

Service Journal

TITLE:

Aftermarket Wiring Diagrams CMA MY24

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CATEGORY:	SUBCATEGORY:	CAR MARKET: United States and Canada	
REVISIONS:		ISSUE DATE: 2023-04-25	STATUS DATE: 2023-04-25
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Background:

As a result of delays in the production of aftermarket wiring diagrams, there is a risk of missing or incorrect wiring diagrams for certain customer functions for CMA MY24 (structure week 202317 -).

Temporary Solution:

In cases of missing or incorrect wiring diagrams in VIDA, refer to the cleaned-up system-based wiring diagrams from R&D attached as a PDF.

Final Solution:

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

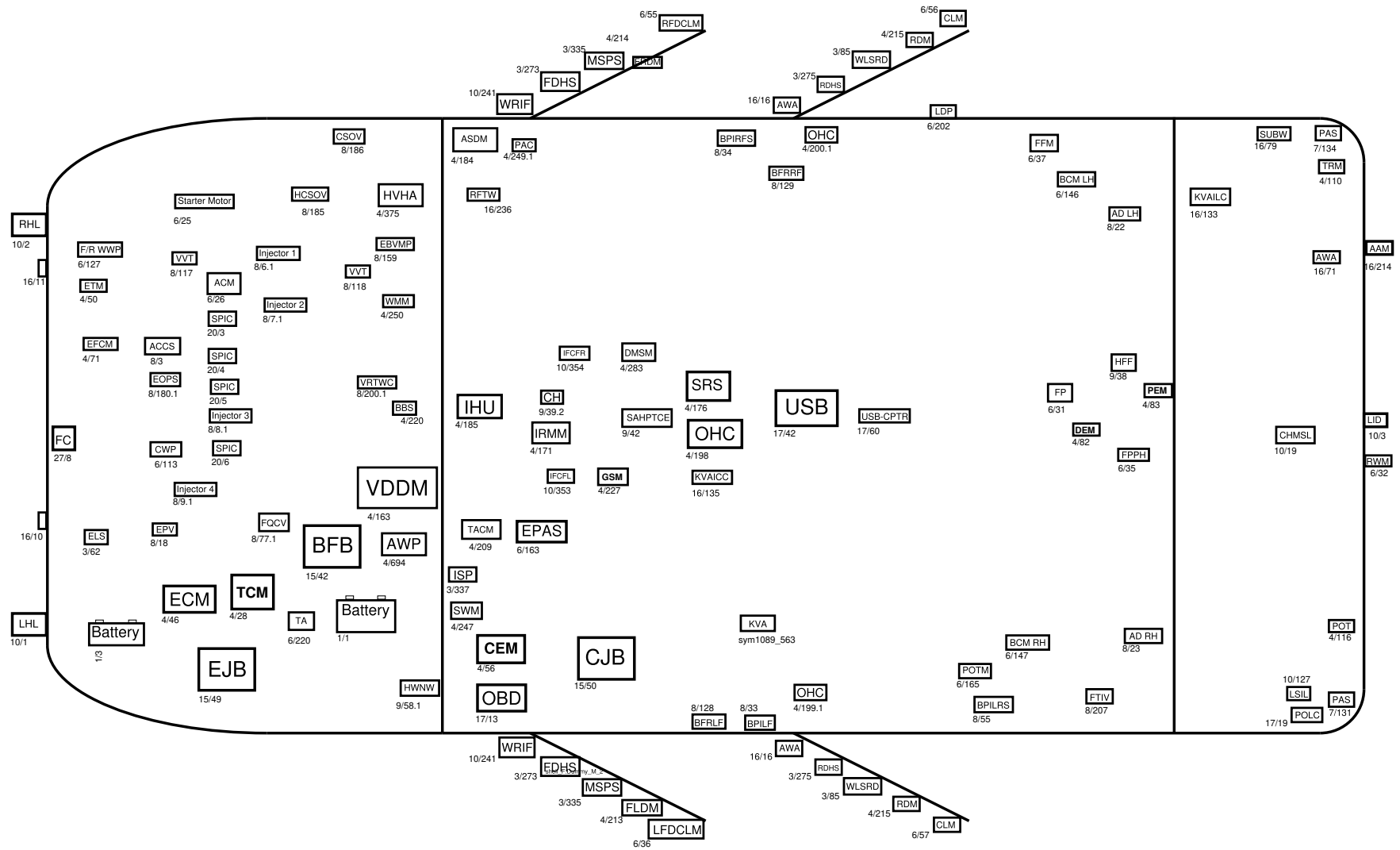
P319/V316/V317

623A_PP | 624A_VP

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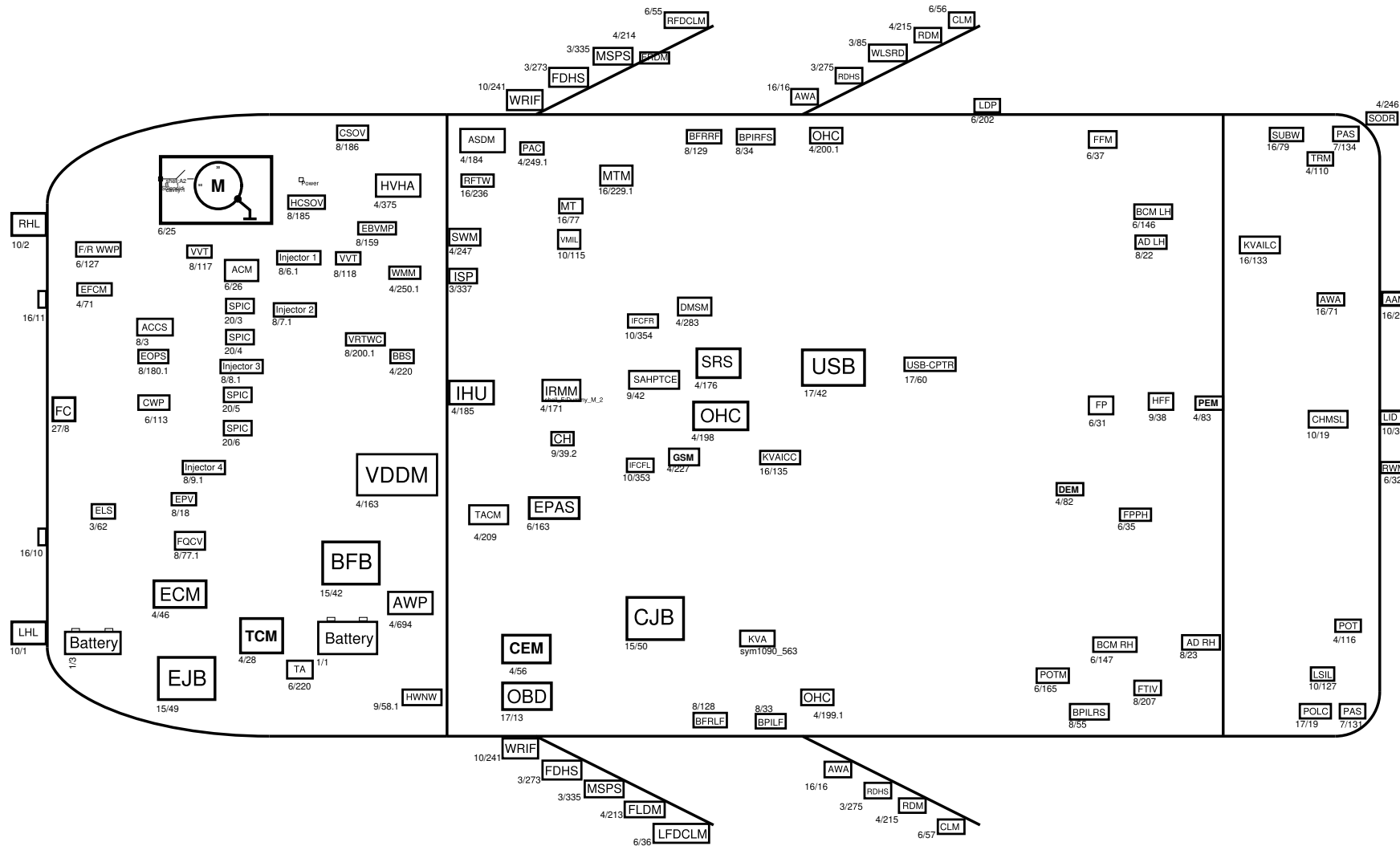
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0B Overview LHD



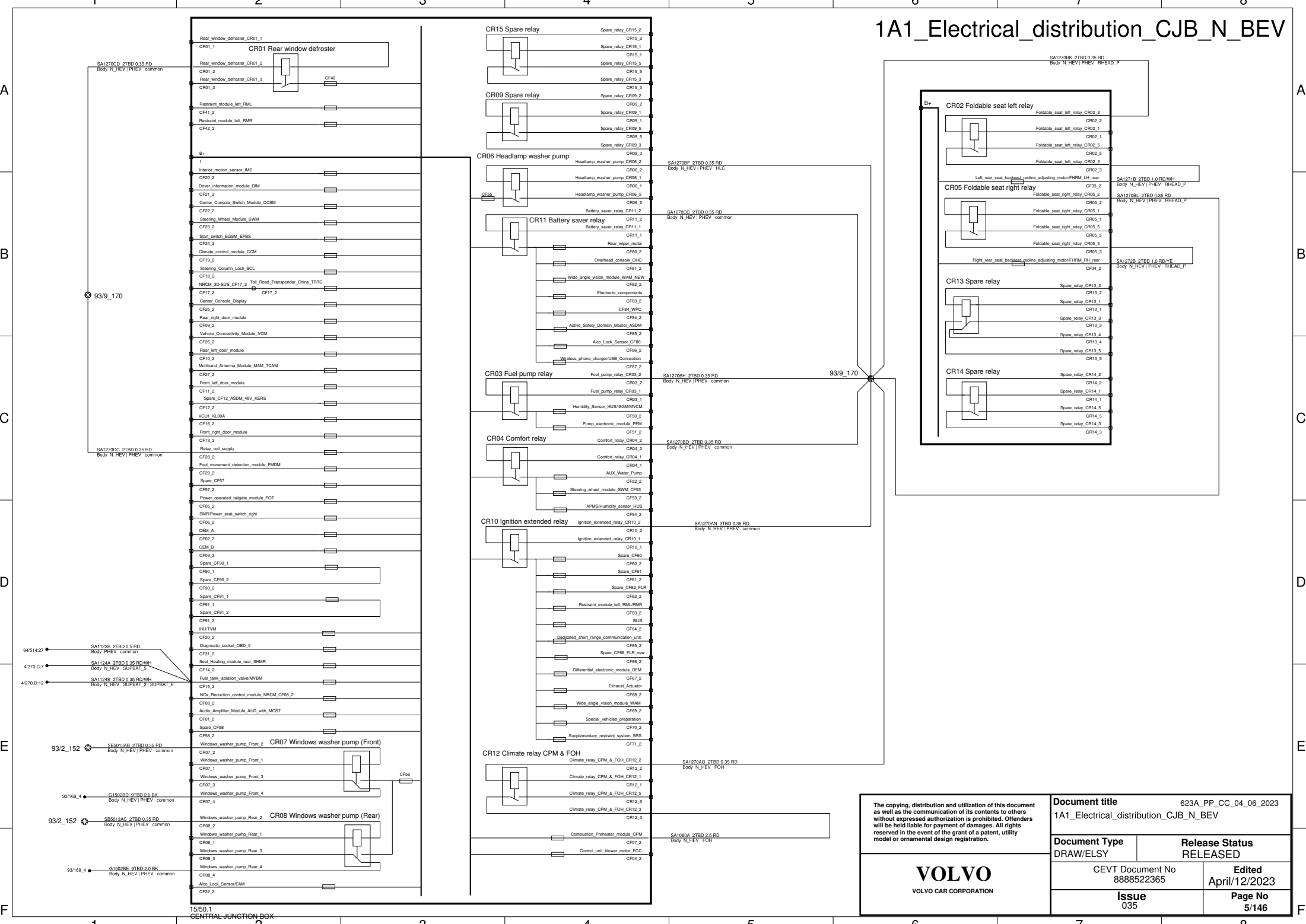
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0B Overview RHD



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1A1_Electrical_distribution_CJB_N_BEV



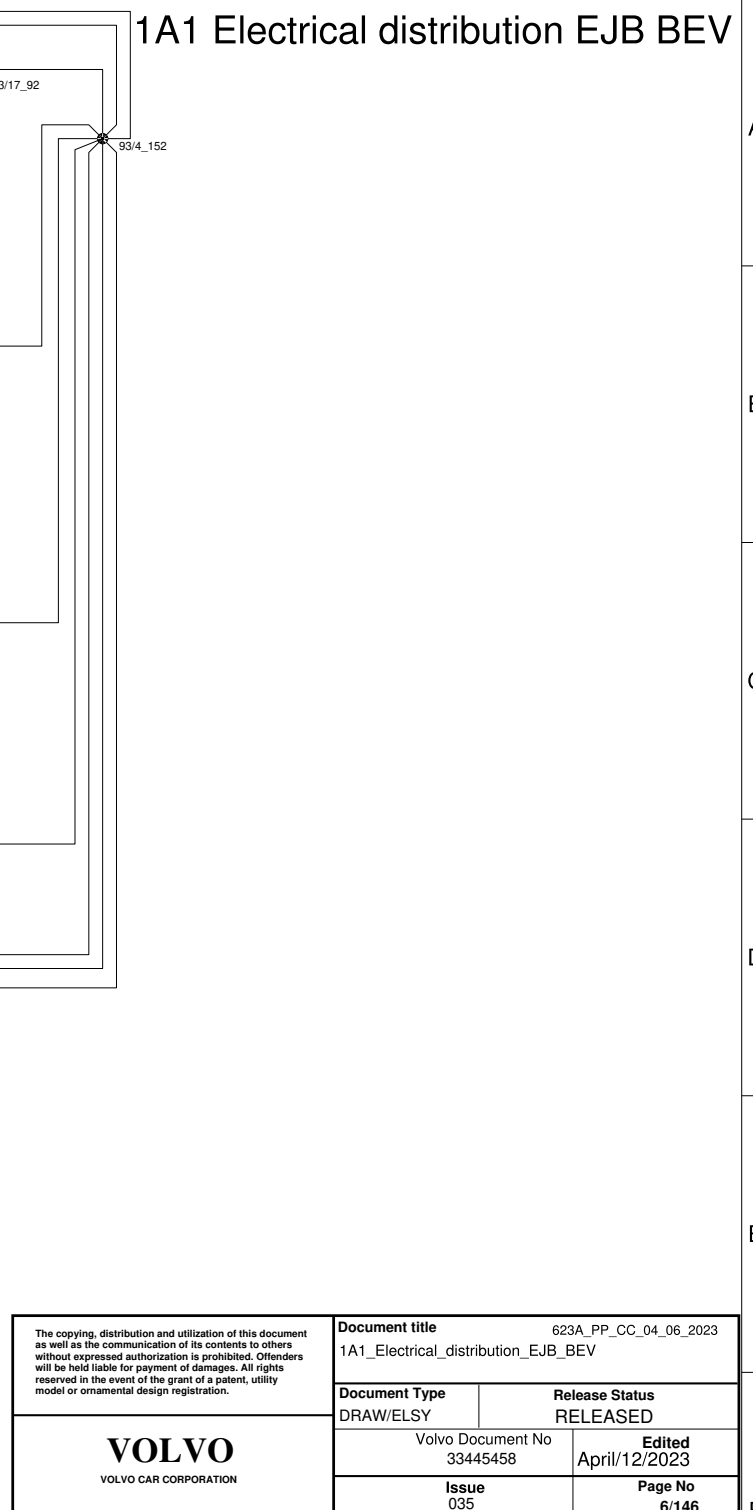
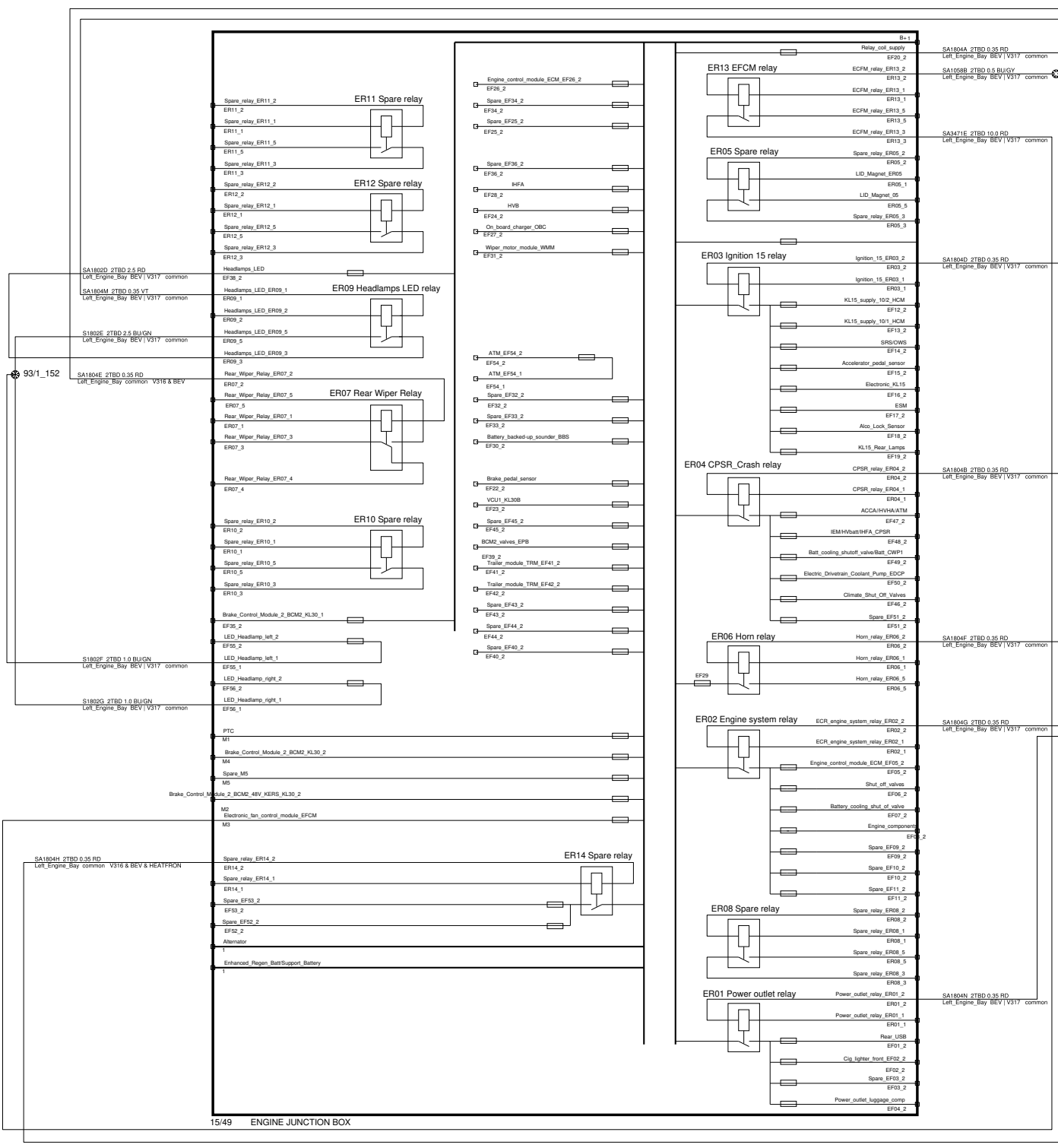
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Issue	035		

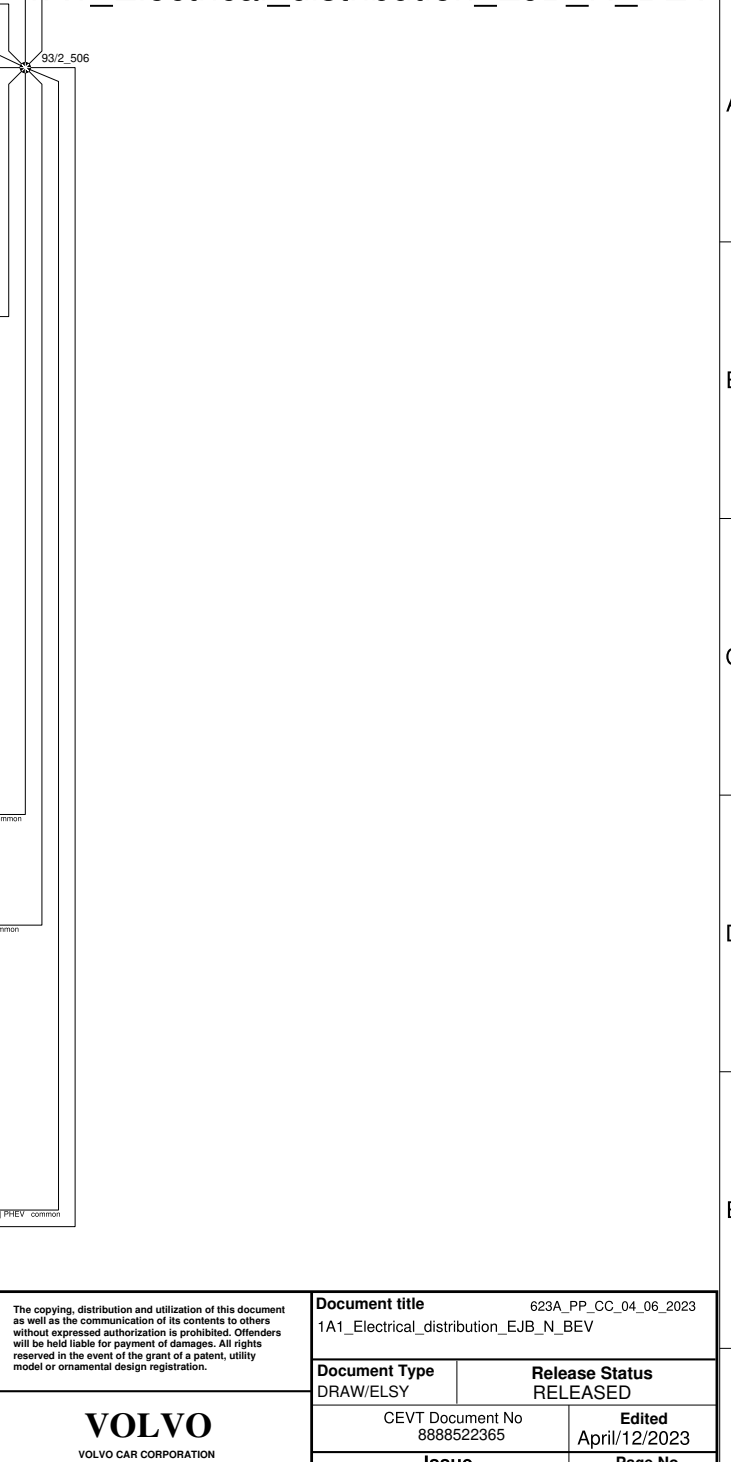
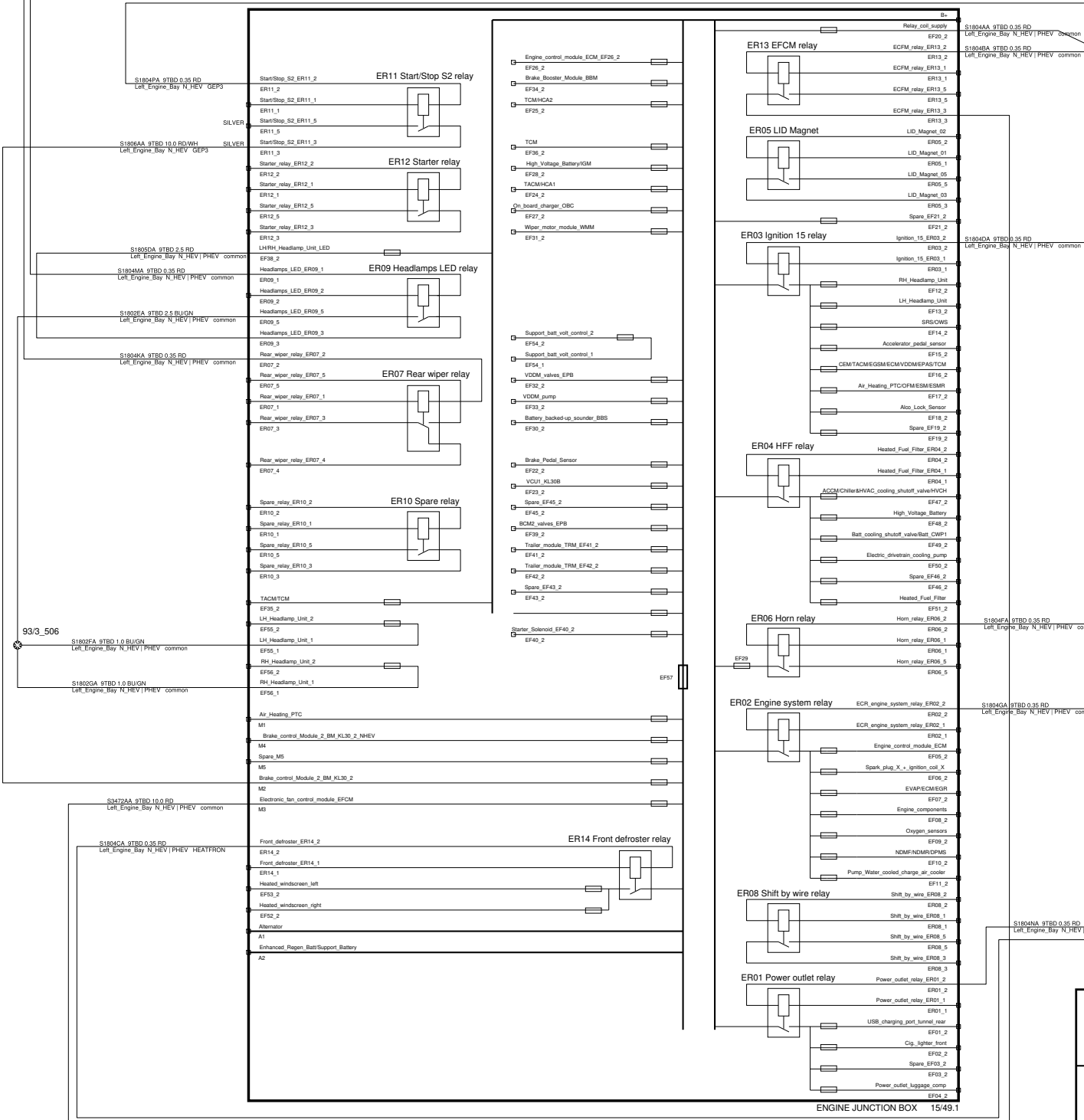
1A1 Electrical distribution EJB BEV

A
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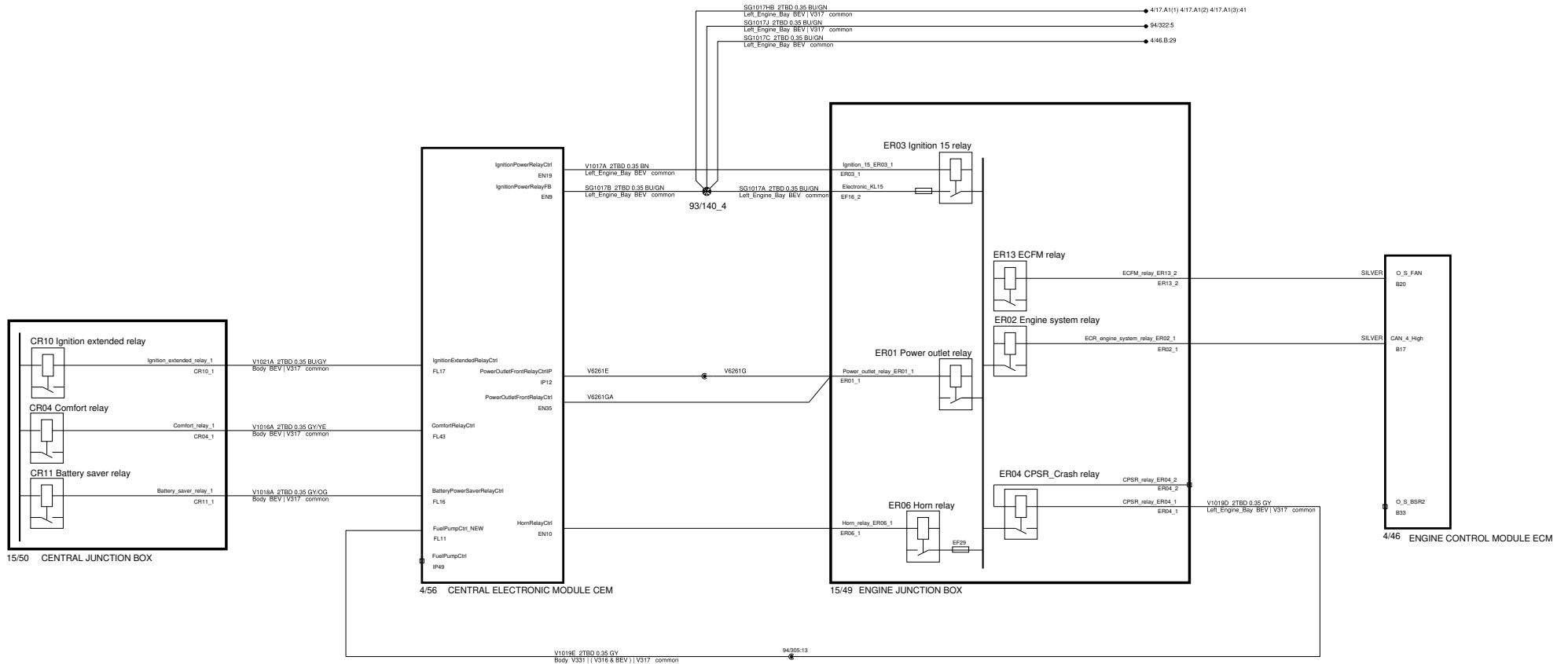
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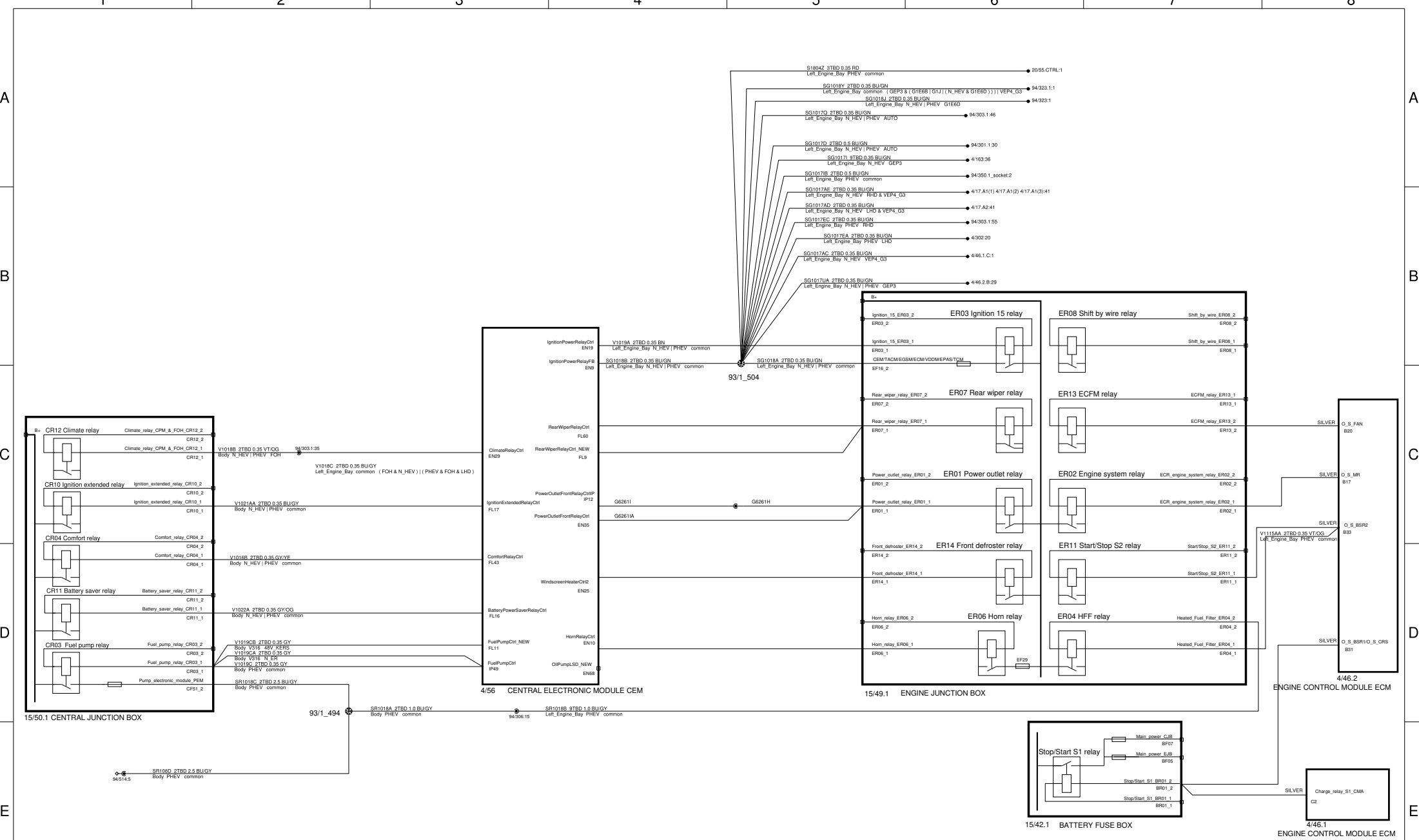


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1A3 System relays control

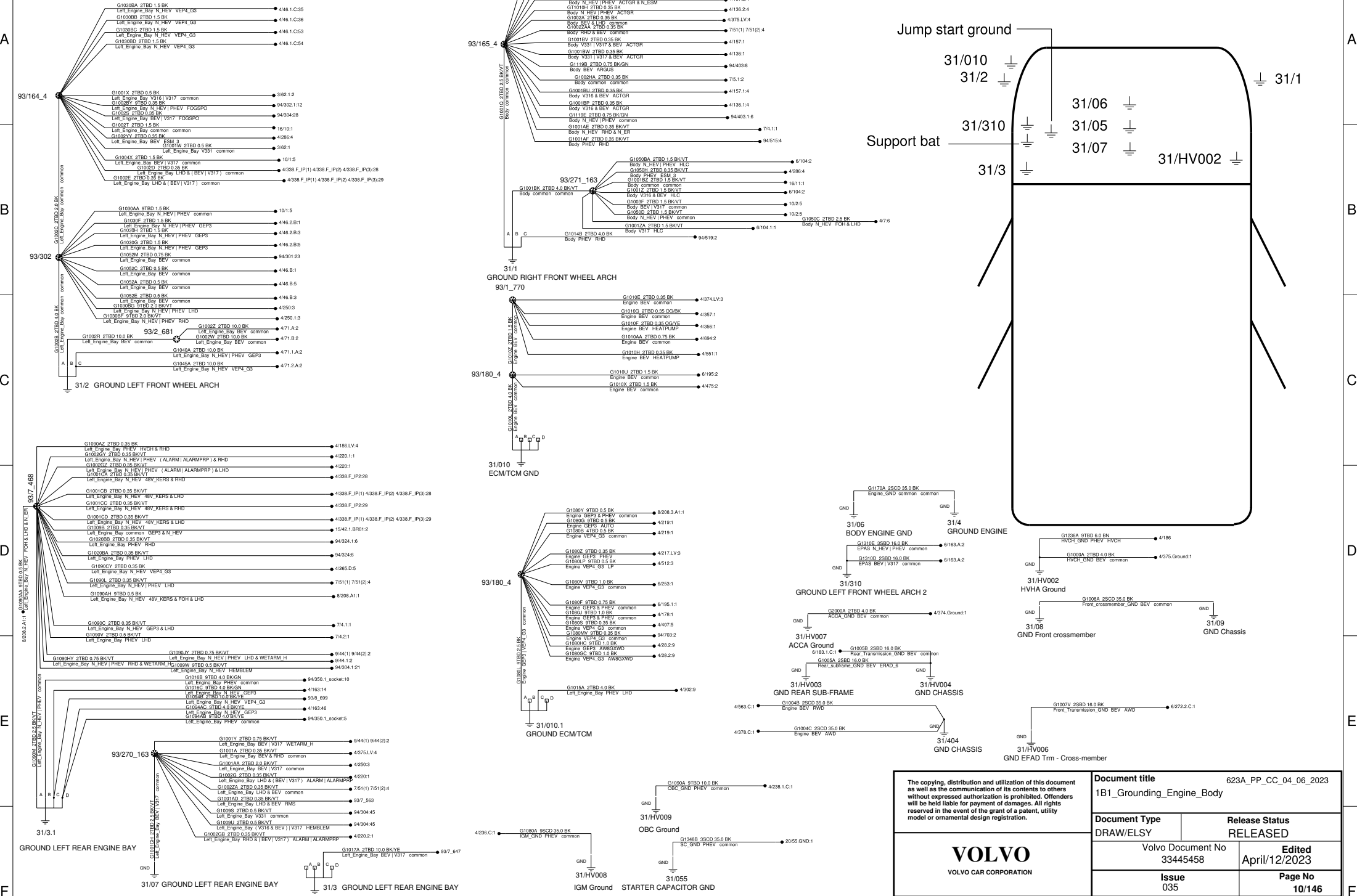


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1B Grounding Engine, Body

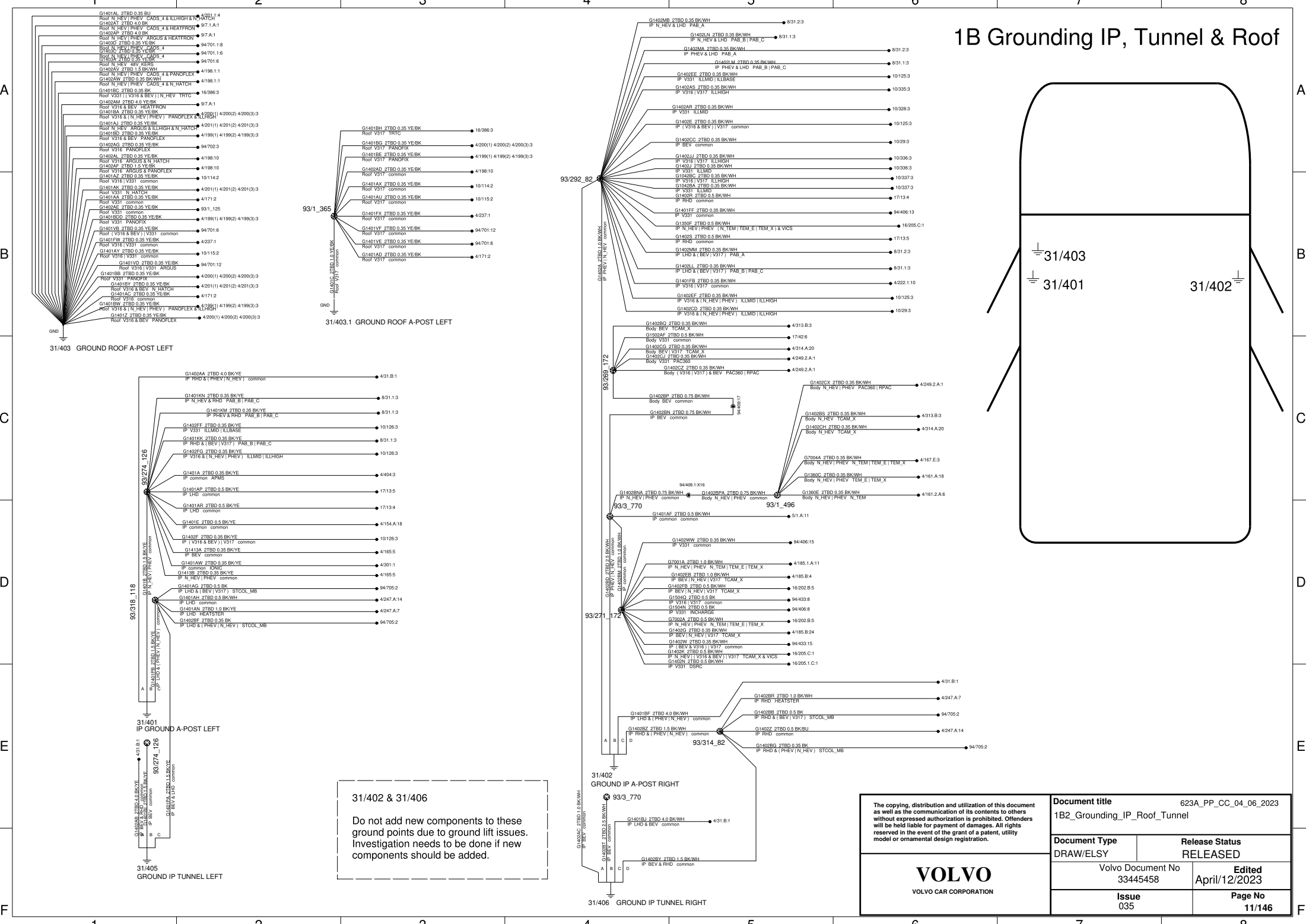


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1B1_Grounding_Engine_Body		RELEASED	
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1B Grounding IP, Tunnel & Roof



31/402 & 31/406

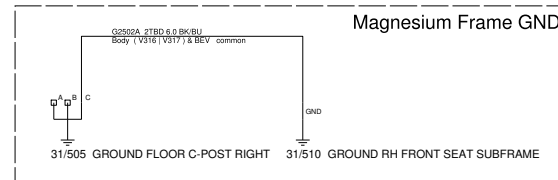
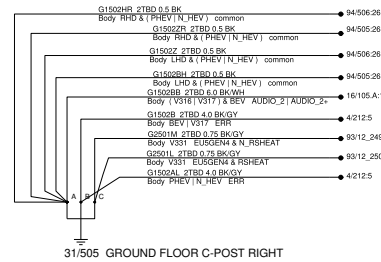
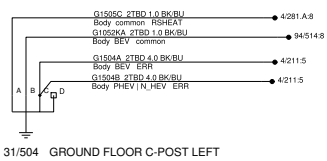
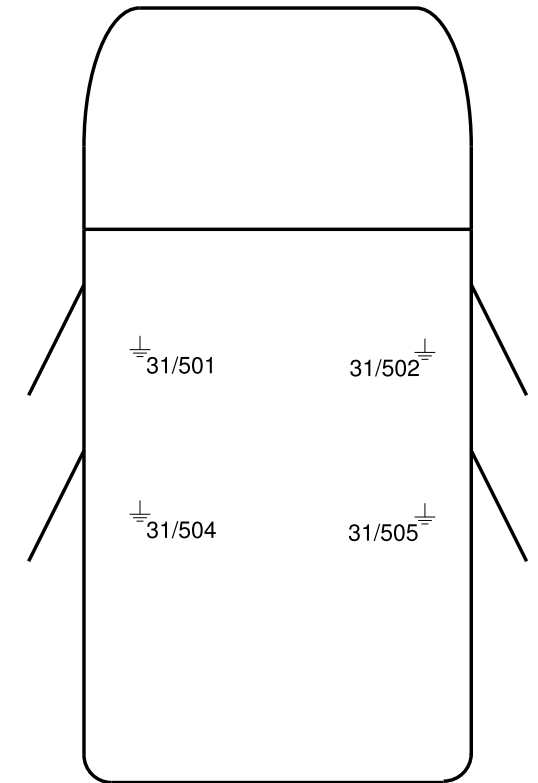
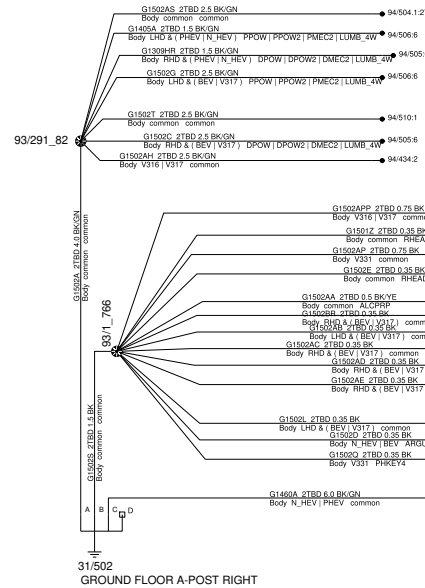
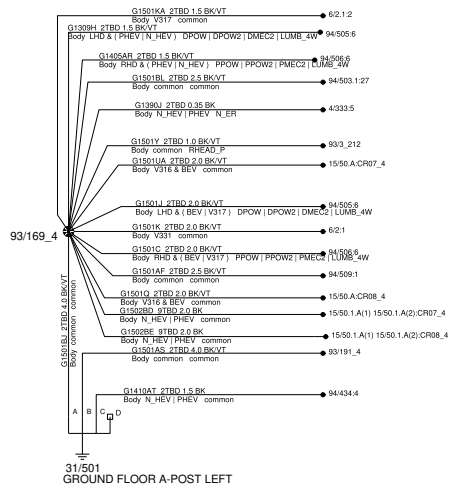
Do not add new components to these ground points due to ground lift issues. Investigation needs to be done if new components should be added.

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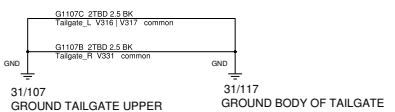
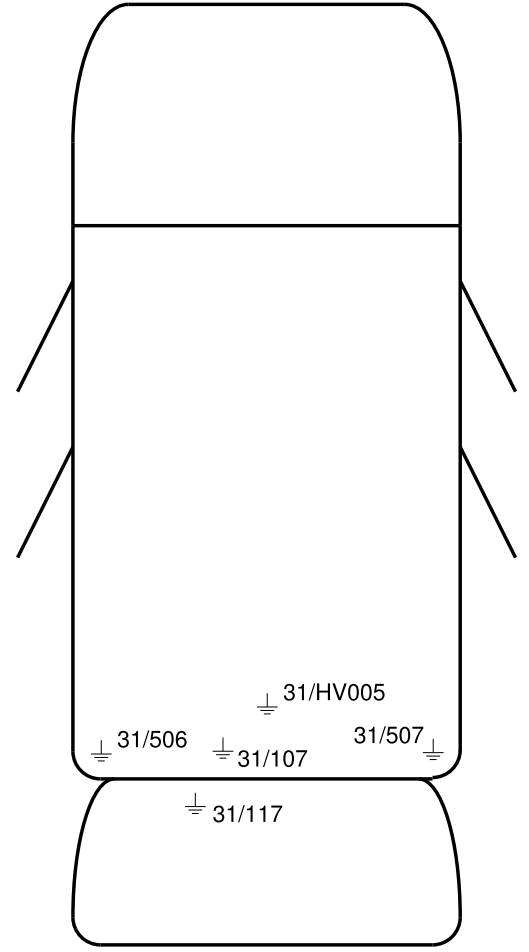
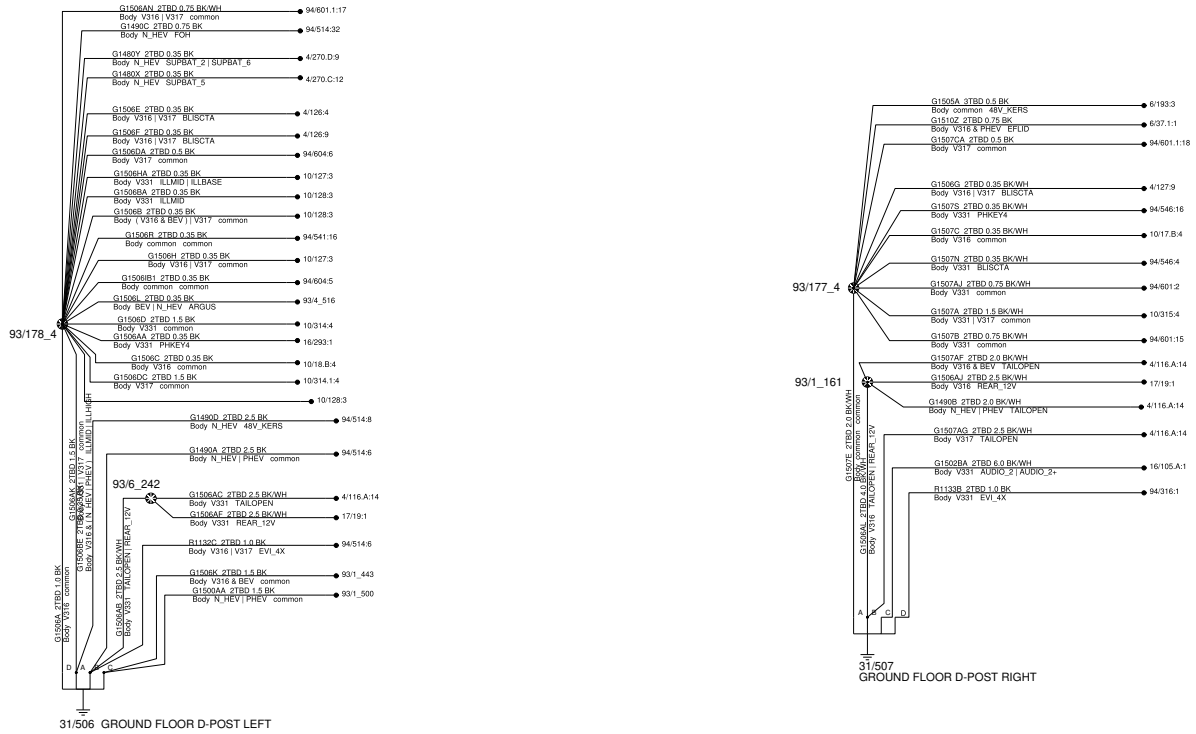
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1B2_Grounding_IP_Roof_Tunnel			
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1B Grounding Body Front



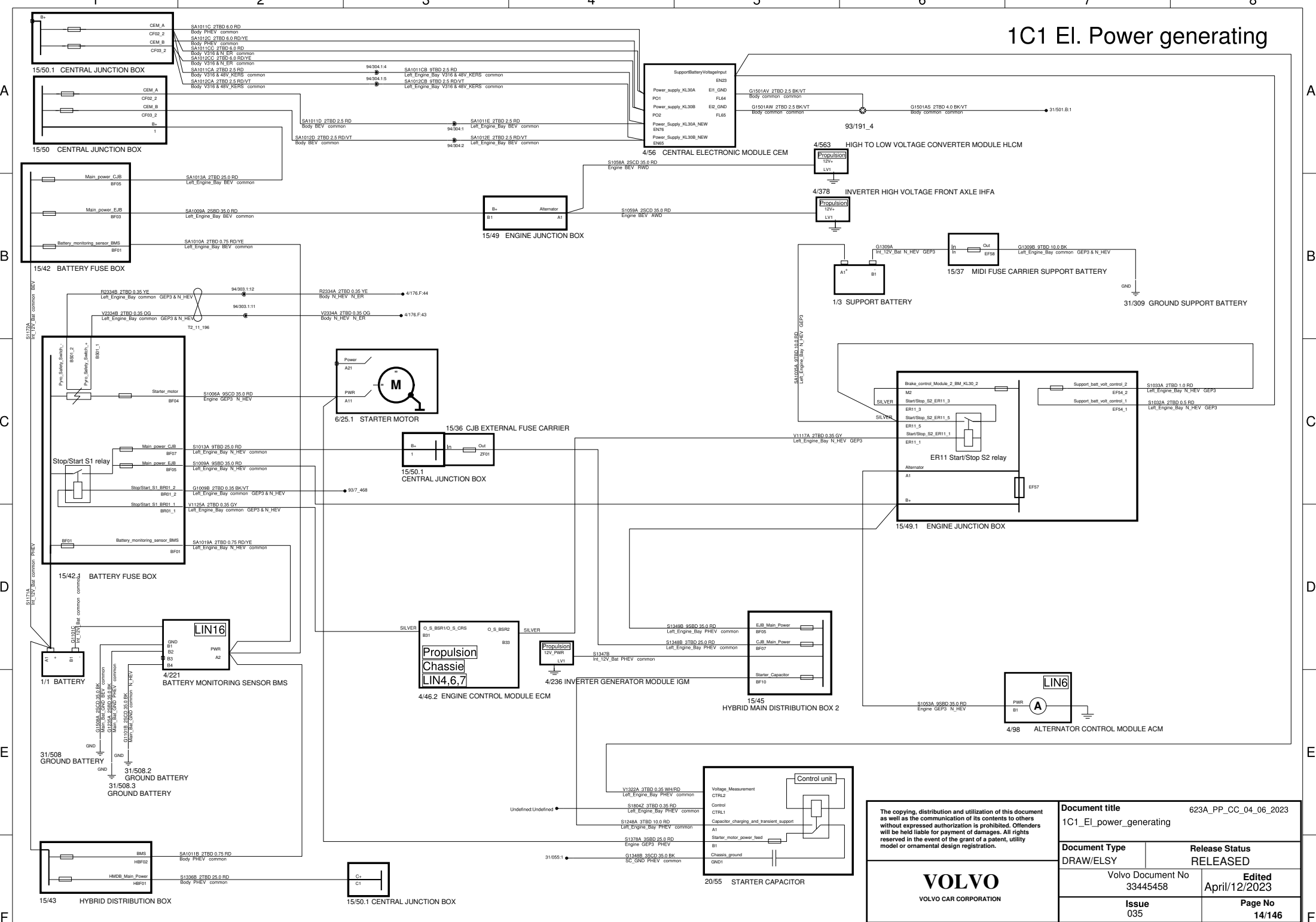
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1B Grounding Body Rear, Tailgate



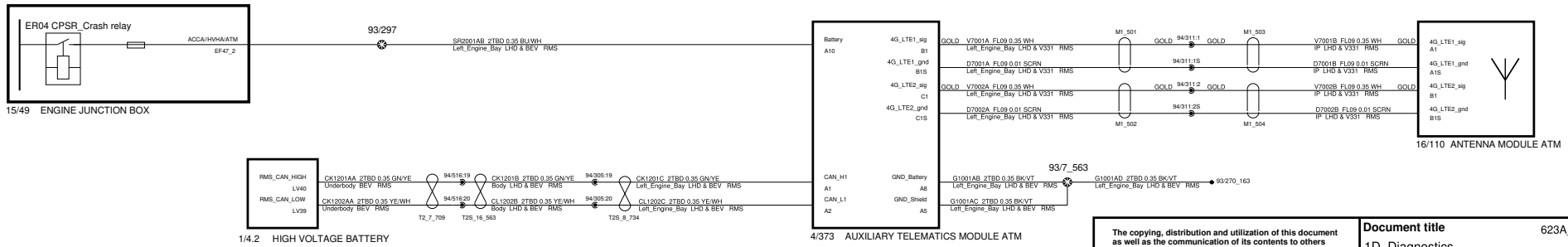
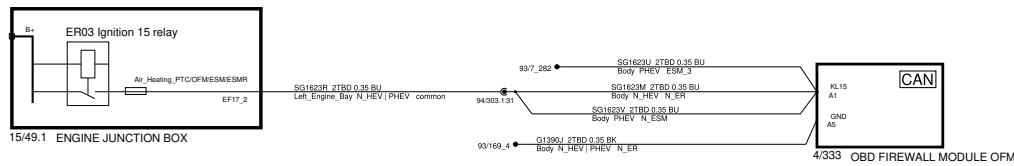
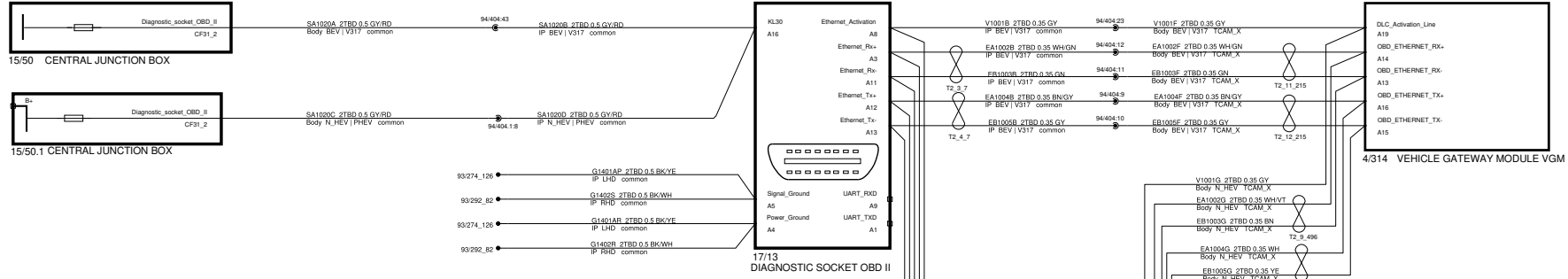
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1C1 EI. Power generating

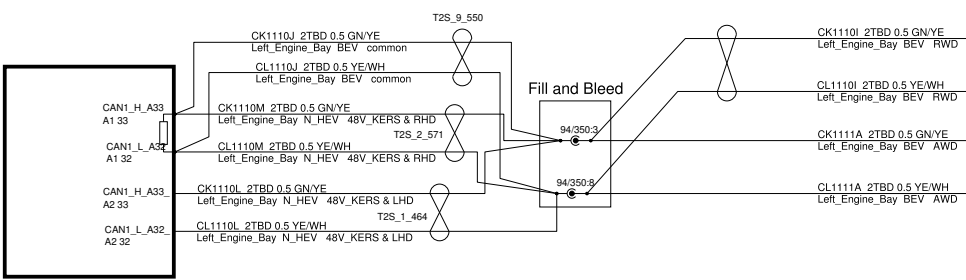
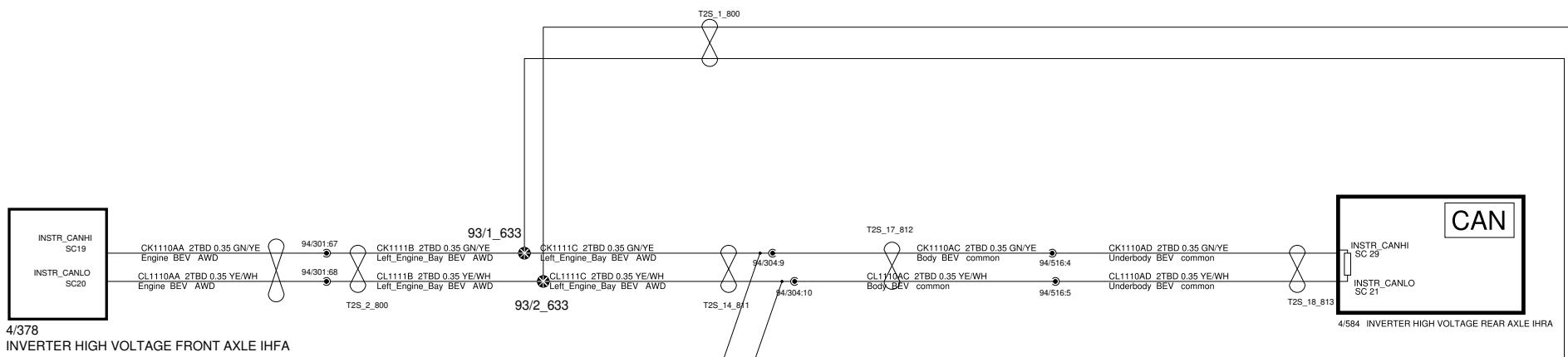


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1D Diagnostics



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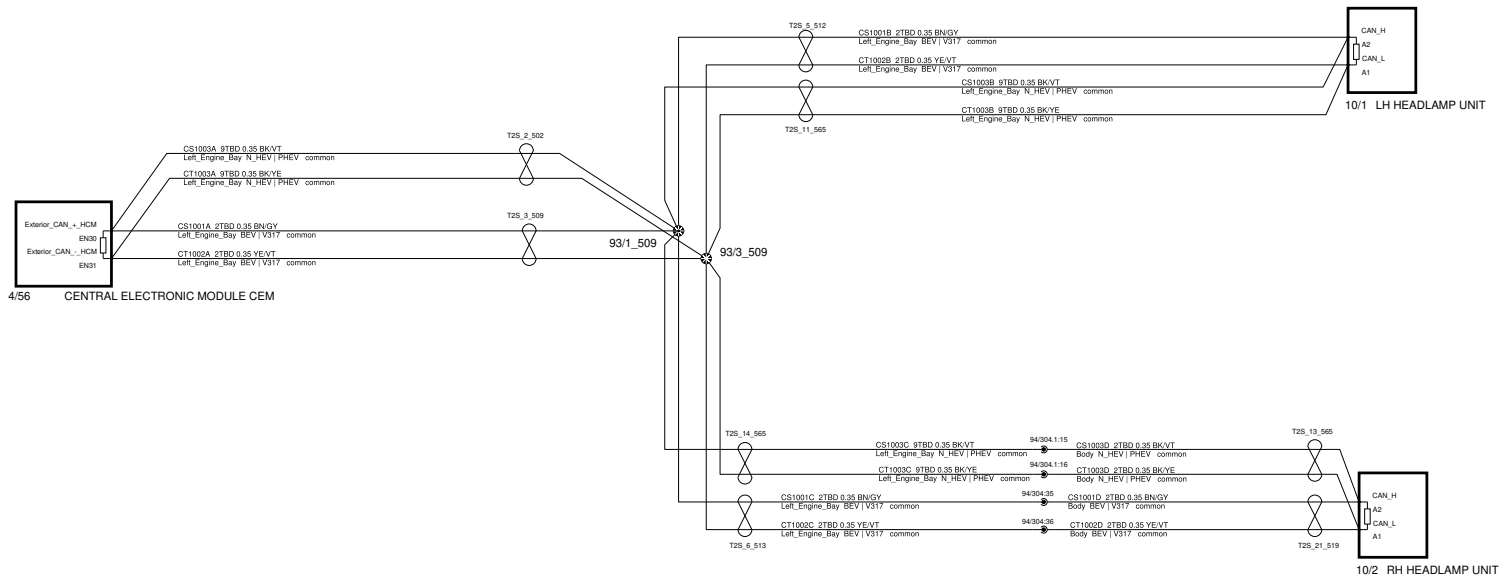
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INVERTER HIGH VOLTAGE FRONT AXLE IHFA

