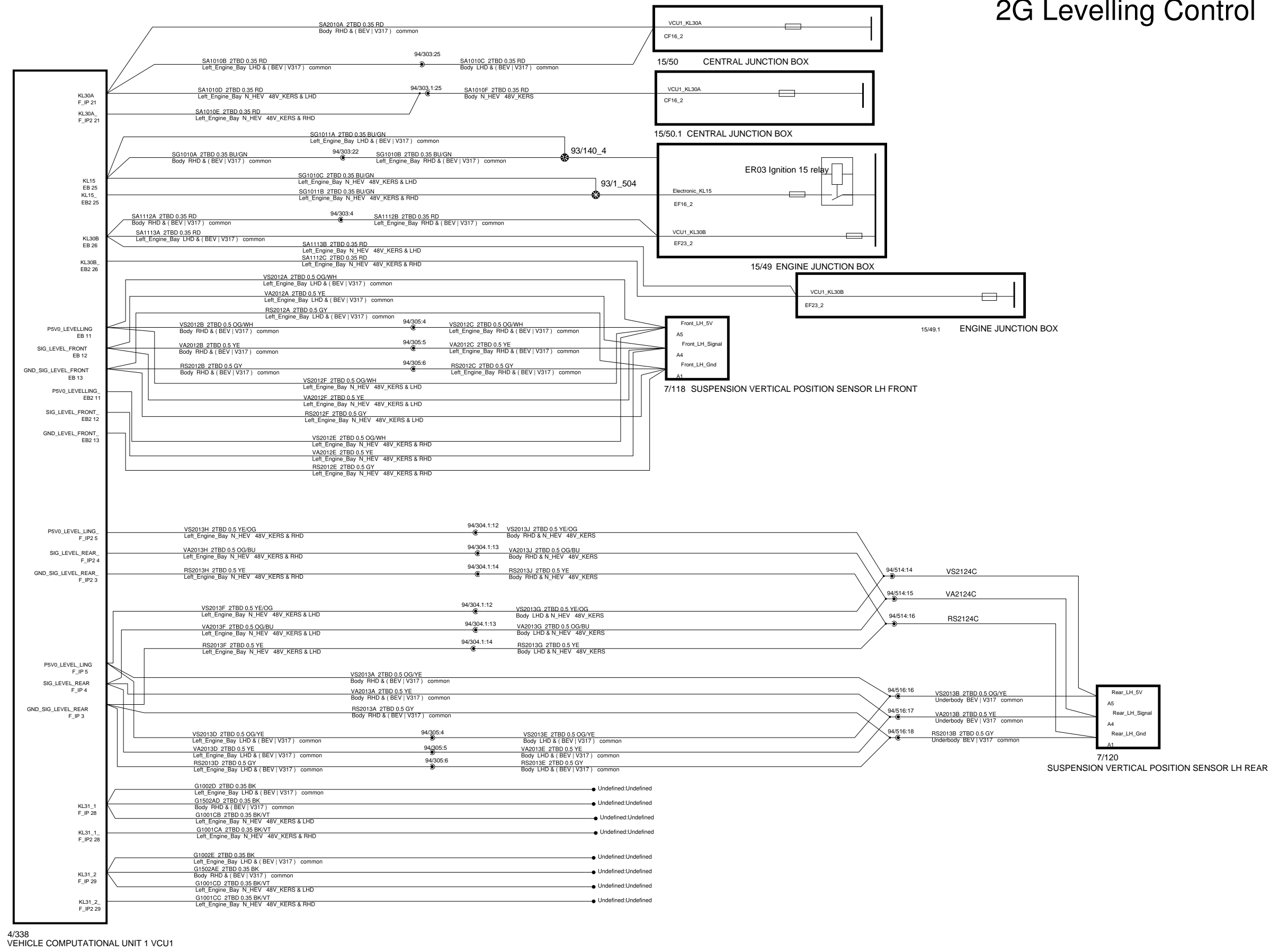
Wires found on 2P\_Supplementary\_Restraint\_System\_Igniters

Wires found on 8P\_Sound\_signaling

Wires found on 5G\_Steering\_Wheel\_Heating

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	<b>Document Type</b> DRAW/ELSY	<b>Release Status</b> RELEASED
	Volvo Document No 33445458	<b>Edited</b> June/16/2021
	<b>Issue</b> 030	<b>Page No</b> 68/149

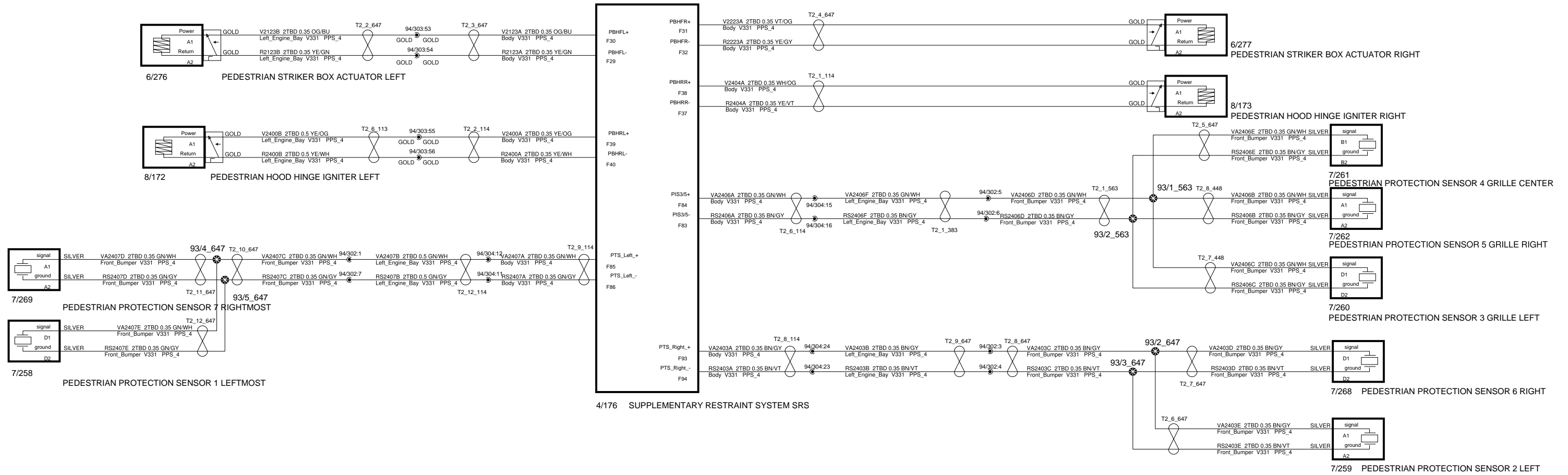
# 2G Levelling Control



4/338  
VEHICLE COMPUTATIONAL UNIT 1 VCU1

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	<b>Document Type</b> DRAW/ELSY	<b>Release Status</b> RELEASED
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<b>Issue</b> 030	<b>Page No</b> 70/149	

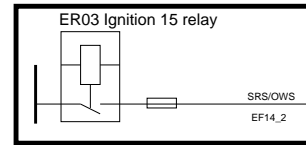
# 2M Pedestrian Protection



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	<b>Document Type</b> DRAW/ELSY	<b>Release Status</b> RELEASED
	Volvo Document No 33445458	<b>Edited</b> February/17/2022
	<b>Issue</b> 030	<b>Page No</b> 71/149

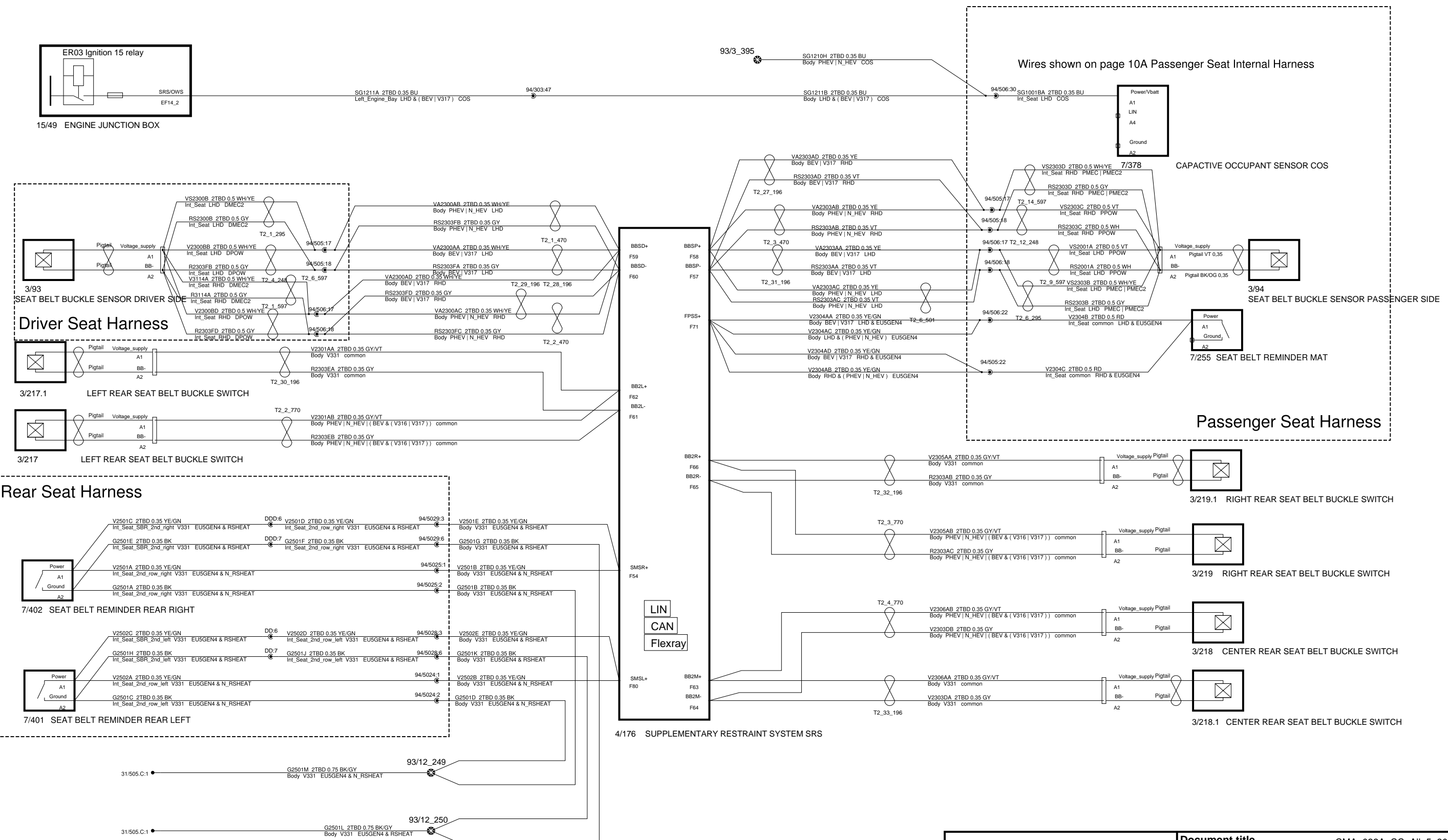


# 2N Safety Belt Reminder



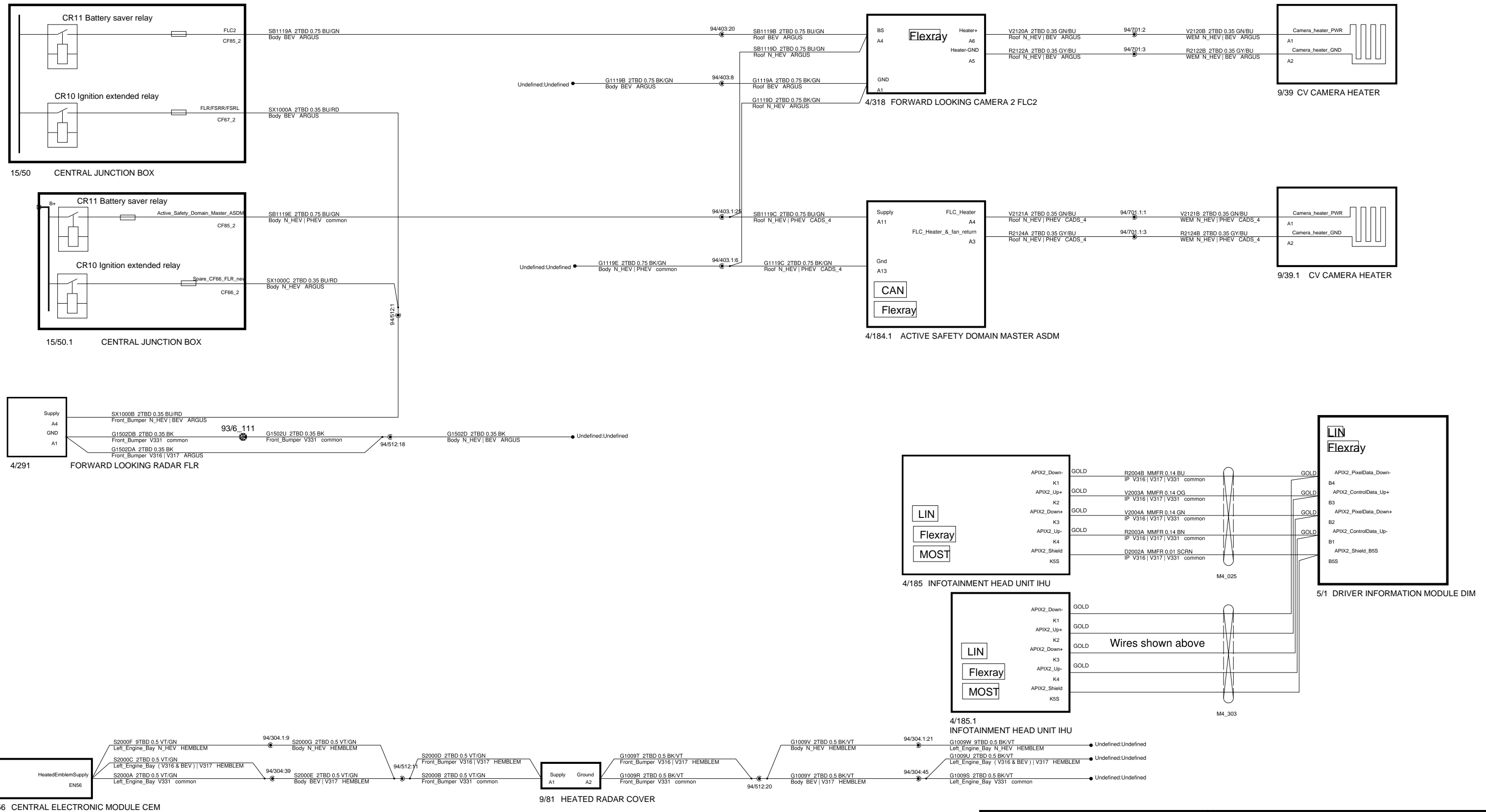
15/49 ENGINE JUNCTION BOX

Wires shown on page 10A Passenger Seat Internal Harness



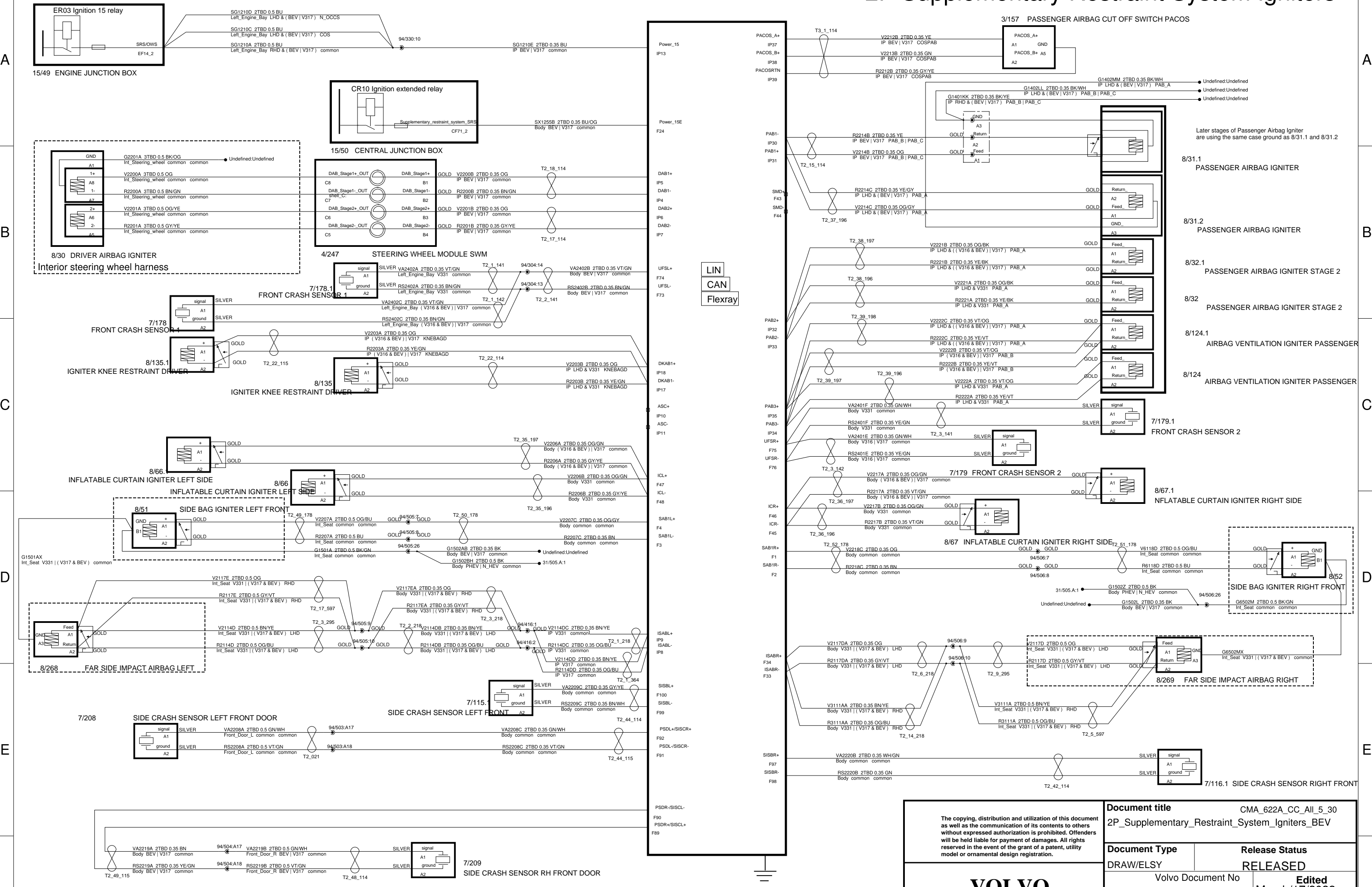
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		<p>Volvo Document No 33445458</p>	<p><b>Edited</b> March/17/2022</p>
		<p><b>Issue</b> 030</p>	<p><b>Page No</b> 72/149</p>

# 2O Collision Avoidance



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<p><b>VOLVO</b> VOLVO CAR CORPORATION</p>		Volvo Document No 33445458	<b>Edited</b> March/15/2022
		<b>Issue</b> 030	<b>Page No</b> 73/149

# 2P Supplementary Restraint System Igniters

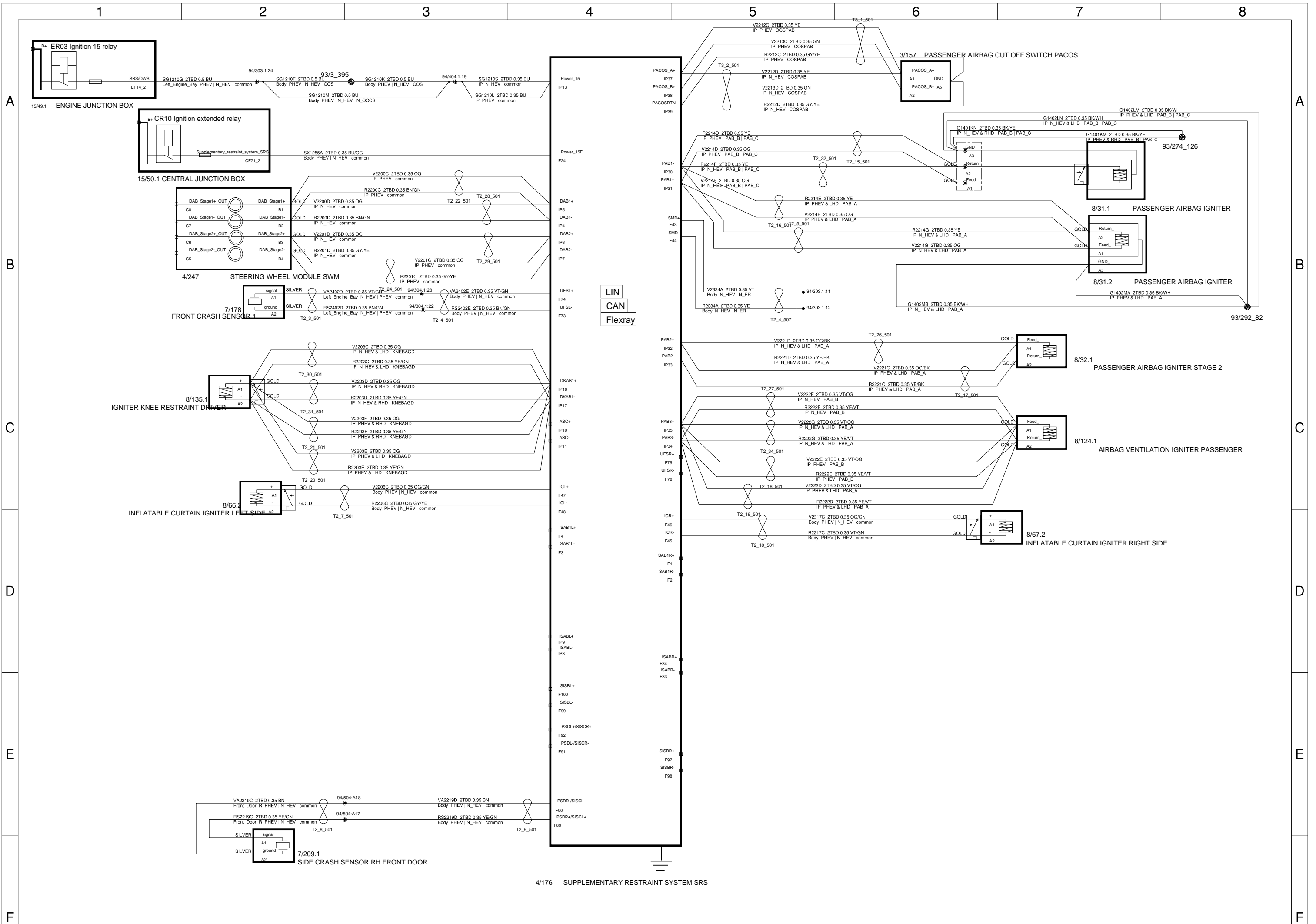


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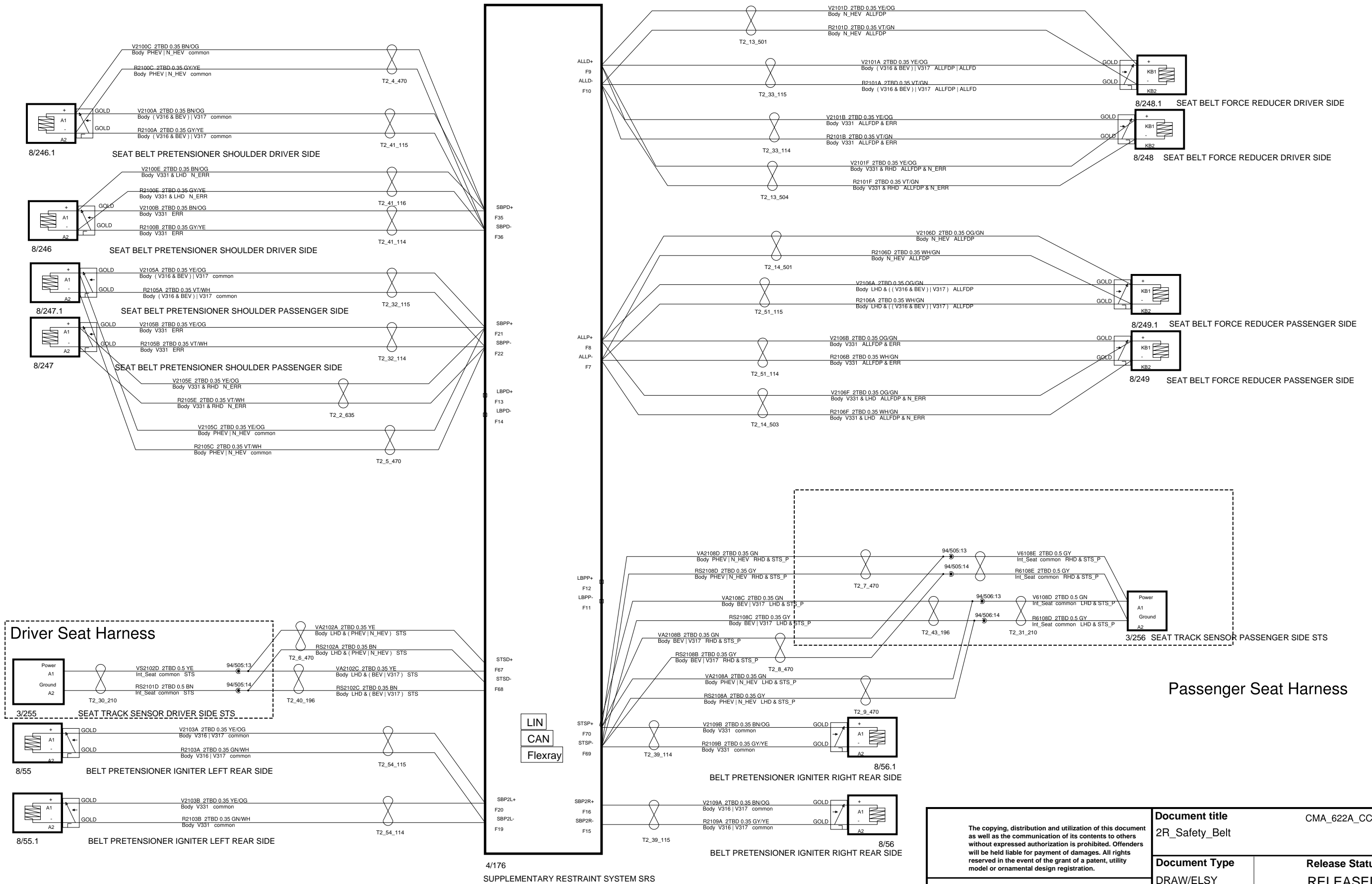
**VOLVO**  
VOLVO CAR CORPORATION

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<b>Document Type</b>	<b>Release Status</b>		
DRAW/ELSY	RELEASED		
Volvo Document No 33445458		Edited March/17/2022	
<b>Issue</b>	<b>Page No</b>		
030	74/149		

# 2P Supplementary Restraint System Igniters HEV PHEV

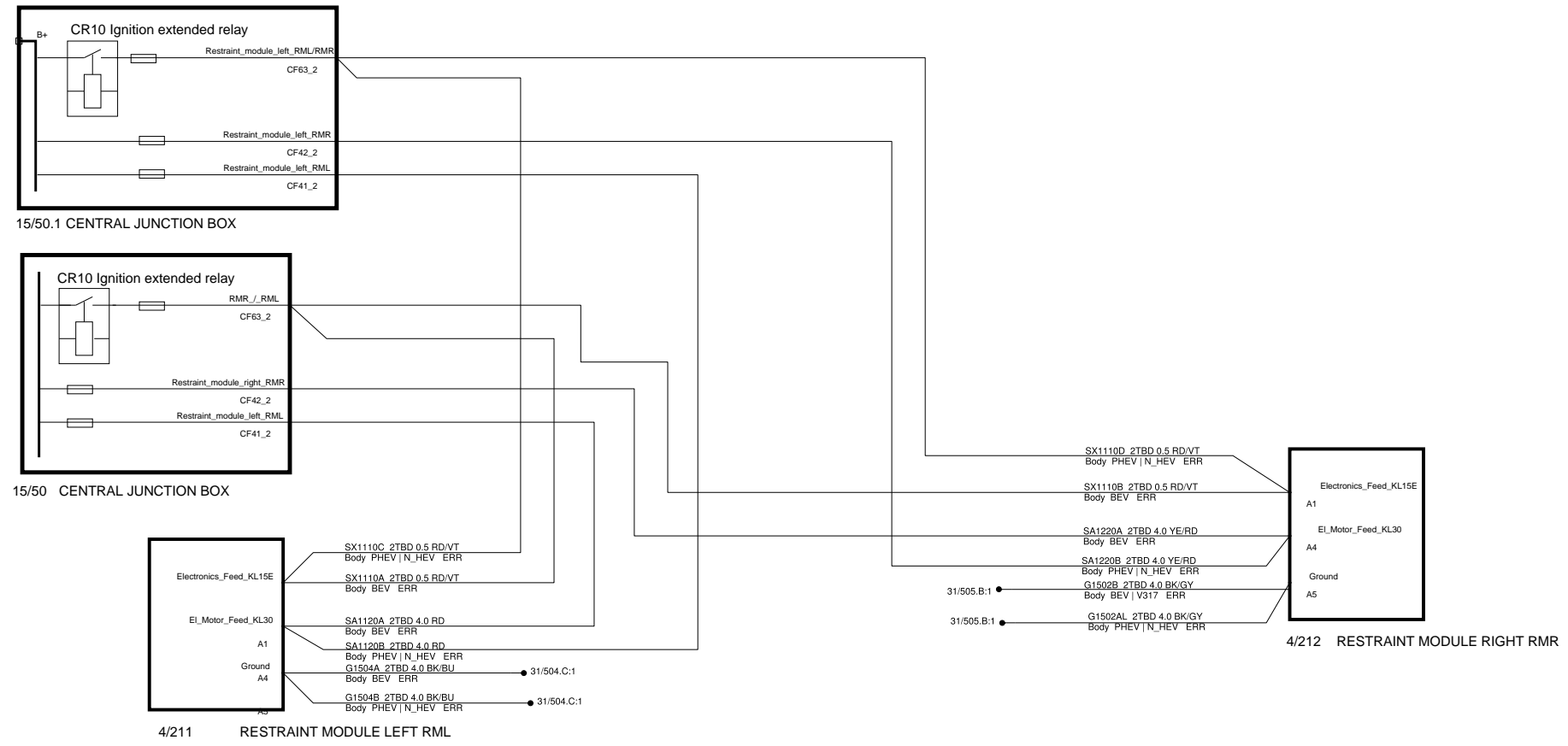


# 2R Safety Belt



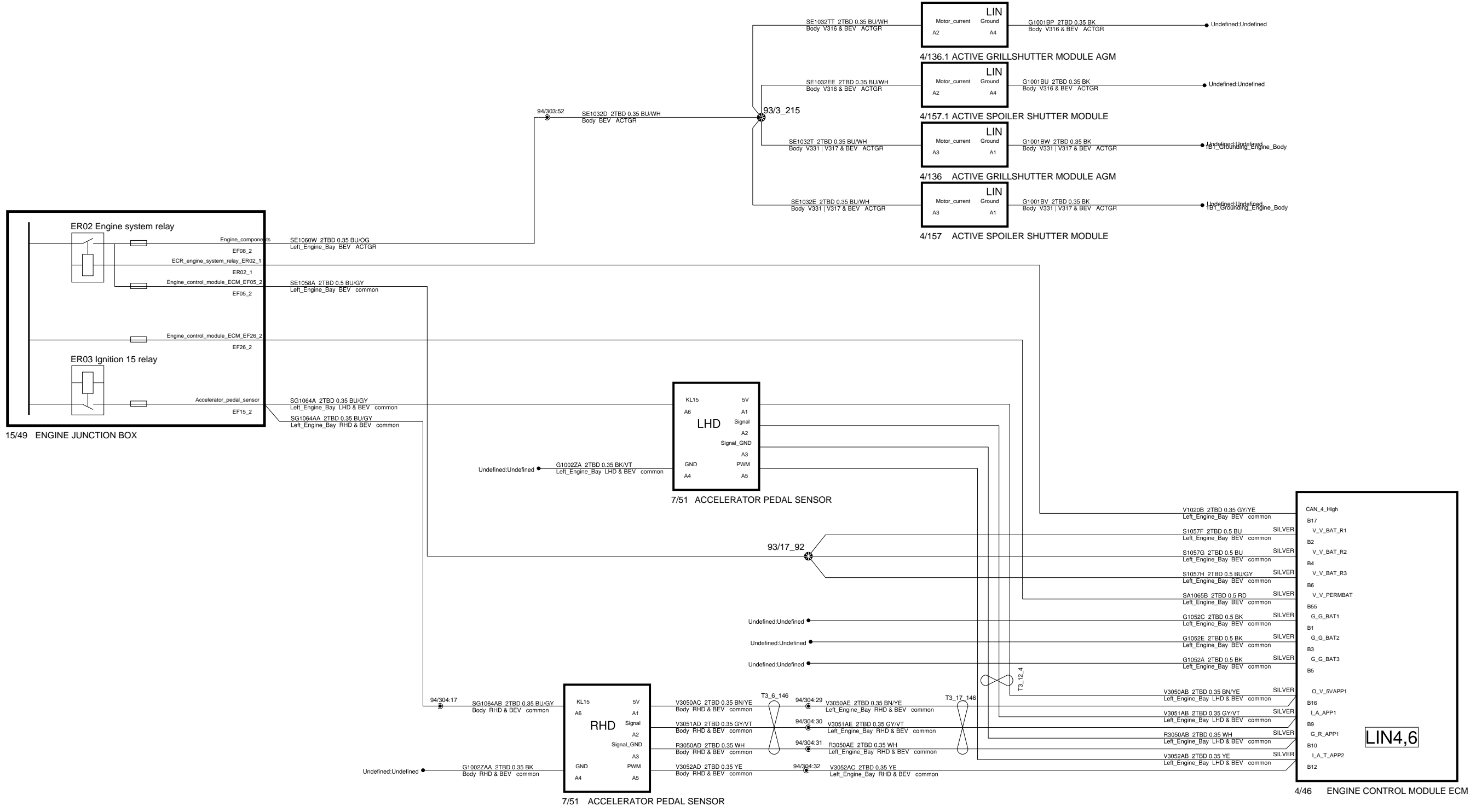
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		<b>Document Type</b> DRAW/ELSY	<b>Release Status</b> RELEASED
Volvo Document No 33445458		<b>Edited</b> May/22/2022	
<b>Issue</b> 030		<b>Page No</b> 76/149	

# 2S Restraint



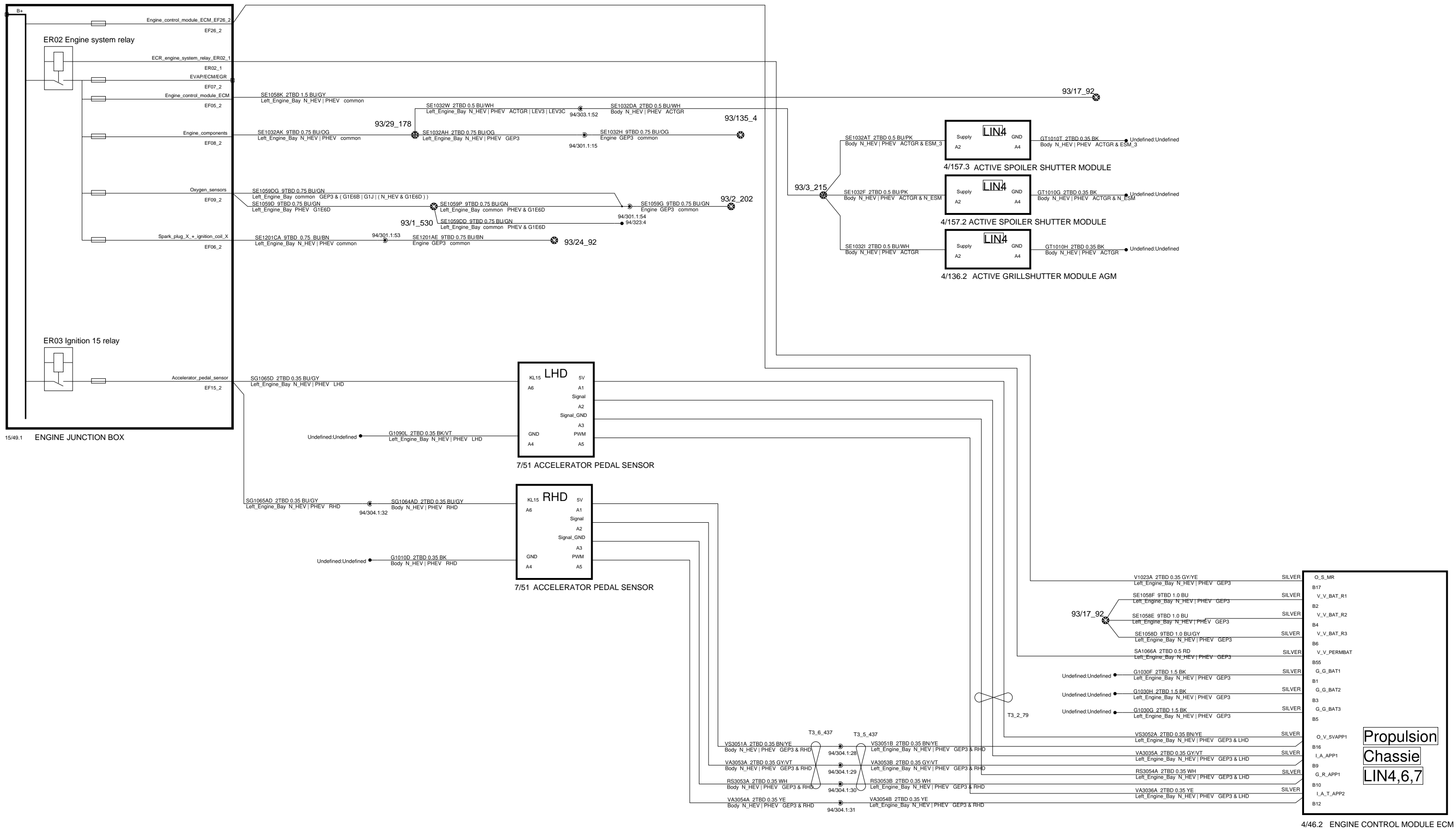
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	<b>Document Type</b> DRAW/ELSY	<b>Release Status</b> RELEASED
	Volvo Document No 33445458	<b>Edited</b> June/16/2021
	<b>Issue</b> 030	<b>Page No</b> 77/149

# 3A, 3C Engine Management



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		<p><b>Document Type</b> DRAW/ELSY</p>	<p><b>Release Status</b> RELEASED</p>
		<p>Volvo Document No 33445458</p>	<p><b>Edited</b> June/16/2021</p>
		<p><b>Issue</b> 030</p>	<p><b>Page No</b> 78/149</p>

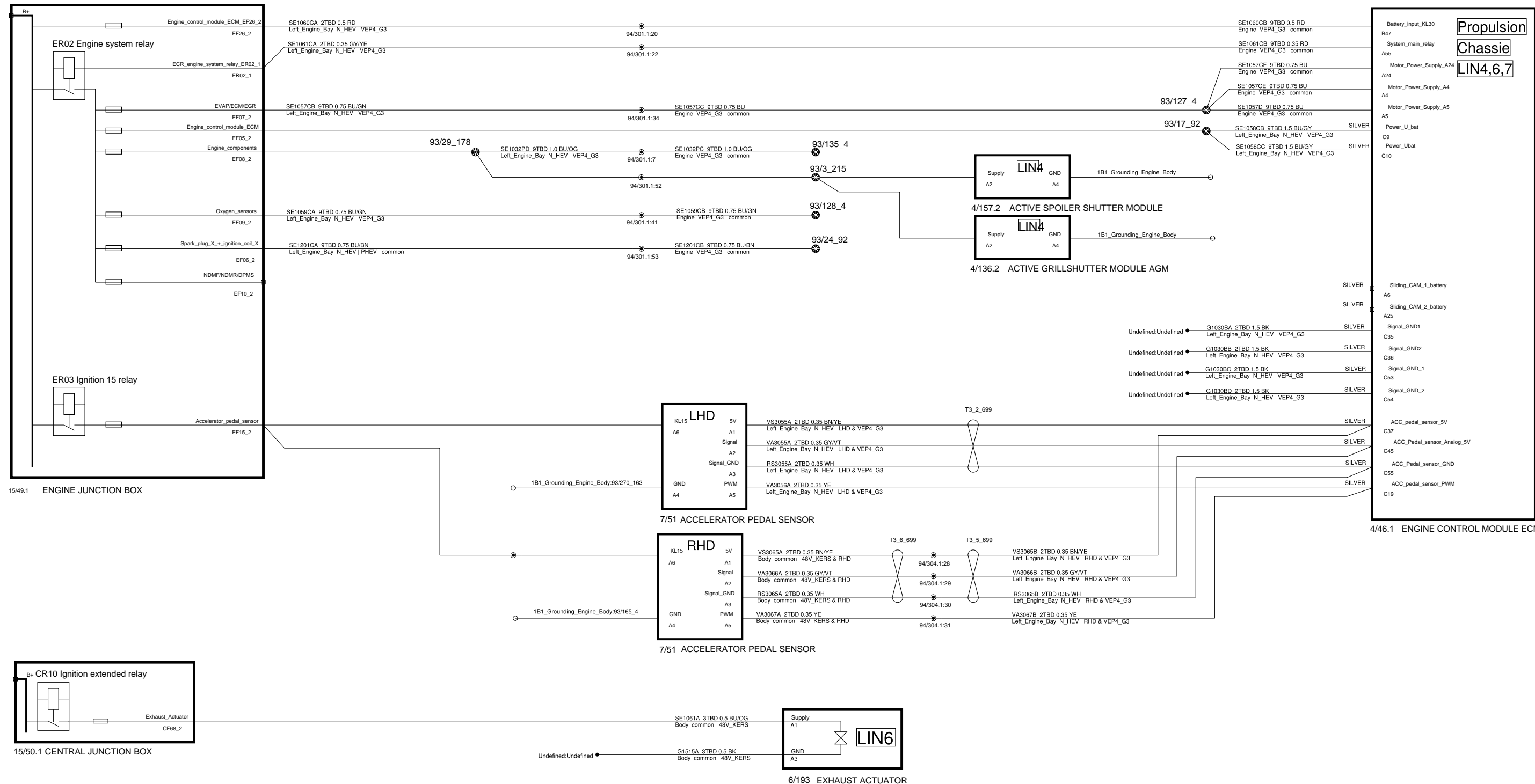
# 3A, 3D Engine Management (HEV)



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	<b>Document Type</b> DRAW/ELSY	<b>Release Status</b> RELEASED
	CEVT Document No 8888522365	<b>Edited</b> March/17/2022
	<b>Issue</b> 030	<b>Page No</b> 79/149



