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Table 1: Abbreviations

LF	Left Front	RR	Right Rear
RF	Right Front	MF	Middle Front
LR	Left Rear	-	-

Table 2: Harness Designators

B	Right Body Harness	M	Left Body Harness & Lower IP
C	Center Console	P	RF Door Harness
D	LF Door Harness	R	LR Door Harness
F	Front Bumper Harness	S	RR Door Harness
G	Rear Bumper Harness	T	Right Tailgate Harness
J	Instrument Panel Harness	U	Left Tailgate Harness
K	Headliner	W	Frunk Harness
L	Front End Module	X	Rear Subframe Harness

Table 3: Wire Color Designators

BK	Black	OG	Orange
BN	Brown	RD	Red
BU	Blue	VT	Violet (Purple)
GN	Green	WH	White
GY	Gray	YE	Yellow

Striped wires are indicated by base-color code "/" then stripe color code.  
 "BK/WH" indicates a black wire with a white stripe.

Table 4: Wire Type Designators

F91X	Thin wall 150C rated, highly flexible crosslinked thermoplastic polyolefin elastomer insulation
FLRY	Thin wall 105C rated, regular stranded PVC insulates cables [FLRY-A]
FLRB	Thin wall 105C rated, bunched conductor PVC insulates cables [FLRY-B]
PXT	Thin wall 125C rated, highly flexible EPDM rubber insulated battery cable

General Notes:

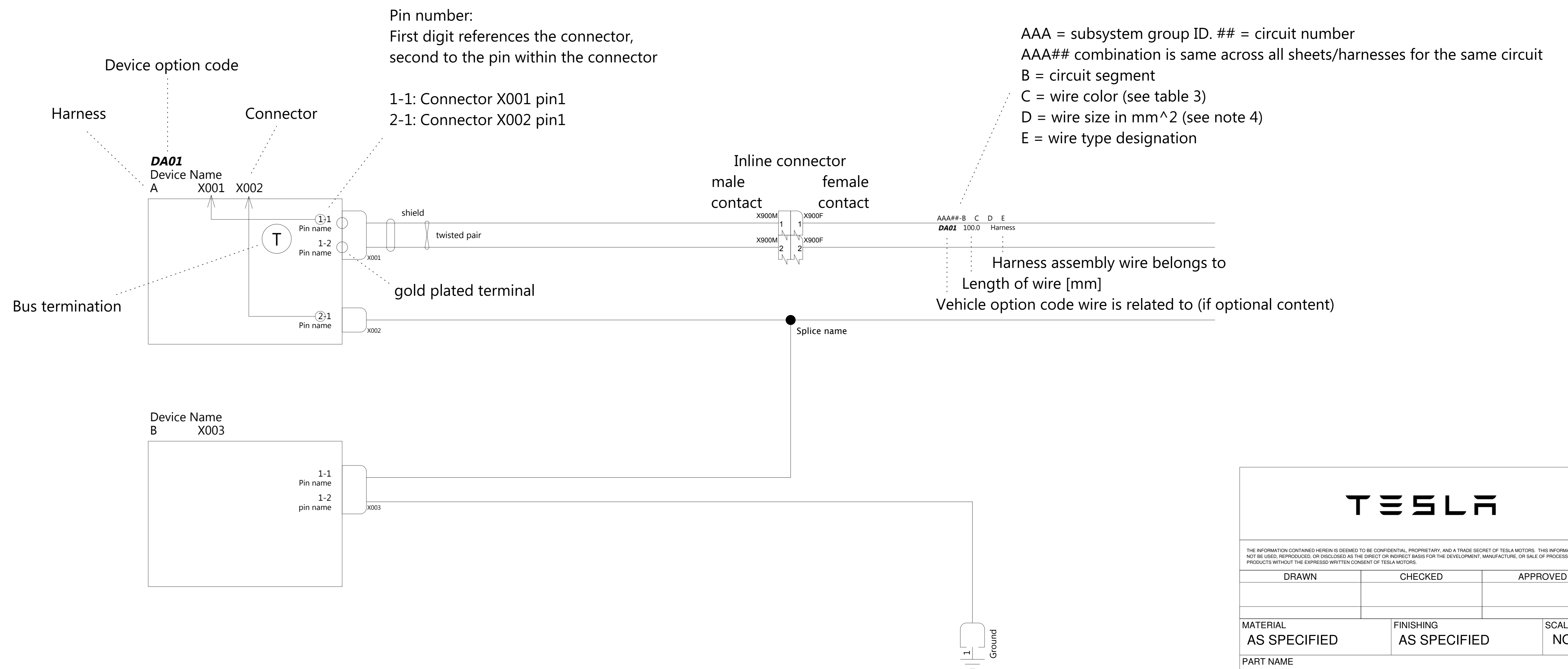
- 1) Switches [Relays] are shown in their inactive [de-energized] state.
- 2) Splices may be split across pages for visual clarity with respect to the function displayed on the particular page.  
There is no overall reference in this document for the signals routed to a specific connector.
- 3) Some connectors are split across multiple pages for clarity.  
There is no overall reference in this document for the signals routed to a specific connector.
- 4) Wire sizes are specified in mm<sup>2</sup> cross-sectional area (CSA) per SAE 1127/8
- 5) Wire Specification: 60V, thin-wall PVC (ISO type or equivalent).  
Default wire type to be rated 60VDC/25VAC and -40C to 105C operating temperature.  
See DIN 13602 or ISO 6722 for detailed specifications.

6) Unless otherwise specified at the device pins, terminal plating is to be Tin or Pre-Tin