4/584 INVERTER HIGH VOLTAGE REAR AXLE IHRA

4/17
BRAKE CONTROL MODULE 2 BCM2

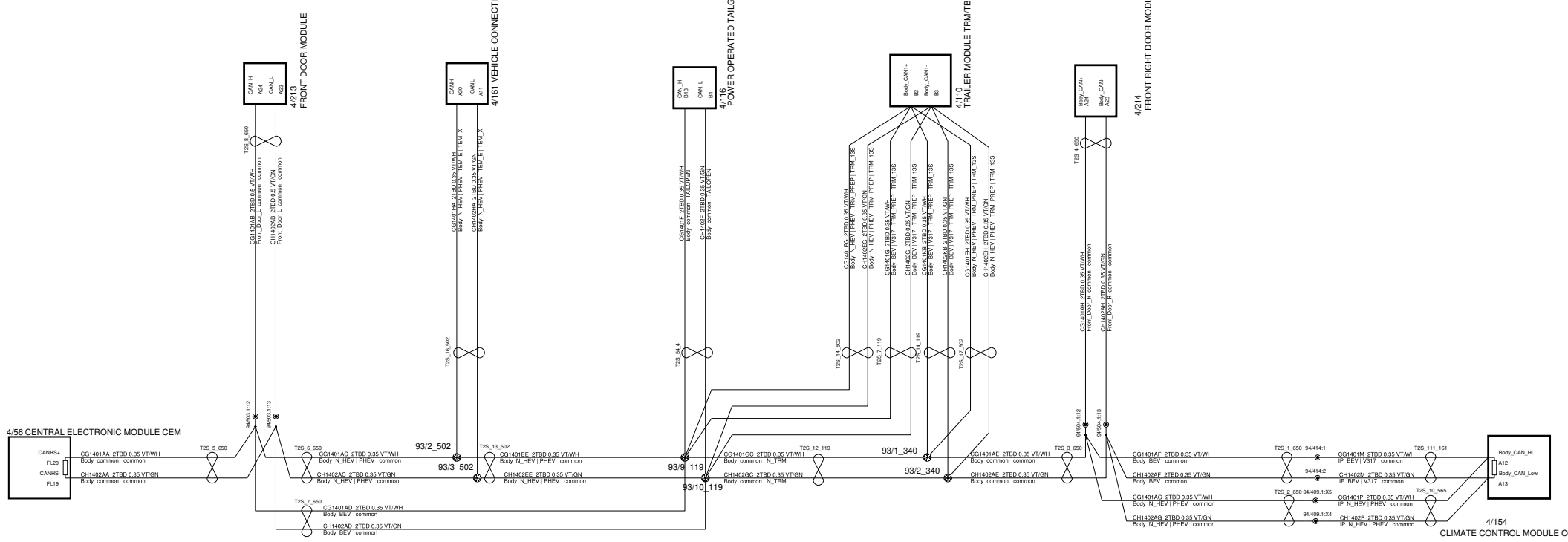
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1E Body CAN Exp



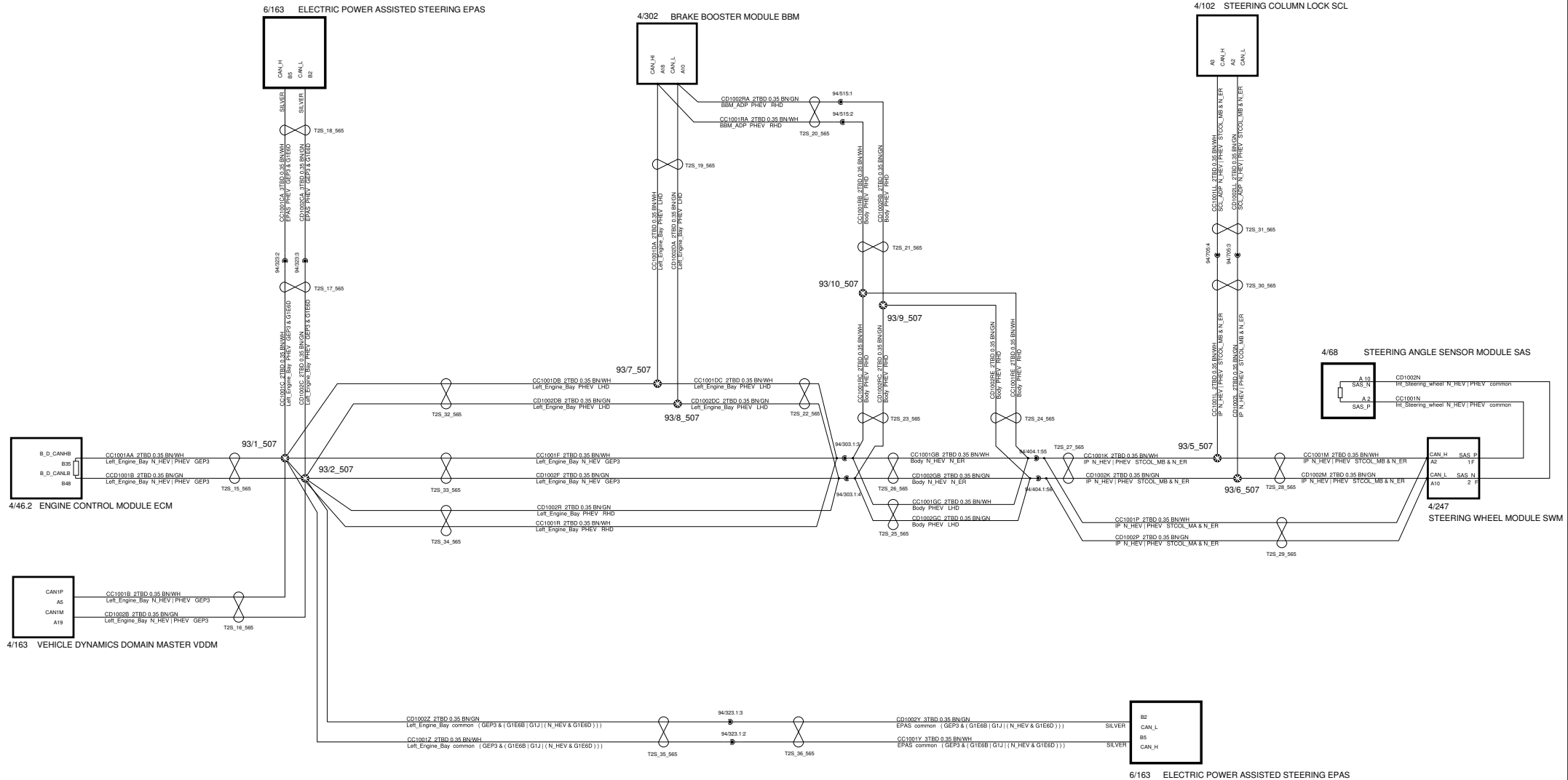
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1E Body-CAN



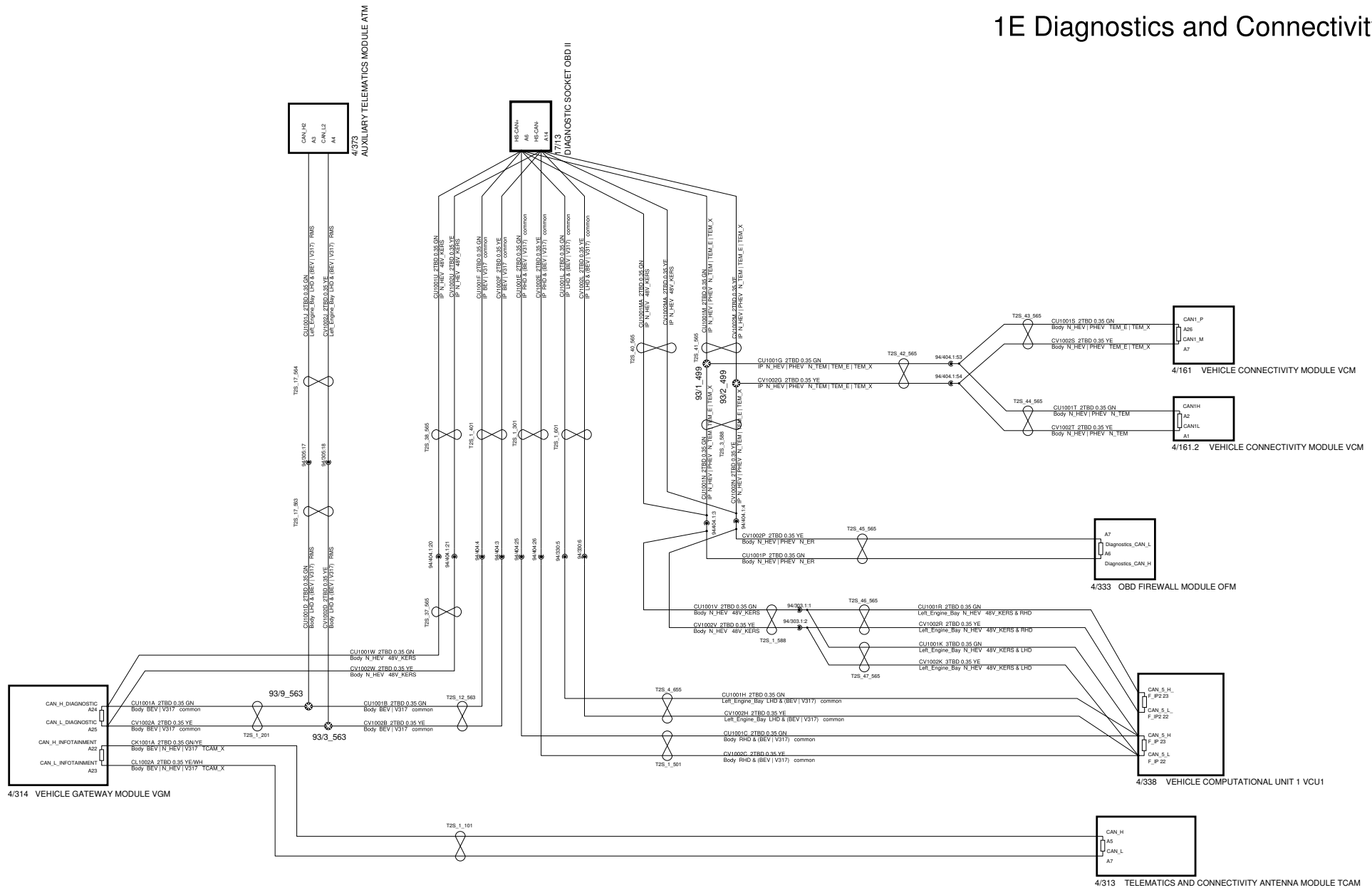
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	1E_CAN_Body		
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	DRAW/ELSY	RELEASED	
	Volvo Document No 33445458	Edited April/12/2023	
	Issue 035	Page No 17/146	

1E Chassie CAN



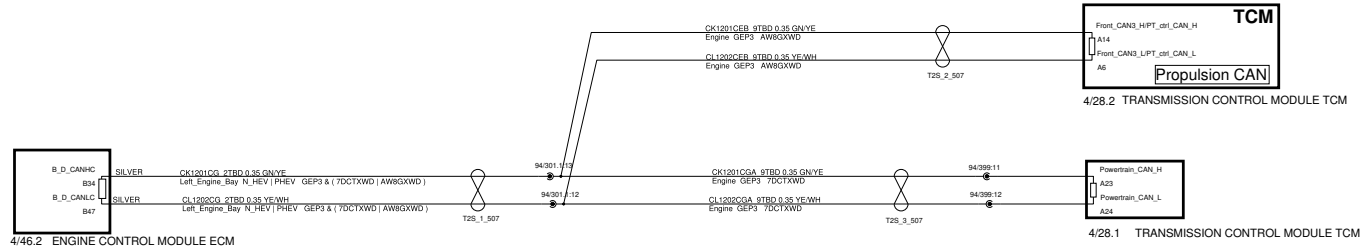
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	CEVT Document No 8888522365	Edited April/04/2023
	Issue 035	Page No 19/146

1E Diagnostics and Connectivity CAN



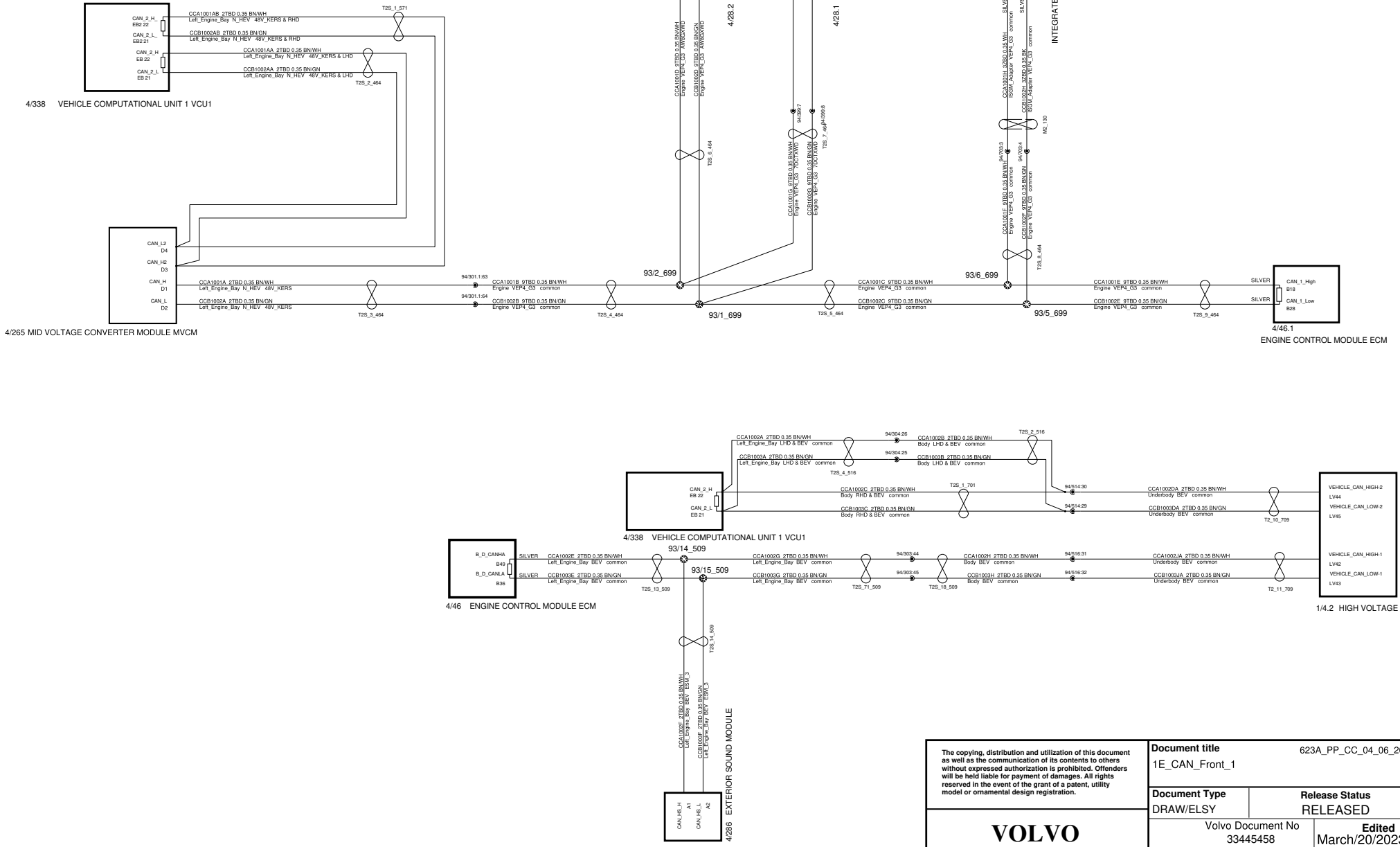
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		<p>Document Type DRAW/ELSY</p>	<p>Release Status RELEASED</p>
		<p>Volvo Document No 33445458</p>	<p>Edited April/12/2023</p>
		<p>Issue 035</p>	<p>Page No 20/146</p>

1E Engine CAN



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	Document Type DRAW/ELSY	Release Status RELEASED
	CEVT Document No 8888522365	Edited February/01/2021
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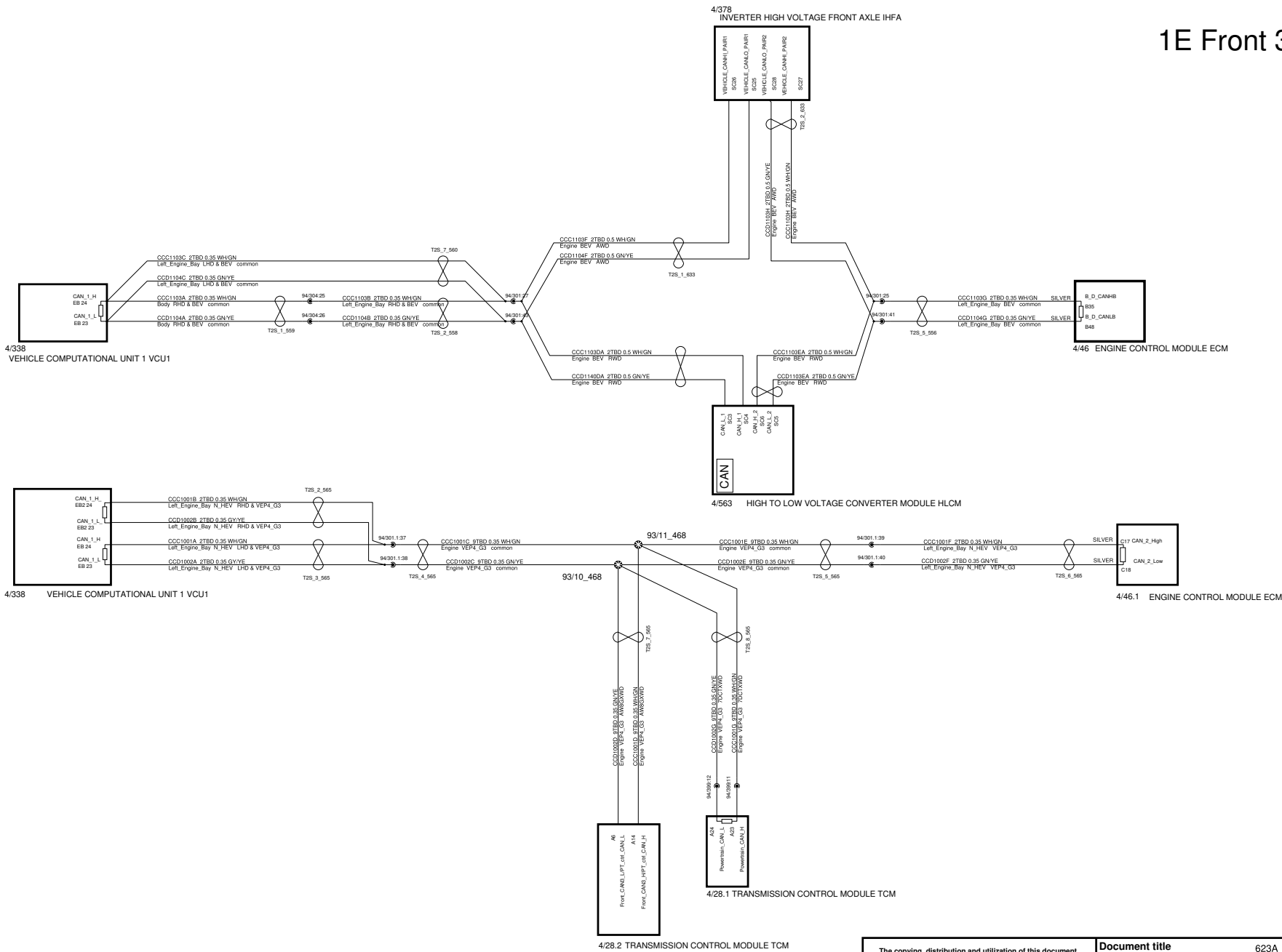
1E Front 1 CAN



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		<p>1E_CAN_Front_1</p>	
<p>Document Type</p>		<p>Release Status</p>	
<p>DRAW/ELSY</p>		<p>RELEASED</p>	
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<p>Issue 035</p>		<p>Page No 22/146</p>	

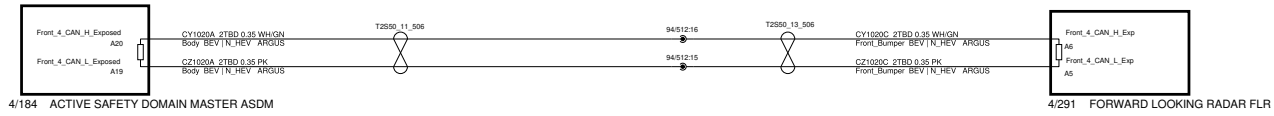
VOLVO
VOLVO CAR CORPORATION

1E Front 3 CAN

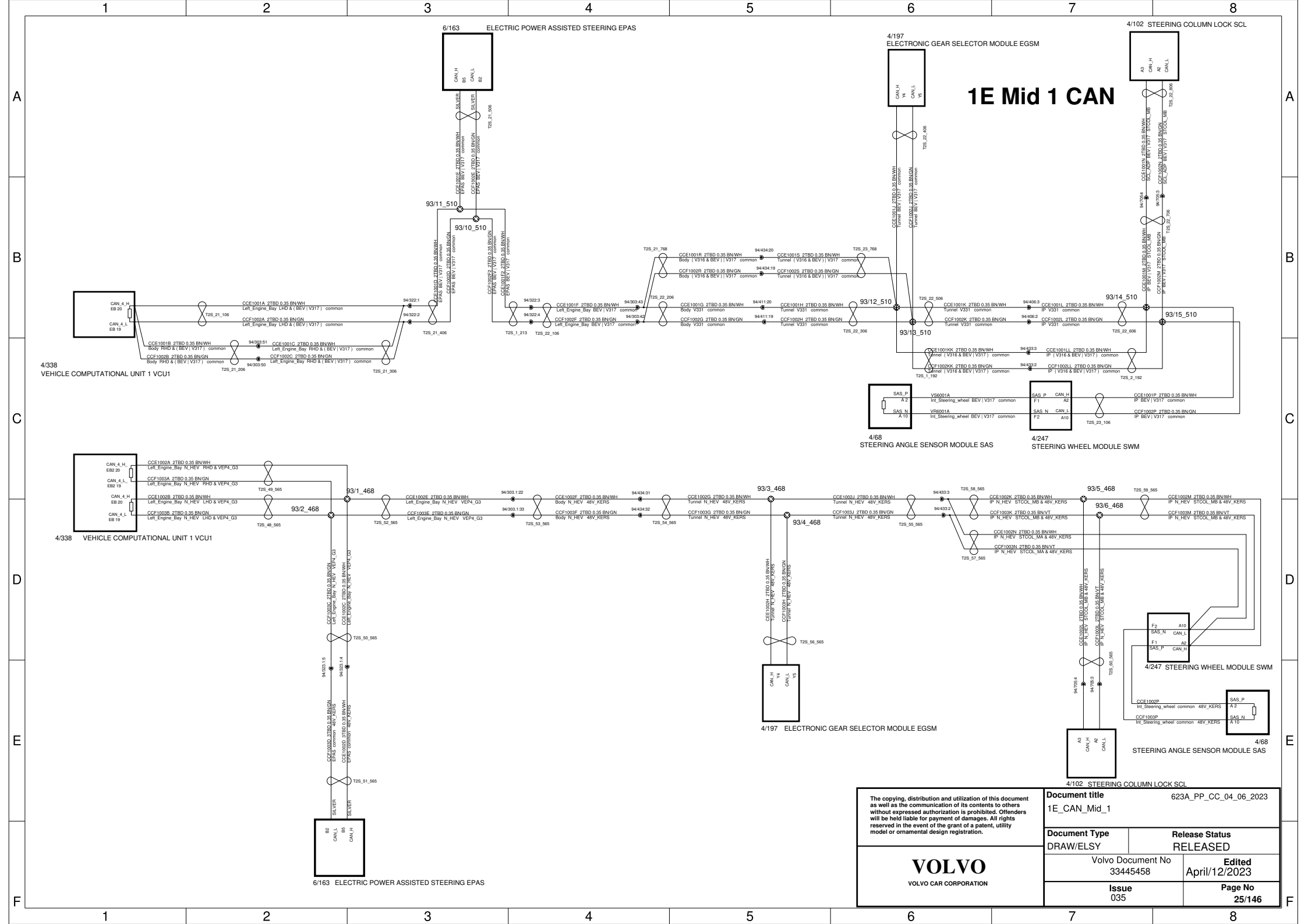


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		<p>Document Type DRAW/ELSY</p>	<p>Release Status RELEASED</p>		
<p>VOLVO VOLVO CAR CORPORATION</p>		<p>Volvo Document No 33445458</p>	<p>Edited March/21/2023</p>		
		<p>Issue 035</p>	<p>Page No 23/146</p>		

1E Front CAN Exposed



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	Document Type DRAW/ELSY	Release Status RELEASED
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1E Mid 1 CAN

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		Document Type	RELEASED
<p>Volvo Document No 33445458</p>		<p>Edited April/12/2023</p>	
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6/163 ELECTRIC POWER ASSISTED STEERING EPAS

4/338 VEHICLE COMPUTATIONAL UNIT 1 VCU1

4/338 VEHICLE COMPUTATIONAL UNIT 1 VCU1

4/68 STEERING ANGLE SENSOR MODULE SAS

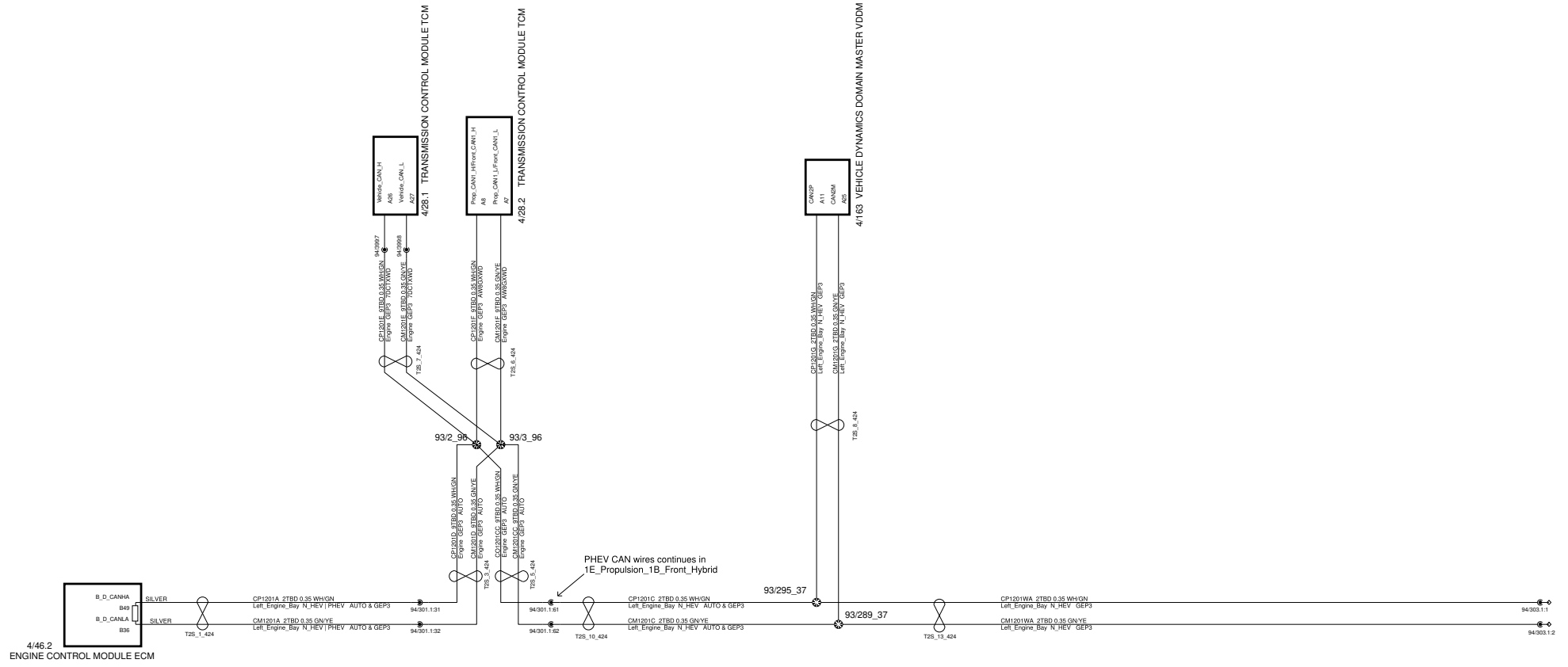
4/247 STEERING WHEEL MODULE SWM

4/197 ELECTRONIC GEAR SELECTOR MODULE EGSM

4/68 STEERING ANGLE SENSOR MODULE SAS

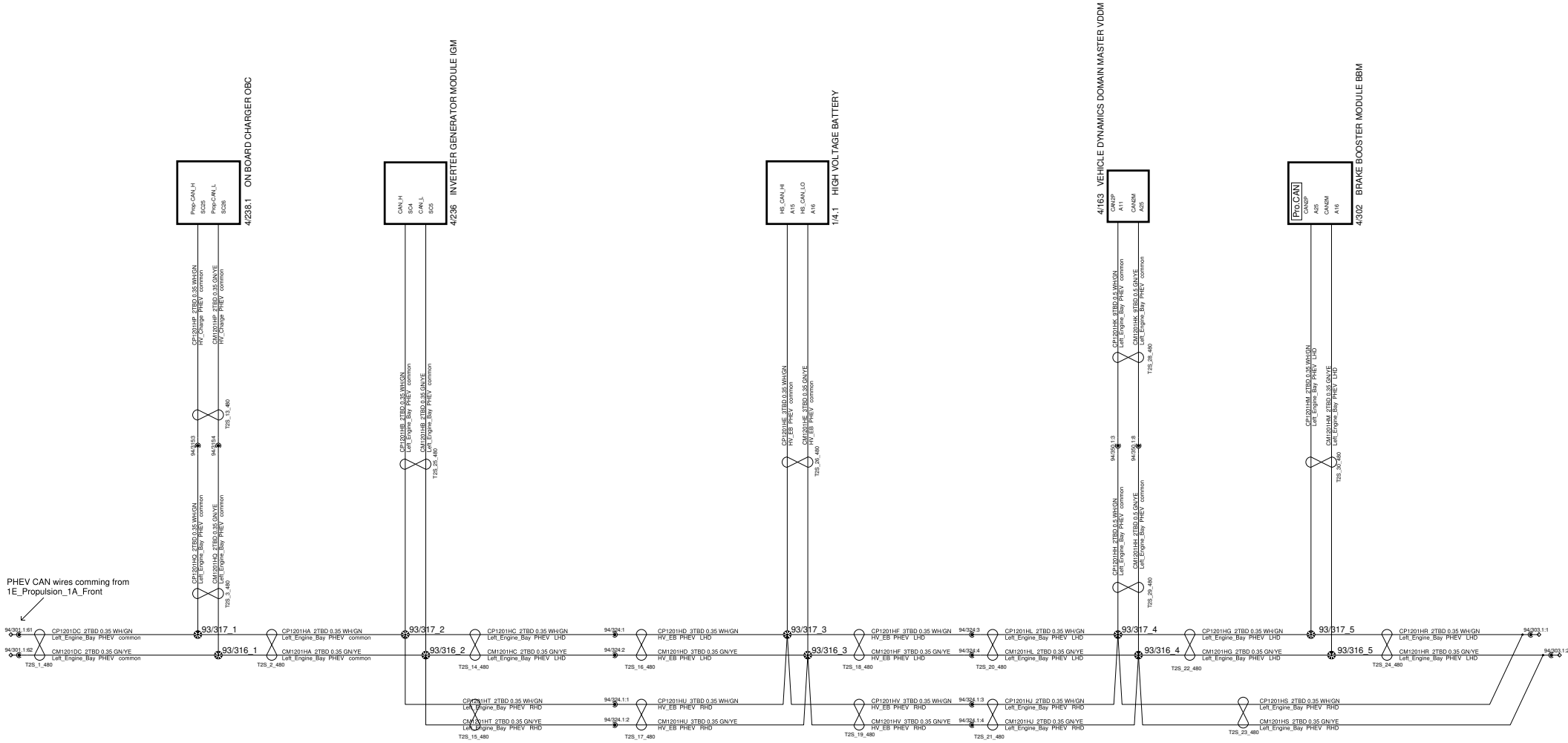
4/102 STEERING COLUMN LOCK SCL

1E Propulsion CAN Front



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	<p>Document Type DRAW/ELSY</p>	<p>Release Status RELEASED</p>
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	<p>Issue 035</p>	<p>Page No 26/146</p>

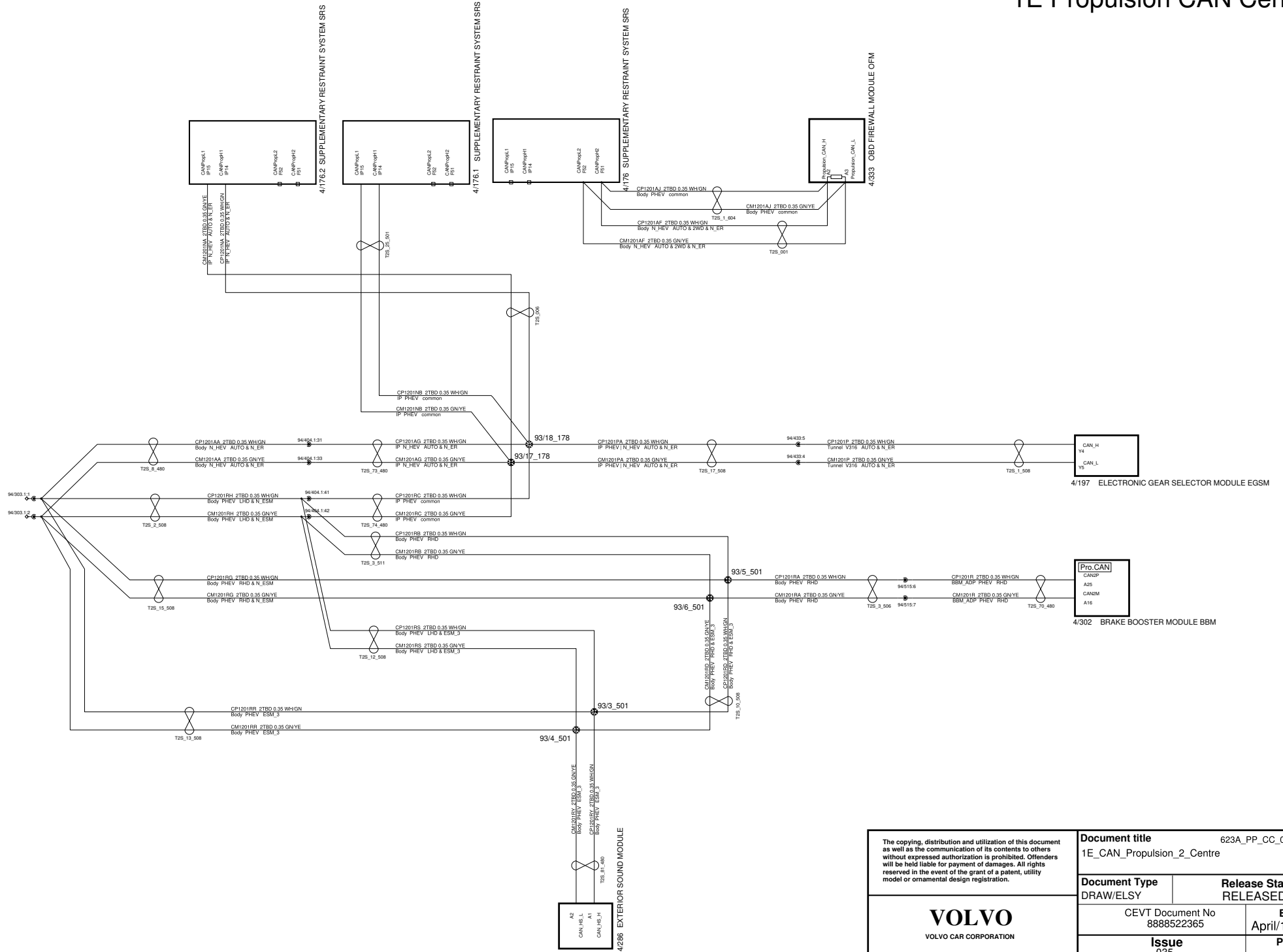
1E Propulsion CAN Front Hybrid



PHEV CAN wires coming from 1E_Propulsion_1A_Front

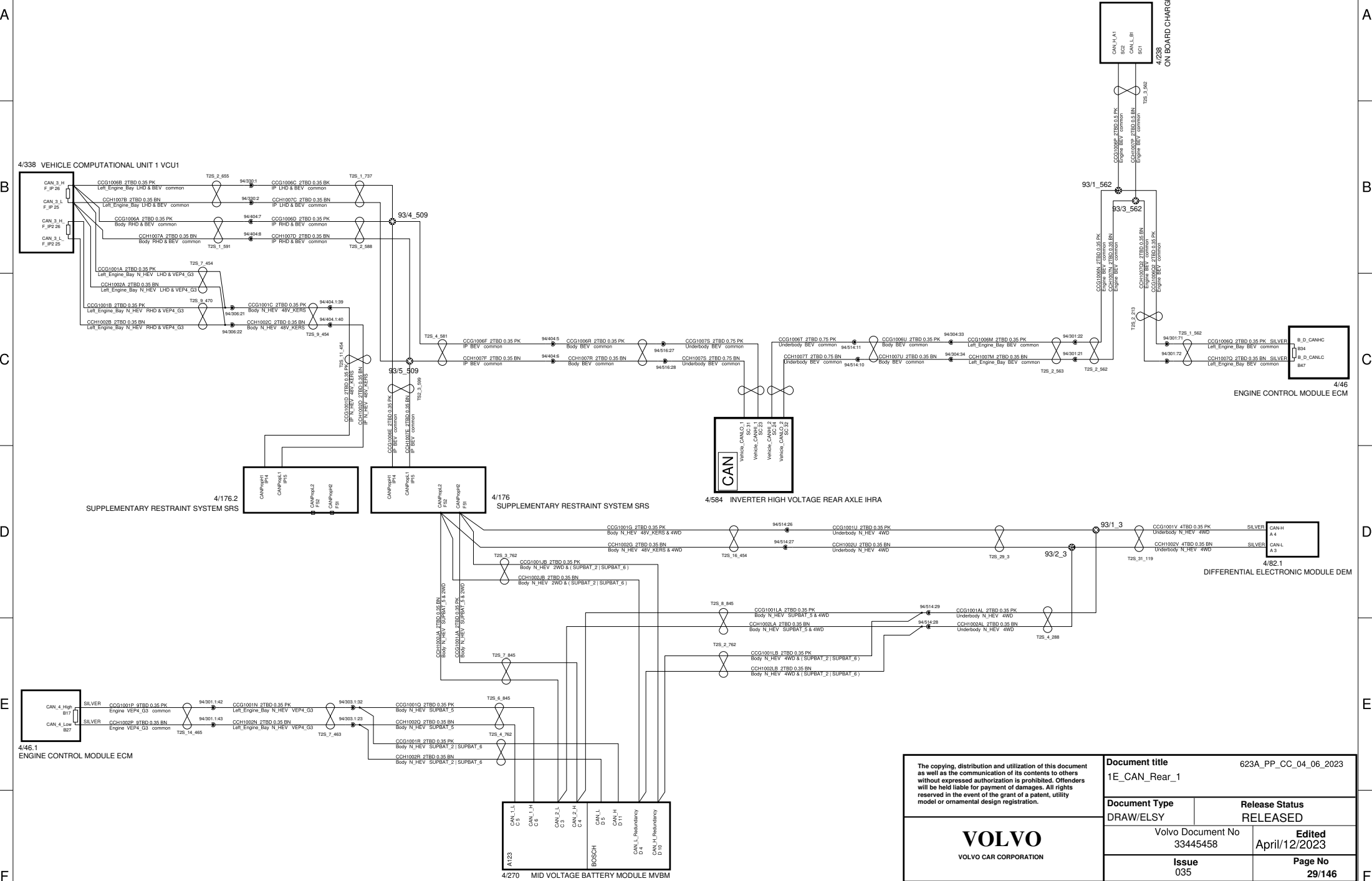
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	<p>CEVT Document No 8888522365</p>		<p>Edited March/29/2023</p>	
	<p>Issue 035</p>		<p>Page No 27/146</p>	

1E Propulsion CAN Centre



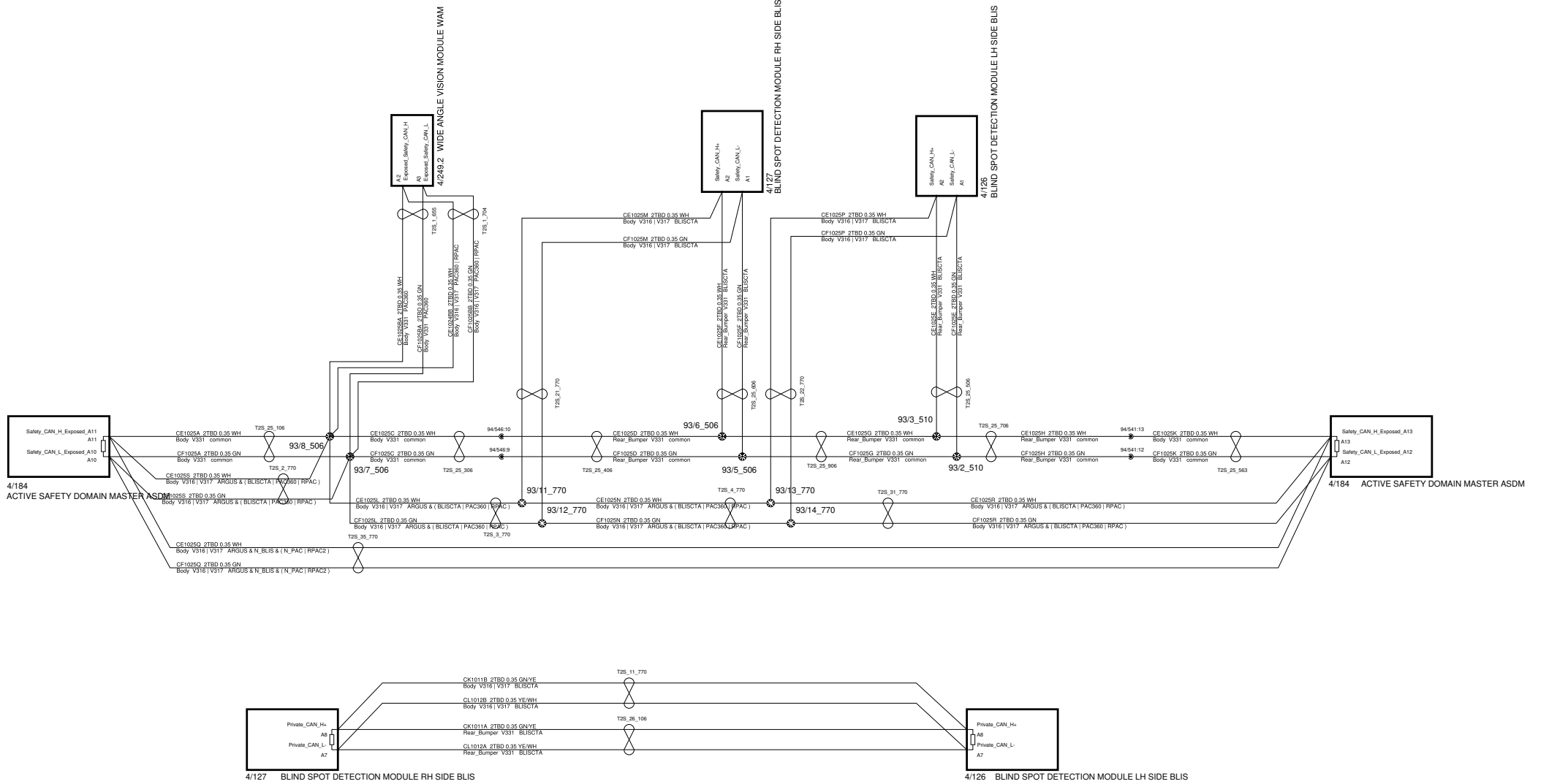
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	CEVT Document No 8888522365	Edited April/12/2023
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1E Rear 1 CAN



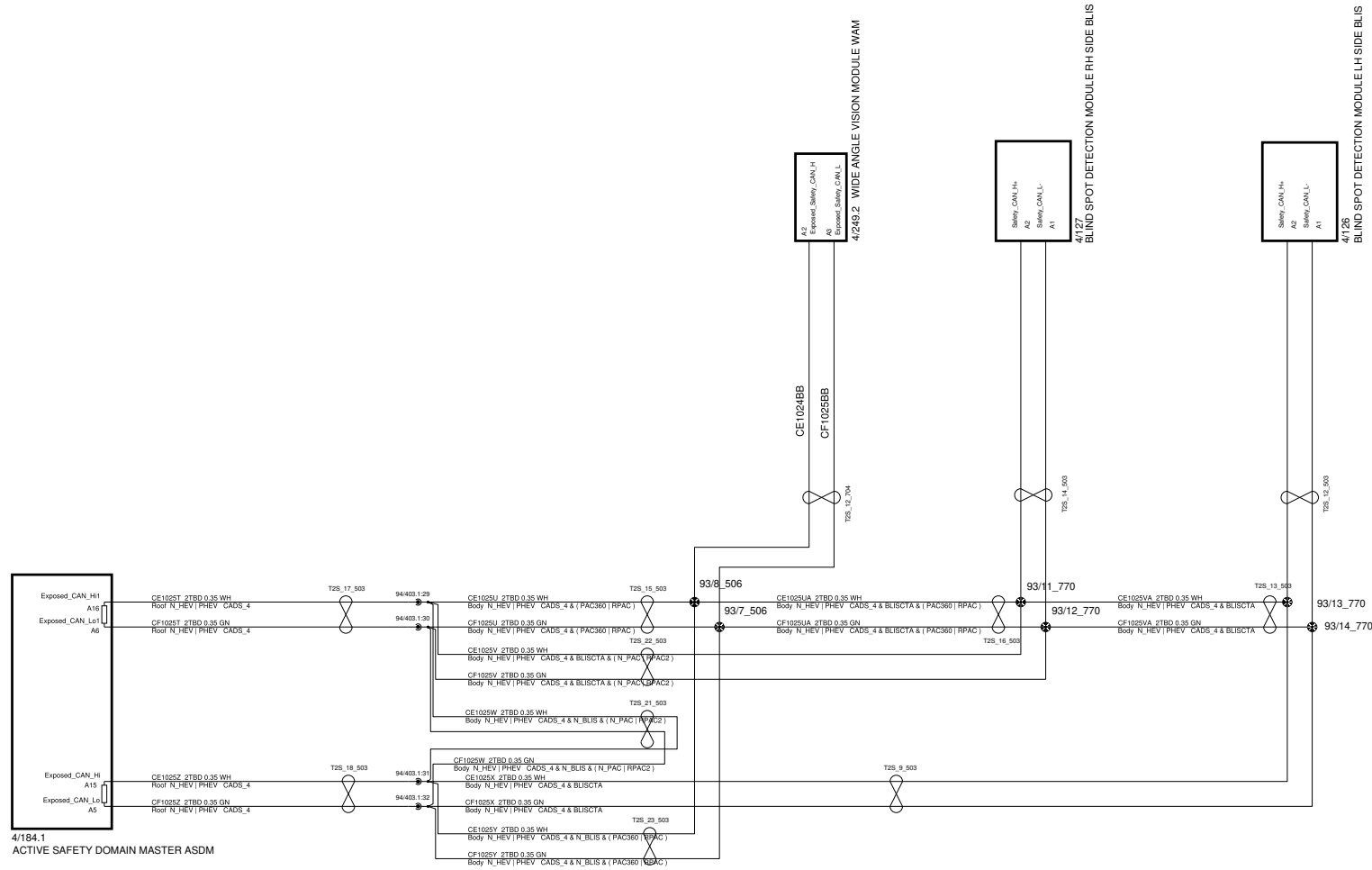
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<p>VOLVO VOLVO CAR CORPORATION</p>	Document Type	Release Status	
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	Issue	Volvo Document No 33445458	Edited April/12/2023
	035	Page No 29/146	

1E Safety CAN Exposed BEV 48V KERS

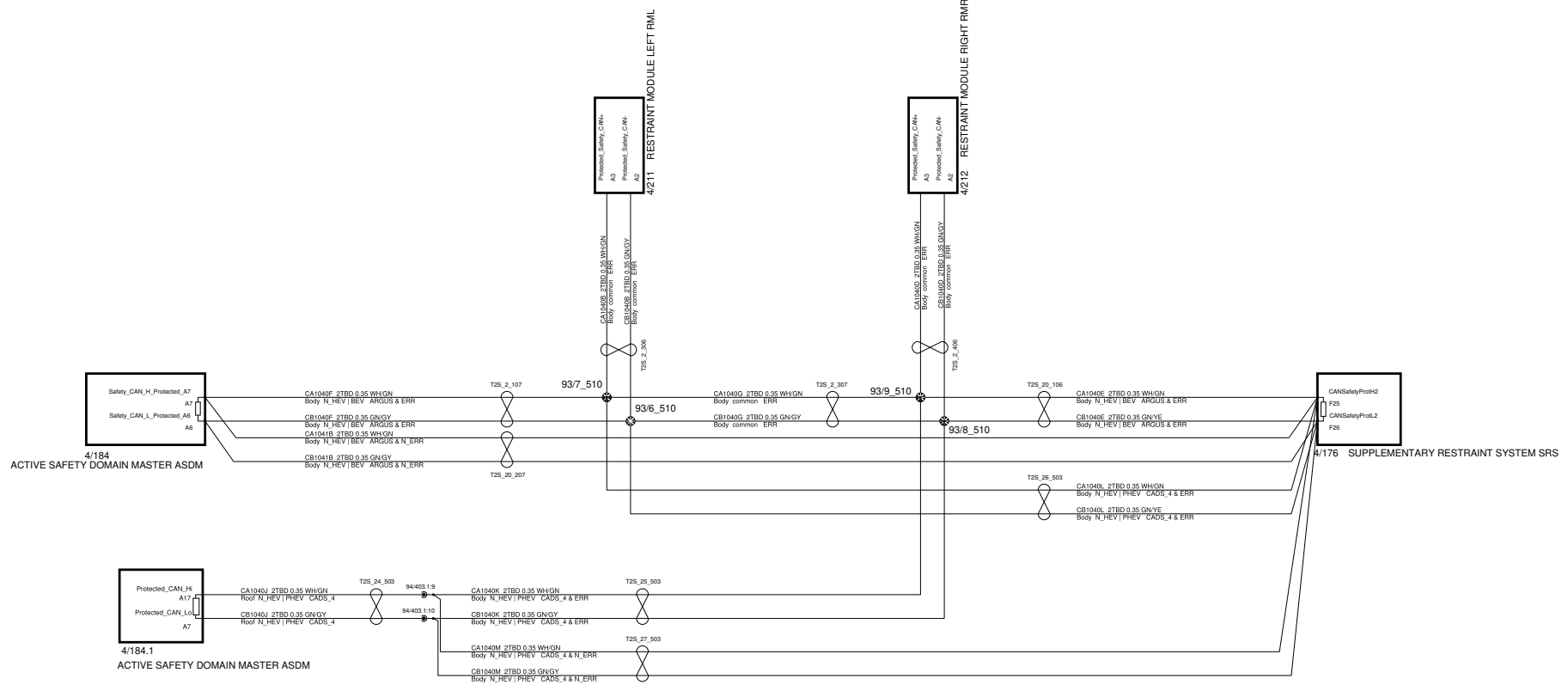


VOLVO VOLVO CAR CORPORATION	Document title 623A_PP_CC_04_06_2023 1E_CAN_Safety_Exposed_BEV_48V_KERS	
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1E Safety CAN Exposed ICE PHEV

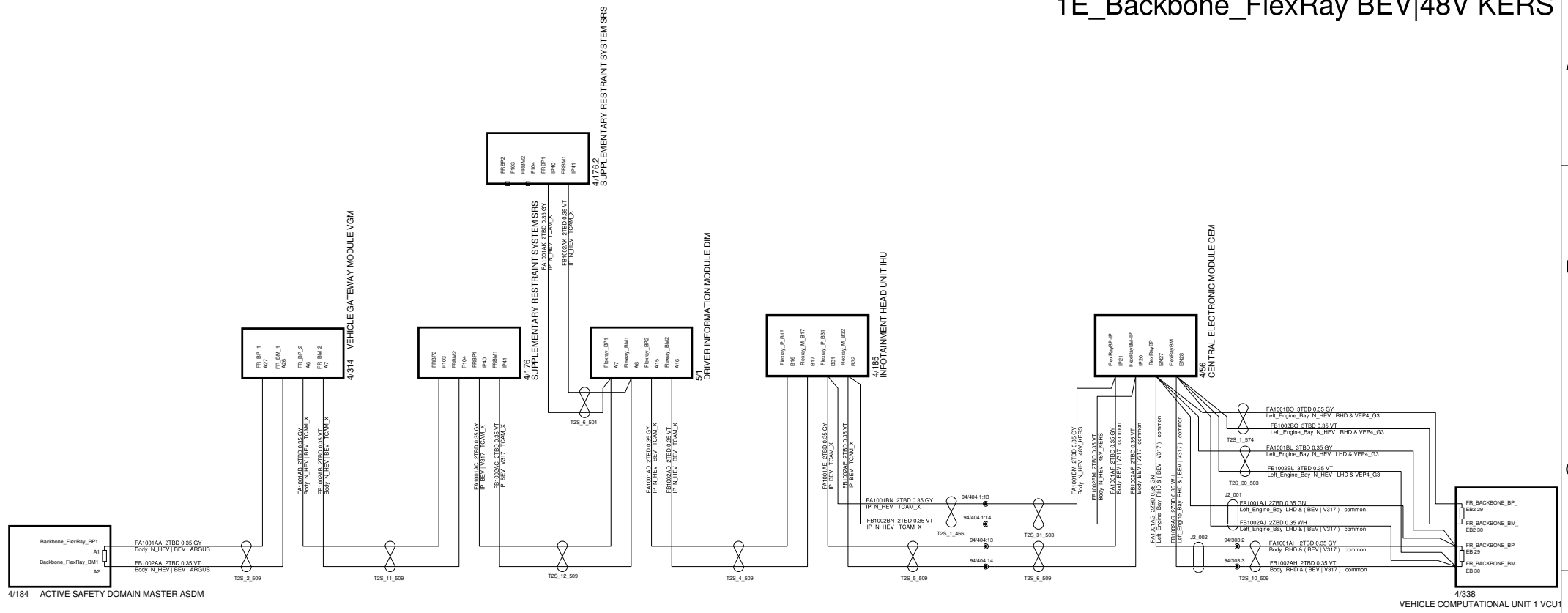


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	<p>Issue 035</p>	<p>Page No 31/146</p>



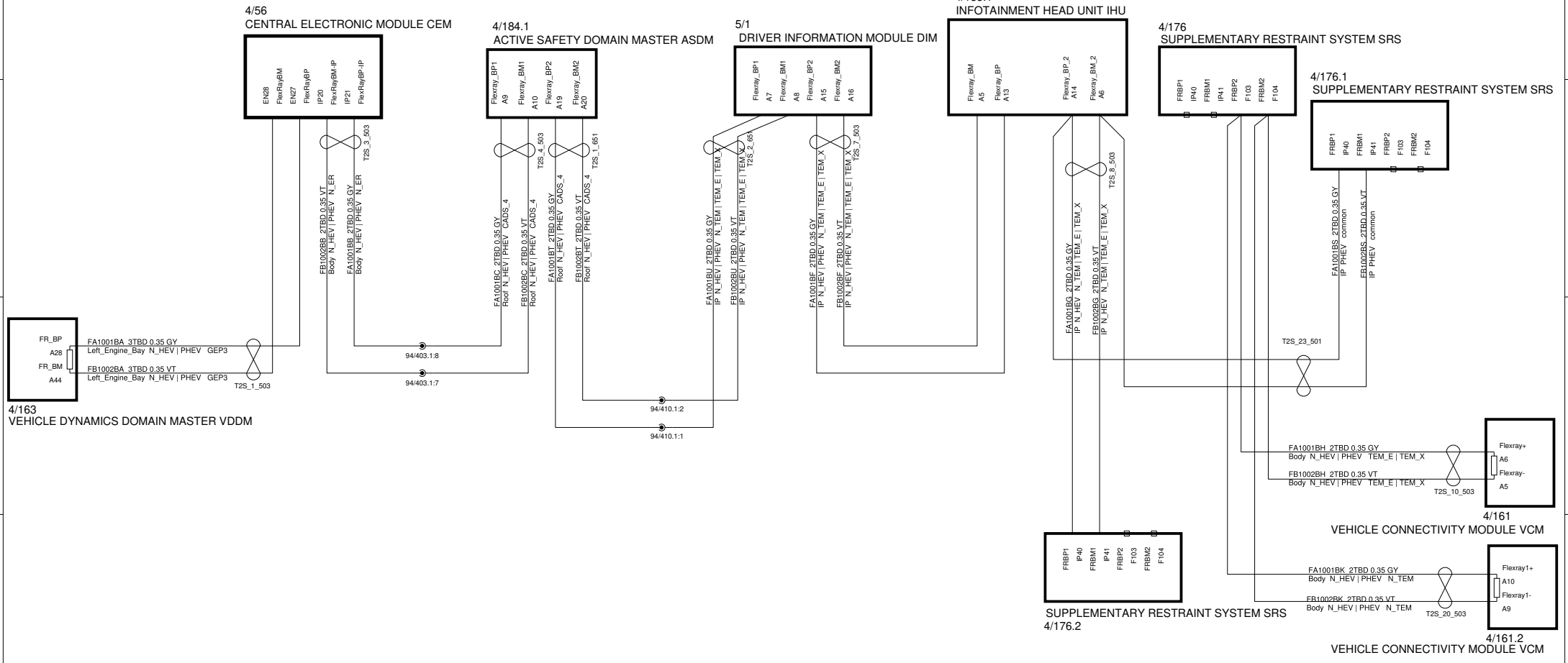
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	<p>Document Type DRAW/ELSY</p>	<p>Release Status RELEASED</p>
	<p>Volvo Document No 33445458</p>	<p>Edited March/15/2023</p>
	<p>Issue 035</p>	<p>Page No 32/146</p>


1E_Backbone_FlexRay BEV|48V KERS



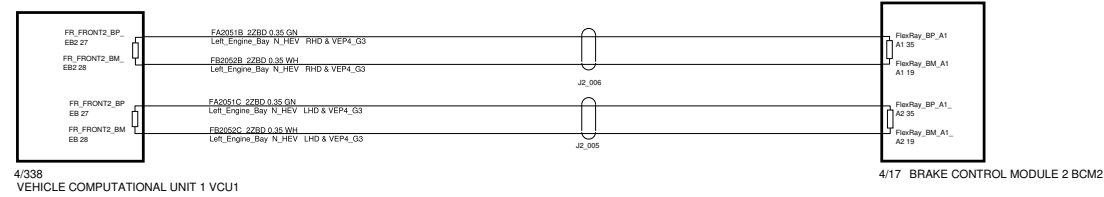
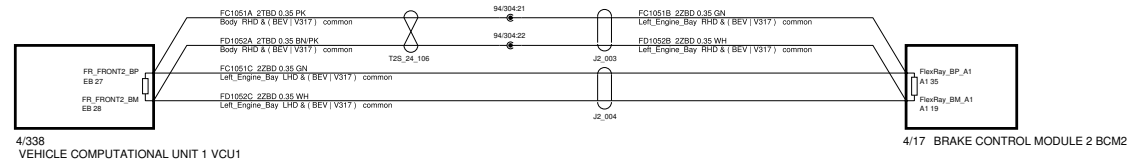
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	Document Type DRAW/ELSY	Release Status RELEASED
	Volvo Document No 33445458	Edited April/12/2023
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1E_Backbone_FlexRay_ICE|PHEV



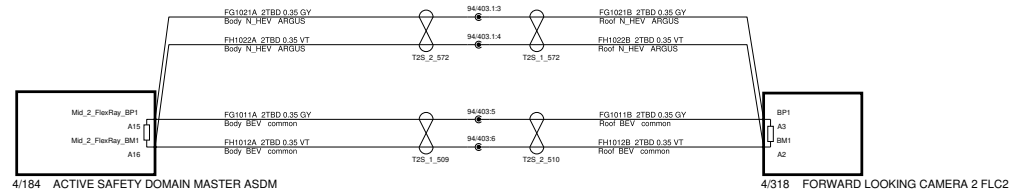
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	1E_FlexRay_Backbone_ICE_PHEV	
	Document Type DRAW/ELSY	Release Status RELEASED
	CEVT Document No 8888522365	Edited April/12/2023
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1E Front 2 FlexRay



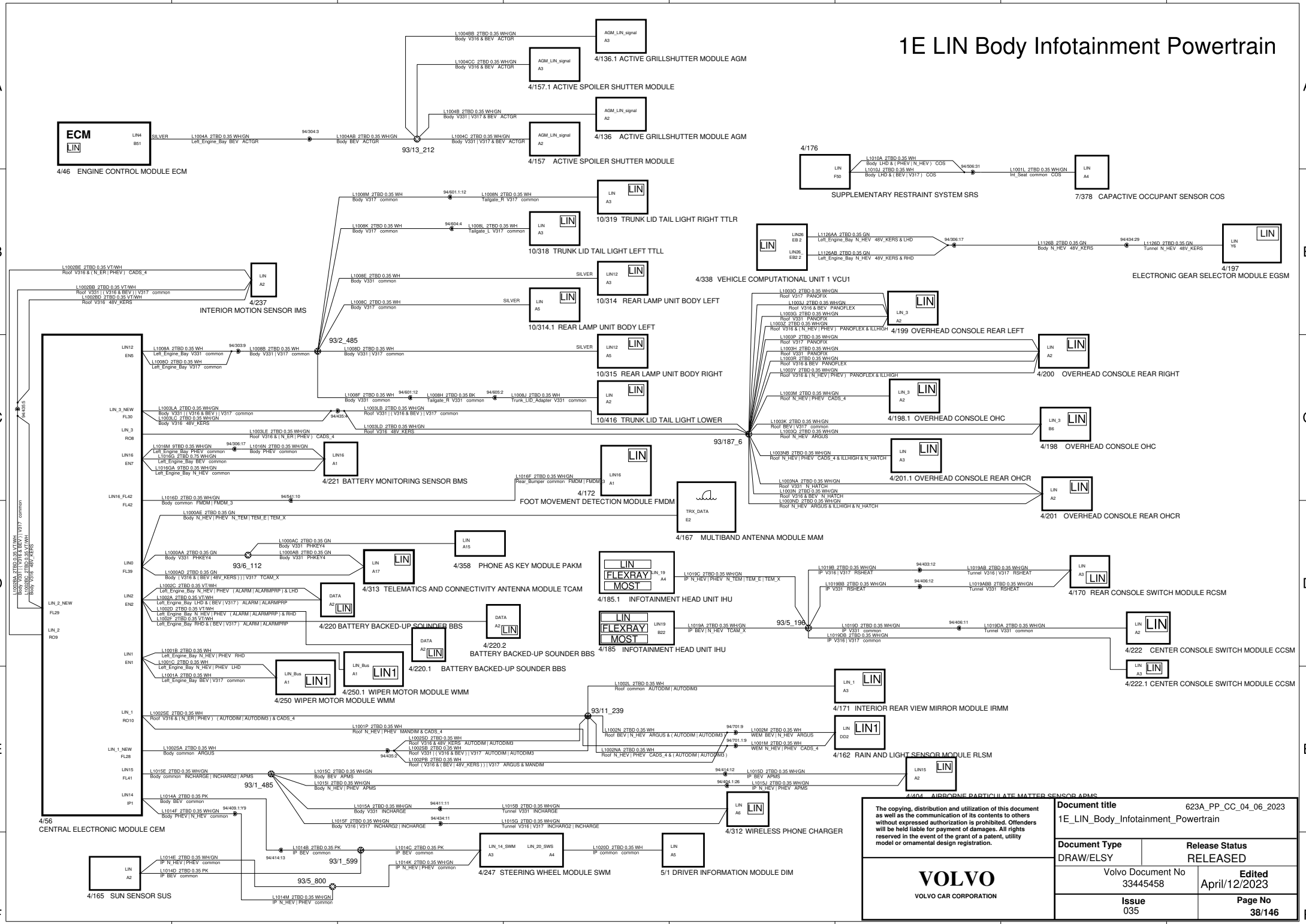
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	<p>Volvo Document No 33445458</p>	<p>Edited March/15/2023</p>
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1E Mid 2 FlexRay