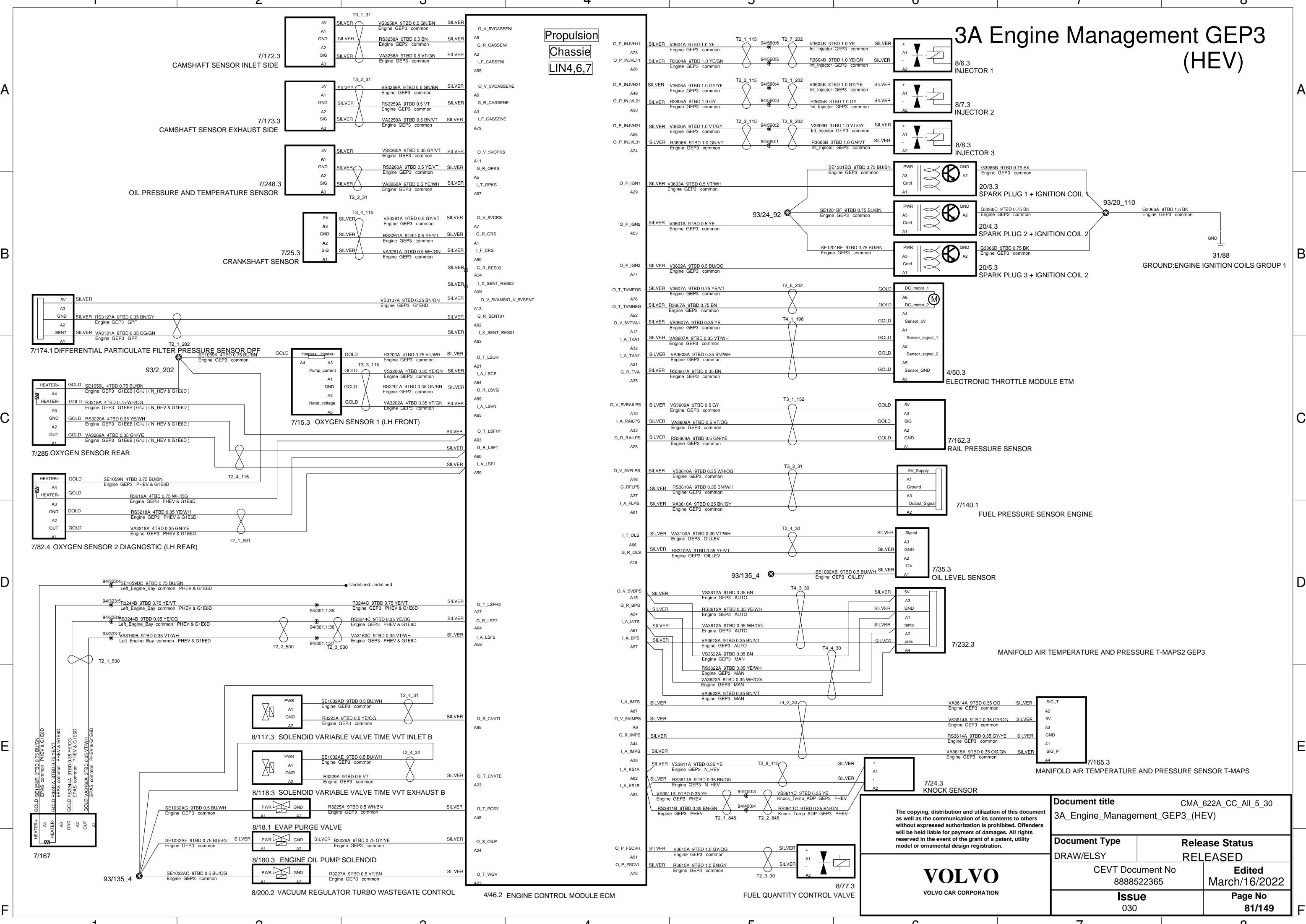
# 3A, 3D Engine Management VEP4 GEN3 (HEV)



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	<b>Document Type</b> DRAW/ELSY	<b>Release Status</b> RELEASED
	CEVT Document No 8888522365	<b>Edited</b> March/01/2022
	<b>Issue</b> 030	<b>Page No</b> 80/149

# 3A Engine Management GEP3 (HEV)

Propulsion  
Chassis  
LIN4,6,7

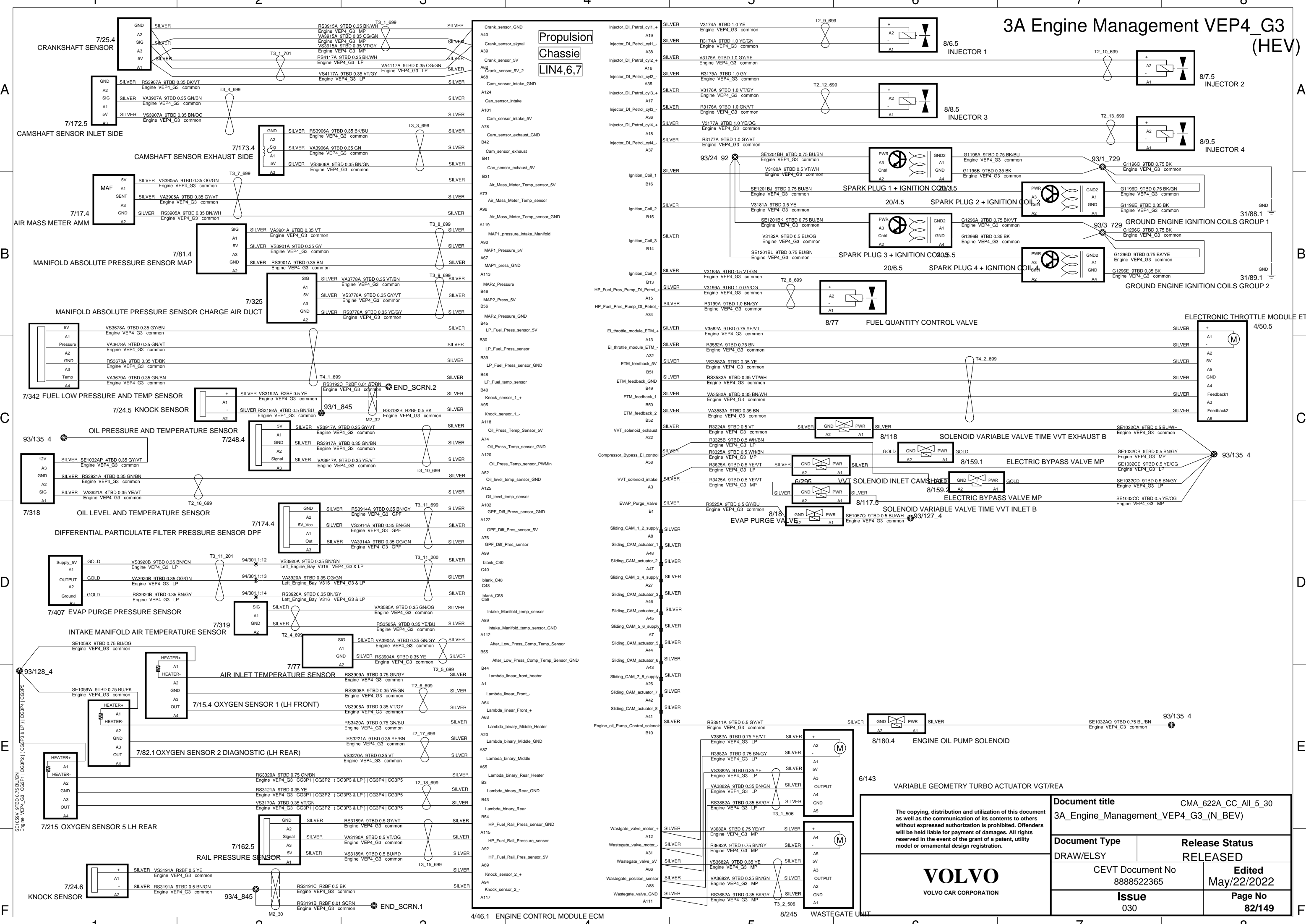


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<b>Document Type</b> DRAW/ELSY	<b>Release Status</b> RELEASED
CEVT Document No 8888522365	<b>Edited</b> March/16/2022
<b>Issue</b> 030	<b>Page No</b> 81/149

# 3A Engine Management VEP4\_G3 (HEV)

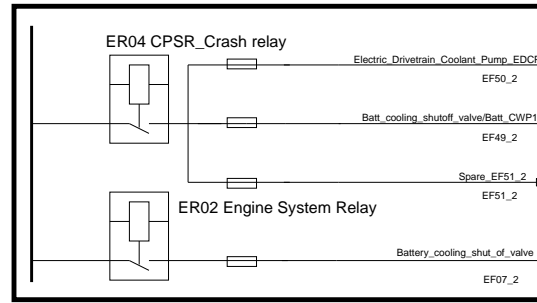


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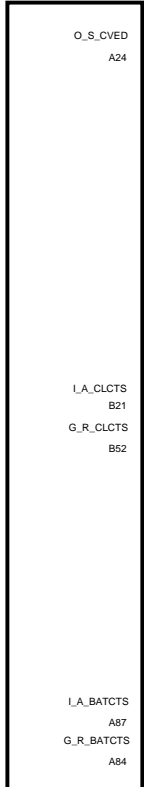
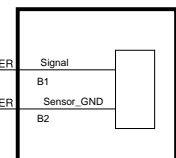
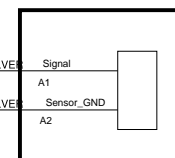
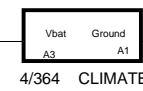
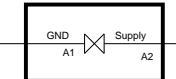
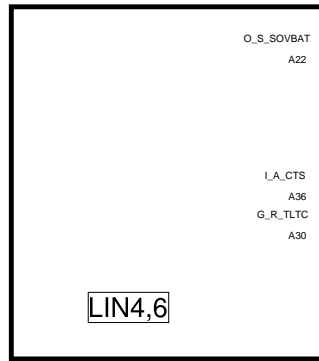
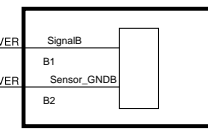
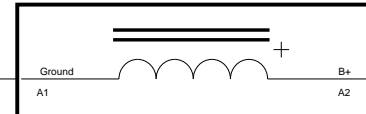
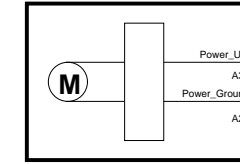
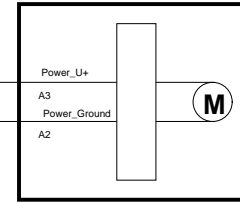
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CEVT Document No 8888522365	<b>Edited</b> May/22/2022
<b>Issue</b> 030	<b>Page No</b> 82/149

# 3B Management BEV Driveline

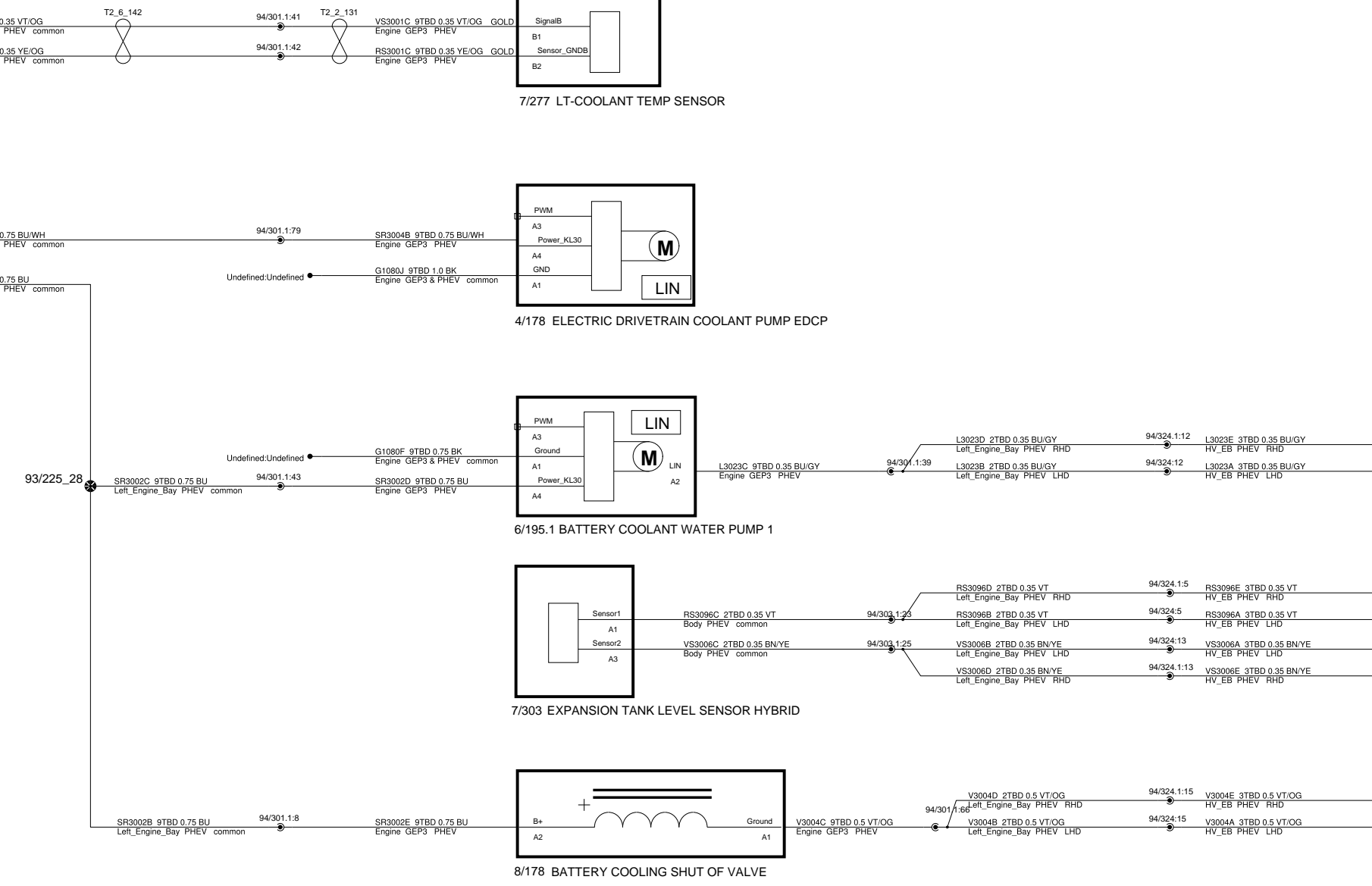
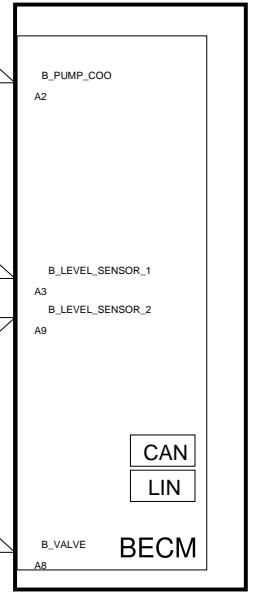
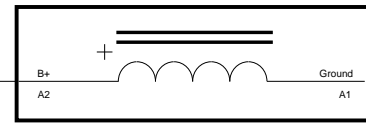
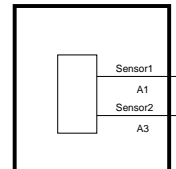
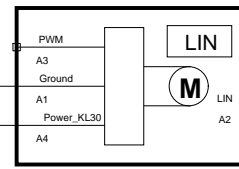
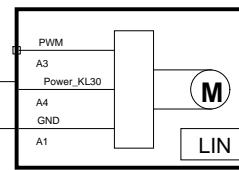
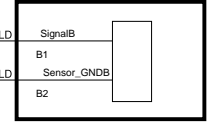
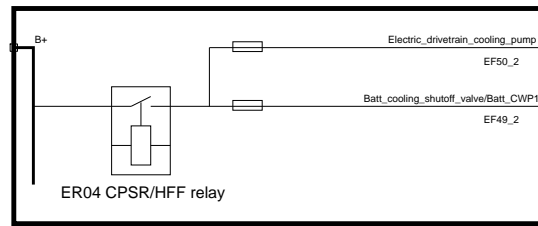
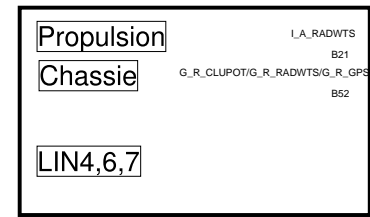


15/49 ENGINE JUNCTION BOX



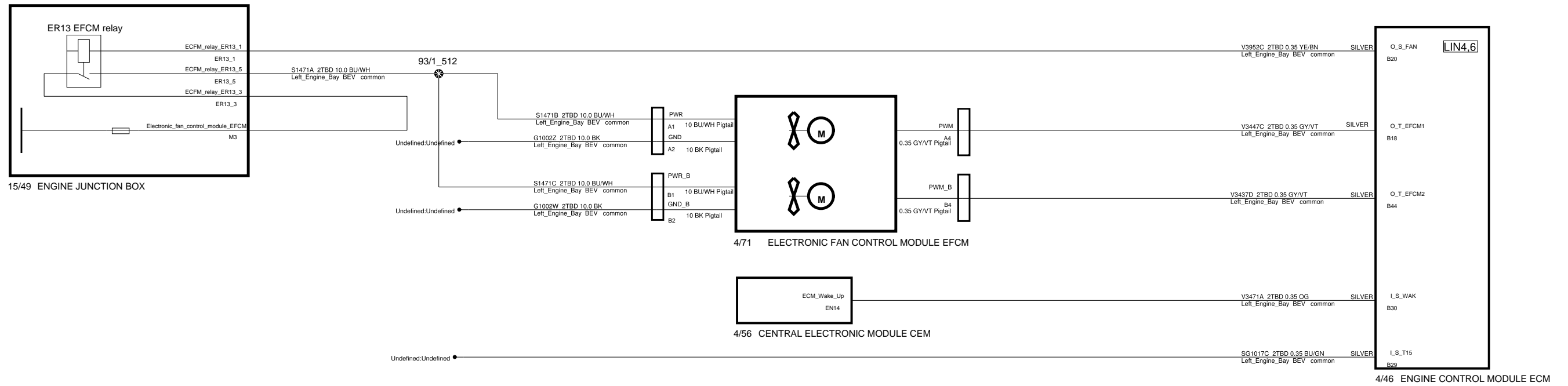
<b>VOLVO</b> VOLVO CAR CORPORATION	<b>Document title</b> CMA_622A_CC_All_5_30 3B_Management_BEV_Driveline	
	<b>Document Type</b> DRAW/ELSY	<b>Release Status</b> RELEASED
	Volvo Document No 33445458	<b>Edited</b> August/30/2021
	<b>Issue</b> 030	<b>Page No</b> 83/149

# 3B Management Hybrid Driveline (PHEV)

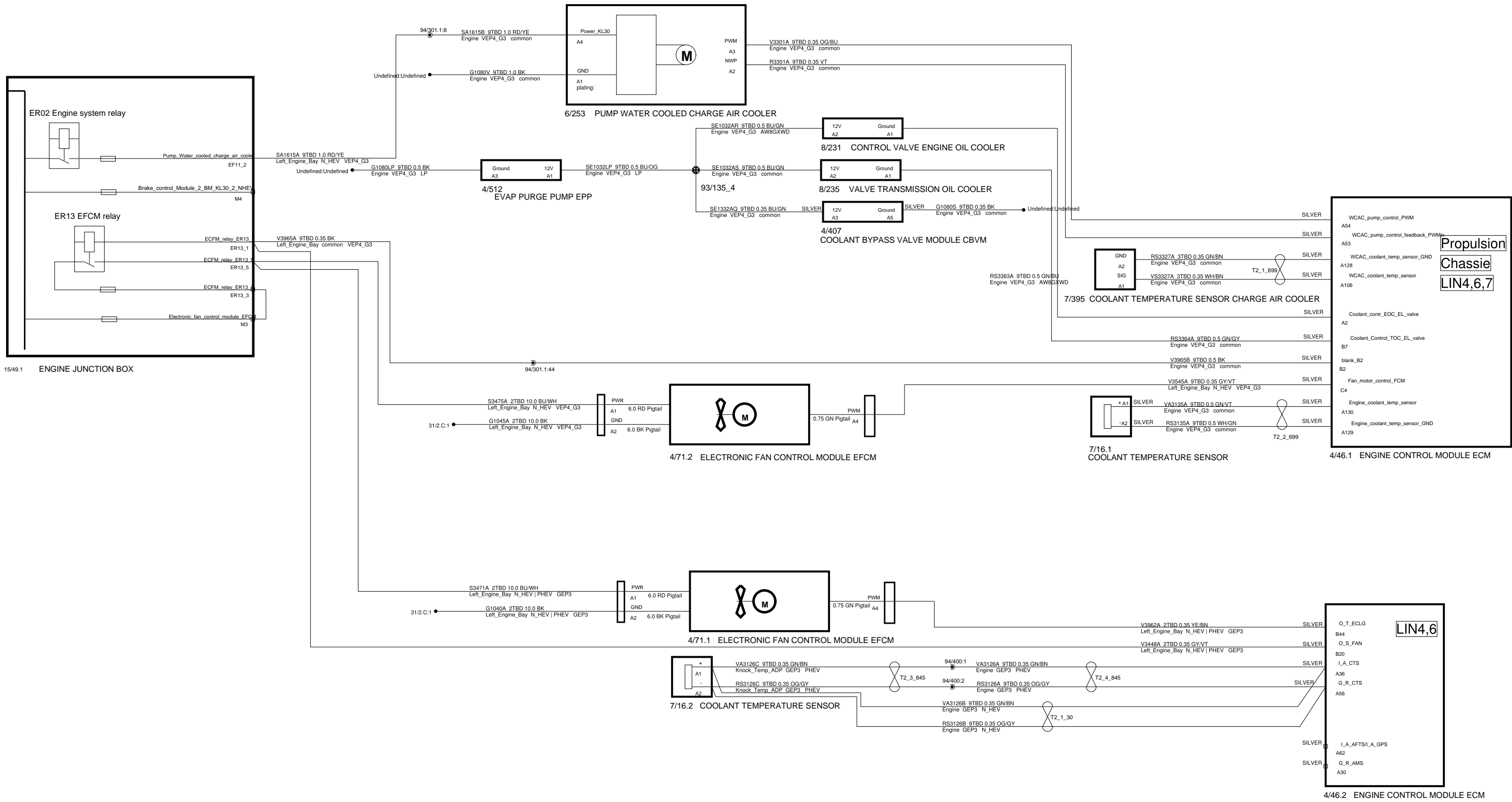


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	<b>Document Type</b> DRAW/ELSY	<b>Release Status</b> RELEASED
	CEVT Document No 8888522365	<b>Edited</b> March/17/2022
	<b>Issue</b> 030	<b>Page No</b> 84/149
<b>VOLVO</b> VOLVO CAR CORPORATION		

# 3D Engine Thermal Management

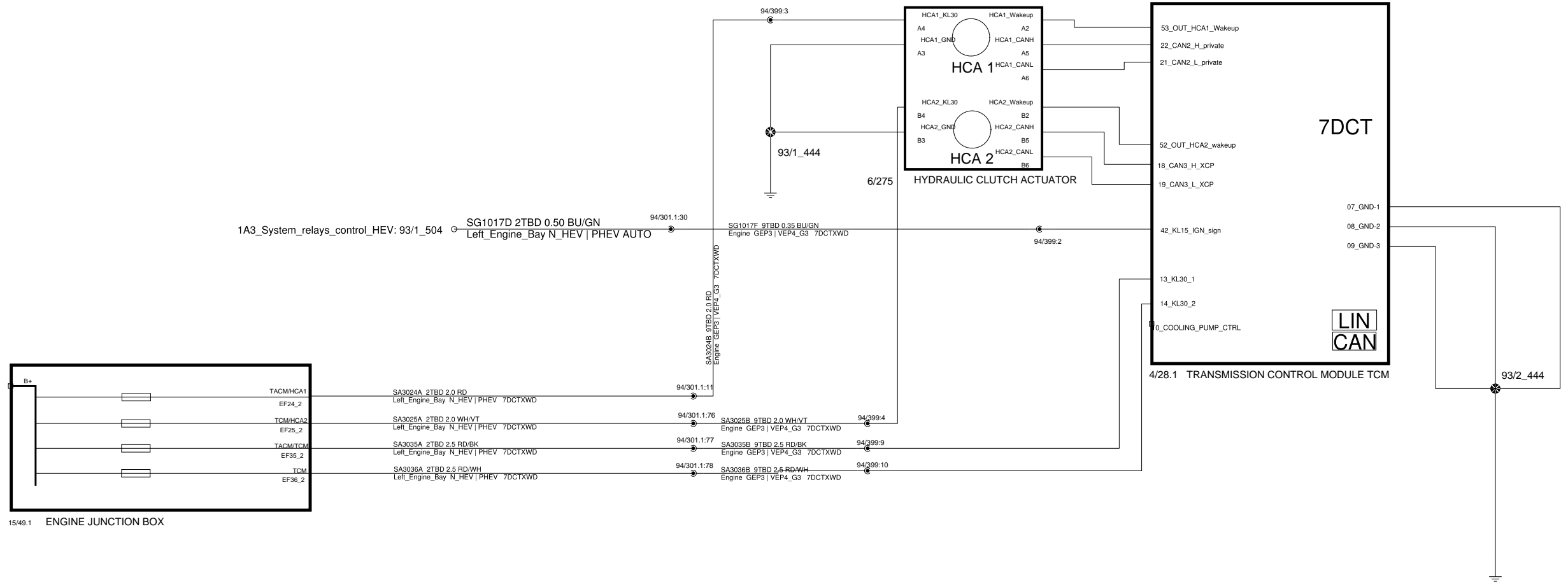


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	<b>Document Type</b> DRAW/ELSY	<b>Release Status</b> RELEASED
	Volvo Document No 33445458	<b>Edited</b> June/16/2021
	<b>Issue</b> 030	<b>Page No</b> 85/149



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	<b>Issue</b> 030	<b>Page No</b> 86/149

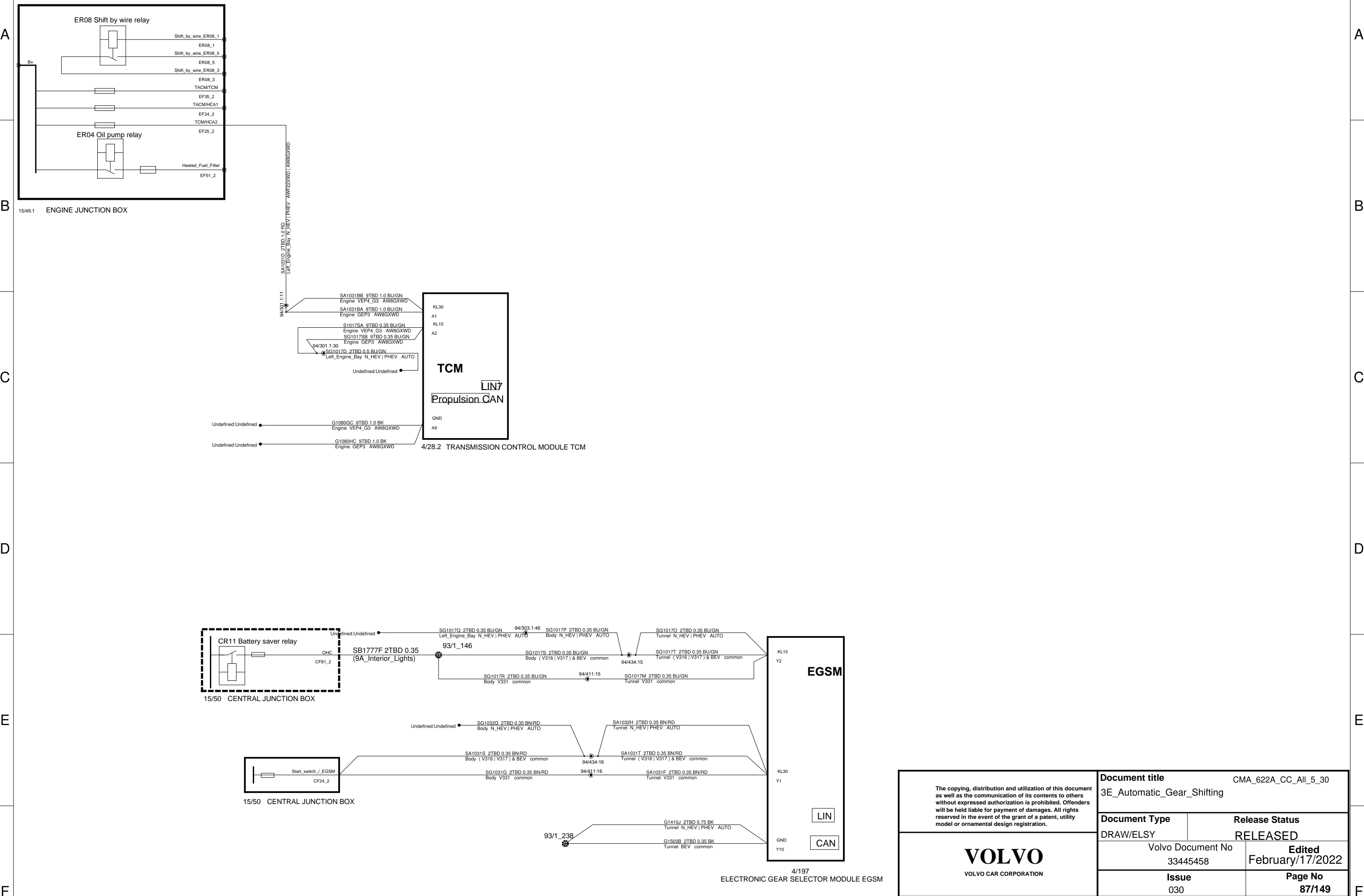
# 3E Automatic Gear Shifting 7DCT



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	<b>Document Type</b> DRAW/ELSY	<b>Release Status</b> RELEASED
	CEVT Document No 8888522365	<b>Edited</b> February/18/2022
	<b>Issue</b> 030	<b>Page No</b> 88/149



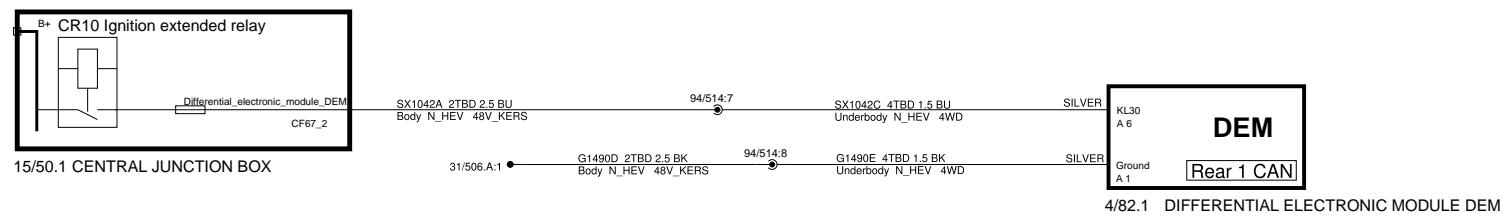
# 3E Automatic Gear Shifting



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<b>Document Type</b>		<b>Release Status</b>	
DRAW/ELSY		RELEASED	
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33445458		February/17/2022	
<b>Issue</b>		<b>Page No</b>	
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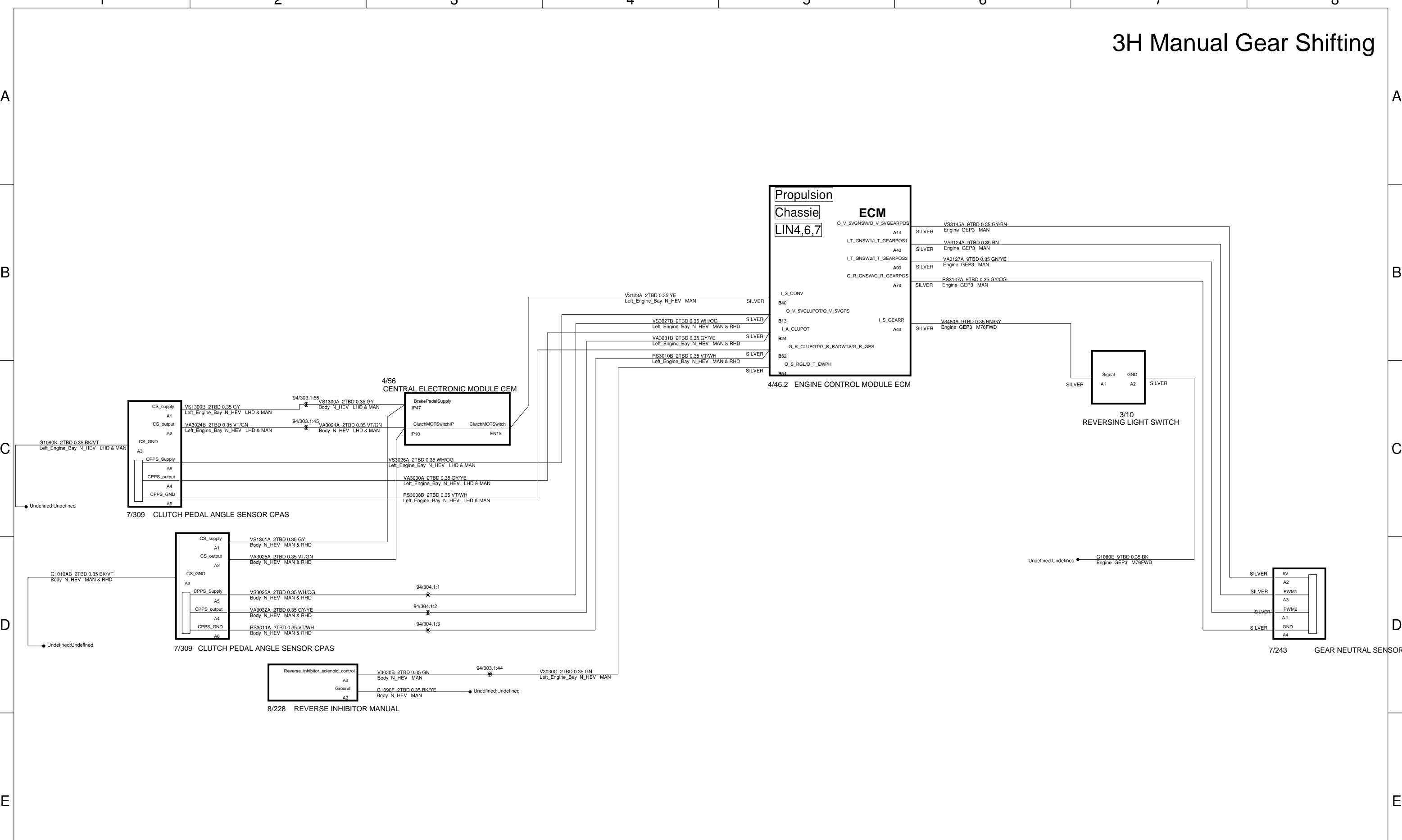


# 3G 4WD Transmission



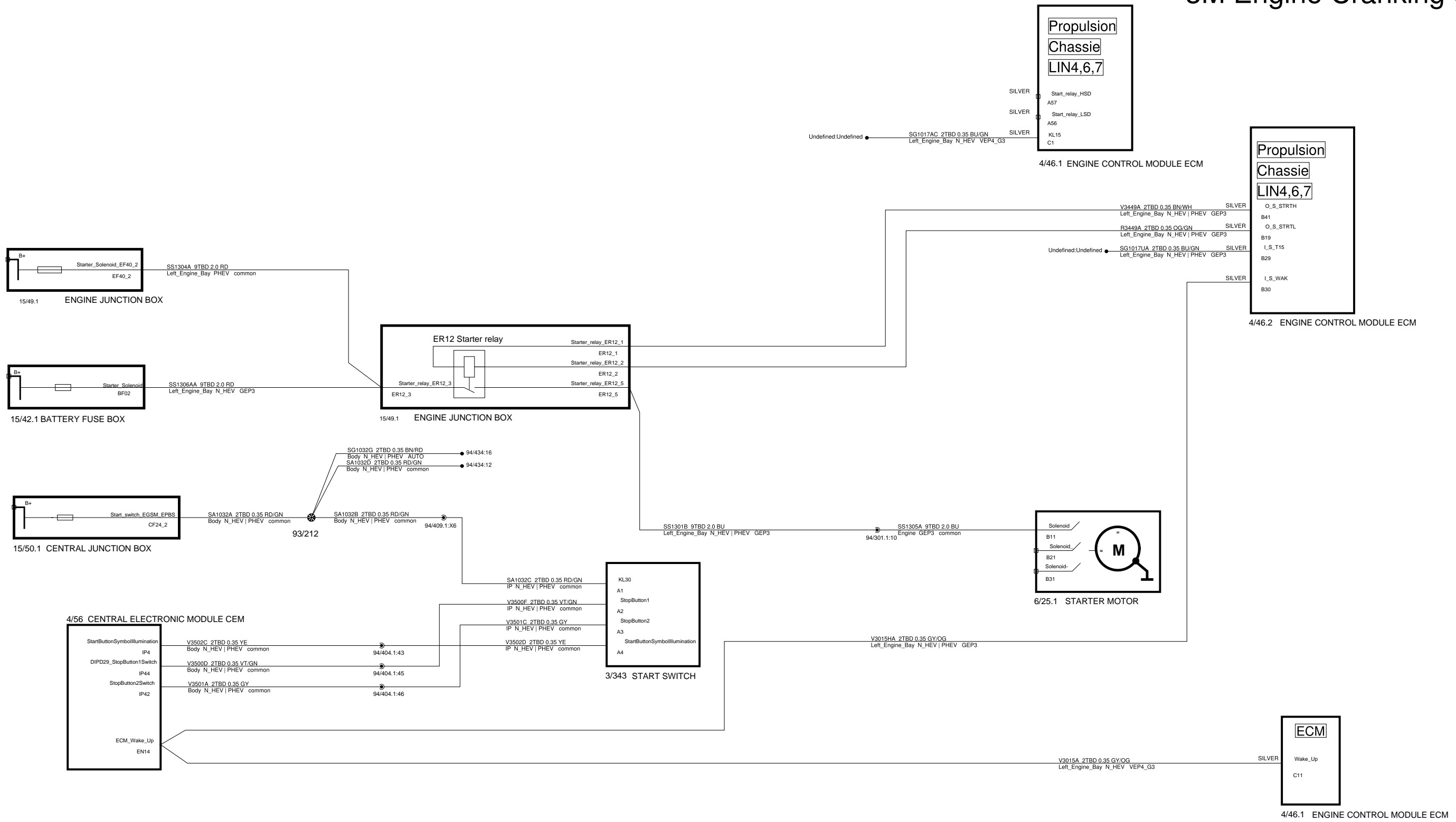
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	CEVT Document No 8888522365	<b>Edited</b> May/22/2022
	<b>Issue</b> 030	<b>Page No</b> 89/149

# 3H Manual Gear Shifting

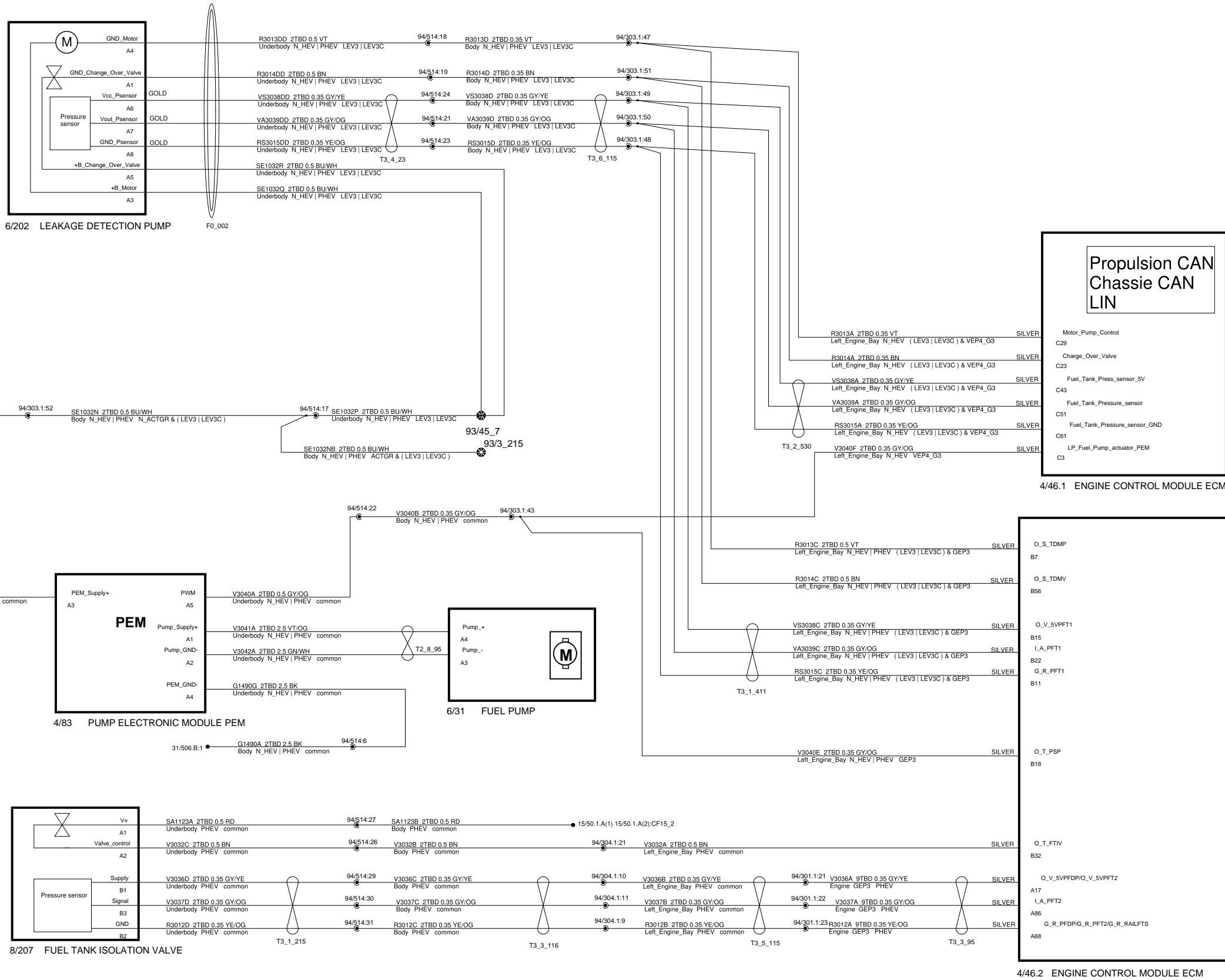


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	CEVT Document No 8888522365	<b>Edited</b> February/16/2022
	<b>Issue</b> 030	<b>Page No</b> 90/149

# 3M Engine Cranking (HEV)



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	CEVT Document No 8888522365	<b>Edited</b> May/24/2022
	<b>Issue</b> 030	<b>Page No</b> 91/149



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	<b>Document Type</b> DRAW/ELSY	<b>Release Status</b> RELEASED
	CEVT Document No 8888522365	<b>Edited</b> March/18/2022
	<b>Issue</b> 030	<b>Page No</b> 92/149