TERMINAL PLATING

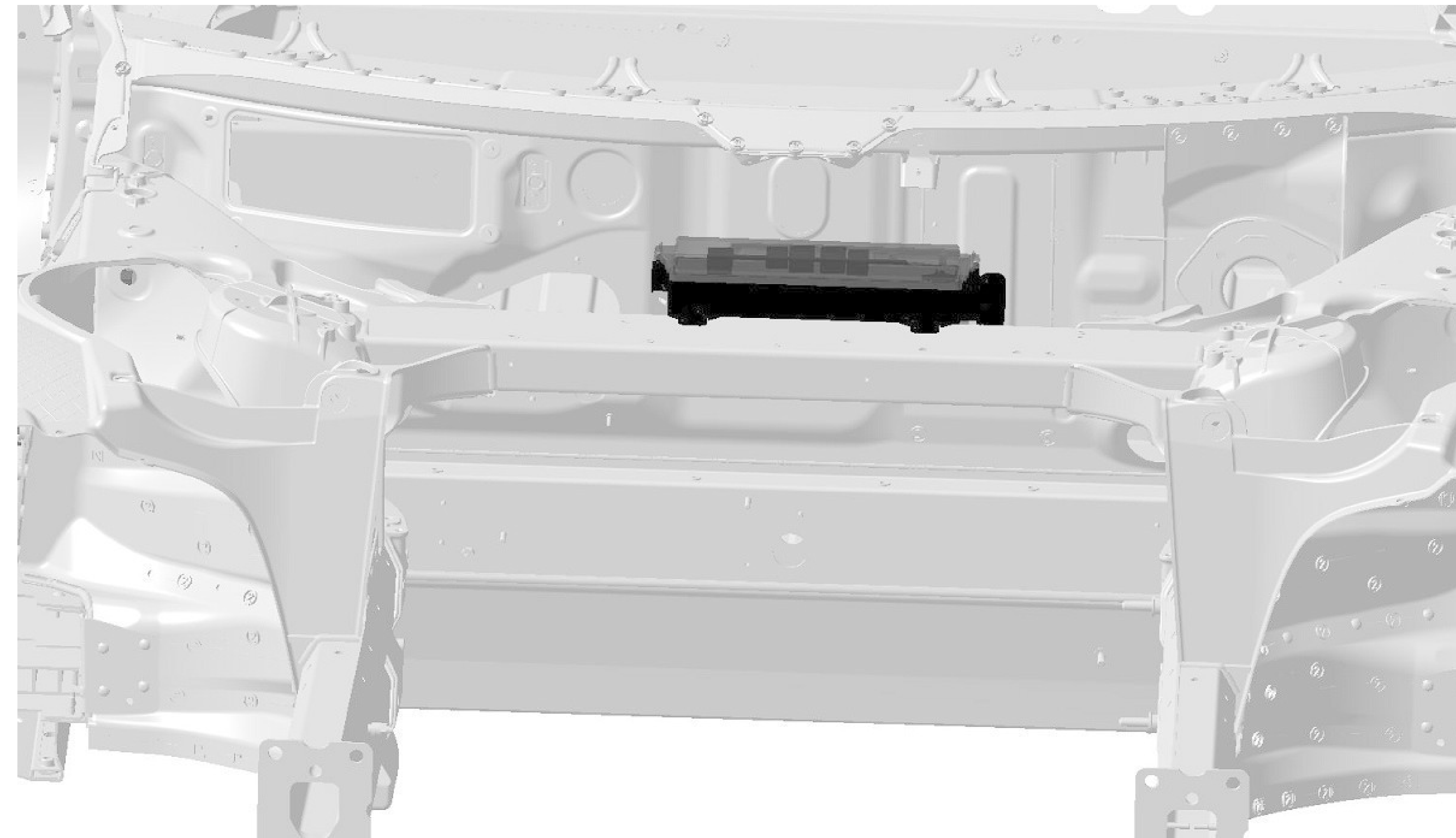
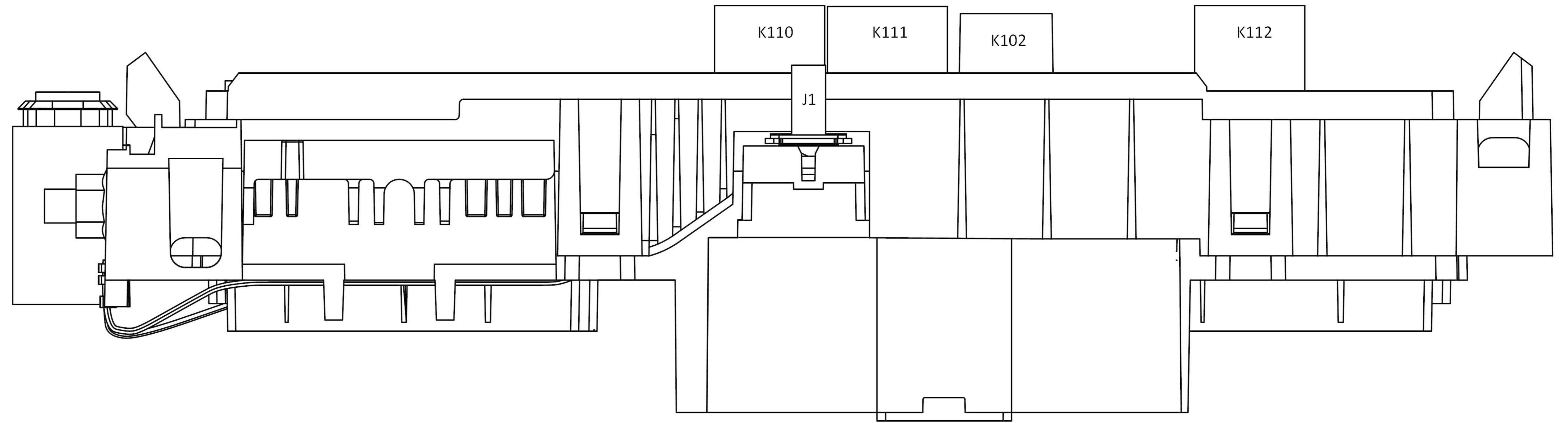
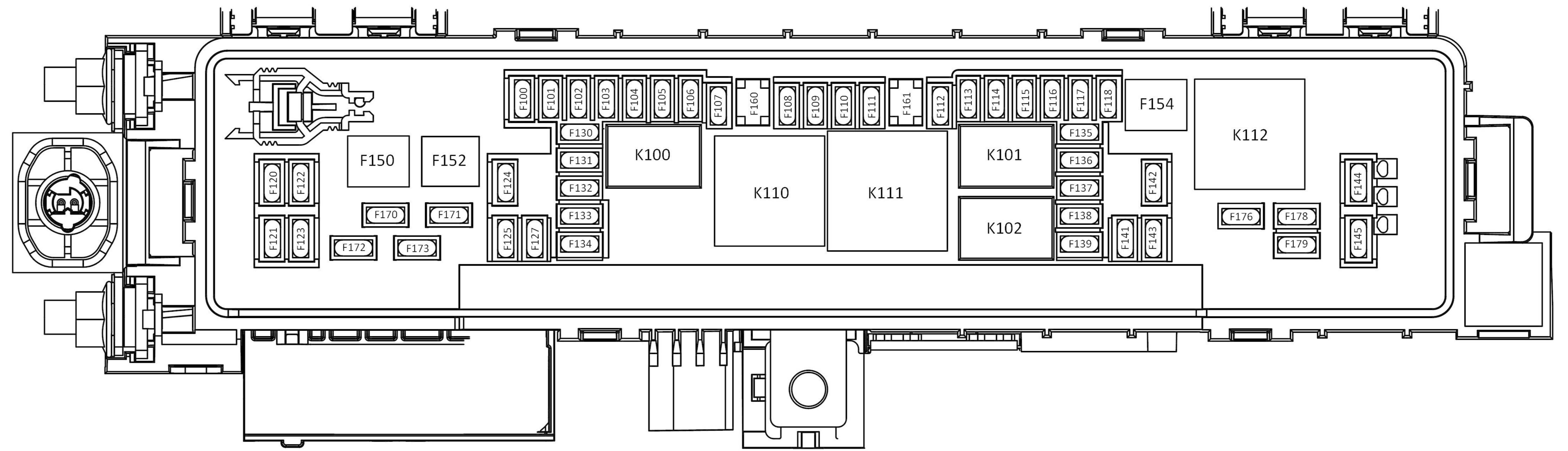
- GOLD TERMINAL NECESSARY
- SILVER PLATING NECESSARY