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	Document Type DRAW/ELSY	Release Status RELEASED
	Volvo Document No 33445458	Edited March/15/2023
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1E LIN Body Infotainment Powertrain

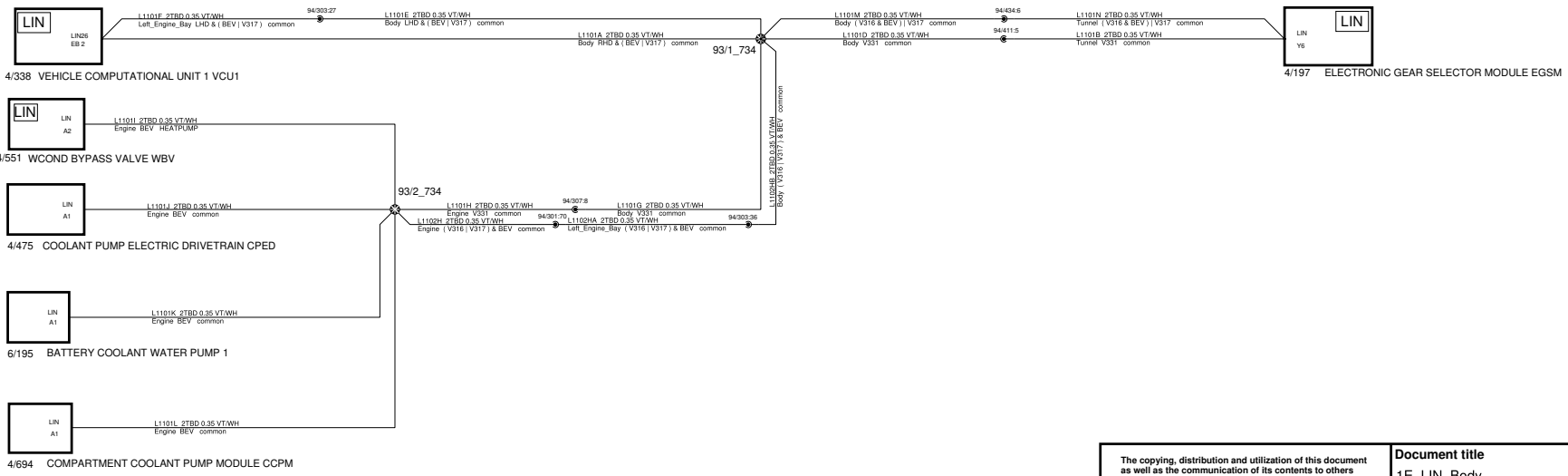
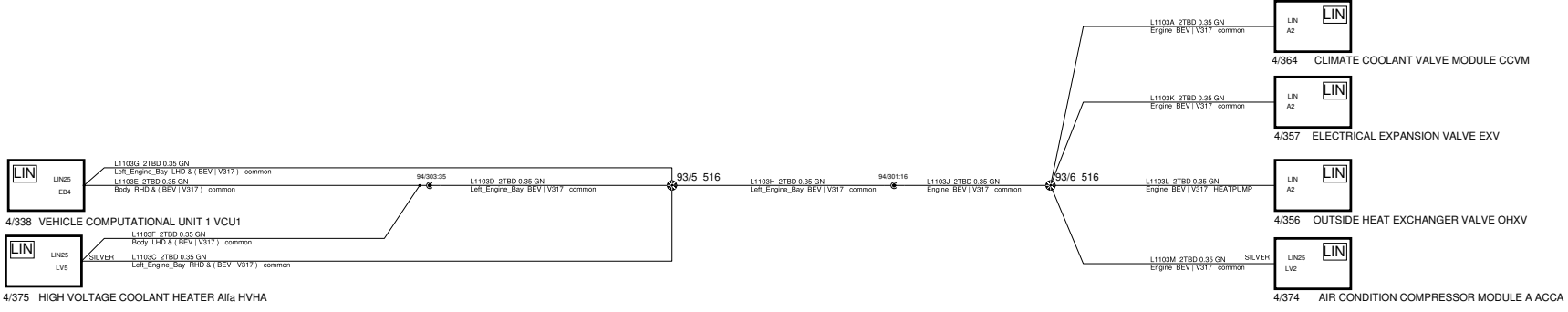


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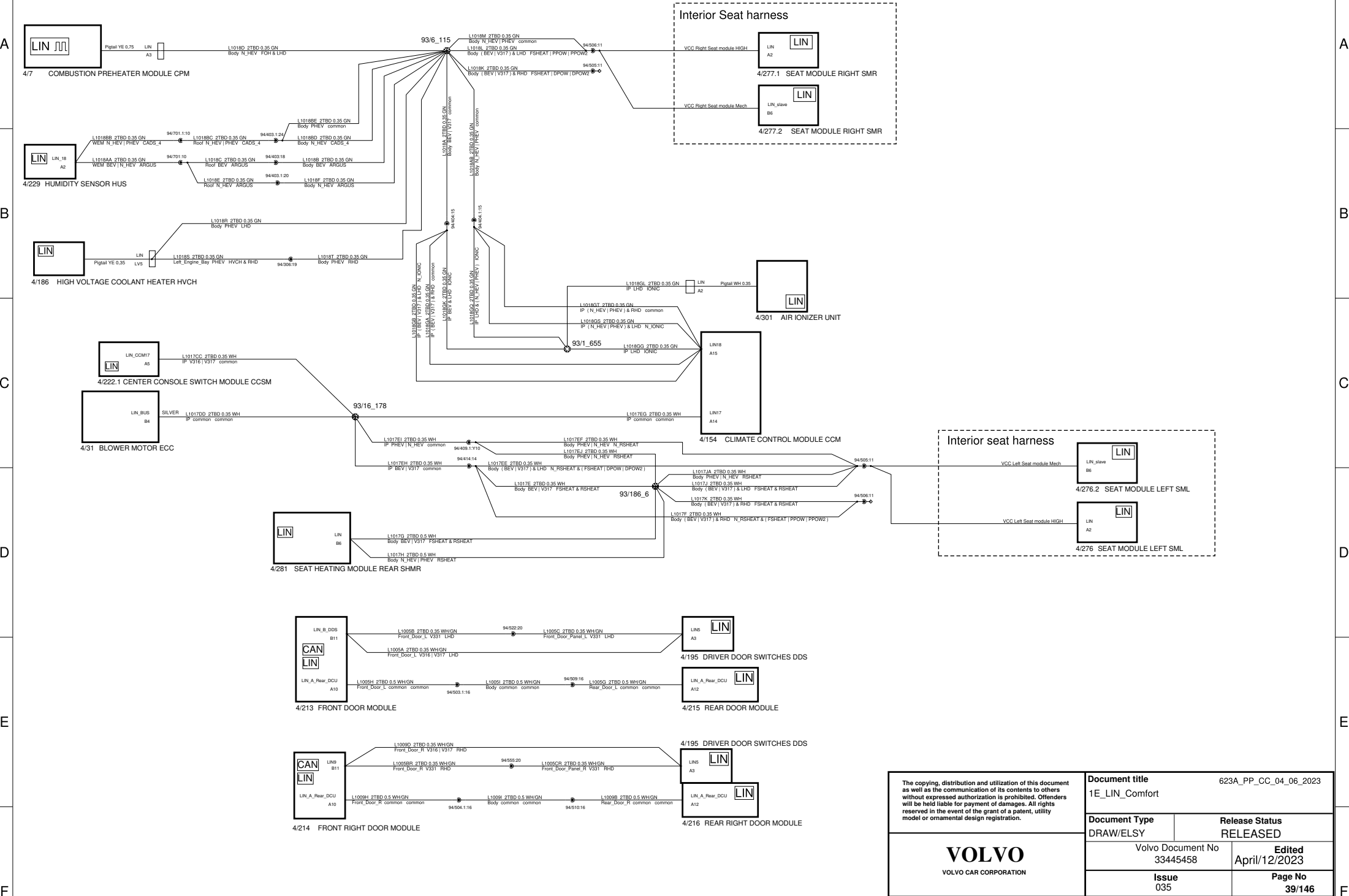
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Document Type	Release Status		
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035	33445458	April/12/2023	
		Page No	
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1E LIN Body

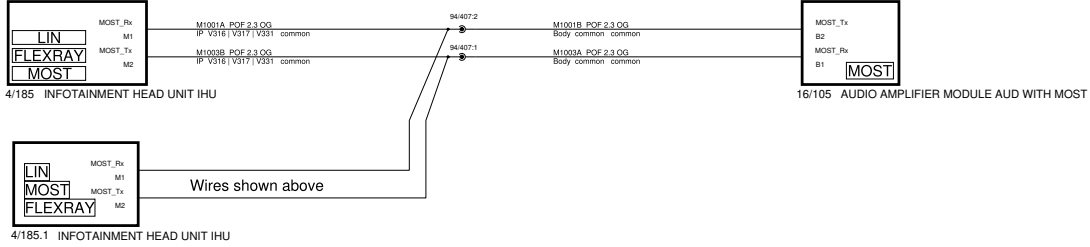


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		<p>Issue: 035</p>	<p>Page No: 37/146</p>

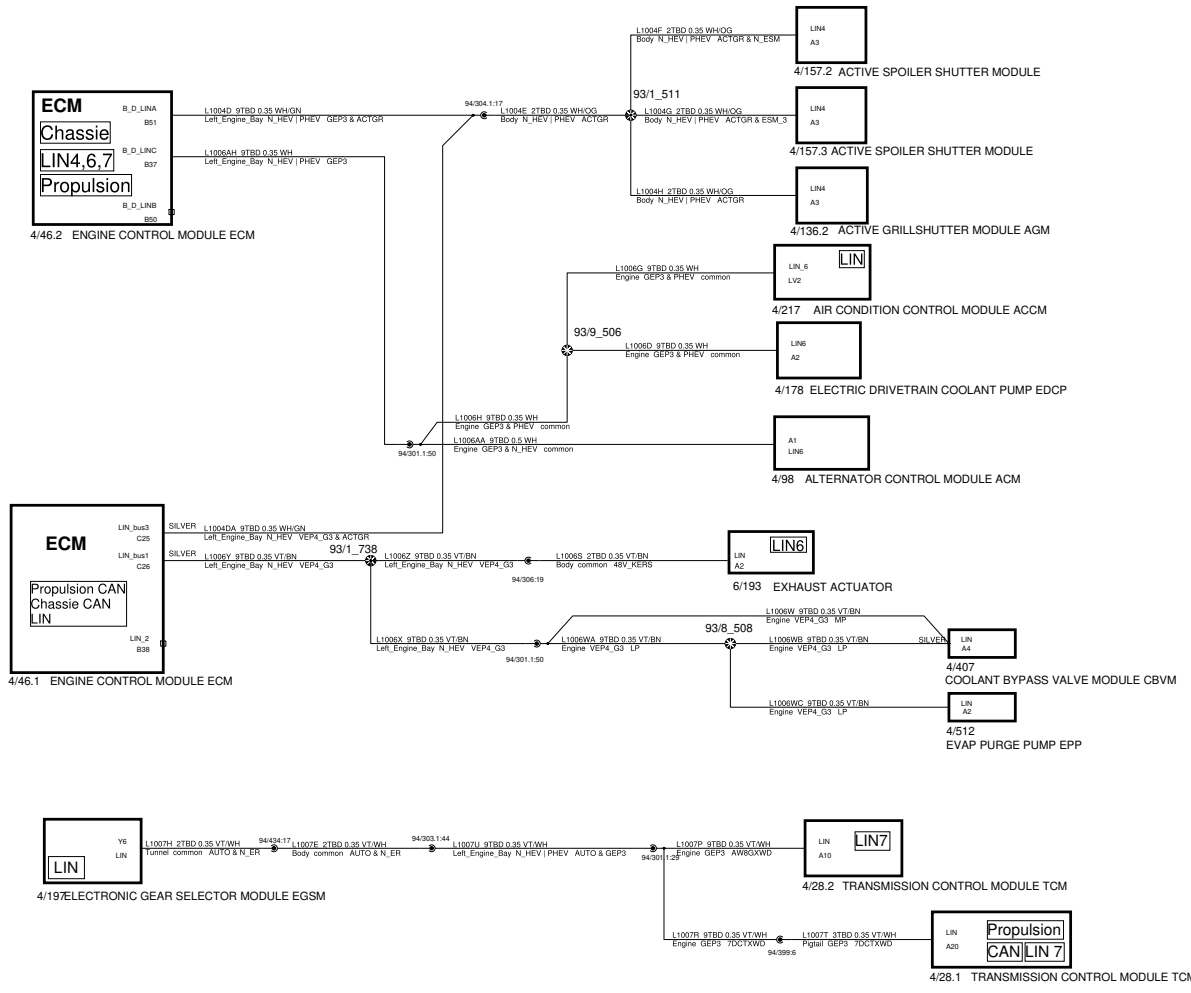
1E LIN Comfort



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	1E_LIN_Comfort		
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	Volvo Document No 33445458	Edited April/12/2023	
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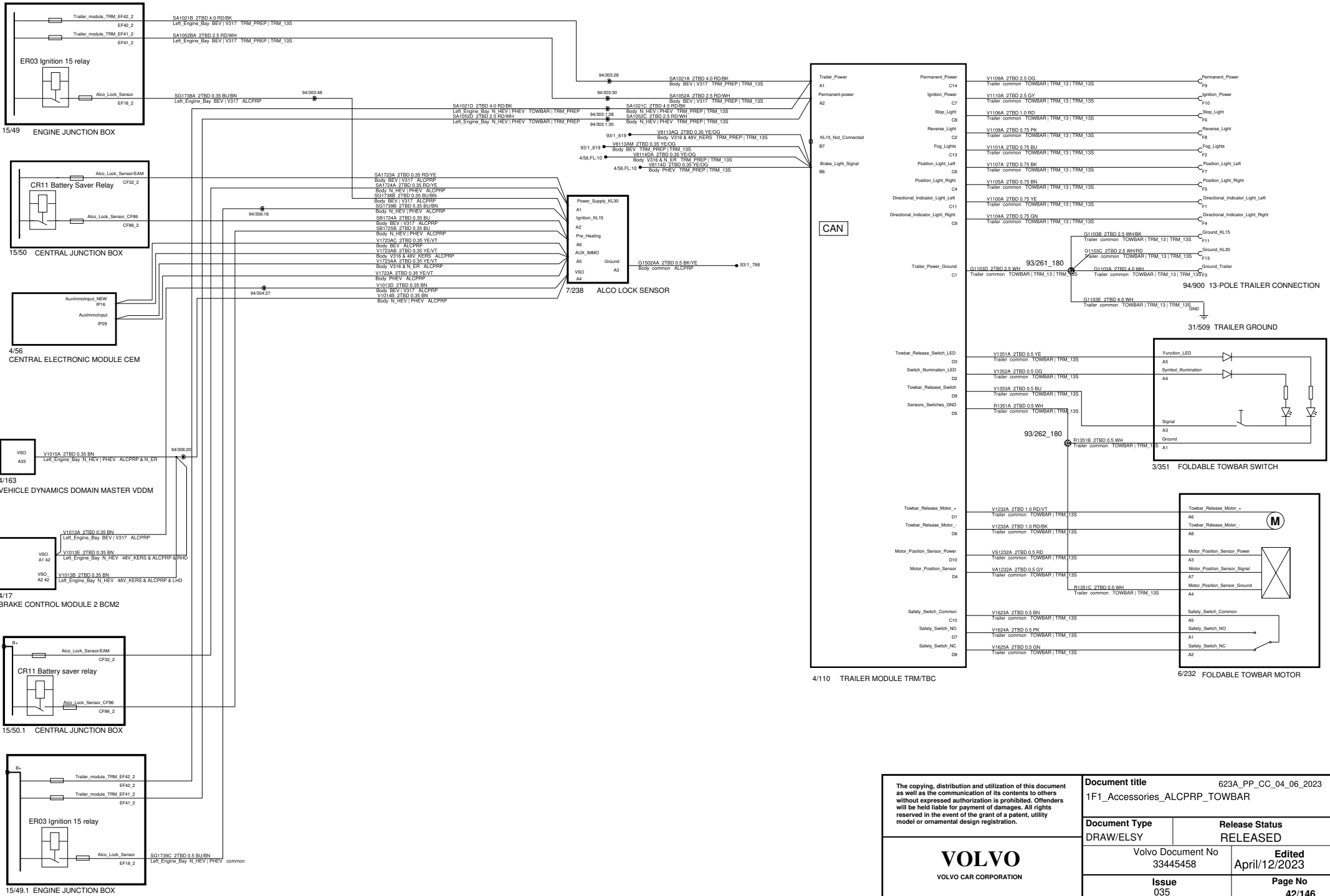


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	<p>Document Type DRAW/ELSY</p>	<p>Release Status RELEASED</p>
	<p>Volvo Document No 33445458</p>	<p>Edited November/01/2021</p>
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	<p>Document Type DRAW/ELSY</p>	<p>Release Status RELEASED</p>
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	<p>Issue 035</p>	<p>Page No 41/146</p>

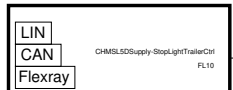
1F Accessories Preparation



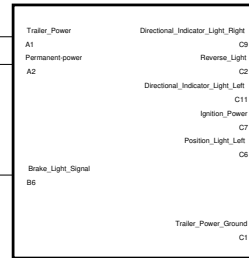
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		<p>Issue 035</p>	<p>Page No 42/146</p>



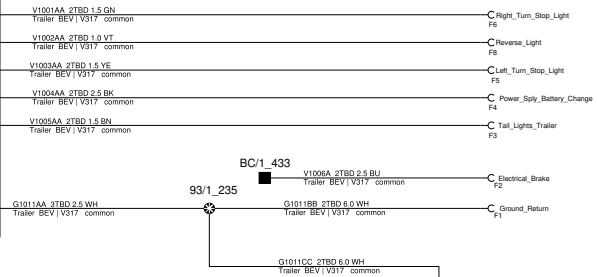
15/49 ENGINE JUNCTION BOX



4/56 CENTRAL ELECTRONIC MODULE CEM



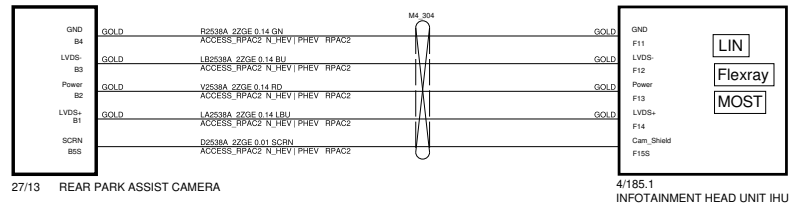
4/110 TRAILER MODULE TRM/TBC



94/900.1
4/7-POLE TRAILER CONNECTION

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	<p>Issue 035</p>	<p>Page No 43/146</p>

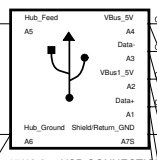
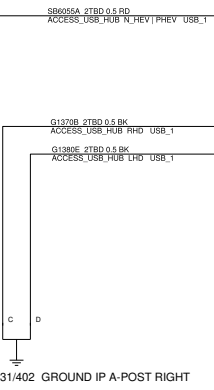
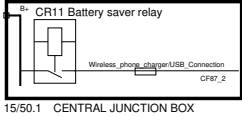
1F3 Accessories Rear Park Assist Camera



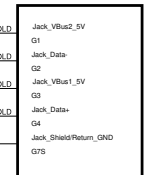
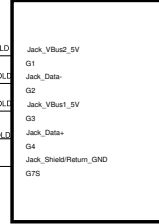
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	Document Type DRAW/ELSY	Release Status RELEASED
	CEVT Document No 8888522365	Edited November/01/2021
	Issue 035	Page No 44/146

1F4 Accessories USB Hub Installation Aftermarket

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

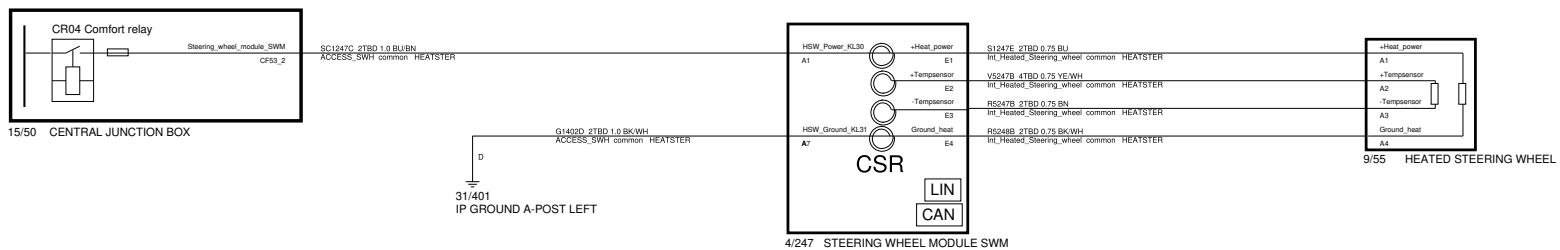


Wires shown on 7A Infotainment page



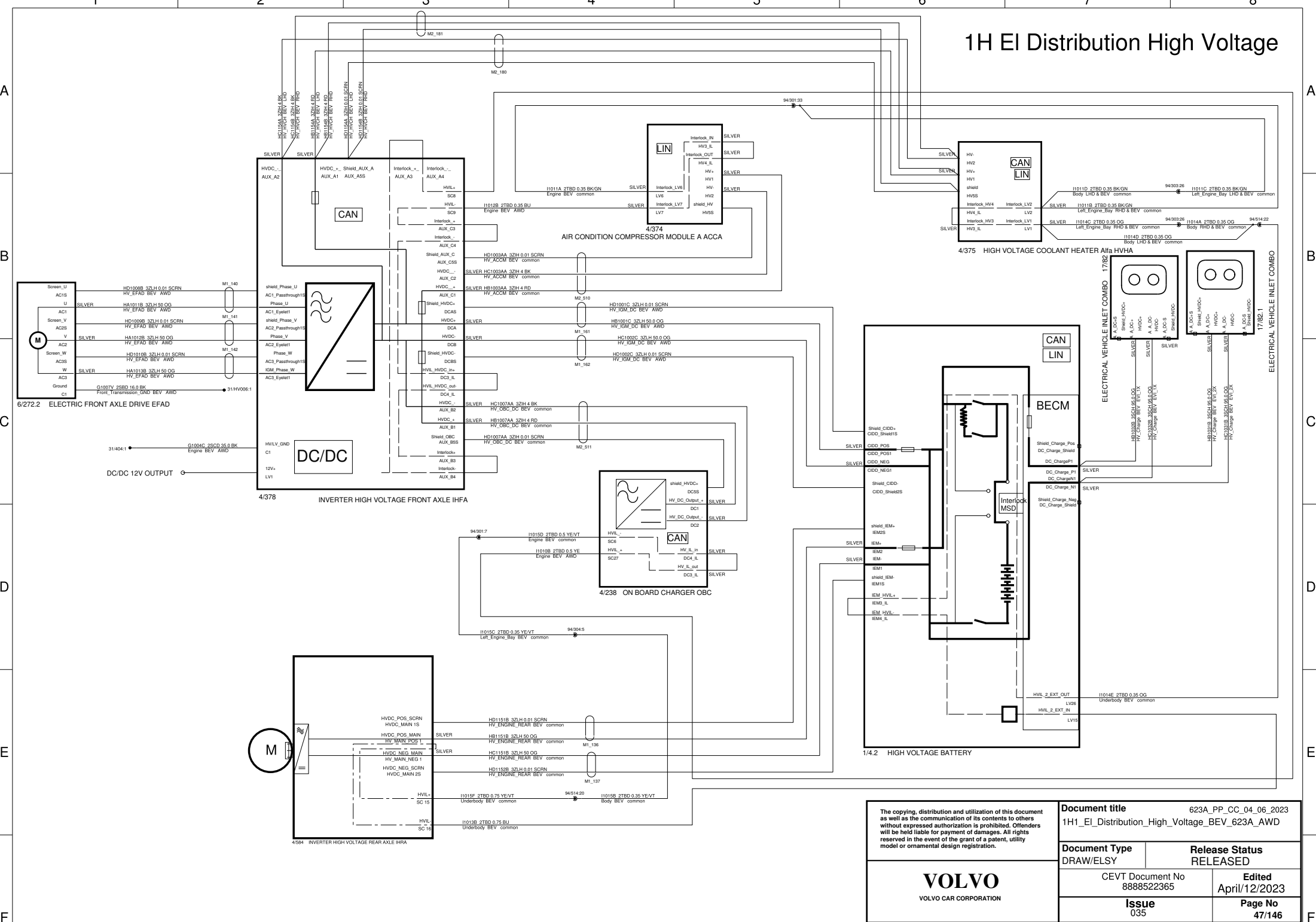
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	<p>Document Type DRAW/ELSY</p>	<p>Release Status RELEASED</p>
	<p>CEVT Document No 8888522365</p>	<p>Edited November/01/2021</p>
	<p>Issue 035</p>	<p>Page No 45/146</p>

1F5 Accessories Steering Wheel Heating



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	<p>Document Type DRAW/ELSY</p>	<p>Release Status RELEASED</p>
	<p>CEVT Document No 8888522365</p>	<p>Edited April/12/2023</p>
	<p>Issue 035</p>	<p>Page No 46/146</p>

1H EI Distribution High Voltage

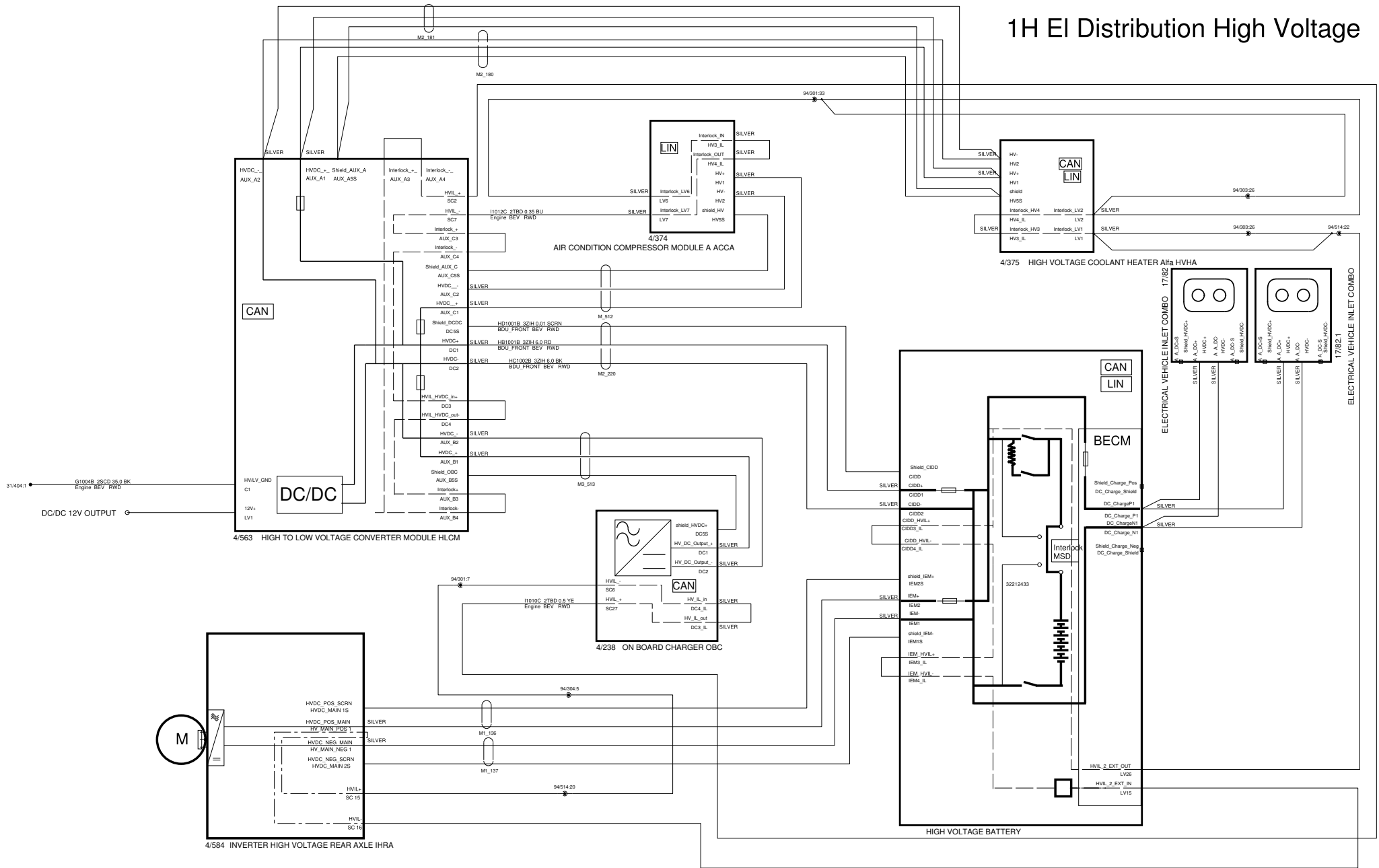


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Document title 623A_PP_CC_04_06_2023 1H1_EI_Distribution_High_Voltage_BEV_623A_AWD	
Document Type DRAW/ELSY	Release Status RELEASED
CEVT Document No 8888522365	Edited April/12/2023
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1H EI Distribution High Voltage



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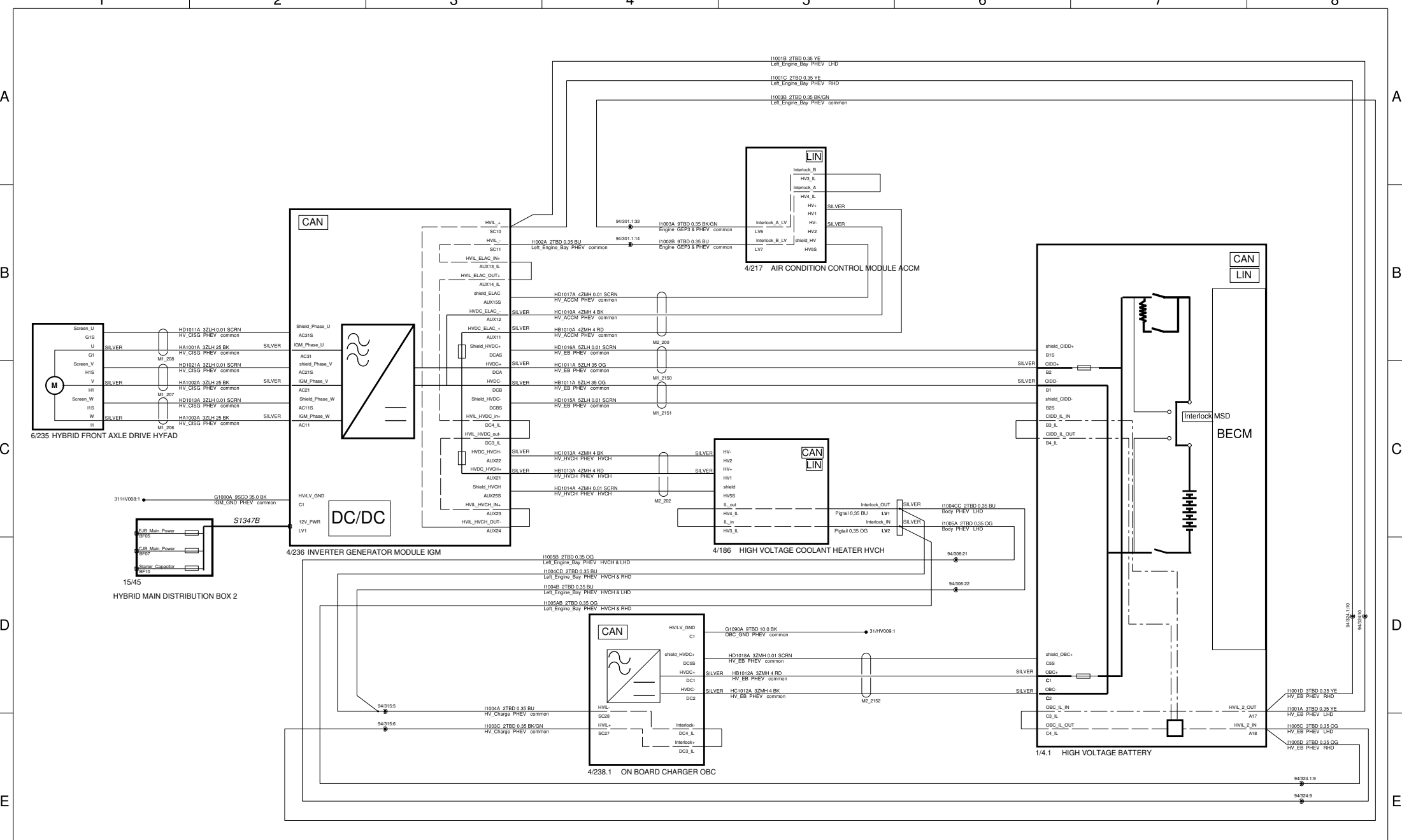
VOLVO
VOLVO CAR CORPORATION

Document title 623A_PP_CC_04_06_2023
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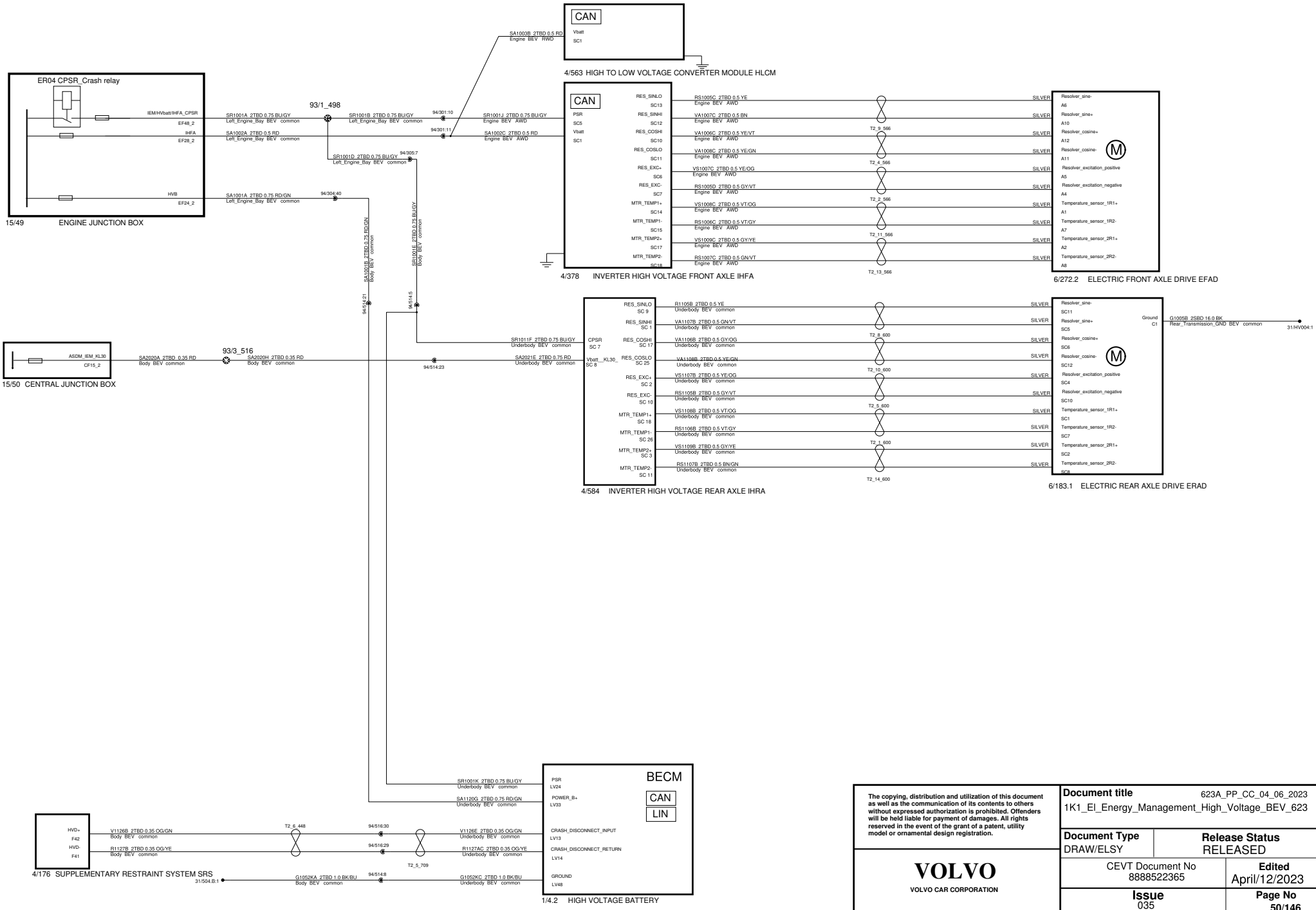
CEVT Document No 8888522365
Edited April/12/2023

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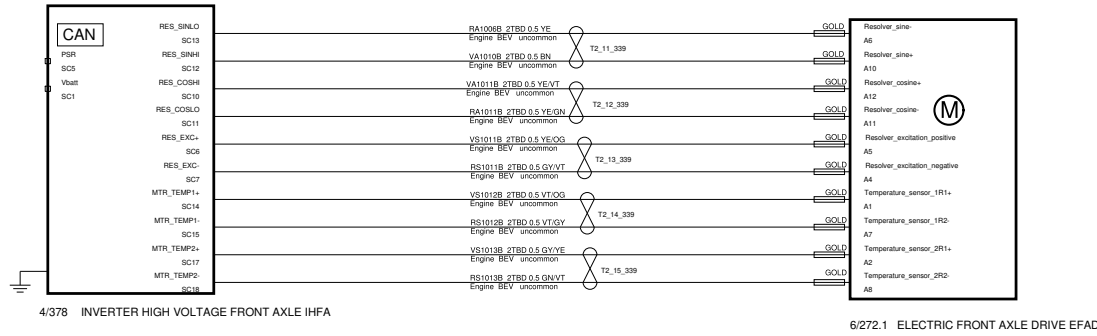
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<p>VOLVO VOLVO CAR CORPORATION</p>		<p>CEVT Document No 8888522365</p>	<p>Edited March/30/2023</p>
		<p>Issue 035</p>	<p>Page No 49/146</p>

1K EI Energy Management High Voltage 623

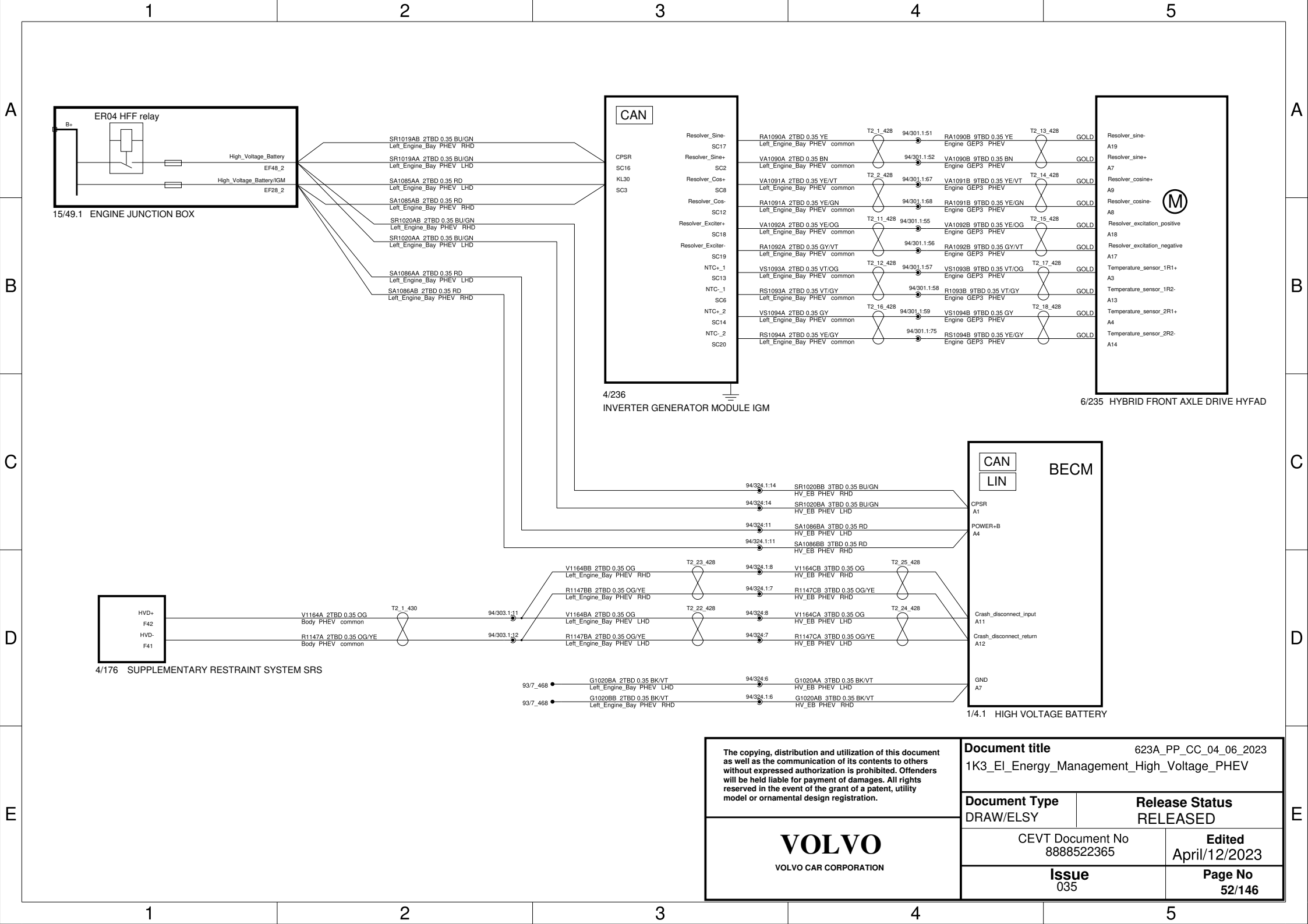


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		<p>Document Type DRAW/ELSY</p>	<p>Release Status RELEASED</p>
<p>VOLVO VOLVO CAR CORPORATION</p>		<p>CEVT Document No 8888522365</p>	<p>Edited April/12/2023</p>
		<p>Issue 035</p>	<p>Page No 50/146</p>

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



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	CEVT Document No 8888522365	Edited April/04/2023
	Issue 035	Page No 51/146

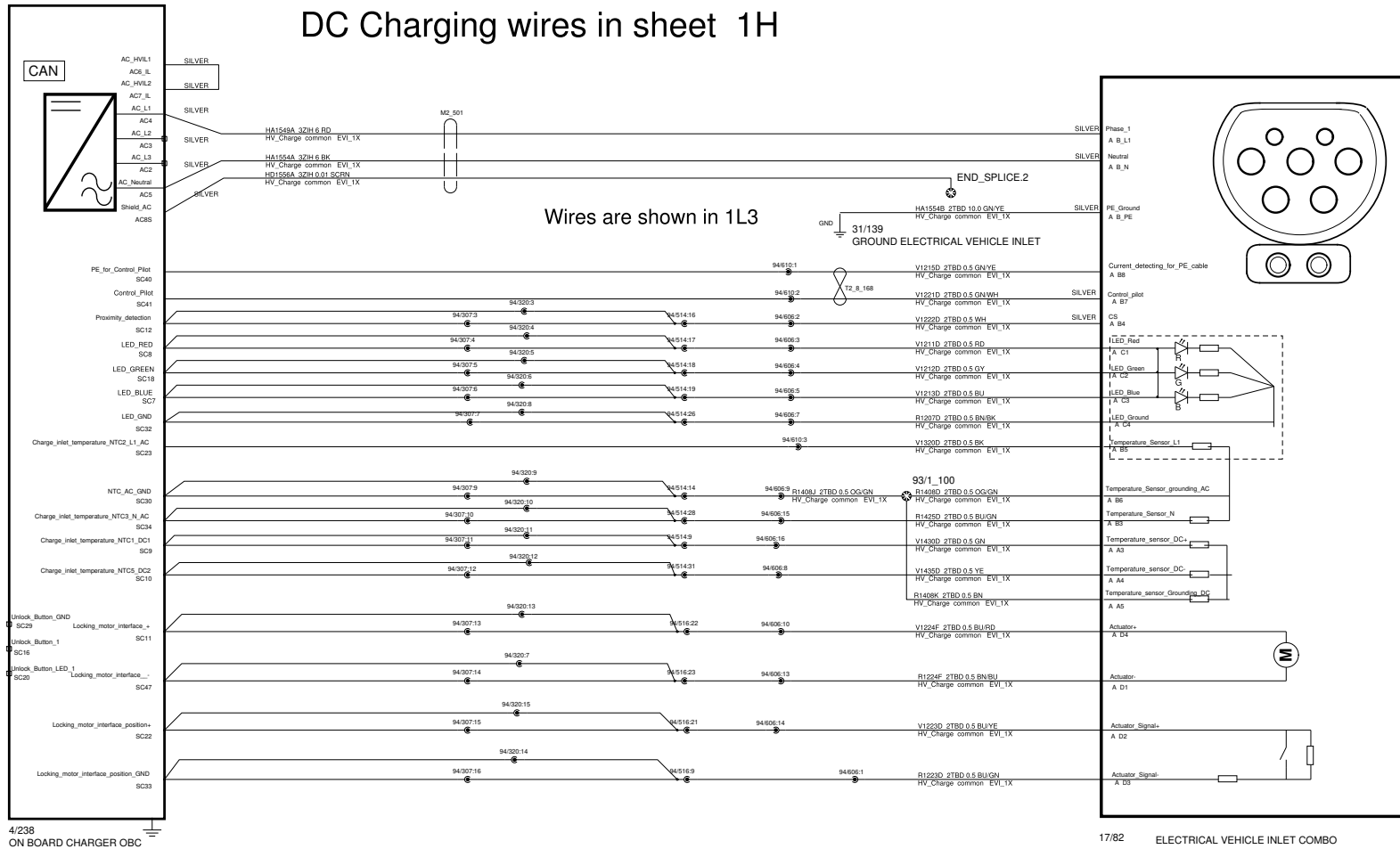


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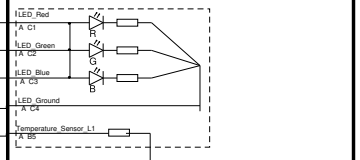
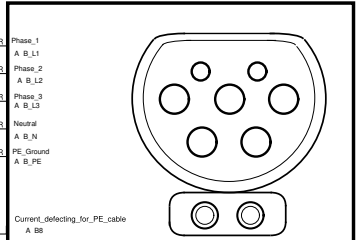
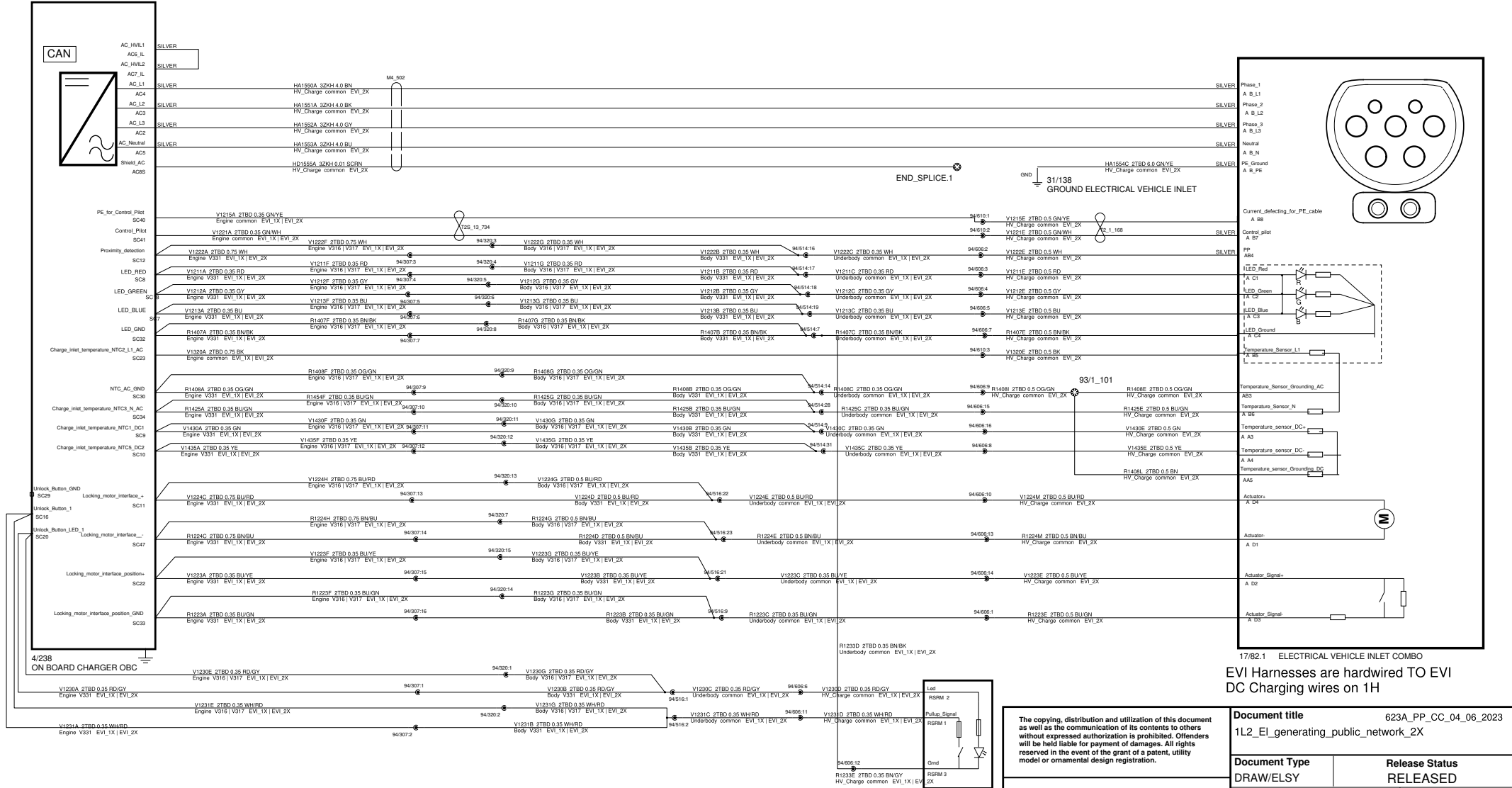
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Document Type		Release Status	
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CEVT Document No		Edited	
8888522365		April/12/2023	
Issue		Page No	
035		52/146	

DC Charging wires in sheet 1H



<p>VOLVO VOLVO CAR CORPORATION</p>	<p>Document title 623A_PP_CC_04_06_2023 1L1_EI_generating_public_network_1X</p>	
	<p>Document Type DRAW/ELSY</p>	<p>Release Status RELEASED</p>
	<p>CEVT Document No 8888522365</p>	<p>Edited March/21/2023</p>
	<p>Issue 035</p>	<p>Page No 53/146</p>

1L3 EI generating public network



EVI Harnesses are hardwired TO EVI DC Charging wires on 1H

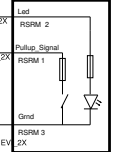
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Document title: 623A_PP_CC_04_06_2023
1L2_EI_generating_public_network_2X

Document Type	Release Status
DRAW/ELSY	RELEASED
Volvo Document No 33445458	Edited April/12/2023
Issue 035	Page No 54/146

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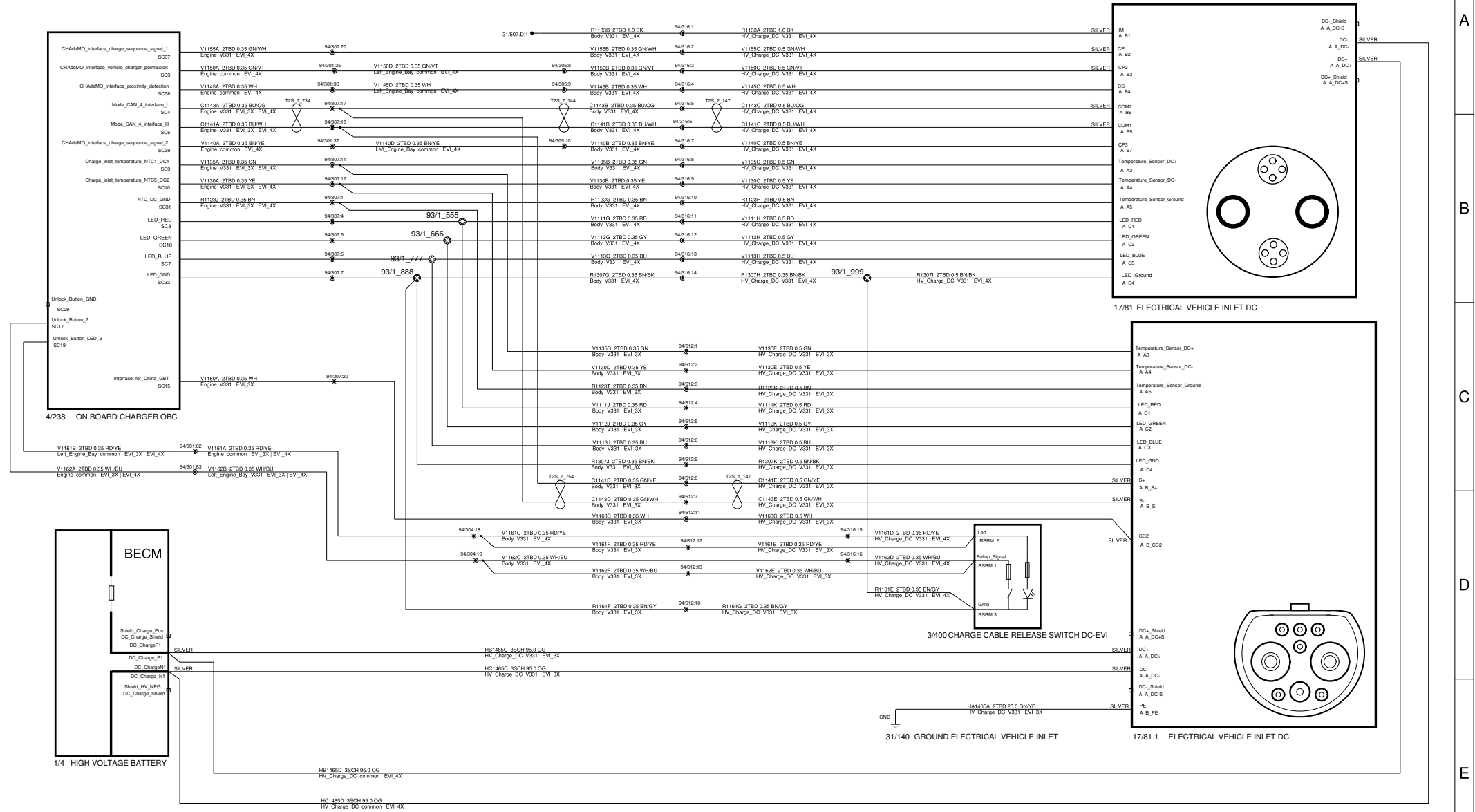
3/447
CHARGE CABLE RELEASE SWITCH



1L4 EI generating public network

EVI harnesses are hardwired to EVI

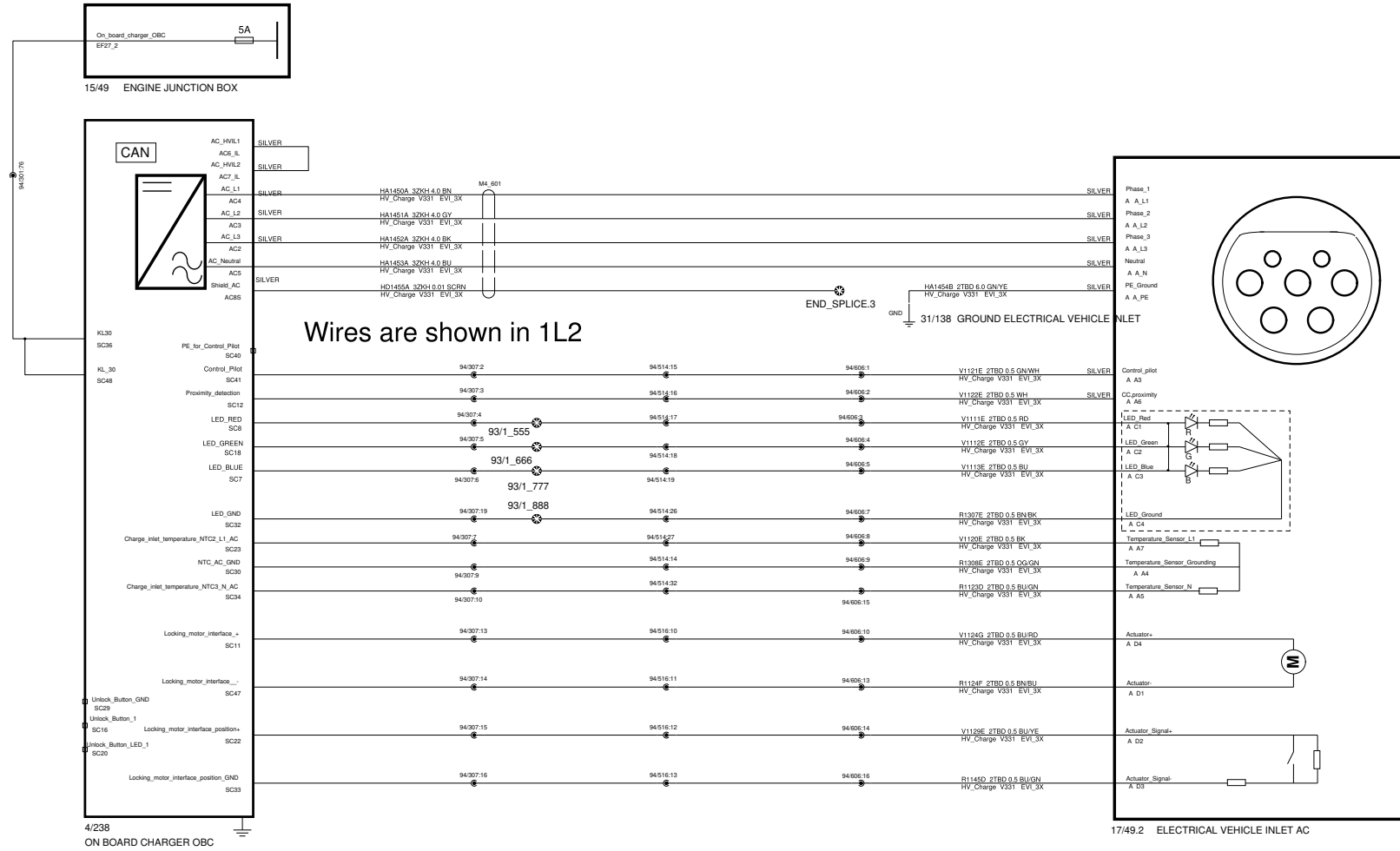
GROUND ELECTRICAL VEHICAL INLET



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<p>Document Type DRAW/ELSY</p>		<p>Release Status RELEASED</p>	
<p>CEVT Document No 8888522365</p>		<p>Edited April/12/2023</p>	
<p>Issue 035</p>		<p>Page No 55/146</p>	

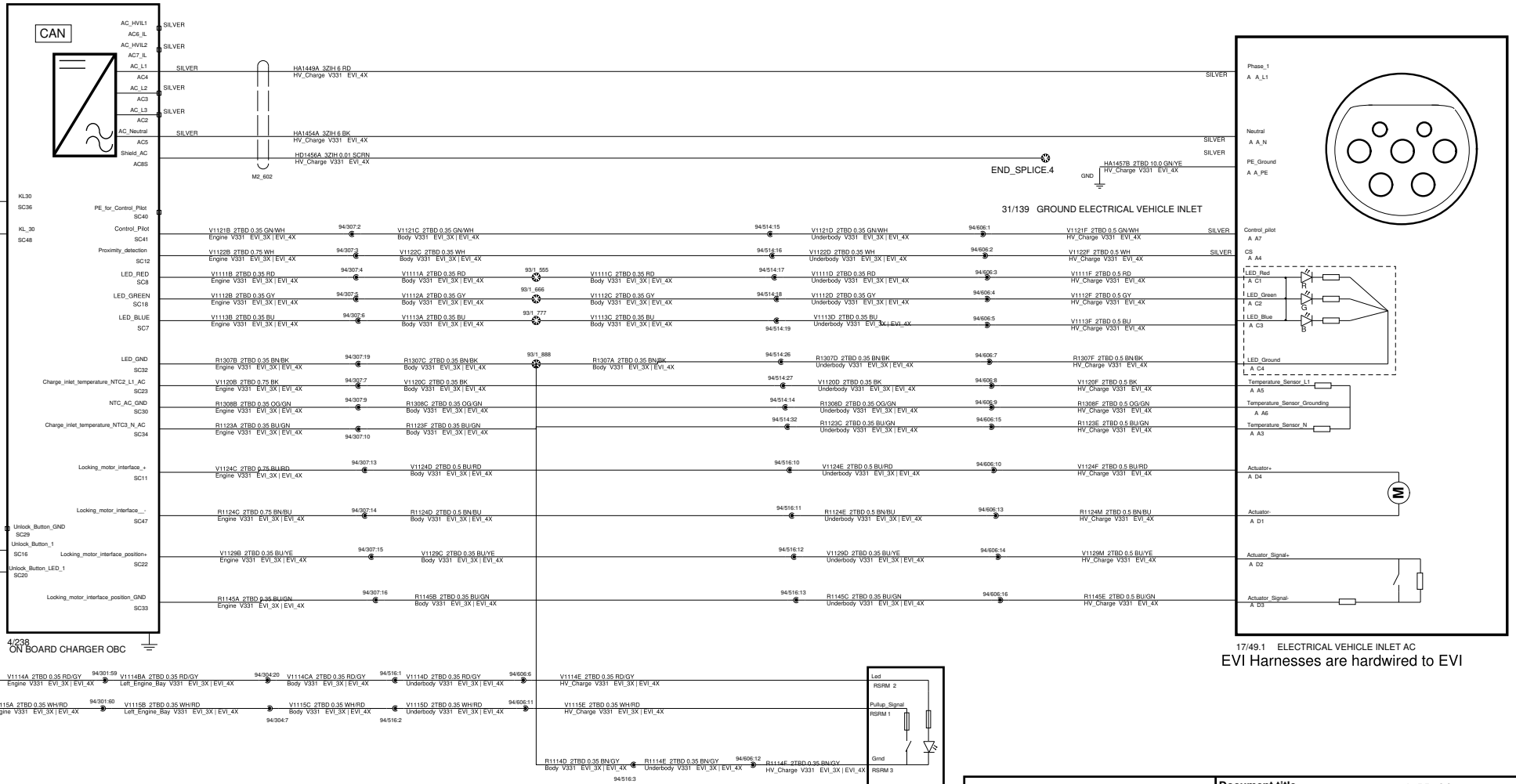
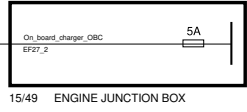