# 4A Driver information

A

A

B

B

C

C

D

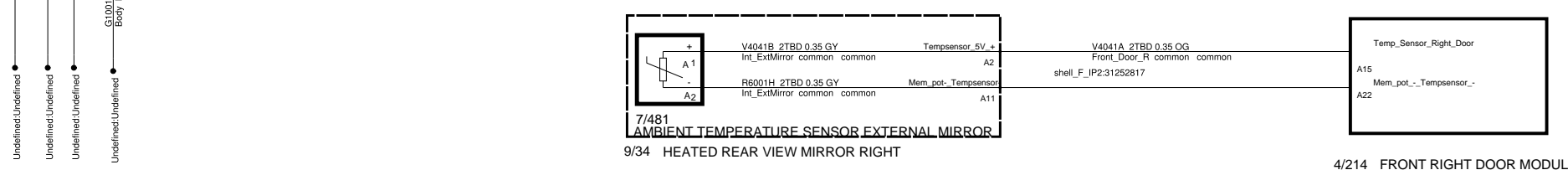
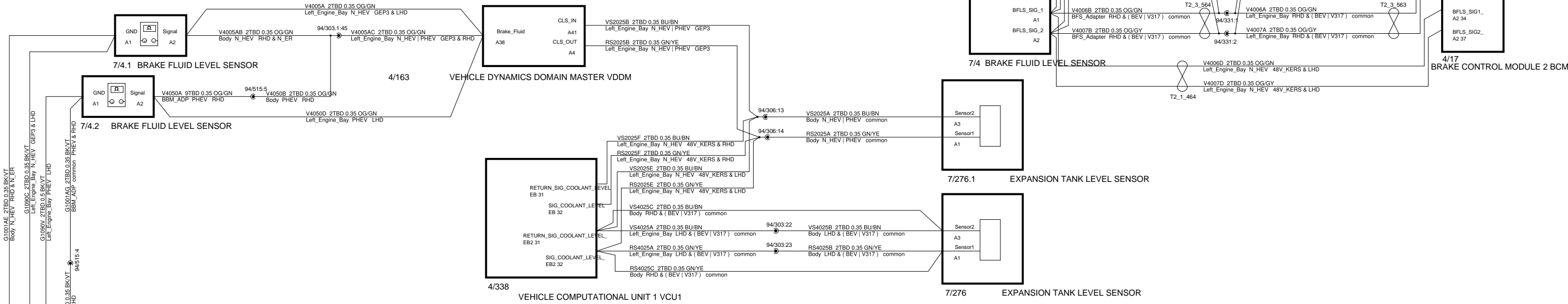
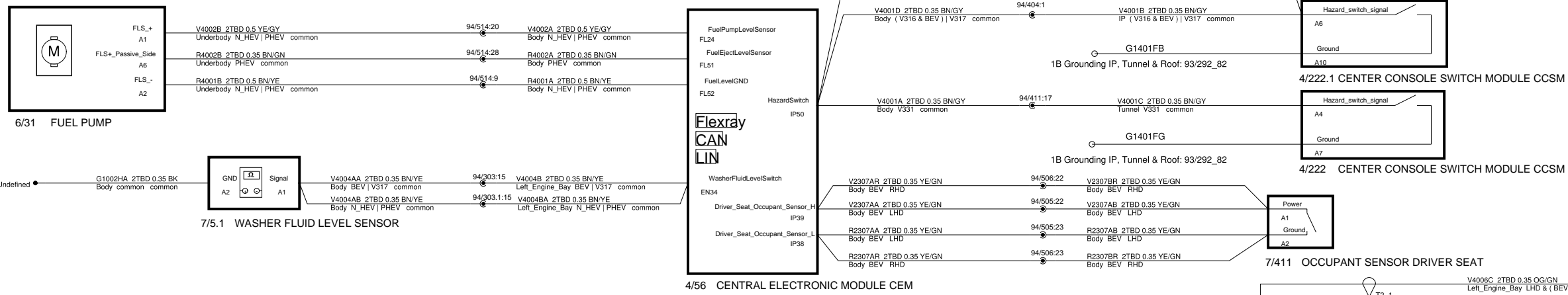
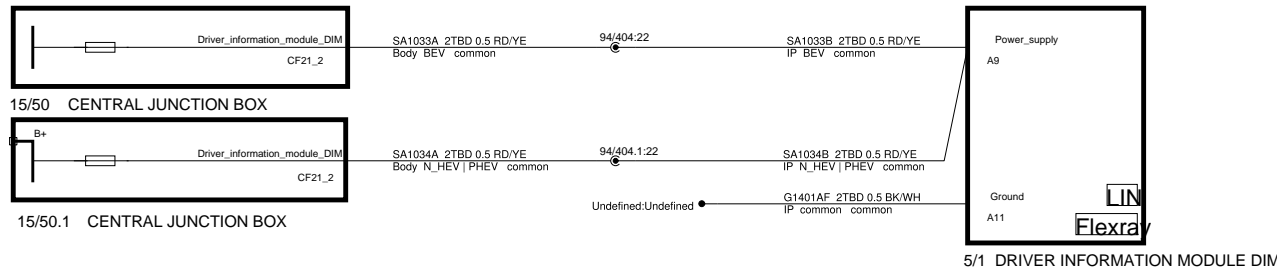
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E

E

F

F

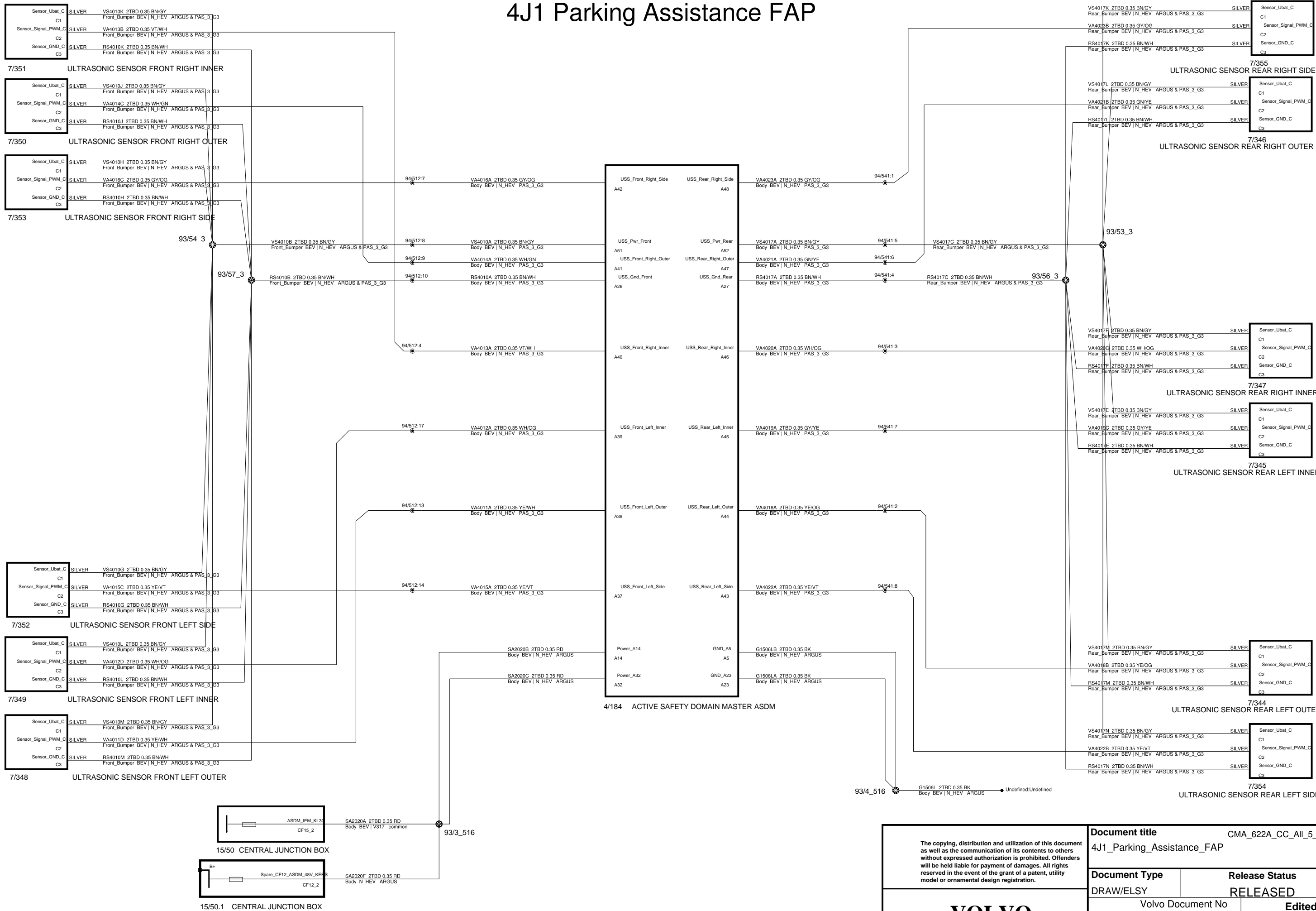


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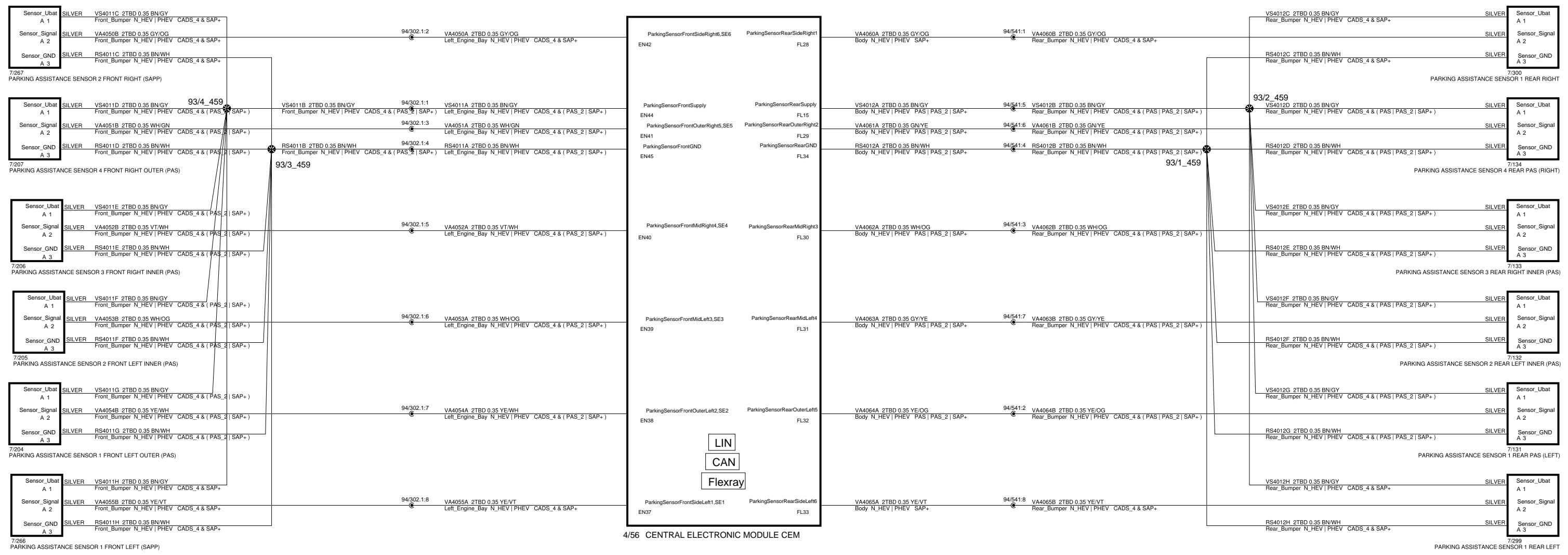
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<b>Document Type</b>	<b>Release Status</b>		
DRAW/ELSY	RELEASED		
Volvo Document No		<b>Edited</b>	
33445458		May/24/2022	
<b>Issue</b>		<b>Page No</b>	
030		93/149	

# 4J1 Parking Assistance FAP



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		<p><b>Document Type</b> DRAW/ELSY</p>	<p><b>Release Status</b> RELEASED</p>
		<p>Volvo Document No 33445458</p>	<p><b>Edited</b> May/24/2022</p>
		<p><b>Issue</b> 030</p>	<p><b>Page No</b> 94/149</p>

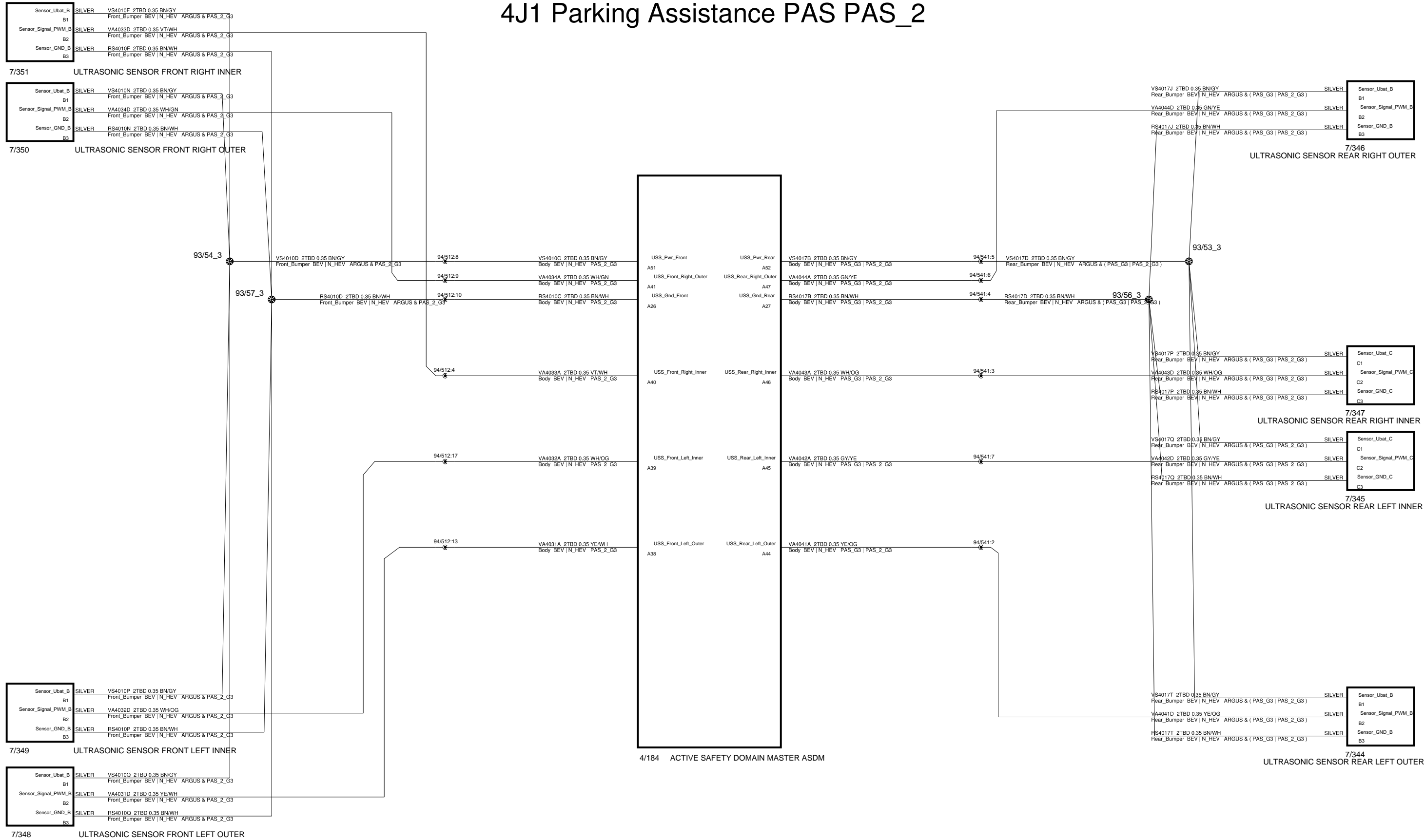
# 4J1 Parking Assistance NBEV



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<p><b>VOLVO</b> VOLVO CAR CORPORATION</p>		<p>CEVT Document No 8888522365</p>	<p><b>Edited</b> June/16/2021</p>
		<p><b>Issue</b> 030</p>	<p><b>Page No</b> 95/149</p>

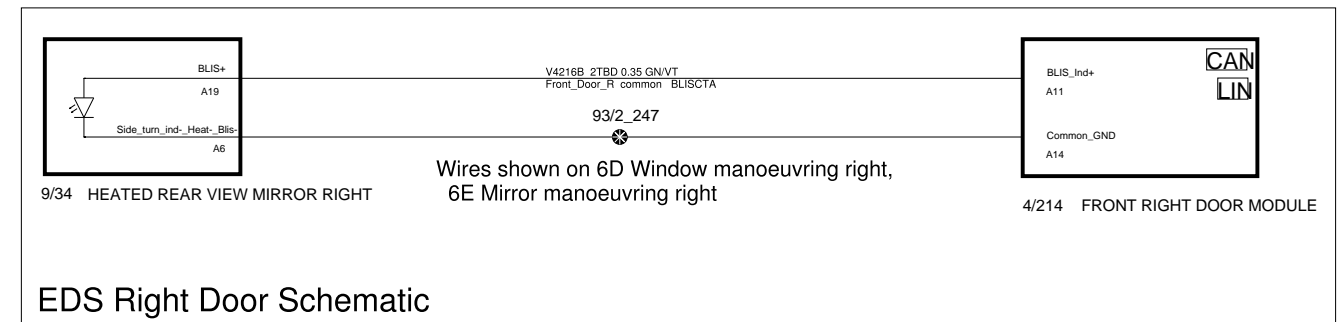
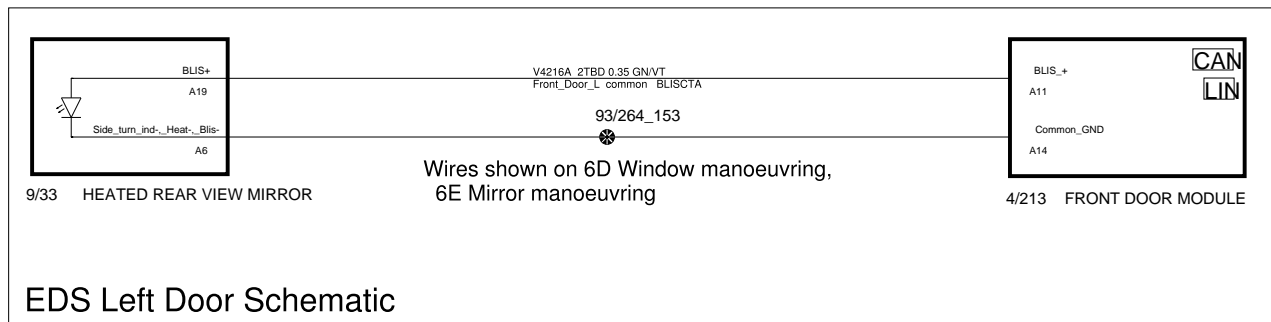
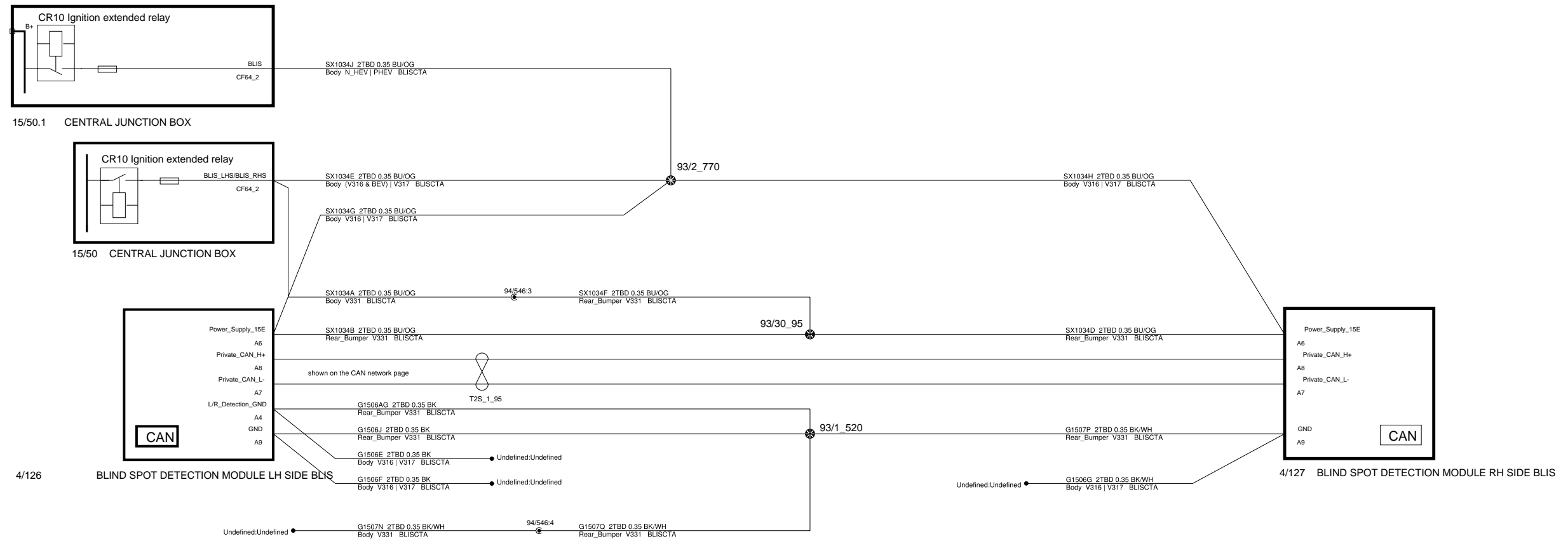


# 4J1 Parking Assistance PAS PAS\_2



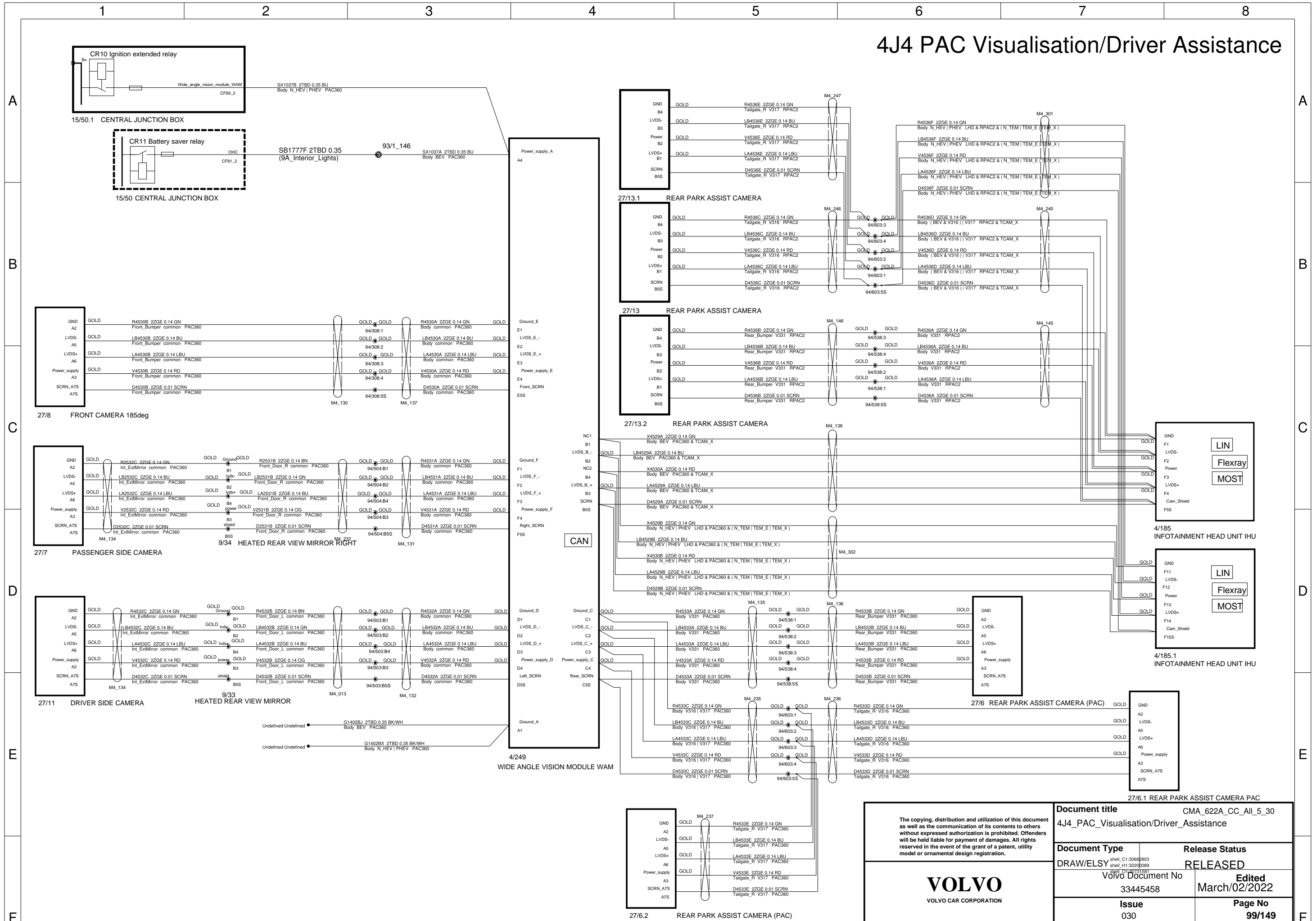
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	<b>Document Type</b> DRAW/ELSY	<b>Release Status</b> RELEASED
	CEVT Document No 8888522365	<b>Edited</b> June/16/2021
	<b>Issue</b> 030	<b>Page No</b> 96/149

# 4J2B Lane Change Aid



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	<b>Document Type</b> DRAW/ELSY	<b>Release Status</b> RELEASED
	Volvo Document No 33445458	<b>Edited</b> May/24/2022
	<b>Issue</b> 030	<b>Page No</b> 97/149

# 4J4 PAC Visualisation/Driver Assistance



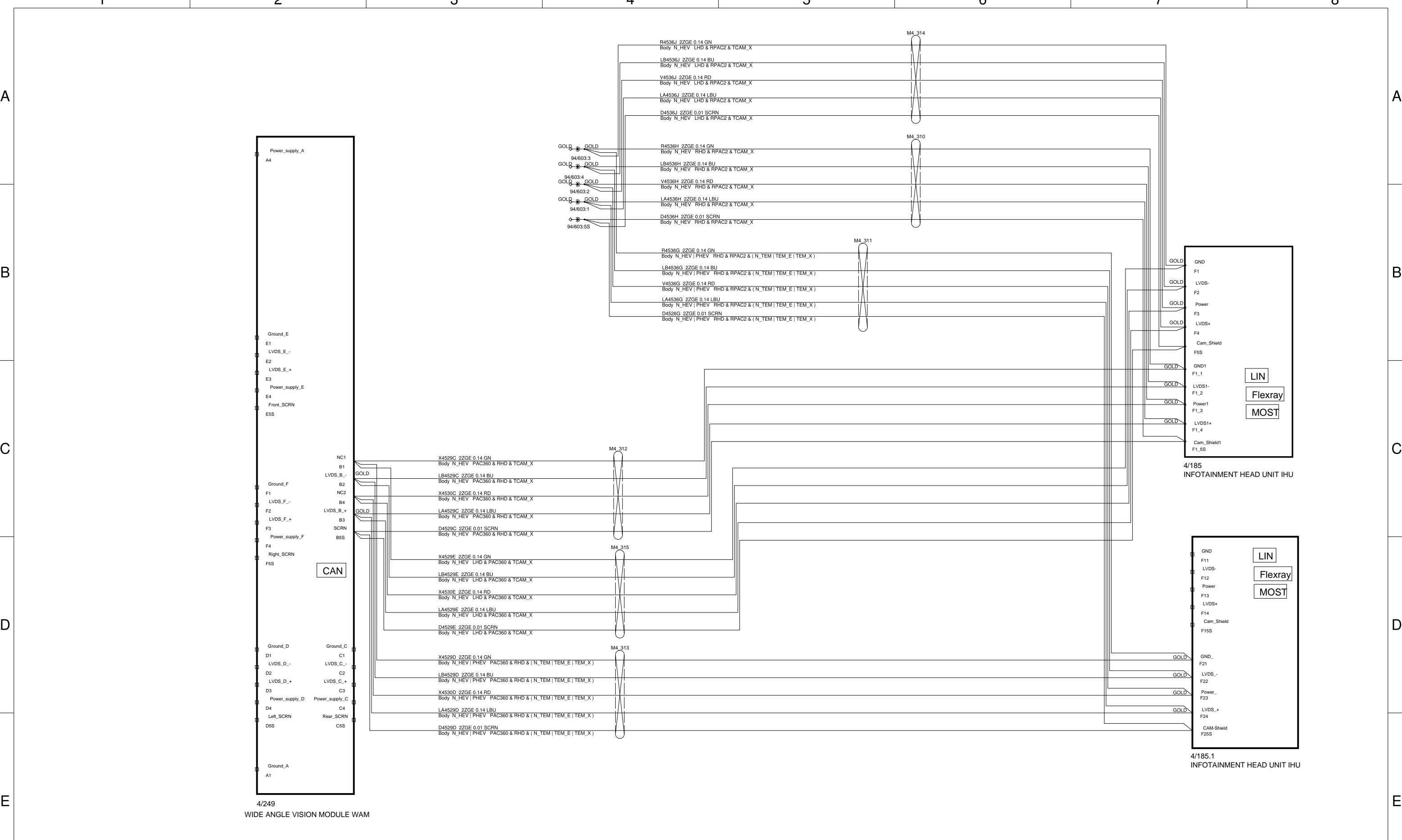
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<b>Document title</b> CMA_622A_CC_Ali_5_30 4J4_PAC_Visualisation/Driver_Assistance	
<b>Document Type</b> DRAW/ELSY	<b>Release Status</b> RELEASED
<b>Issue</b> 030	<b>Page No</b> 99/149

**Volvo Document No**  
33445458

**Edited**  
March/02/2022

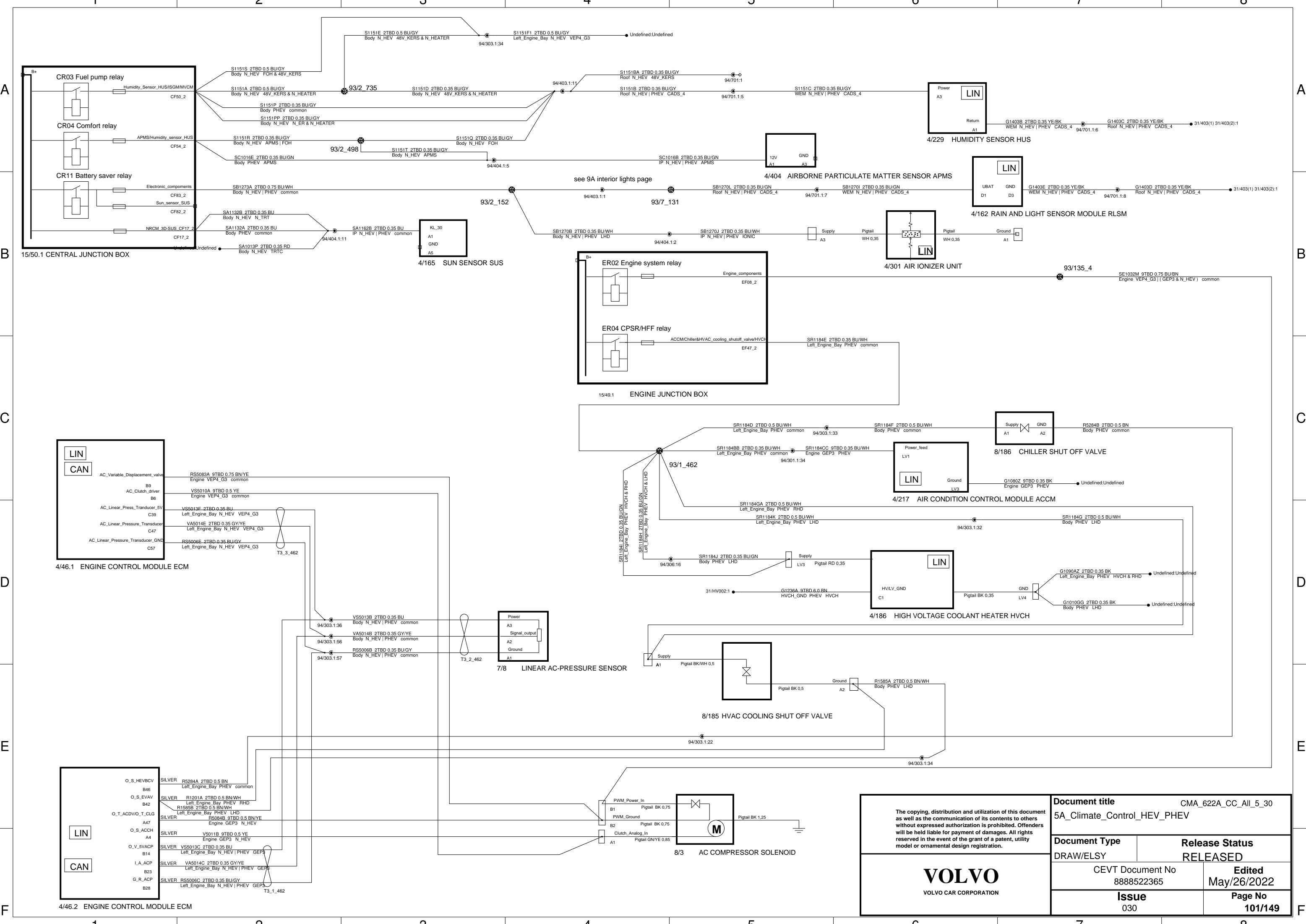


4/249  
WIDE ANGLE VISION MODULE WAM

4/185  
INFOTAINMENT HEAD UNIT IHU

4/185.1  
INFOTAINMENT HEAD UNIT IHU

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	<p>CEVT Document No 8888522365</p>	<p><b>Edited</b> February/17/2022</p>
	<p><b>Issue</b> 030</p>	<p><b>Page No</b> 98/149</p>

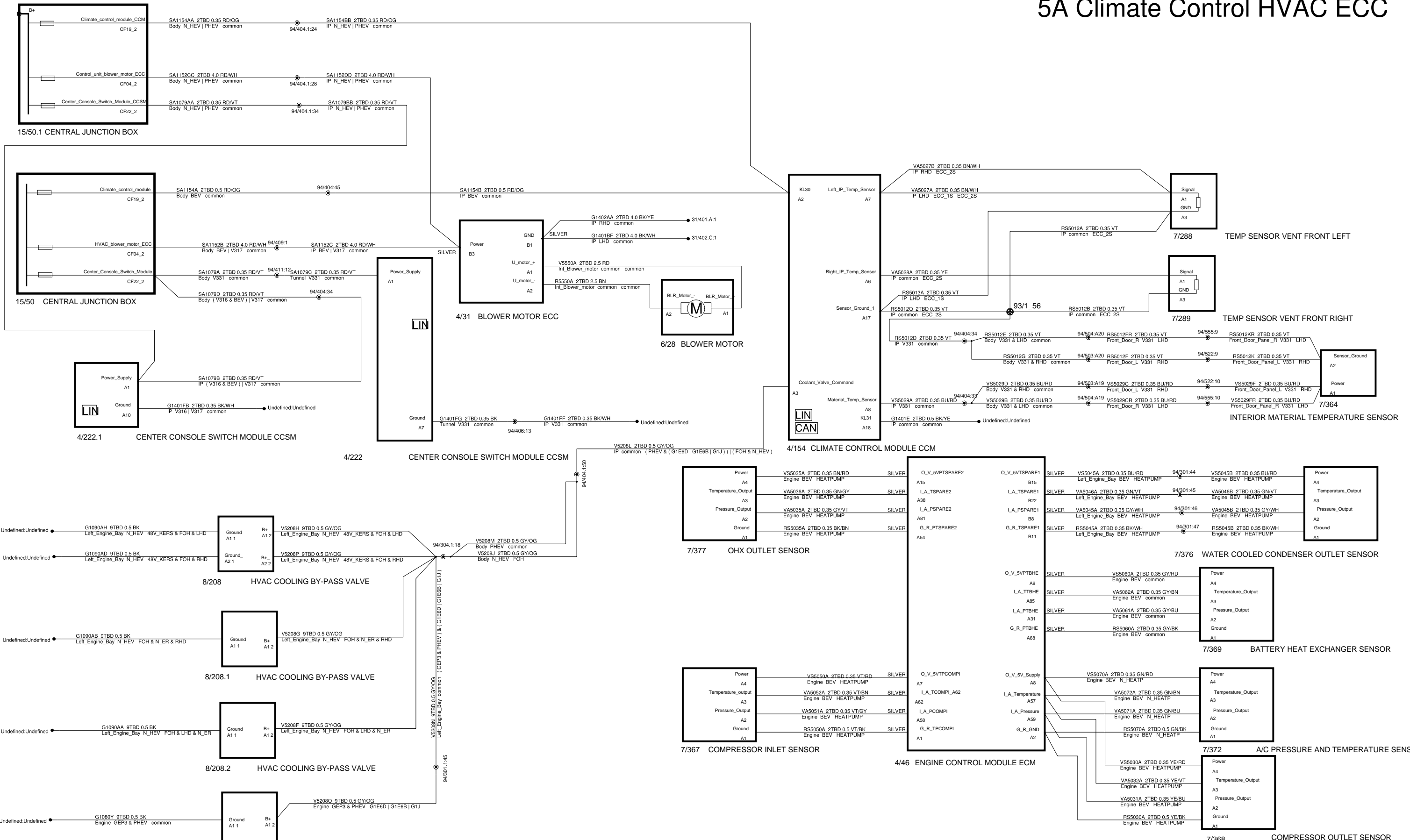


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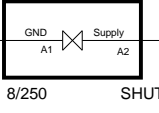
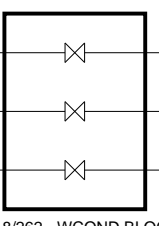
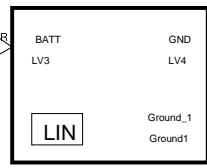
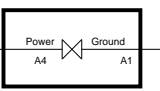
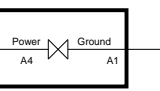
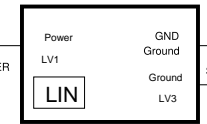
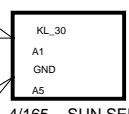
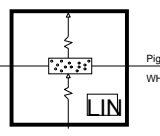
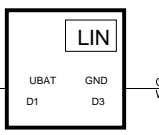
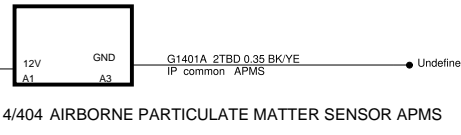
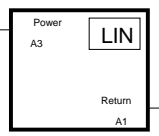
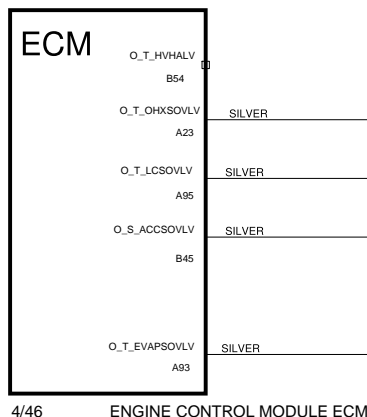
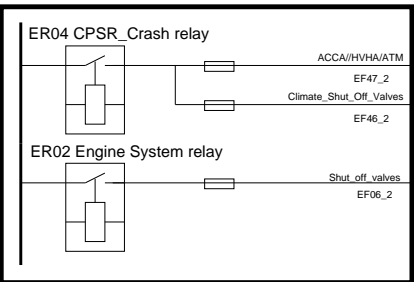
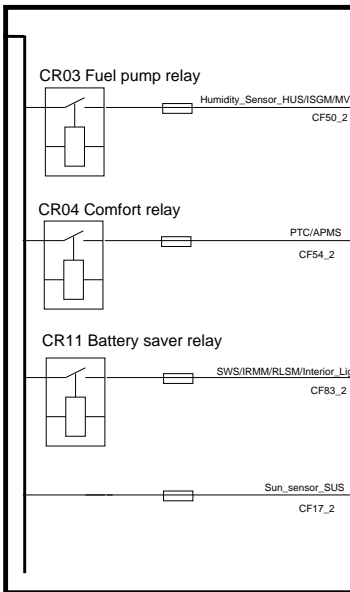
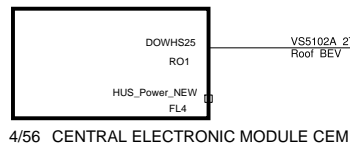
<b>Document title</b> CMA_622A_CC_All_5_30 5A_Climate_Control_HEV_PHEV	
<b>Document Type</b> DRAW/ELSY	<b>Release Status</b> RELEASED
CEVT Document No 8888522365	<b>Edited</b> May/26/2022
<b>Issue</b> 030	<b>Page No</b> 101/149

# 5A Climate Control HVAC ECC

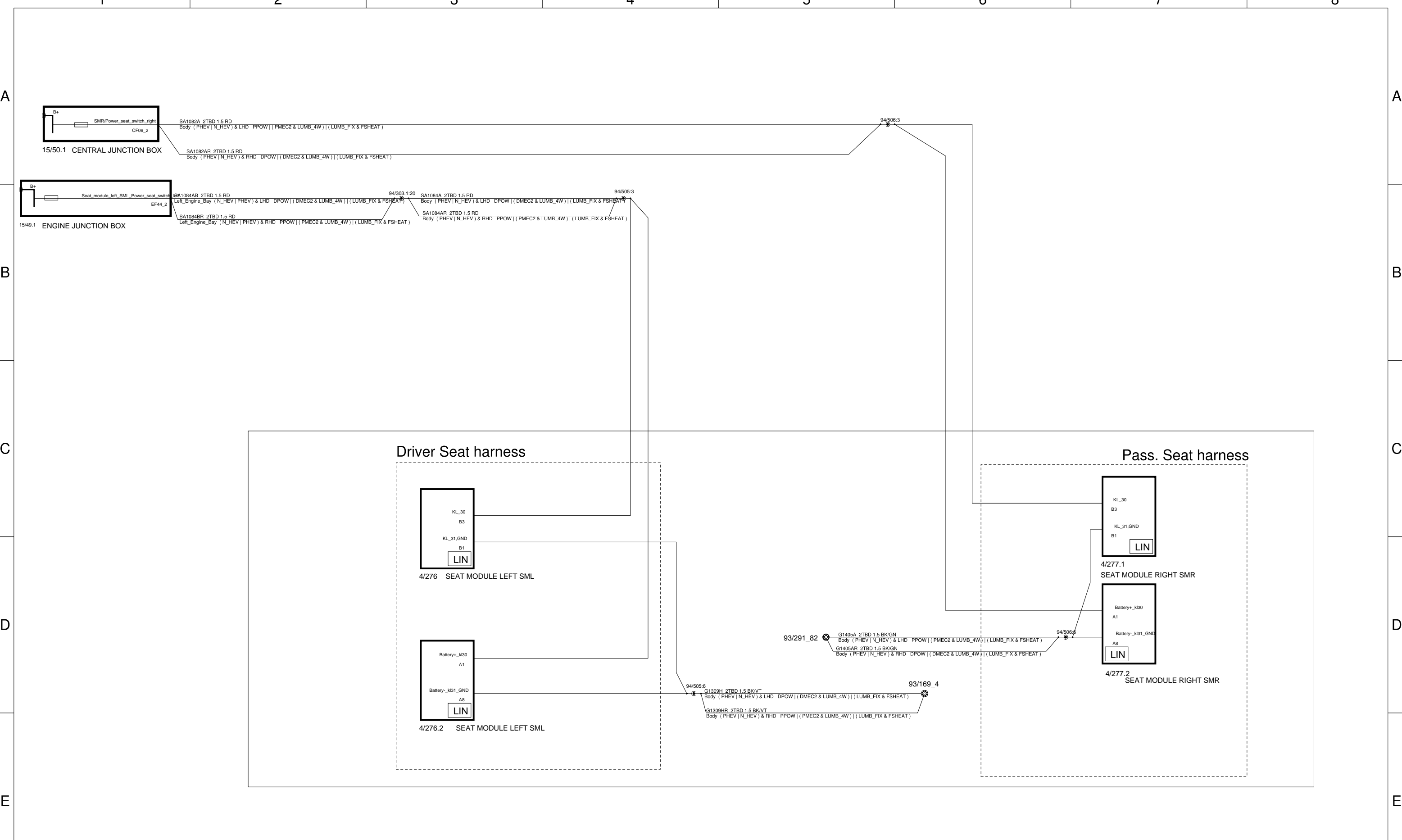


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		<p><b>Document Type</b> DRAW/ELSY</p>	<p><b>Release Status</b> RELEASED</p>
		<p>Volvo Document No 33445458</p>	<p><b>Edited</b> May/26/2022</p>
		<p><b>Issue</b> 030</p>	<p><b>Page No</b> 102/149</p>