- 7) Inline connector gender specification is based on the terminal type.  
Inline connectors with "M" suffix have male, tab or pin terminals  
Inline connectors with "F" suffix have female, receptacle or socket terminals



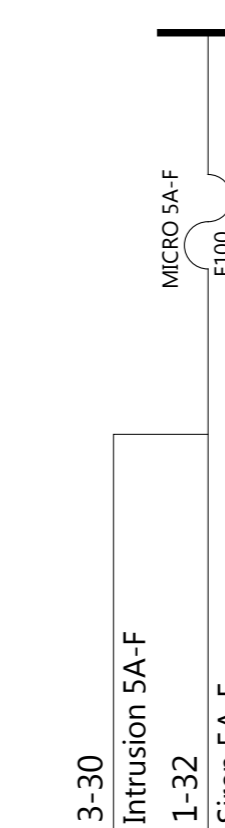
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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME Table of Contents		
PART NUMBER	REV 2	SHEET 1 of 1
		SIZE A0

Des.	Value	Type	Functional Description
F100	5A	MICRO2	Siren-, Intrusion Module
F101	-	-	not used
F102	-	-	not used
F103	25A	MICRO2	ABS Valves
F104	-	-	not used
F105	-	-	not used
F106	-	-	not used
F107	5A	MICRO2	Drive Inverter, Rear
F108	5A	MICRO2	Drive Rail Sense
F109	10A	MICRO2	Park Assist
F110	5A	MICRO2	Restraints Control Module
F111	-	-	not used
F112	5A	MICRO2	Cabin Comfort Systems
F113	10A	MICRO2	Cabin Air Heater
F114	10A	MICRO2	Thermal Controller, Inlets, Battery Heater
F115	-	-	not used
F116	10A	MICRO2	Body Controls Group 1
F117	10A	MICRO2	Air Suspension Controls/Valves
F118	-	-	not used
F120	-	-	not used
F121	-	-	not used
F122	15A	MICRO2	Coolant Pump PT1
F123	15A	MICRO2	Coolant Pump Batt2
F124	10A	MICRO2	Windshield Wiper De-Ice
F125	10A	MICRO2	Contactora Power
F127	10A	MICRO2	Auto Pilot ECU Secondary
F130	5A	MICRO2	Forward Radar
F131	-	-	not used
F132	5A	MICRO2	Drive Inverter, Front
F133	-	-	not used
F134	-	-	not used
F135	10A	MICRO2	Forward Camera Defog
F136	15A	MICRO2	Coolant Pump PT2
F137	15A	MICRO2	Coolant Pump Batt1
F138	30A	MICRO2	Rear Defrost Grid
F139	-	-	not used
F141	-	-	not used
F142	15A	MICRO2	Security Controls and Horns
F143	30A	MICRO2	Body Controls Group 2
F144	20A	MICRO2	Headlamps
F145	25A	MICRO2	Exterior Lighting
F150	-	-	not used
F152	-	-	not used
F154	-	-	not used
F160	30A	J-Case-LP	Cabin Fan Motor
F161	-	-	not used
F170	-	-	not used
F171	-	-	not used
F172	-	-	not used
F173	-	-	not used
F176	-	-	not used
F178	-	-	not used
F179	-	-	not used
K100	-	-	not used
K101	M280.		HVAC Rail
K102	M280.		Rear Defrost Grid
K110	HCISO		Drive Rail
K111	HCISO		HVAC Rail
K112	-	-	not used
K113	HCISO		HVAC Rail



**Note:**

**Fuses may be installed even when function does not apply to your vehicle**



Pin number:  
First digit references the connector,  
second to the pin within the connector