1L7 EI generating public network



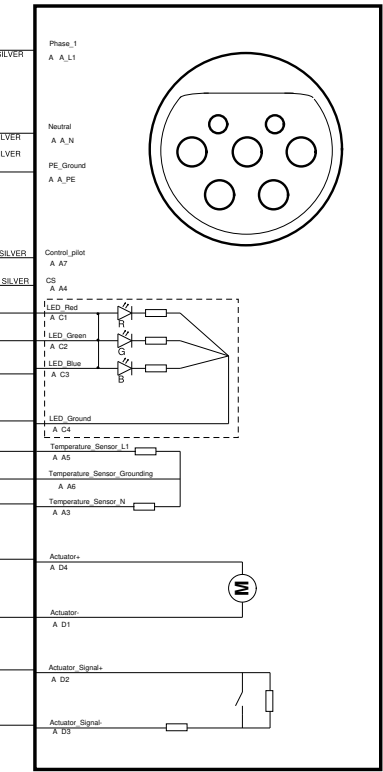
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	<p>CEVT Document No 8888522365</p>		<p>Edited April/12/2023</p>	
	<p>Issue 035</p>		<p>Page No 56/146</p>	

1L2 EI generating public network



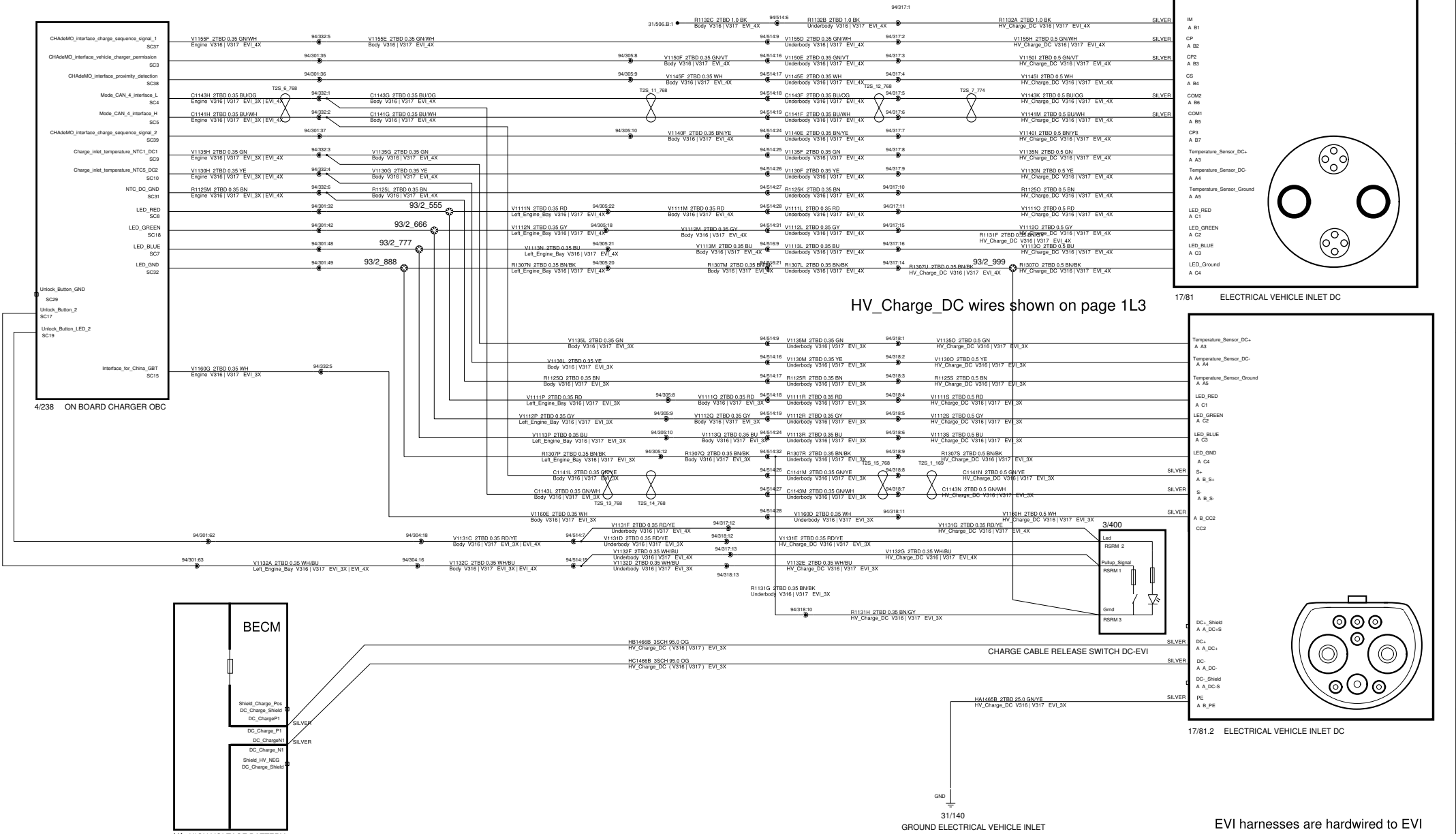
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Document Type DRAW/ELSY	Release Status RELEASED		Edited April/12/2023
Volvo Document No 33445458		Page No 57/146	
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17/49.1 ELECTRICAL VEHICLE INLET AC
EVI Harnesses are hardwired to EVI

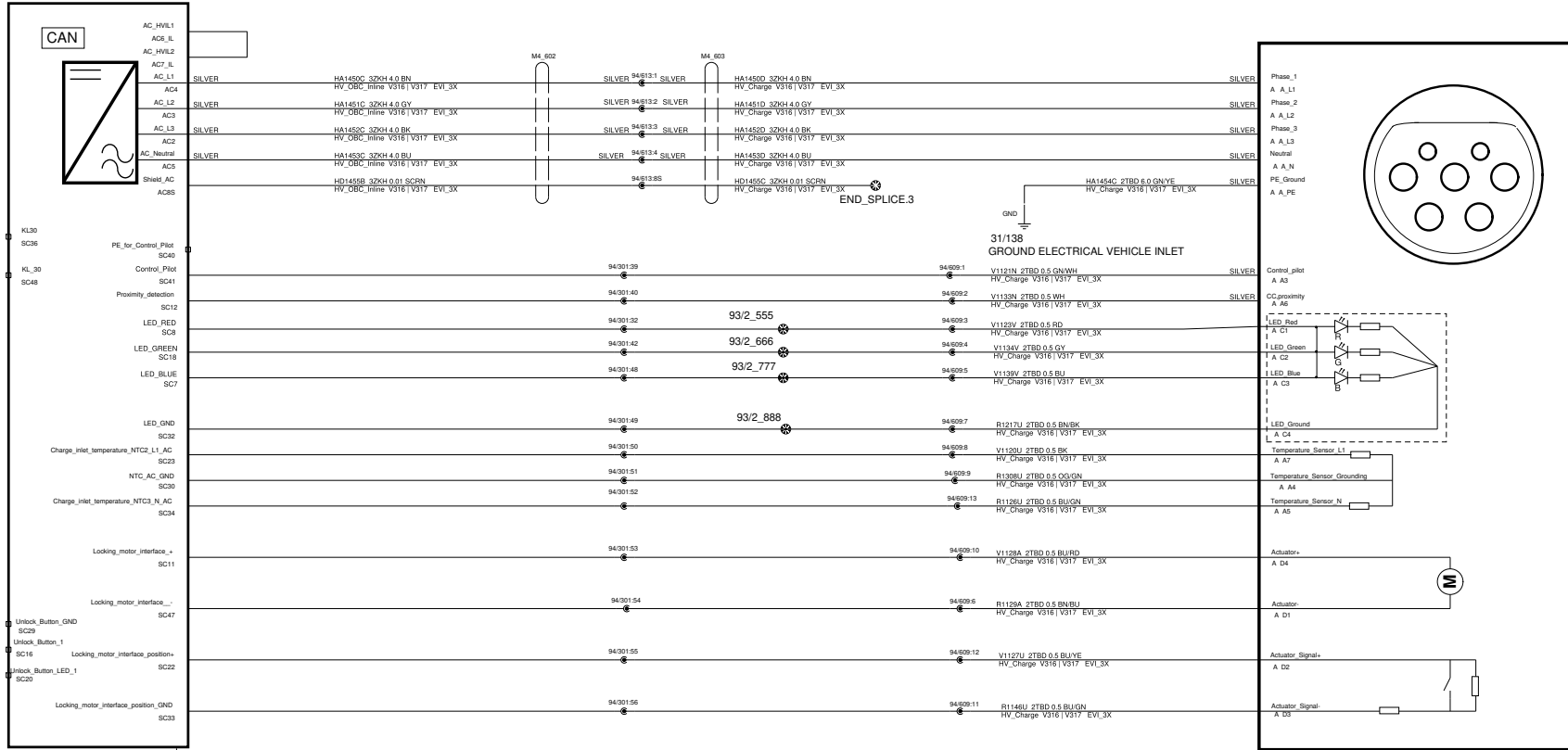
1L6 EI generating public network



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CEVT Document No 8888522365		Edited April/12/2023	
Issue 035		Page No 58/146	



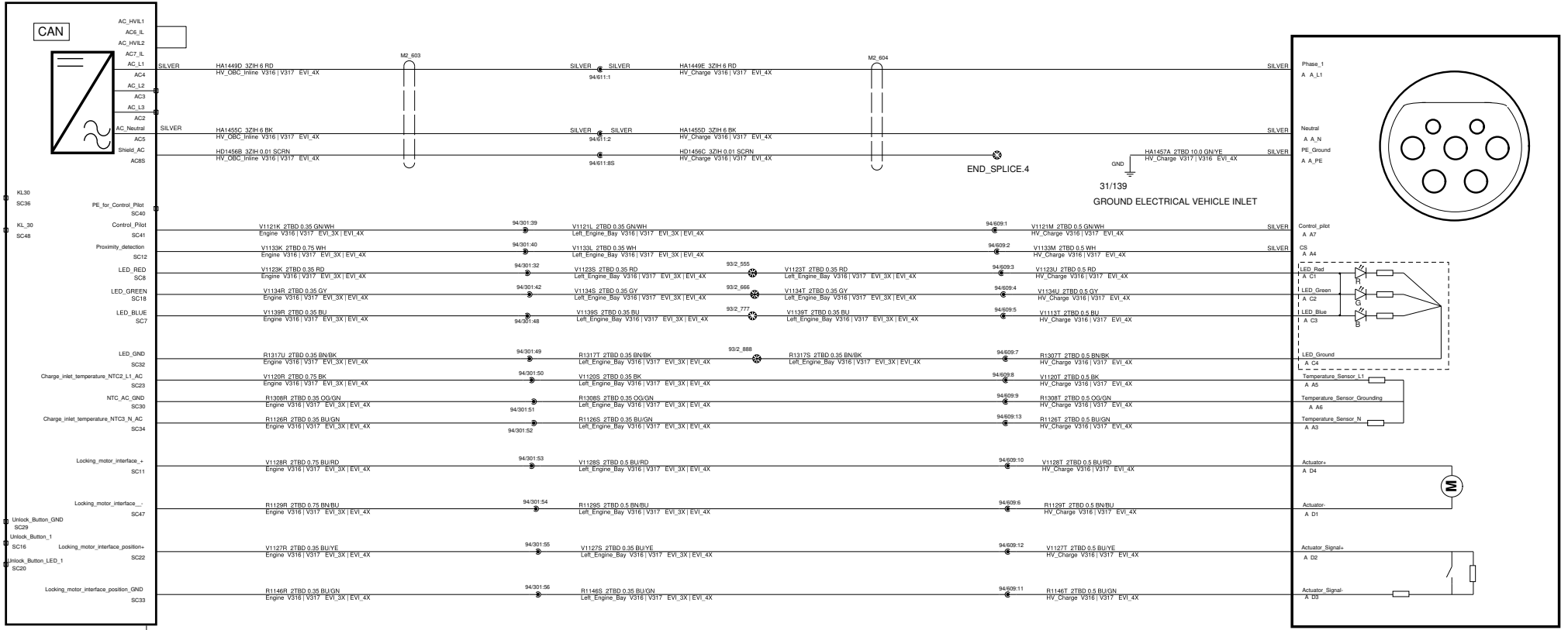
EVI harnesses are hardwired to EVI



4/238
ON BOARD CHARGER OBC

17/49.3
ELECTRICAL VEHICLE INLET AC

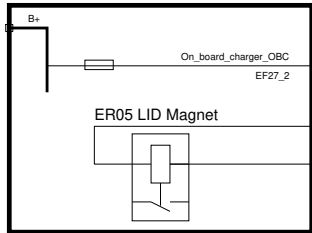
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	<p>Issue 035</p>	<p>Page No 59/146</p>



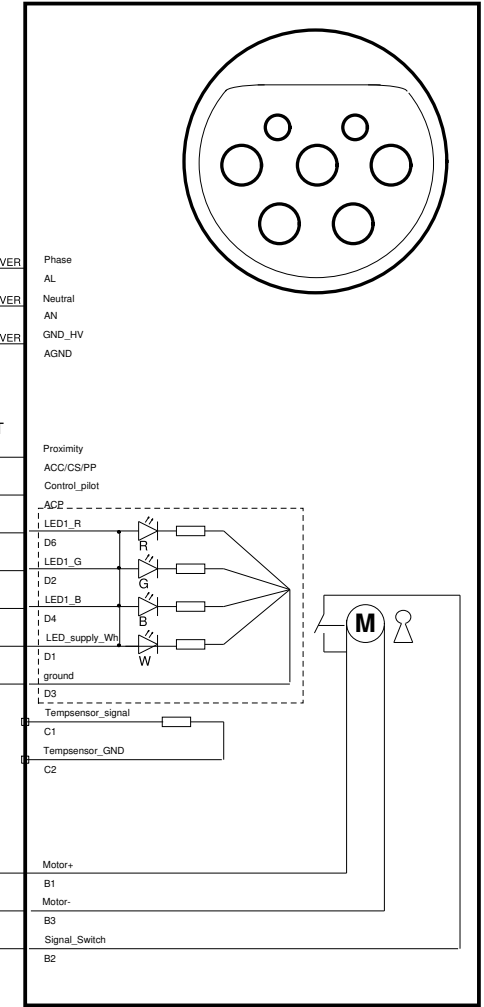
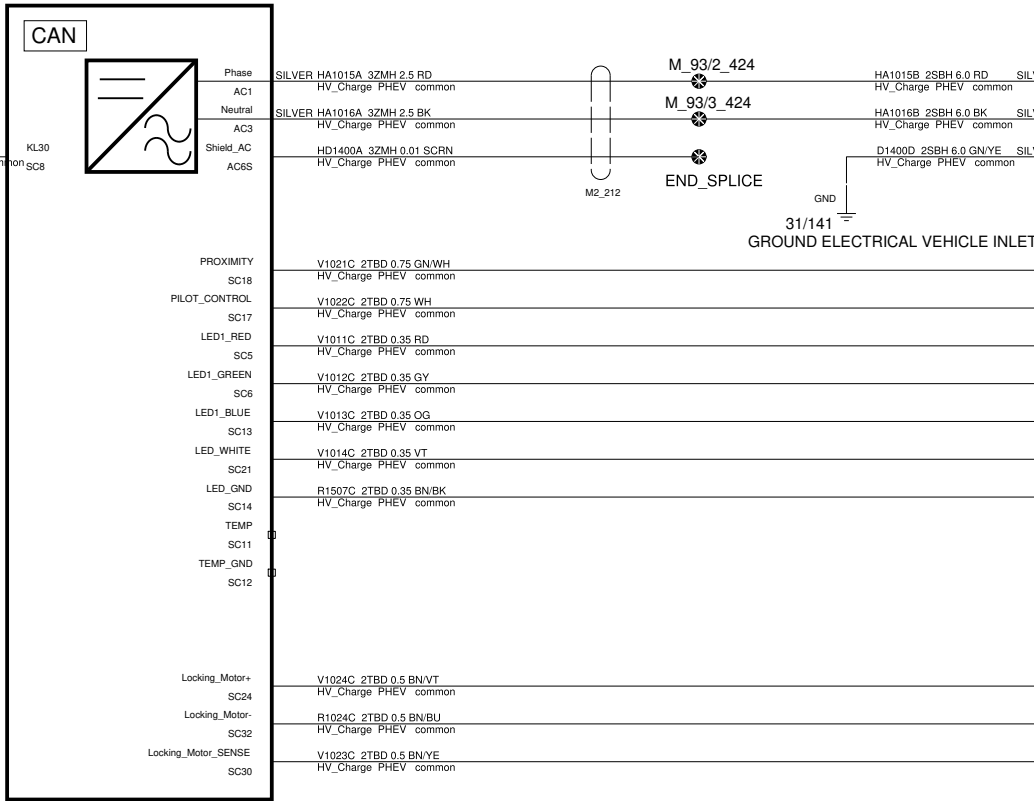
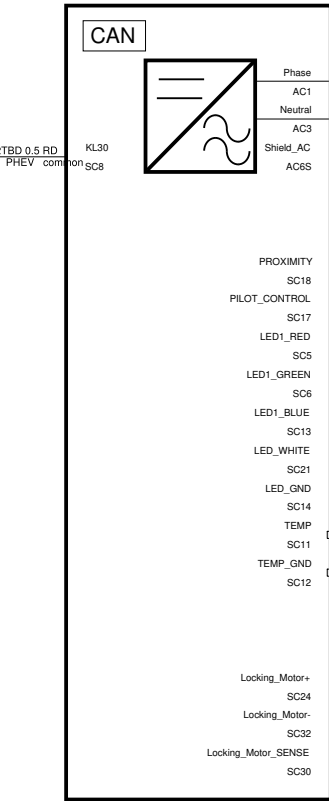
4/238
ON BOARD CHARGER OBC

17/49 ELECTRICAL VEHICLE INLET AC

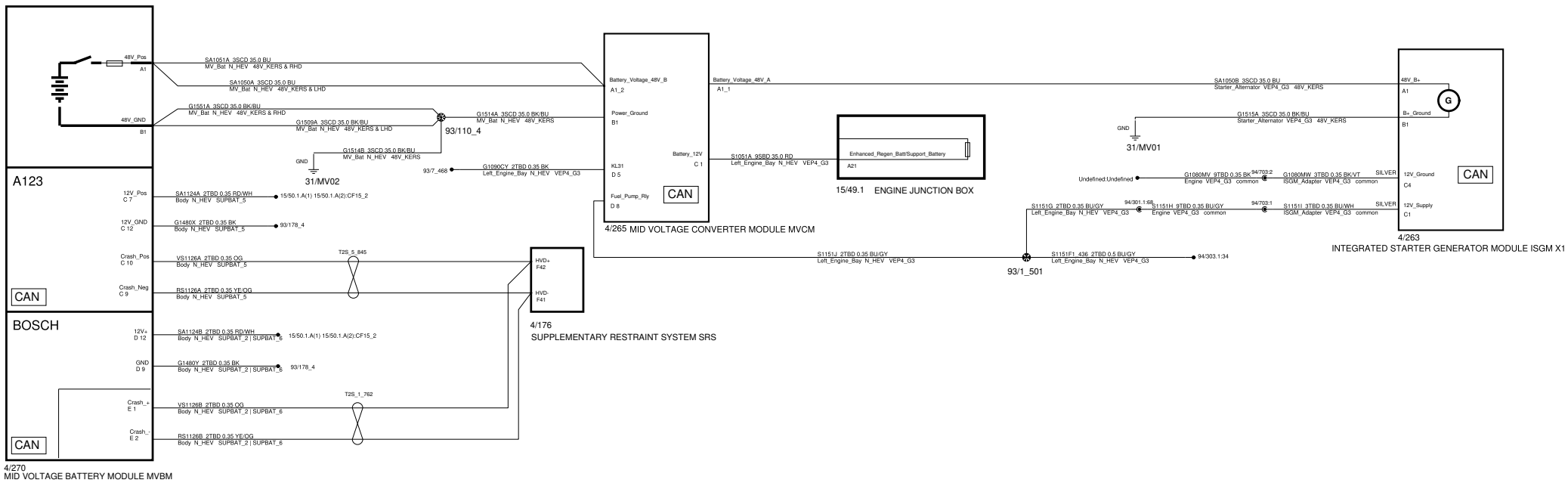
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	<p>Issue 035</p>	<p>Page No 60/146</p>



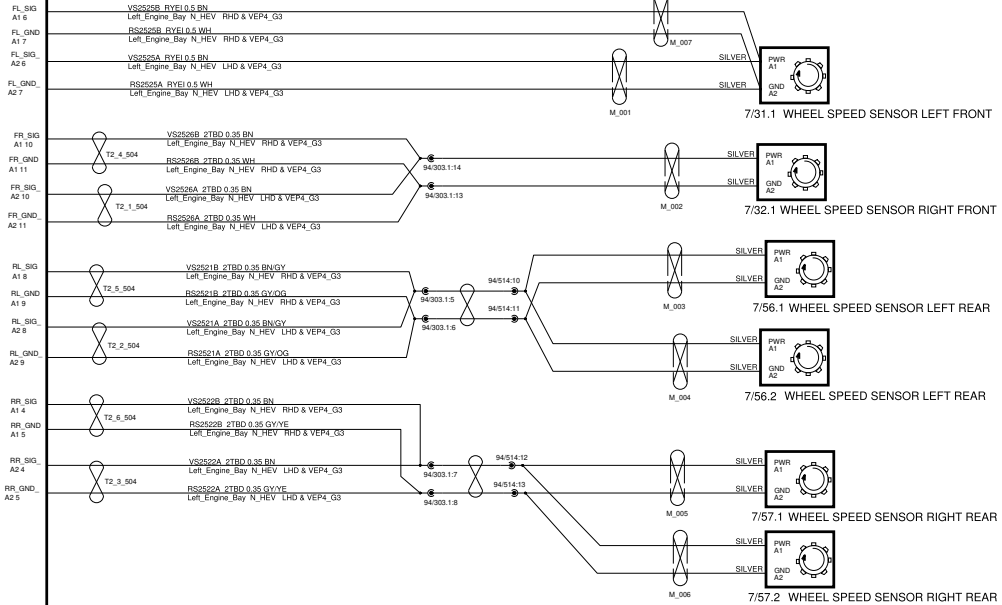
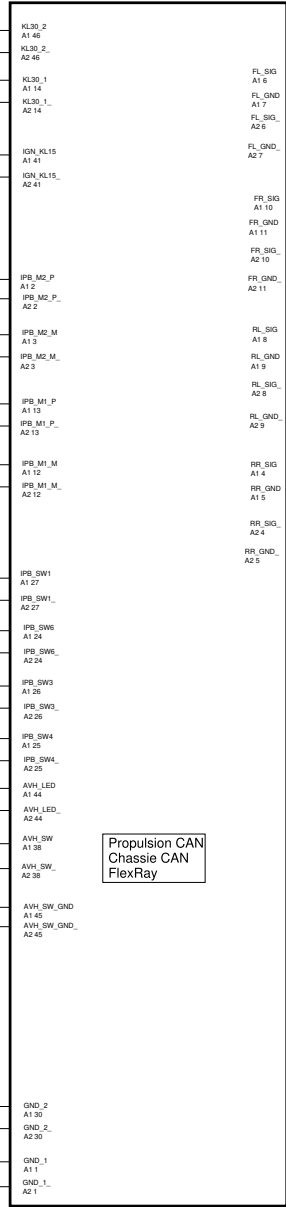
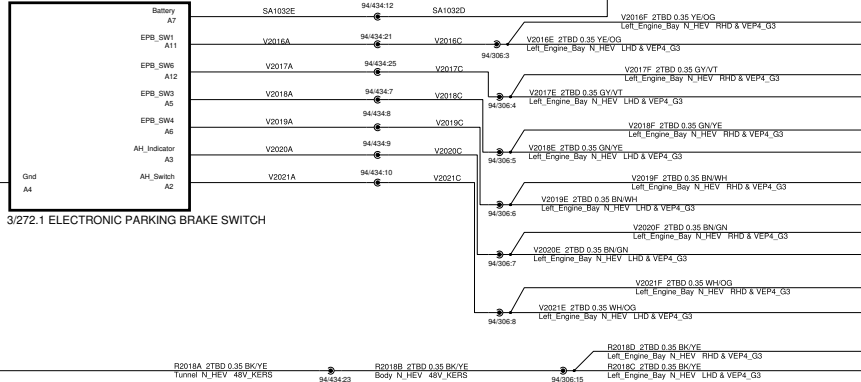
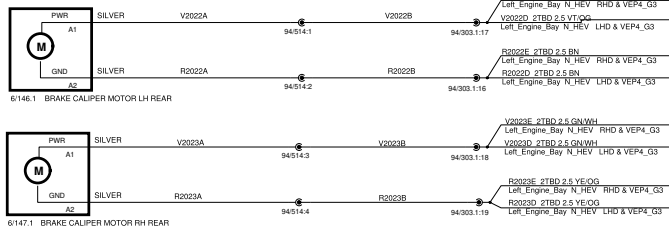
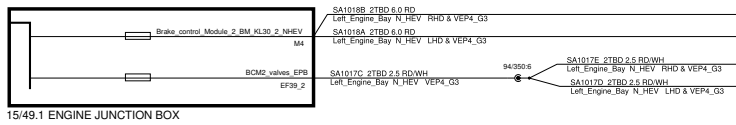
SA1202A 2TBD 0.35 RD Left_Engine_Bay PHEV common
 943151 SA1202B 2TBD 0.5 RD HV_Charge PHEV common



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	<p>Issue 035</p>	<p>Page No 61/146</p>



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	Document Type DRAW/ELSY	Release Status RELEASED
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	Issue 035	Page No 62/146



Propulsion CAN
Chassis CAN
FlexRay

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		<p>2A_Braking_48V_KERS</p>	
<p>Document Type DRAW/ELSY</p>		<p>Release Status RELEASED</p>	
<p>CEVT Document No 8888522365</p>		<p>Edited April/13/2023</p>	
<p>Issue 035</p>		<p>Page No 64/146</p>	

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A

B

C

D

E

F

A

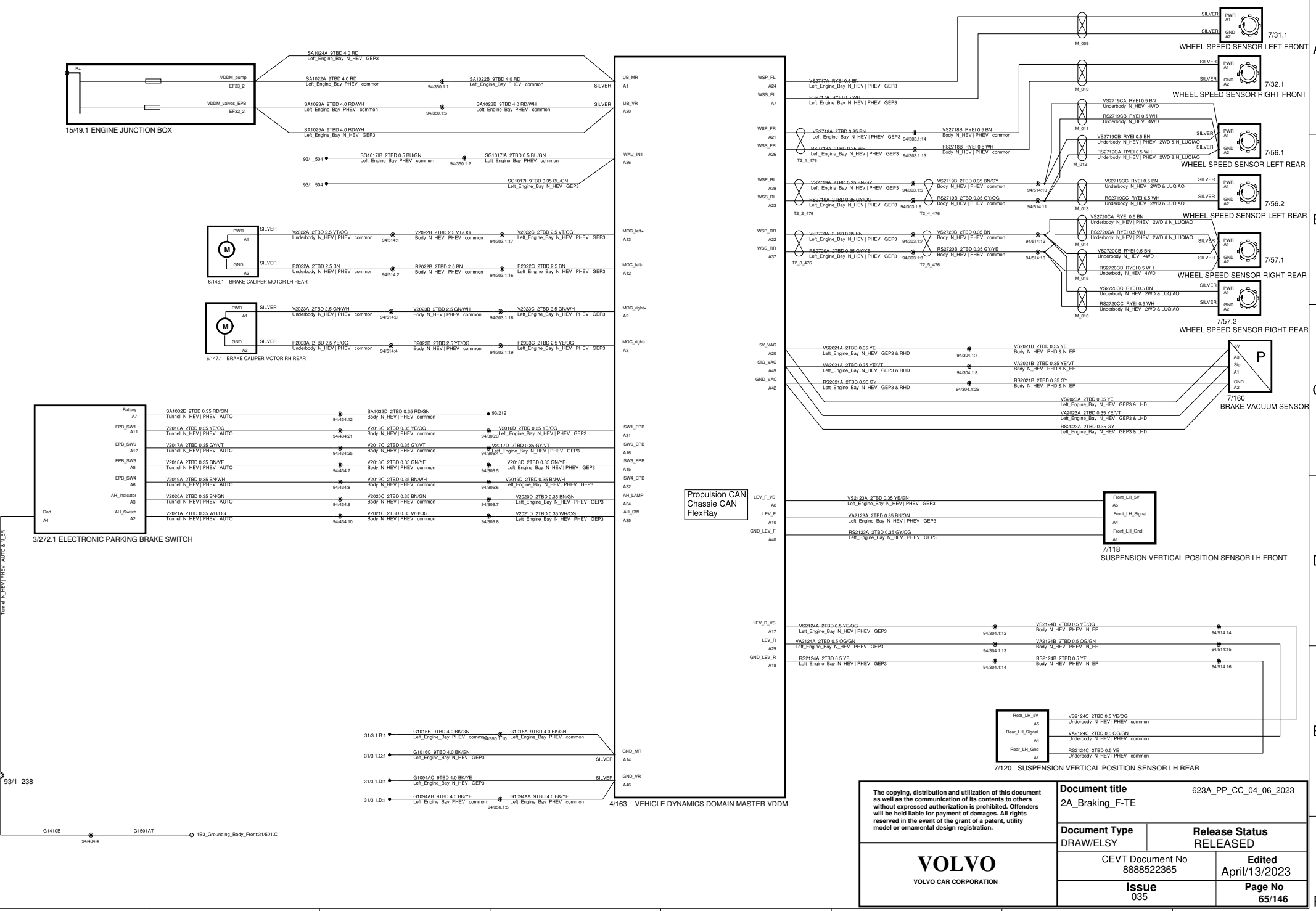
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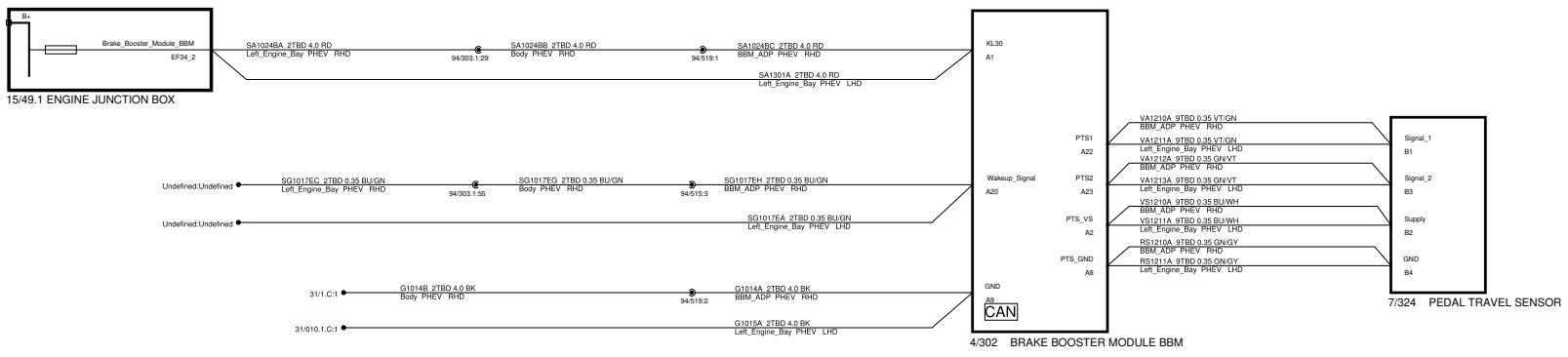
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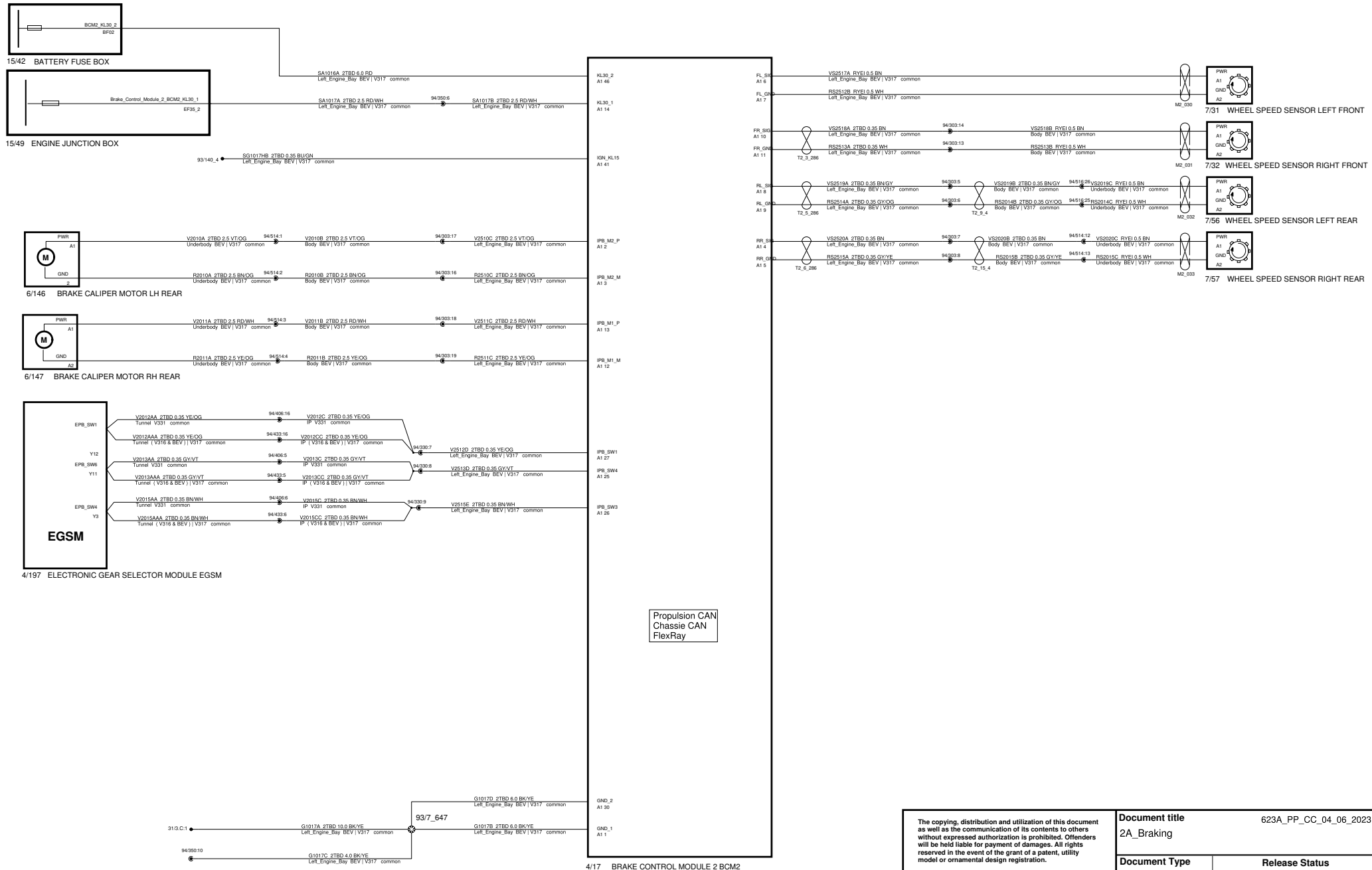


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		<p>Document Type DRAW/ELSY</p>	<p>Release Status RELEASED</p>	
		<p>CEVT Document No 8888522365</p>	<p>Issue 035</p>	
		<p>Page No 65/146</p>		



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	Document Type DRAW/ELSY	Release Status RELEASED
	CEVT Document No 8888522365	Edited March/29/2023
	Issue 035	Page No 66/146

2A Braking

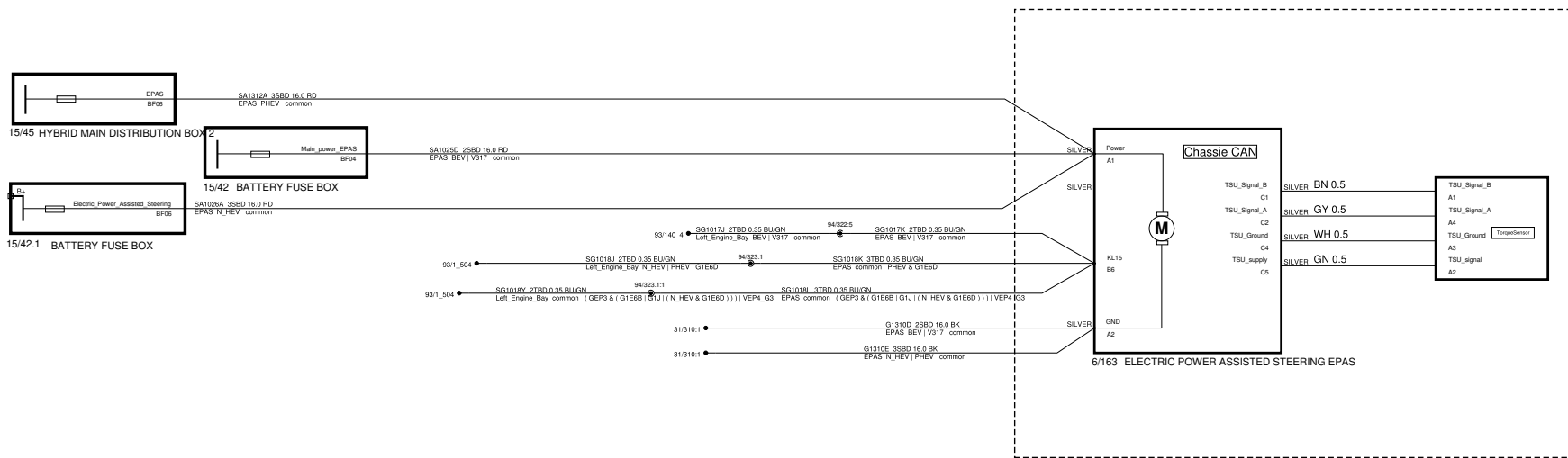


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		2A_Braking	
Document Type DRAW/ELSY		Release Status RELEASED	
Volvo Document No 33445458		Edited April/13/2023	
Issue 035		Page No 63/146	

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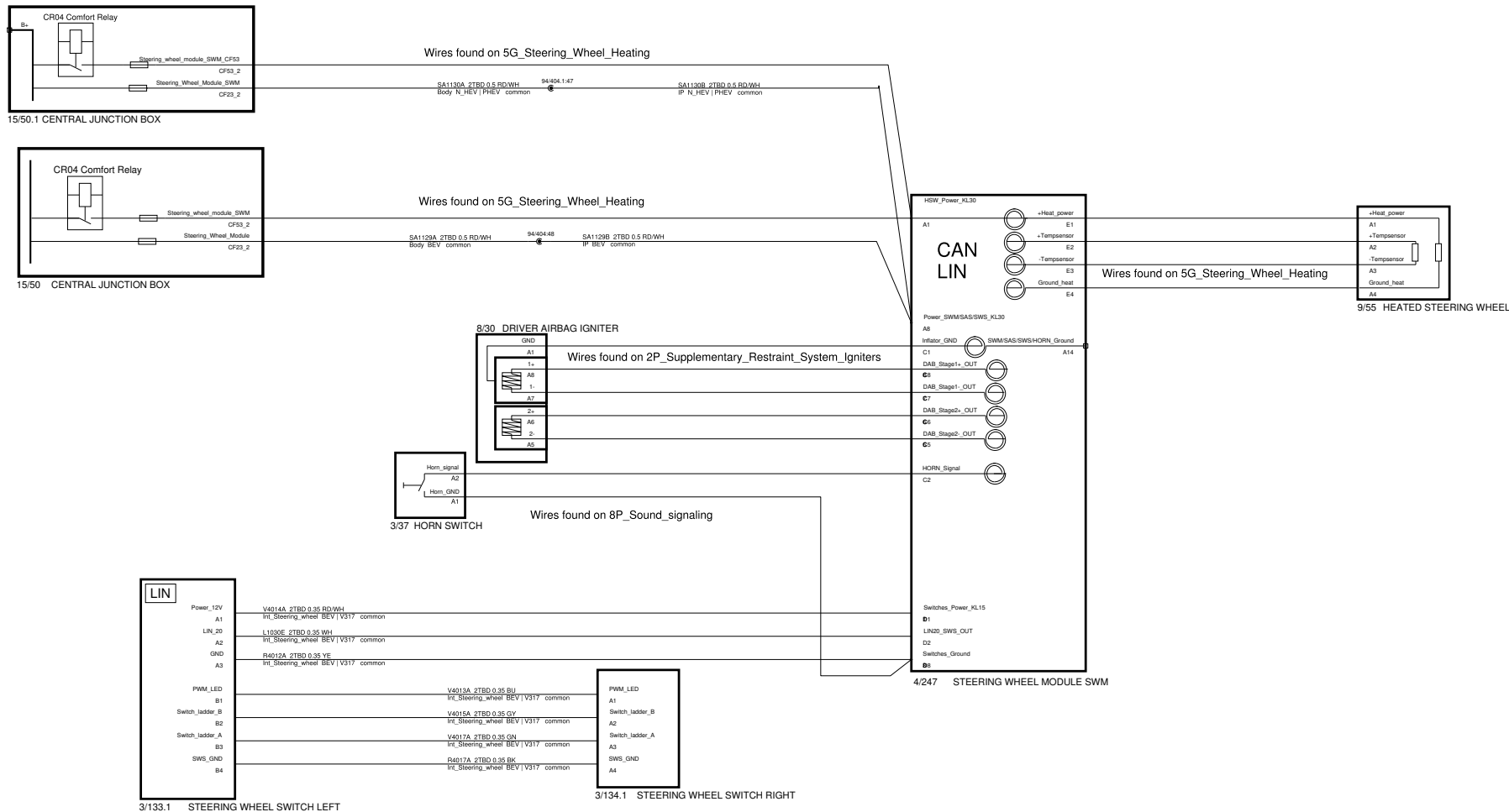
4/17 BRAKE CONTROL MODULE 2 BCM2

2E Power Steering



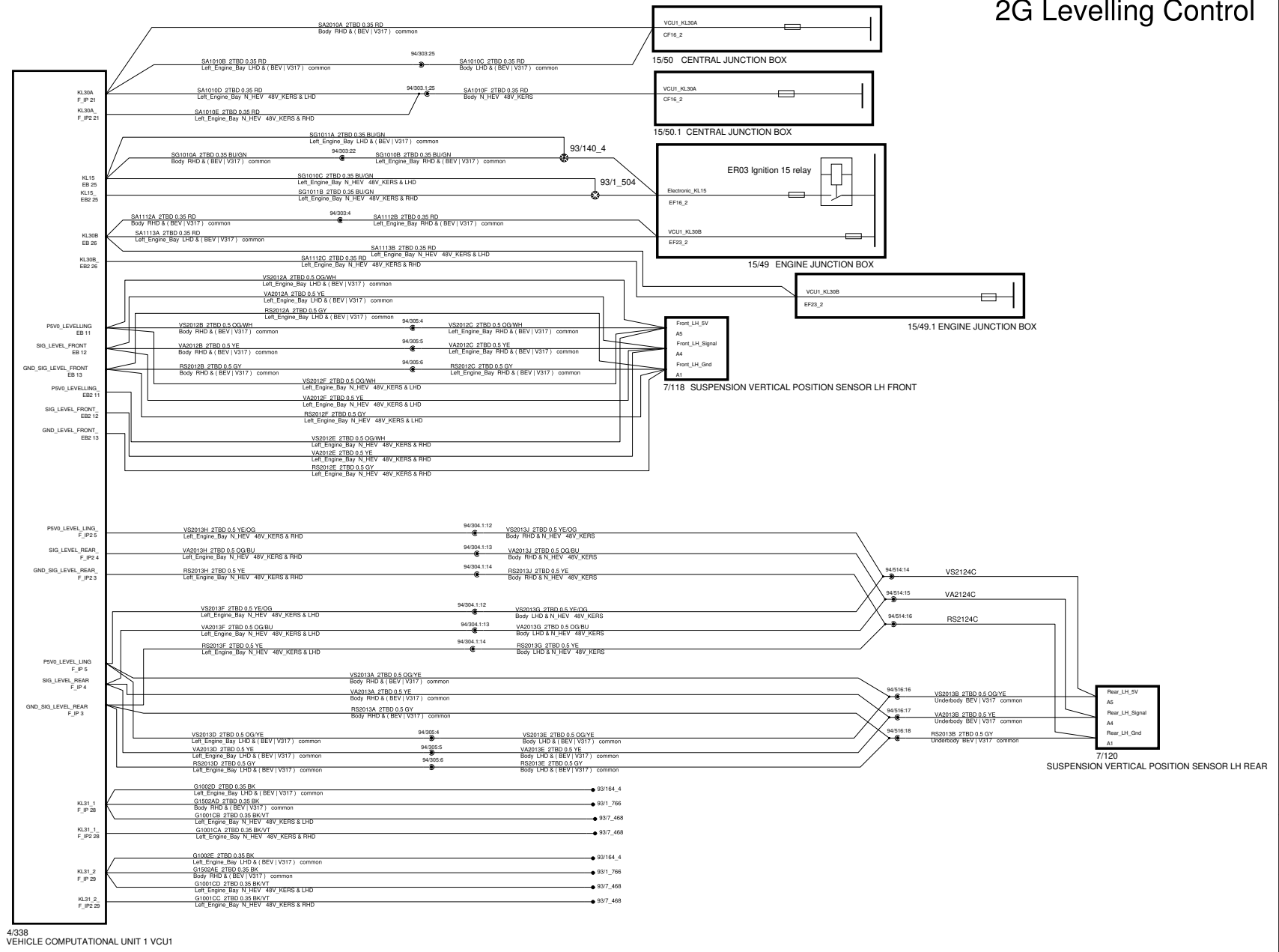
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	<p>Document Type DRAW/ELSY</p>	<p>Release Status RELEASED</p>
	<p>Volvo Document No 33445458</p>	<p>Edited April/13/2023</p>
	<p>Issue 035</p>	<p>Page No 68/146</p>

2E2 Steering



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	Volvo Document No 33445458		Edited June/16/2021
	Issue 035	Page No 67/146	

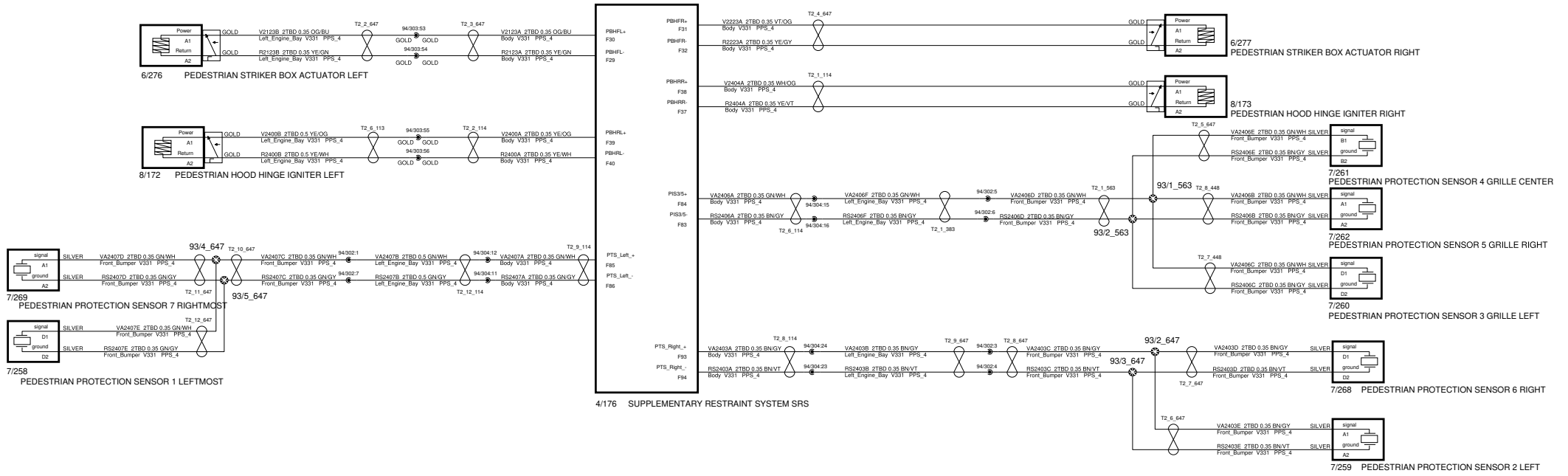
2G Levelling Control



4/338 VEHICLE COMPUTATIONAL UNIT 1 VCU1

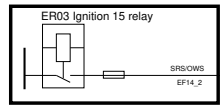
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	<p>Document Type: DRAW/ELSY</p>	<p>Release Status: RELEASED</p>
	<p>Volvo Document No: 33445458</p>	<p>Edited: April/13/2023</p>
	<p>Issue: 035</p>	<p>Page No: 69/146</p>

2M Pedestrian Protection

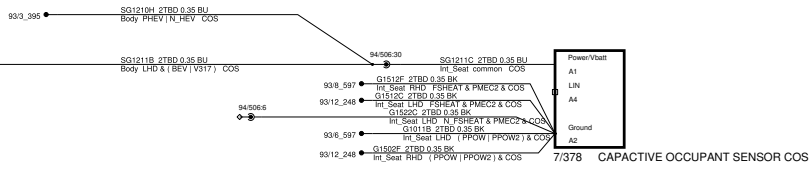


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	Document Type DRAW/ELSY	Release Status RELEASED
	Volvo Document No 33445458	Edited March/21/2023
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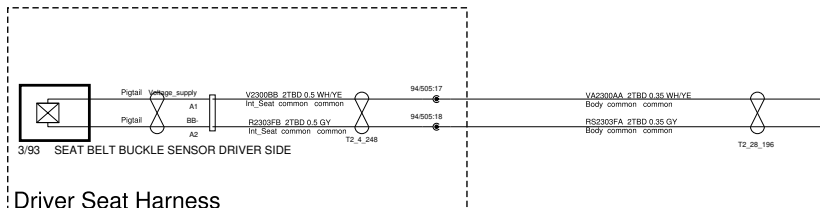
2N Safety Belt Reminder



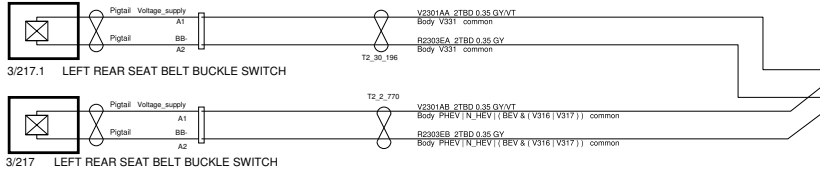
15/49 ENGINE JUNCTION BOX



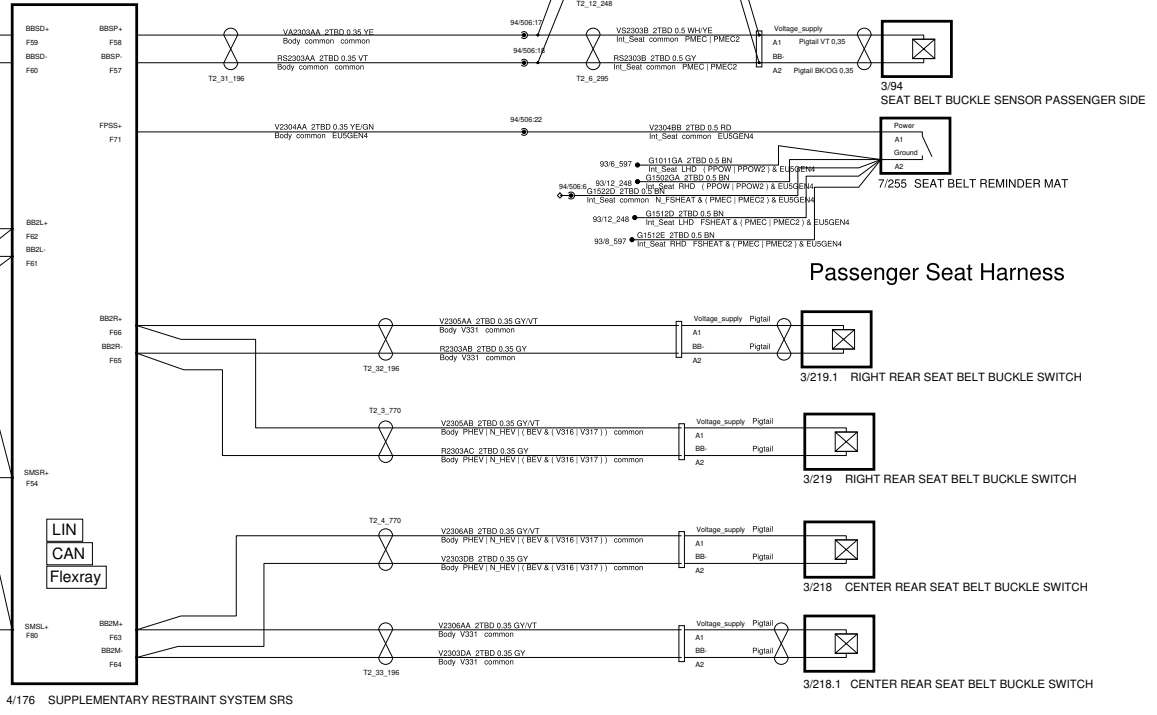
7/378 CAPACITIVE OCCUPANT SENSOR COS



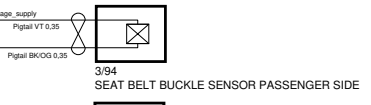
Driver Seat Harness



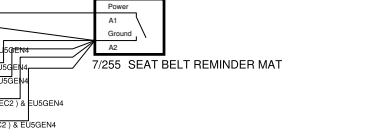
Rear Seat Harness



4/176 SUPPLEMENTARY RESTRAINT SYSTEM SRS

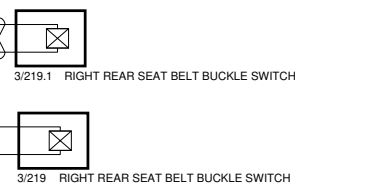


3/94 SEAT BELT BUCKLE SENSOR PASSENGER SIDE

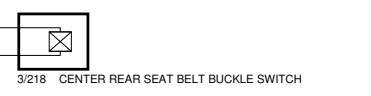


7/255 SEAT BELT REMINDER MAT

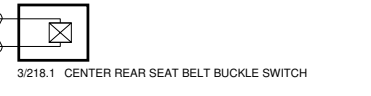
Passenger Seat Harness



3/219 RIGHT REAR SEAT BELT BUCKLE SWITCH



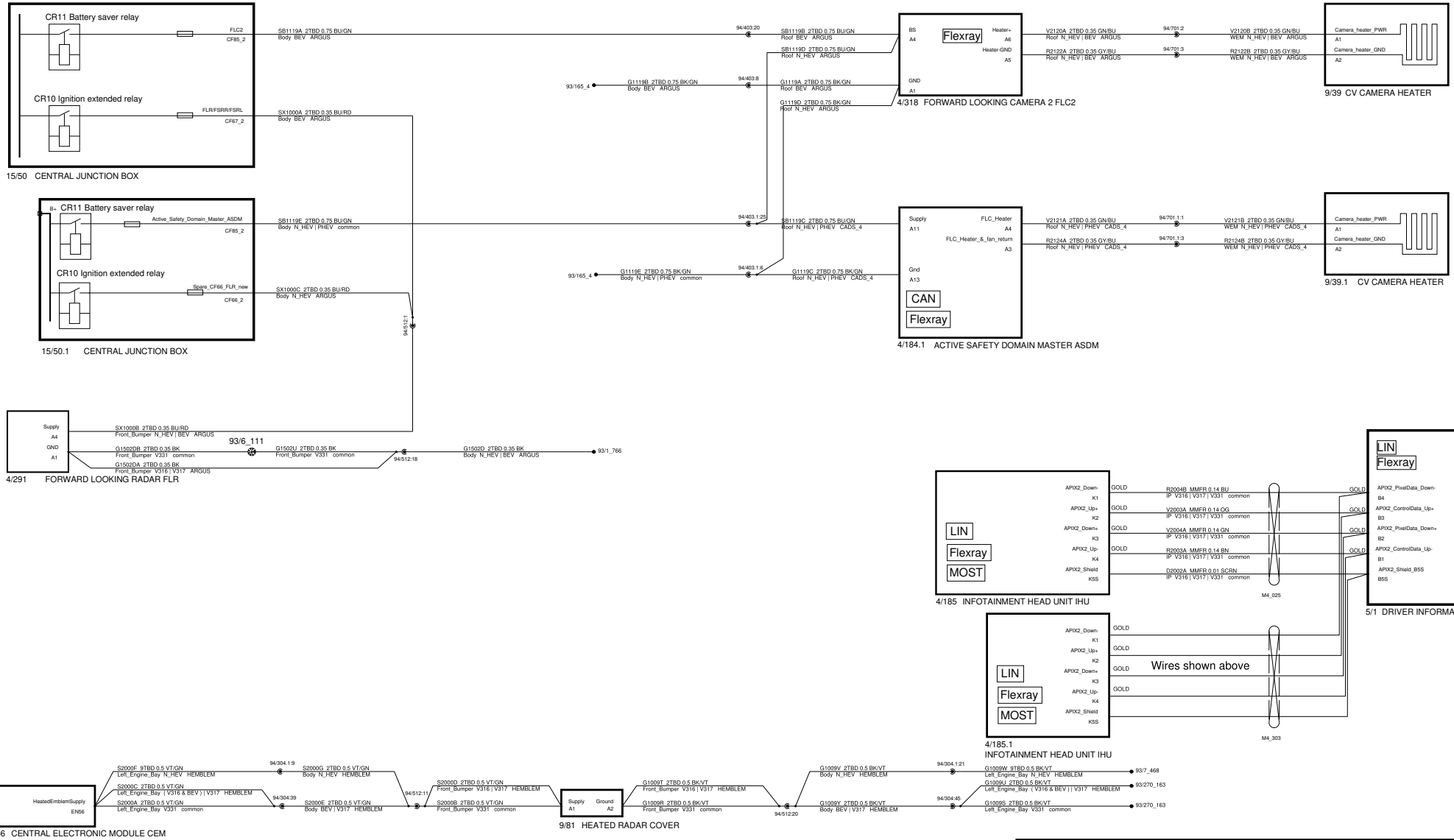
3/218 CENTER REAR SEAT BELT BUCKLE SWITCH



3/218.1 CENTER REAR SEAT BELT BUCKLE SWITCH

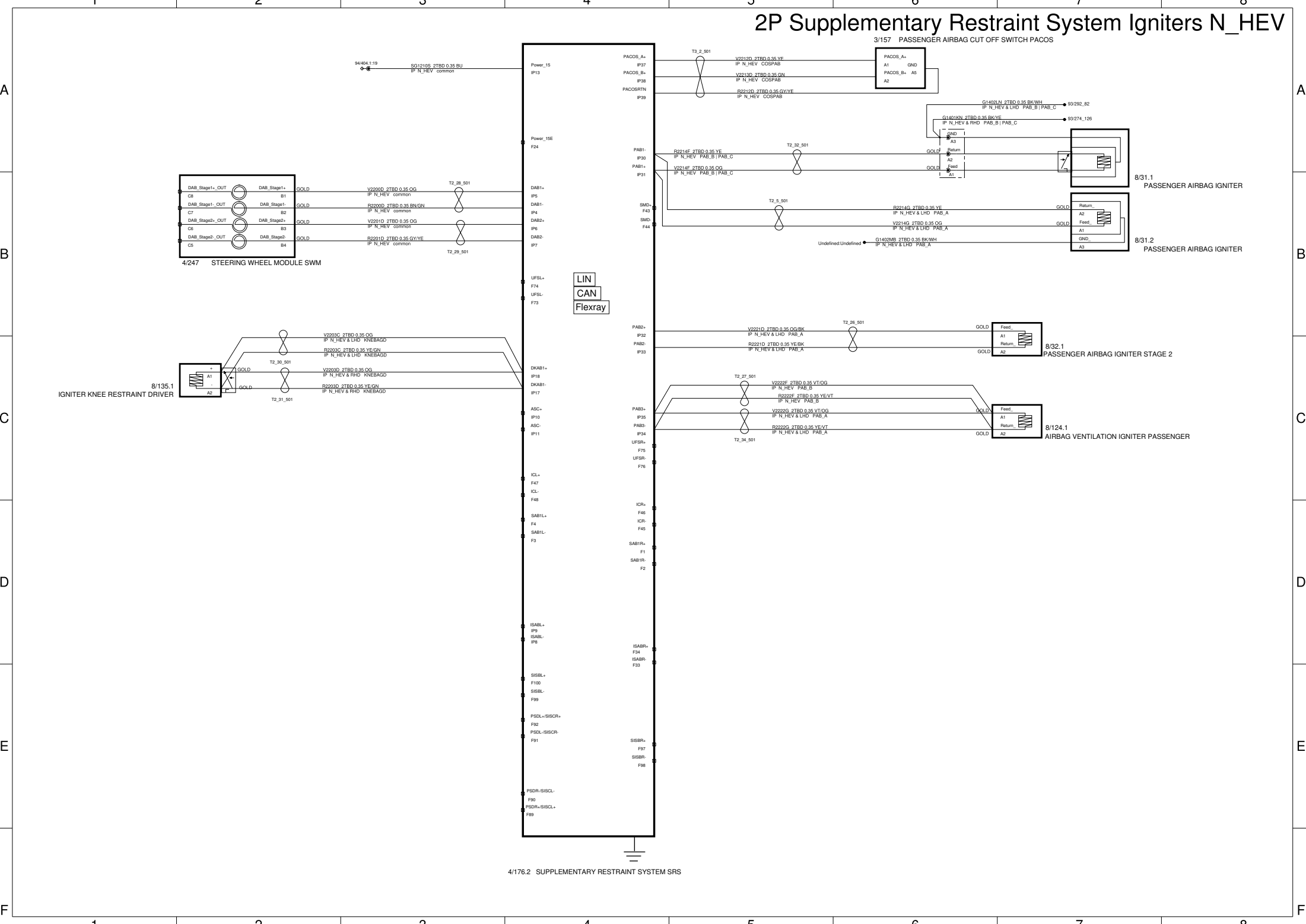
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		<p>Document Type DRAW/ELSY</p>	<p>Release Status RELEASED</p>	
<p>VOLVO VOLVO CAR CORPORATION</p>		<p>Volvo Document No 33445458</p>	<p>Edited April/13/2023</p>	
		<p>Issue 035</p>	<p>Page No 71/146</p>	