# 5A Climate Control



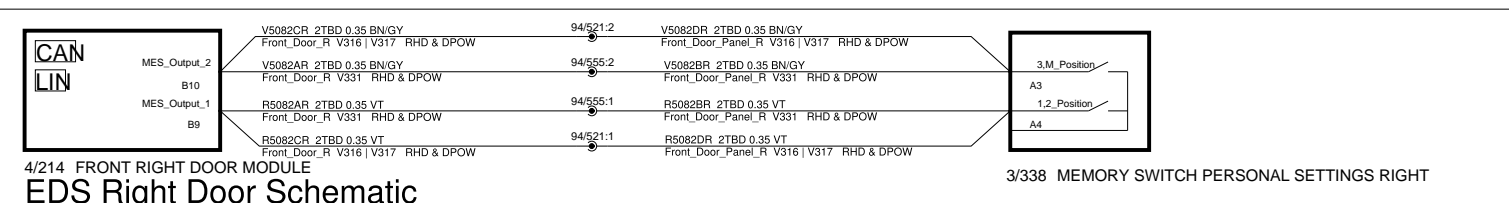
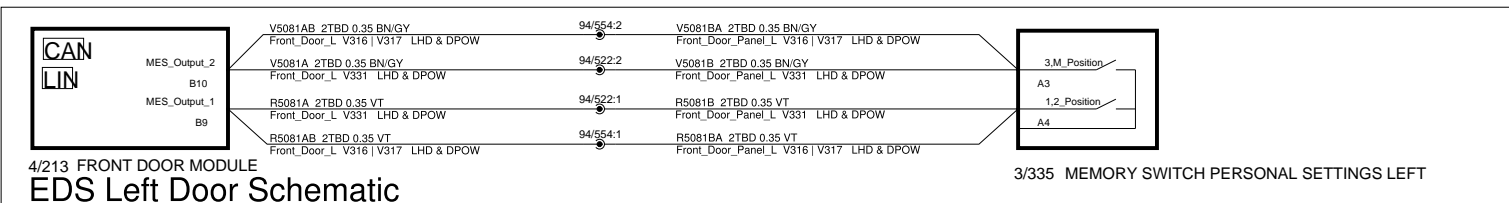
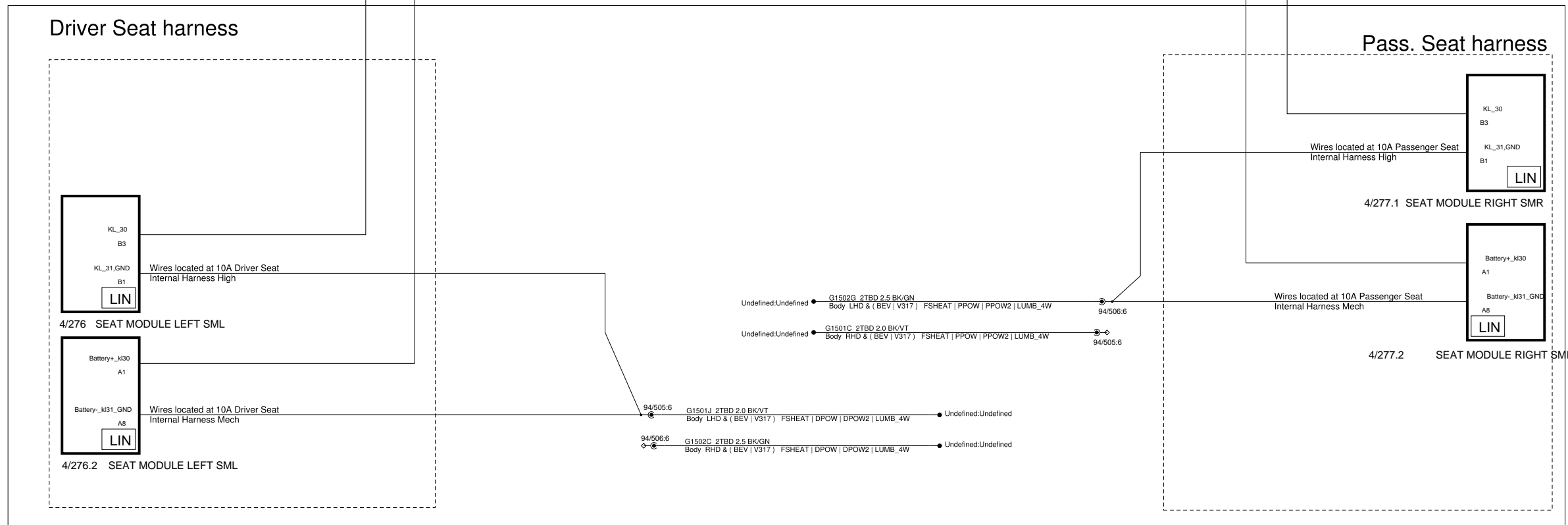
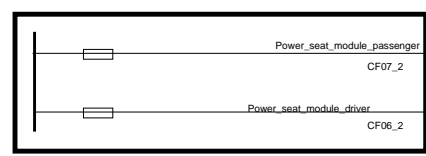
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	<b>Document Type</b>	<b>Release Status</b>
	DRAW/ELSY	RELEASED
	Volvo Document No 33445458	<b>Edited</b> February/17/2022
<b>Issue</b> 030	<b>Page No</b> 100/149	



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	<b>Document Type</b> DRAW/ELSY	<b>Release Status</b> RELEASED
	CEVT Document No 8888522365	<b>Edited</b> May/26/2022
	<b>Issue</b> 030	<b>Page No</b> 104/149



# 5B Front Seat Comfort

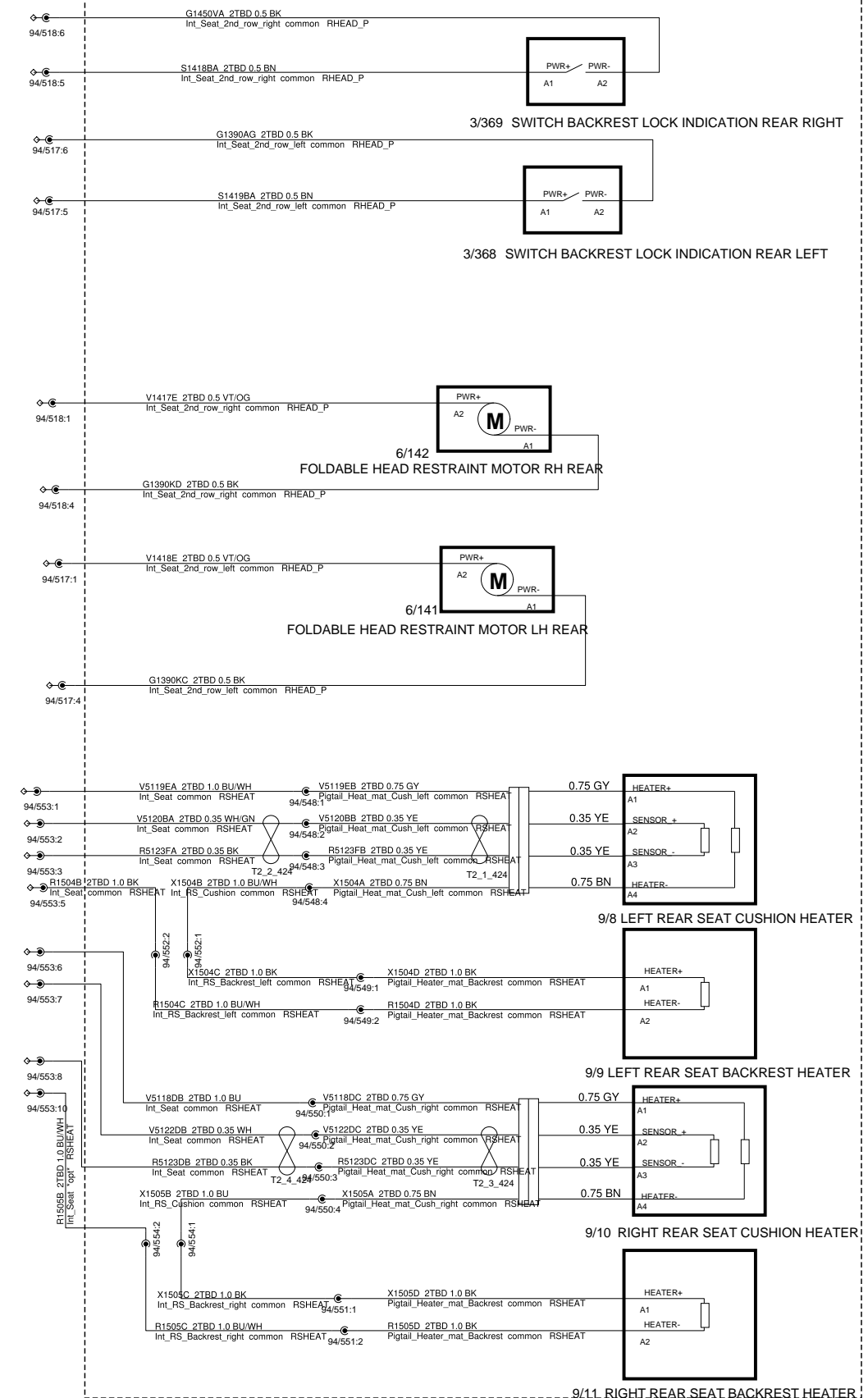


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<b>Document title</b> 5B_Front_Seat_Comfort		CMA_622A_CC_All_5_30	
<b>Document Type</b> DRAW/ELSY	<b>Release Status</b> RELEASED		
Volvo Document No 33445458		<b>Edited</b> March/04/2022	
<b>Issue</b> 030		<b>Page No</b> 103/149	

# Rear Seat Harness



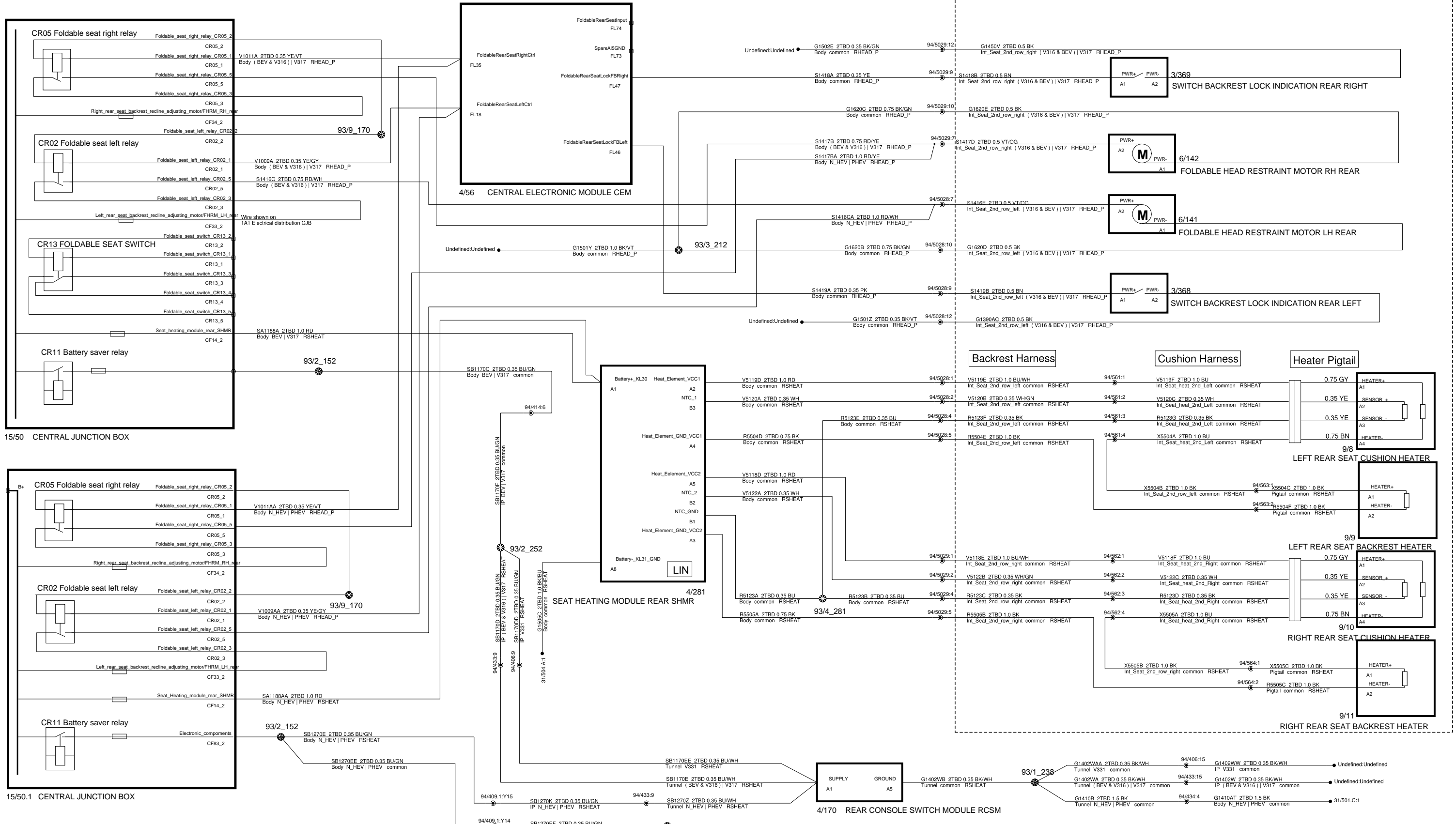
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**VOLVO**  
VOLVO CAR CORPORATION

<b>Document title</b>		CMA_622A_CC_All_5_30	
5B_Rear_Seat_Comfort_PHEV			
<b>Document Type</b>	<b>Release Status</b>		
DRAW/ELSY	RELEASED		
CEVT Document No		<b>Edited</b>	
8888522365		May/26/2022	
<b>Issue</b>		<b>Page No</b>	
030		106/149	

# 5B Rear Seat Comfort

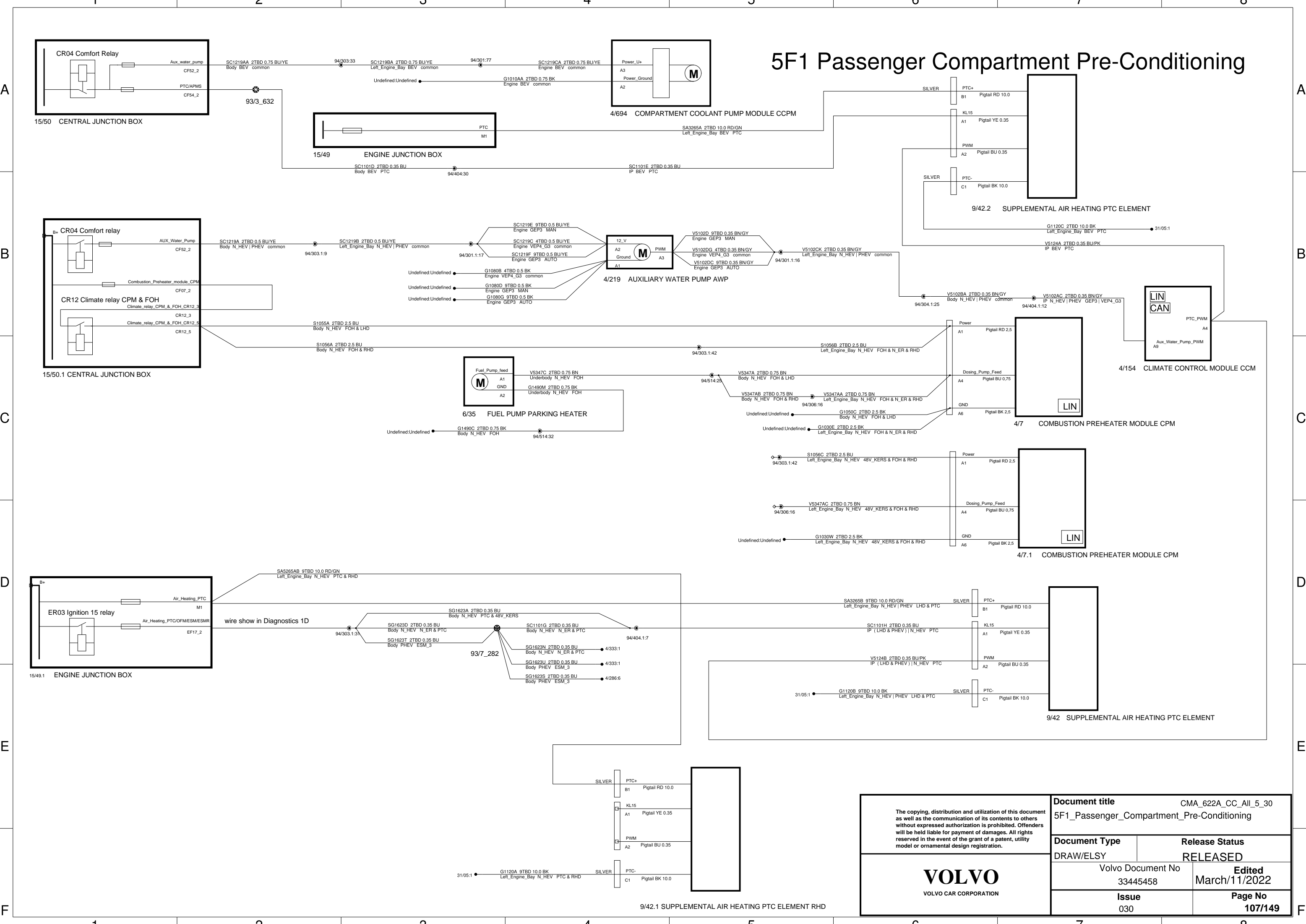
## Rear Seat Harness



Continues though  
- 8A\_Exterior\_Light\_Front  
- 9A\_Interior\_Lights

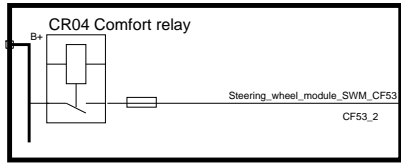
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<p><b>Document Type</b> DRAW/ELSY</p>	<p><b>Release Status</b> RELEASED</p>
<p>Volvo Document No 33445458</p>	<p><b>Edited</b> June/16/2021</p>
<p><b>Issue</b> 030</p>	<p><b>Page No</b> 105/149</p>

# 5F1 Passenger Compartment Pre-Conditioning

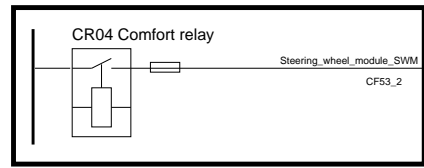


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		<p><b>Document Type</b> DRAW/ELSY</p>	<p><b>Release Status</b> RELEASED</p>
<p><b>VOLVO</b> VOLVO CAR CORPORATION</p>		<p>Volvo Document No 33445458</p>	<p><b>Edited</b> March/11/2022</p>
		<p><b>Issue</b> 030</p>	<p><b>Page No</b> 107/149</p>

# 5G Steering Wheel Heating



15/50.1 CENTRAL JUNCTION BOX



15/50 CENTRAL JUNCTION BOX

SC1246AA 2TBD 1.0 BU/BN  
Body N\_HEV | PHEV HEATSTER

94/404.1:17

SC1247BB 2TBD 1.0 BU/BN  
IP N\_HEV | PHEV HEATSTER

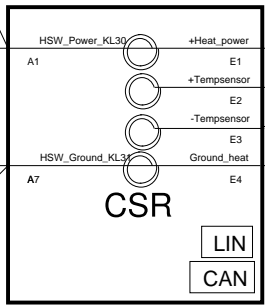
SC1247A 2TBD 1.0 BU/BN  
Body BEV HEATSTER

94/404:47

SC1247B 2TBD 1.0 BU/BN  
IP BEV HEATSTER

G1402BR 2TBD 1.0 BK/WH  
IP RHD HEATSTER

G1401AN 2TBD 1.0 BK/YE  
IP LHD HEATSTER



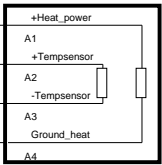
4/247 STEERING WHEEL MODULE SWM

S1247C 2TBD 0.75 BK  
Int\_Heated\_Steering\_wheel common HEATSTER

V5247A 2TBD 0.35 BK  
Int\_Heated\_Steering\_wheel common HEATSTER

R5247A 2TBD 0.35 BK  
Int\_Heated\_Steering\_wheel common HEATSTER

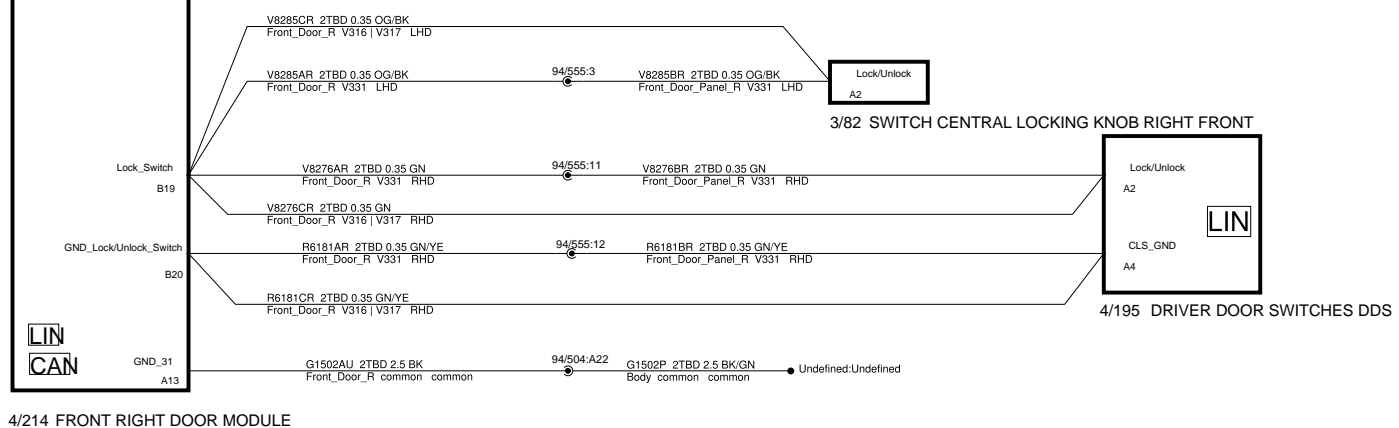
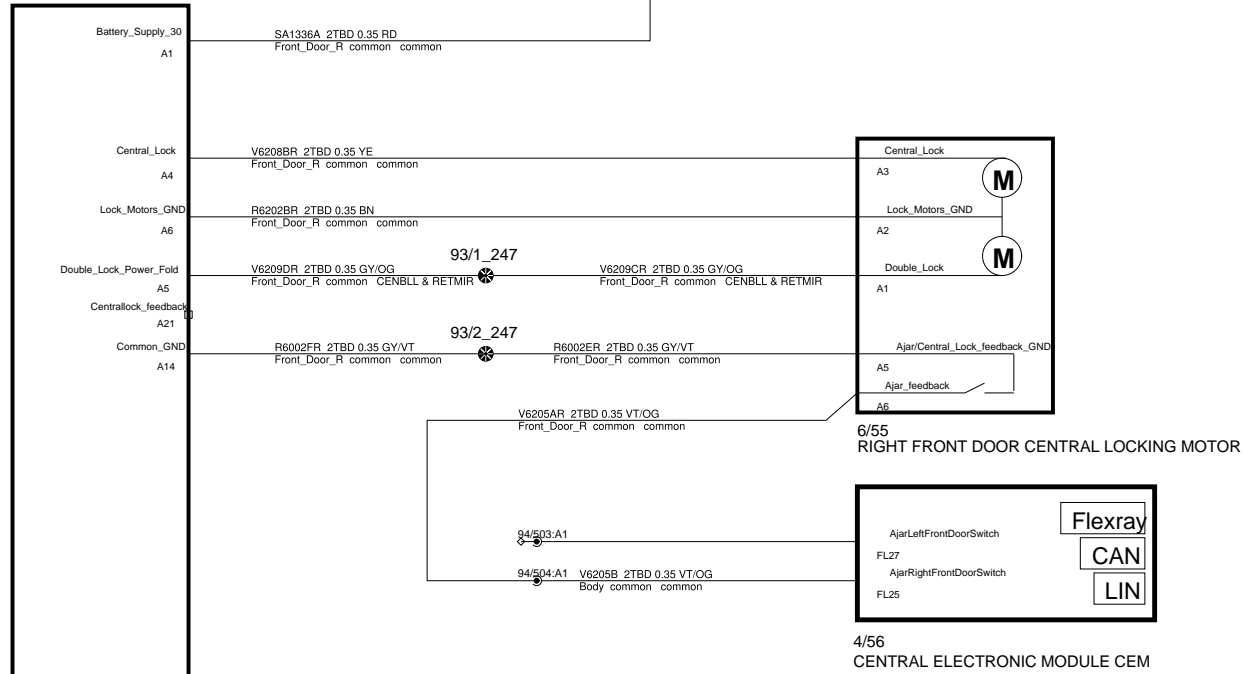
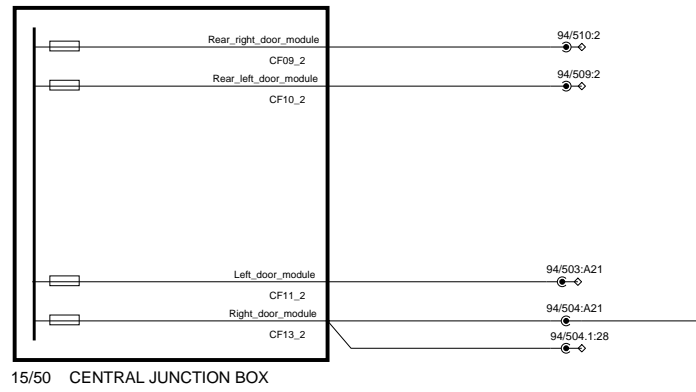
G6248A 2TBD 0.75 BK  
Int\_Heated\_Steering\_wheel common HEATSTER



9/55 HEATED STEERING WHEEL

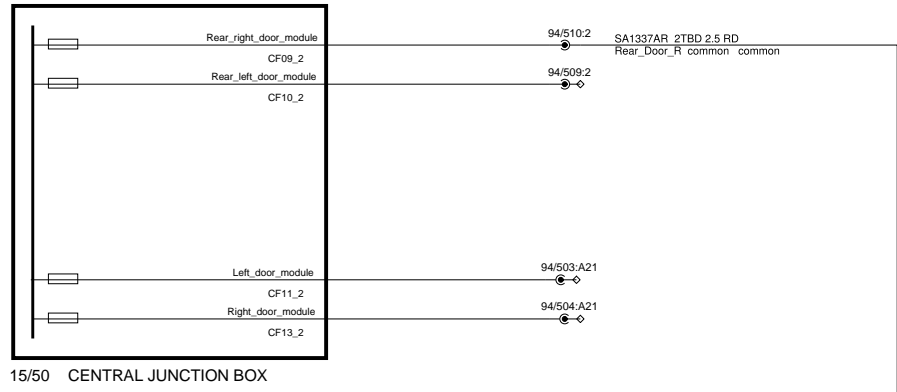
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	<b>Document Type</b> DRAW/ELSY	<b>Release Status</b> RELEASED
	Volvo Document No 33445458	<b>Edited</b> May/26/2022
	<b>Issue</b> 030	<b>Page No</b> 108/149

# 6A Locking Front Right

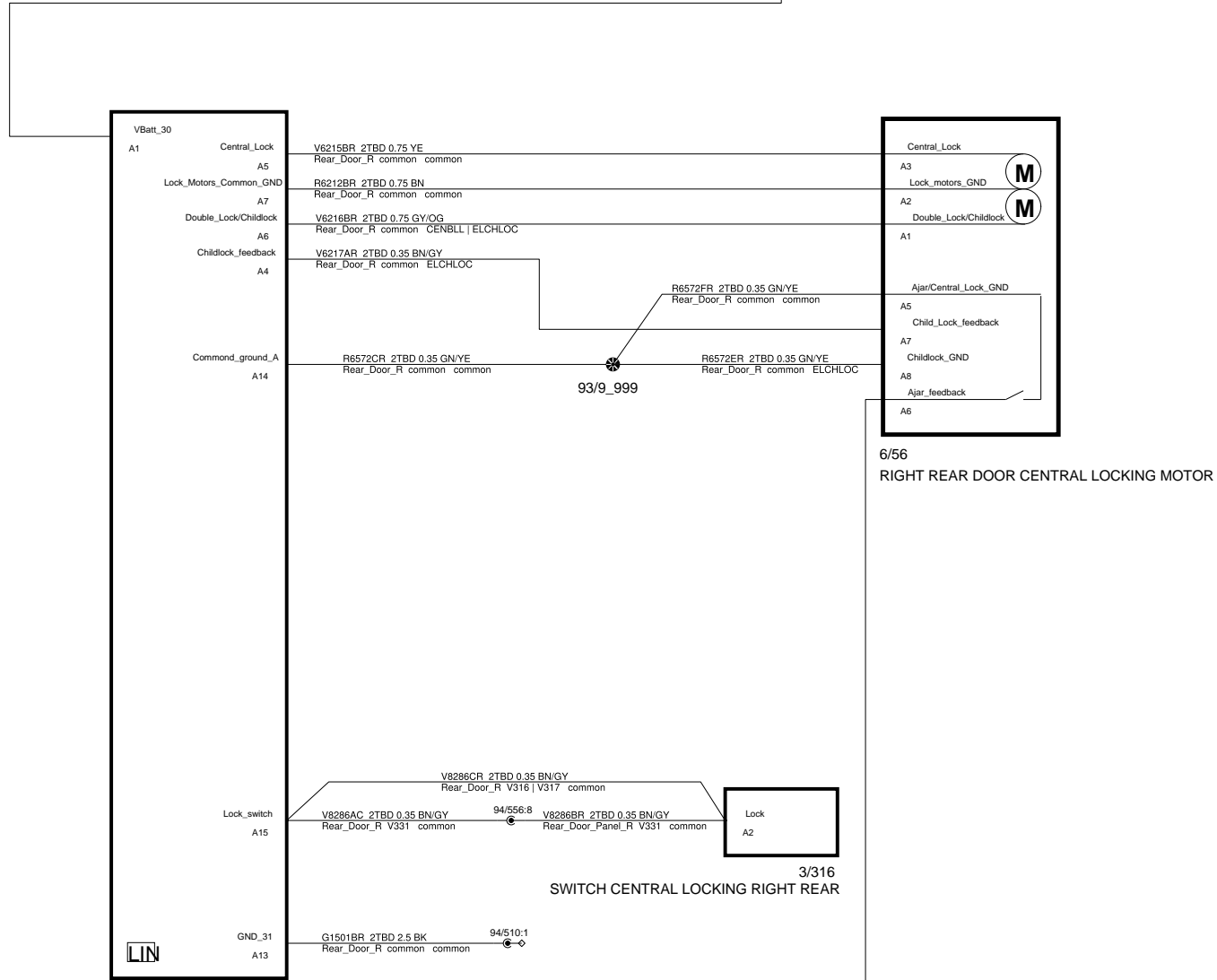


<b>VOLVO</b> VOLVO CAR CORPORATION	<b>Document title</b> CMA_622A_CC_All_5_30 6A_Locking_Front_Right	
	<b>Document Type</b> DRAW/ELSY	<b>Release Status</b> RELEASED
	CEVT Document No 8888522365	<b>Edited</b> March/02/2022
	<b>Issue</b> 030	<b>Page No</b> 110/149

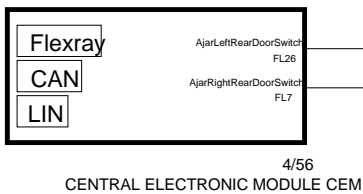
# 6A Locking Rear Right



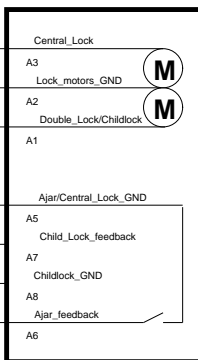
15/50 CENTRAL JUNCTION BOX



4/216 REAR RIGHT DOOR MODULE



4/56 CENTRAL ELECTRONIC MODULE CEM

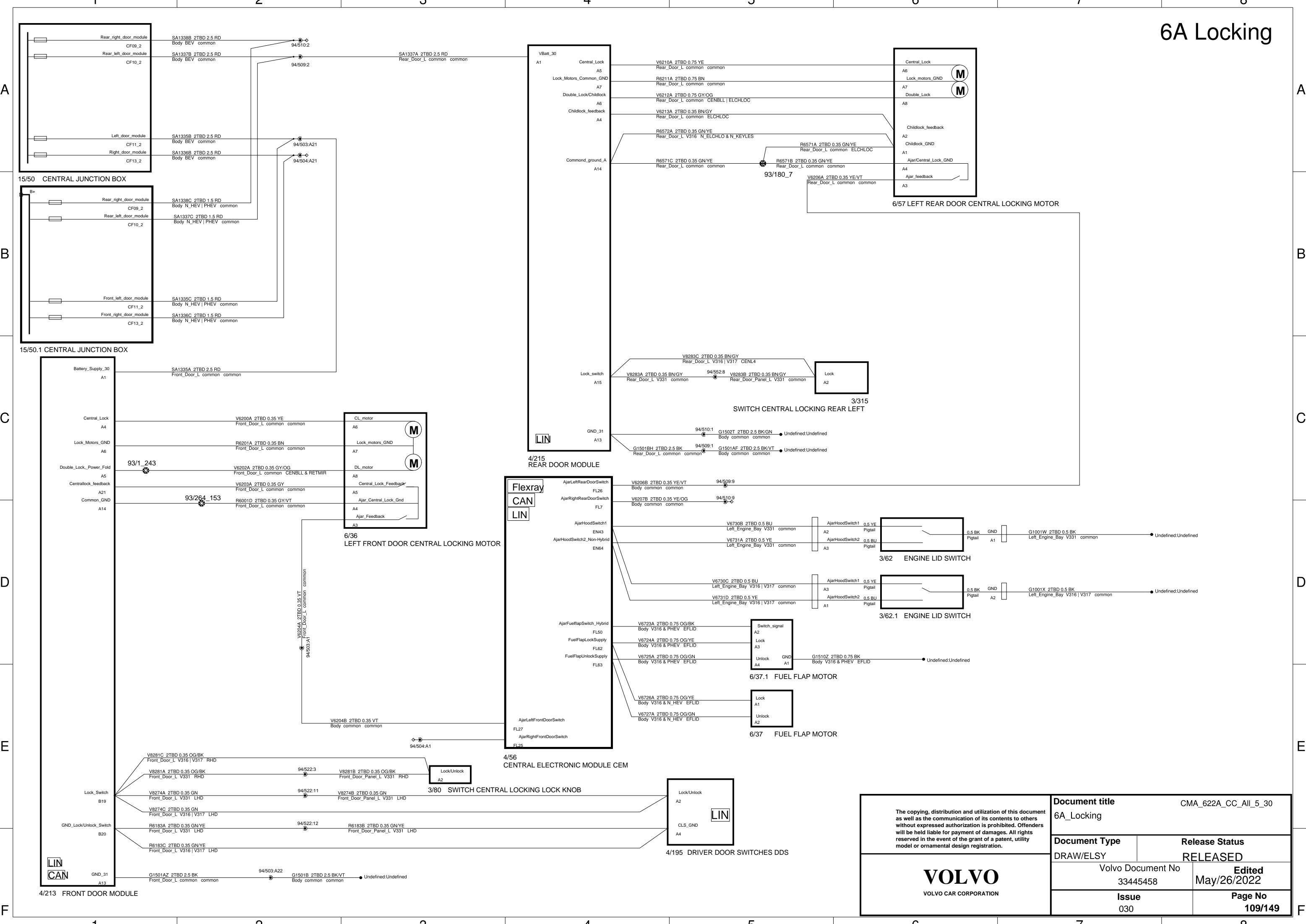


6/56 RIGHT REAR DOOR CENTRAL LOCKING MOTOR

3/316 SWITCH CENTRAL LOCKING RIGHT REAR

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	<b>Document Type</b> DRAW/ELSY	<b>Release Status</b> RELEASED
	CEVT Document No 8888522365	<b>Edited</b> March/02/2022
	<b>Issue</b> 030	<b>Page No</b> 111/149

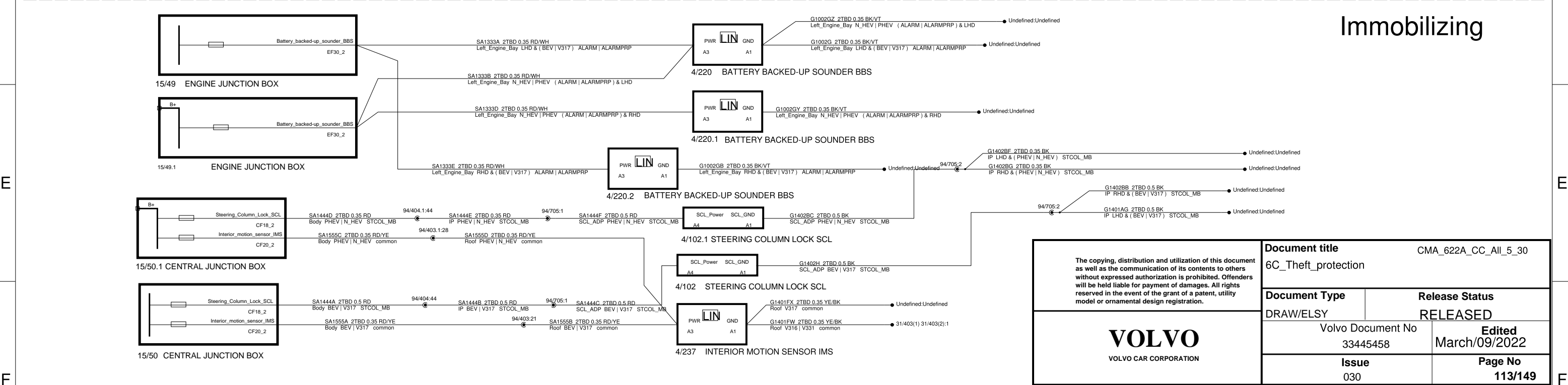
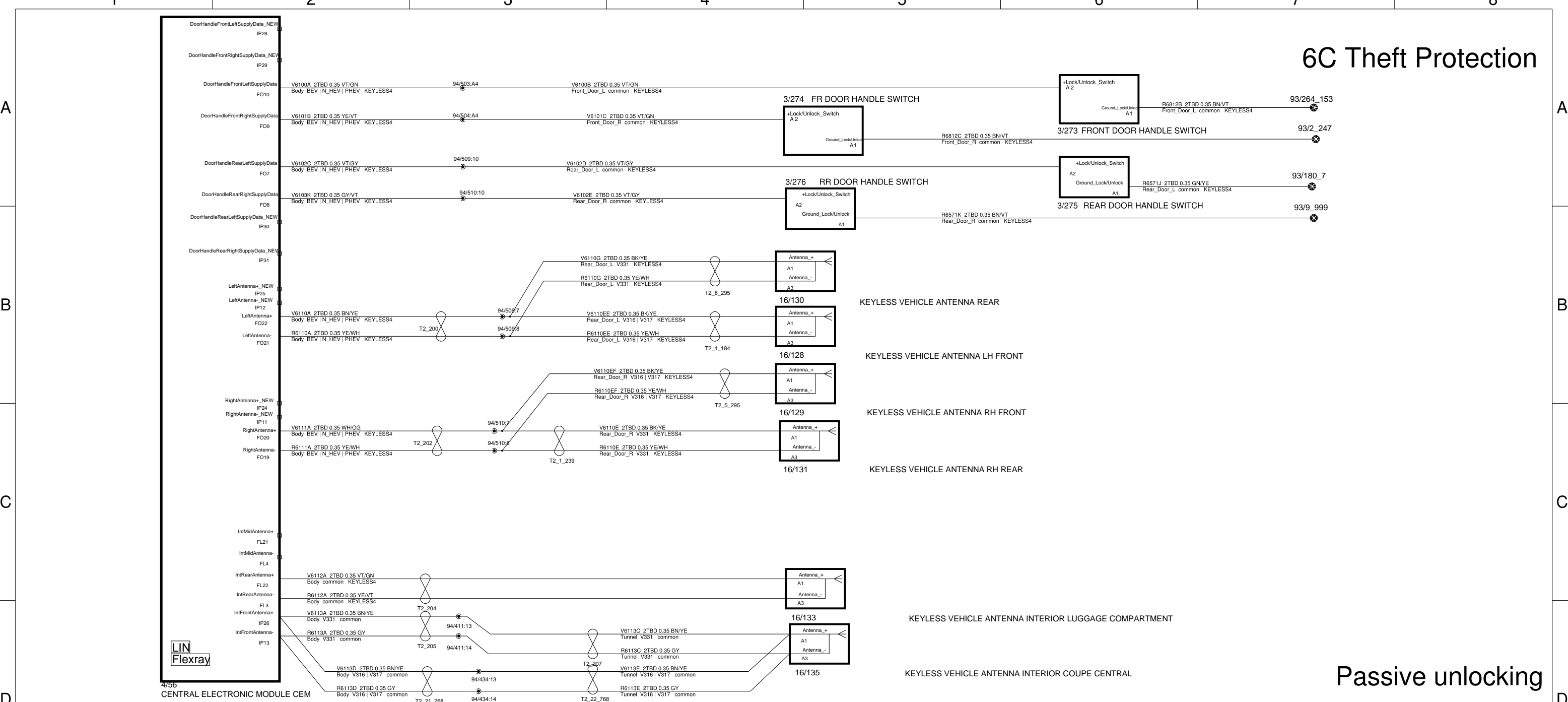
# 6A Locking



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<b>Document Type</b> DRAW/ELSY	<b>Release Status</b> RELEASED		
Volvo Document No 33445458		<b>Edited</b> May/26/2022	
<b>Issue</b> 030		<b>Page No</b> 109/149	