3-30: Connector X563 Pin 30  
1-32: Connector X561 Pin 32

Table 5: Frunk fusebox prefix, connector coherence

Prefix	Connector
1-	X561
2-	X562
3-	X563

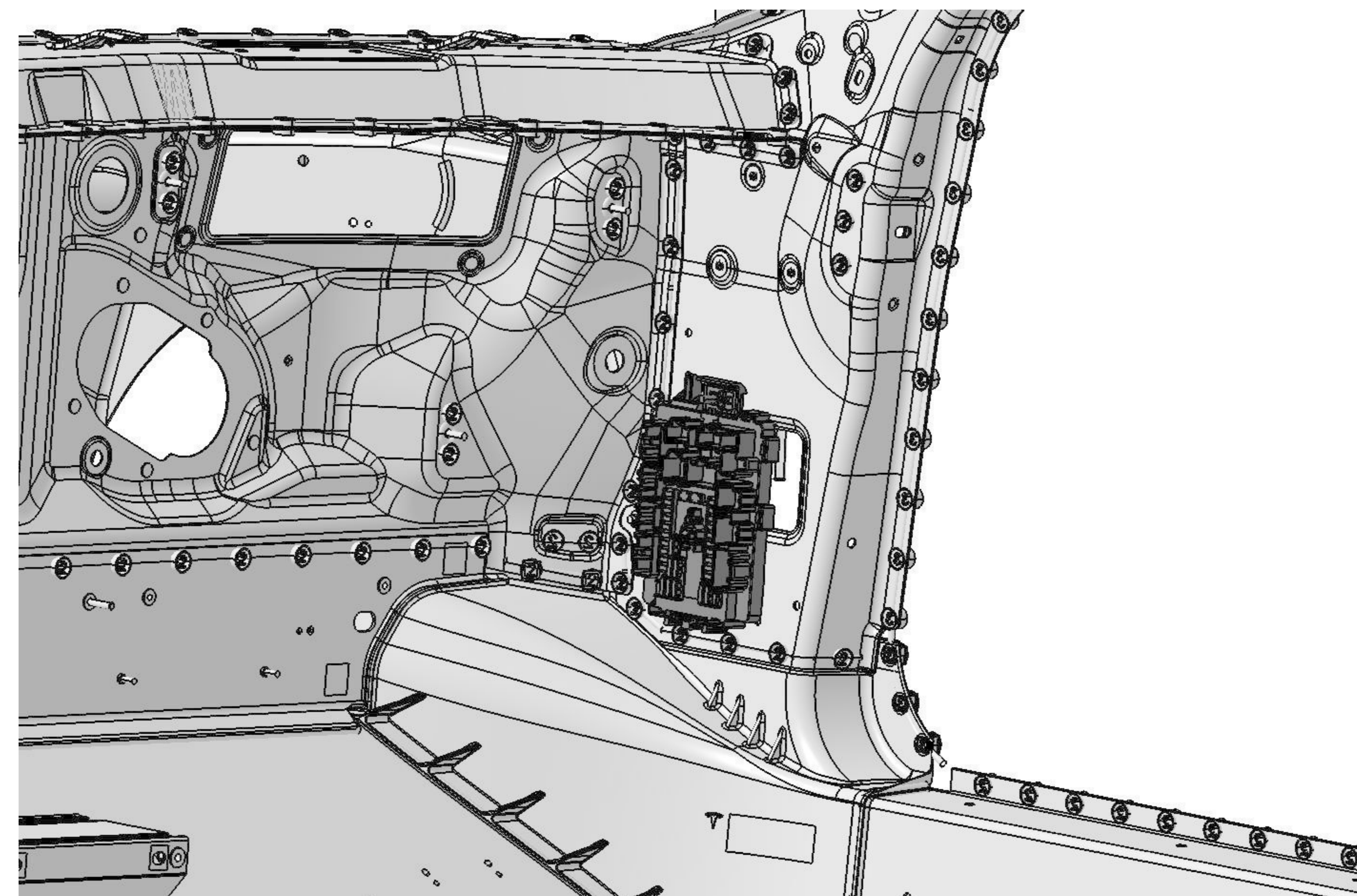
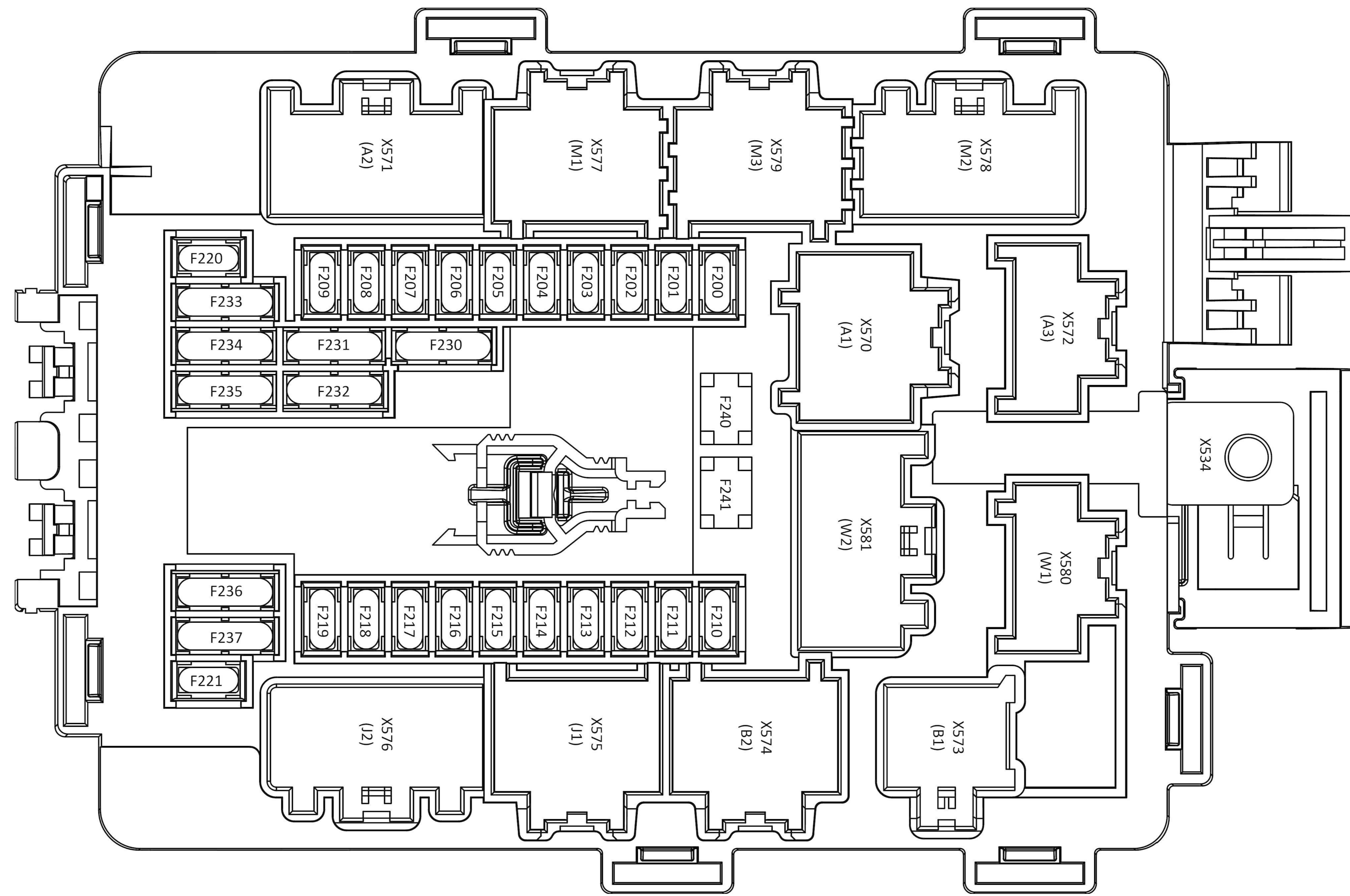
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DRAWN		CHECKED		APPROVED	
MATERIAL AS SPECIFIED		FINISHING AS SPECIFIED		SCALE NONE	
PART NAME Front Fusebox Layout					
PART NUMBER		REV 2	SHEET 1 of 1	SIZE A0	



Des.	Value	Type	Functional Description
F200	5A	MICRO2	Memory Seat Module
F201	25A	MICRO2	Window Lift Motor, Left Rear
F202	-	-	not used
F203	20A	MICRO2	12V Power Socket
F204	25A	MICRO2	Window Lift Motor, Right Front
F205	25A	MICRO2	Window Lift Motor, Left Front
F206	25A	MICRO2	Sunroof / Steering Column Adjust
F207	15A	MICRO2	12V USB Outlet
F208	-	-	not used
F209	-	-	not used
F210	30A	MICRO2	Power Liftgate
F211	25A	MICRO2	Window Lift Motor, Right Rear
F212	-	-	not used
F213	-	-	not used
F214	30A	MICRO2	Auto Pilot ECU Primary
F215	10A	MICRO2	Steering Wheel Heater
F216	20A	MICRO2	Electric Park Brake Primary
F217	20A	MICRO2	Premium Audio Amplifier
F218	20A	MICRO2	Base Audio Amplifier
F219	5A	MICRO2	Glove Box Light, Diagnostics
F220	5A	MICRO2	Brake Pedal Switch
F221	5A	MICRO2	Battery Management System
F230	15Ax2	MICRO3	Seat Heater, Second Row, Right 12V Aux Outlet
F231	15Ax2	MICRO3	Seat Heater, Second Row, Left Seat Heater, Second Row, Middle
F232	15Ax2	MICRO3	Seat Heater, First Row, Left Seat Heater, First Row, Right
F233	10Ax2	MICRO3	Door Controls & Handles Left Front Door Controls & Handles Right Front
F234	5Ax2	MICRO3	Door Handle, Left Rear Door Handle, Right Rear
F235	10Ax2	MICRO3	Gateway / Center Display Charging Systems, Drive Inverter Rear
F236	5Ax2	MICRO3	Steering Angle / Column Radio, Rear View Mirror
F237	5Ax2	MICRO3	Instrument Cluster iBooster
F240	15A	J-Case-S	Seat Motors, Right Front
F241	15A	J-Case-S	Seat Motors, Left Front