20 Collision Avoidance

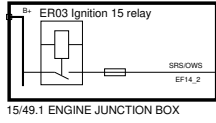


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<p>Volvo Document No: 33445458</p>		<p>Edited: April/13/2023</p>	
<p>Issue: 035</p>		<p>Page No: 72/146</p>	

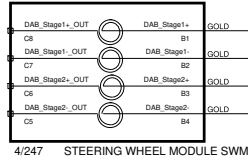
2P Supplementary Restraint System Igniters N_HEV



2P Supplementary Restraint System Igniters PHEV



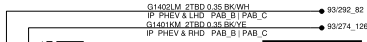
15/49.1 ENGINE JUNCTION BOX



4/176.1 SUPPLEMENTARY RESTRAINT SYSTEM SRS

LIN
CAN
Flexray

3/157 PASSENGER AIRBAG CUT OFF SWITCH PACOS



8/31.1 PASSENGER AIRBAG IGNITER

8/31.2 PASSENGER AIRBAG IGNITER

8/32.1 PASSENGER AIRBAG IGNITER STAGE 2

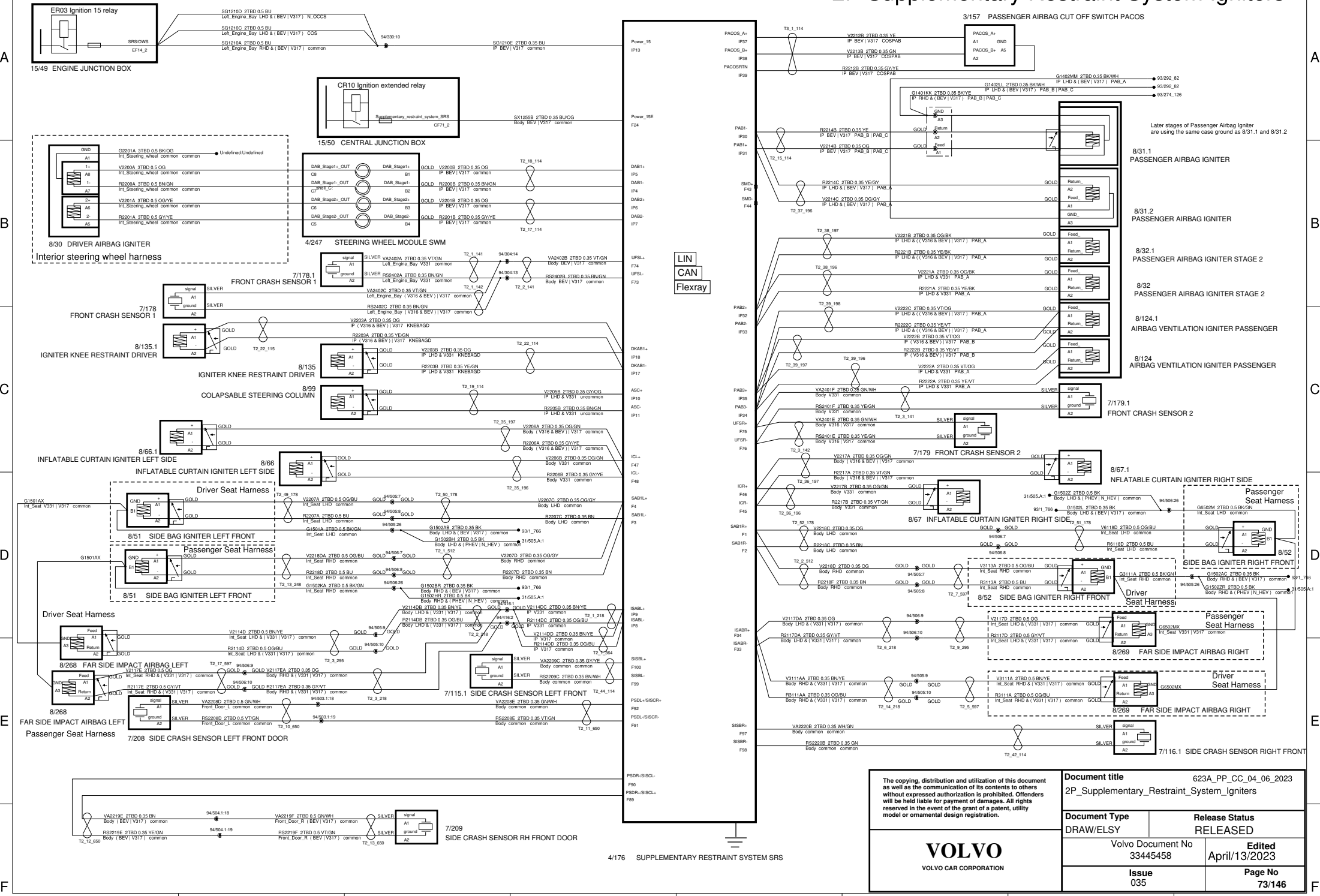
8/124.1 AIRBAG VENTILATION IGNITER PASSENGER

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A
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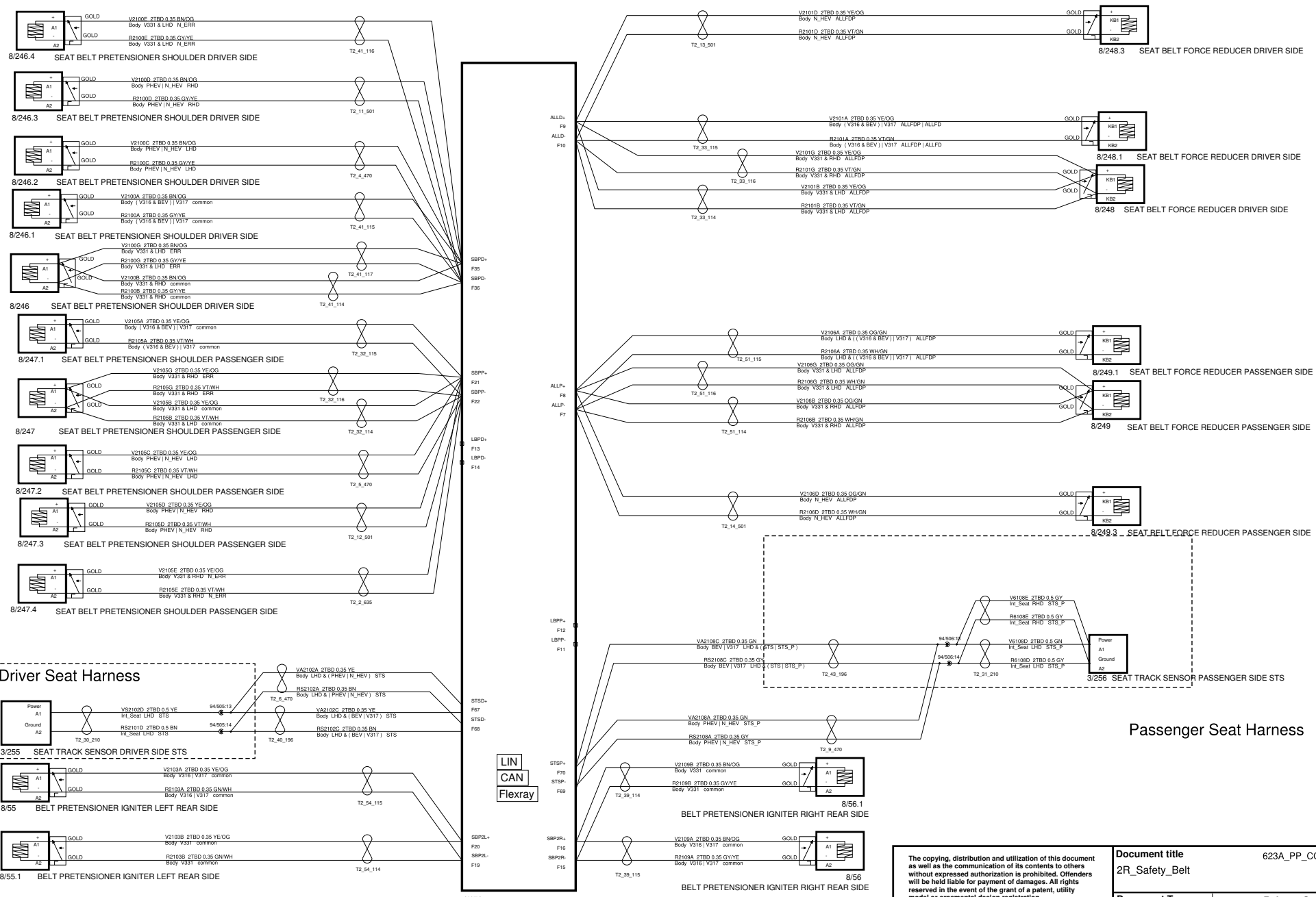
1 2 3 4 5 6 7 8

2P Supplementary Restraint System Igniters



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2R Safety Belt

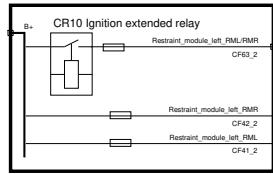


4/176 SUPPLEMENTARY RESTRAINT SYSTEM SRS

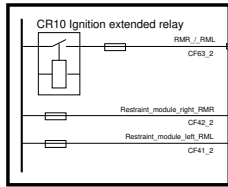
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Document Type DRAW/ELSY	Release Status RELEASED		
Volvo Document No 33445458	Issue 035	Edited April/13/2023	Page No 77/146

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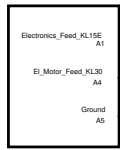
2S Restraint



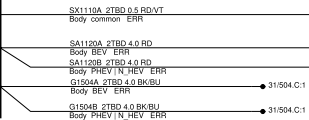
15/50.1 CENTRAL JUNCTION BOX



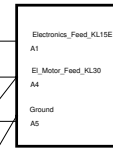
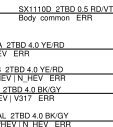
15/50 CENTRAL JUNCTION BOX



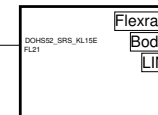
4/211 RESTRAINT MODULE LEFT RML



93/1_722



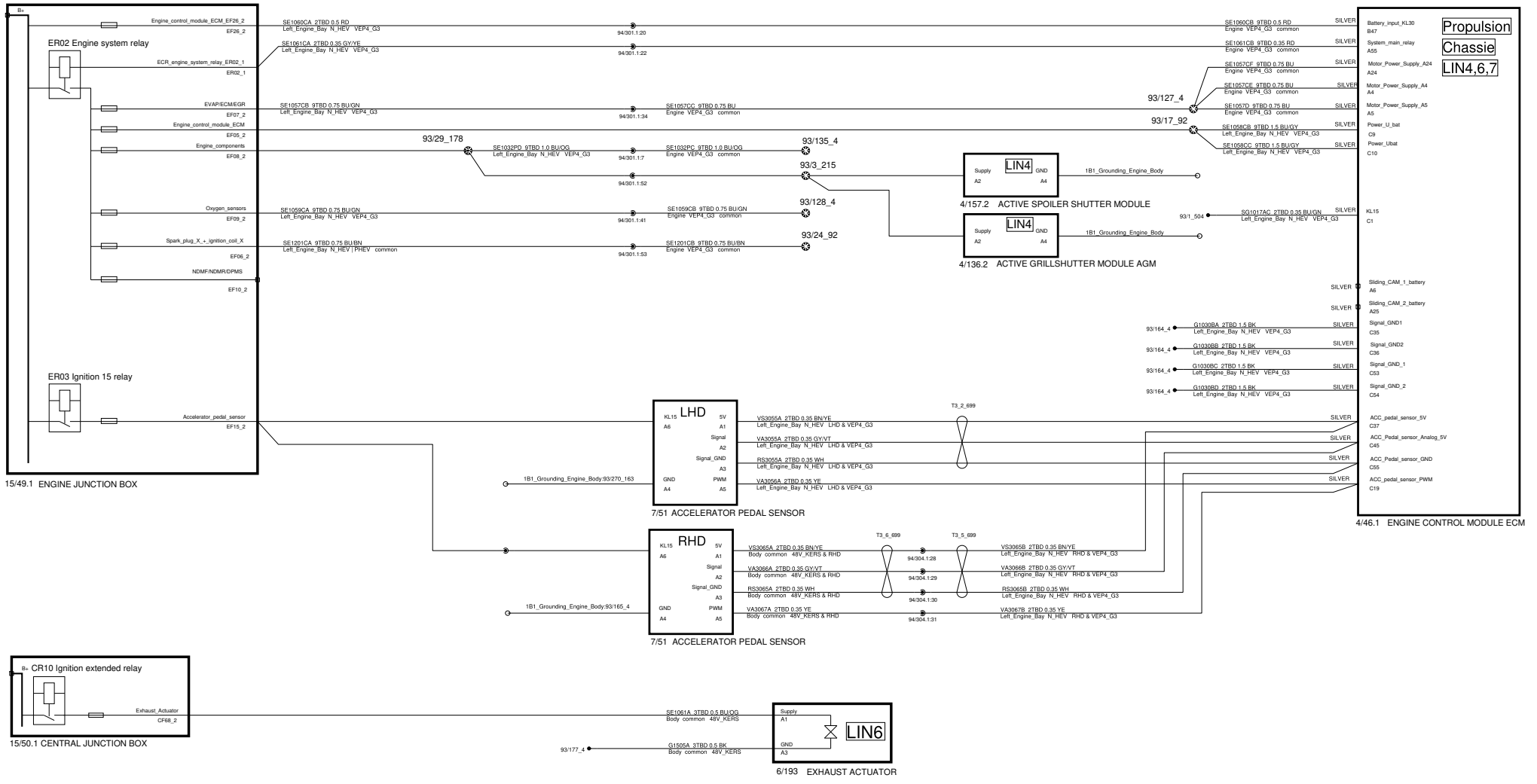
4/212 RESTRAINT MODULE RIGHT RMR



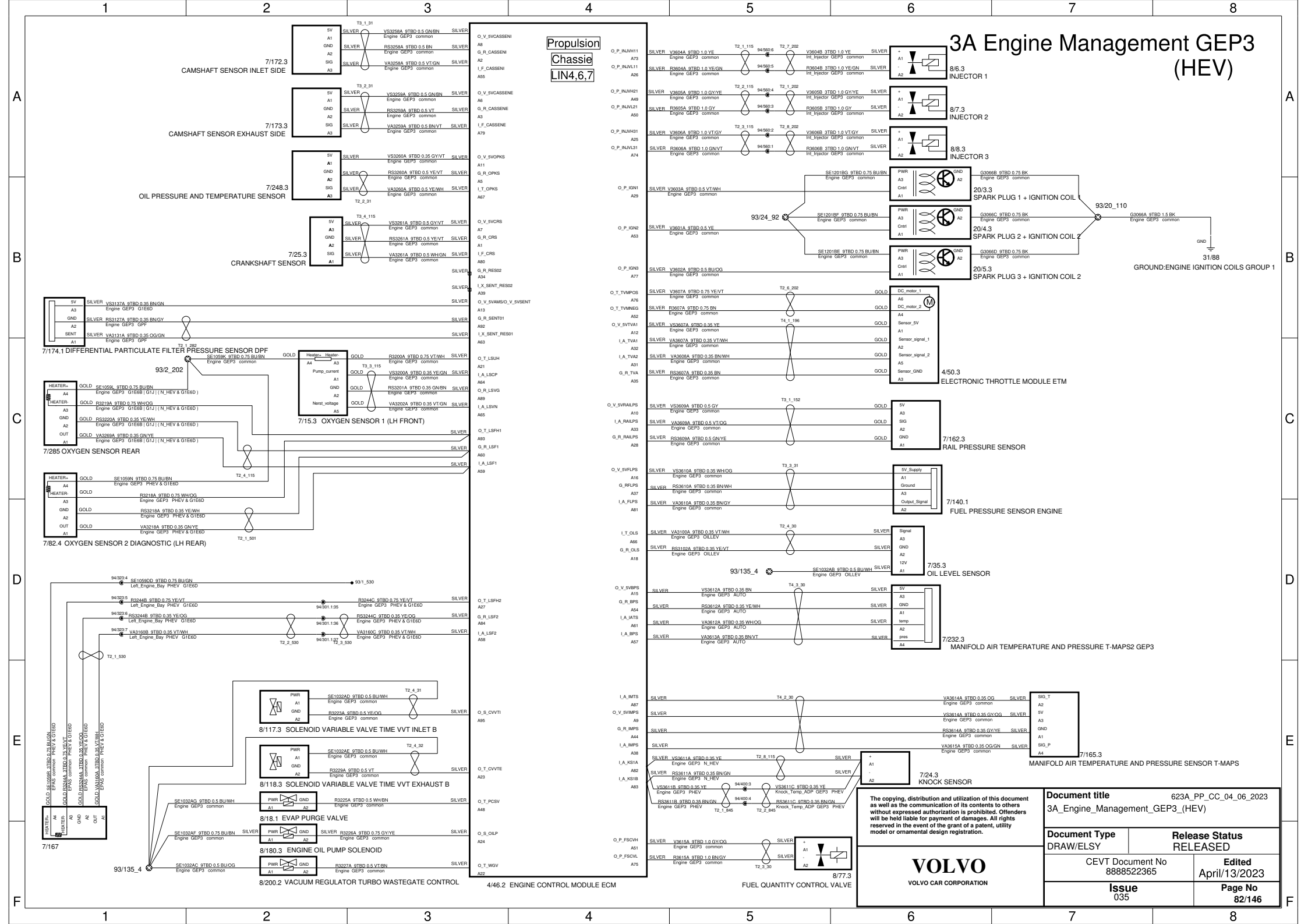
4/56 CENTRAL ELECTRONIC MODULE CEM

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



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		<p>Issue 035</p>	<p>Page No 81/146</p>



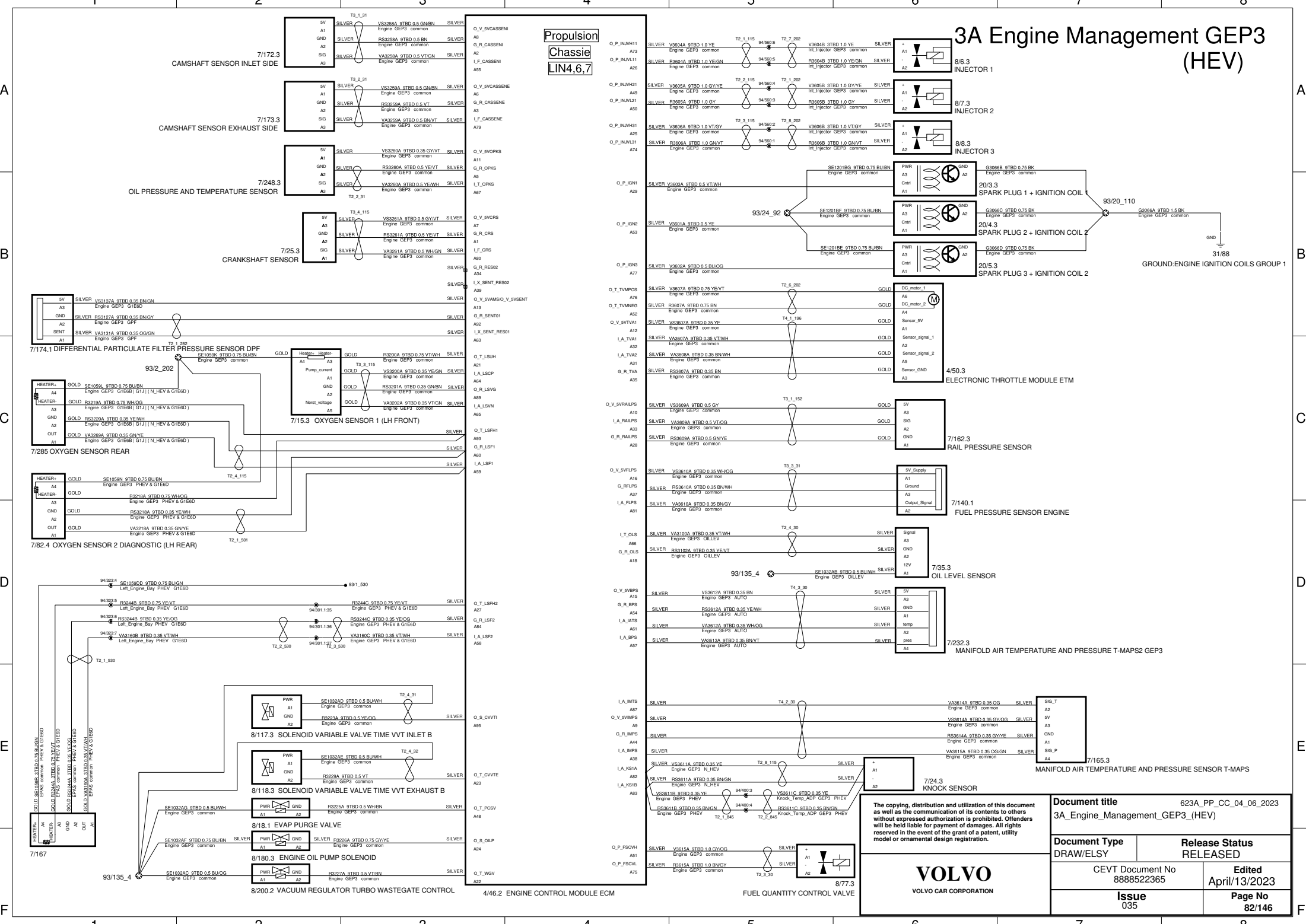
3A Engine Management GEP3 (HEV)

Propulsion
Chassis
LIN4,6,7

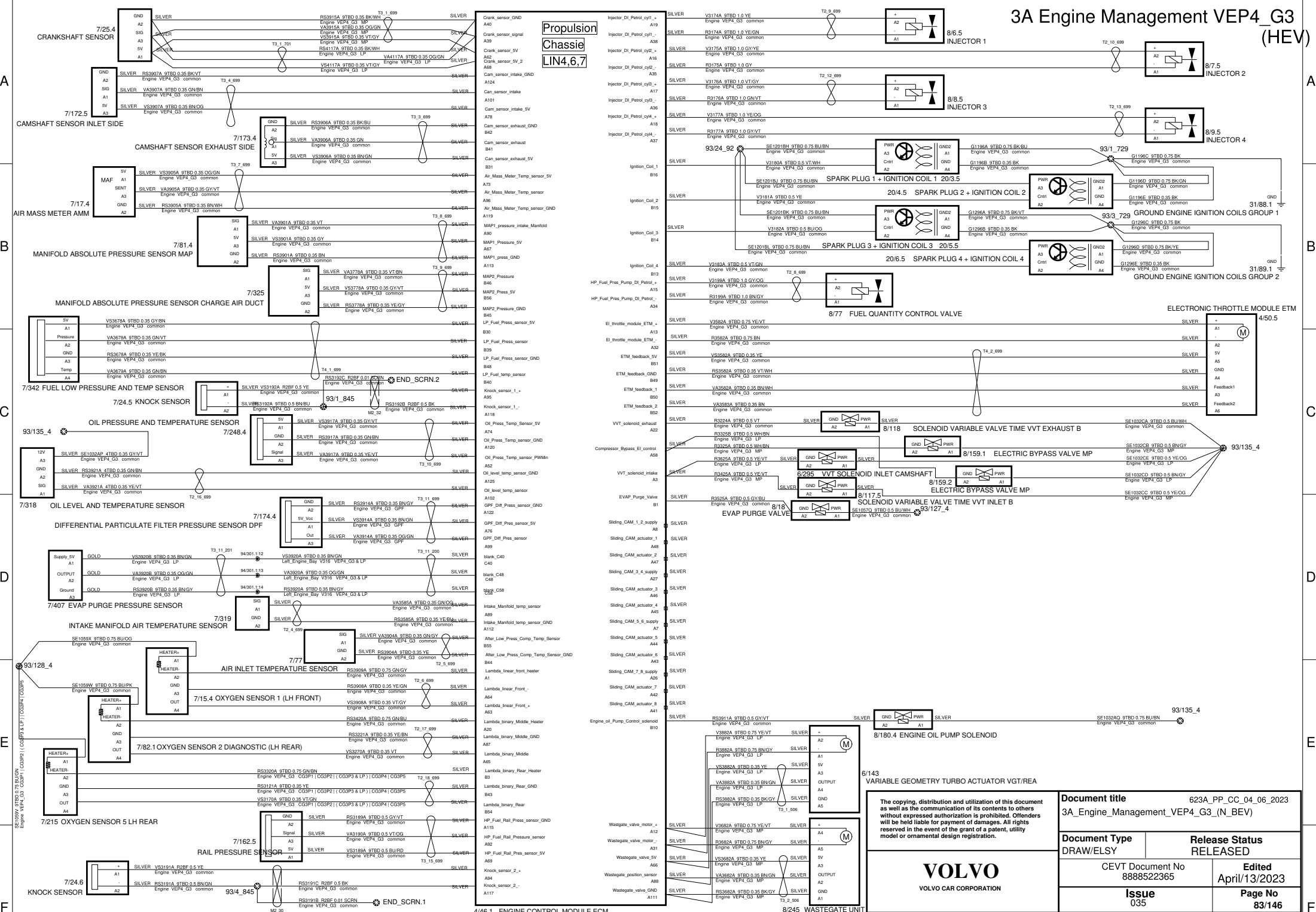
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3A Engine Management VEP4_G3 (HEV)



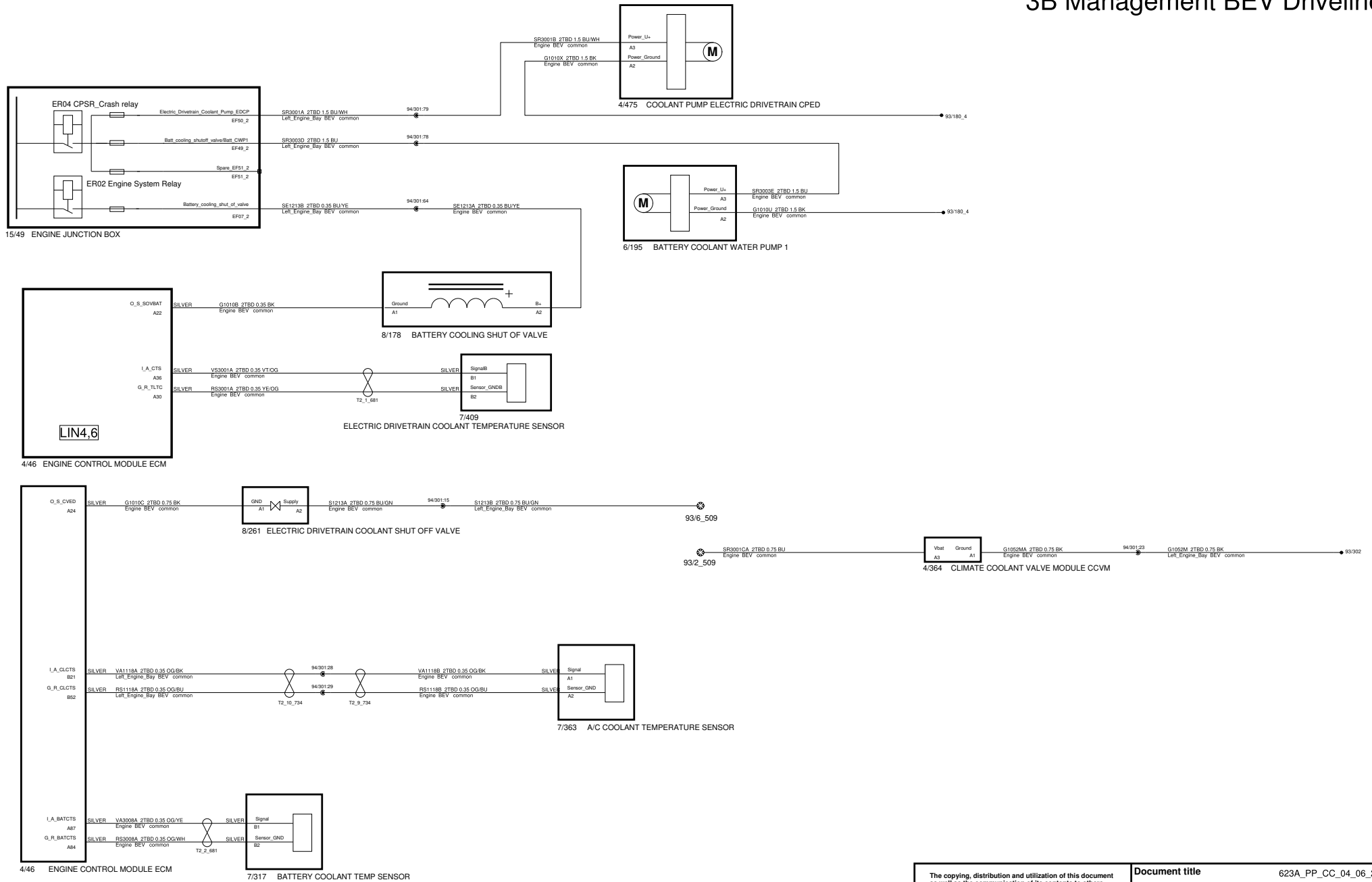
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3A_Engine_Management_VEP4_G3_(N_BEV)		RELEASED	
Document Type	CEVT Document No	8888522365	Edited
DRAW/ELSY	Issue	035	Page No
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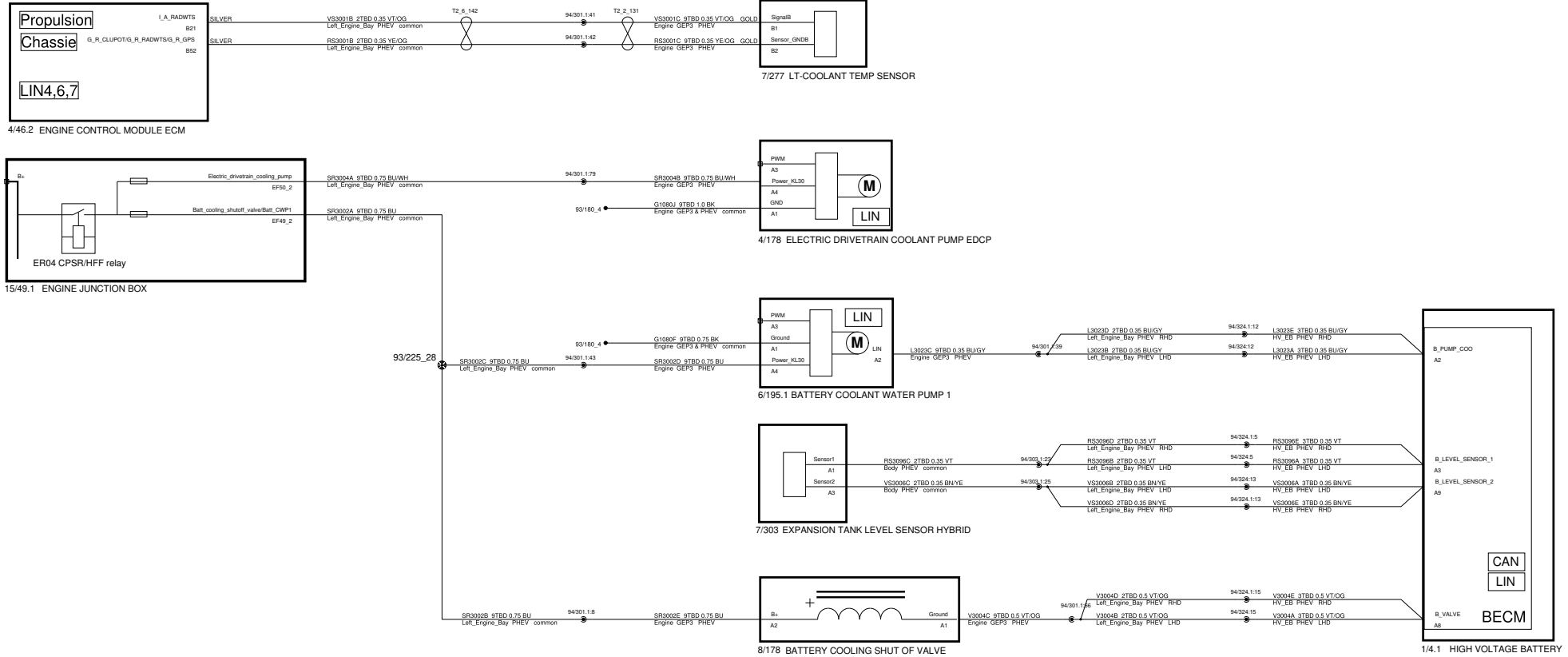
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3B Management BEV Driveline



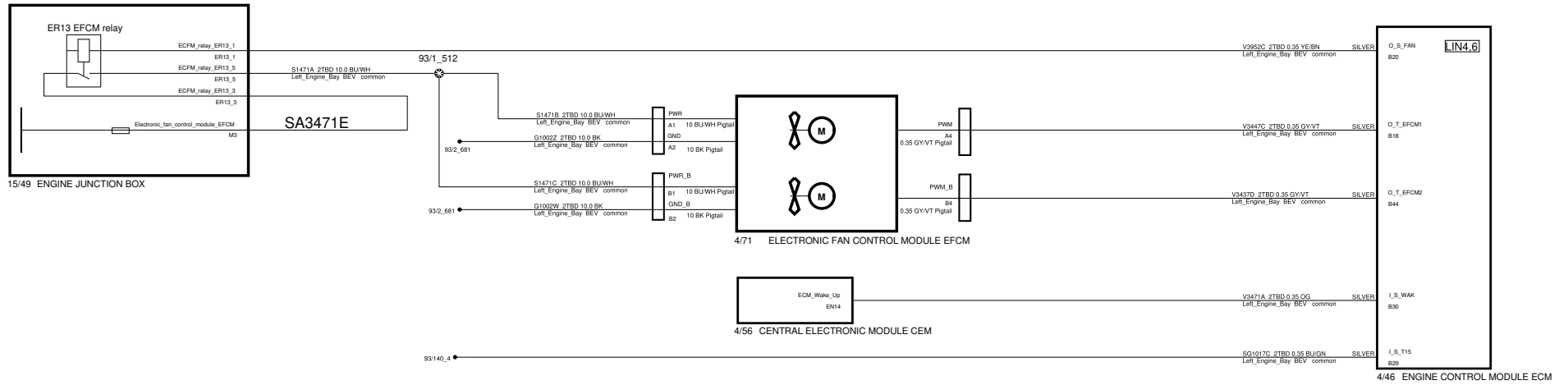
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		<p>Document Type DRAW/ELSY</p>	<p>Release Status RELEASED</p>
		<p>Volvo Document No 33445458</p>	<p>Edited April/13/2023</p>
		<p>Issue 035</p>	<p>Page No 84/146</p>

3B Management Hybrid Driveline (PHEV)

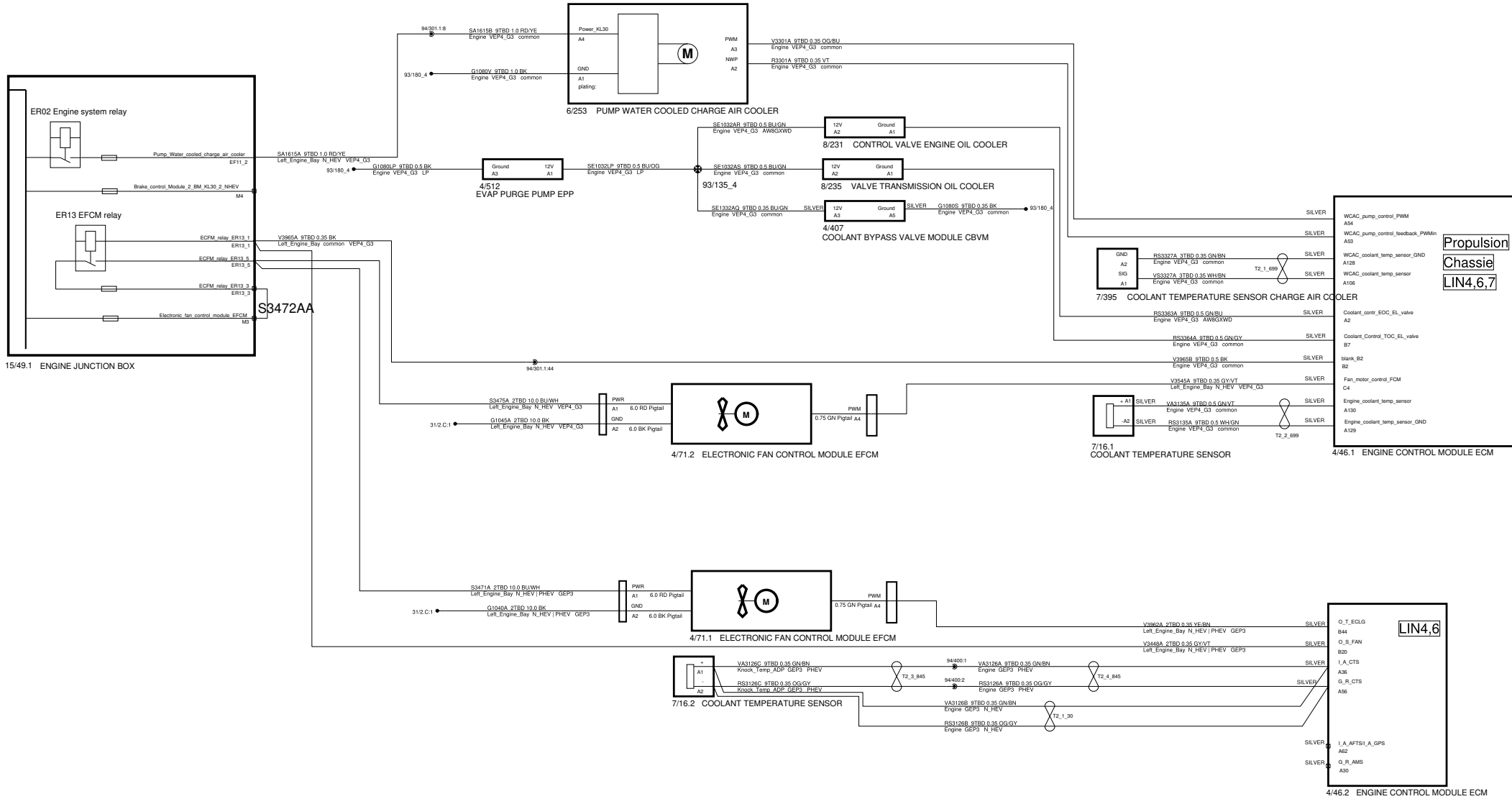


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3D Engine Thermal Management



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	<p>Document Type DRAW/ELSY</p>	<p>Release Status RELEASED</p>
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Propulsion
Chassis
LIN4,6,7

LIN4,6

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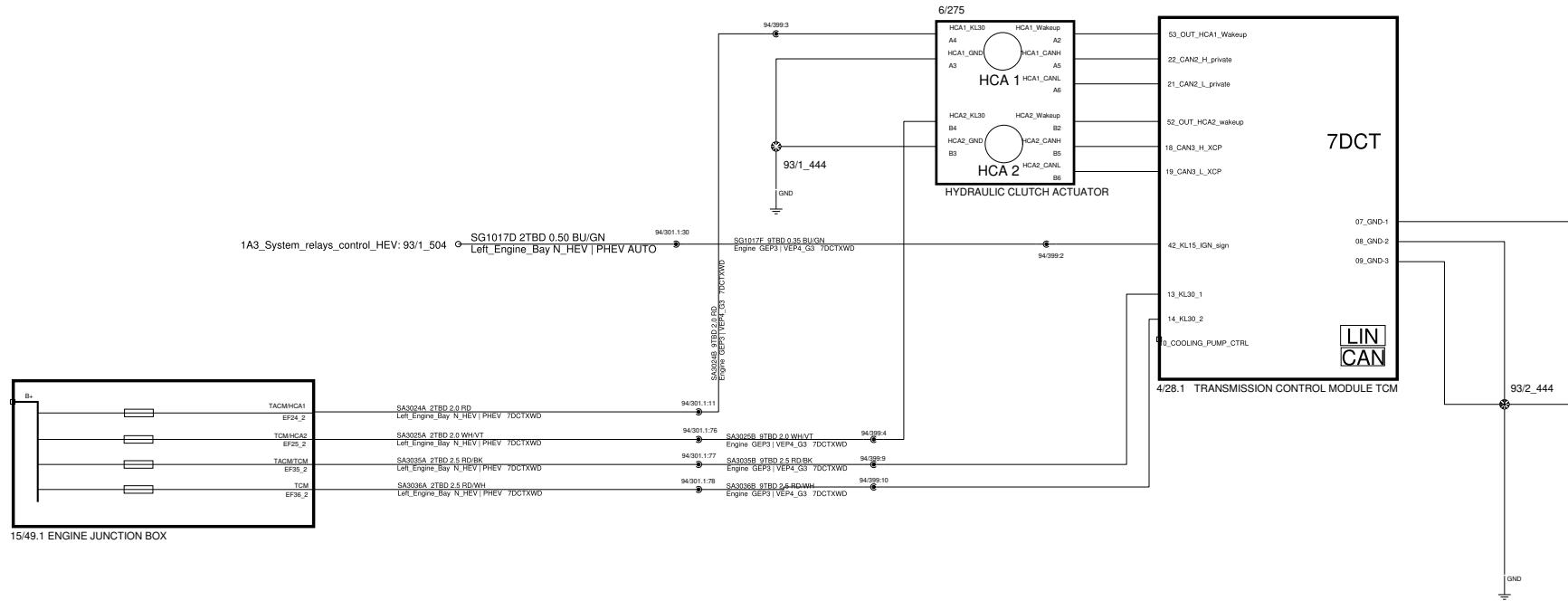
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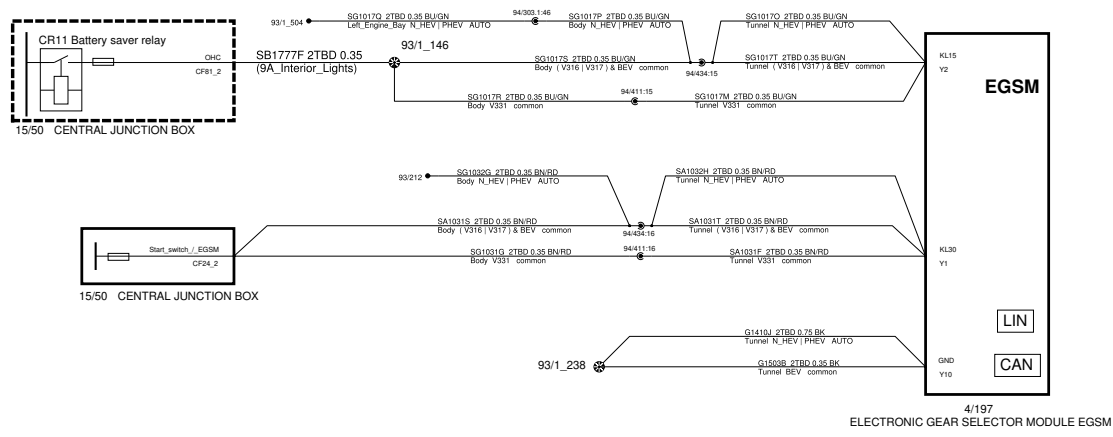
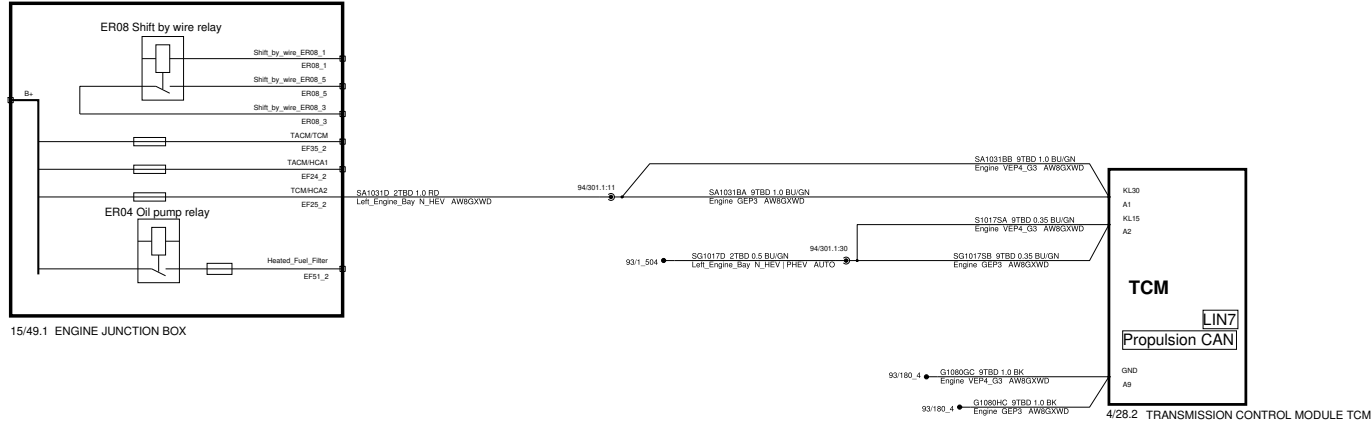
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3E Automatic Gear Shifting 7DCT



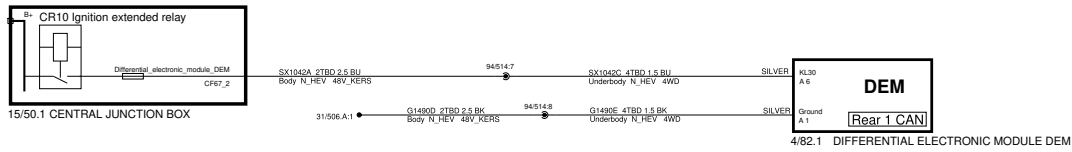
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	CEVT Document No 8888522365	Edited April/13/2023
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3E Automatic Gear Shifting



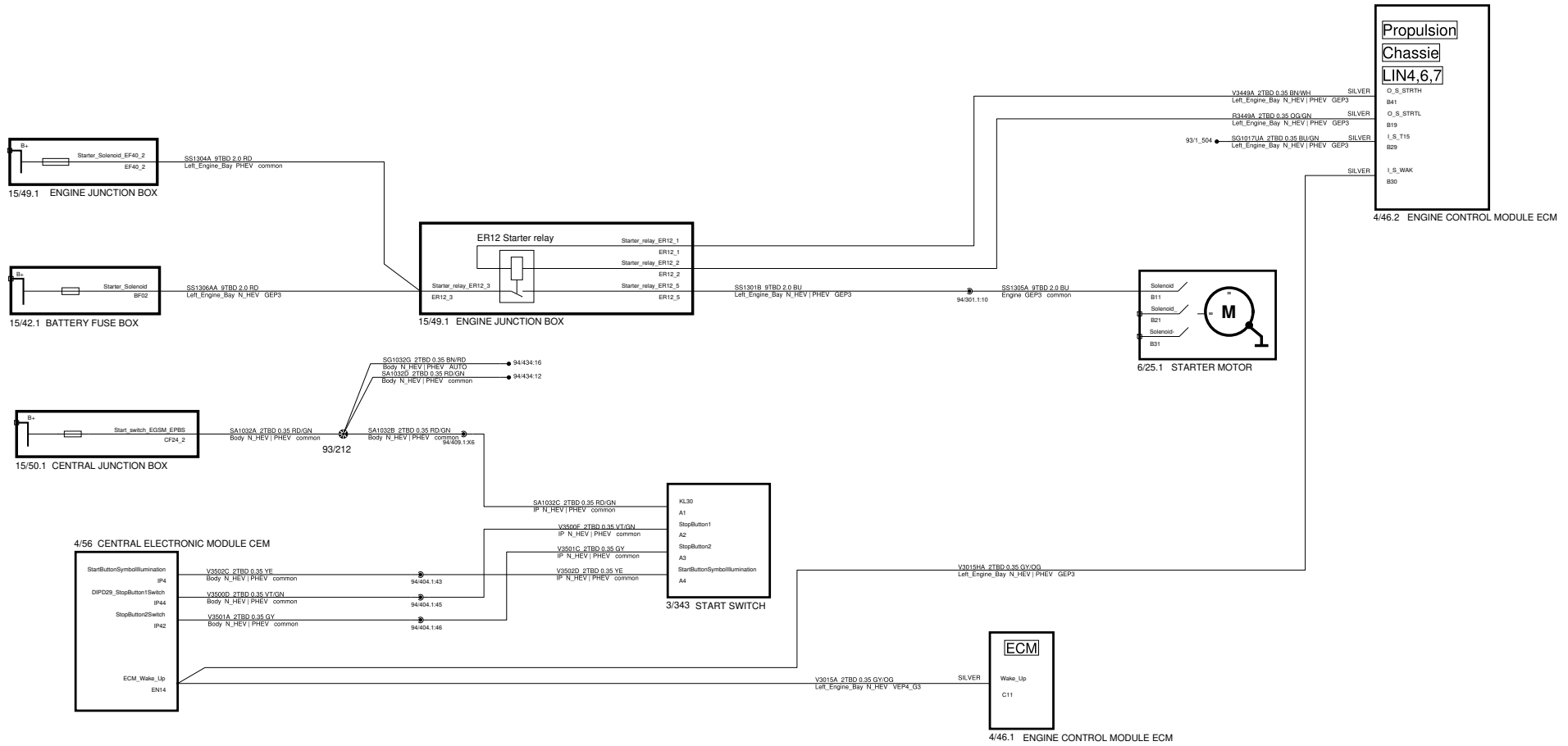
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		Document Type DRAW/ELSY	Release Status RELEASED
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		Issue 035	Page No 88/146

3G 4WD Transmission



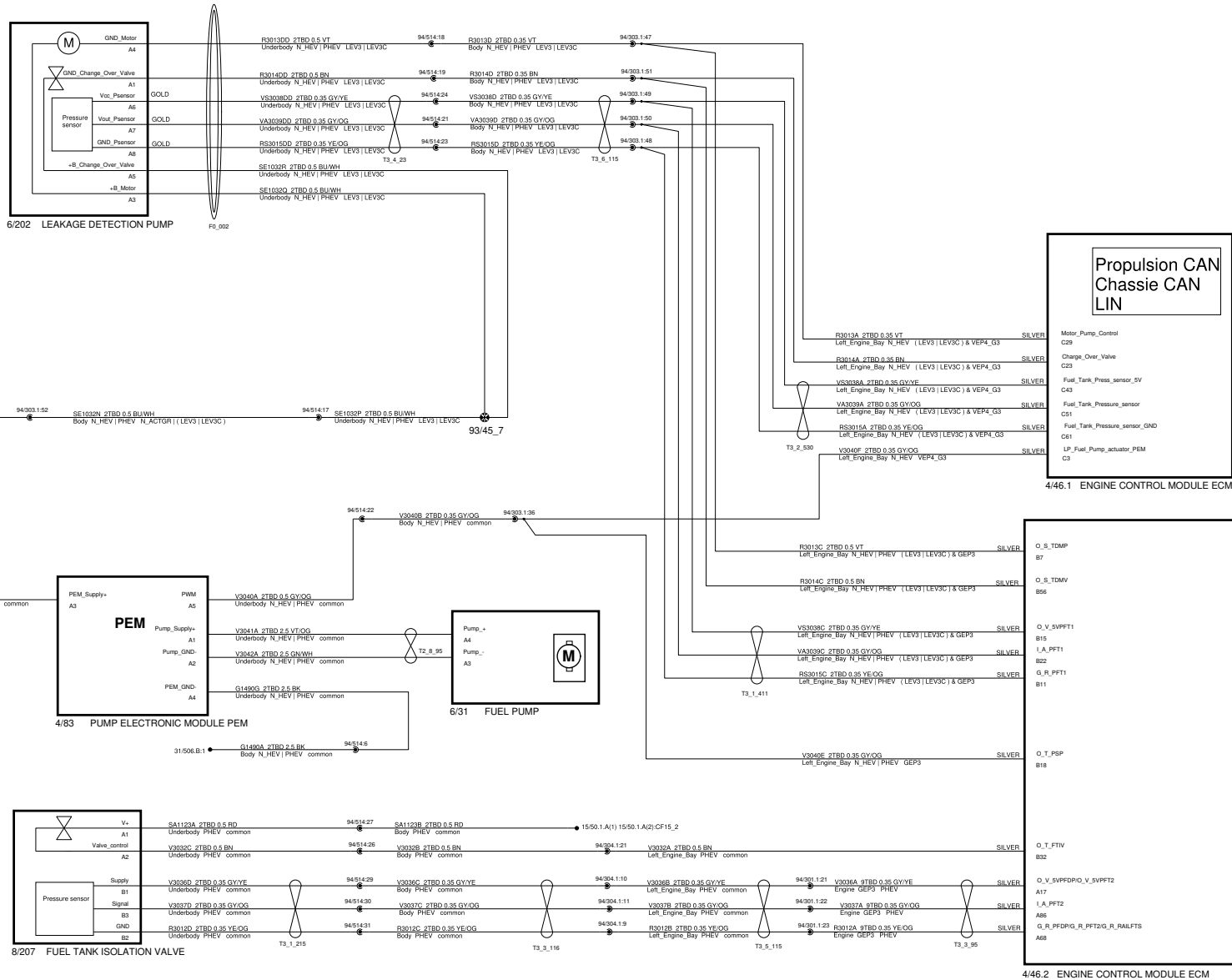
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	3G_4WD_Transmission	
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3M Engine Cranking (HEV)



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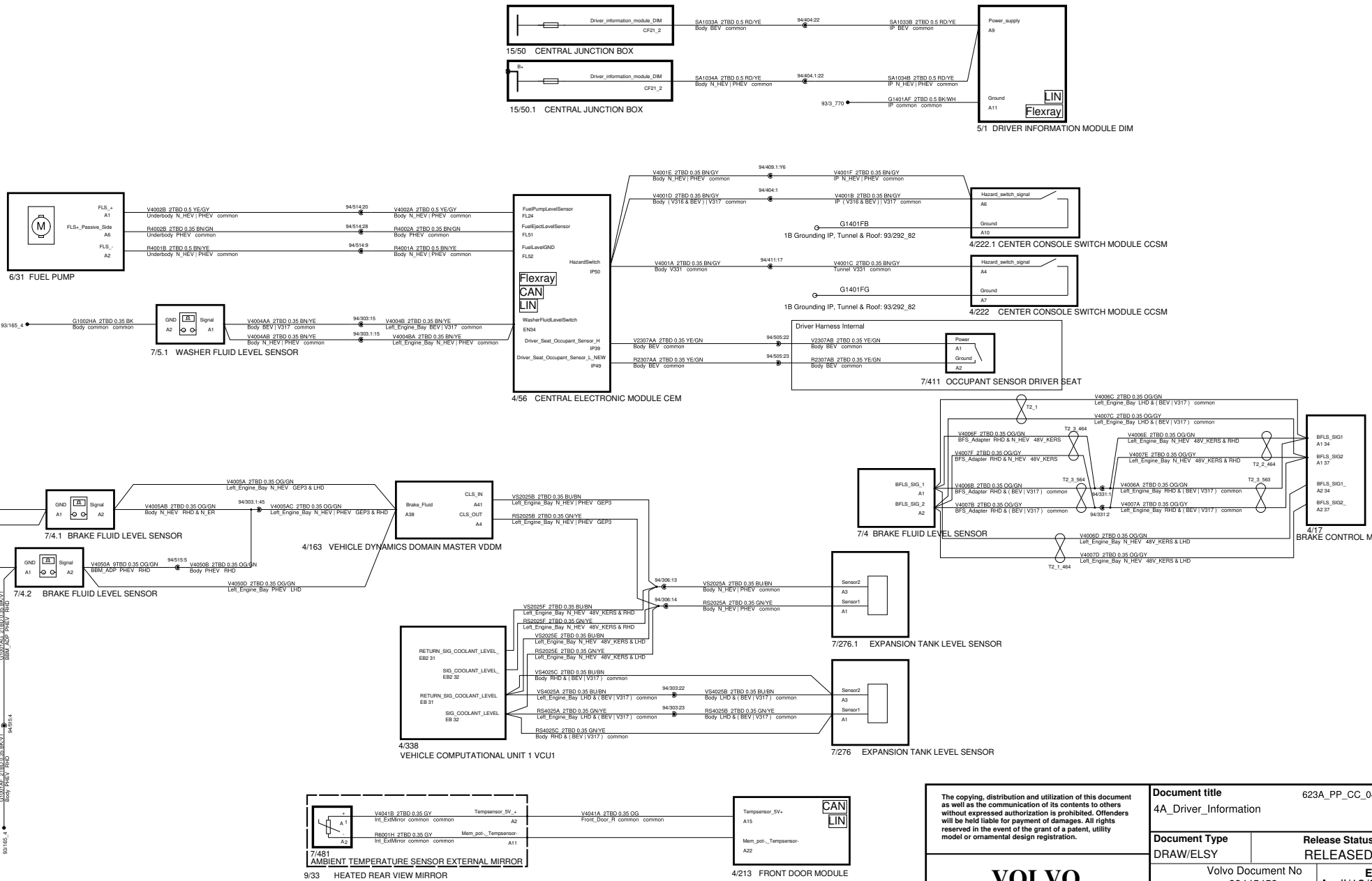
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3S_Fuel_Supply_Control

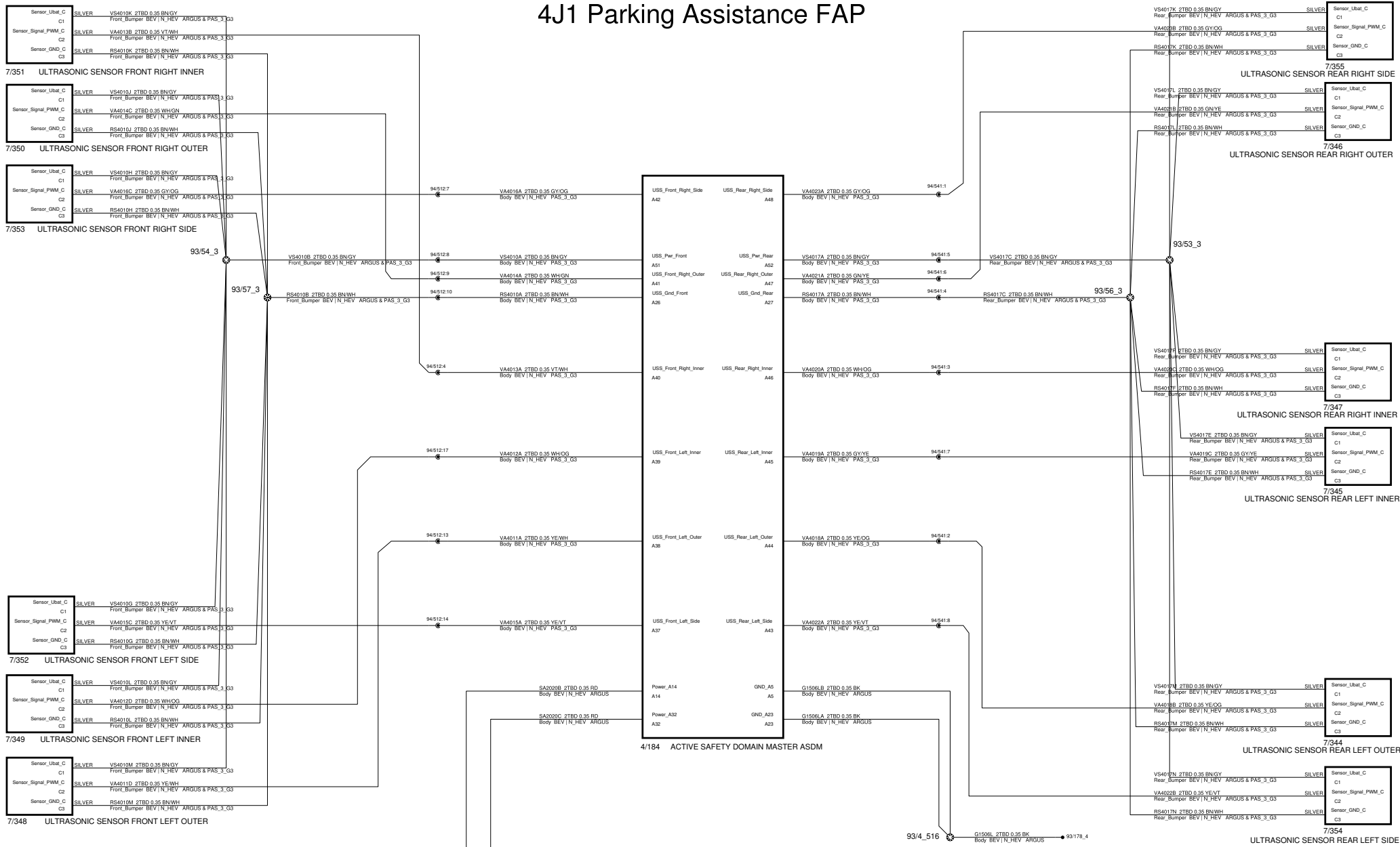
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4A Driver information



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		<p>Issue 035</p>		<p>Page No 93/146</p>	