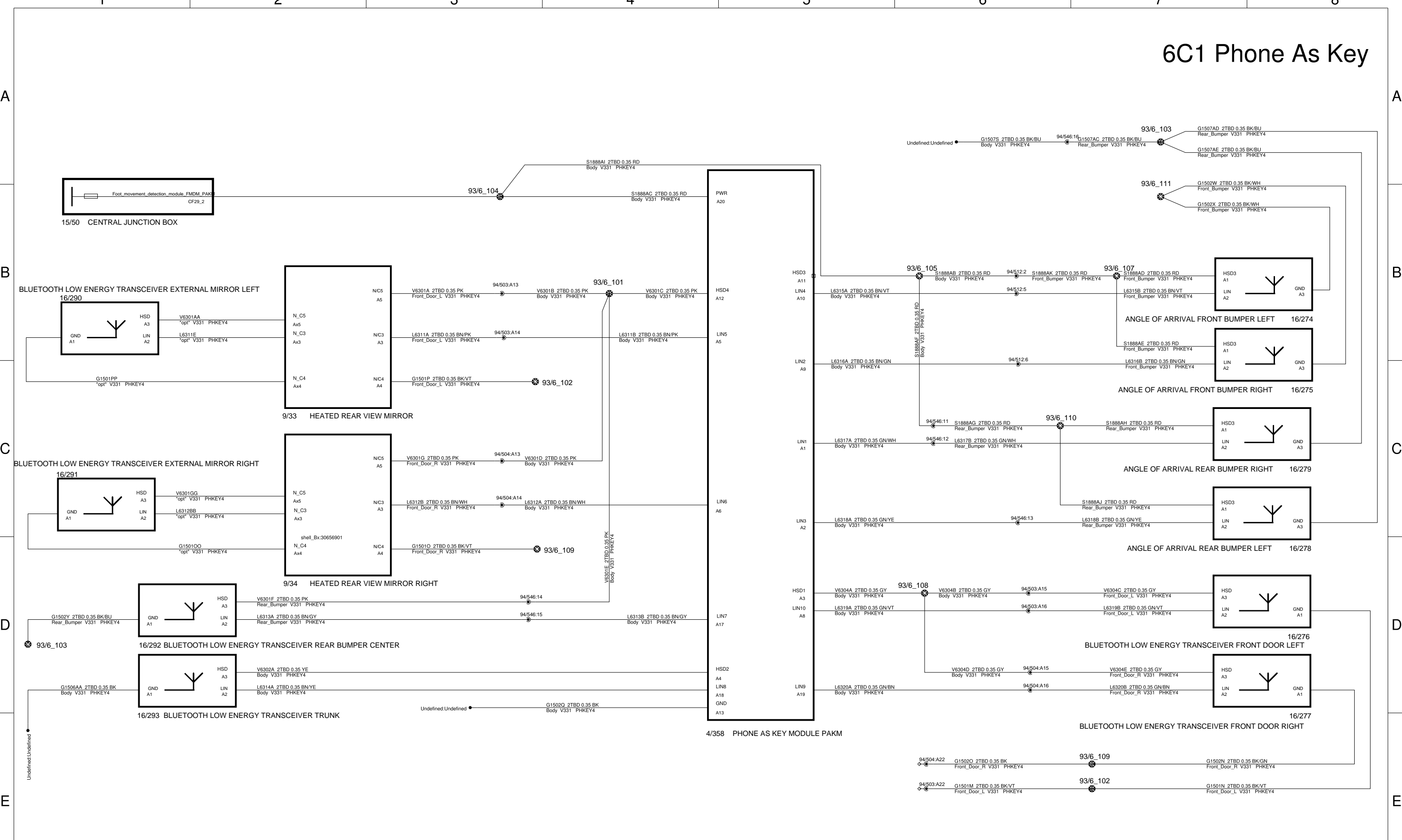


# 6C Theft Protection



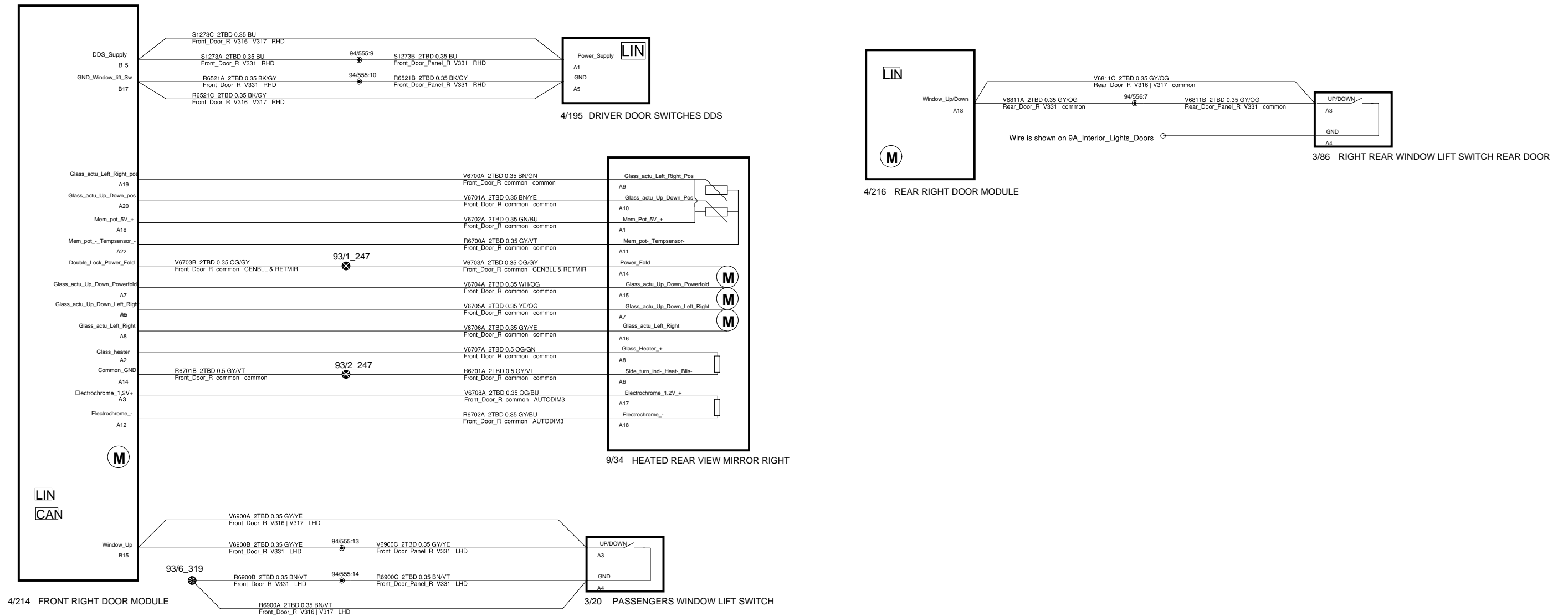
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<b>Document Type</b> DRAW/ELSY		<b>Release Status</b> RELEASED	
Volvo Document No 33445458		<b>Edited</b> March/09/2022	
<b>Issue</b> 030		<b>Page No</b> 113/149	

# 6C1 Phone As Key



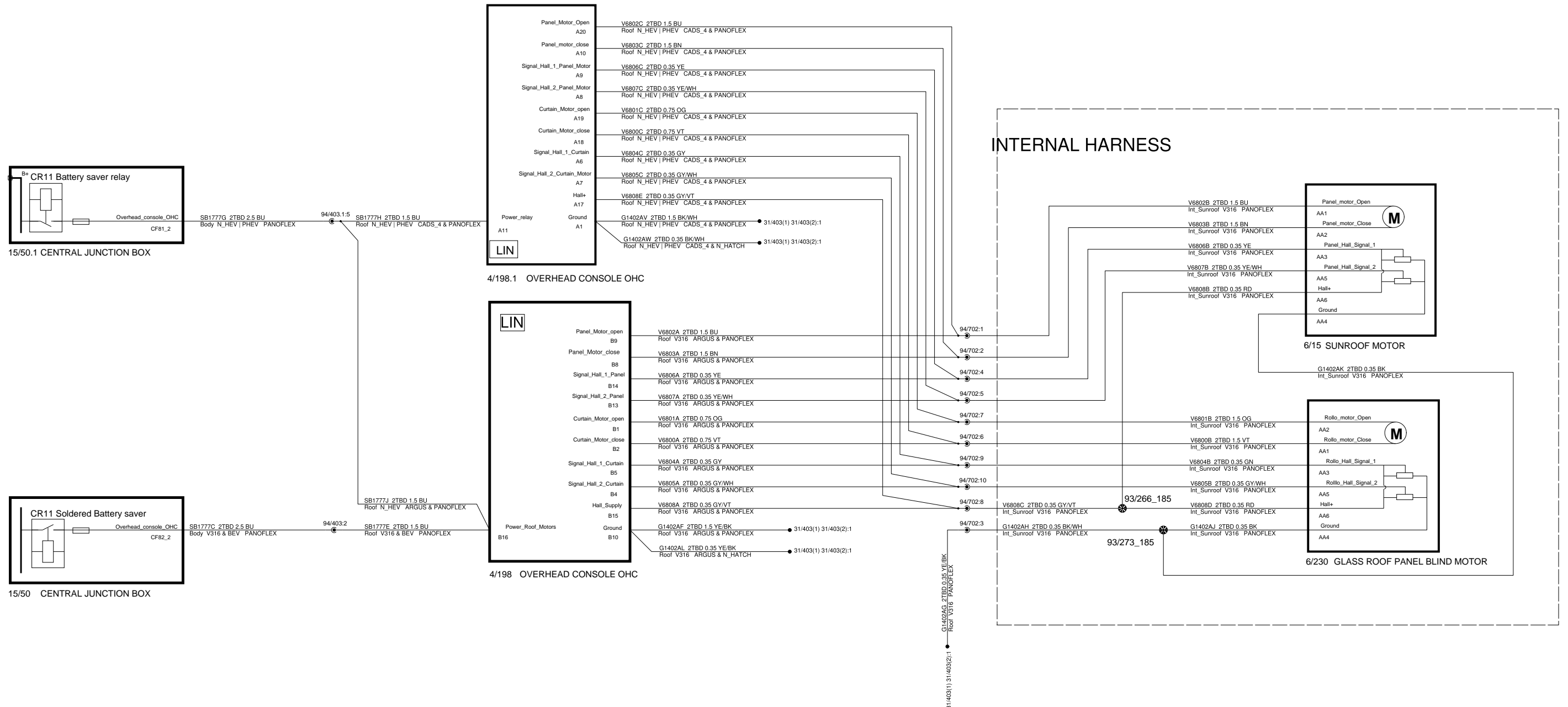


# 6D Window manoeuvring Right 6E Mirror manoeuvring Right



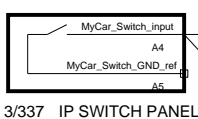
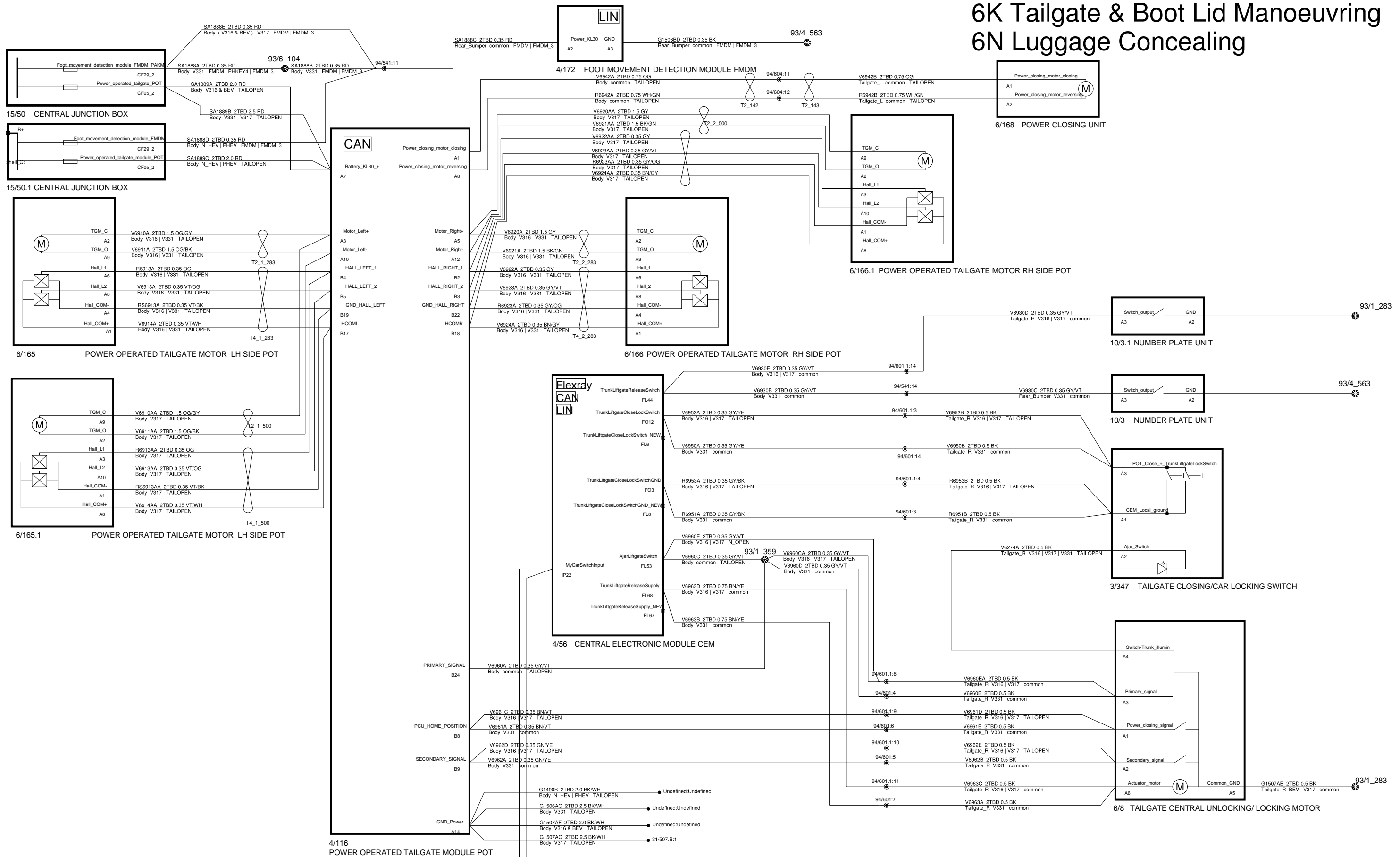
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	<b>Document Type</b> DRAW/ELSY	<b>Release Status</b> RELEASED
	CEVT Document No 8888522365	<b>Edited</b> February/28/2022
	<b>Issue</b> 030	<b>Page No</b> 115/149

# 6F Roof Manoeuvring



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	<b>Document Type</b> DRAW/ELSY	<b>Release Status</b> RELEASED
	CEVT Document No 8888522365	<b>Edited</b> June/16/2021
	<b>Issue</b> 030	<b>Page No</b> 116/149

# 6K Tailgate & Boot Lid Manoeuvring 6N Luggage Concealing

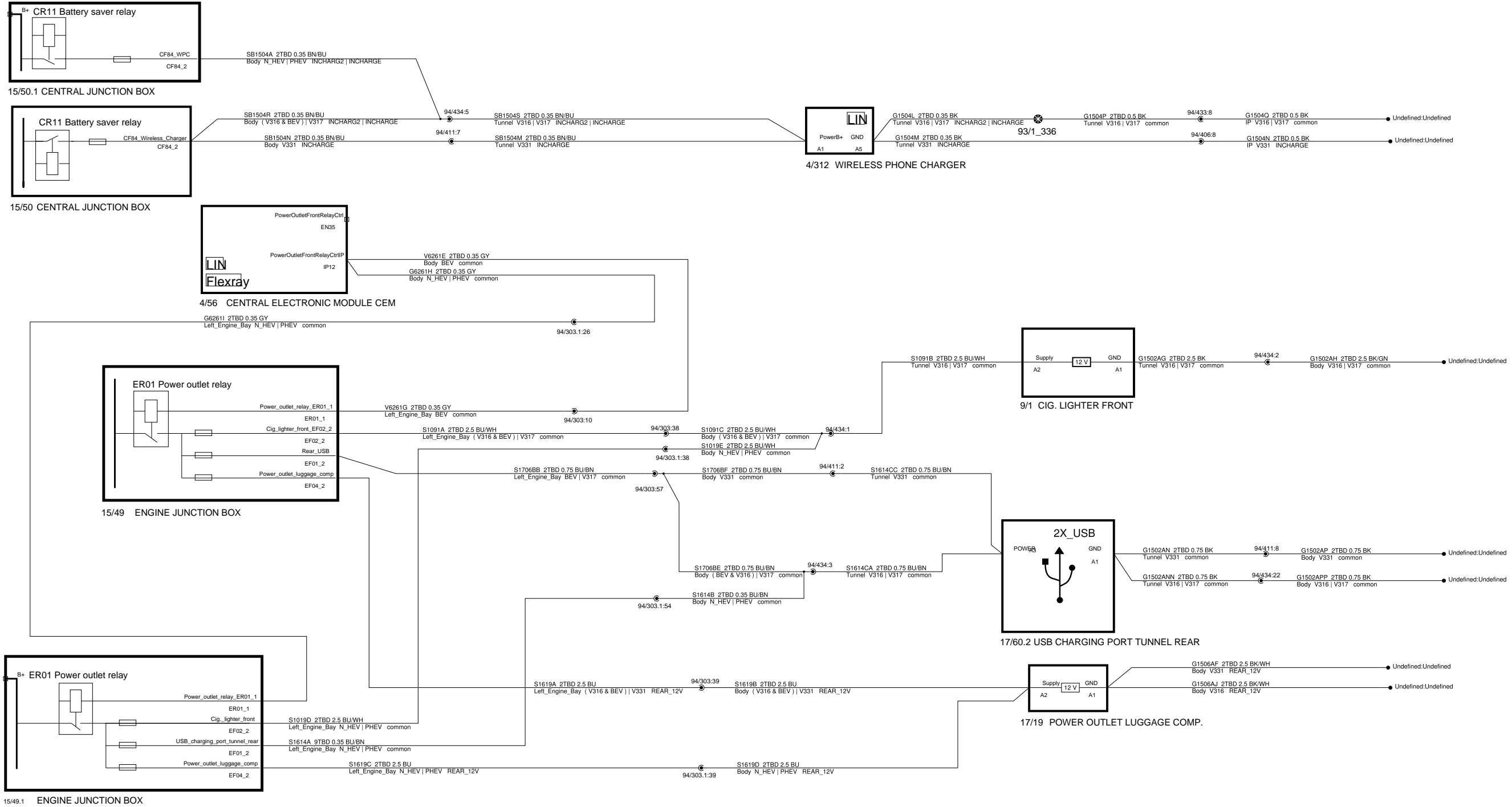


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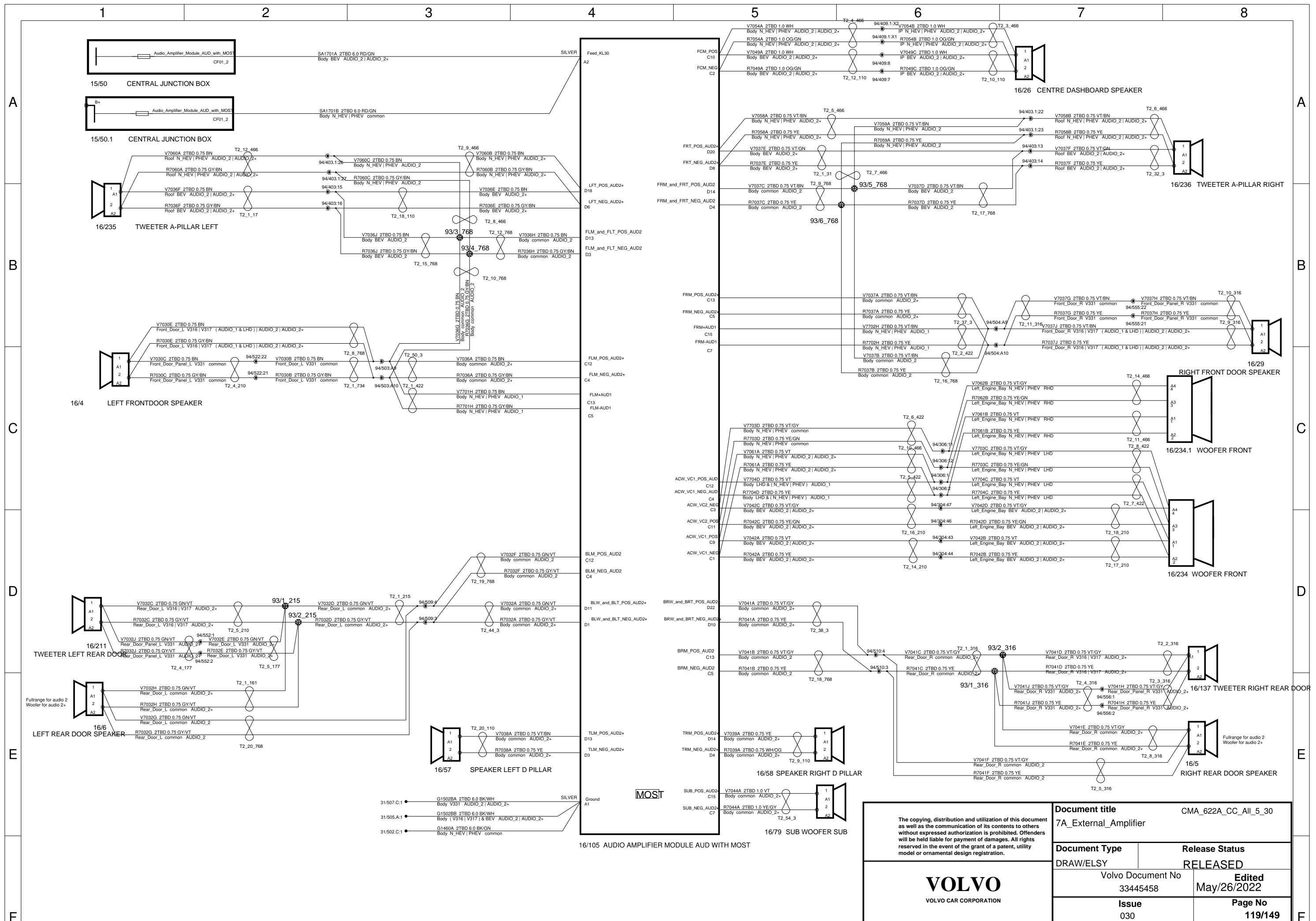


<b>Document title</b>		CMA_622A_CC_All_5_30 6K_Tailgate_and_boot_lid_manoeuvring_etc	
<b>Document Type</b>	<b>Release Status</b>		
DRAW/ELSY	RELEASED		
Volvo Document No 33445458		<b>Edited</b> March/17/2022	
<b>Issue</b> 030	<b>Page No</b> 117/149		

# 6P Voltage Outlet

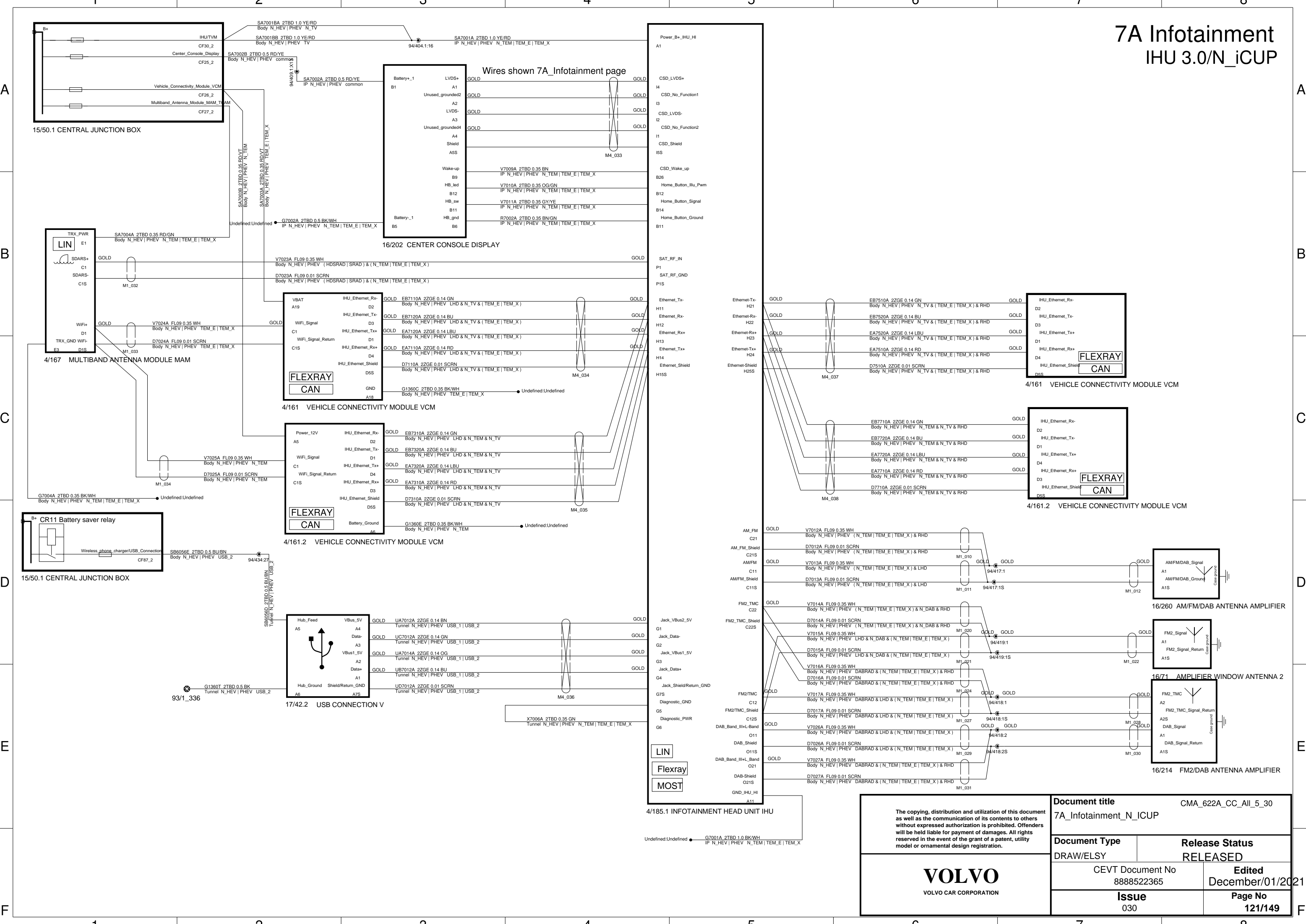


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	<b>Document Type</b> DRAW/ELSY	<b>Release Status</b> RELEASED
	Volvo Document No 33445458	<b>Edited</b> February/18/2022
<b>Issue</b> 030	<b>Page No</b> 118/149	





# 7A Infotainment IHU 3.0/N\_iCUP



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<b>Document Type</b> DRAW/ELSY		<b>Release Status</b> RELEASED	
CEVT Document No 8888522365		<b>Edited</b> December/01/2021	
<b>Issue</b> 030		<b>Page No</b> 121/149	



Undefined:Undefined ● G7001A 2TBD 1.0 BK/WH IP\_N\_HEV|PHEV\_N\_TEM|TEM\_E|TEM\_X

4/185.1 INFOTAINMENT HEAD UNIT IHU

LIN  
Flexray  
MOST

Jack\_VBus2\_5V  
G1  
Jack\_Data-  
G2  
Jack\_VBus1\_5V  
G3  
Jack\_Data+  
G4  
Jack\_Shield/Return\_GND  
G7S  
Diagnostic\_GND  
G5  
Diagnostic\_PWR  
G6

Power\_12V  
A5  
WIFI\_Signal  
C1  
WIFI\_Signal\_Return  
D4  
C1S  
IHU\_Ethernet\_Rx+  
D3  
IHU\_Ethernet\_Shield  
D5S  
Battery\_Ground  
A6

VBAT  
A19  
IHU\_Ethernet\_Rx-  
D2  
IHU\_Ethernet\_Tx-  
D3  
WIFI\_Signal  
C1  
IHU\_Ethernet\_Tx+  
D1  
WIFI\_Signal\_Return  
D4  
C1S  
IHU\_Ethernet\_Rx+  
D1  
IHU\_Ethernet\_Shield  
D5S  
GND  
A18

SAT\_RF\_IN  
P1  
SAT\_RF\_GND  
P1S

Power\_B+\_IHU\_HI  
A1  
CSD\_LVDS+  
I4  
CSD\_No\_Function1  
I3  
CSD\_LVDS-  
I2  
CSD\_No\_Function2  
I2  
CSD\_Shield  
I5S  
CSD\_Wake\_up  
B26  
Home\_Button\_Illu\_Pwm  
B12  
Home\_Button\_Signal  
B14  
Home\_Button\_Ground  
B11

Wires shown 7A\_Infotainment page

Battery+_1 B1	LVDS+ A1	GOLD	GOLD
Unused_grounded2	A2	GOLD	GOLD
LVDS- A3	A3	GOLD	GOLD
Unused_grounded4	A4	GOLD	GOLD
Shield A4	A4		
A5S	A5		
Wake-up B9	V7009A 2TBD 0.35 BN IP_N_HEV PHEV_N_TEM TEM_E TEM_X		
HB_led B12	V7010A 2TBD 0.35 OG/GN IP_N_HEV PHEV_N_TEM TEM_E TEM_X		
HB_sw B11	V7011A 2TBD 0.35 GY/YE IP_N_HEV PHEV_N_TEM TEM_E TEM_X		
HB_gnd B6	R7002A 2TBD 0.35 BN/GN IP_N_HEV PHEV_N_TEM TEM_E TEM_X		

16/202 CENTER CONSOLE DISPLAY

EB7110A 2ZGE 0.14 GN Body_N_HEV PHEV_LHD & N_TV & (TEM_E TEM_X)	GOLD	GOLD
EB7120A 2ZGE 0.14 BU Body_N_HEV PHEV_LHD & N_TV & (TEM_E TEM_X)	GOLD	GOLD
EA7120A 2ZGE 0.14 LBU Body_N_HEV PHEV_LHD & N_TV & (TEM_E TEM_X)	GOLD	GOLD
EA7110A 2ZGE 0.14 RD Body_N_HEV PHEV_LHD & N_TV & (TEM_E TEM_X)	GOLD	GOLD
D7110A 2ZGE 0.01 SCR/N Body_N_HEV PHEV_LHD & N_TV & (TEM_E TEM_X)		
G1360C 2TBD 0.35 BK/WH Body_N_HEV PHEV_TEM_E TEM_X		

EB7310A 2ZGE 0.14 GN Body_N_HEV PHEV_LHD & N_TEM & N_TV	GOLD	GOLD
EB7320A 2ZGE 0.14 BU Body_N_HEV PHEV_LHD & N_TEM & N_TV	GOLD	GOLD
EA7320A 2ZGE 0.14 LBU Body_N_HEV PHEV_LHD & N_TEM & N_TV	GOLD	GOLD
EA7310A 2ZGE 0.14 RD Body_N_HEV PHEV_LHD & N_TEM & N_TV	GOLD	GOLD
D7310A 2ZGE 0.01 SCR/N Body_N_HEV PHEV_LHD & N_TEM & N_TV		
G1360E 2TBD 0.35 BK/WH Body_N_HEV PHEV_N_TEM		

4/161.2 VEHICLE CONNECTIVITY MODULE VCM

UA7012A 2ZGE 0.14 BN Tunnel_N_HEV PHEV_USB_1 USB_2	GOLD	GOLD
UC7012A 2ZGE 0.14 GN Tunnel_N_HEV PHEV_USB_1 USB_2	GOLD	GOLD
UA7014A 2ZGE 0.14 OG Tunnel_N_HEV PHEV_USB_1 USB_2	GOLD	GOLD
UB7012A 2ZGE 0.14 BU Tunnel_N_HEV PHEV_USB_1 USB_2	GOLD	GOLD
UD7012A 2ZGE 0.01 SCR/N Tunnel_N_HEV PHEV_USB_1 USB_2		

17/42.2 USB CONNECTION V

X7006A 2TBD 0.35 GN  
Tunnel\_N\_HEV|PHEV\_N\_TEM|TEM\_E|TEM\_X

G1360T 2TBD 0.5 BK  
Tunnel\_N\_HEV|PHEV\_USB\_2

93/1\_336

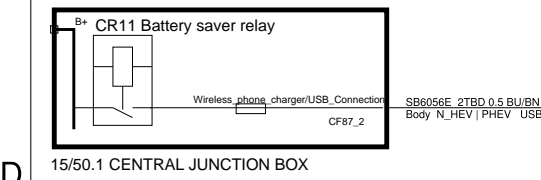
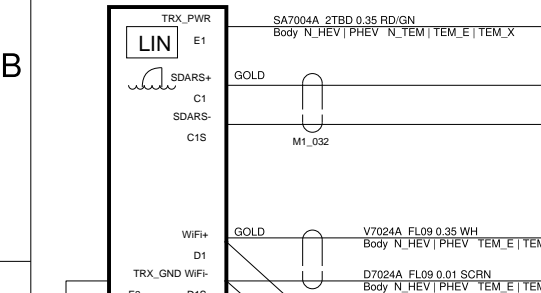
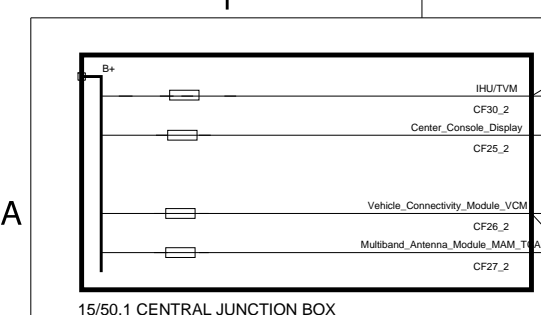
Hub\_Feed  
A5  
VBus\_5V  
A4  
Data-  
A3  
VBus1\_5V  
A2  
Data+  
A1  
Hub\_Ground  
A6  
Shield/Return\_GND  
A7S

Power\_12V  
A5  
WIFI\_Signal  
C1  
WIFI\_Signal\_Return  
D4  
C1S  
IHU\_Ethernet\_Rx+  
D3  
IHU\_Ethernet\_Shield  
D5S  
Battery\_Ground  
A6

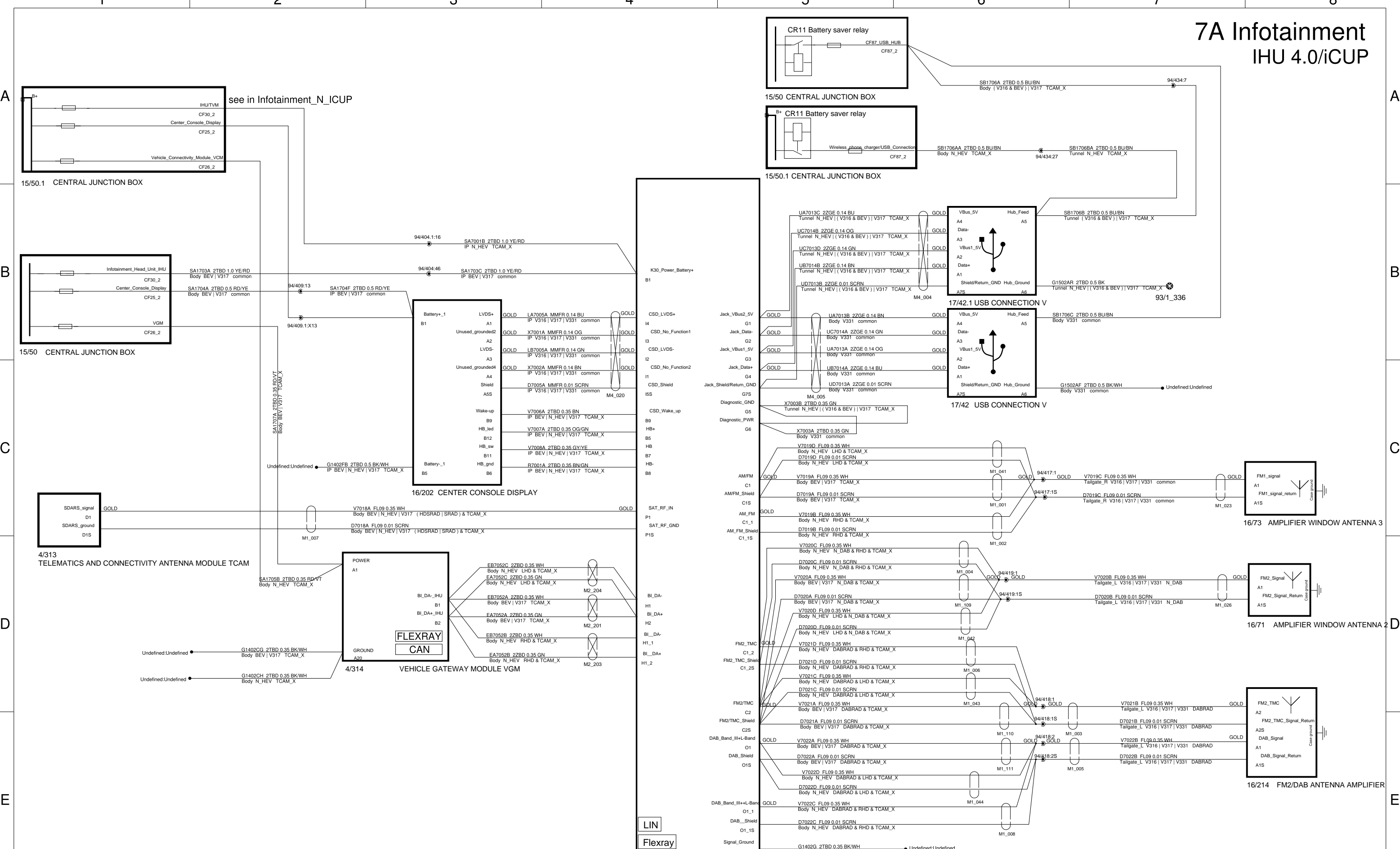
VBAT  
A19  
IHU\_Ethernet\_Rx-  
D2  
IHU\_Ethernet\_Tx-  
D3  
WIFI\_Signal  
C1  
IHU\_Ethernet\_Tx+  
D1  
WIFI\_Signal\_Return  
D4  
C1S  
IHU\_Ethernet\_Rx+  
D1  
IHU\_Ethernet\_Shield  
D5S  
GND  
A18

SAT\_RF\_IN  
P1  
SAT\_RF\_GND  
P1S

Power\_B+\_IHU\_HI  
A1  
CSD\_LVDS+  
I4  
CSD\_No\_Function1  
I3  
CSD\_LVDS-  
I2  
CSD\_No\_Function2  
I2  
CSD\_Shield  
I5S  
CSD\_Wake\_up  
B26  
Home\_Button\_Illu\_Pwm  
B12  
Home\_Button\_Signal  
B14  
Home\_Button\_Ground  
B11



# 7A Infotainment IHU 4.0/iCUP

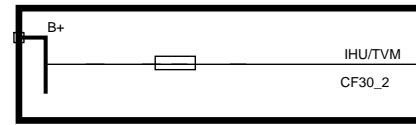


LIN  
 Flexray  
 MOST  
 4/185 INFOTAINMENT HEAD UNIT IHU

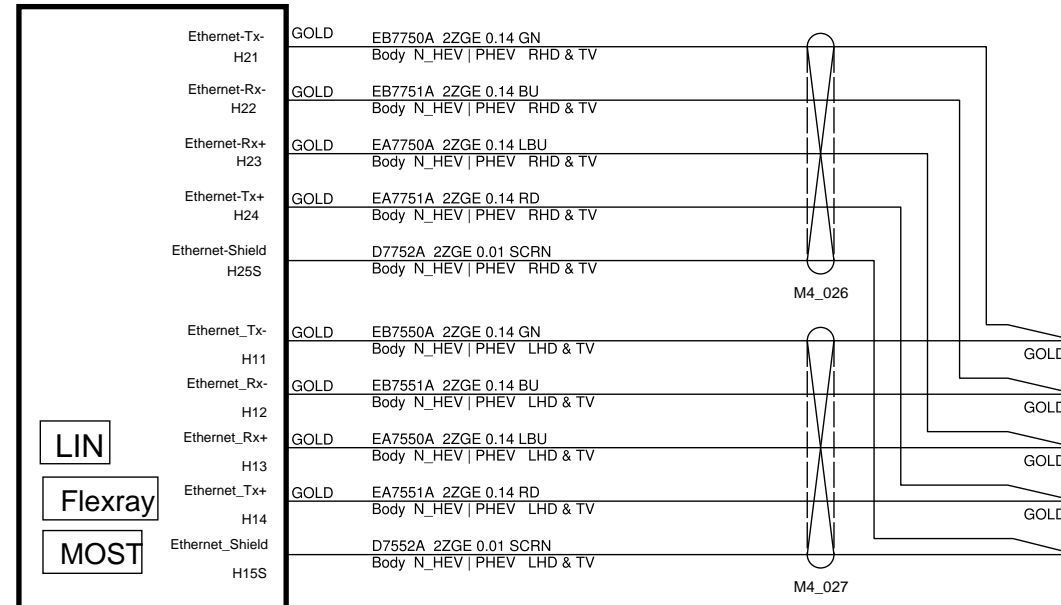
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<p><b>Document Type</b> DRAW/ELSY</p>		<p><b>Release Status</b> RELEASED</p>		<p><b>Edited</b> September/16/202</p>	
<p><b>Issue</b> 030</p>		<p>Volvo Document No 33445458</p>		<p><b>Page No</b> 120/149</p>	