**Note:**

**Fuses may be installed even when function does not apply to your vehicle**

**Relays in cabin fusebox are not servicable**

1-6  
Memory Seat 5A-F

Table 6: Cabin fusebox prefix, connector coherence

Prefix	Connector
1-	X570
2-	X571
3-	X572
4-	X573
5-	X574
6-	X575
7-	X576
8-	X577
9-	X578
10-	X579
11-	X580
12-	X581

Pin number:  
First digit references the connector,  
second to the pin within the connector

1-6: Connector X020 Pin 6

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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME Cabin Fusebox Layout		
PART NUMBER	REV 1	SHEET 1 of 1
		SIZE AO



Des.	Conn	Functional Description
X539	-	Case Ground
X540	-	Logic Interface
X542	L	Battery Positive
X543	K	DCDC Converter
X544	J	Frunk BEC
X545	H	-
X546	I	Power Steering Redundant
X547	G	Cabin BEC
X548	A	Air Suspension Compressor
X549	B	Condenser Fan Right
X550	C	Condenser Fan Left
X551	D	Power Steering Primary
X552	E	ABS Motor
X553	F	iBooster

**Note:**

**For assembly instructions and torque values please use document DOC-0012346**

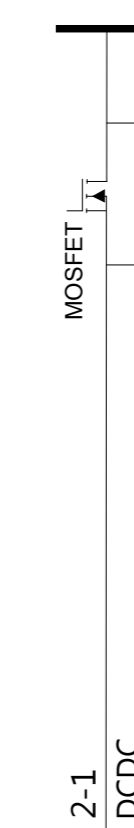
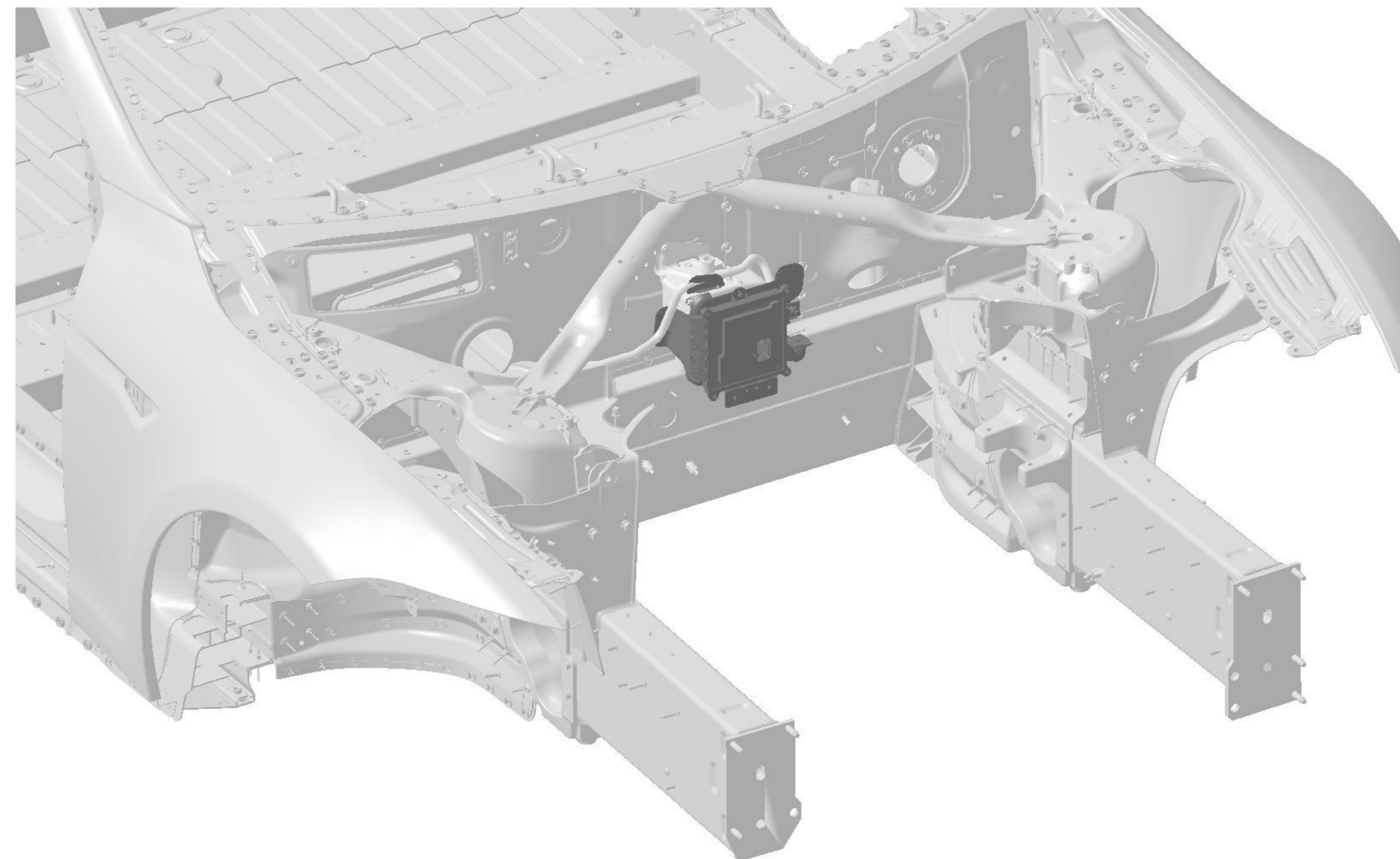
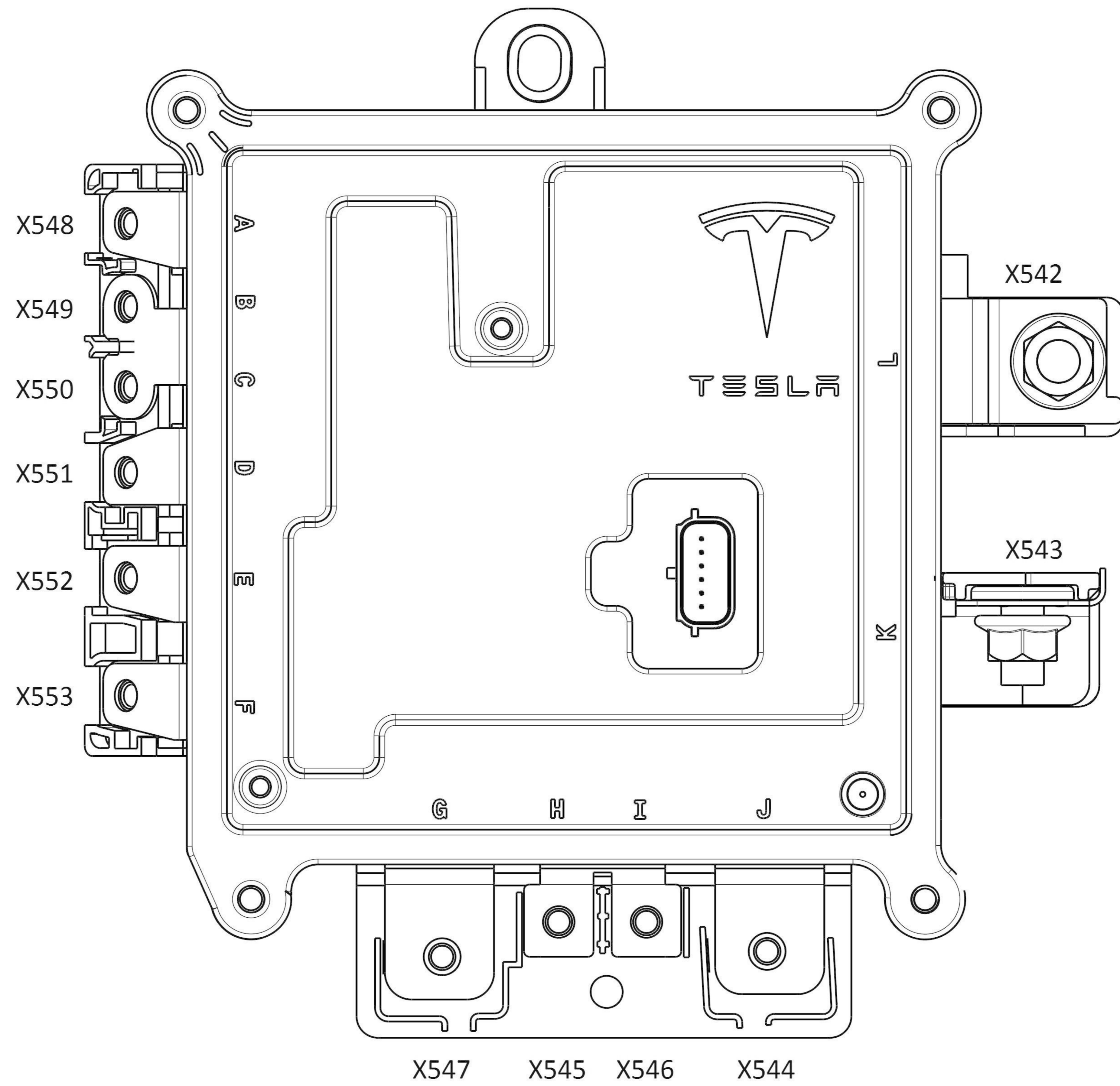