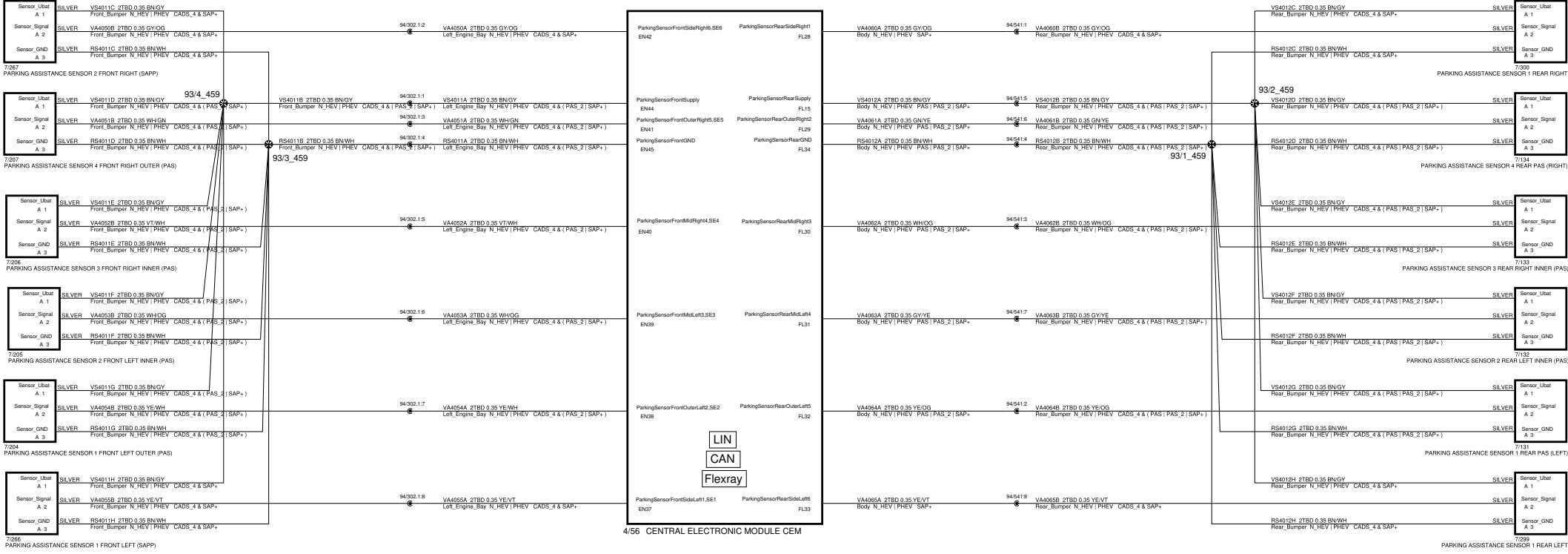
4J1 Parking Assistance FAP



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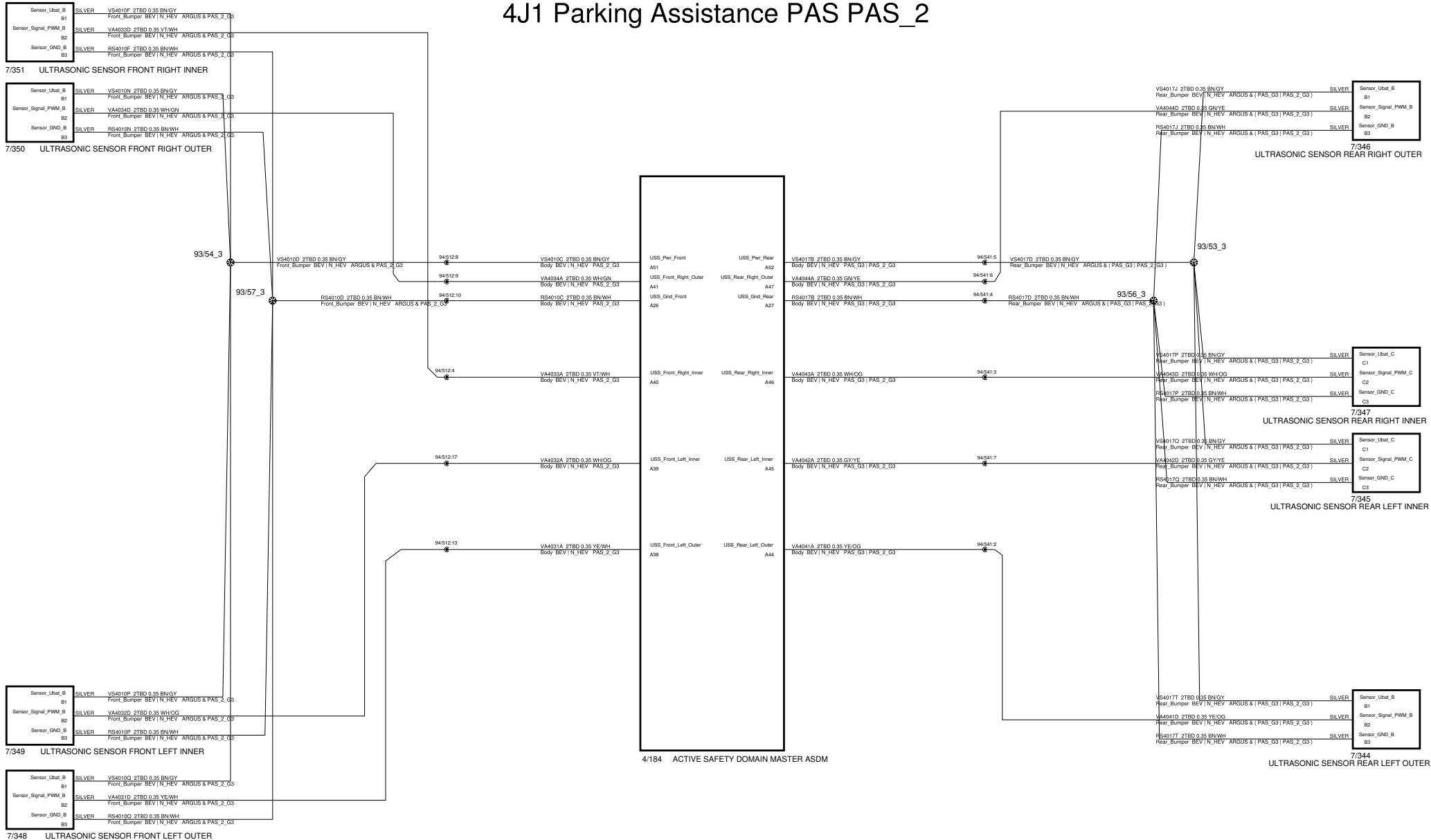
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4J1 Parking Assistance NBEV



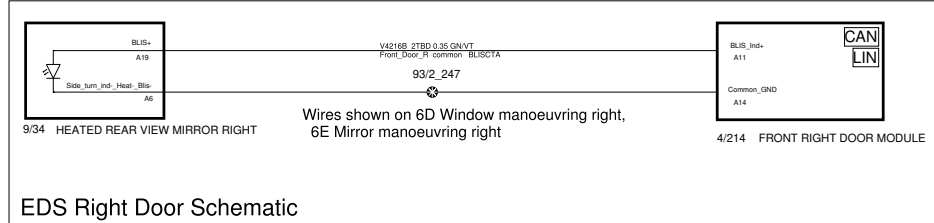
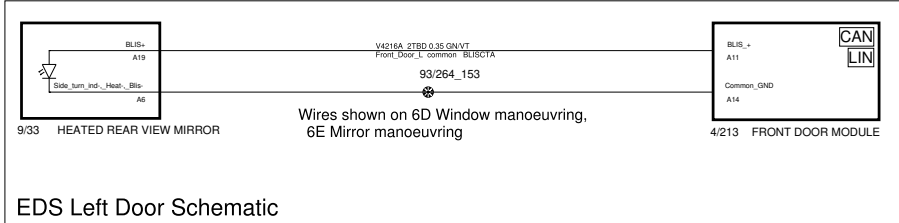
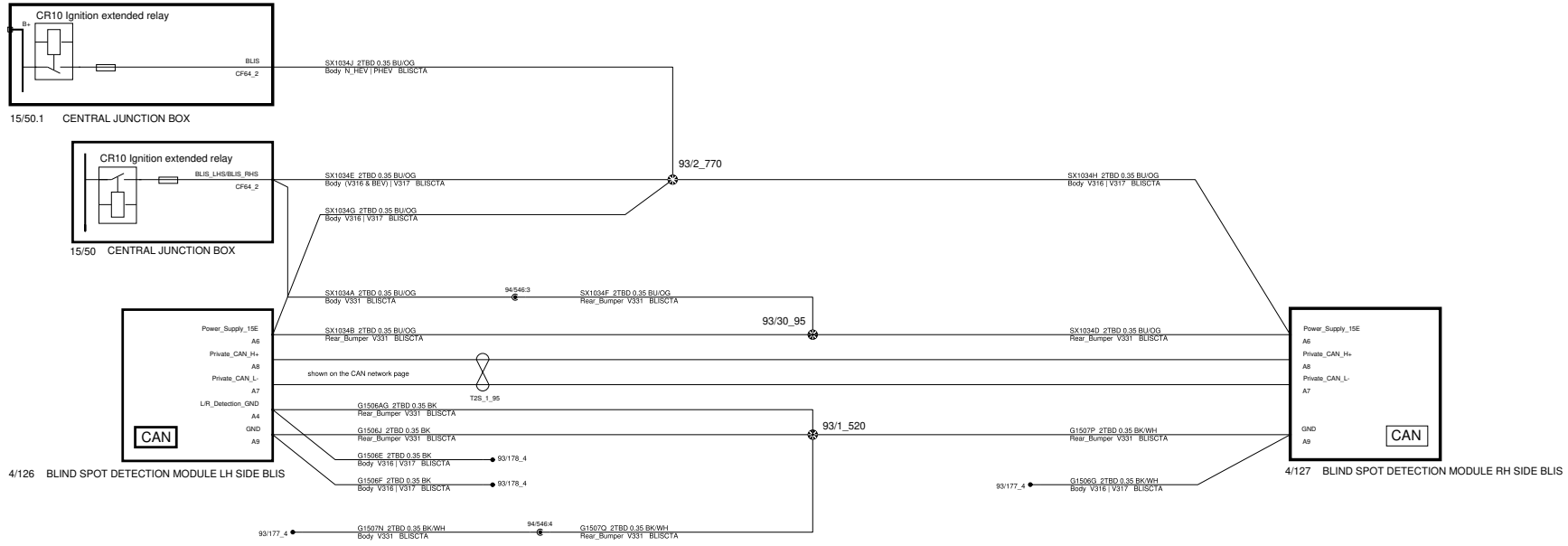
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	<p>Document Type DRAW/ELSY</p>	<p>Release Status RELEASED</p>
	<p>CEVT Document No 8888522365</p>	<p>Edited June/16/2021</p>
	<p>Issue 035</p>	<p>Page No 95/146</p>
	<p>7299 PARKING ASSISTANCE SENSOR 1 REAR LEFT</p>	

4J1 Parking Assistance PAS PAS_2



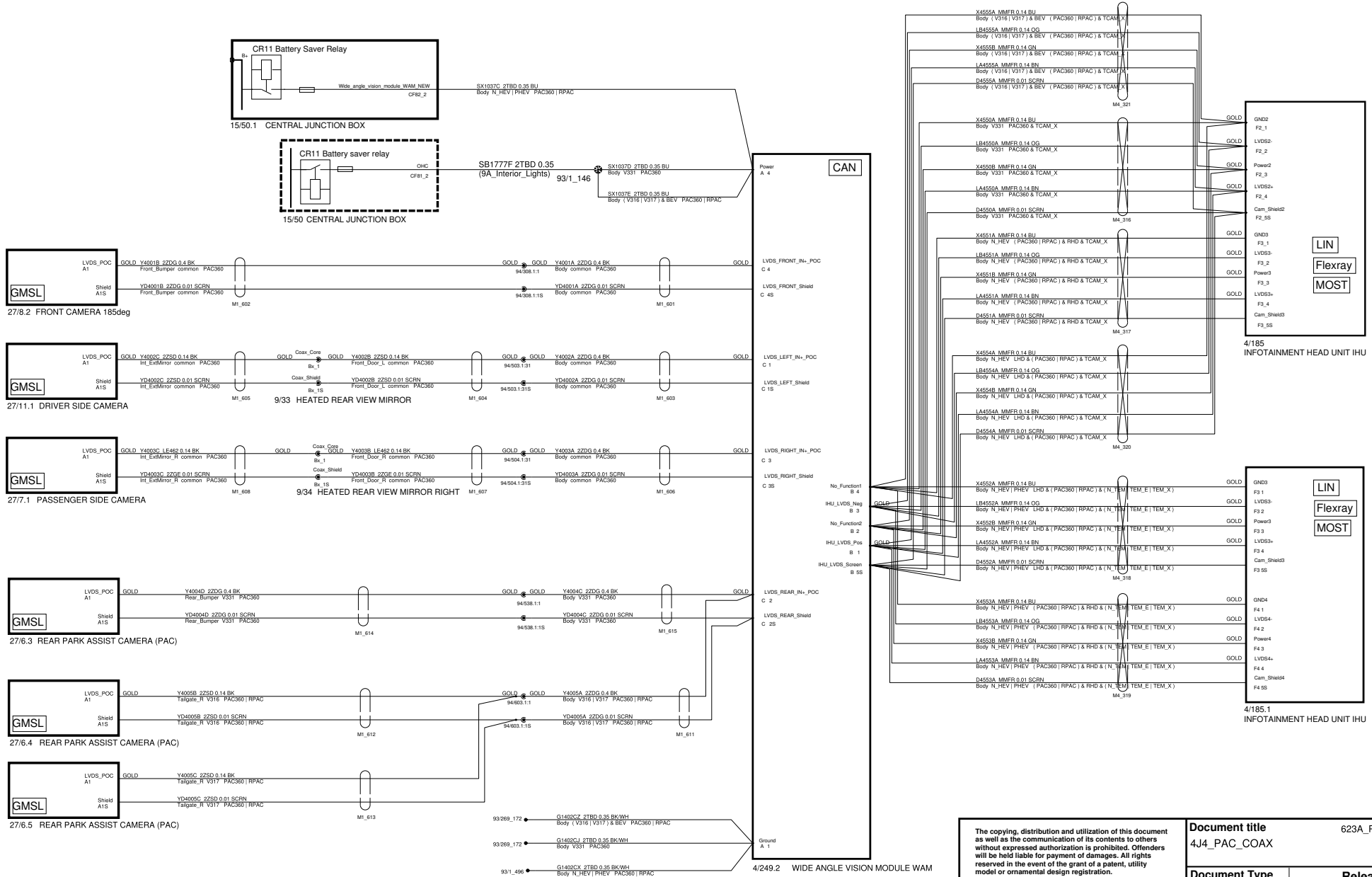
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	<p>Document Type DRAW/ELSY</p>	<p>Release Status RELEASED</p>
	<p>CEVT Document No 8888522365</p>	<p>Edited June/16/2021</p>
	<p>Issue 035</p>	<p>Page No 96/146</p>

4J2B Lane Change Aid

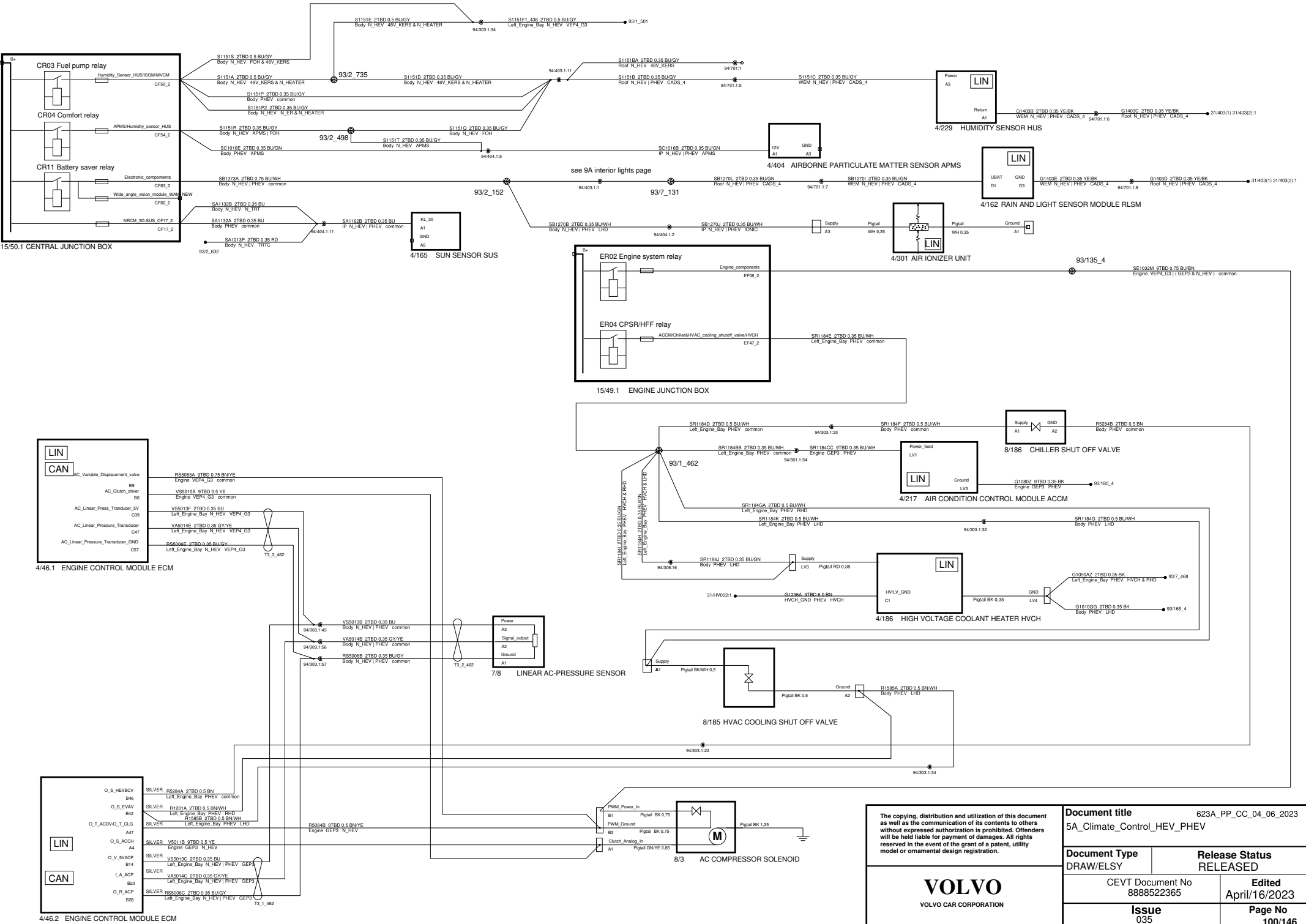


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		Document Type DRAW/ELSY	Release Status RELEASED
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4J4 PAC Visualisation/Driver Assistance COAX



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		<p>Issue 035</p>		<p>Page No 98/146</p>	

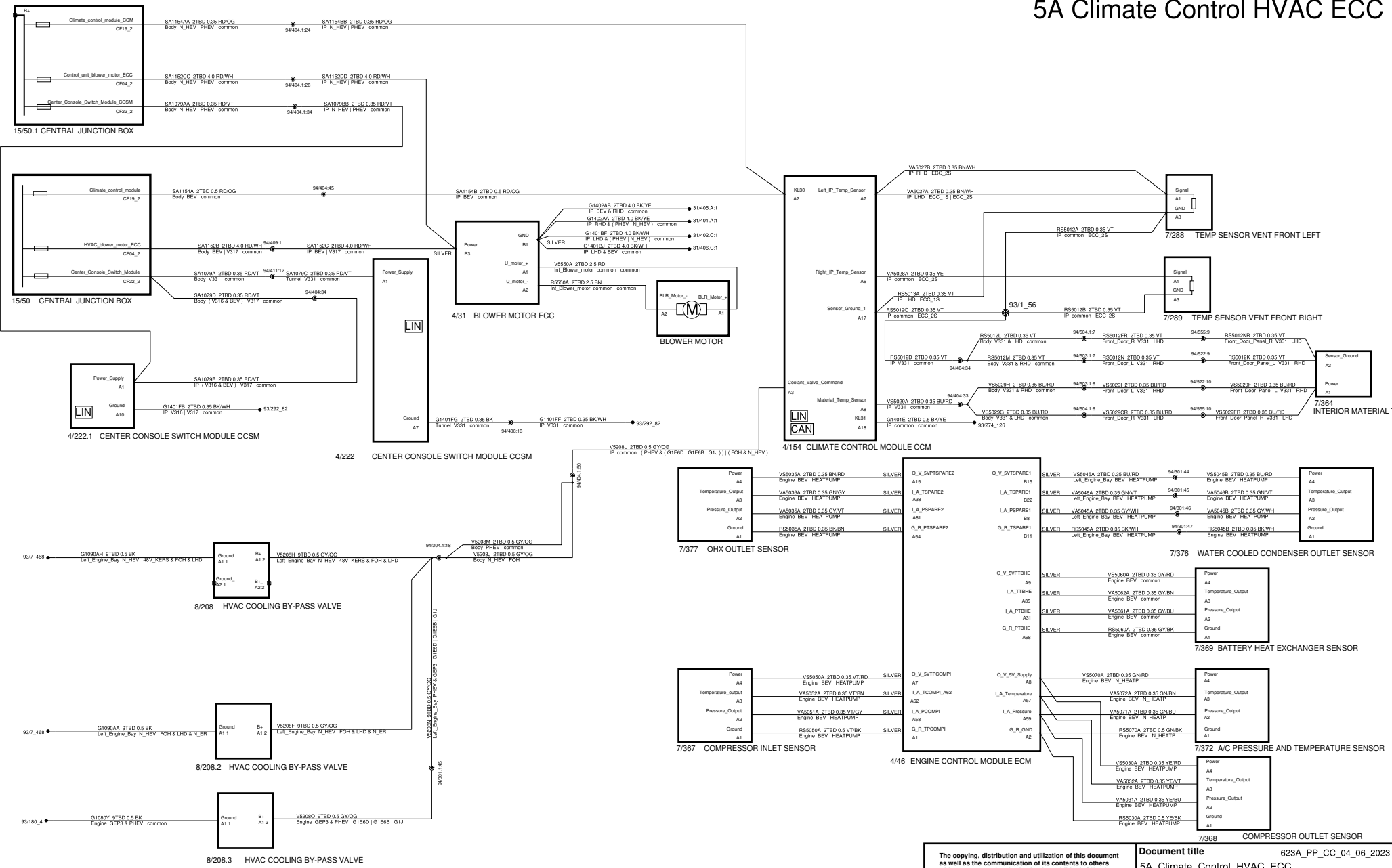


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Document title 623A_PP_CC_04_06_2023 5A_Climate_Control_HEV_PHEV	
Document Type DRAW/ELSY	Release Status RELEASED
CEVT Document No 8888522365	Edited April/16/2023
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5A Climate Control HVAC ECC



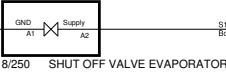
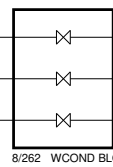
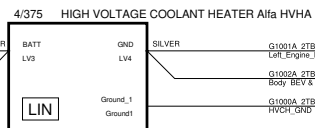
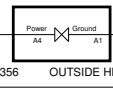
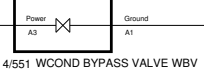
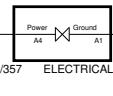
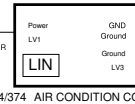
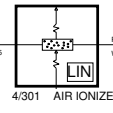
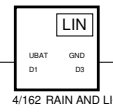
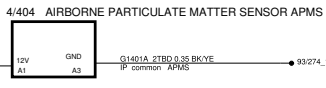
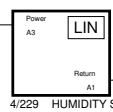
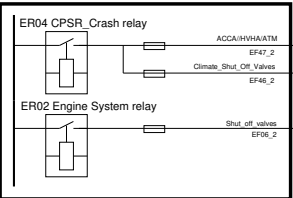
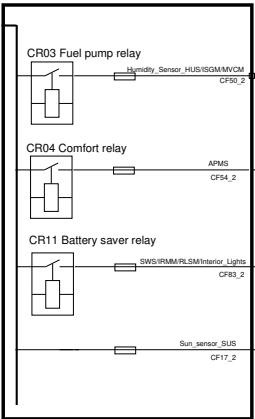
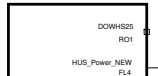
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5A Climate Control

A



A

B

C

D

E

F

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	<p>Document Type DRAW/ELSY</p>	<p>Release Status RELEASED</p>	
	<p>Volvo Document No 33445458</p>		<p>Edited April/16/2023</p>
	<p>Issue 035</p>	<p>Page No 99/146</p>	

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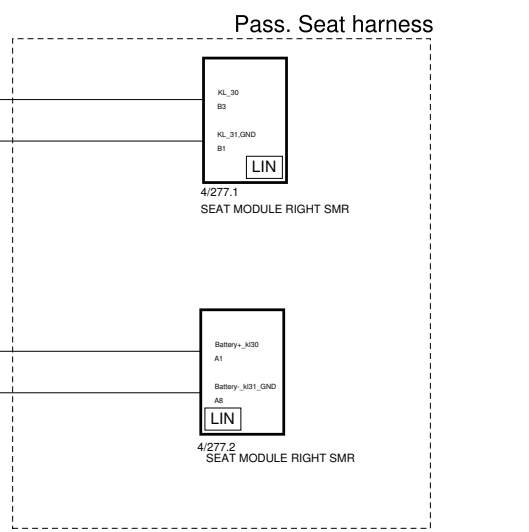
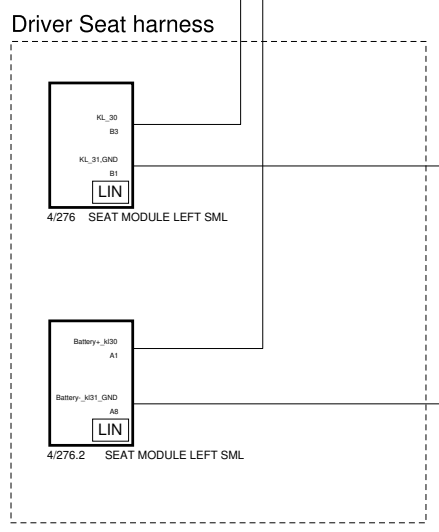
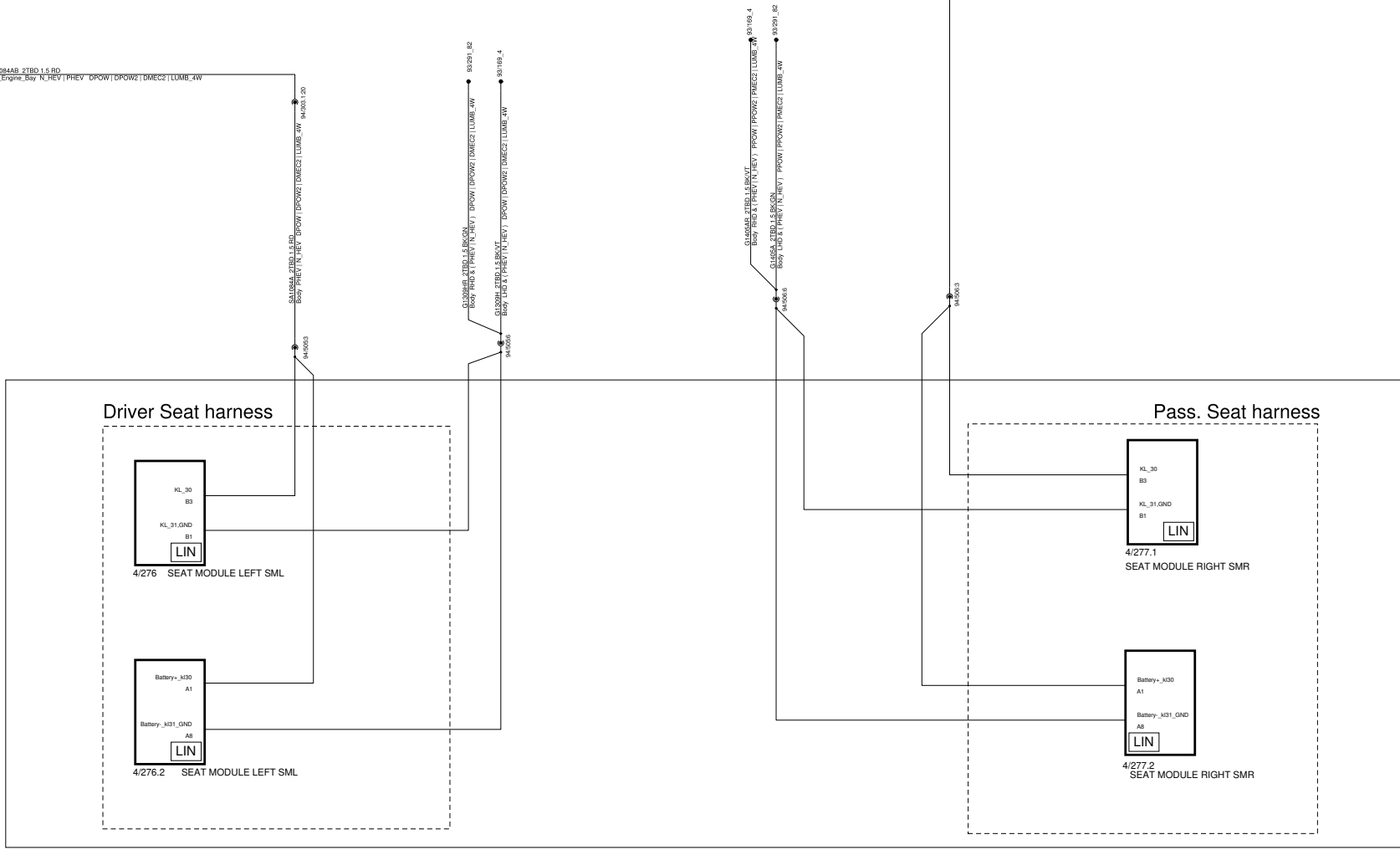
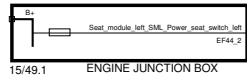
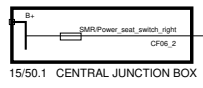
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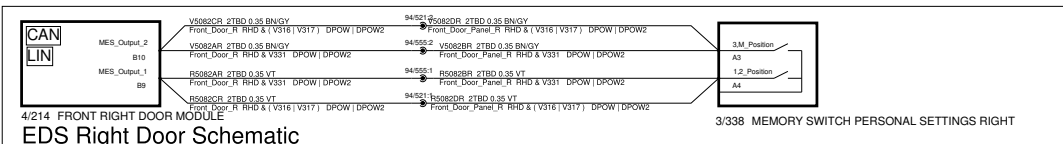
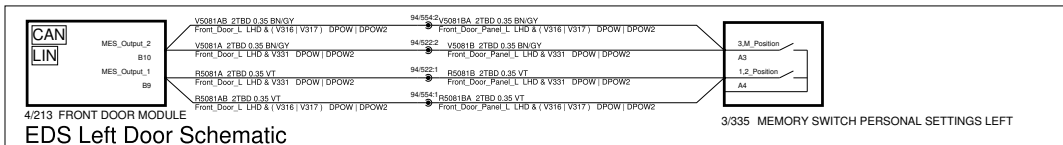
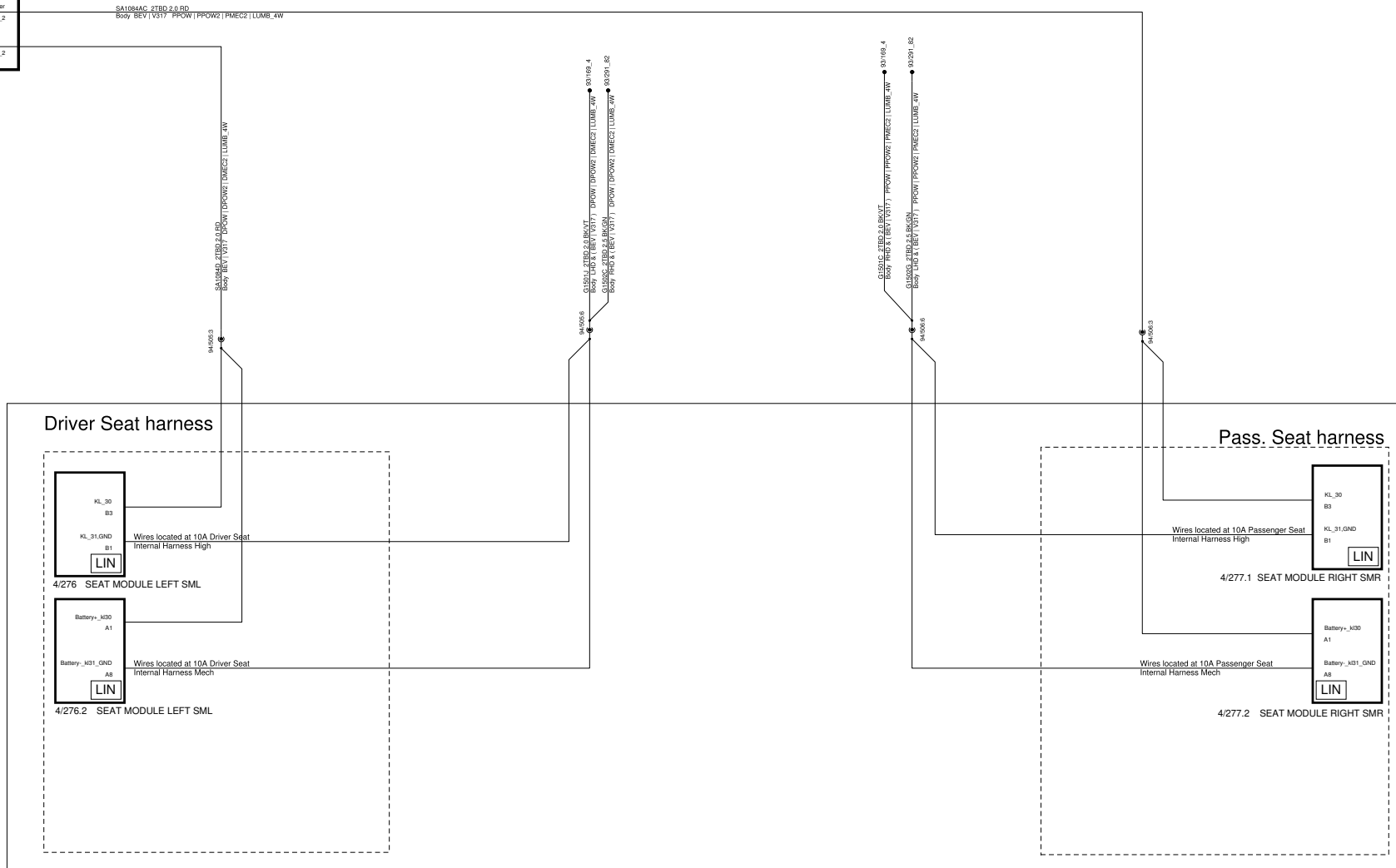
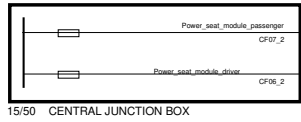


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Document title		623A_PP_CC_04_06_2023	
5B_Front_Seat_Comfort_PHEV			
Document Type	DRAW/ELSY	Release Status	RELEASED
CEVT Document No 8888522365		Edited April/16/2023	
Issue 035		Page No 103/146	

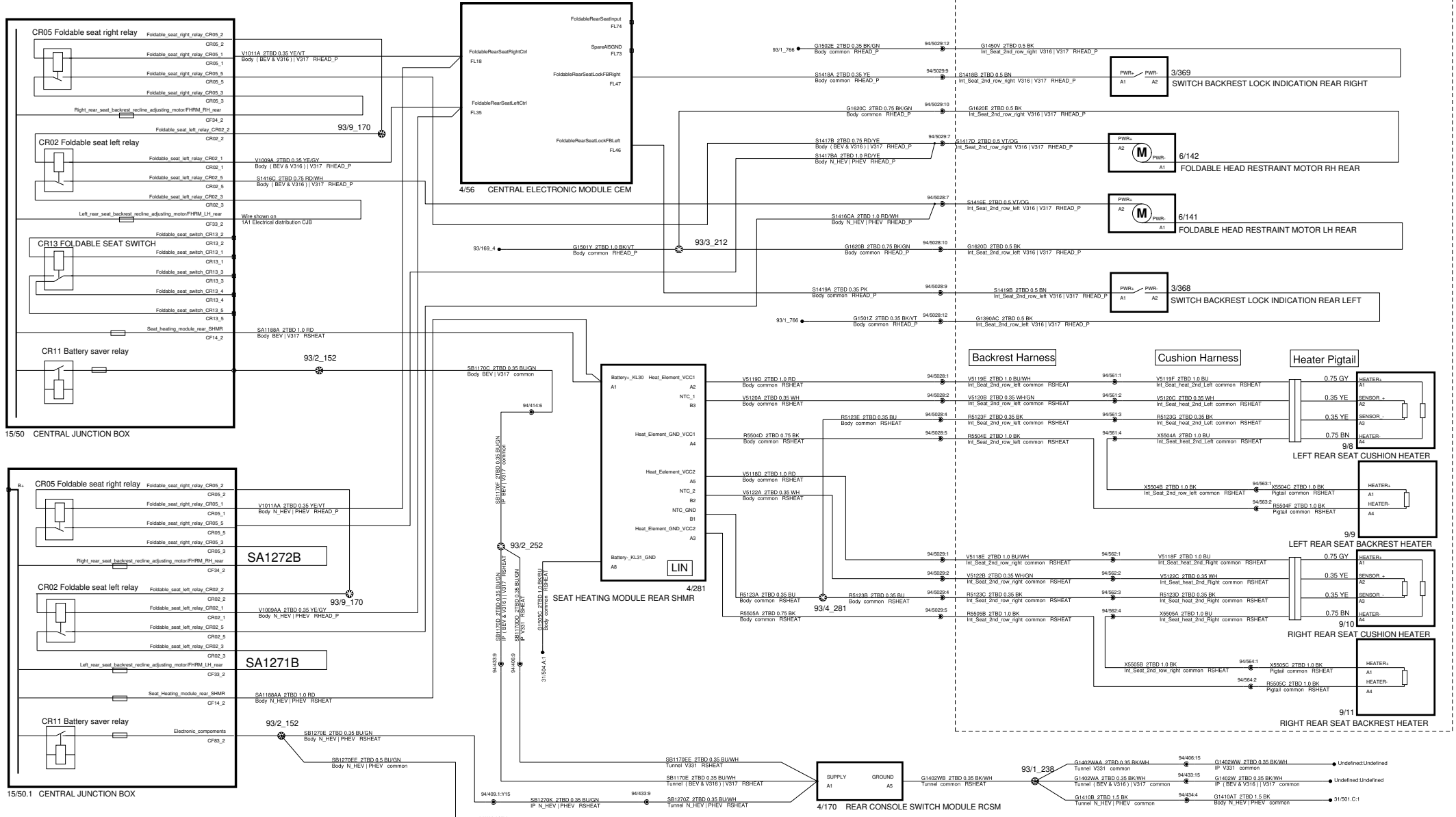
5B Front Seat Comfort



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<p>VOLVO</p> <p>VOLVO CAR CORPORATION</p>		<p>Volvo Document No</p> <p>33445458</p>	<p>Edited</p> <p>April/16/2023</p>
		<p>Issue</p> <p>035</p>	<p>Page No</p> <p>102/146</p>

5B Rear Seat Comfort

Rear Seat Harness



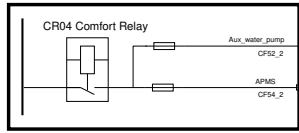
Continues through
 - 8A_Exterior_Light_Front
 - 9A_Interior_Lights

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<p>Document Type DRAW/ELSY</p>		<p>Release Status RELEASED</p>	
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<p>Issue 035</p>		<p>Page No 104/146</p>	

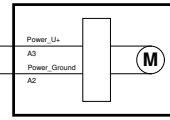


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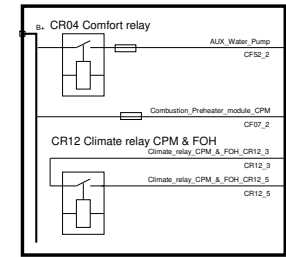
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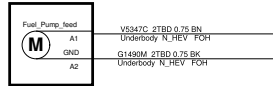
15/50 CENTRAL JUNCTION BOX



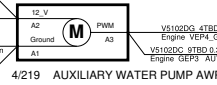
4/694 COMPARTMENT COOLANT PUMP MODULE CCPM



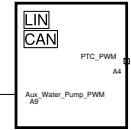
15/50.1 CENTRAL JUNCTION BOX



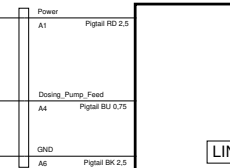
6/35 FUEL PUMP PARKING HEATER



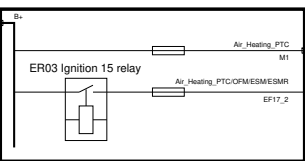
4/219 AUXILIARY WATER PUMP AWP



4/154 CLIMATE CONTROL MODULE CCM



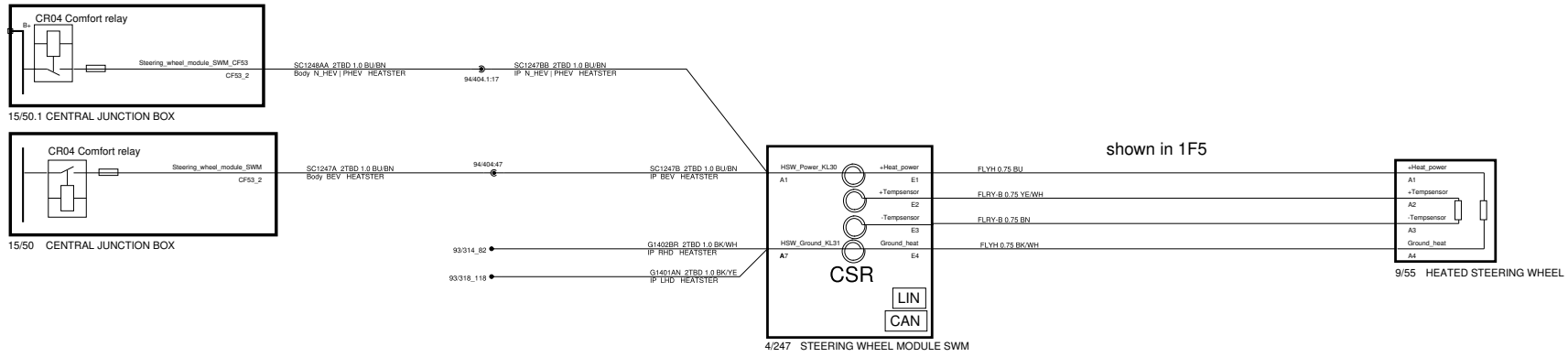
4/7 COMBUSTION PREHEATER MODULE CPM



15/49.1 ENGINE JUNCTION BOX

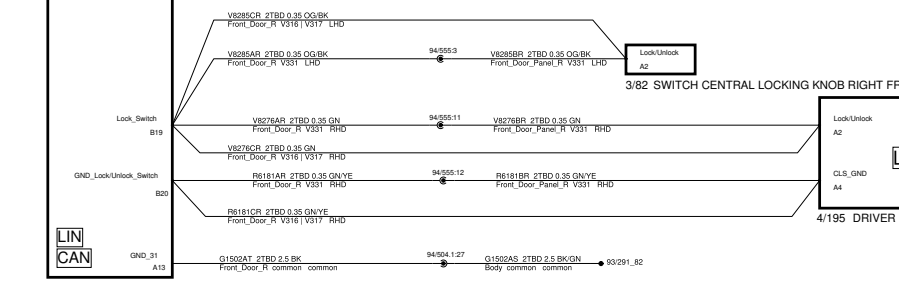
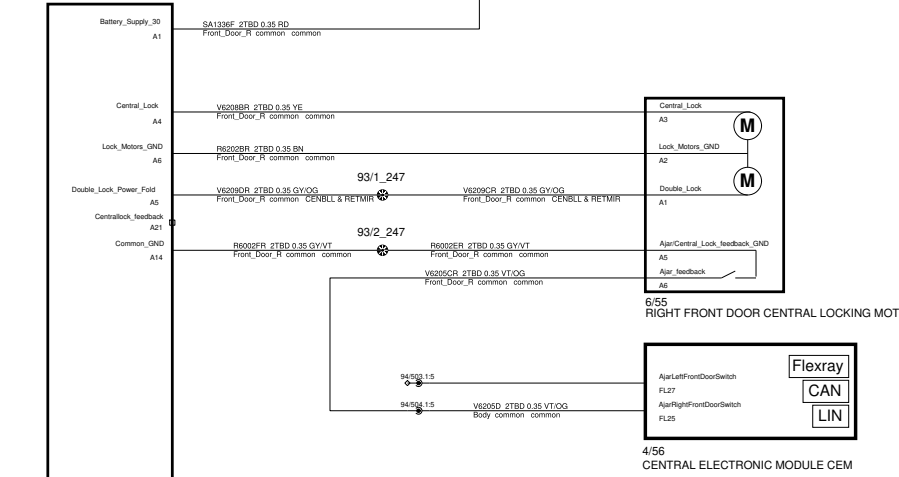
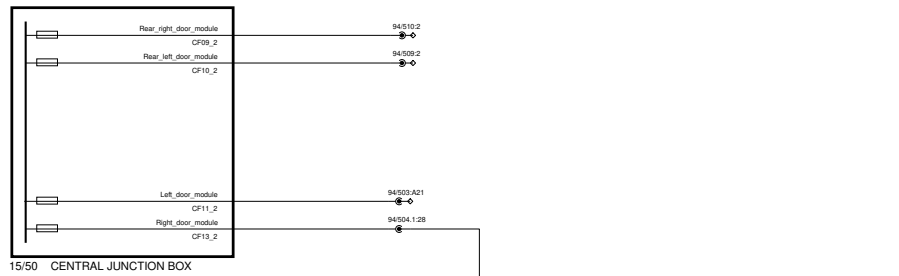
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	<p>Document Type</p> <p>DRAW/ELSY</p>	<p>Release Status</p> <p>RELEASED</p>
	<p>Volvo Document No</p> <p>33445458</p>	<p>Edited</p> <p>April/16/2023</p>
	<p>Issue</p> <p>035</p>	<p>Page No</p> <p>105/146</p>

5G Steering Wheel Heating



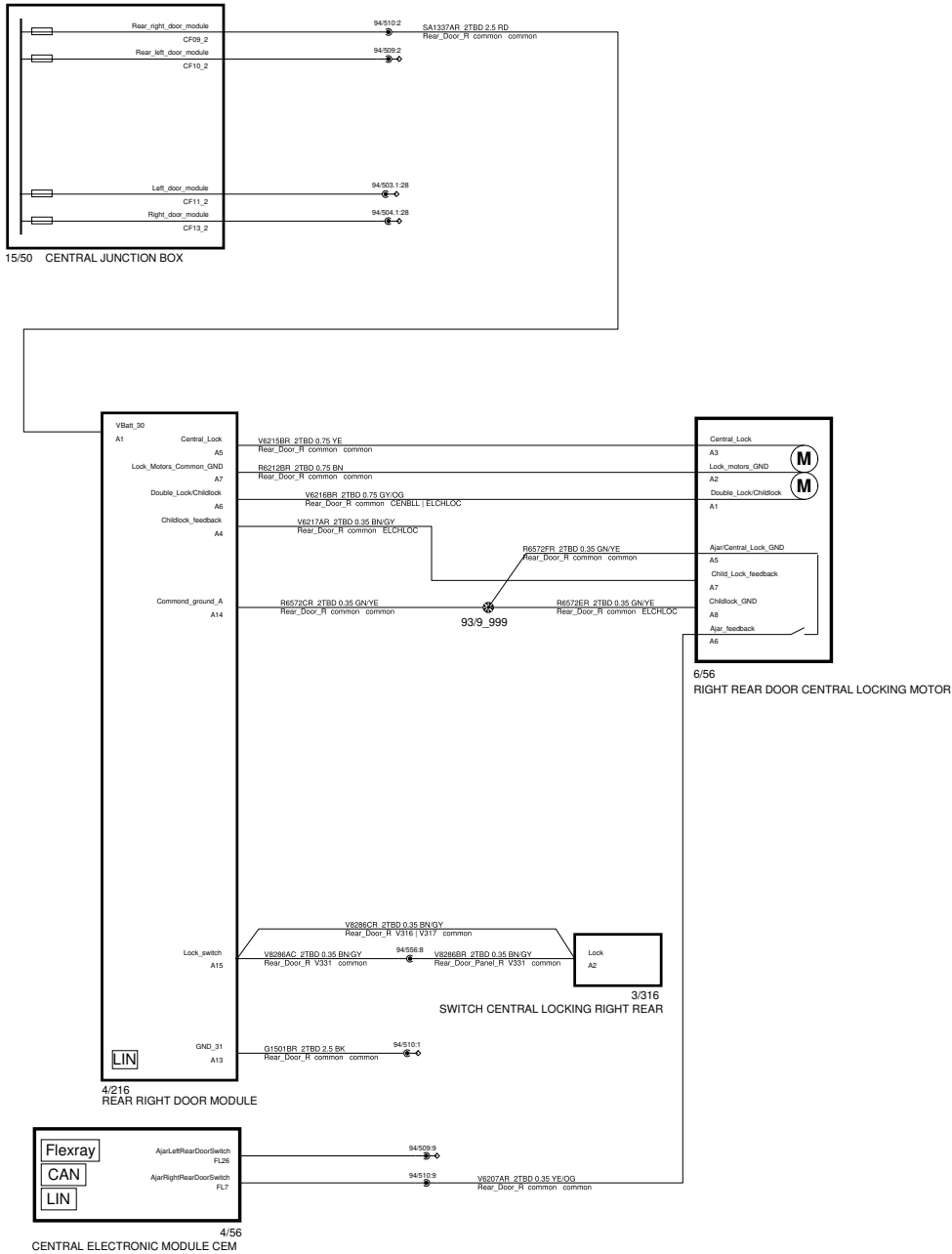
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	Document Type DRAW/ELSY	Release Status RELEASED
	Volvo Document No 33445458	Edited April/16/2023
	Issue 035	Page No 106/146

6A Locking Front Right



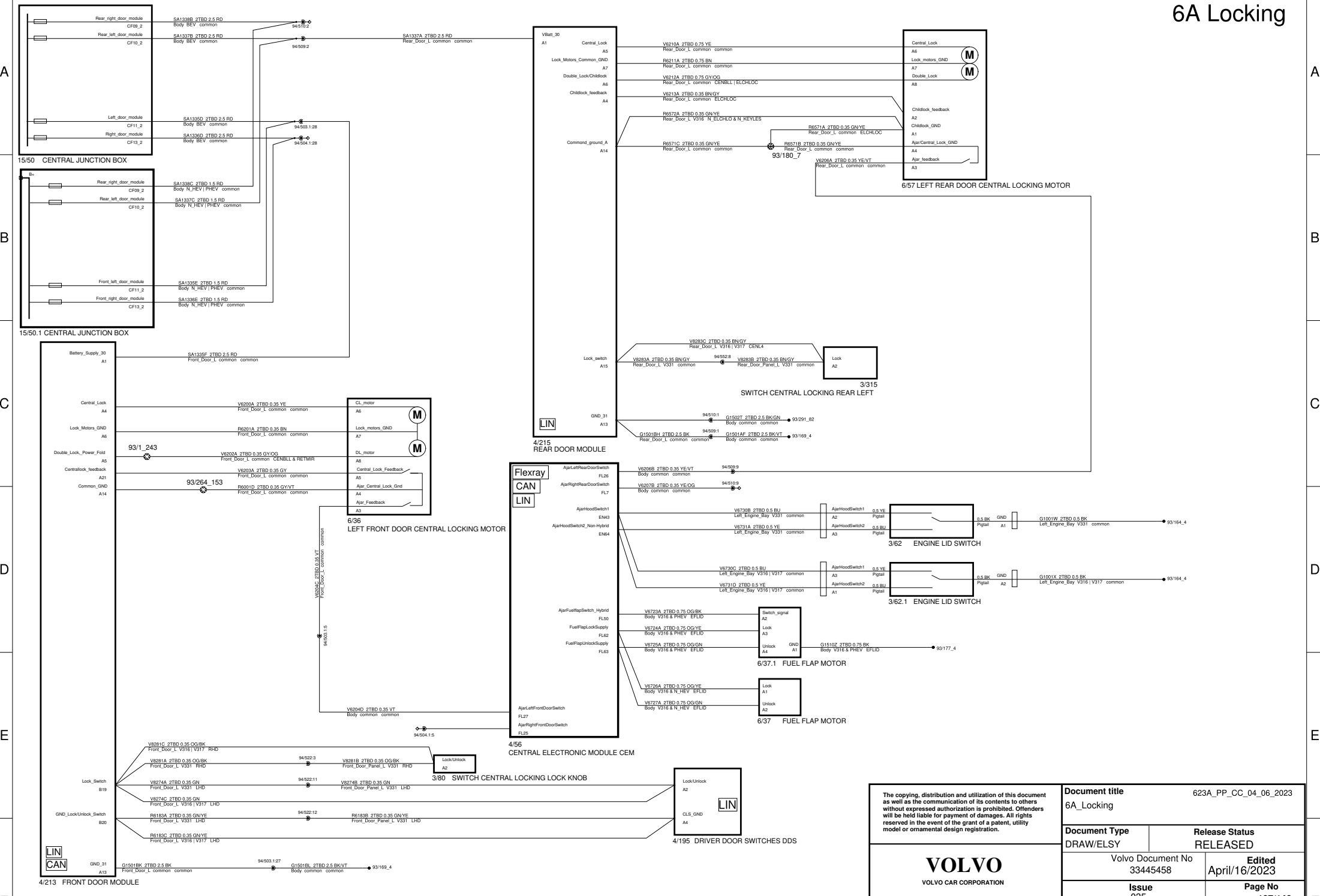
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	Document Type DRAW/ELSY	Release Status RELEASED
	CEVT Document No 8888522365	Edited April/16/2023
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6A Locking Rear Right



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	<p>Document Type DRAW/ELSY</p>	<p>Release Status RELEASED</p>
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	<p>Issue 035</p>	<p>Page No 109/146</p>

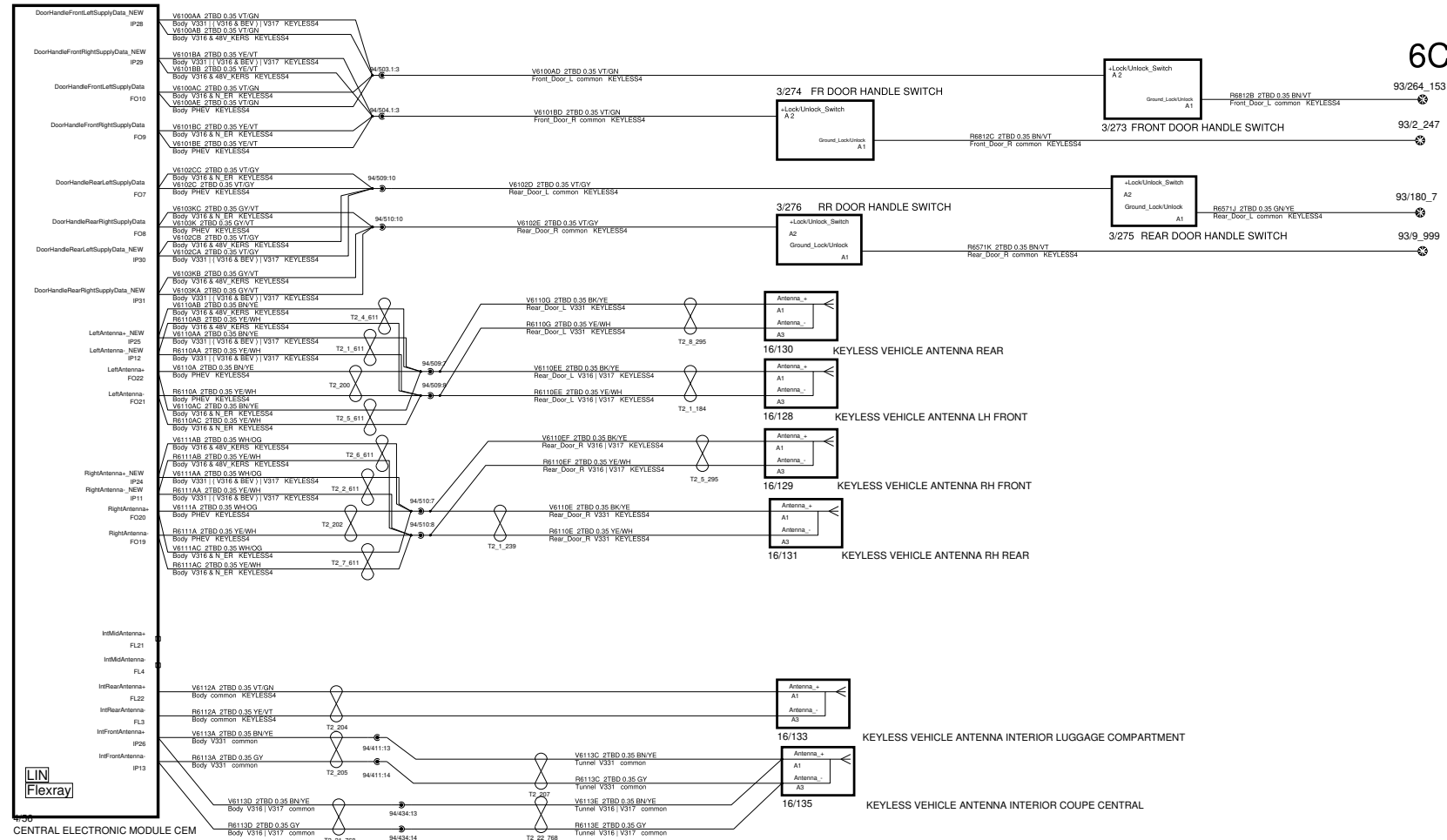
6A Locking



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Document Type DRAW/ELSY	Release Status RELEASED		
Volvo Document No 33445458	Edited April/16/2023		
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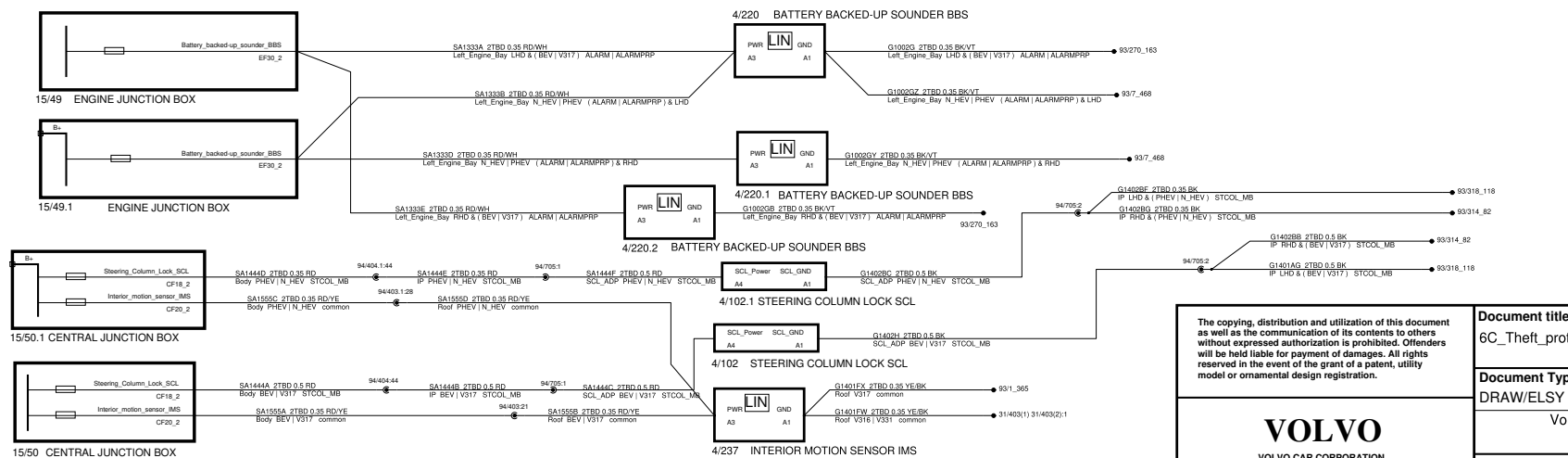
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6C Theft Protection



Passive unlocking

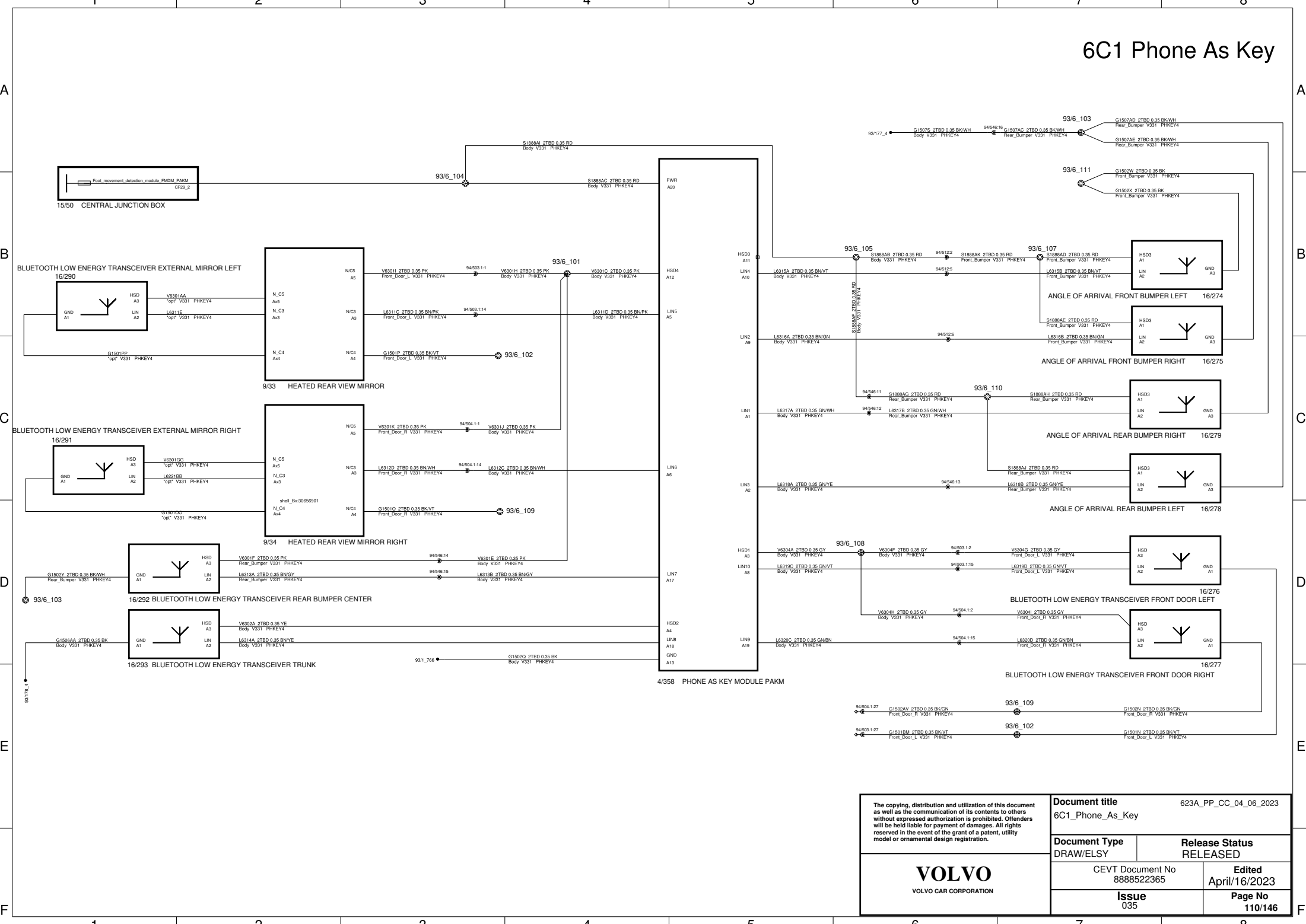
Immobilizing



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<p>Document Type DRAW/ELSY</p>	<p>Release Status RELEASED</p>		
<p>Volvo Document No 33445458</p>		<p>Edited April/16/2023</p>	
<p>Issue 035</p>		<p>Page No 111/146</p>	