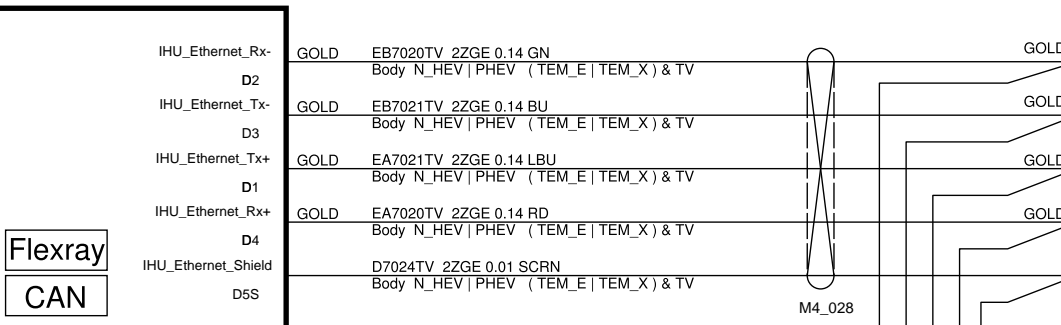
# 7A Television



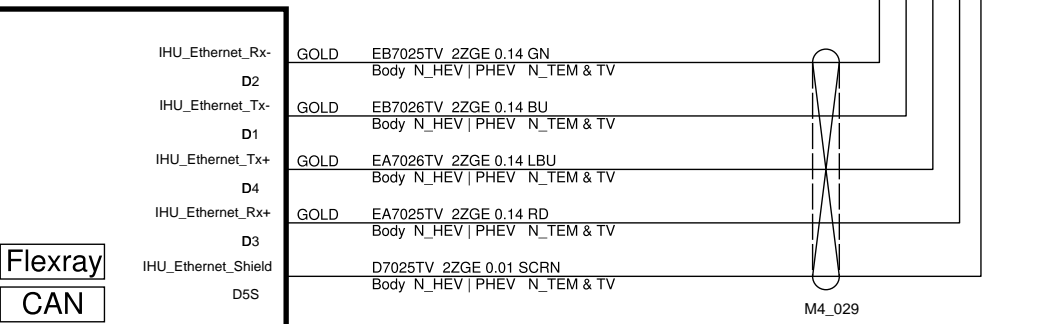
15/50.1 CENTRAL JUNCTION BOX



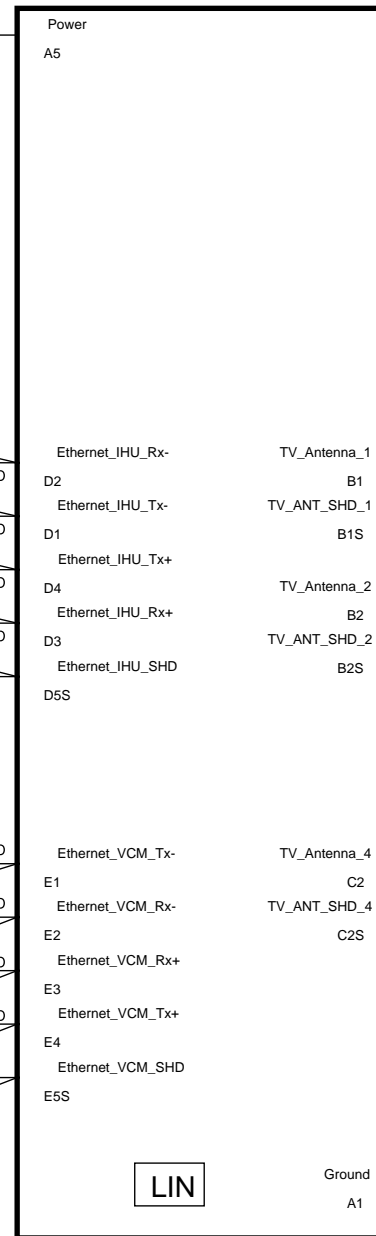
4/185.1 INFOTAINMENT HEAD UNIT IHU



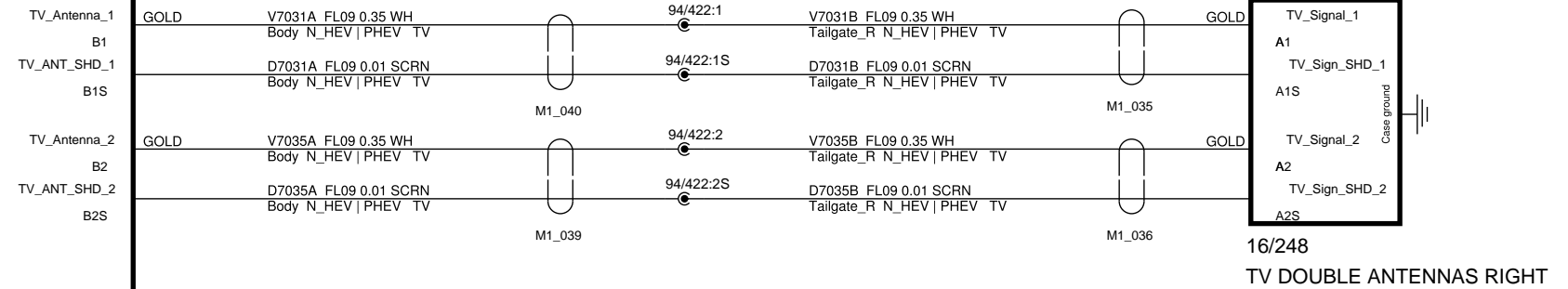
4/161 VEHICLE CONNECTIVITY MODULE VCM



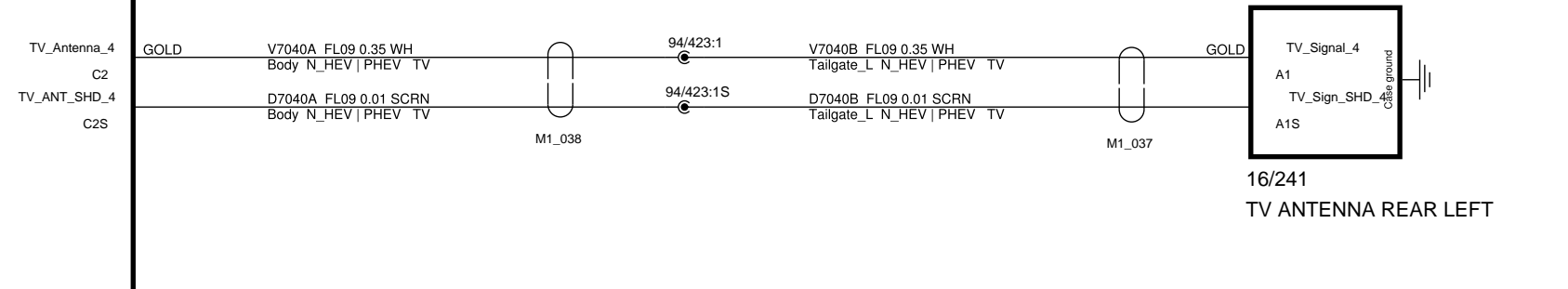
4/161.2 VEHICLE CONNECTIVITY MODULE VCM



4/248 TELEVISION MODULE TVM



16/248 TV DOUBLE ANTENNAS RIGHT

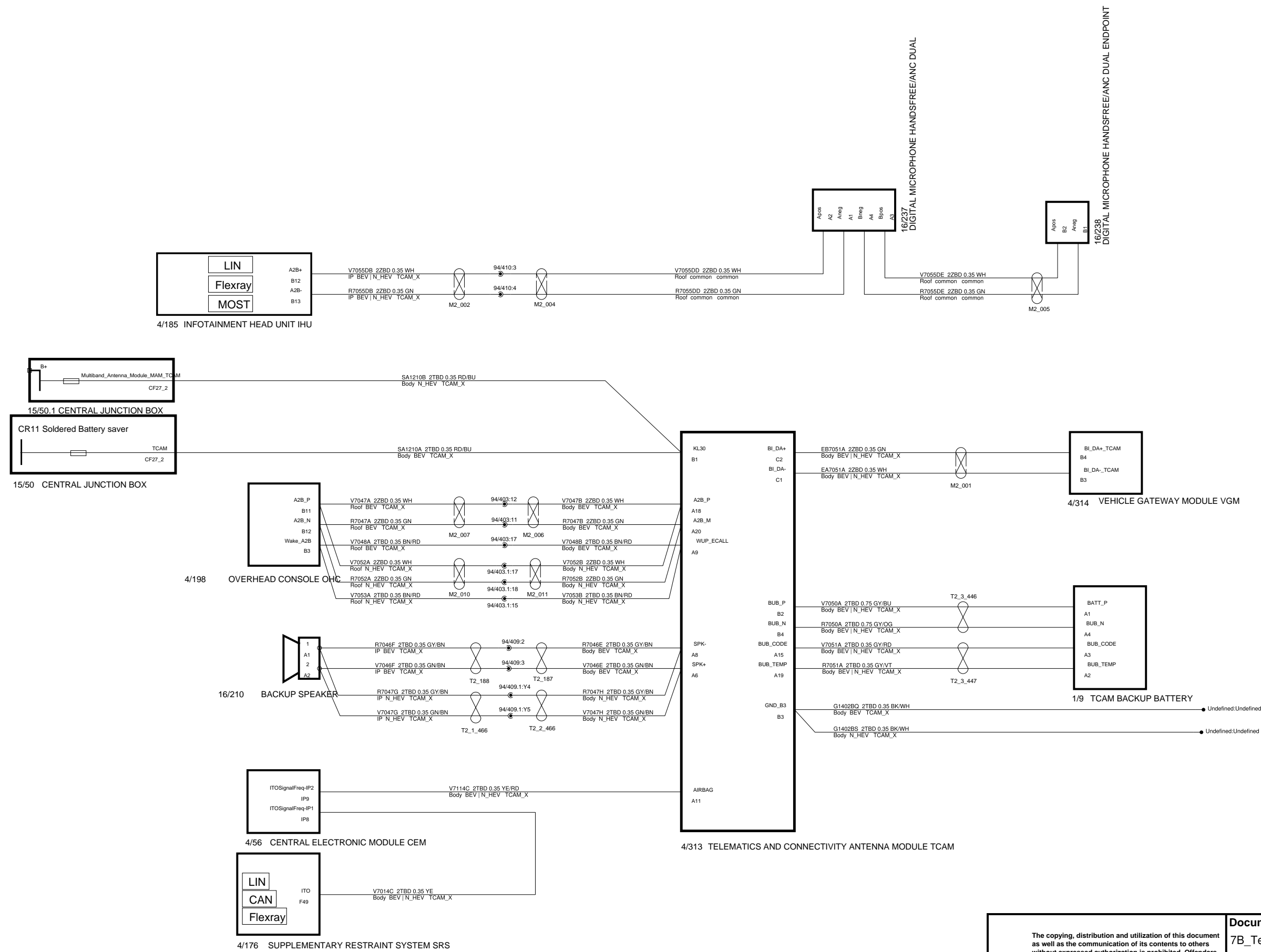


16/241 TV ANTENNA REAR LEFT

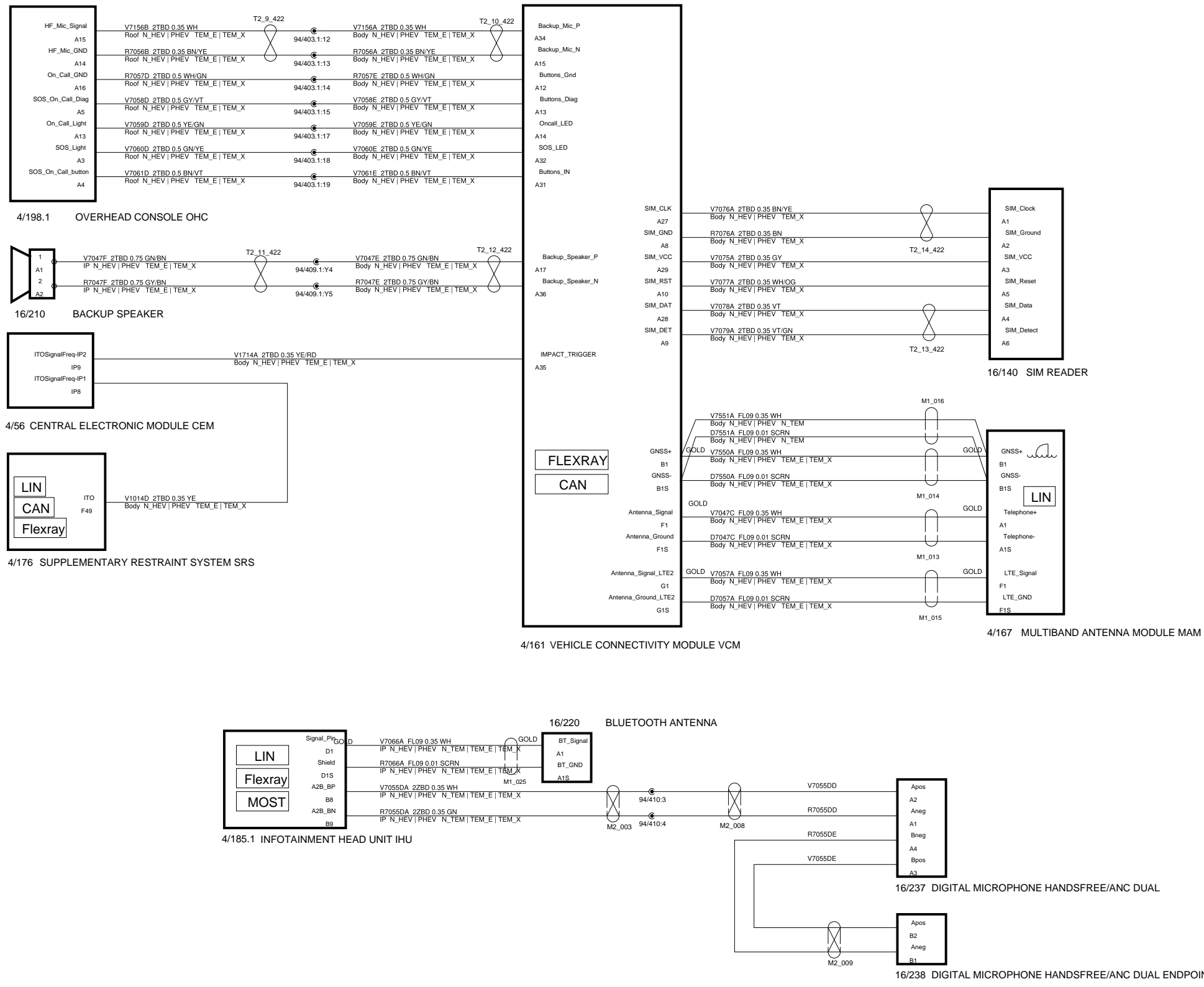


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	<p><b>Document Type</b></p> <p>DRAW/ELSY</p>	<p><b>Release Status</b></p> <p>RELEASED</p>
	<p>CEVT Document No</p> <p>8888522365</p>	<p><b>Edited</b></p> <p>June/16/2021</p>
	<p><b>Issue</b></p> <p>030</p>	<p><b>Page No</b></p> <p>122/149</p>

# 7B Telematics

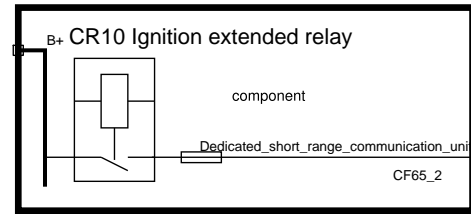


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	7B_Telematics_ICUP	
	<b>Document Type</b> DRAW/ELSY	<b>Release Status</b> RELEASED
	Volvo Document No 33445458	<b>Edited</b> February/18/2022
<b>Issue</b> 030	<b>Page No</b> 123/149	

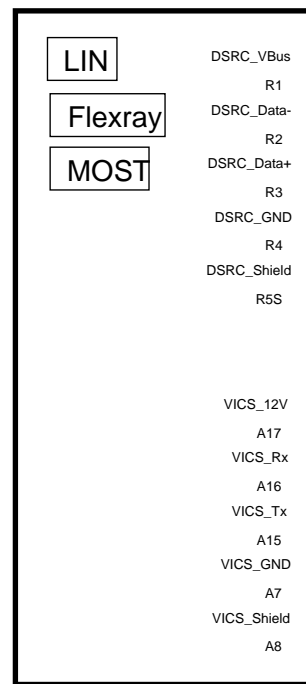
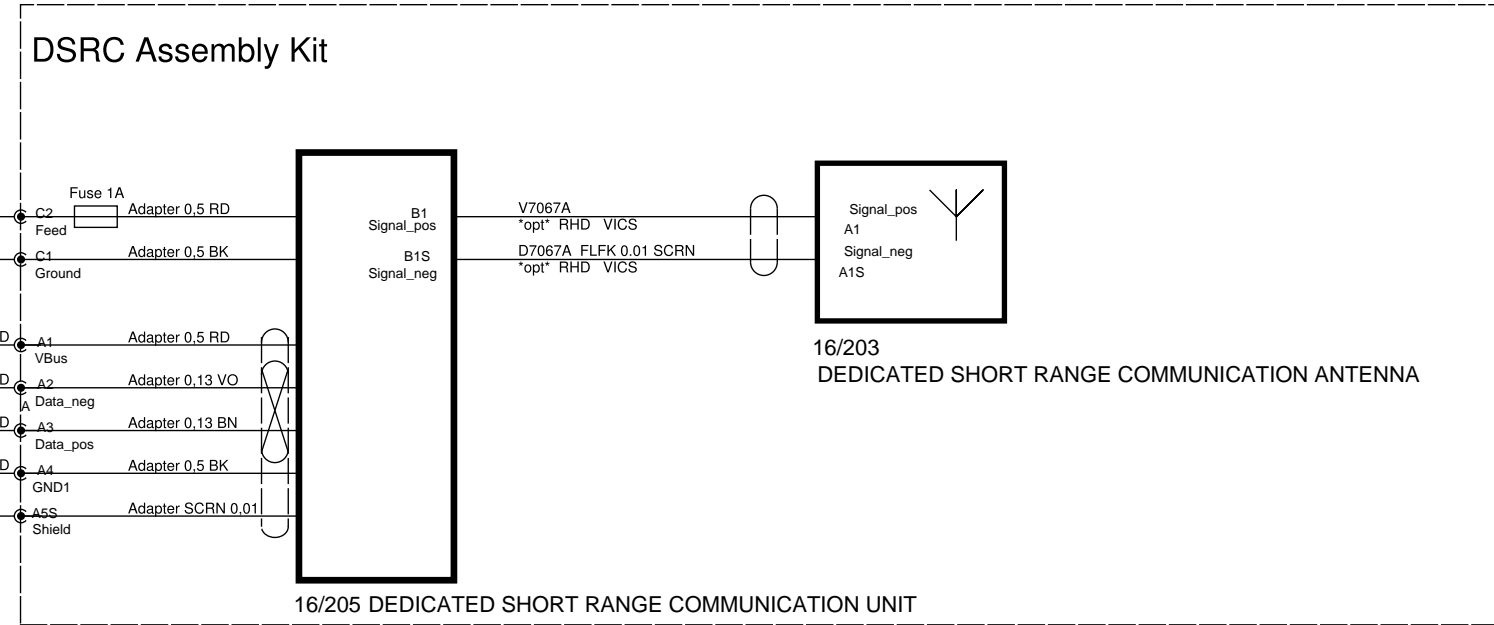


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	<b>Document Type</b> DRAW/ELSY	<b>Release Status</b> RELEASED
	CEVT Document No 8888522365	<b>Edited</b> March/09/2022
<b>Issue</b> 030	<b>Page No</b> 124/149	

# 7C DSRC IHU 3.0/\_NiCUP



15/50.1 CENTRAL JUNCTION BOX



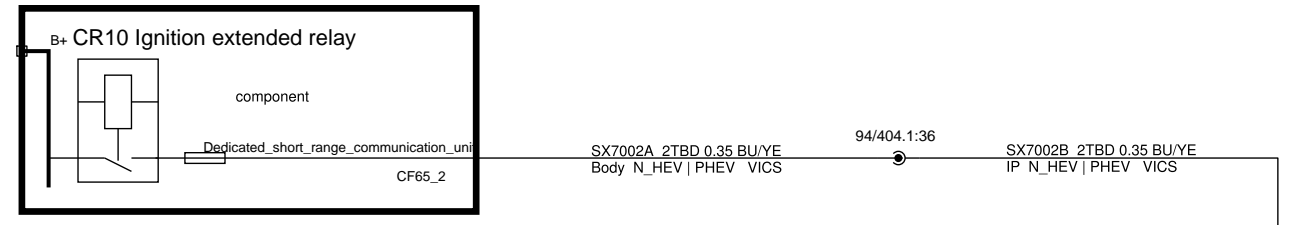
DSRC_VBus R1	GOLD	V7062A FLFK 0.09 WH IP_N_HEV PHEV (N_TEM TEM_E TEM_X) & VICS	GOLD	A1	Adapter 0.5 RD
DSRC_Data- R2	GOLD	R7063A FLFK 0.09 RD IP_N_HEV PHEV (N_TEM TEM_E TEM_X) & VICS	GOLD	A2	Adapter 0.13 VO
DSRC_Data+ R3	GOLD	V7063A FLFK 0.09 GN IP_N_HEV PHEV (N_TEM TEM_E TEM_X) & VICS	GOLD	A3	Adapter 0.13 BN
DSRC_GND R4	GOLD	R7062A FLFK 0.09 BK IP_N_HEV PHEV (N_TEM TEM_E TEM_X) & VICS	GOLD	A4	Adapter 0.5 BK
DSRC_Shield R5S		D7062A FLFK 0.01 SCRNL IP_N_HEV PHEV (N_TEM TEM_E TEM_X) & VICS		A5S	Adapter SCRNL 0.01
VICS_12V A17		V7064A F2AK 0.22 GN IP_N_HEV PHEV (N_TEM TEM_E TEM_X) & VICS		Feed_12V	Pigtail RD 0.14
VICS_Rx A16		V7065A F2AK 0.22 WH IP_N_HEV PHEV (N_TEM TEM_E TEM_X) & VICS		Signal_Tx	Pigtail BK 0.14
VICS_Tx A15		R7065A F2AK 0.22 YE IP_N_HEV PHEV (N_TEM TEM_E TEM_X) & VICS		Signal_Rx	Pigtail OG 0.14
VICS_GND A7		R7064A F2AK 0.22 BN IP_N_HEV PHEV (N_TEM TEM_E TEM_X) & VICS		Ground	Pigtail GN 0.14
VICS_Shield A8		D7064A F2AK 0.01 SCRNL IP_N_HEV PHEV (N_TEM TEM_E TEM_X) & VICS		Shield	Pigtail SCRNL 0.01

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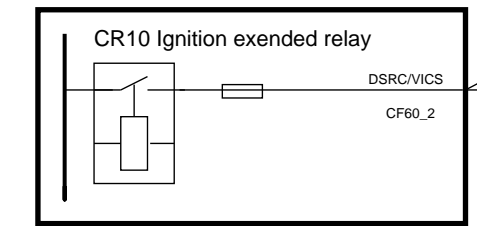
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<b>Document title</b> 7C_DSRC_N_iCUP		CMA_622A_CC_All_5_30	
<b>Document Type</b> DRAW/ELSY	<b>Release Status</b> RELEASED		
CEVT Document No 8888522365		<b>Edited</b> May/26/2022	
<b>Issue</b> 030		<b>Page No</b> 126/149	

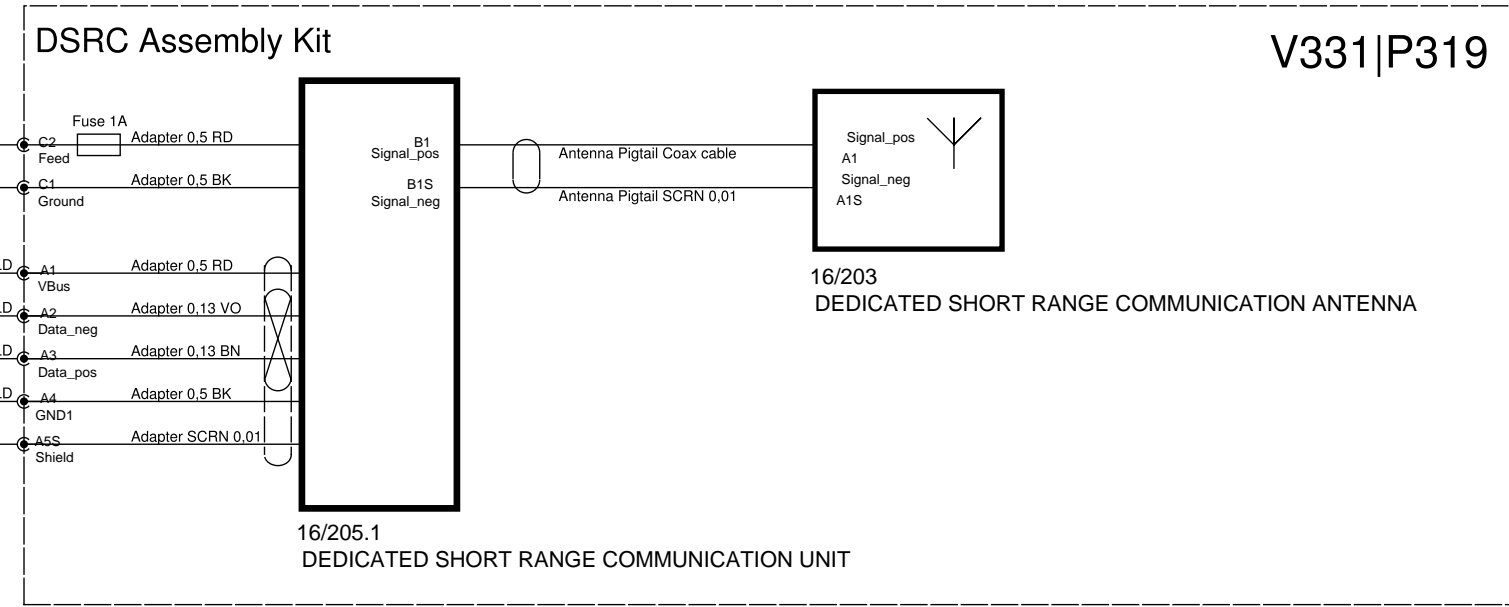
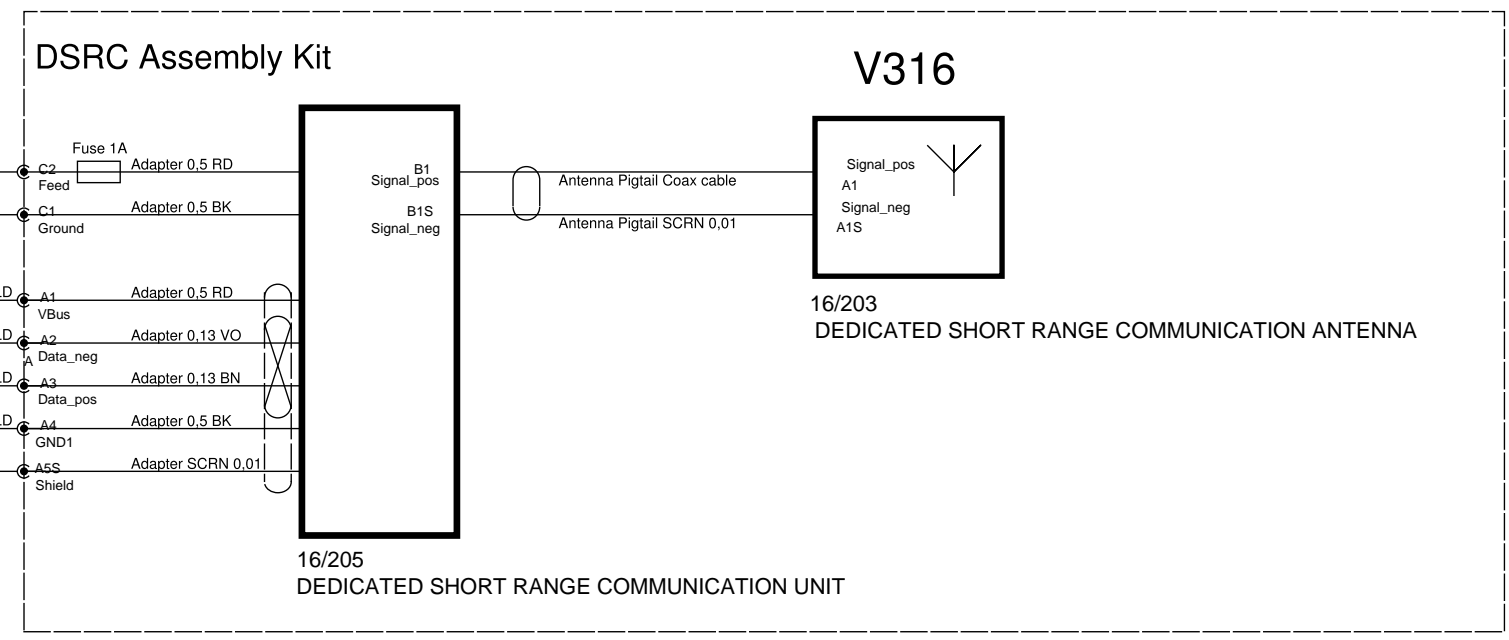
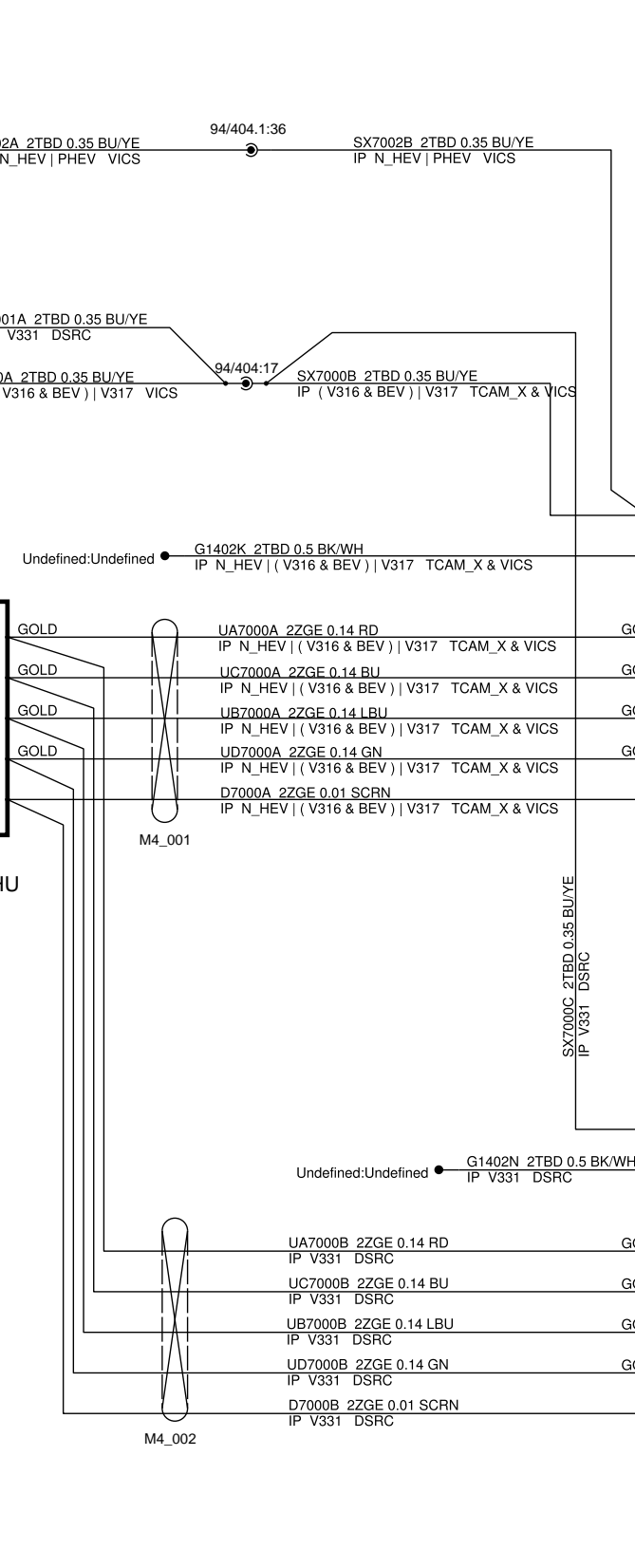
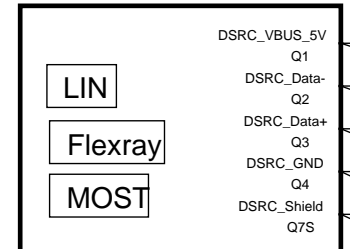
# 7C DSRC IHU 4.0/iCUP



15/50.1 CENTRAL JUNCTION BOX

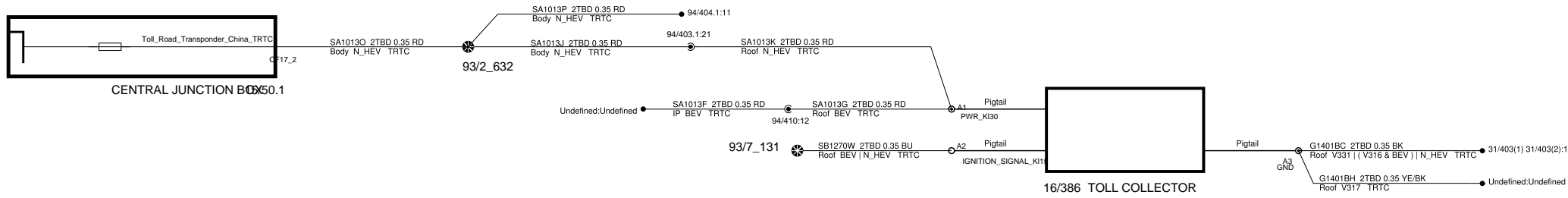


15/50 CENTRAL JUNCTION BOX



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	<p><b>Document Type</b></p> <p>DRAW/ELSY</p>	<p><b>Release Status</b></p> <p>RELEASED</p>
	<p>CEVT Document No</p> <p>8888522365</p>	<p><b>Edited</b></p> <p>June/16/2021</p>
	<p><b>Issue</b></p> <p>030</p>	<p><b>Page No</b></p> <p>125/149</p>

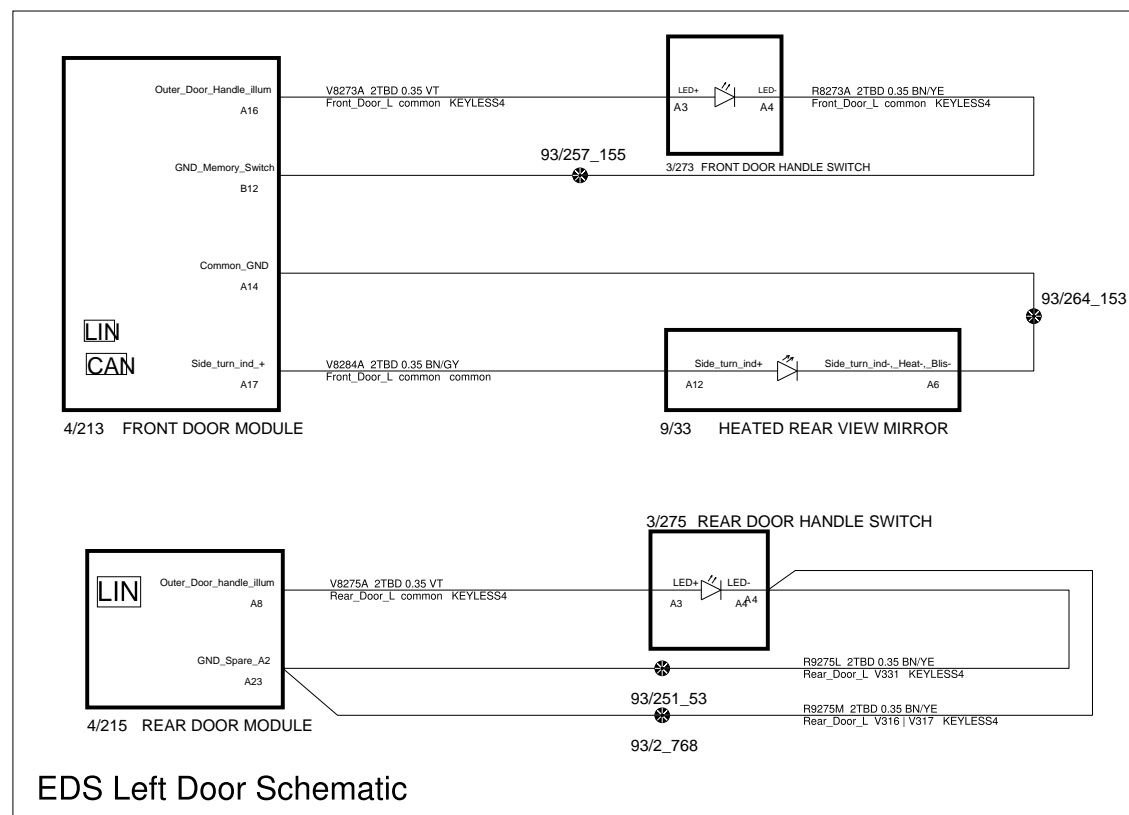
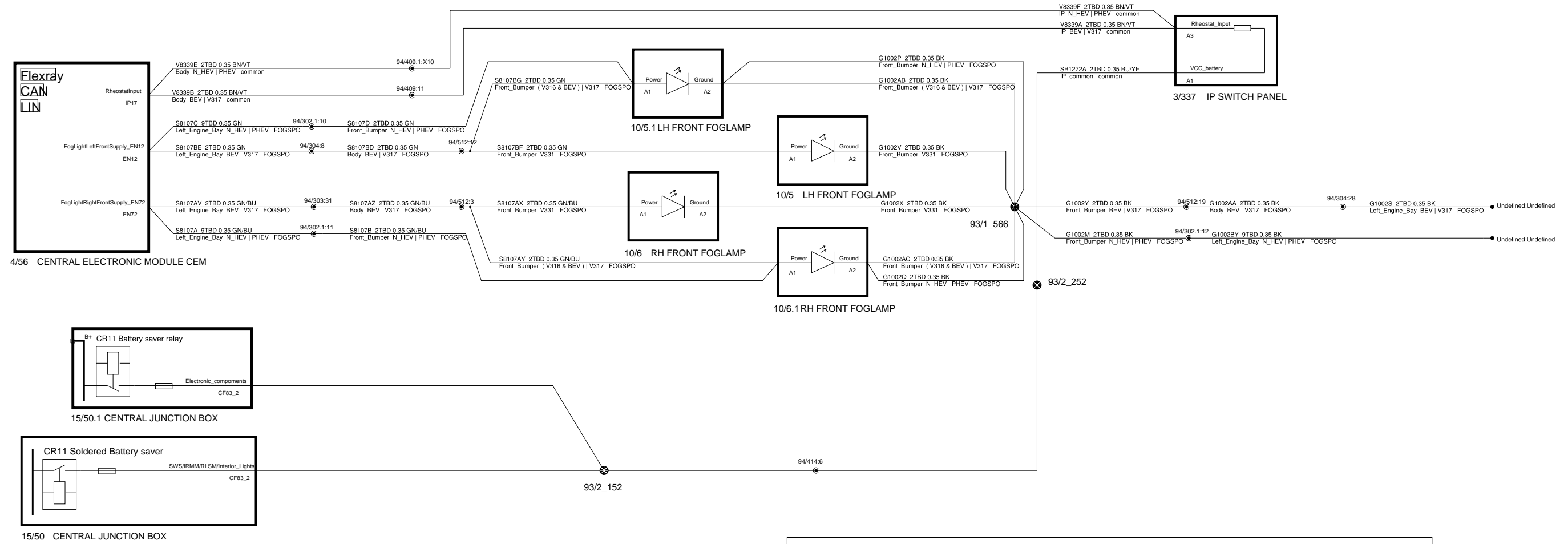
# 7F Electronic Toll Collection



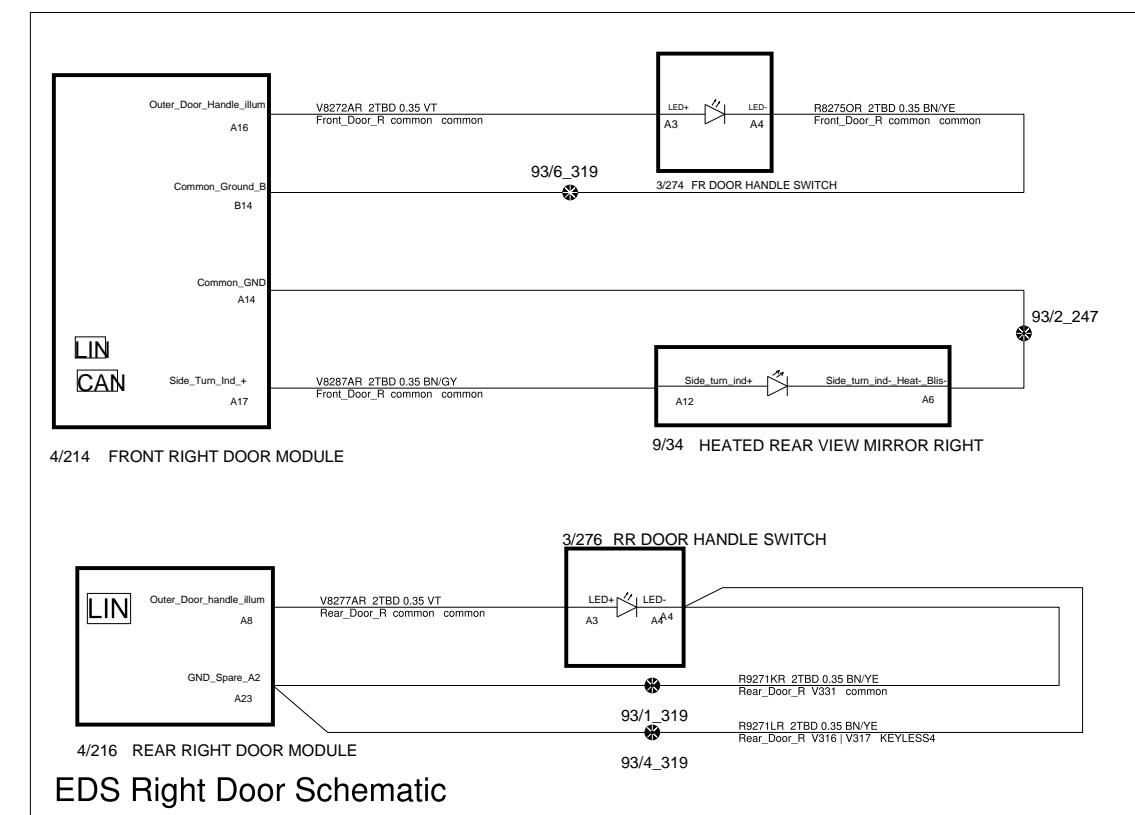
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	<b>Document Type</b> DRAW/ELSY	<b>Release Status</b> RELEASED
	CEVT Document No 8888522365	<b>Edited</b> February/18/2022
	<b>Issue</b> 030	<b>Page No</b> 127/149



# 8A Exterior Light Front



EDS Left Door Schematic



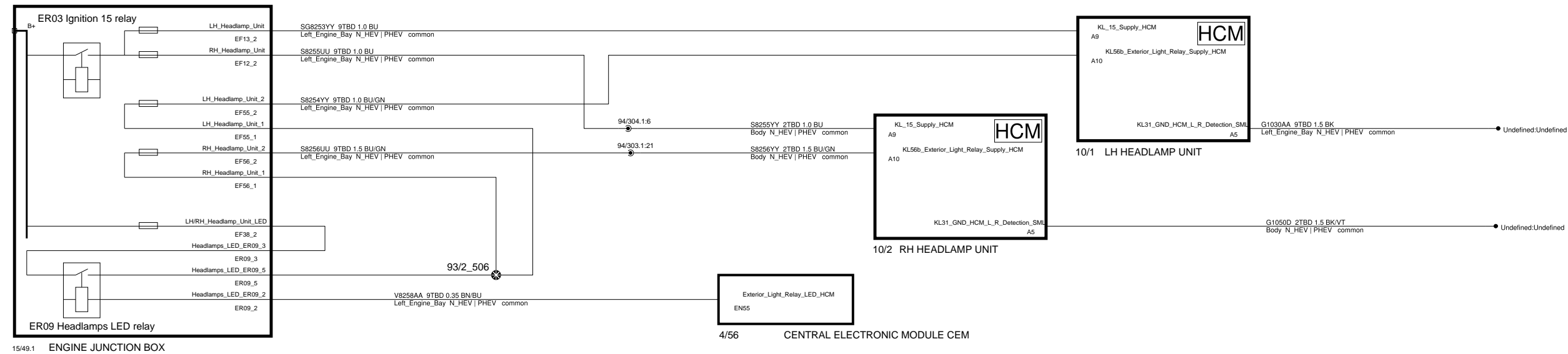
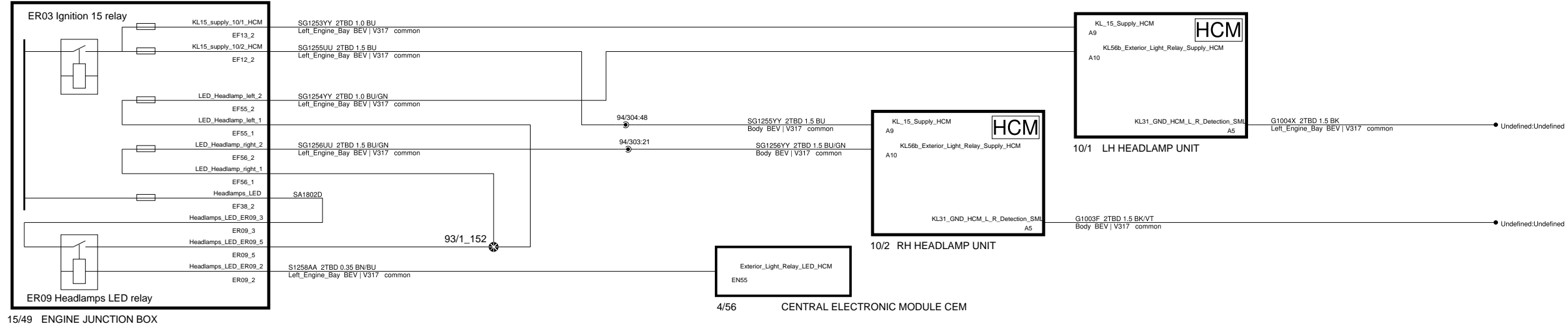
EDS Right Door Schematic