Table 7: E-Fuse prefix, connector coherence

Prefix	Connector
1-	X542
2-	X543
3-	X544
4-	X545
5-	X546
6-	X547
7-	X548
8-	X549
9-	X550
10-	X551
11-	X552
12-	X553

Pin number:  
First digit references the connector,  
second to the pin within the connector

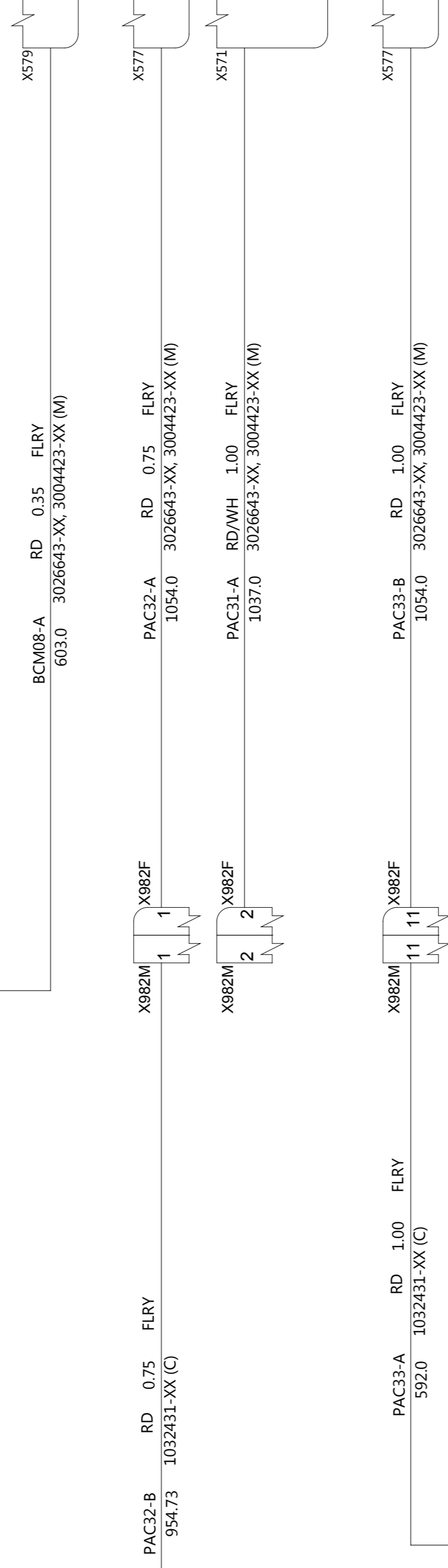
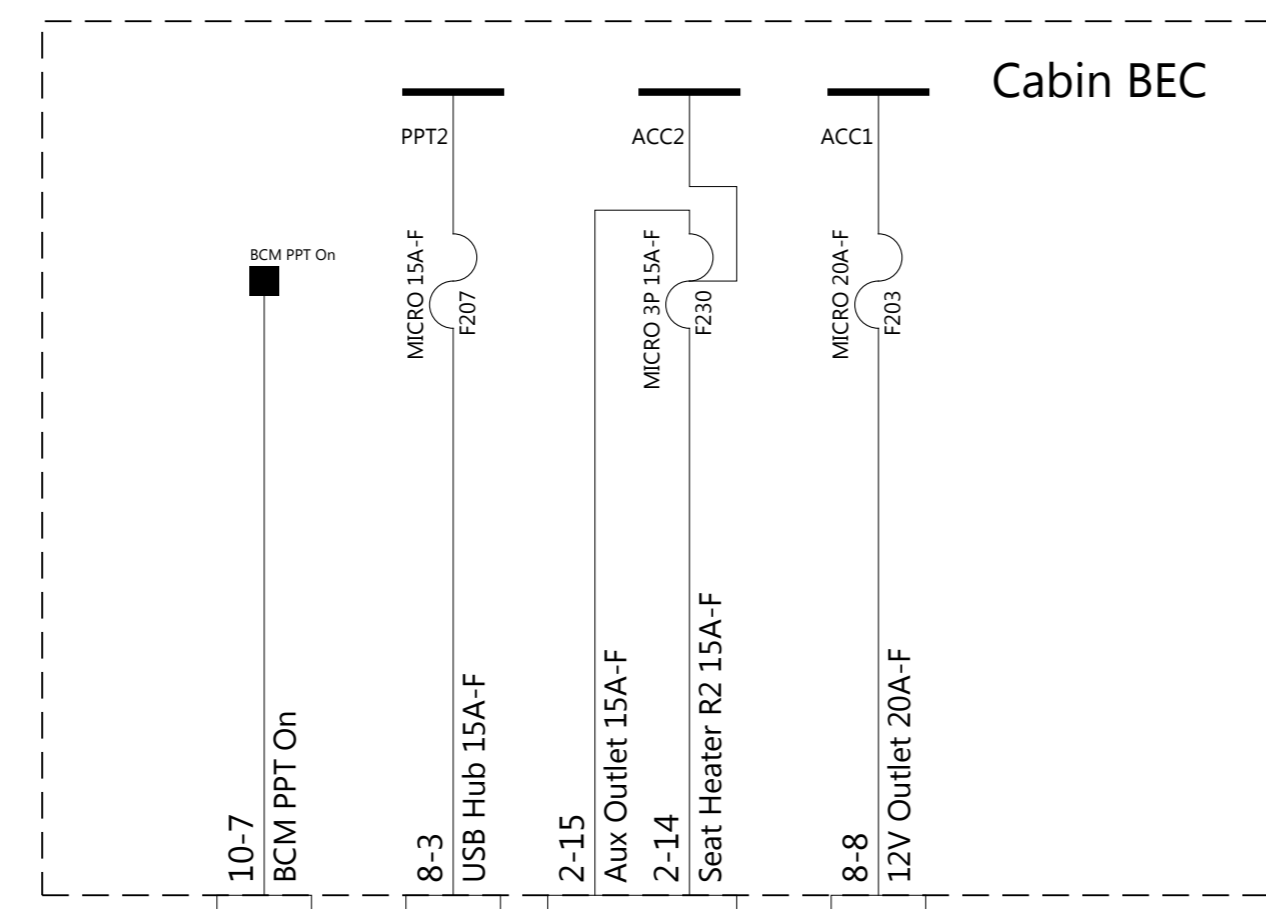
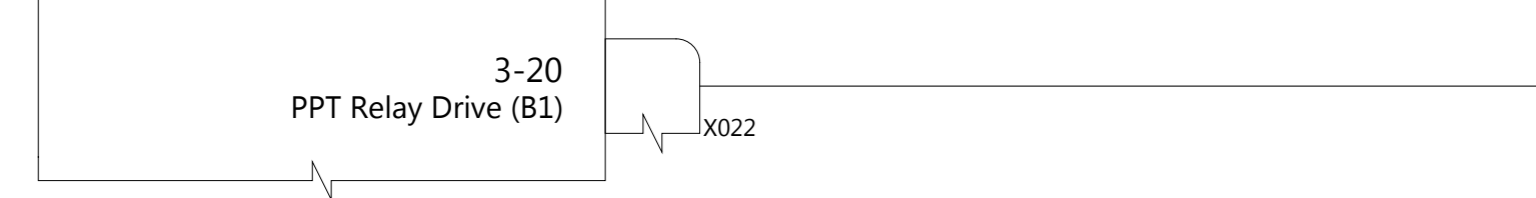
2-1: Connector X543 Pin 1