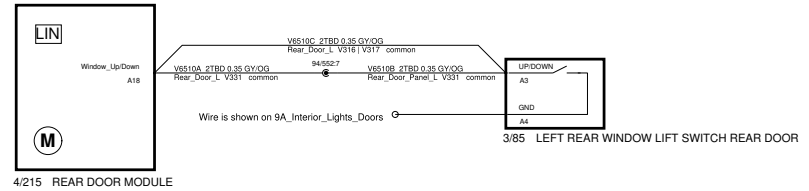
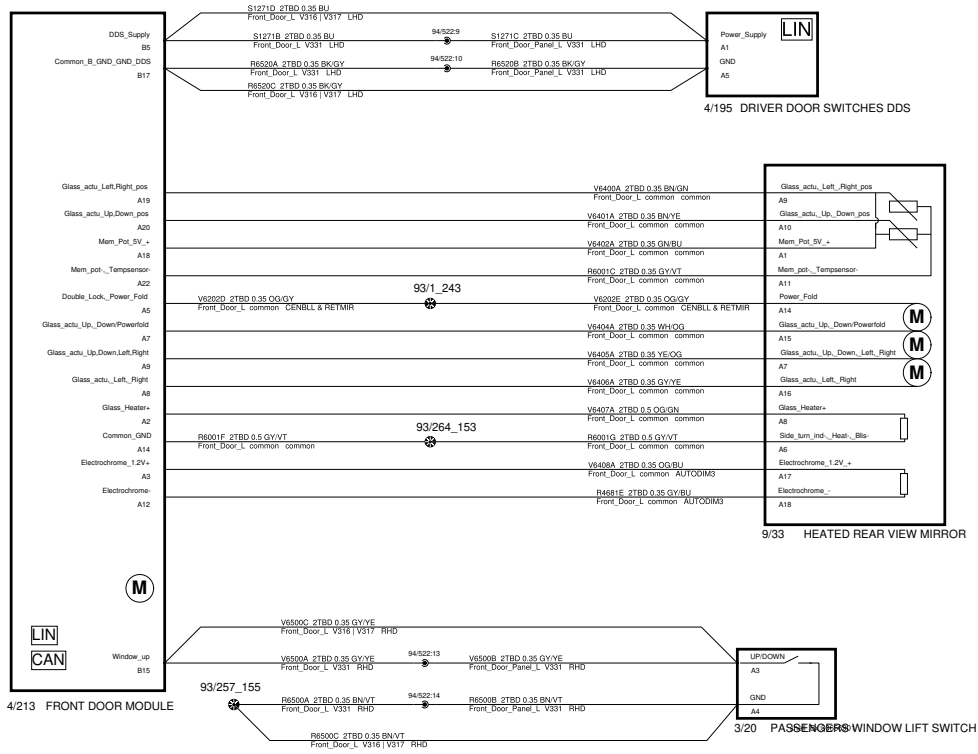
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6C1 Phone As Key



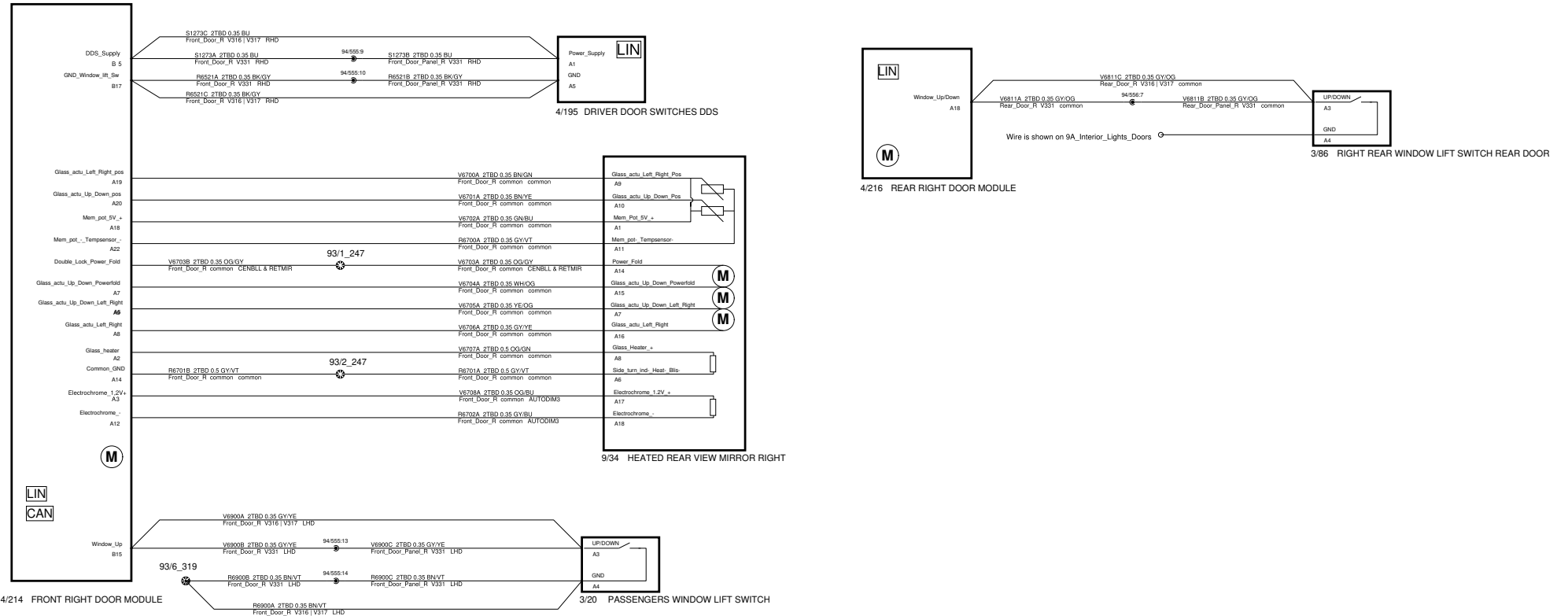
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		<p>Document Type DRAW/ELSY</p>	<p>Release Status RELEASED</p>		
		<p>CEVT Document No 8888522365</p>	<p>Edited April/16/2023</p>		
		<p>Issue 035</p>	<p>Page No 110/146</p>		

6D Window manoeuvring 6E Mirror manoeuvring



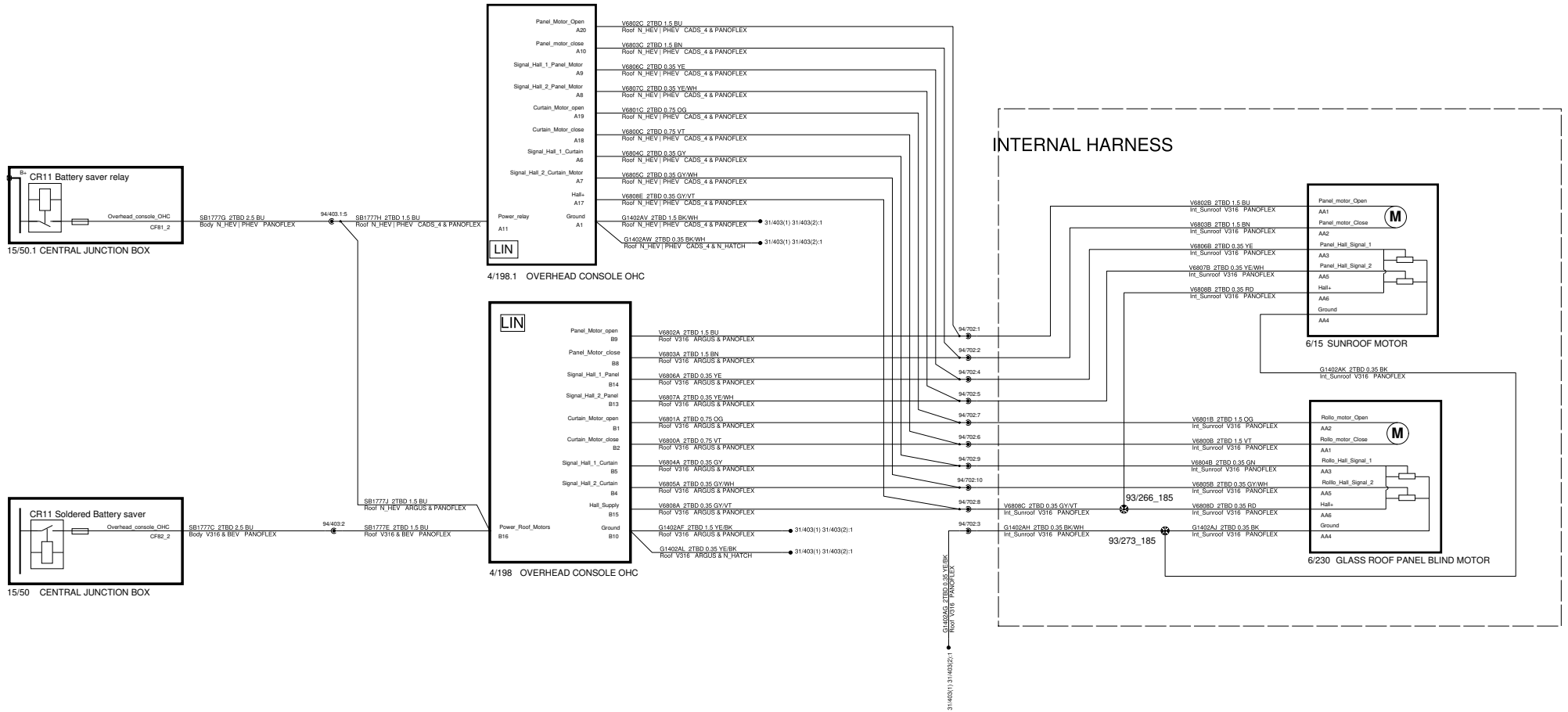
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	Document Type DRAW/ELSY	Release Status RELEASED
	Volvo Document No 33445458	Edited April/16/2023
	Issue 035	Page No 112/146

6D Window manoeuvring Right 6E Mirror manoeuvring Right



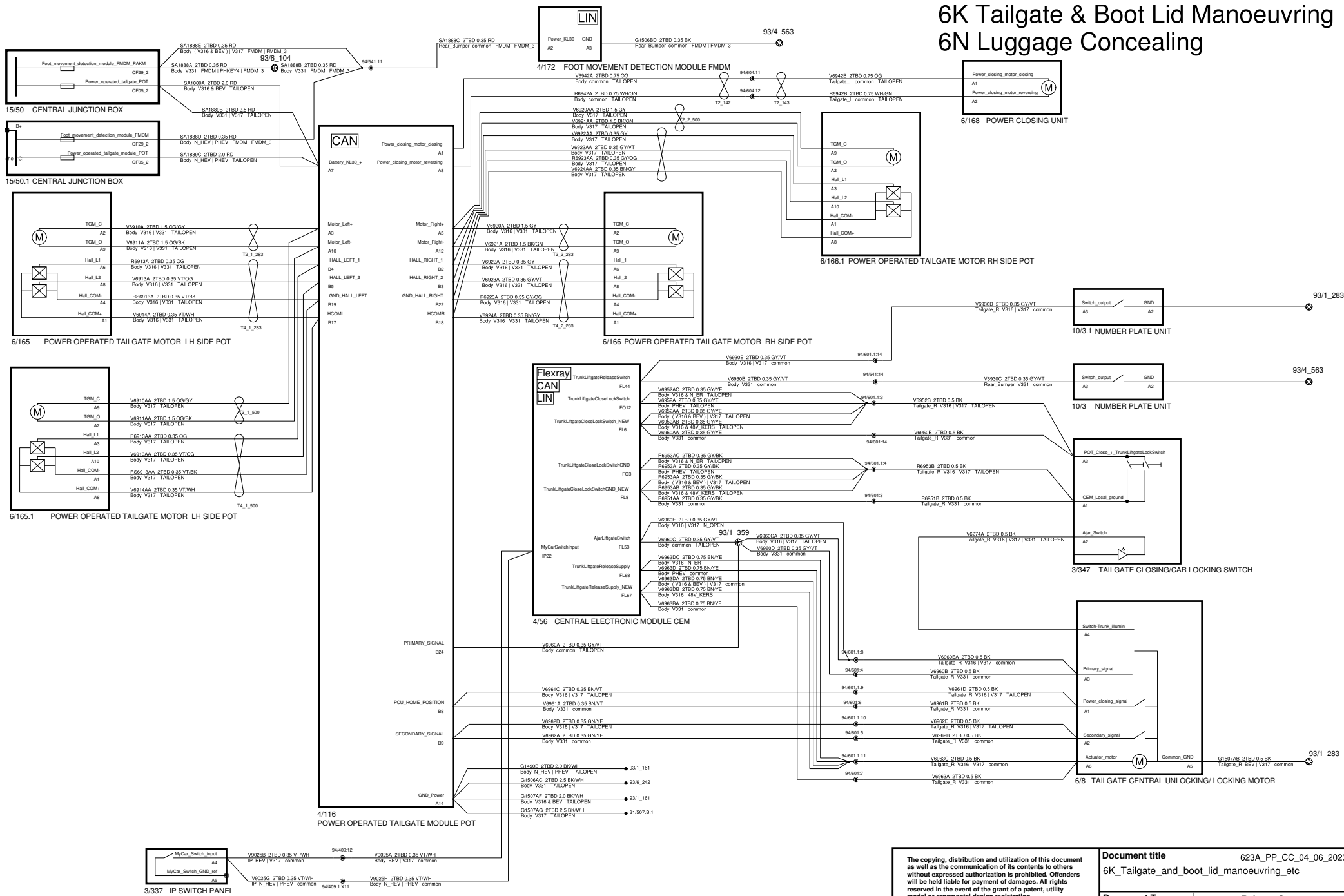
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6F Roof Manoeuvring



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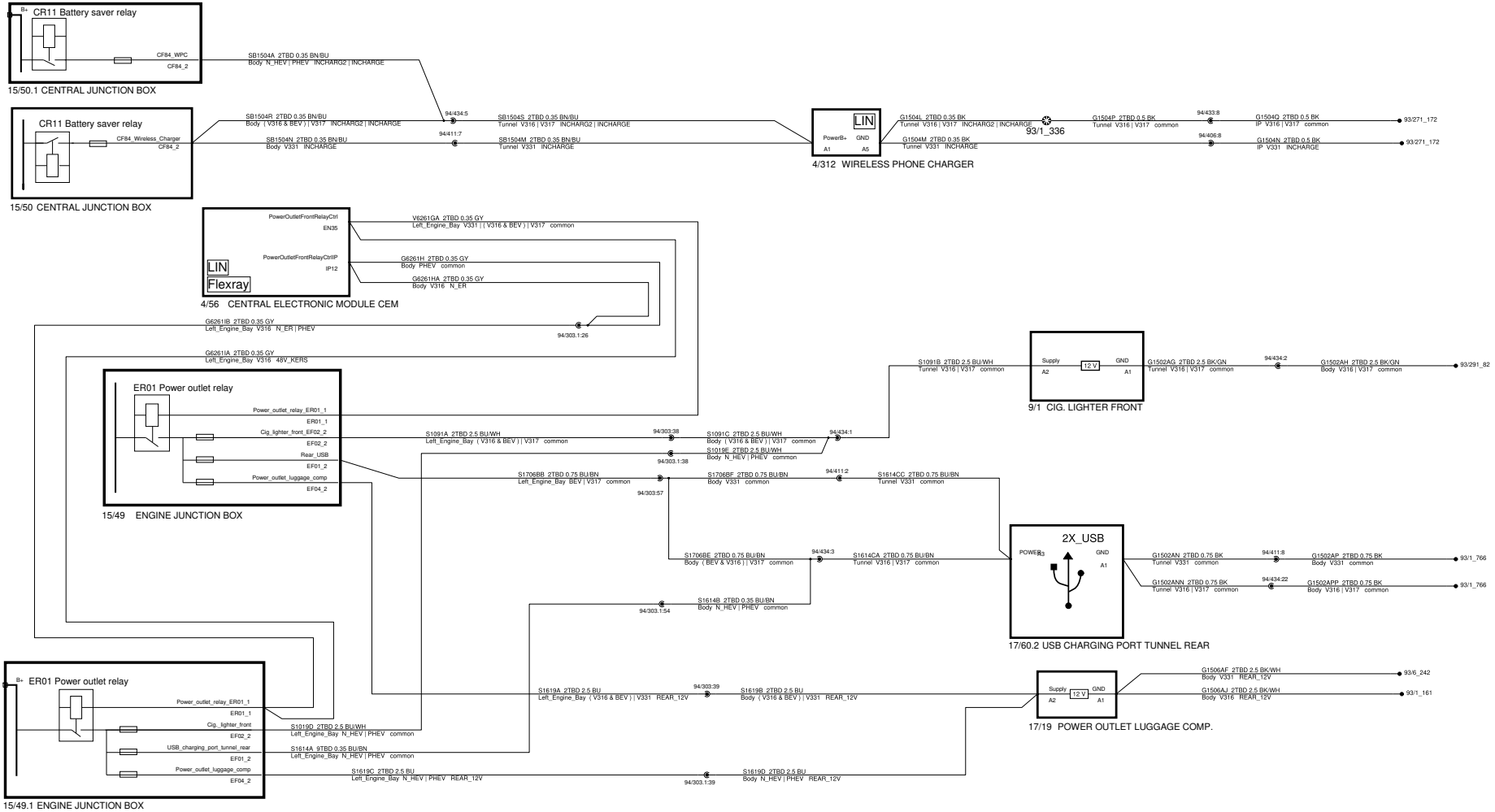
6K Tailgate & Boot Lid Manoeuvring 6N Luggage Concealing



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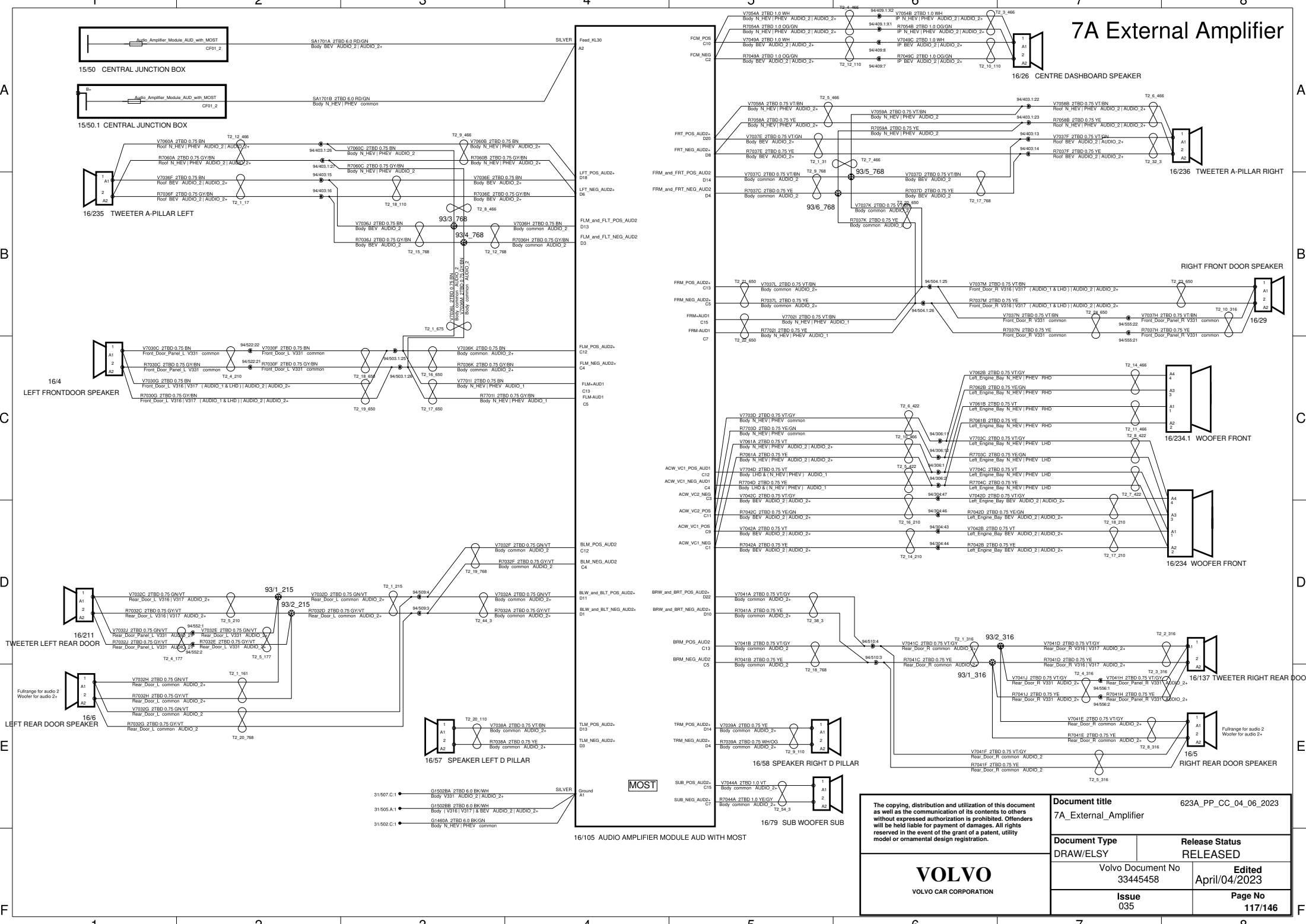
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6P Voltage Outlet



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Issue 035		Page No 116/146	

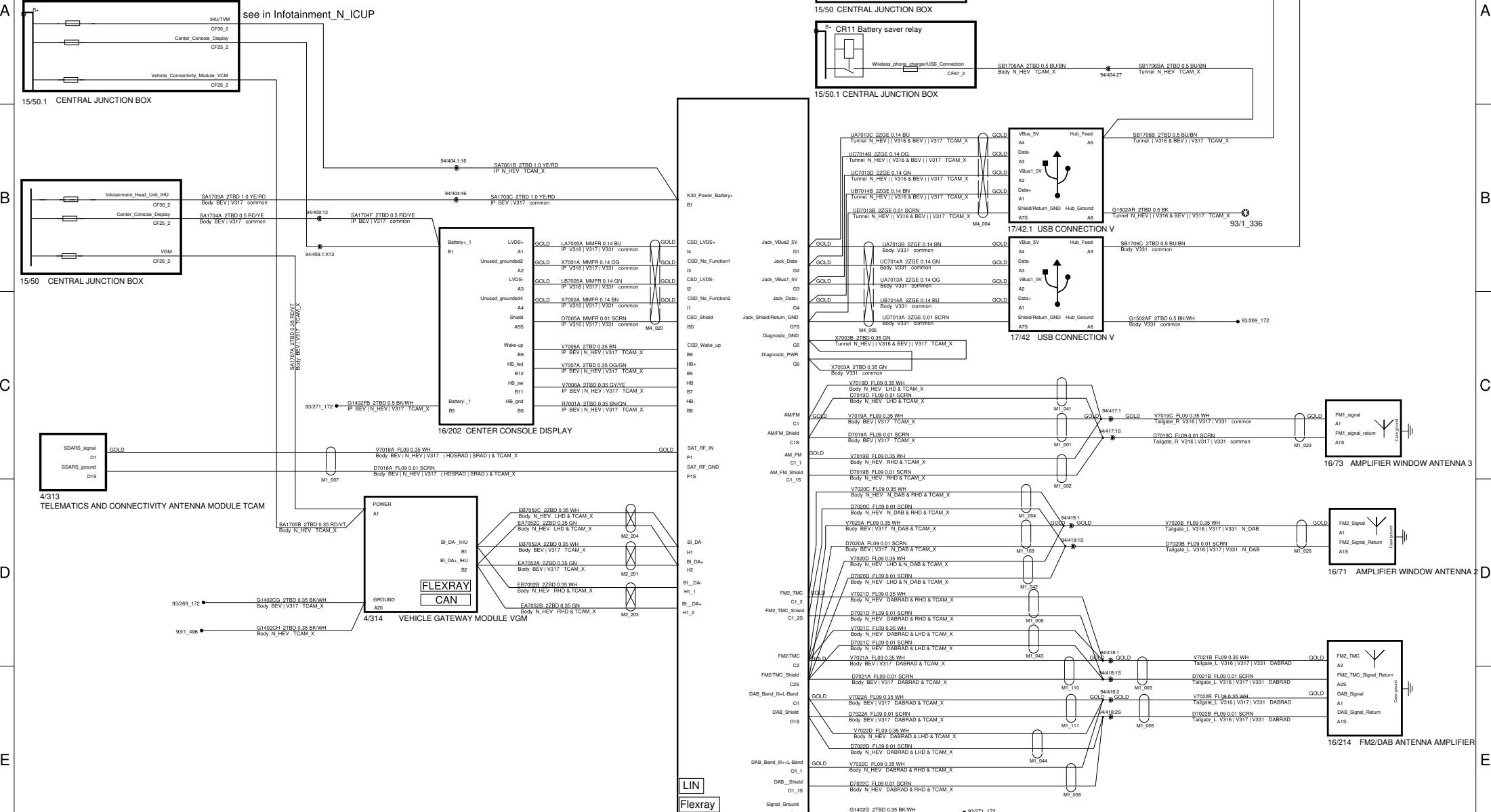
7A External Amplifier



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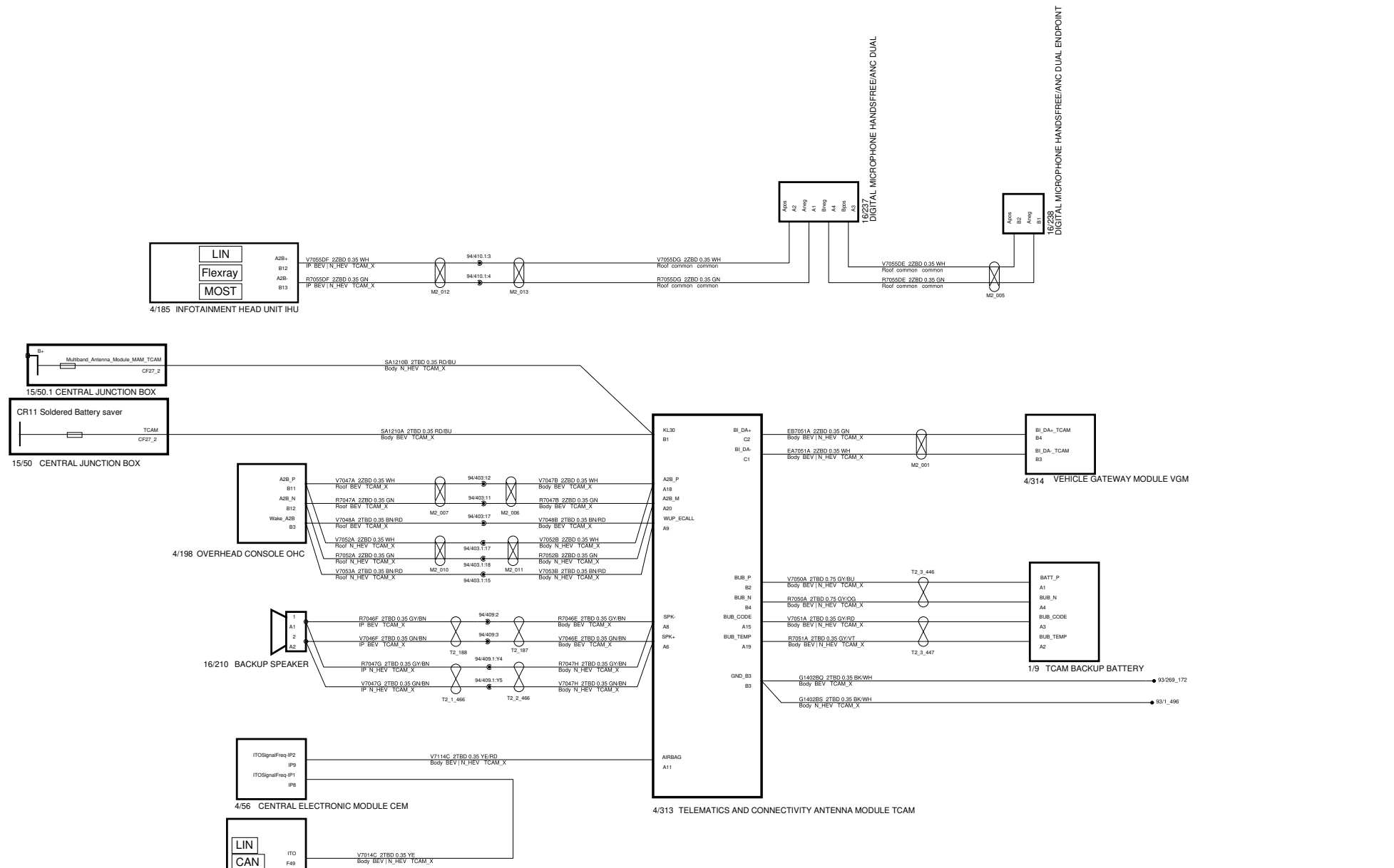
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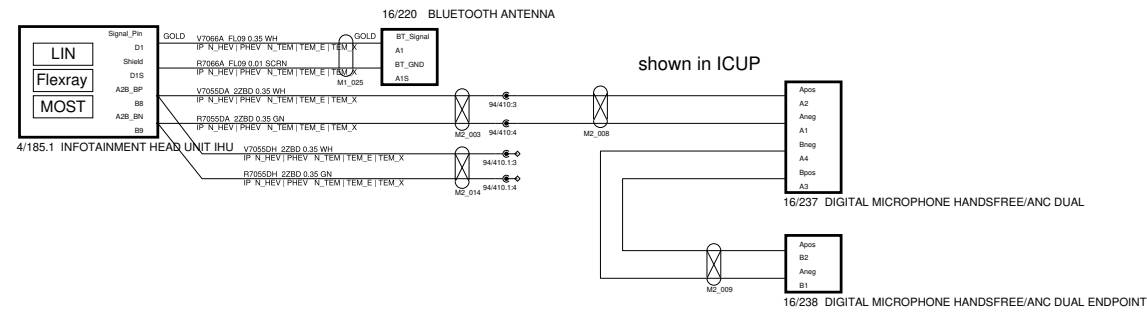
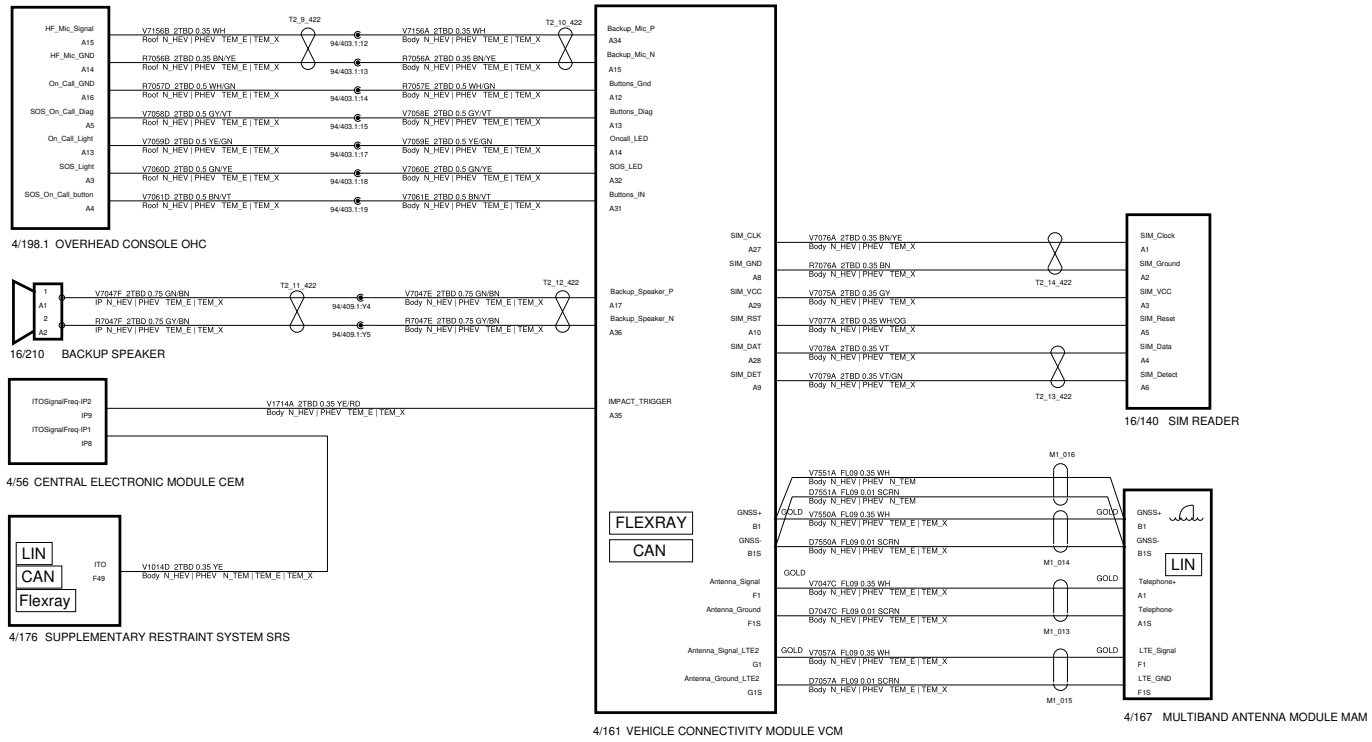
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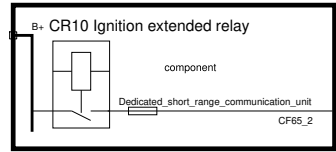
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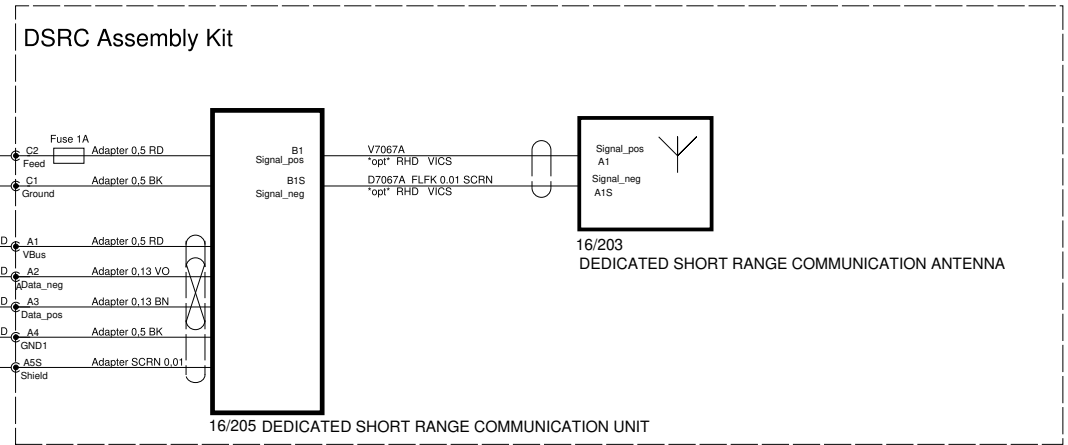
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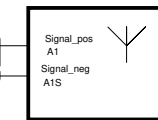
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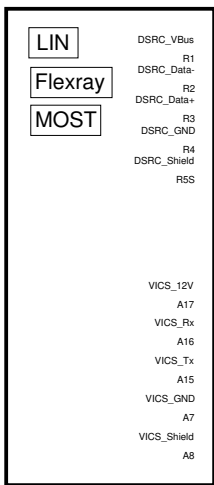
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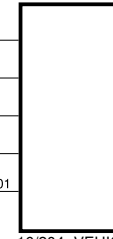
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16/203 DEDICATED SHORT RANGE COMMUNICATION ANTENNA



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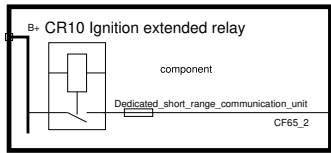


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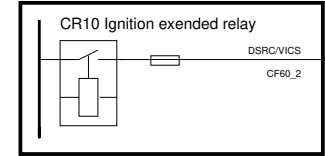
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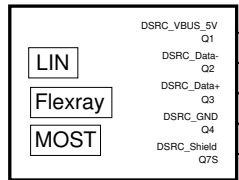


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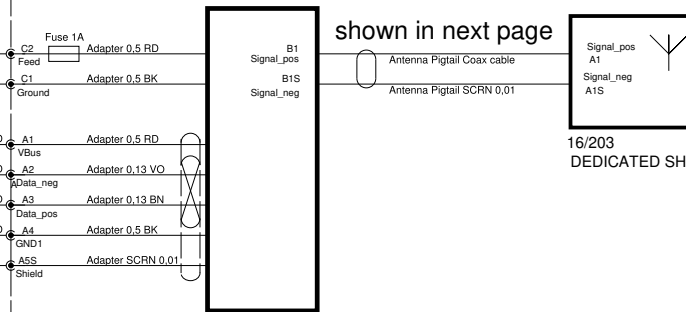
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4/185
INFOTAINMENT HEAD UNIT IHU

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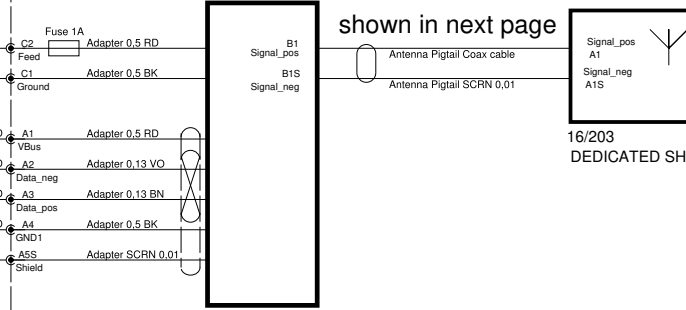
DSRC Assembly Kit



16/205
DEDICATED SHORT RANGE COMMUNICATION UNIT

D

DSRC Assembly Kit



16/205.1
DEDICATED SHORT RANGE COMMUNICATION UNIT

E

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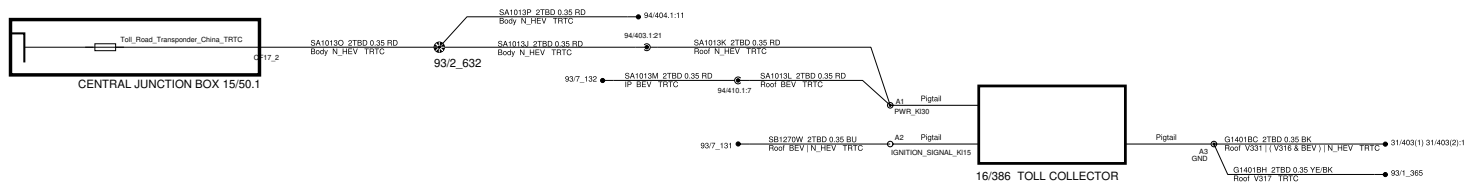
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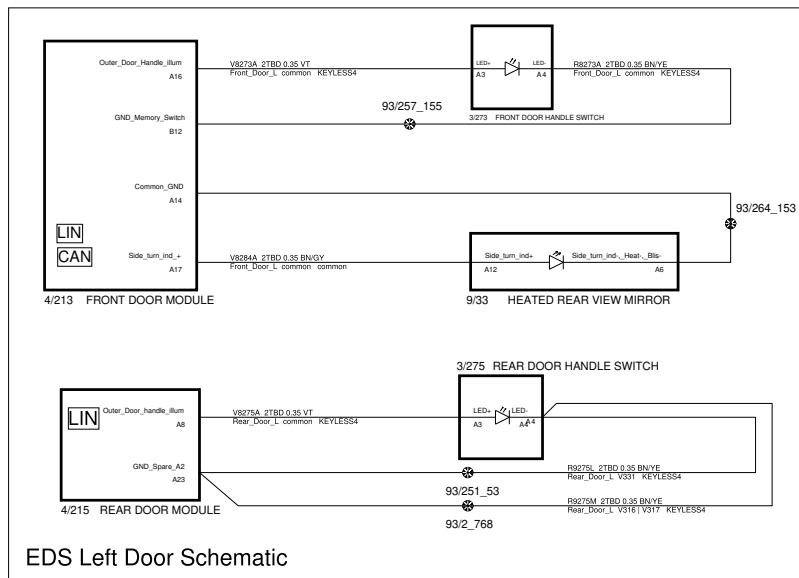
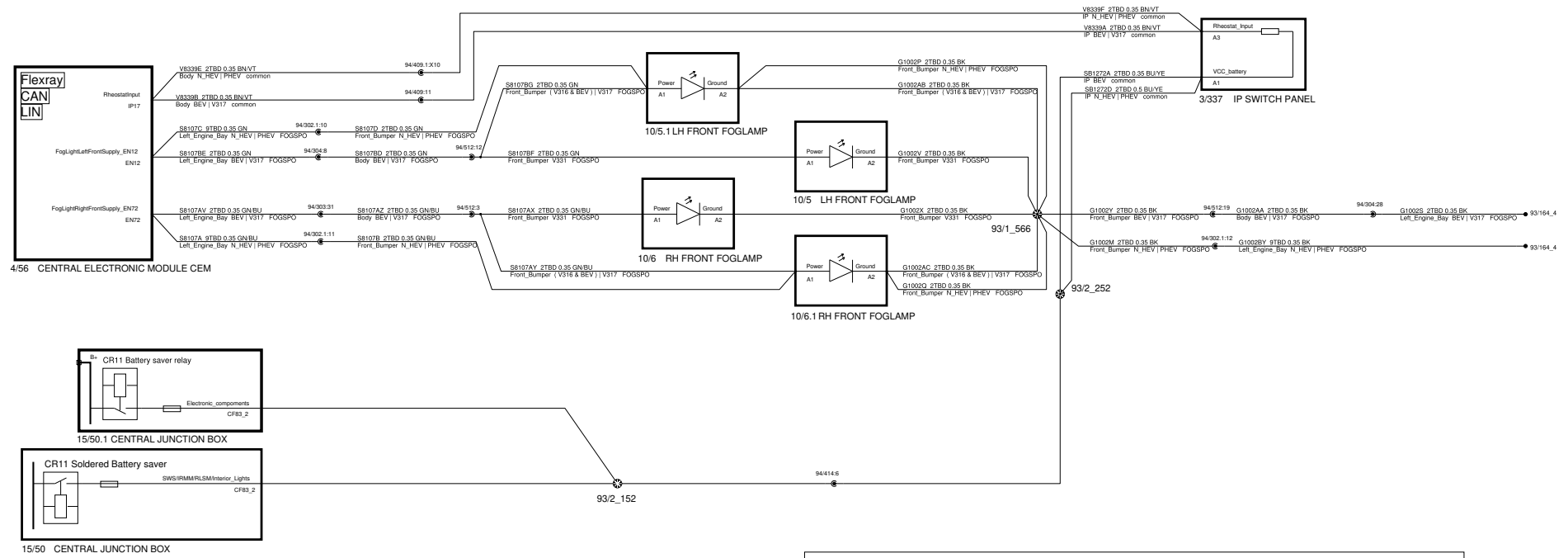
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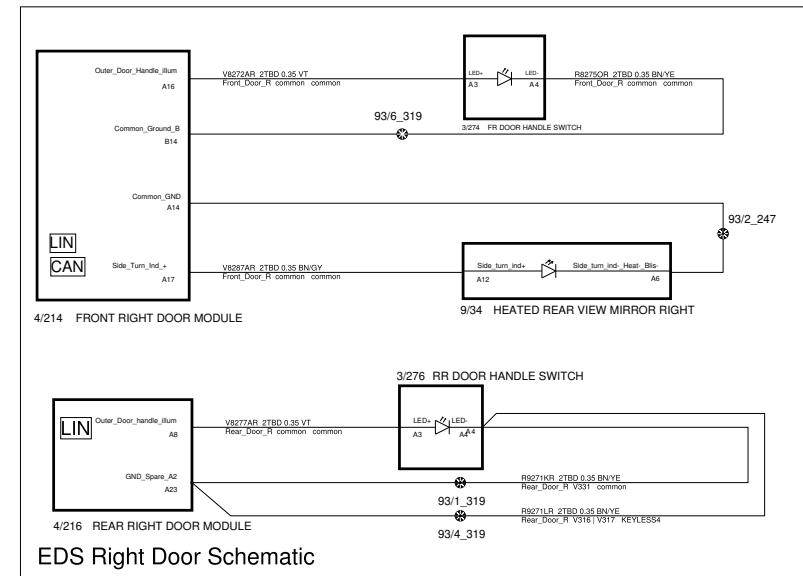


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8A Exterior Light Front



EDS Left Door Schematic



EDS Right Door Schematic

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8A_Exterior_Light_Front

623A_PP_CC_04_06_2023

Document Type

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33445458

Edited

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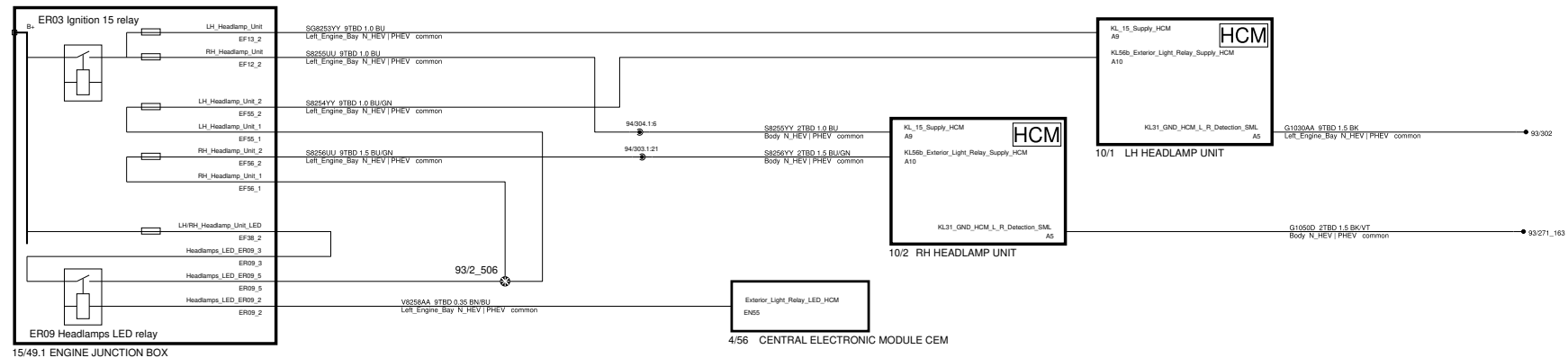
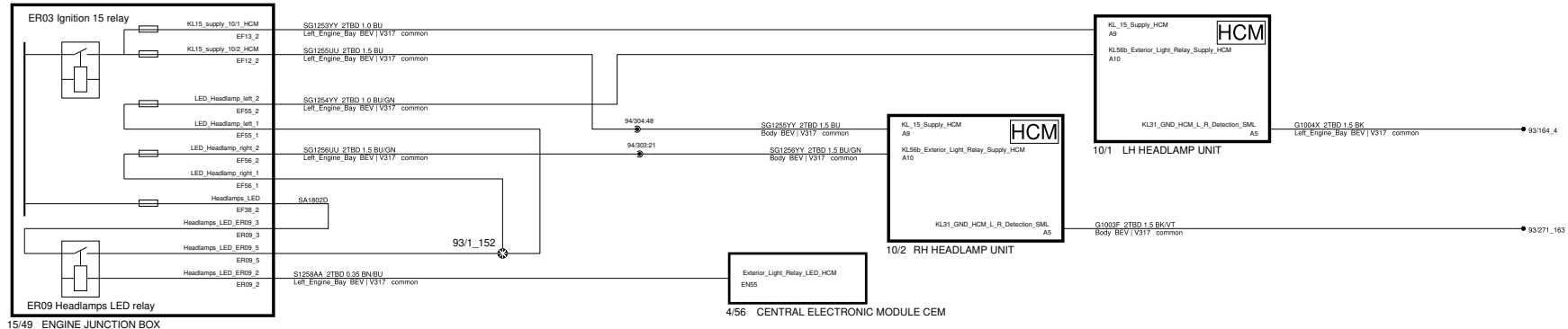
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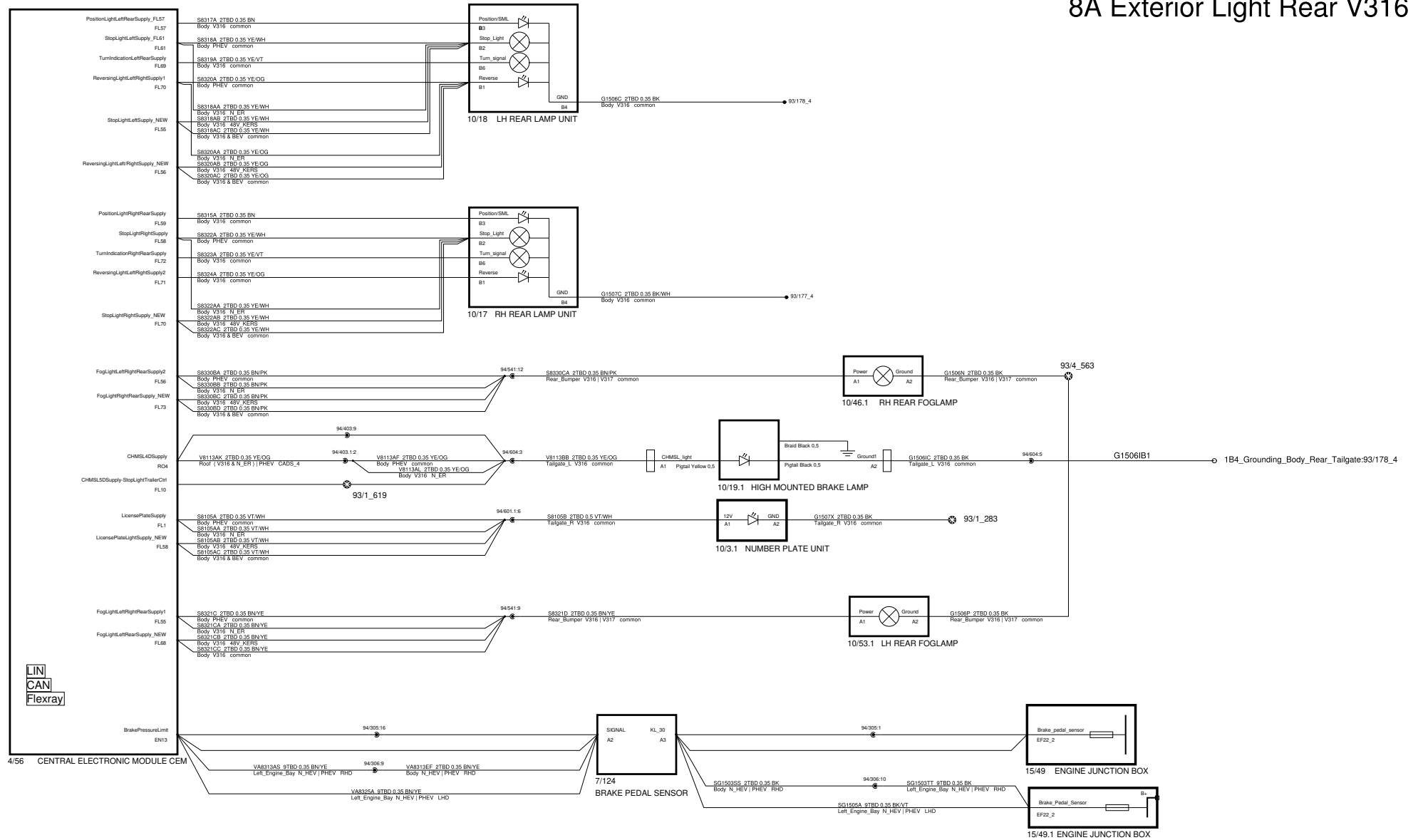
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8A Exterior Light LED Front



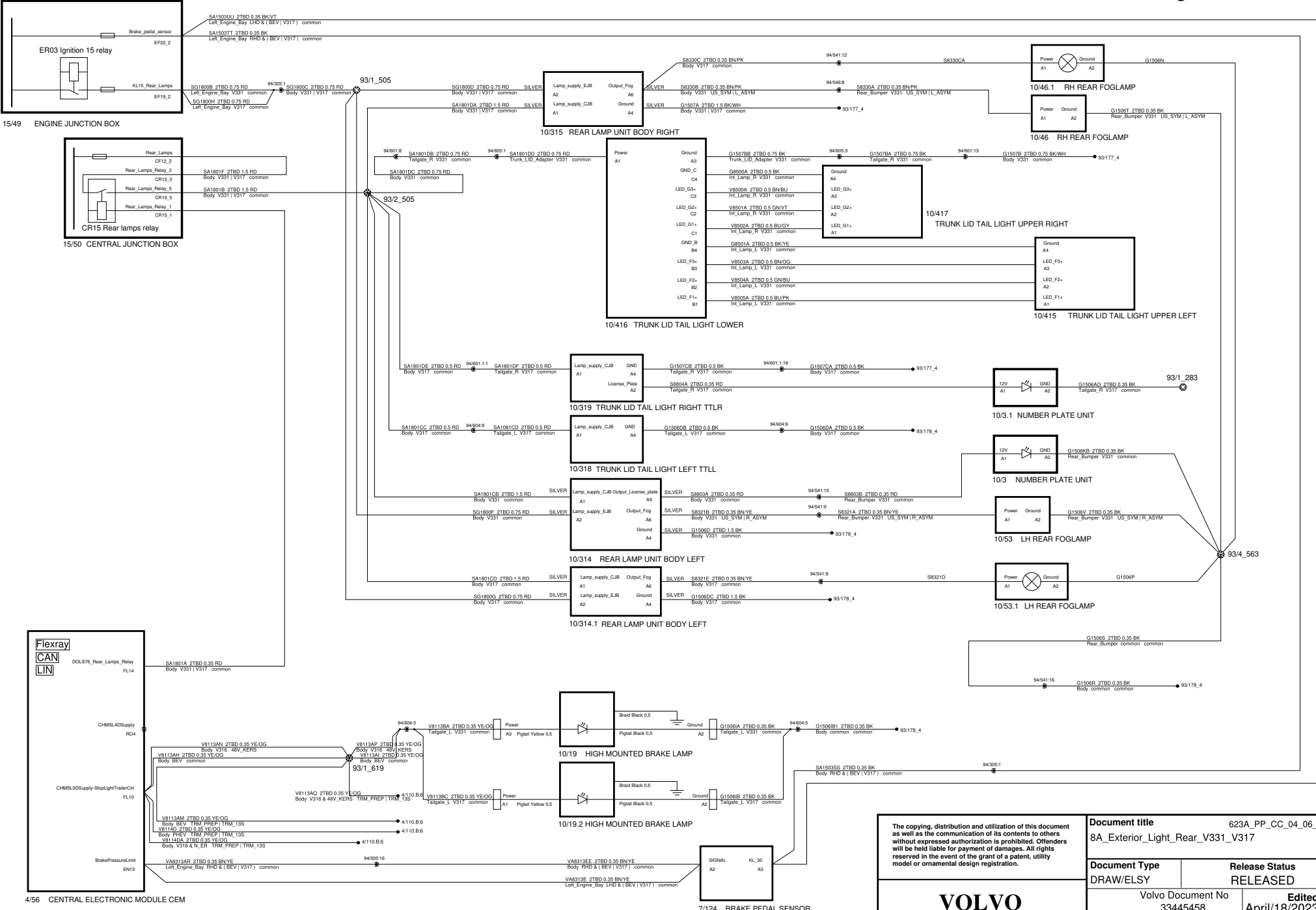
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8A Exterior Light Rear V316