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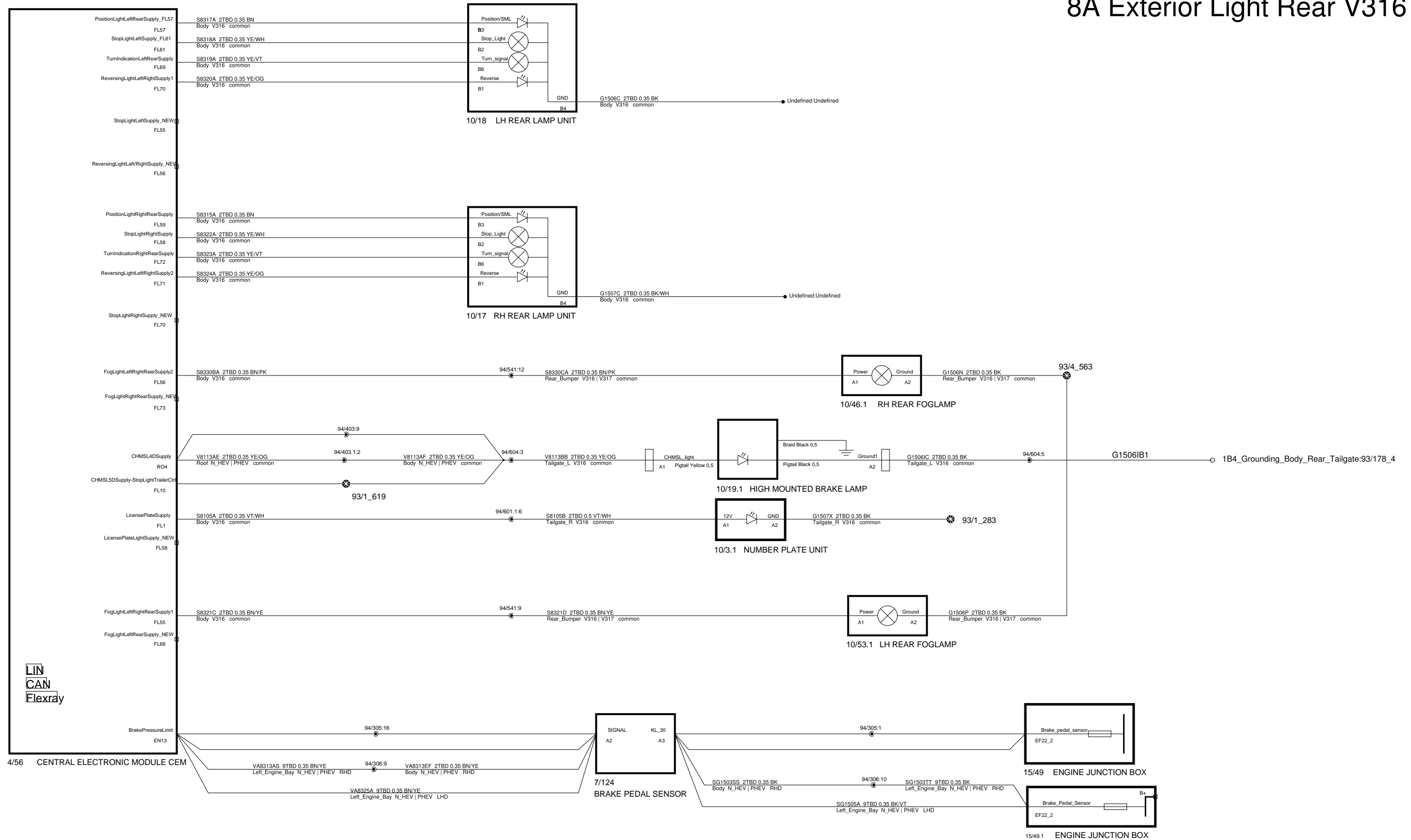
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<b>Document Type</b> DRAW/ELSY	<b>Release Status</b> RELEASED		
Volvo Document No 33445458		<b>Edited</b> February/28/2022	
<b>Issue</b> 030	<b>Page No</b> 128/149		

# 8A Exterior Light LED Front



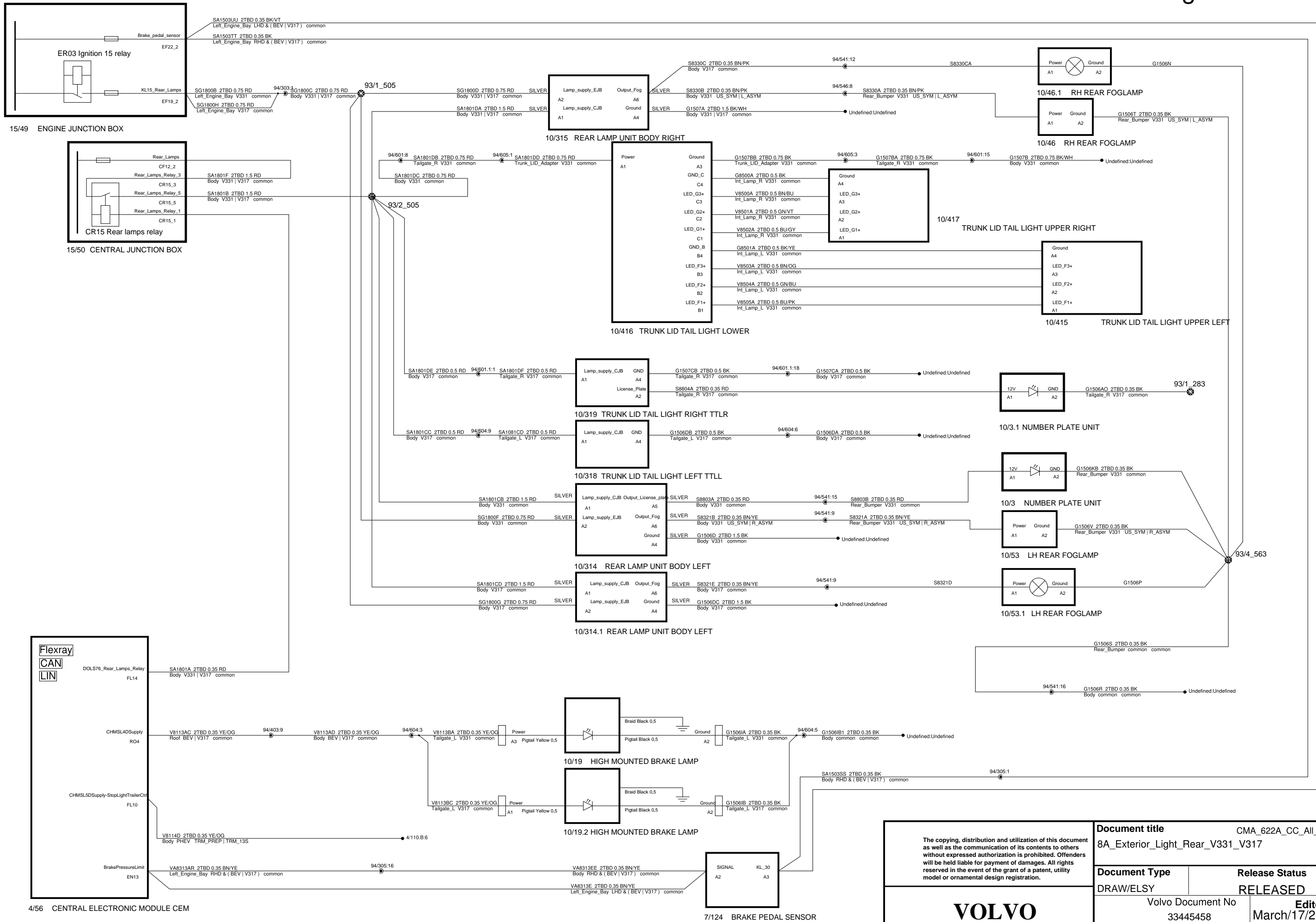
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	<b>Document Type</b> DRAW/ELSY	<b>Release Status</b> RELEASED
	Volvo Document No 33445458	<b>Edited</b> May/26/2022
	<b>Issue</b> 030	<b>Page No</b> 129/149

# 8A Exterior Light Rear V316

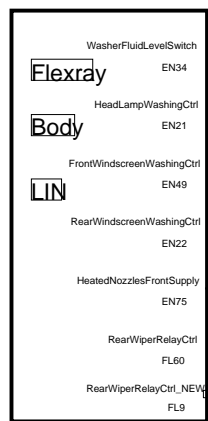


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		<b>Document Type</b> DRAW/ELSY	<b>Release Status</b> RELEASED
		CEVT Document No 8888522365	<b>Edited</b> March/17/2022
		<b>Issue</b> 030	<b>Page No</b> 130/149

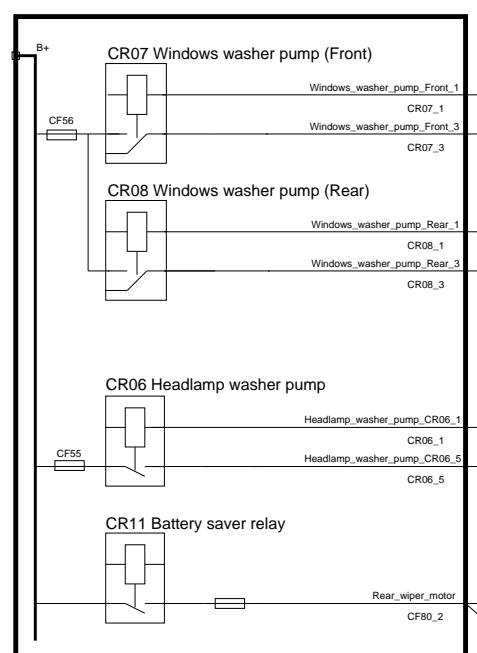
# 8A Exterior Light Rear V331



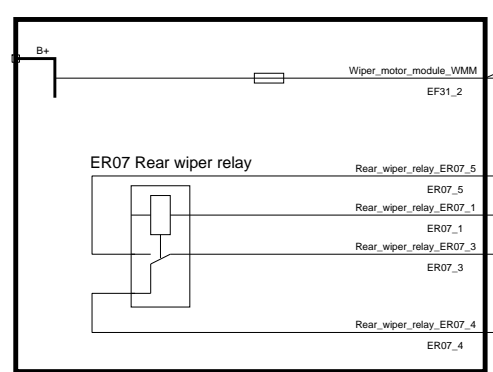
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		<p><b>Document Type</b> DRAW/ELSY</p>	<p><b>Release Status</b> RELEASED</p>
<p>Volvo Document No 33445458</p>		<p><b>Edited</b> March/17/2022</p>	
<p><b>Issue</b> 030</p>		<p><b>Page No</b> 131/149</p>	



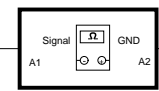
4/56 CENTRAL ELECTRONIC MODULE CEM



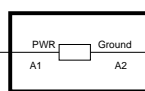
15/50.1 CENTRAL JUNCTION BOX



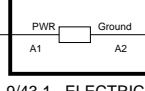
15/49.1 ENGINE JUNCTION BOX



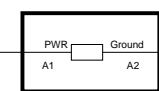
7/5 WASHER FLUID LEVEL SENSOR



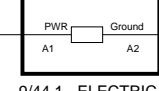
9/43 ELECTRIC HEATED WASHER NOZZLE WINDSCREEN LH SIDE



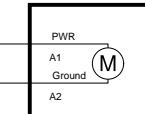
9/43.1 ELECTRIC HEATED WASHER NOZZLE WINDSCREEN LH SIDE



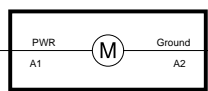
9/44 ELECTRIC HEATED WASHER NOZZLE WINDSCREEN RH SIDE



9/44.1 ELECTRIC HEATED WASHER NOZZLE WINDSCREEN RH SIDE



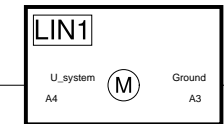
6/127 FRONT/REAR WINDOW WASHER PUMP



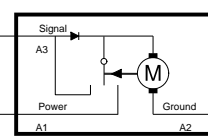
6/104 HIGH PRESSURE WASHER PUMP HEAD LAMPS



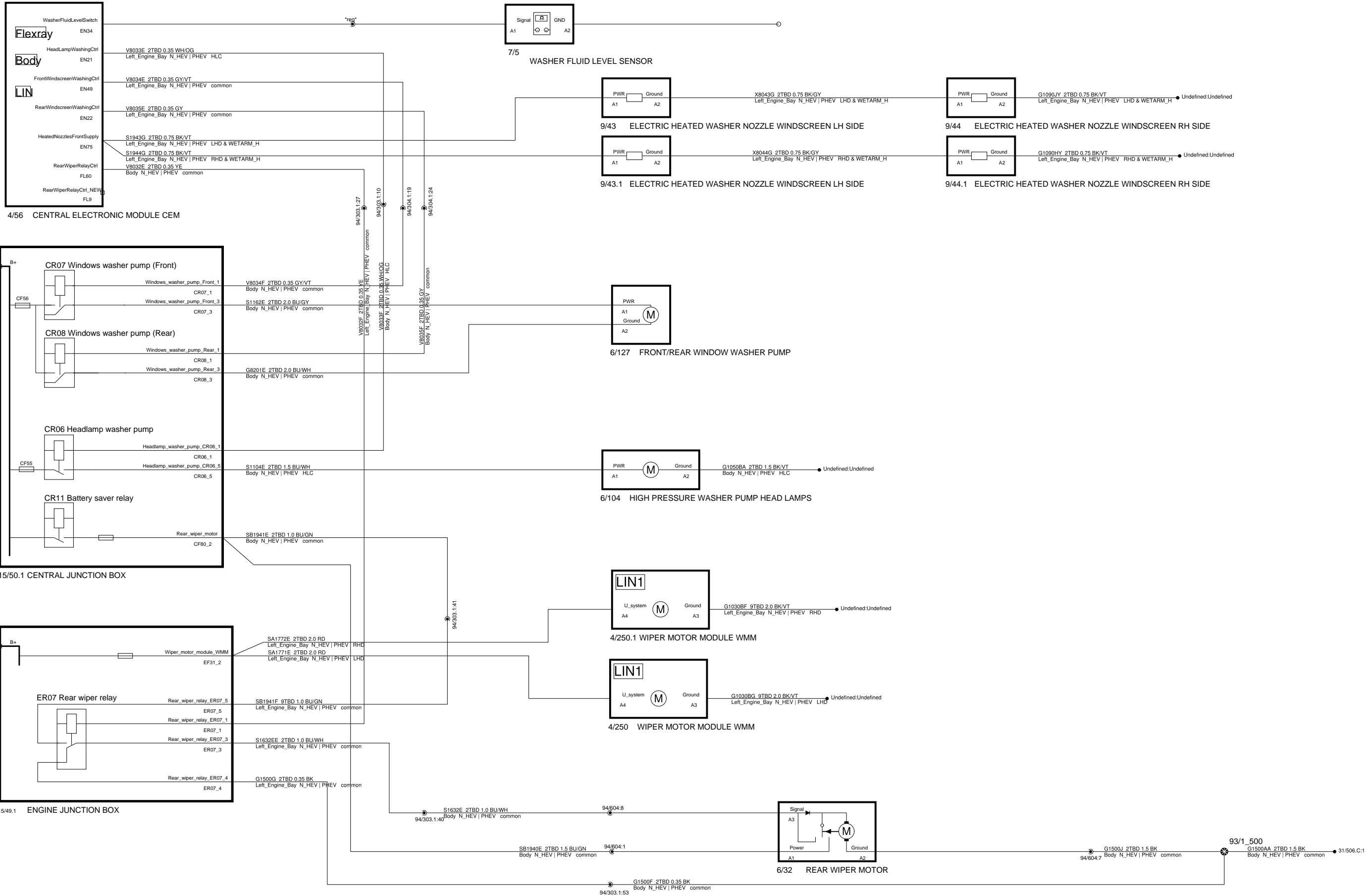
4/250.1 WIPER MOTOR MODULE WMM



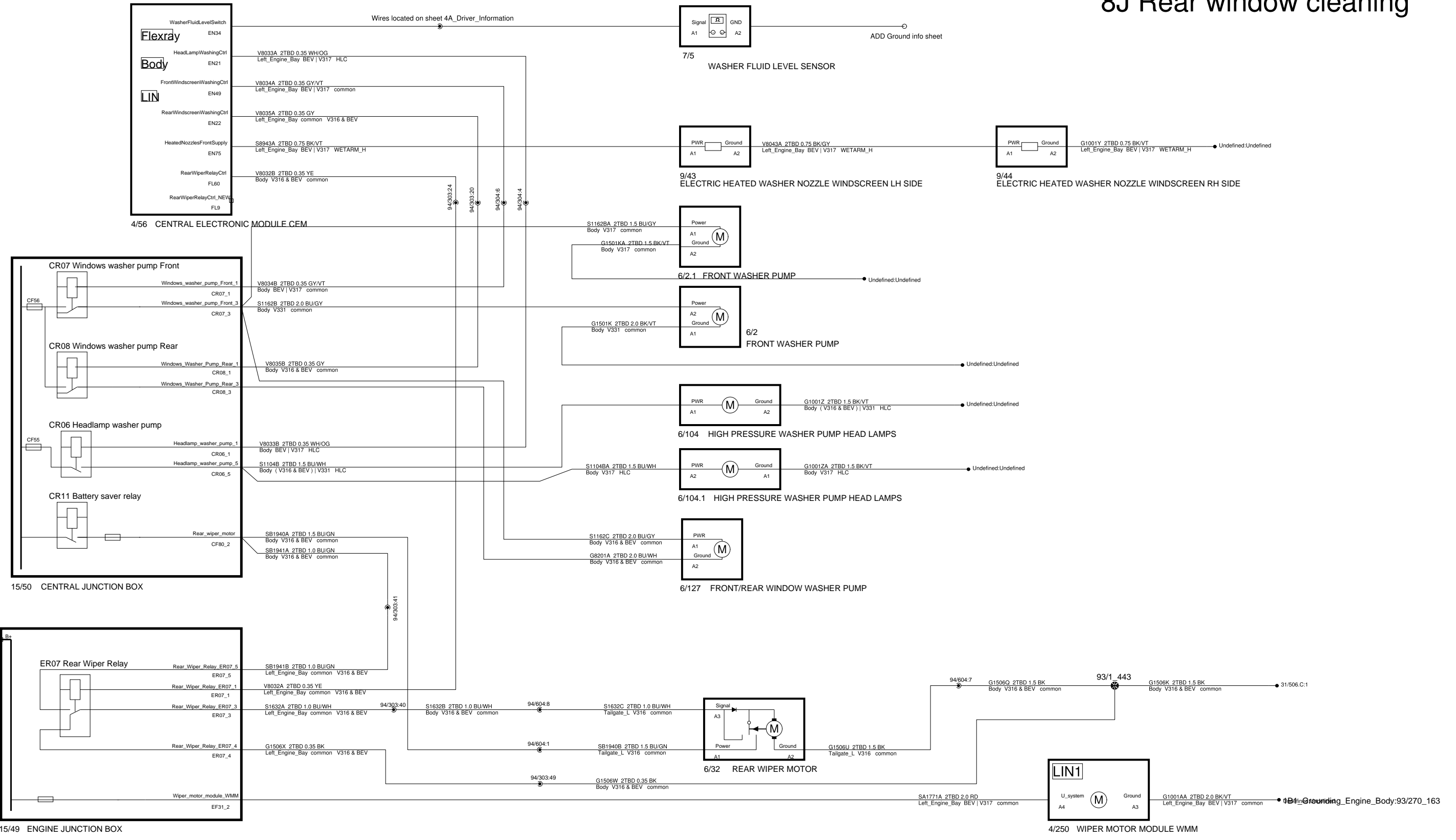
4/250 WIPER MOTOR MODULE WMM



6/32 REAR WIPER MOTOR

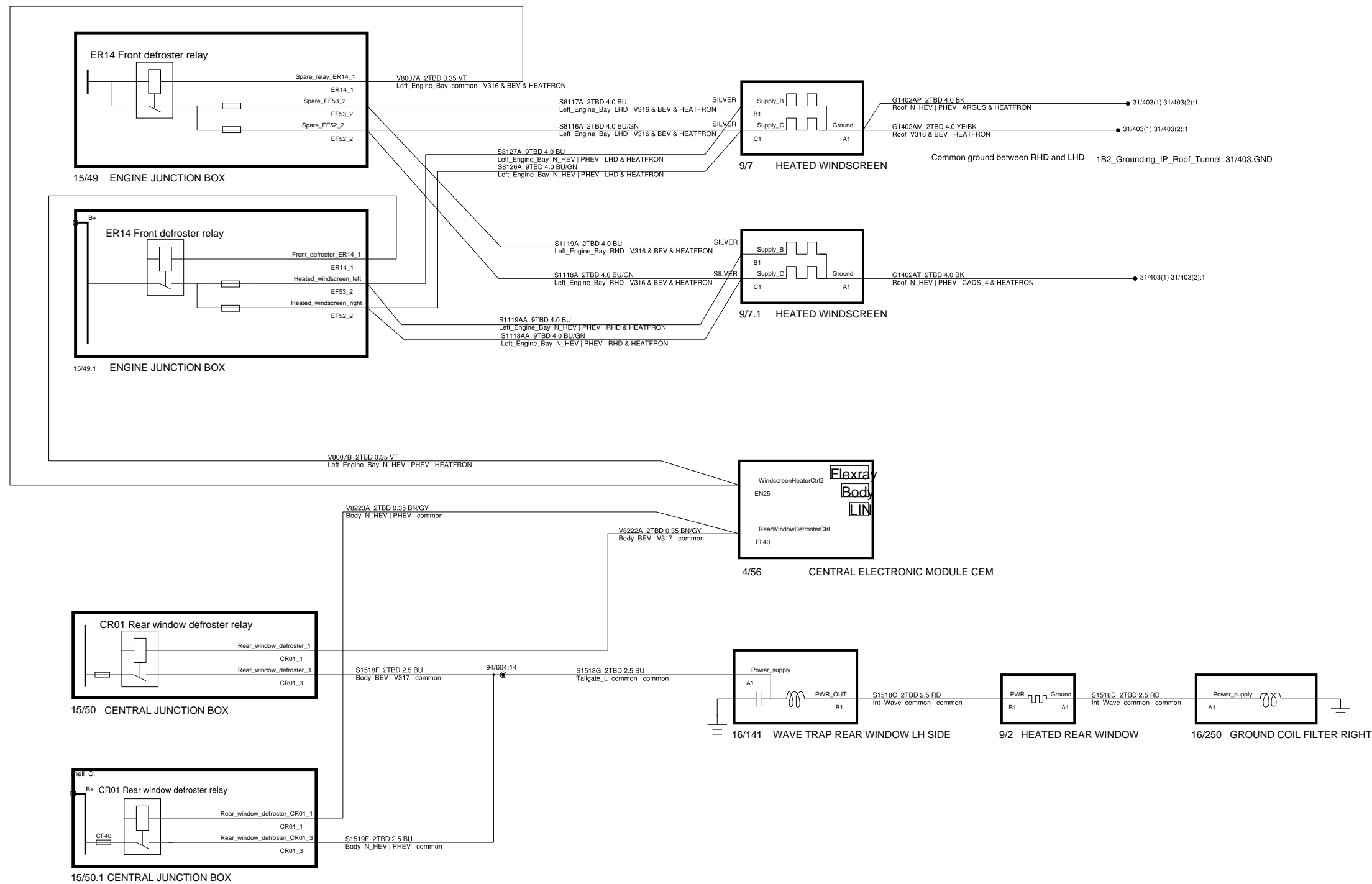


# 8K Lamp cleaning control 8H Windscreen cleaning control 8J Rear window cleaning



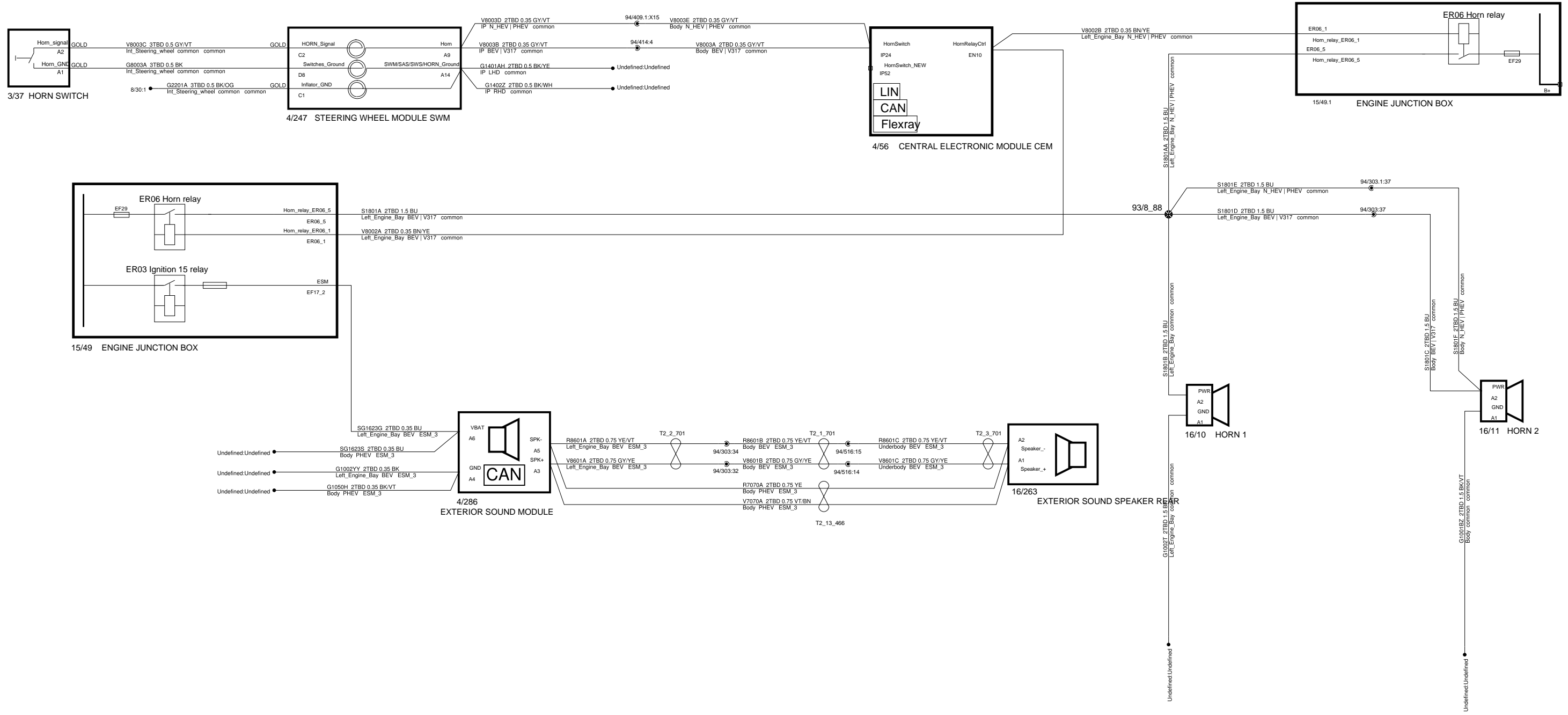
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		<p><b>Document Type</b> DRAW/ELSY</p>	<p><b>Release Status</b> RELEASED</p>
<p><b>VOLVO</b> VOLVO CAR CORPORATION</p>		<p>Volvo Document No 33445458</p>	<p><b>Edited</b> May/26/2022</p>
		<p><b>Issue</b> 030</p>	<p><b>Page No</b> 132/149</p>

# 8N Windscreen defroster control 8L Rear window defroster control



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	<b>Document Type</b> DRAW/ELSY	<b>Release Status</b> RELEASED
	Volvo Document No 33445458	<b>Edited</b> May/29/2022
	<b>Issue</b> 030	<b>Page No</b> 134/149

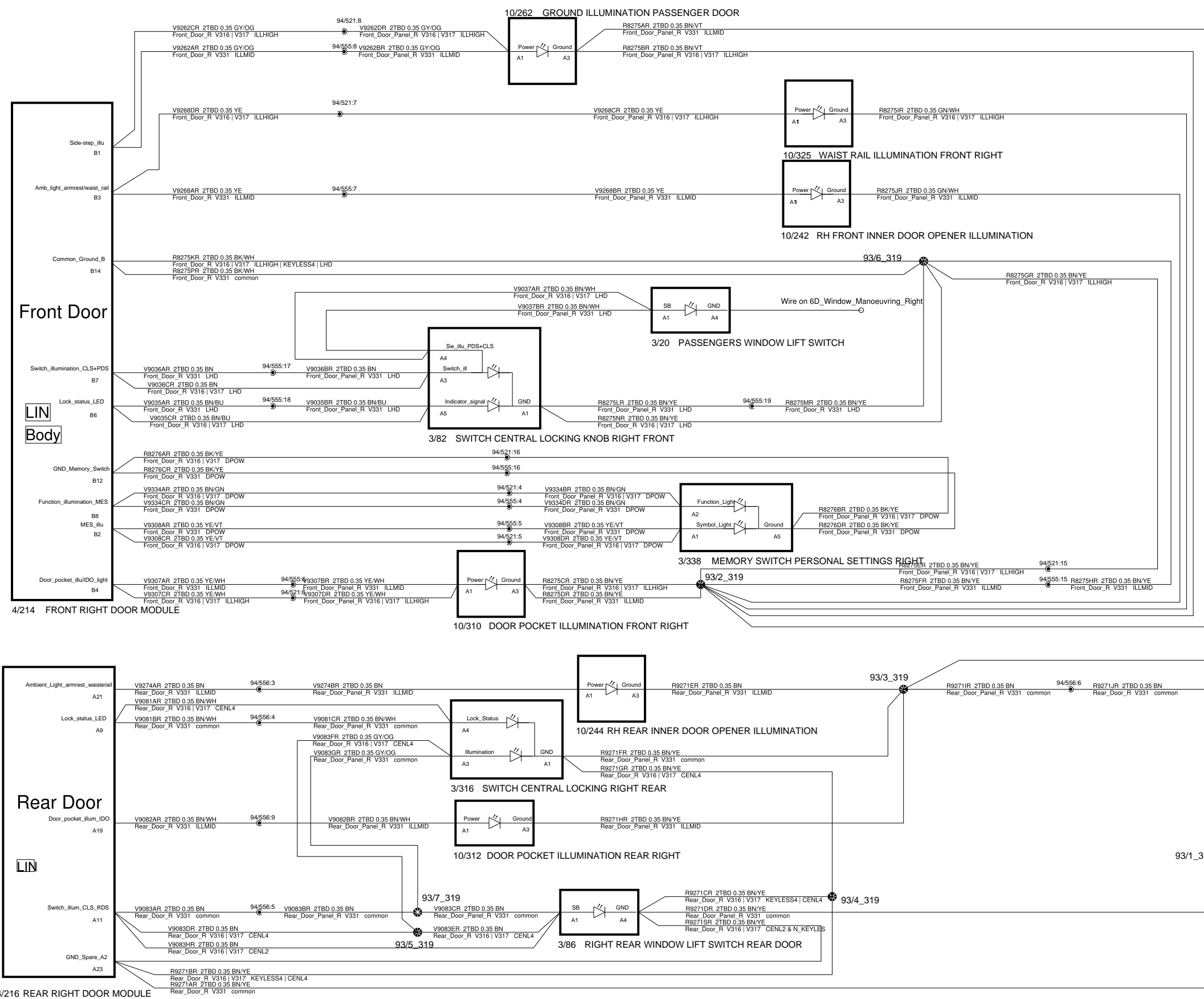
# 8P Sound Signaling



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	<b>Document Type</b> DRAW/ELSY	<b>Release Status</b> RELEASED
	Volvo Document No 33445458	Edited May/29/2022
	<b>Issue</b> 030	Page No 135/149

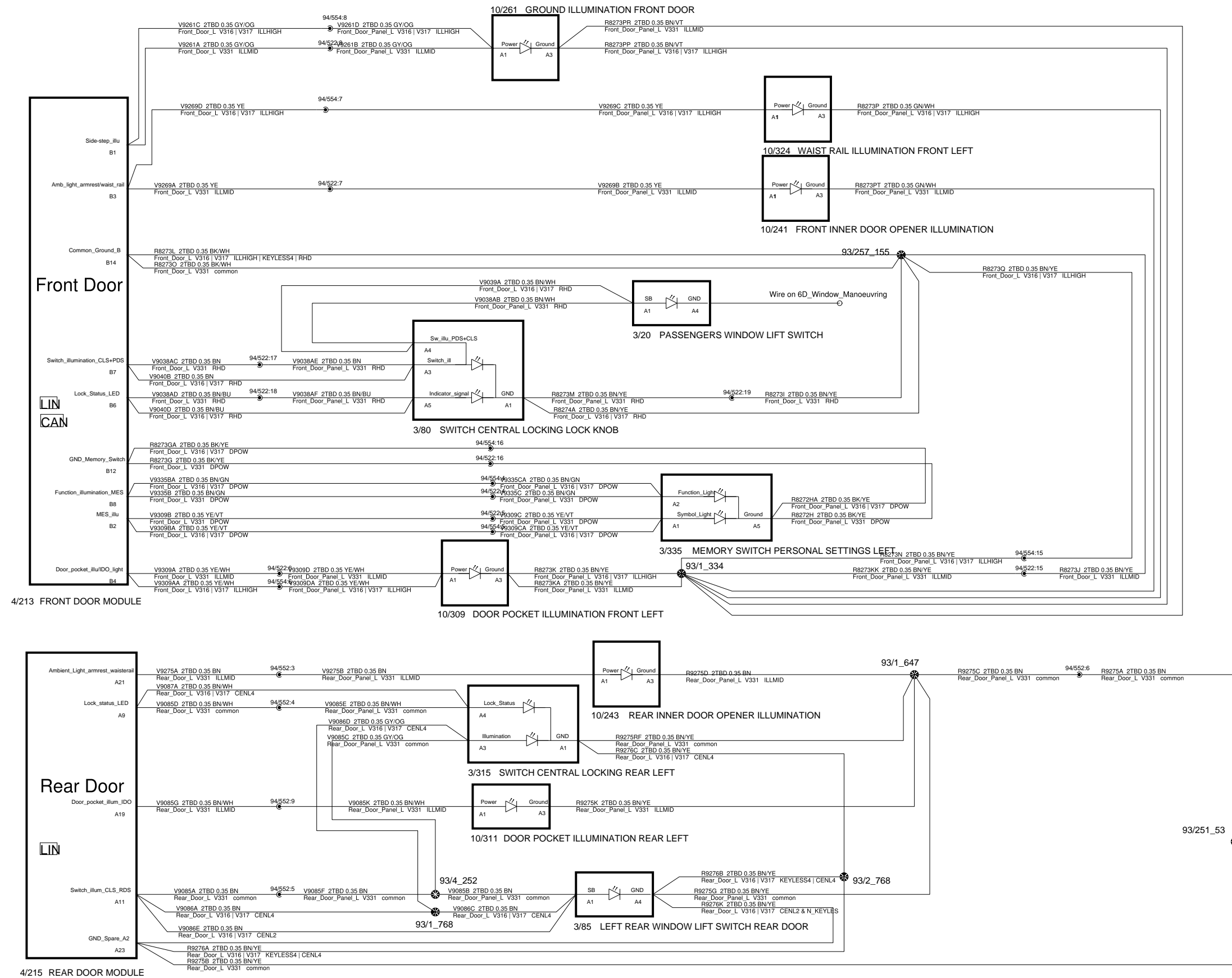


# 9A Interior Lights Doors Right



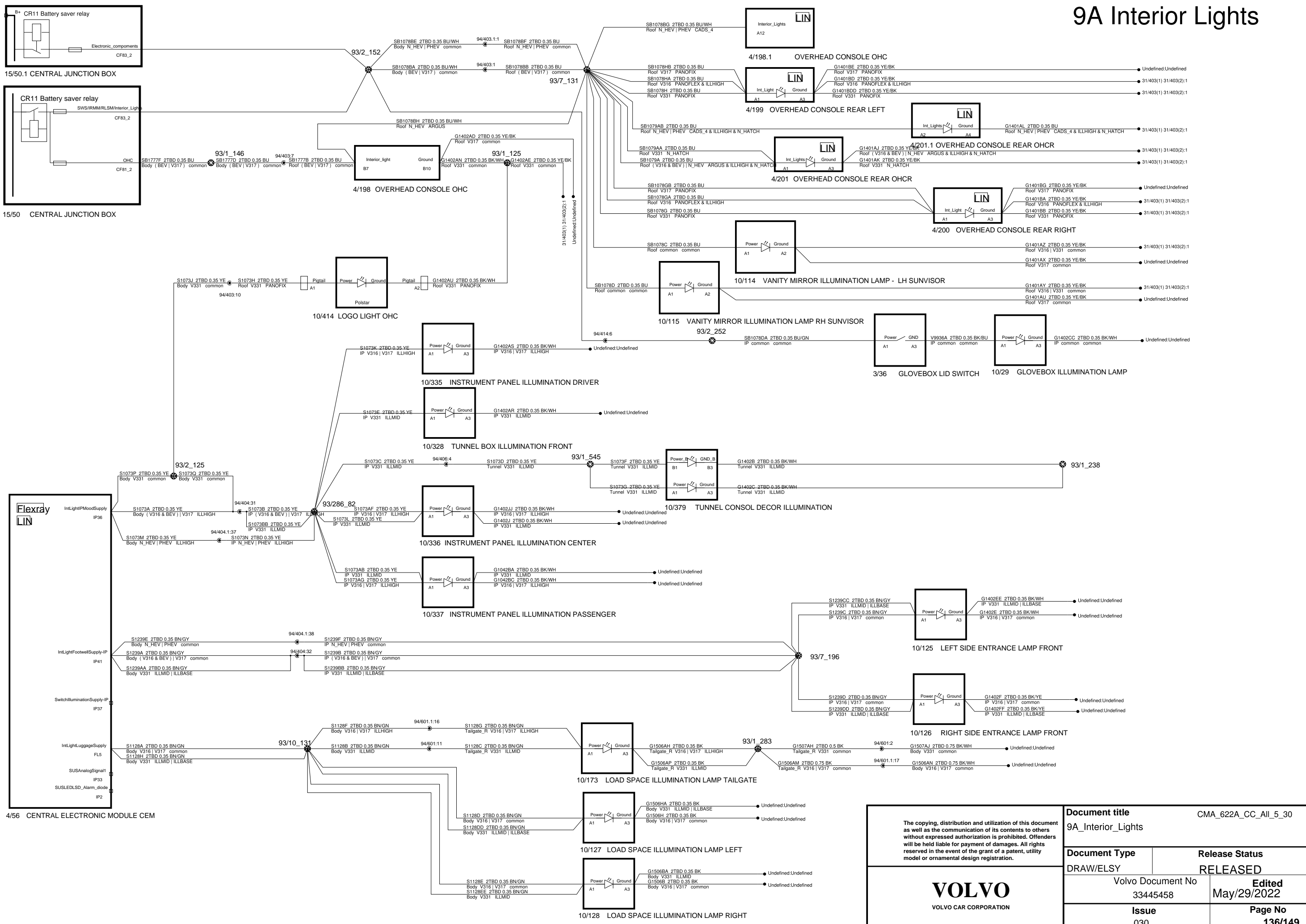
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		<p><b>Document Type</b> DRAW/ELSY</p>	<p><b>Release Status</b> RELEASED</p>
<p>CEVT Document No 8888522365</p>		<p><b>Edited</b> February/28/2022</p>	
<p><b>Issue</b> 030</p>		<p><b>Page No</b> 138/149</p>	

# 9A Interior Lights Doors



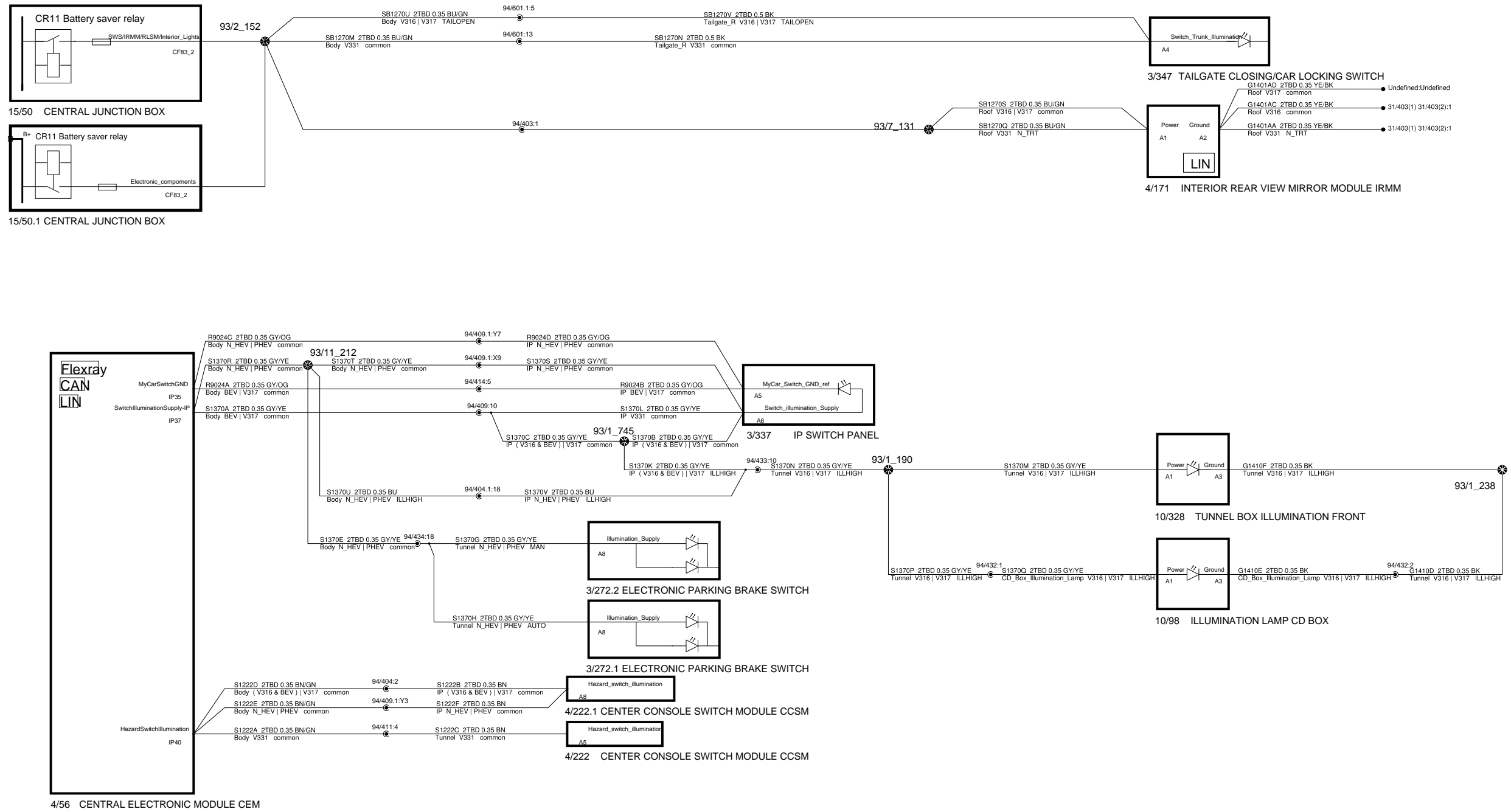
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	9A_Interior_Lights_Doors	
	<b>Document Type</b> DRAW/ELSY	<b>Release Status</b> RELEASED
	Volvo Document No 33445458	<b>Edited</b> February/28/2022
<b>Issue</b> 030	<b>Page No</b> 137/149	