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DRAWN	CHECKED	APPROVED
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PART NAME E-Fuse Layout		
PART NUMBER	REV 1	SHEET 1 OF 1
		SIZE AO

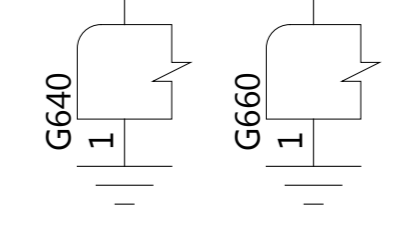
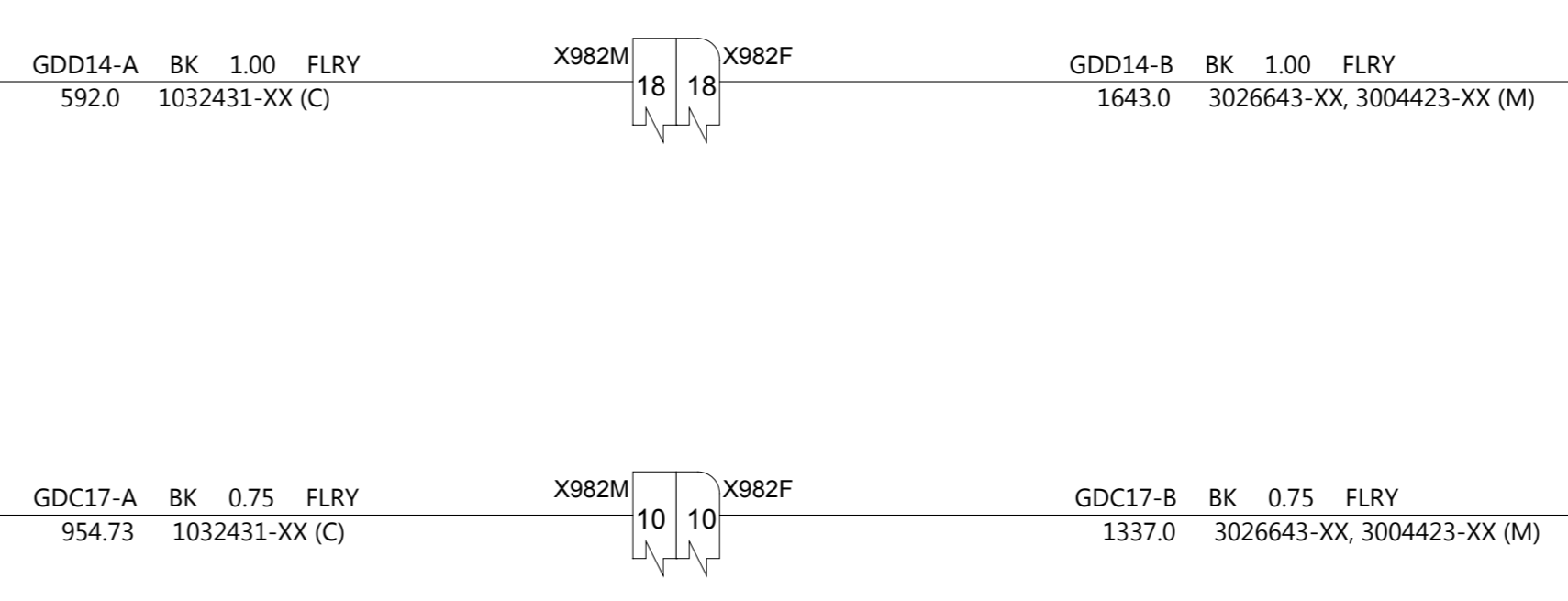
Body Control Module (BDY/SEC)  
M, W X020 X021 X022 X024 X025 X026 X027 X028