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8A Exterior Light Rear V331



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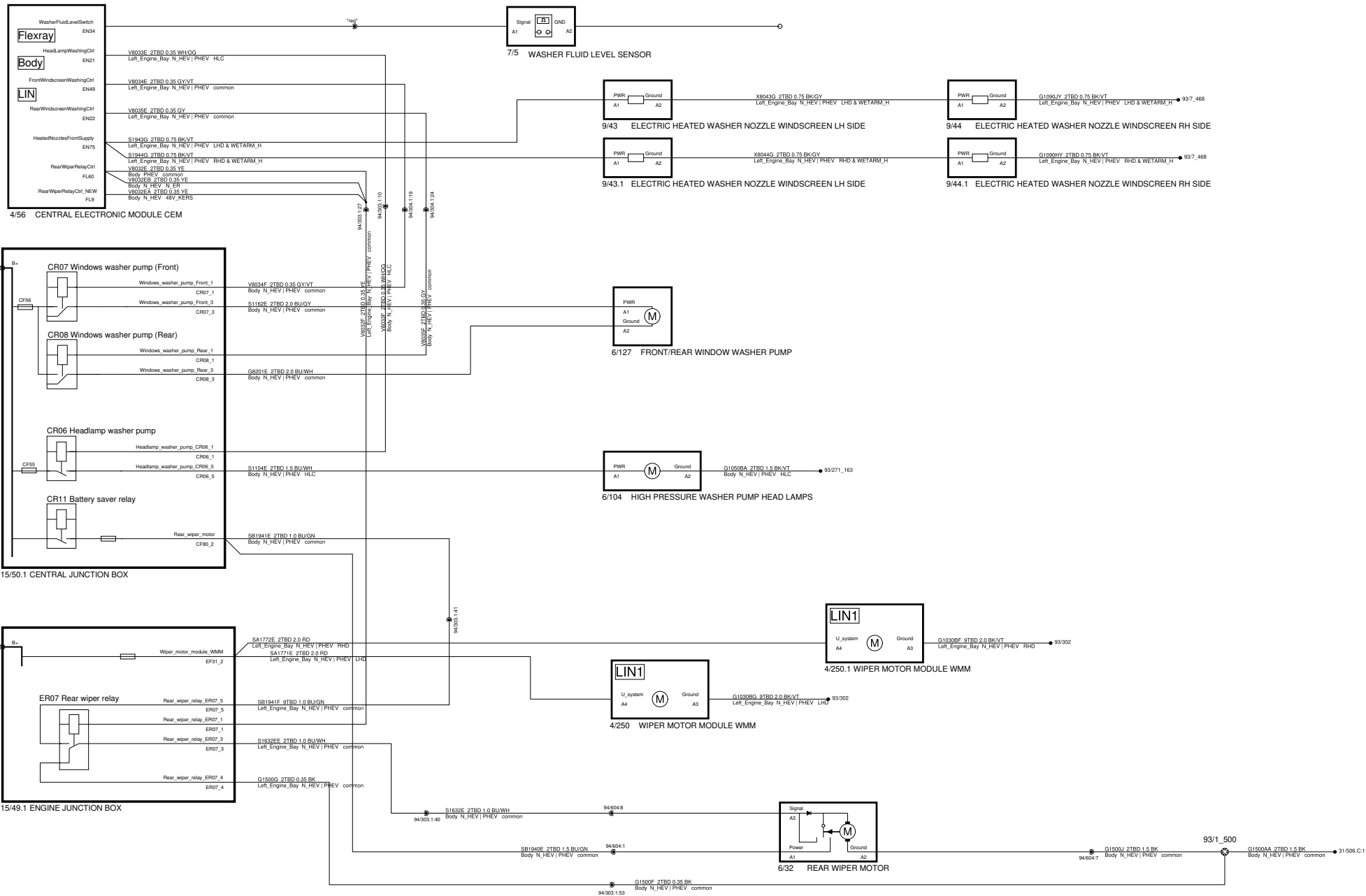
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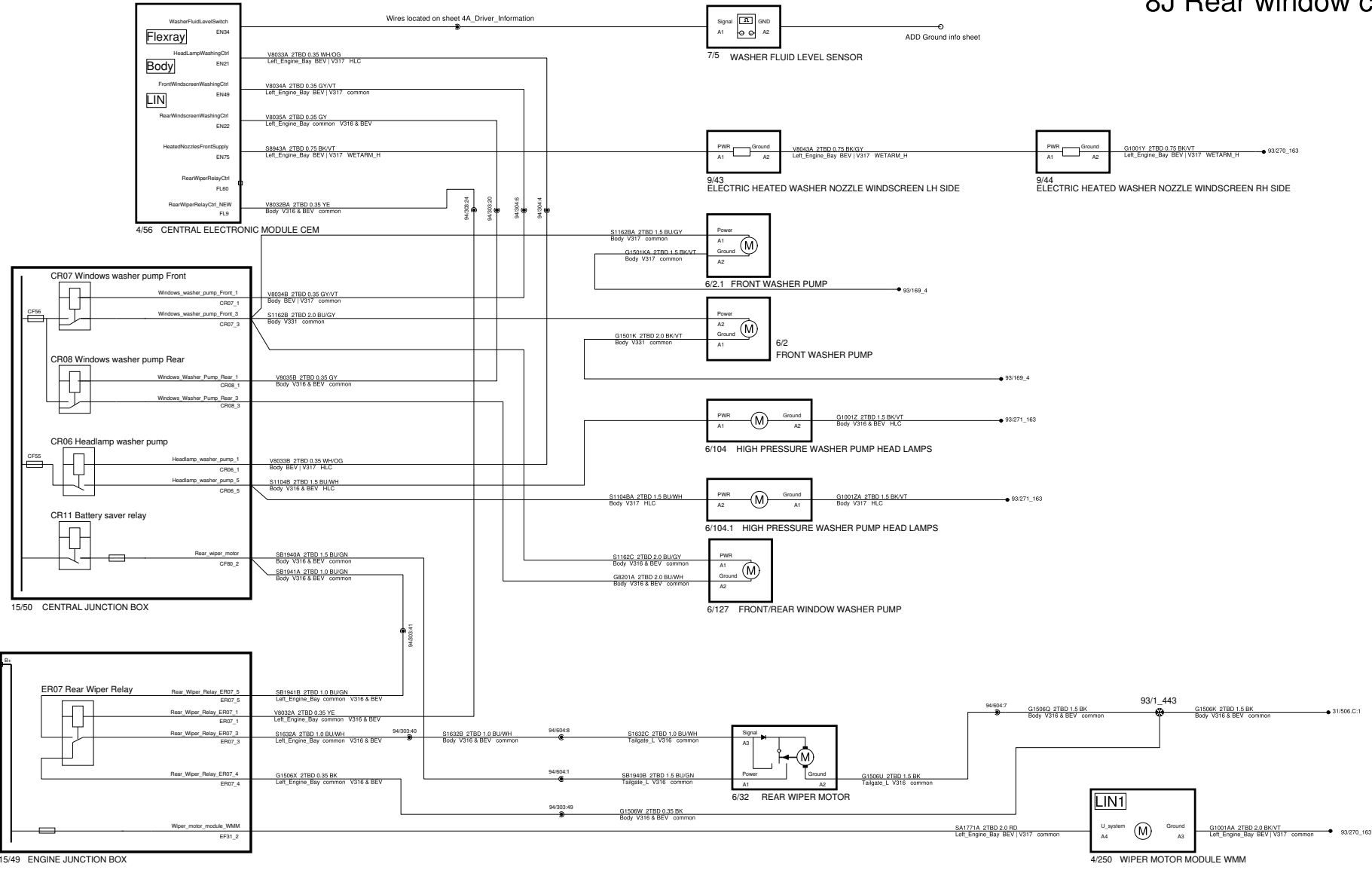
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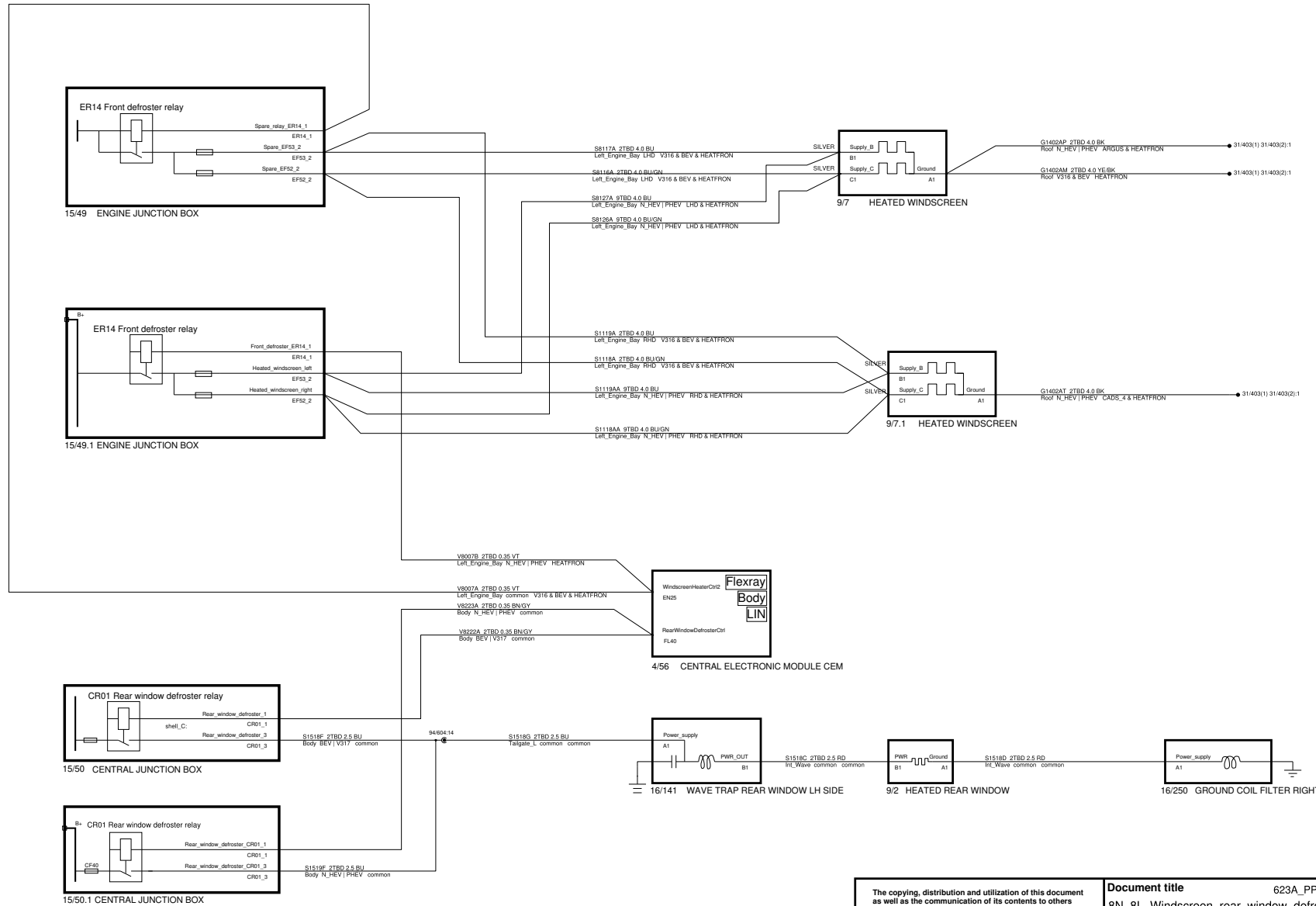
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8K Lamp cleaning control 8H Windscreen cleaning control 8J Rear window cleaning



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8N Windscreen defroster control 8L Rear window defroster control

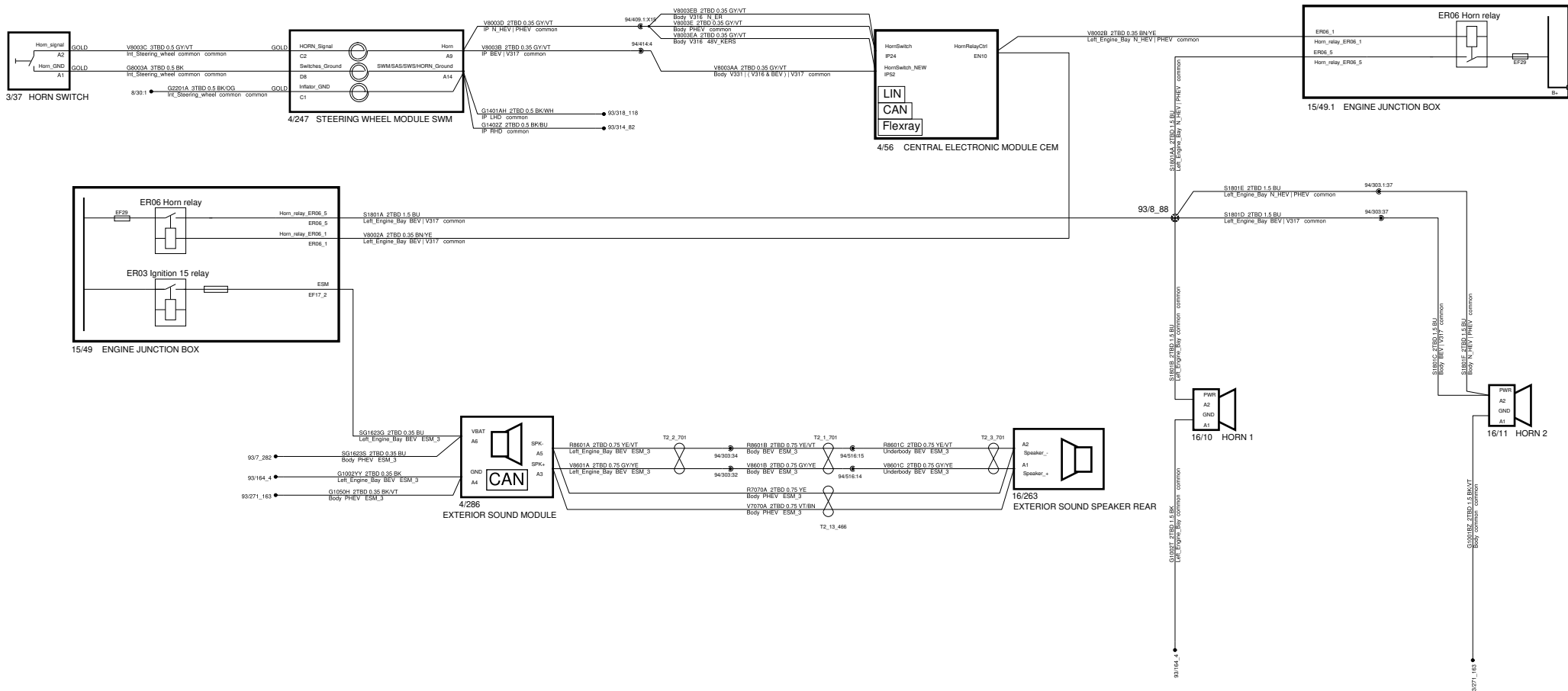


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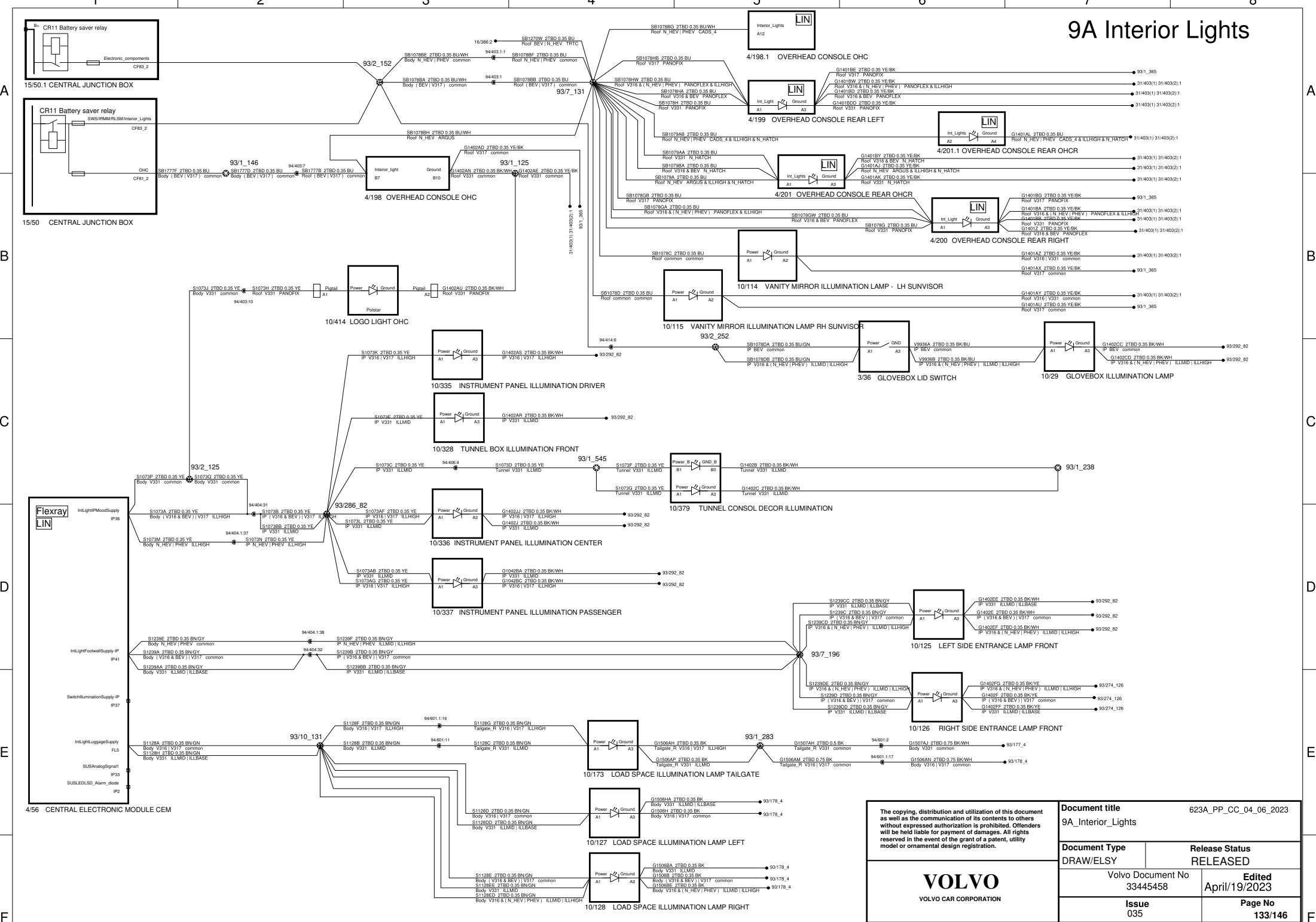
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8P Sound Signaling



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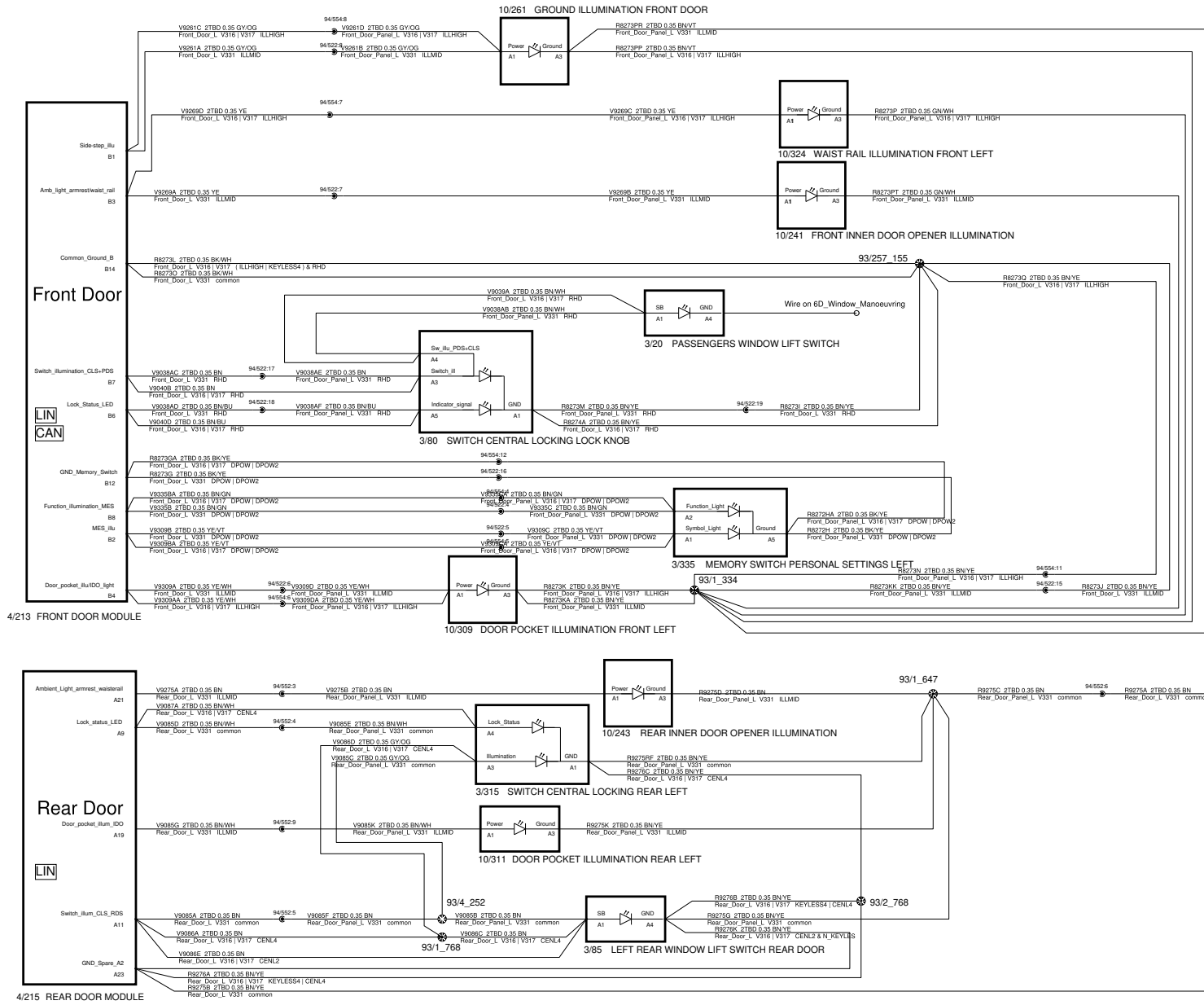
9A Interior Lights



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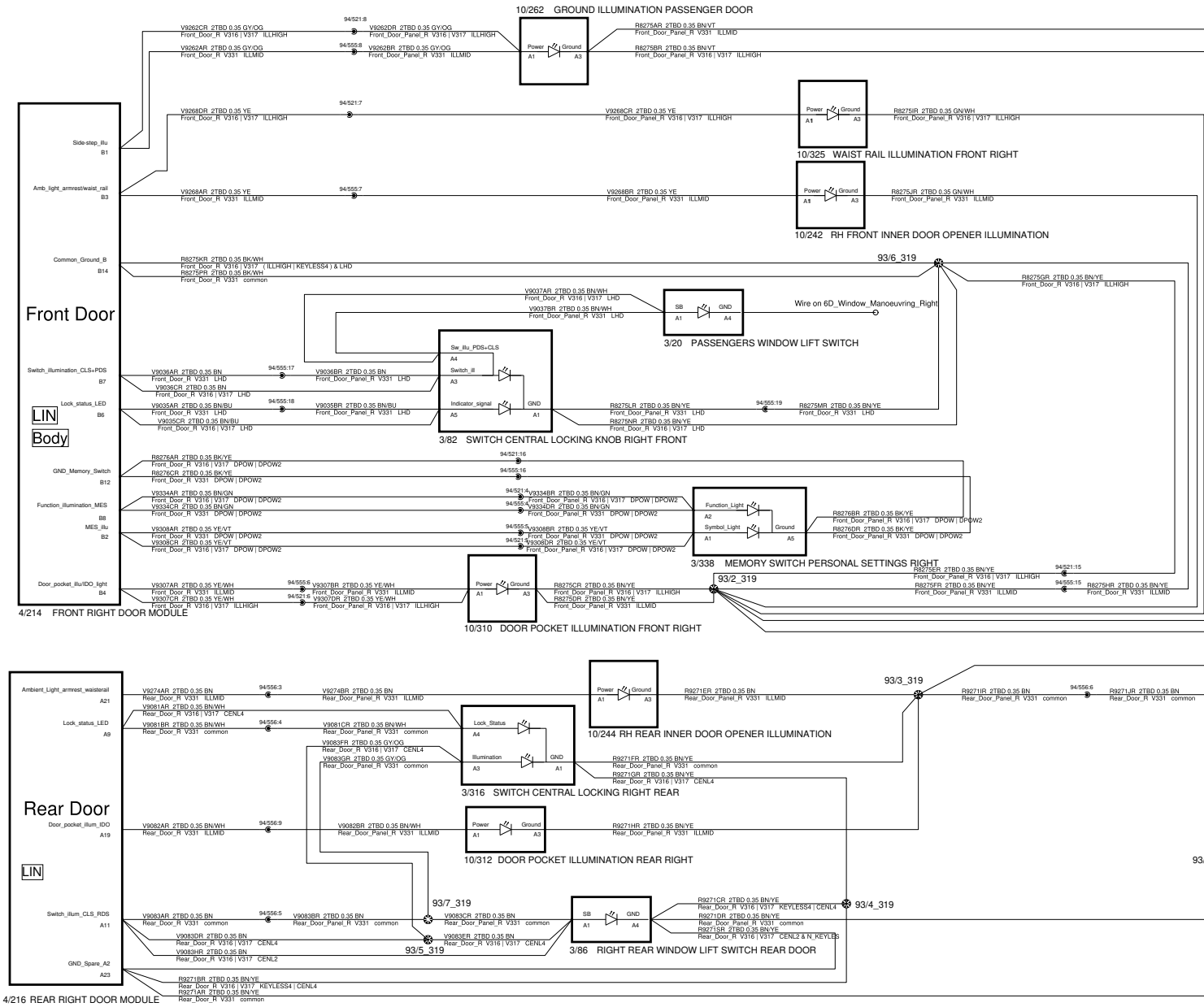


9A Interior Lights Doors



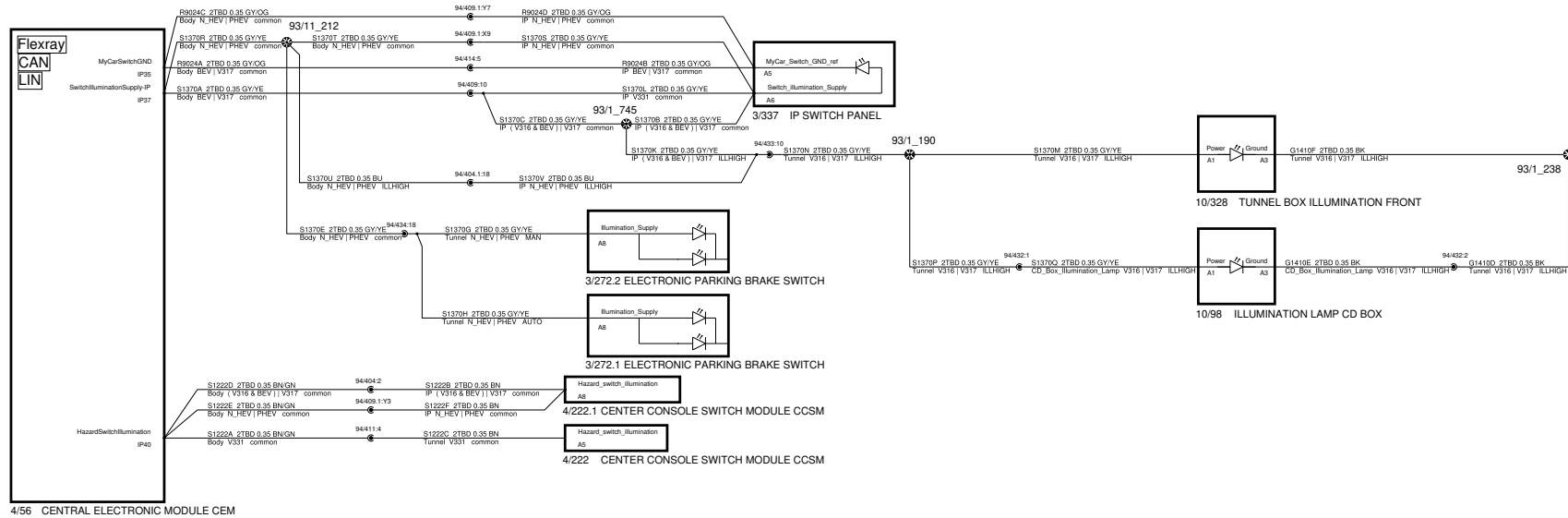
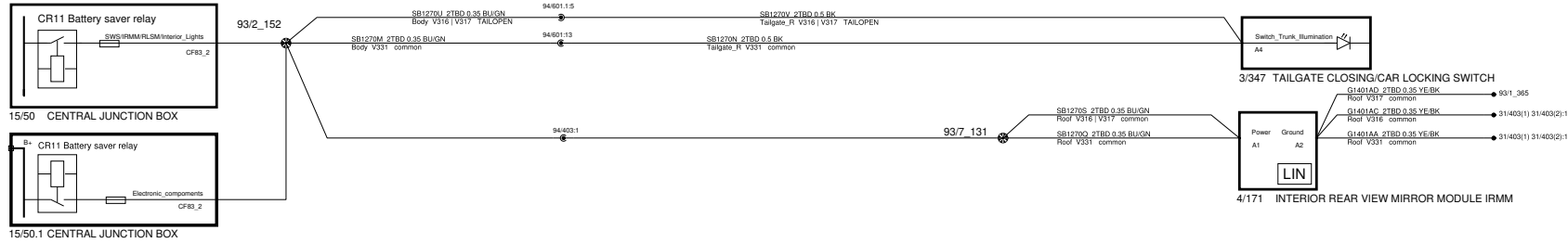
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9A Interior Lights Doors Right



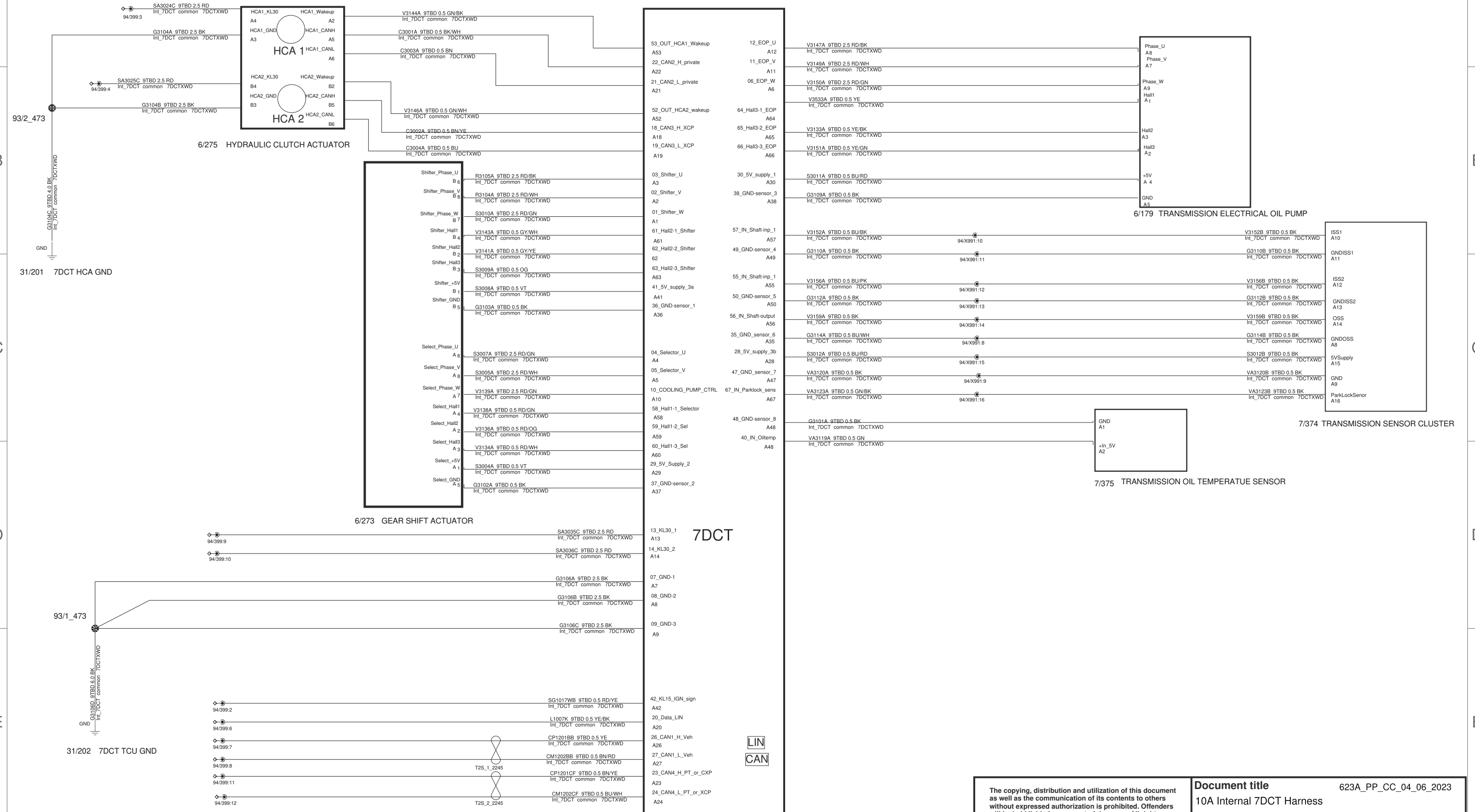
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		<p>Issue 035</p>	<p>Page No 135/146</p>

9H Instr/Control Switch Lighting



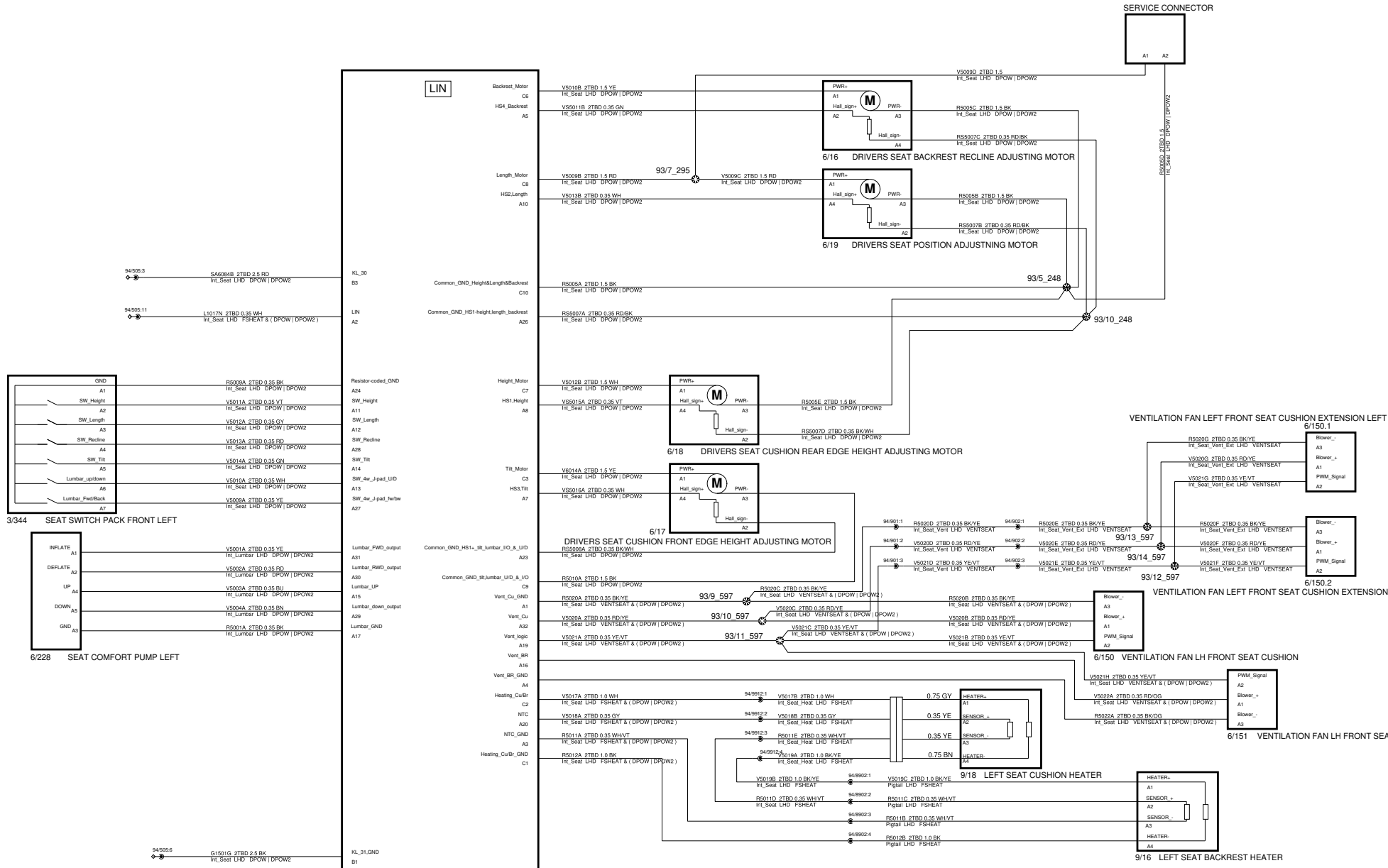
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10A Internal 7DCT Harness



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		<p>CEVT Document No 8888522365</p>	<p>Edited April/19/2023</p>
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10A Driver Seat Internal Harness High LHD



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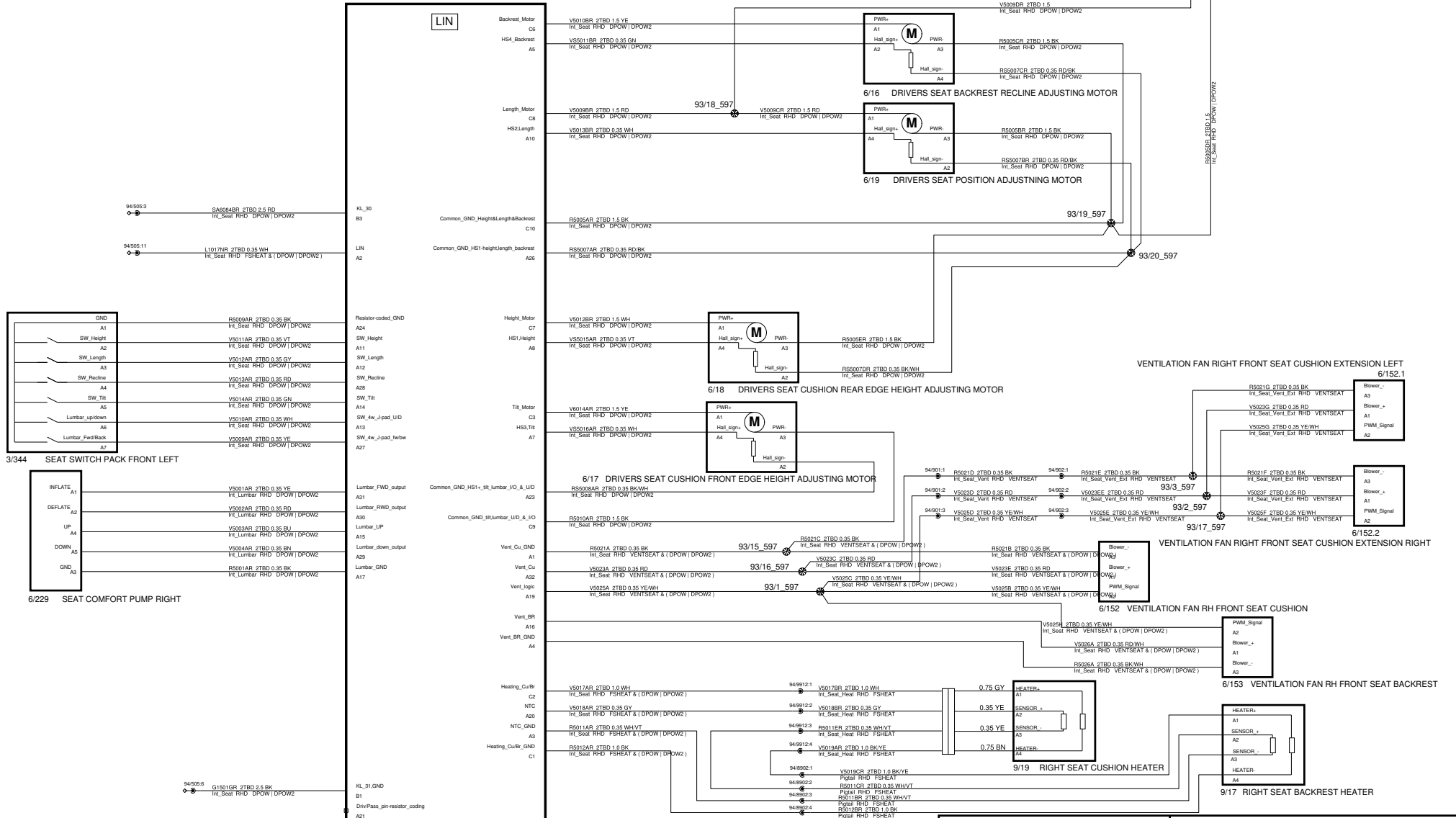
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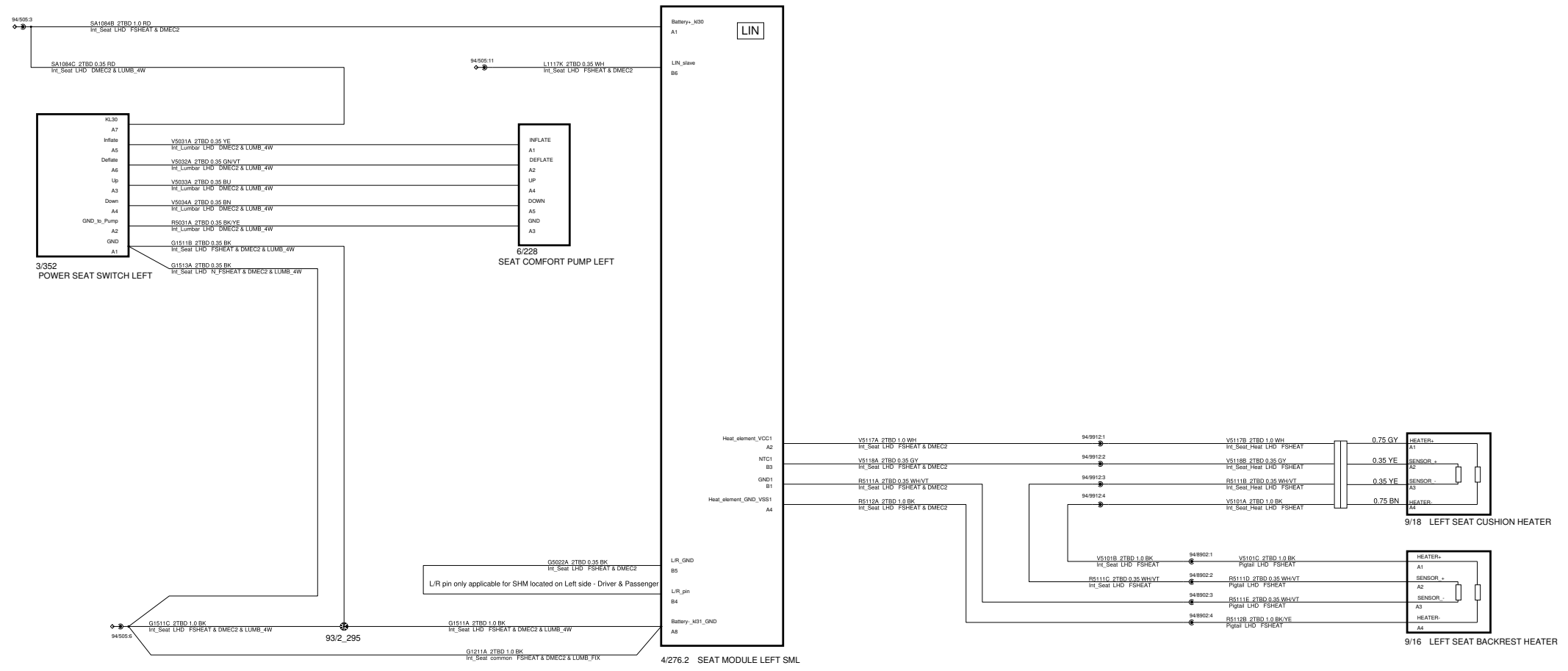
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SERVICE CONNECTOR



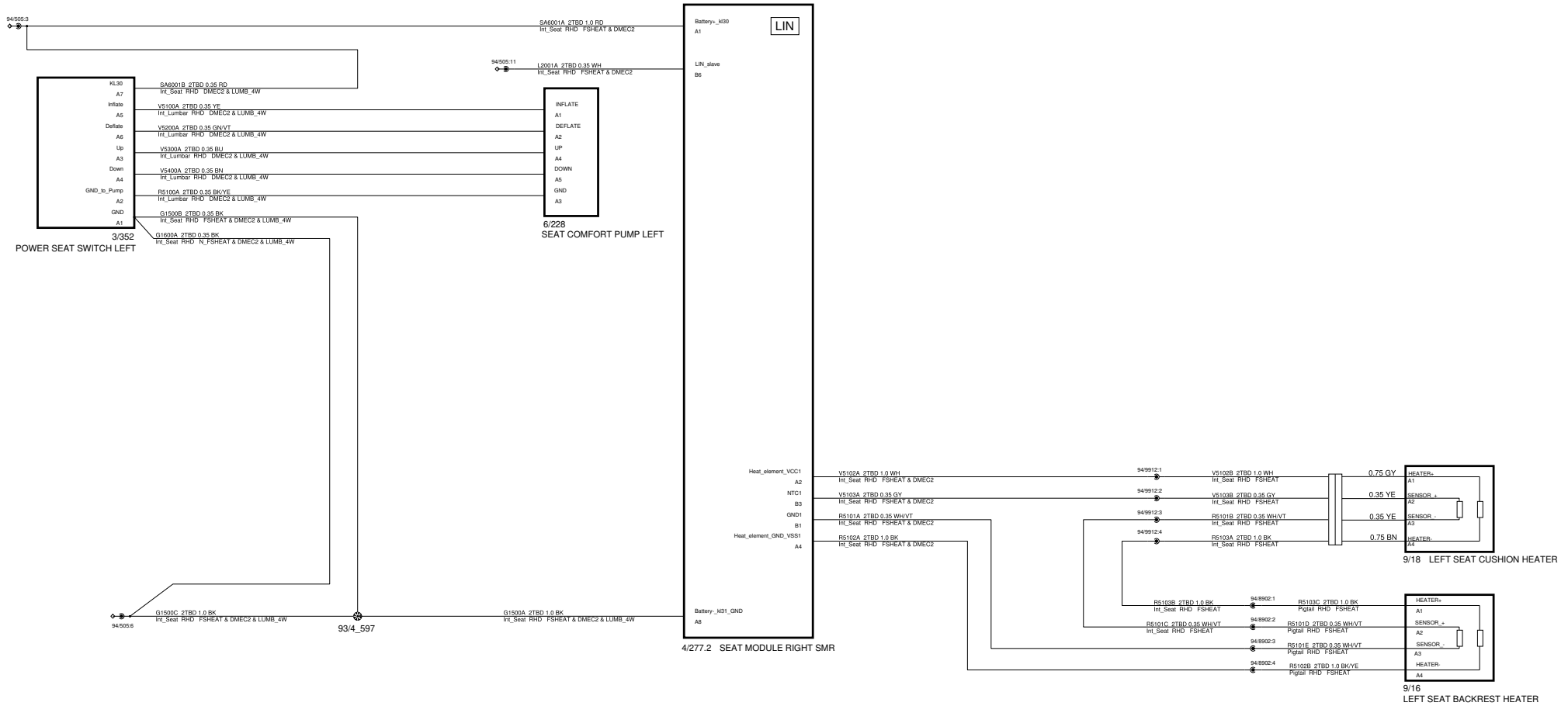
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	<p>Volvo Document No 33445458</p>	<p>Edited April/11/2023</p>
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10A Driver Seat Internal Harness Mech LHD



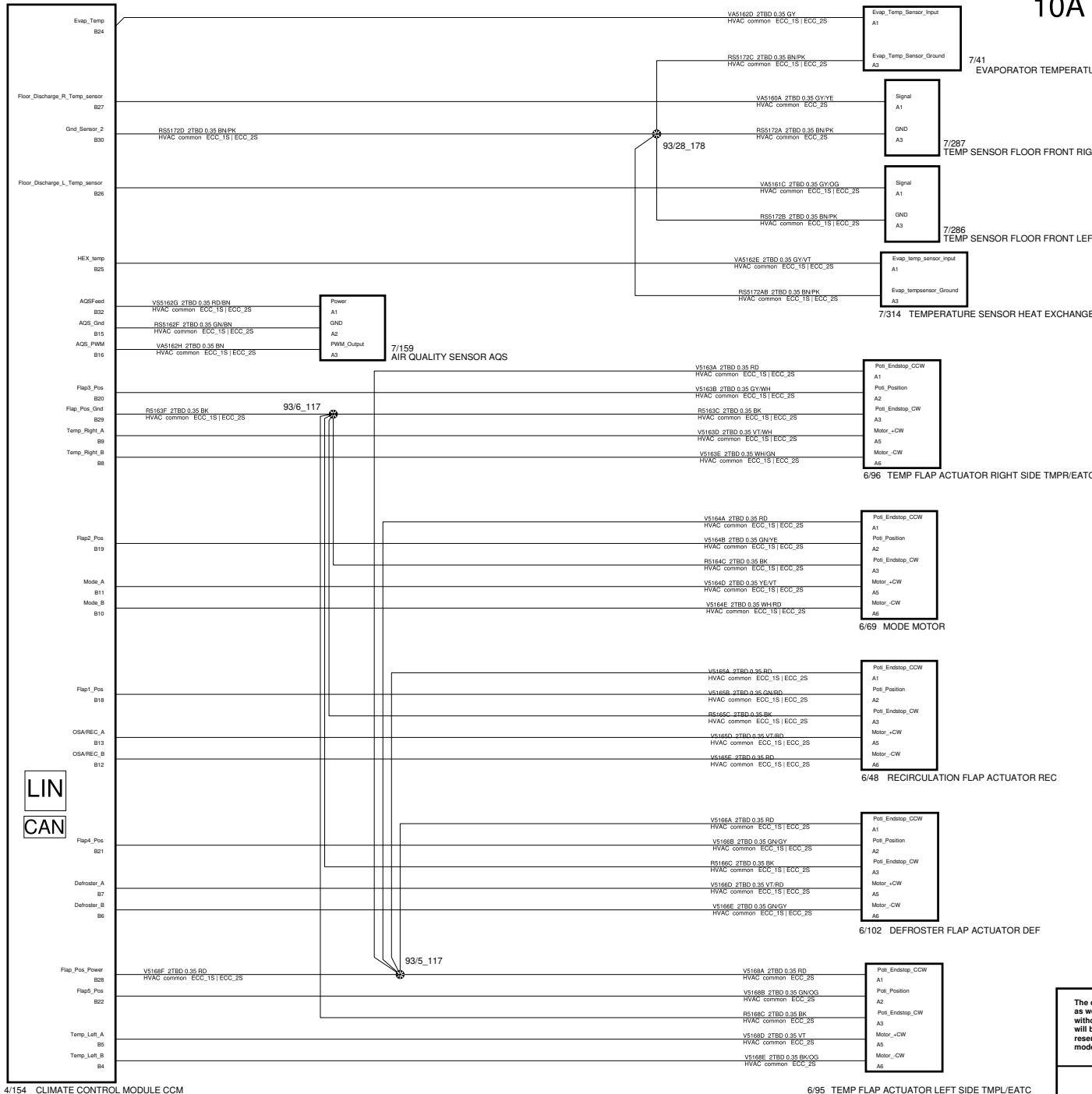
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	10A_Driver_Seat_Internal_Harness_Mech_LHD	
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10A Driver Seat Internal Harness Mech RHD



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10A Interior HVAC harness 2 ZONES ECC



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<p>Document Type DRAW/ELSY</p>	<p>Release Status RELEASED</p>		<p>Edited June/16/2021</p>
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<p>Issue 035</p>		<p>Page No 142/146</p>	

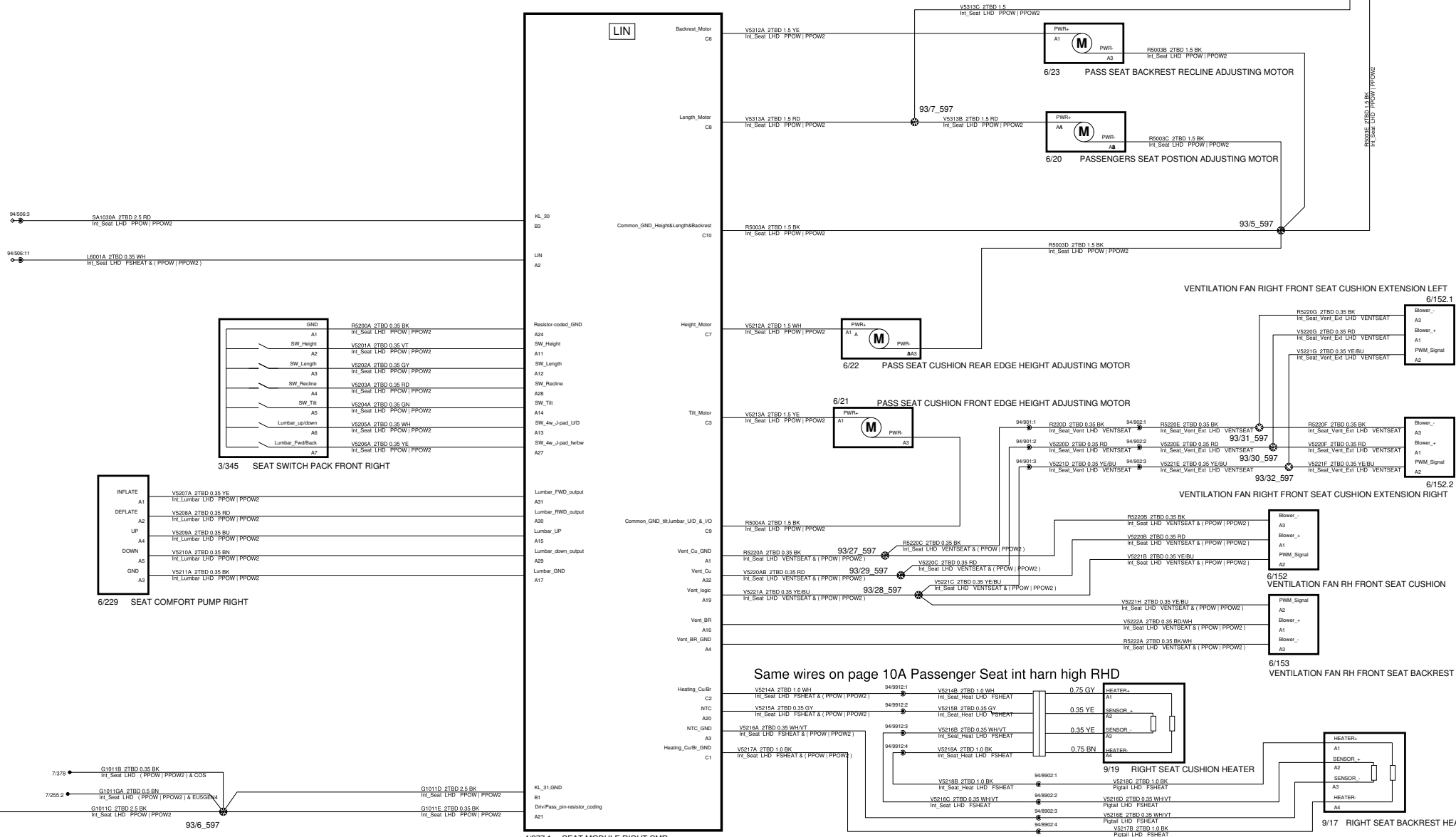
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4/154 CLIMATE CONTROL MODULE CCM

6/95 TEMP FLAP ACTUATOR LEFT SIDE TMPL/EATC

10A Passenger Seat Internal Harness High LHD

SERVICE CONNECTOR



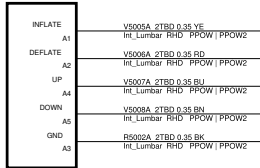
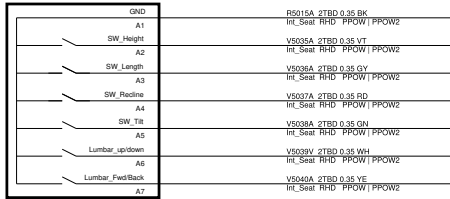
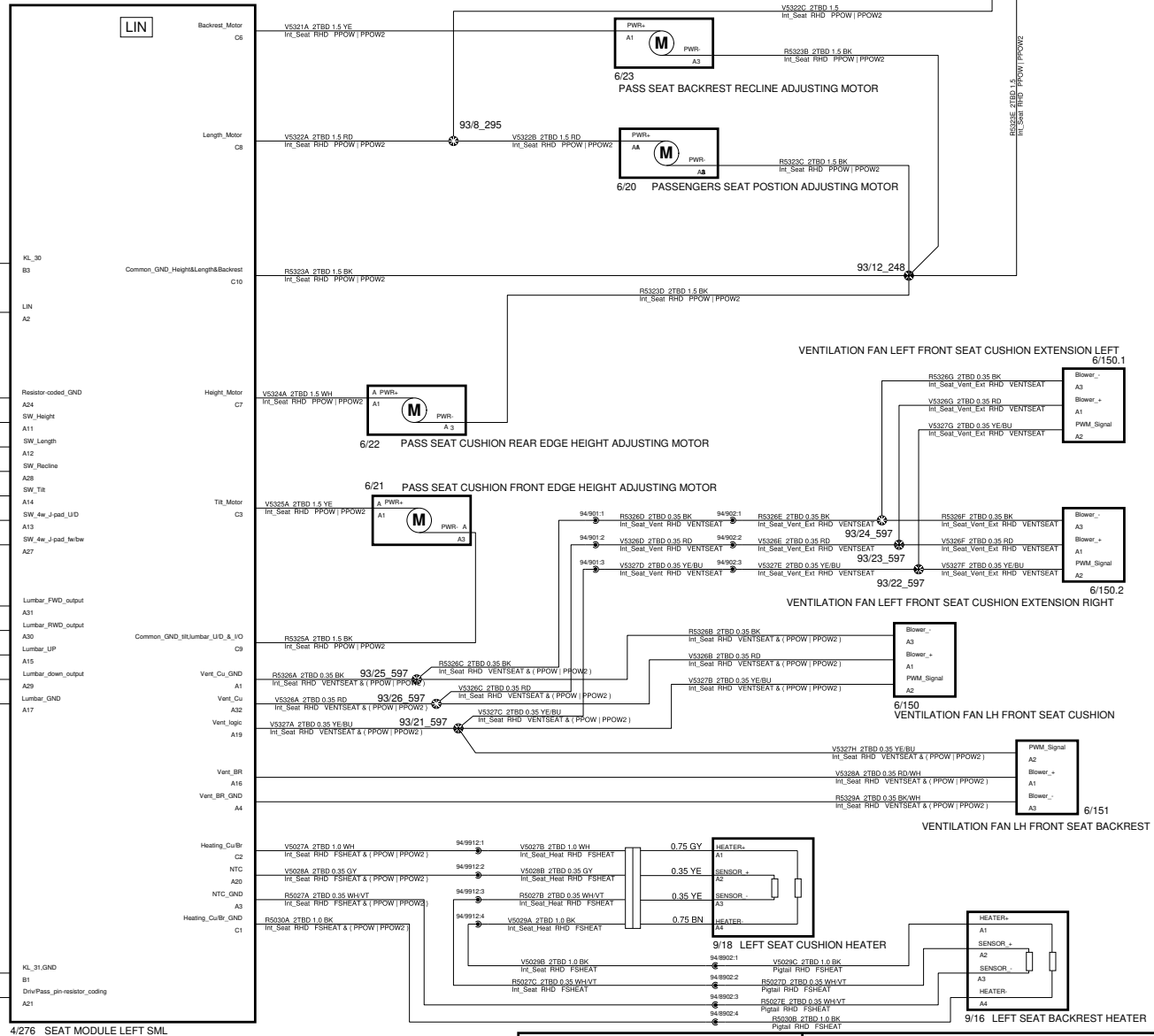
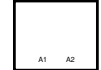
Same wires on page 10A Passenger Seat int harm high RHD

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10A Passenger Seat Internal Harness High RHD

SERVICE CONNECTOR



Resistor-coded_GND

INFLATE

DEFLATE

UP

DOWN

GND

6/228 SEAT COMFORT PUMP LEFT

4/276 SEAT MODULE LEFT SML

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Document title 623A_PP_CC_04_06_2023

10A_Passenger_Seat_Internal_Harness_High_RHD

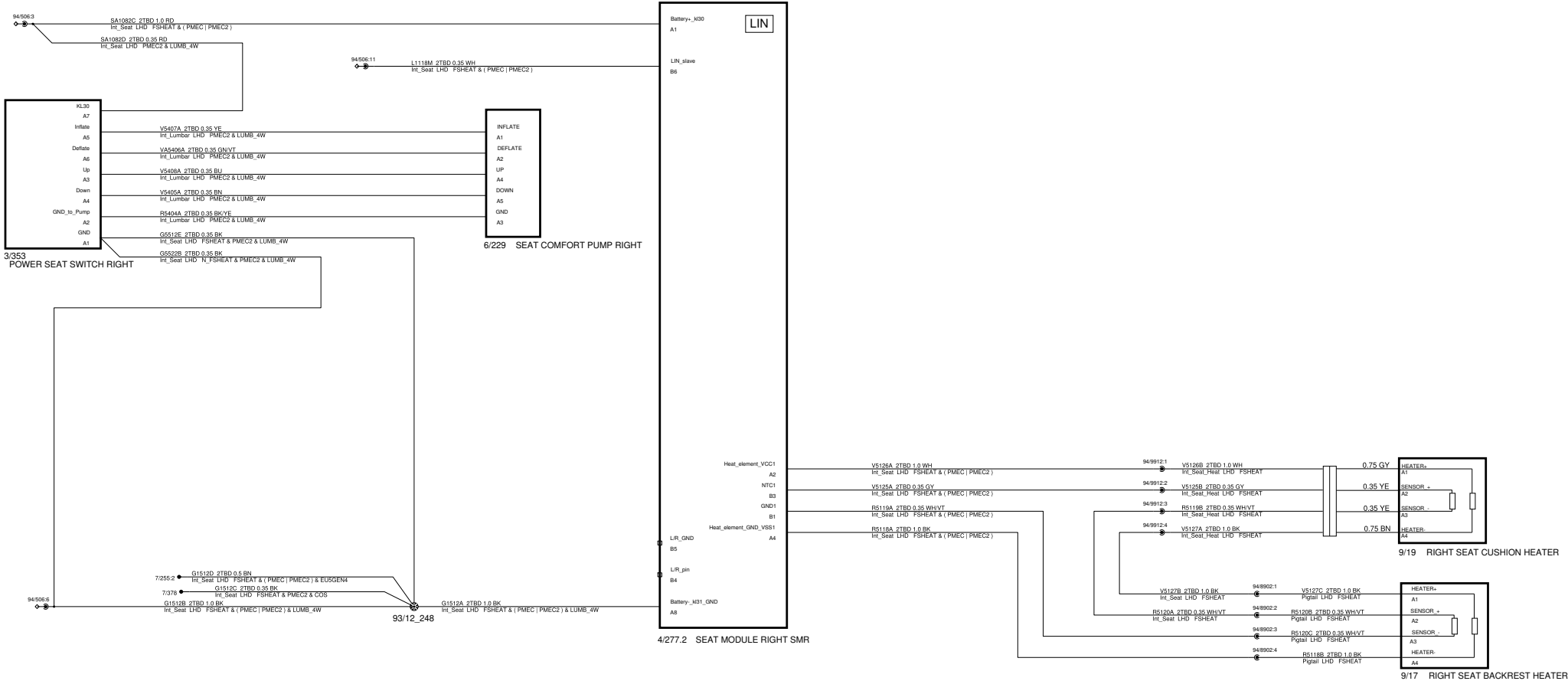
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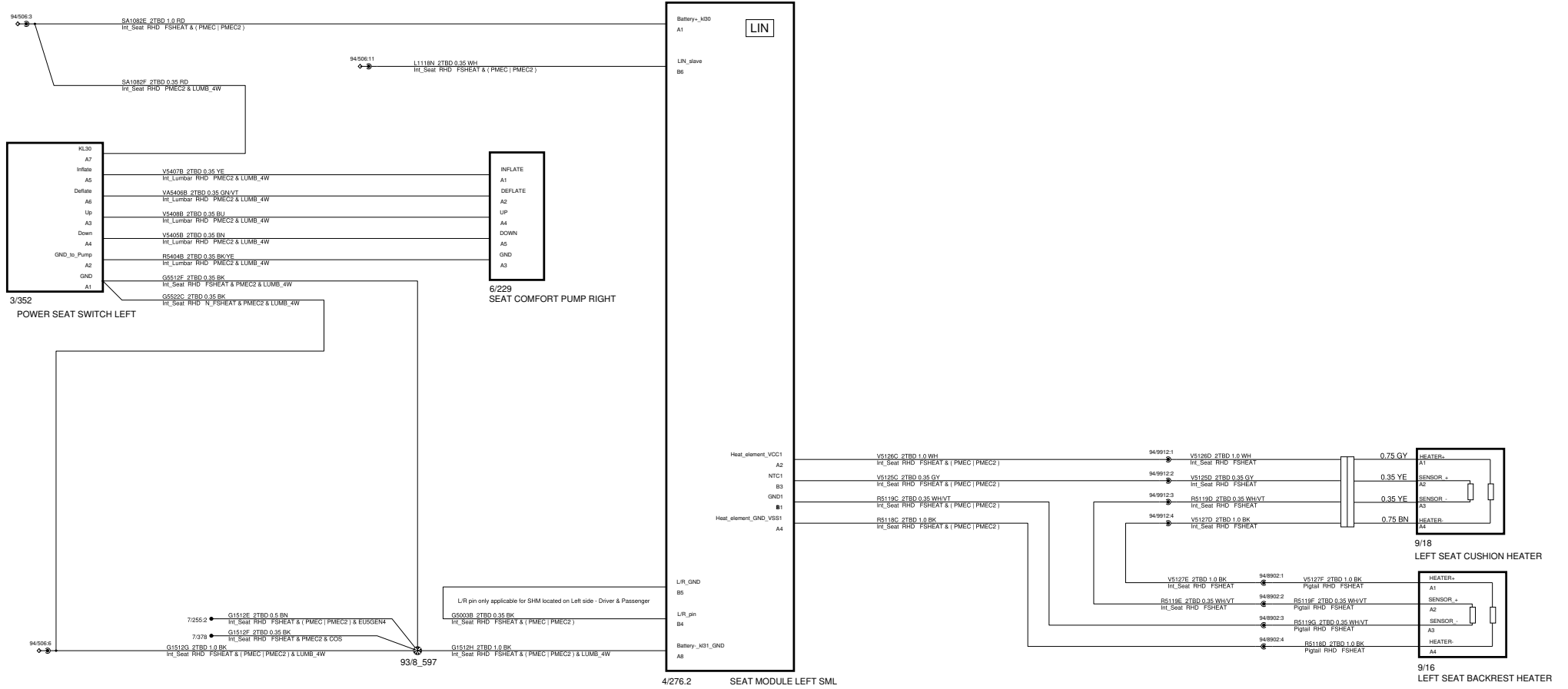
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10A Passenger Seat Internal Harness Mech LHD



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10A Passenger Seat Internal Harness Mech RHD



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