# 9A Interior Lights



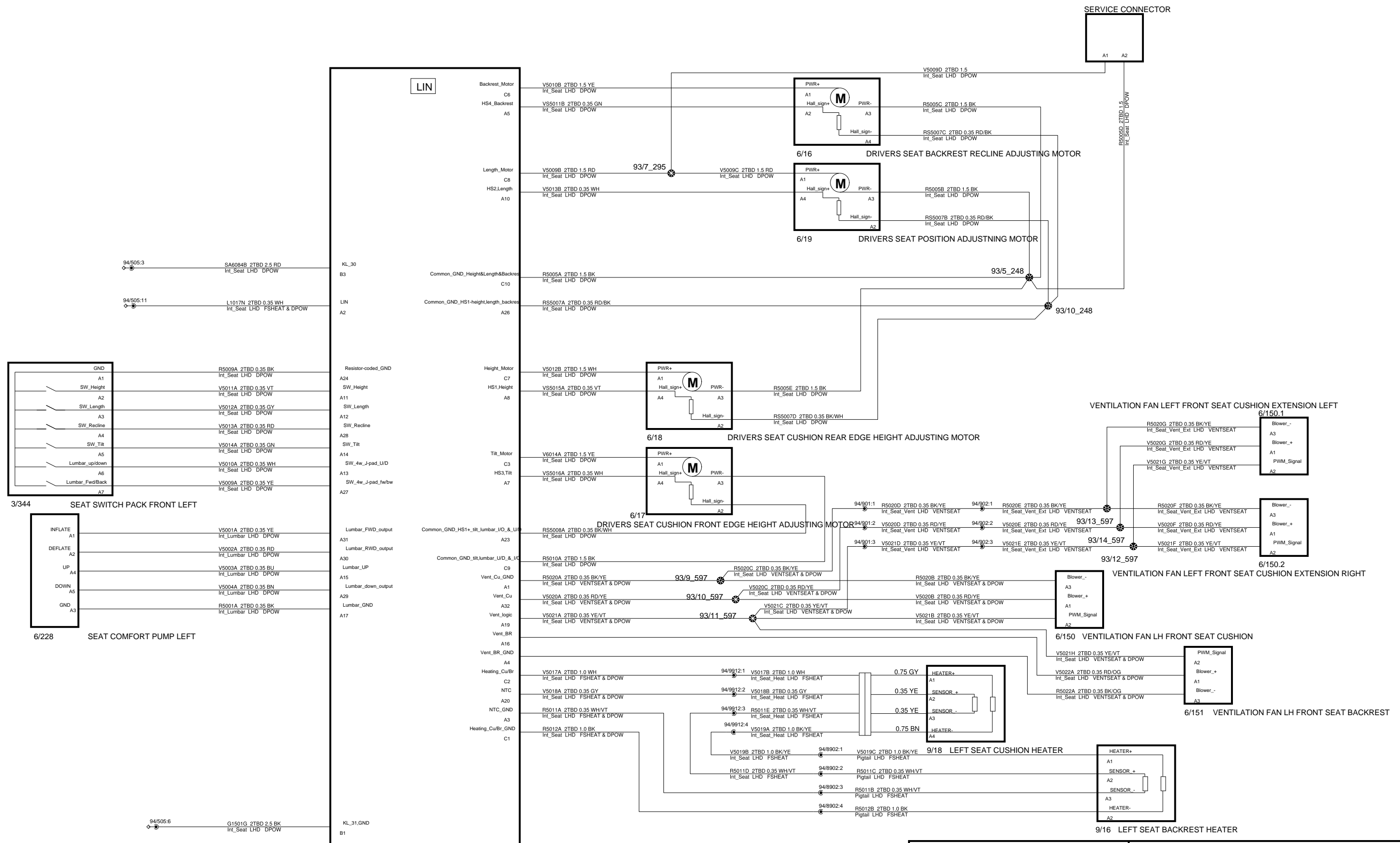
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		<b>Document Type</b> DRAW/ELSY	<b>Release Status</b> RELEASED
		<b>Volvo Document No</b> 33445458	<b>Edited</b> May/29/2022
		<b>Issue</b> 030	<b>Page No</b> 136/149

# 9H Instr/Control Switch Lighting



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	<b>Document Type</b> DRAW/ELSY	<b>Release Status</b> RELEASED
	Volvo Document No 33445458	<b>Edited</b> February/18/2022
	<b>Issue</b> 030	<b>Page No</b> 139/149

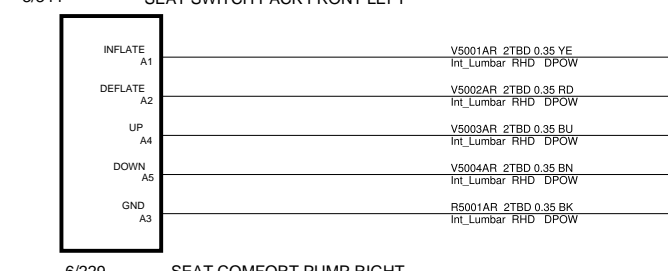
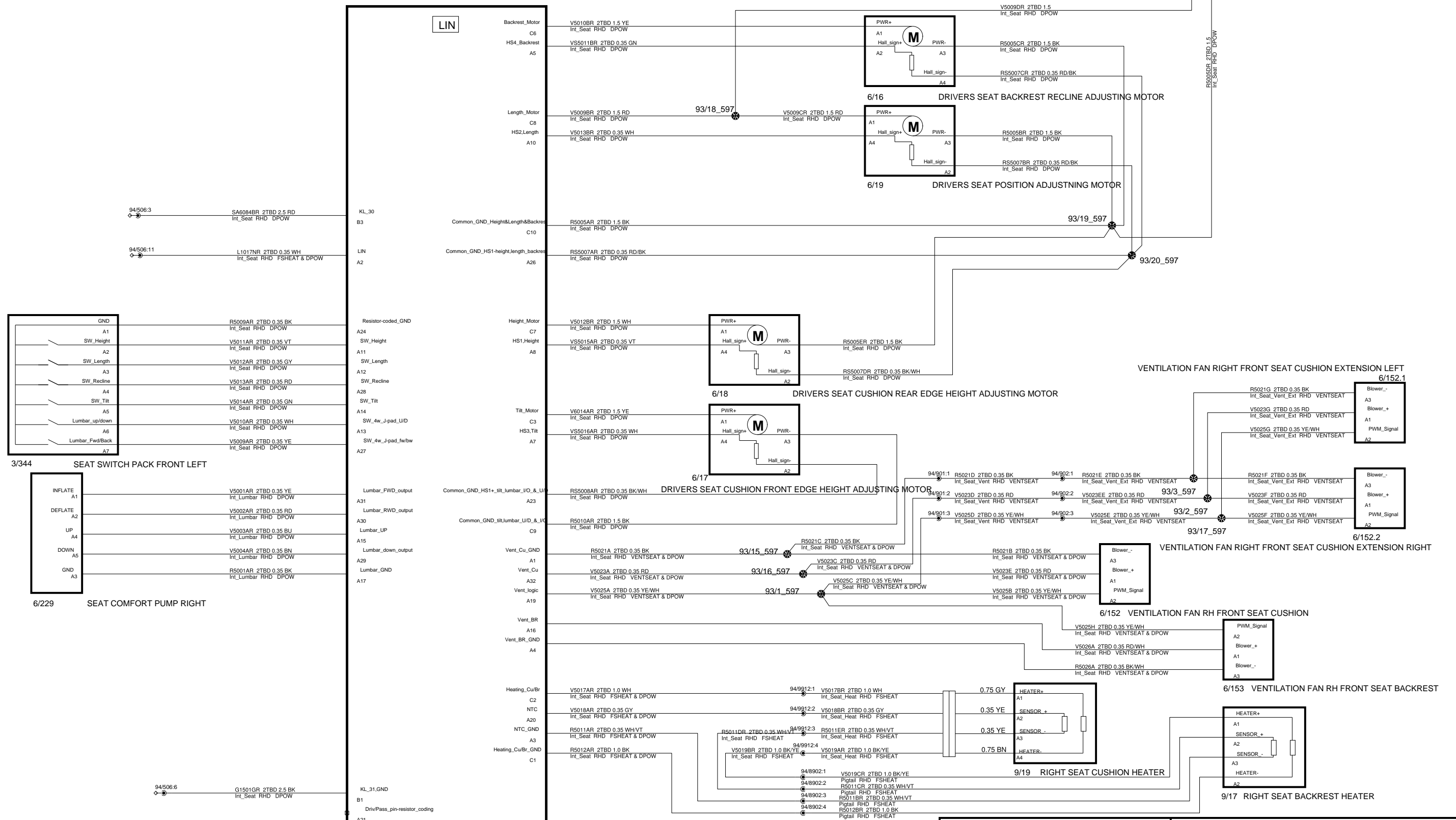
# 10A Driver Seat Internal Harness High LHD



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		<p><b>Document Type</b> DRAW/ELSY</p>	<p><b>Release Status</b> RELEASED</p>
		<p>Volvo Document No 33445458</p>	<p><b>Edited</b> March/04/2022</p>
		<p><b>Issue</b> 030</p>	<p><b>Page No</b> 140/149</p>

# 10A Driver Seat Internal Harness High RHD

SERVICE CONNECTOR

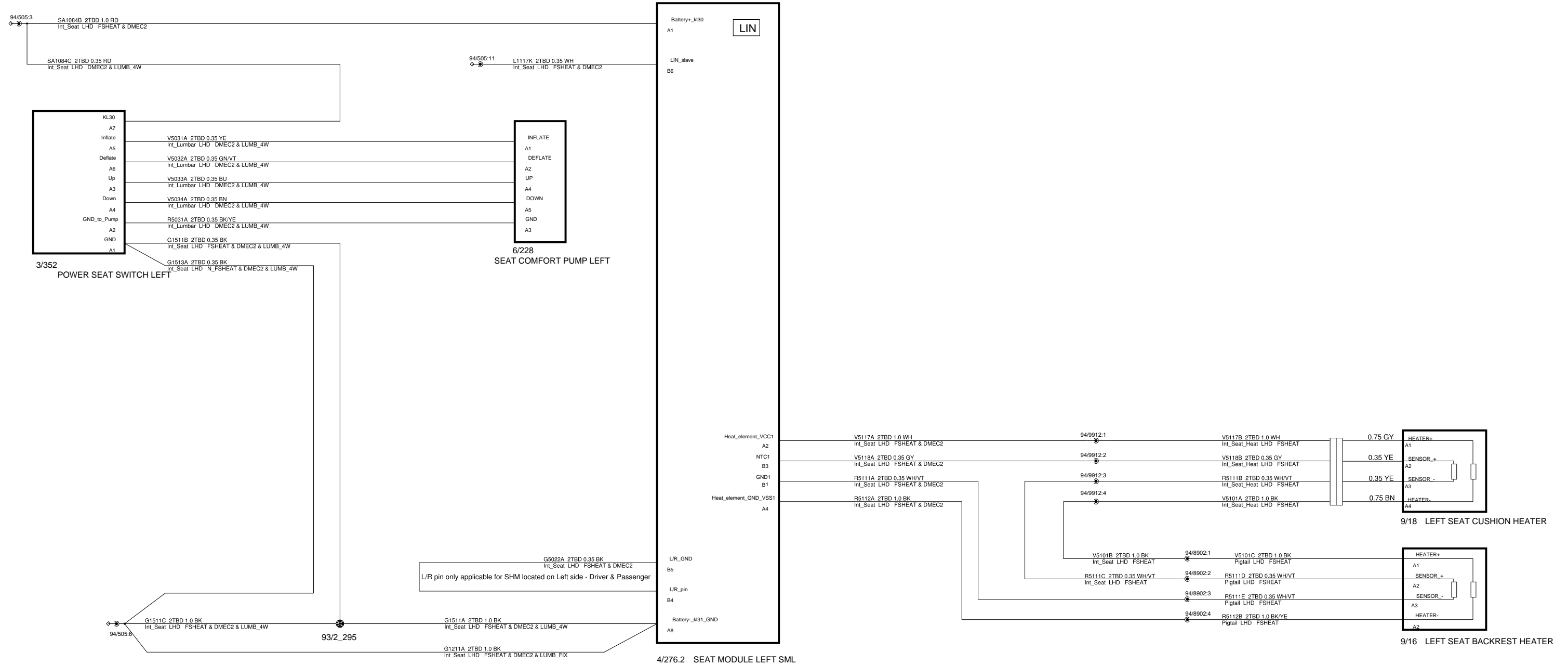


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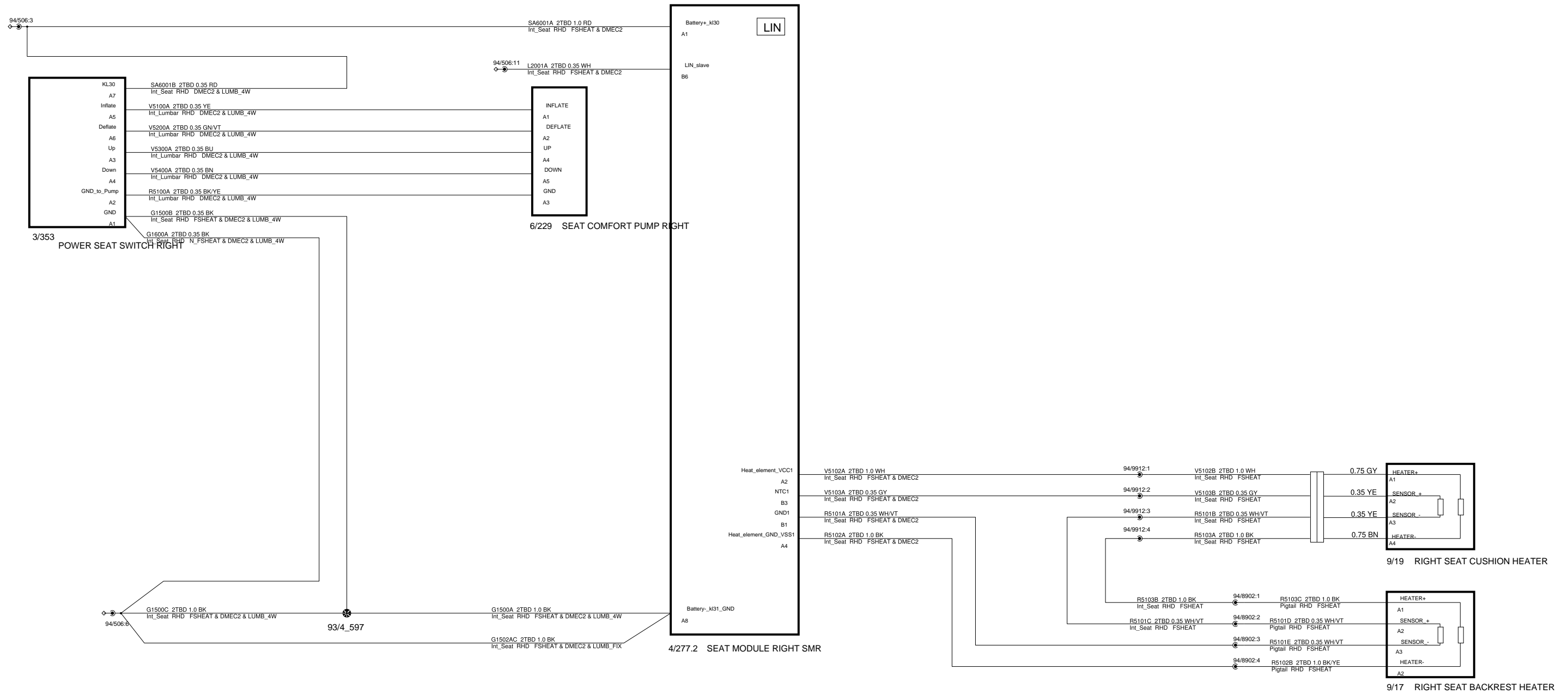
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10A_Driver_Seat_Internal_Harness_High_RHD			
<b>Document Type</b>	<b>Release Status</b>		
DRAW/ELSY	RELEASED		
Volvo Document No		<b>Edited</b>	
33445458		March/10/2022	
<b>Issue</b>		<b>Page No</b>	
030		141/149	

# 10A Driver Seat Internal Harness Mech LHD



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	Volvo Document No 33445458	<b>Edited</b> March/04/2022
	<b>Issue</b> 030	<b>Page No</b> 142/149

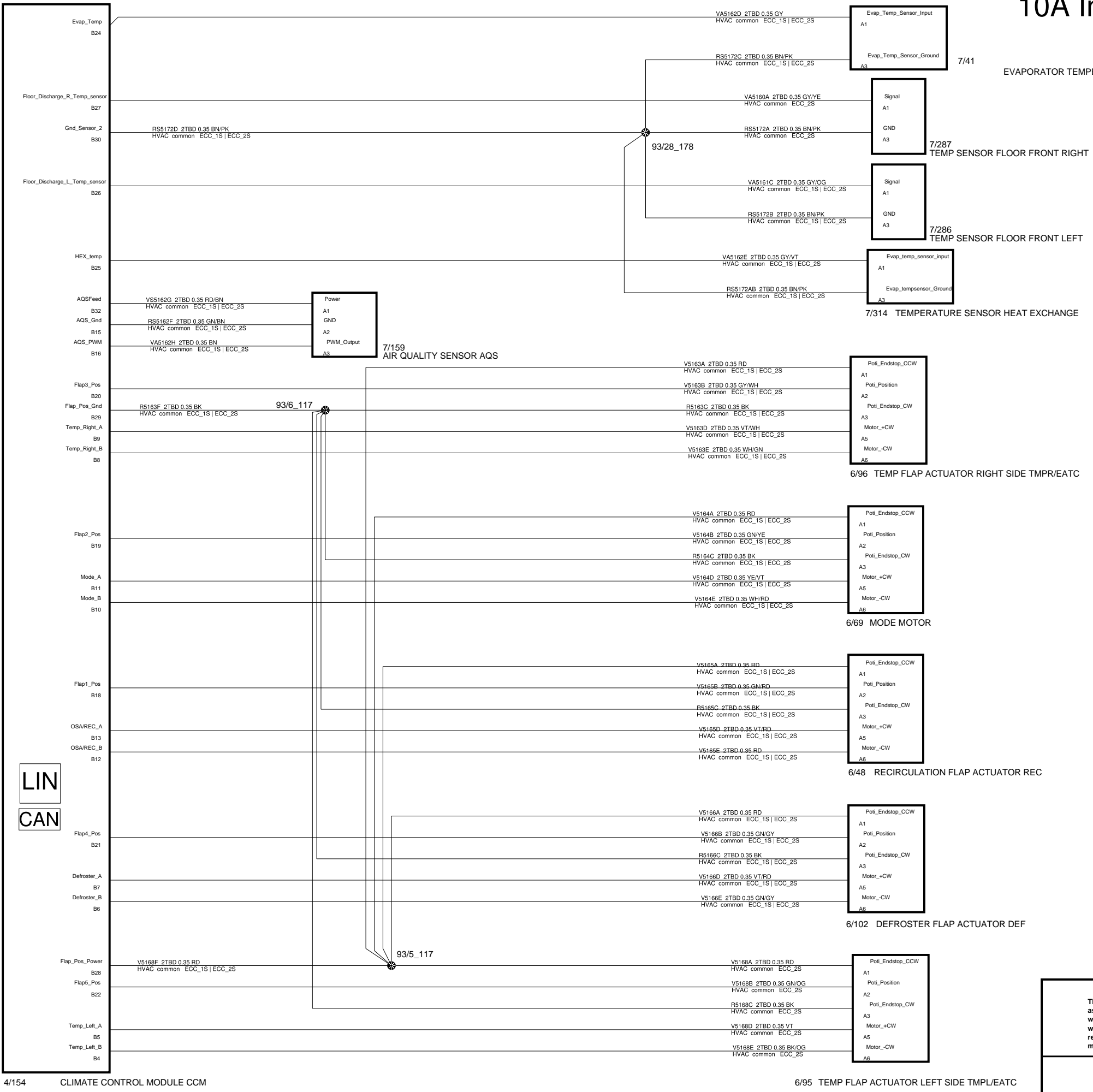
# 10A Driver Seat Internal Harness Mech RHD



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	<b>Document Type</b> DRAW/ELSY	<b>Release Status</b> RELEASED
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	<b>Issue</b> 030	<b>Page No</b> 143/149



# 10A Interior HVAC harness 2 ZONES ECC



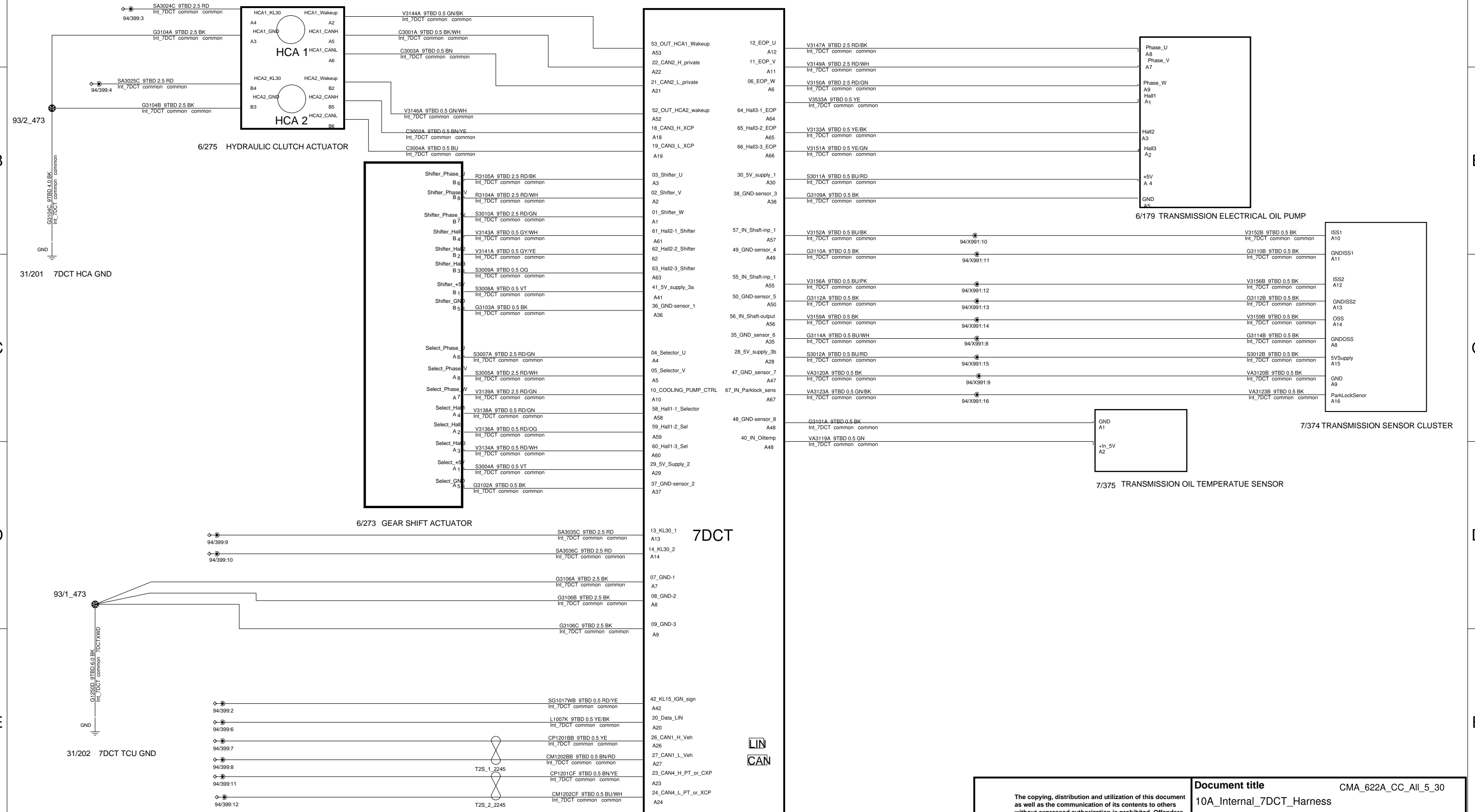
LIN  
CAN


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		<p><b>Document Type</b> DRAW/ELSY</p>	<p><b>Release Status</b> RELEASED</p>
		<p>Volvo Document No 33445458</p>	<p><b>Edited</b> June/16/2021</p>
		<p><b>Issue</b> 030</p>	<p><b>Page No</b> 144/149</p>

4/154 CLIMATE CONTROL MODULE CCM

6/95 TEMP FLAP ACTUATOR LEFT SIDE TMLP/EATC

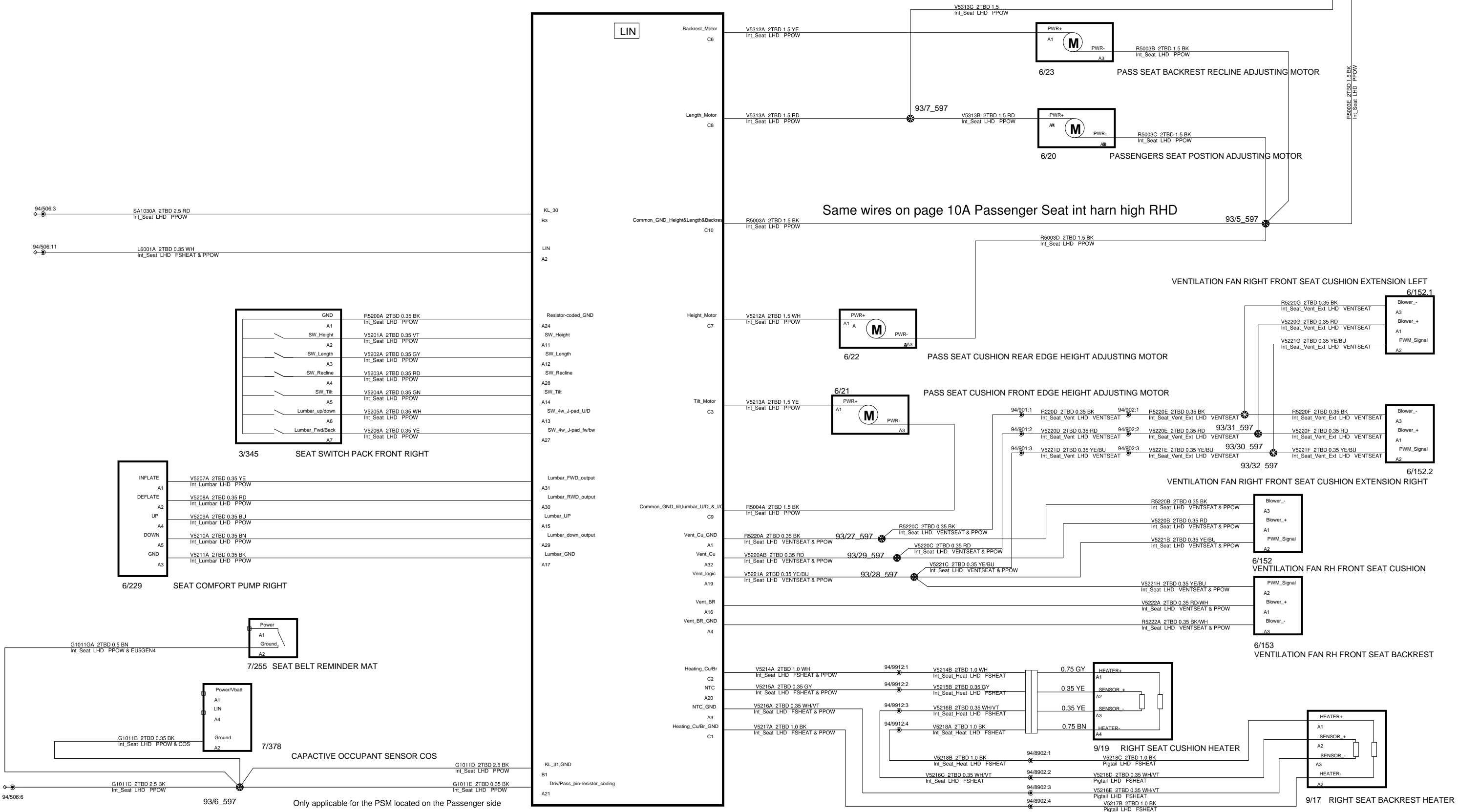
# 10A Internal 7DCT Harness



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		<b>Document Type</b> DRAW/ELSY	<b>Release Status</b> RELEASED
 VOLVO CAR CORPORATION		CEVT Document No 8888522365	<b>Edited</b> February/18/2022
		<b>Issue</b> 030	<b>Page No</b> 145/149

# 10A Passenger Seat Internal Harness High LHD

SERVICE CONNECTOR



Same wires on page 10A Passenger Seat int harn high RHD

Terminal	Wire	Color	Component
A1	R5200A	2TBD 0.35 BK	Resistor-coded_GND
A2	V5201A	2TBD 0.35 VT	SW_Height
A3	V5202A	2TBD 0.35 GY	SW_Length
A4	V5203A	2TBD 0.35 RD	SW_Recline
A5	V5204A	2TBD 0.35 GN	SW_Tilt
A6	V5205A	2TBD 0.35 WH	Lumbar_up/down
A7	V5206A	2TBD 0.35 YE	Lumbar_Fwd/Back

Terminal	Wire	Color	Component
A1	V5207A	2TBD 0.35 YE	INFLATE
A2	V5208A	2TBD 0.35 RD	DEFLATE
A4	V5209A	2TBD 0.35 BU	UP
A5	V5210A	2TBD 0.35 BN	DOWN
A3	V5211A	2TBD 0.35 BK	GND

Terminal	Wire	Color	Component
A1	Power		7/255 SEAT BELT REMINDER MAT
A2	Ground		

Terminal	Wire	Color	Component
A1	Power/Vbatt		7/378 CAPACITIVE OCCUPANT SENSOR COS
A2	Ground		

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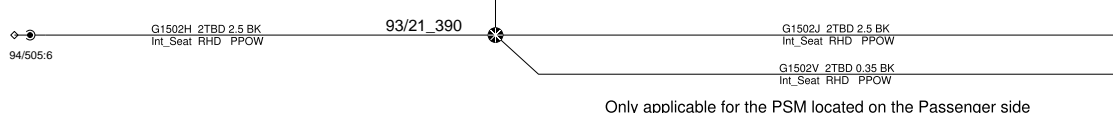
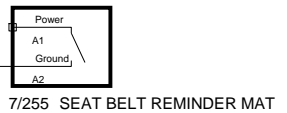
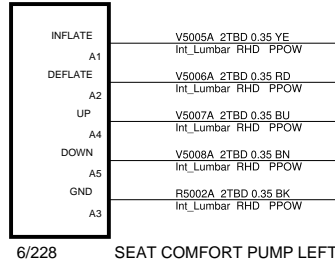
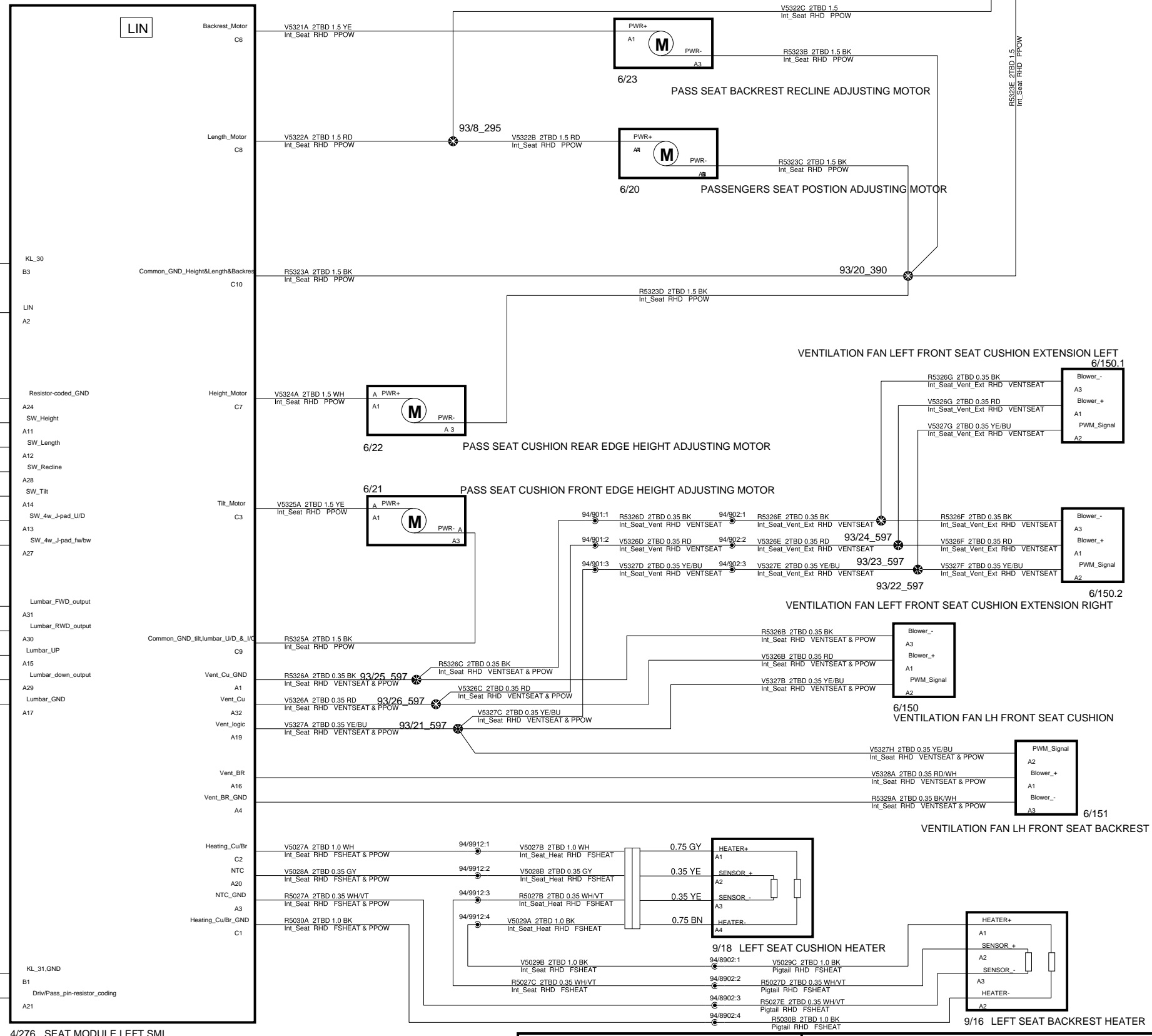
<b>Document title</b> CMA_622A_CC_All_5_30 10A_Passenger_Seat_Internal_Harness_High_LHD	
<b>Document Type</b> DRAW/ELSY	<b>Release Status</b> RELEASED
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Only applicable for the PSM located on the Passenger side

4/277.1 SEAT MODULE RIGHT SMR

# 10A Passenger Seat Internal Harness High RHD

SERVICE CONNECTOR



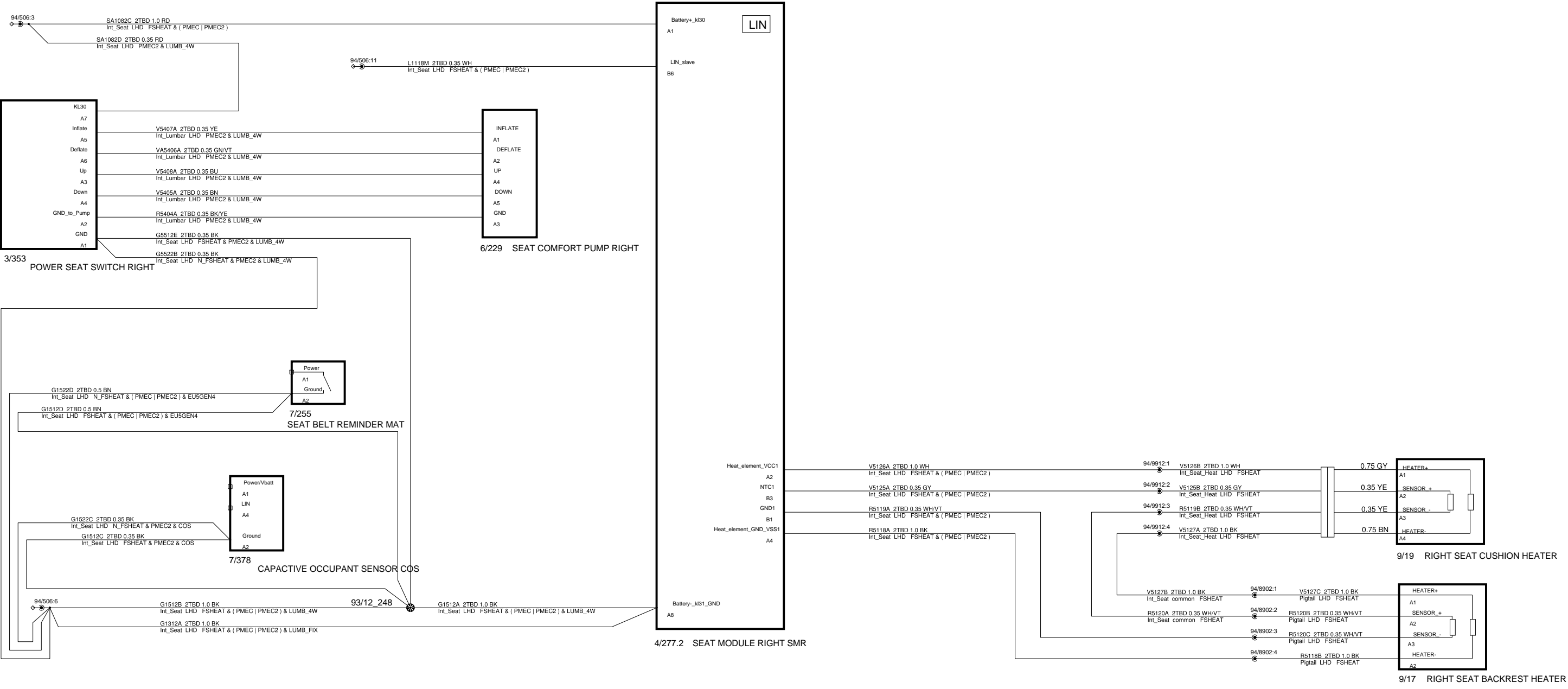
Only applicable for the PSM located on the Passenger side

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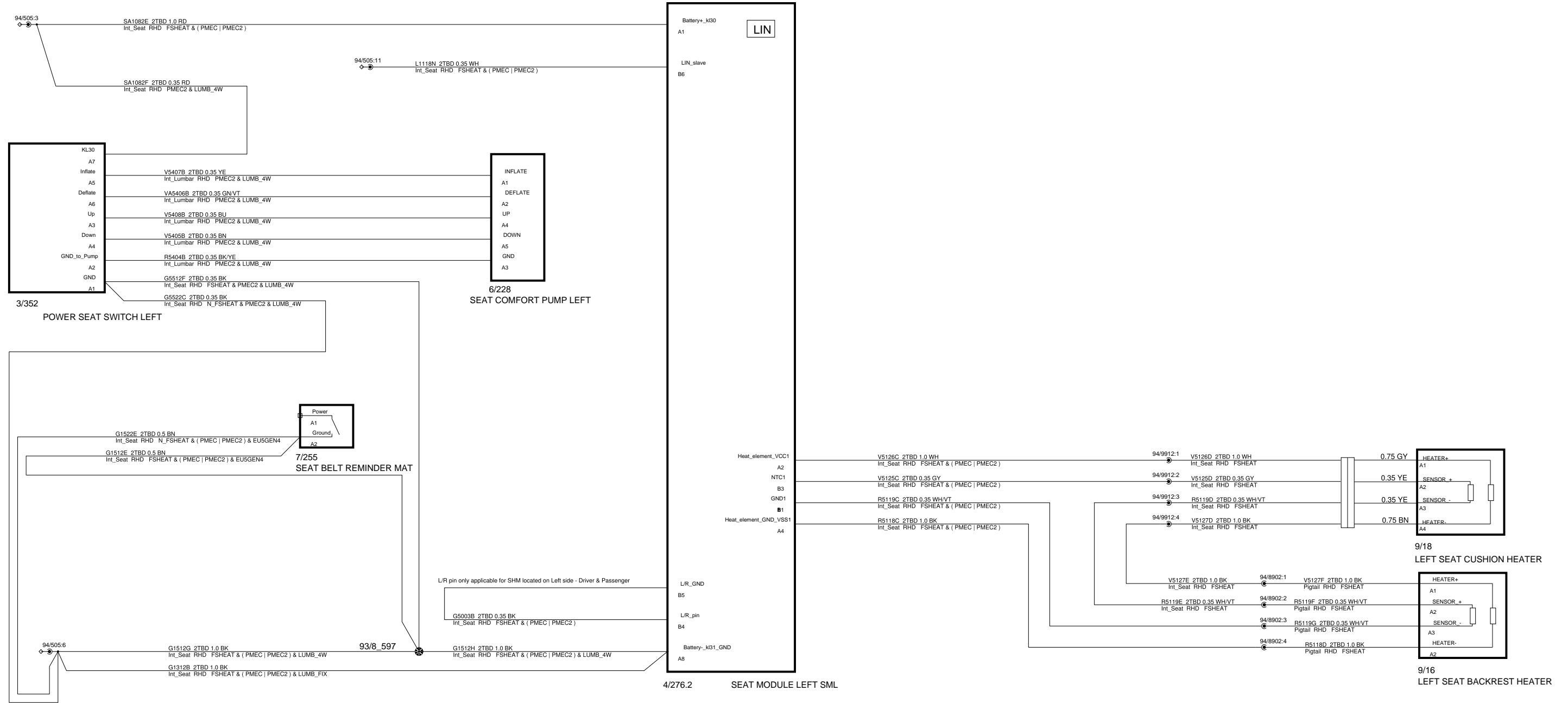
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# 10A Passenger Seat Internal Harness Mech LHD



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	<p><b>Document Type</b> DRAW/ELSY</p>	<p><b>Release Status</b> RELEASED</p>
	<p>Volvo Document No 33445458</p>	<p><b>Edited</b> March/03/2022</p>
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# 10A Passenger Seat Internal Harness Mech RHD



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	<b>Document Type</b> DRAW/ELSY	<b>Release Status</b> RELEASED
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