Aux 12V Power Socket  
C X523



12V Outlet USB Hub  
C X522



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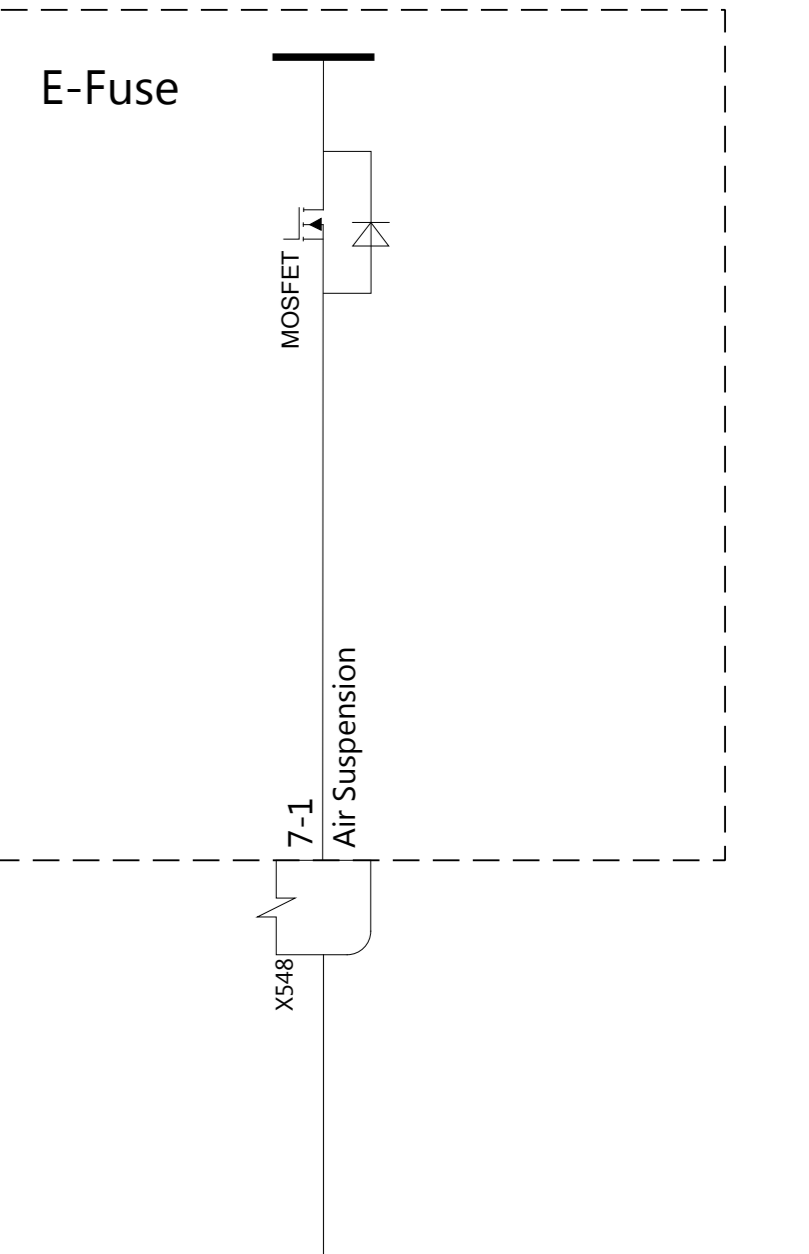
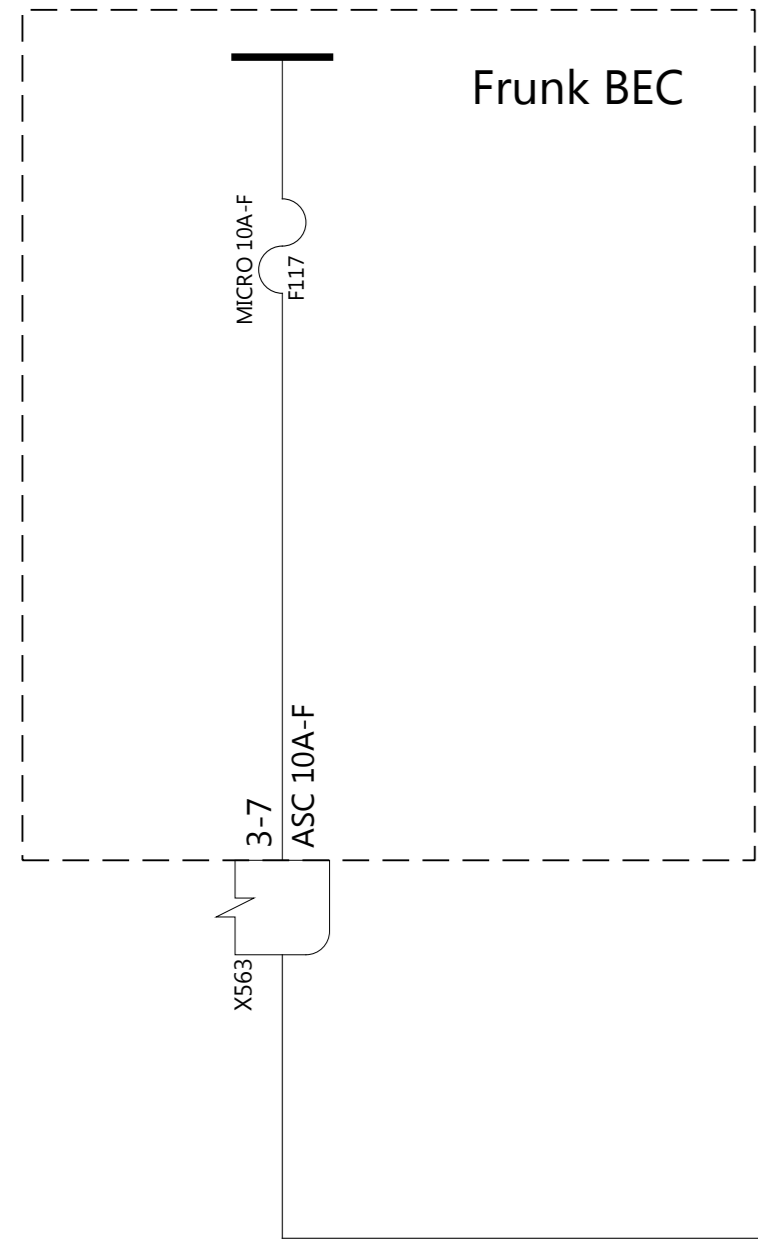
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DRAWN	CHECKED	APPROVED
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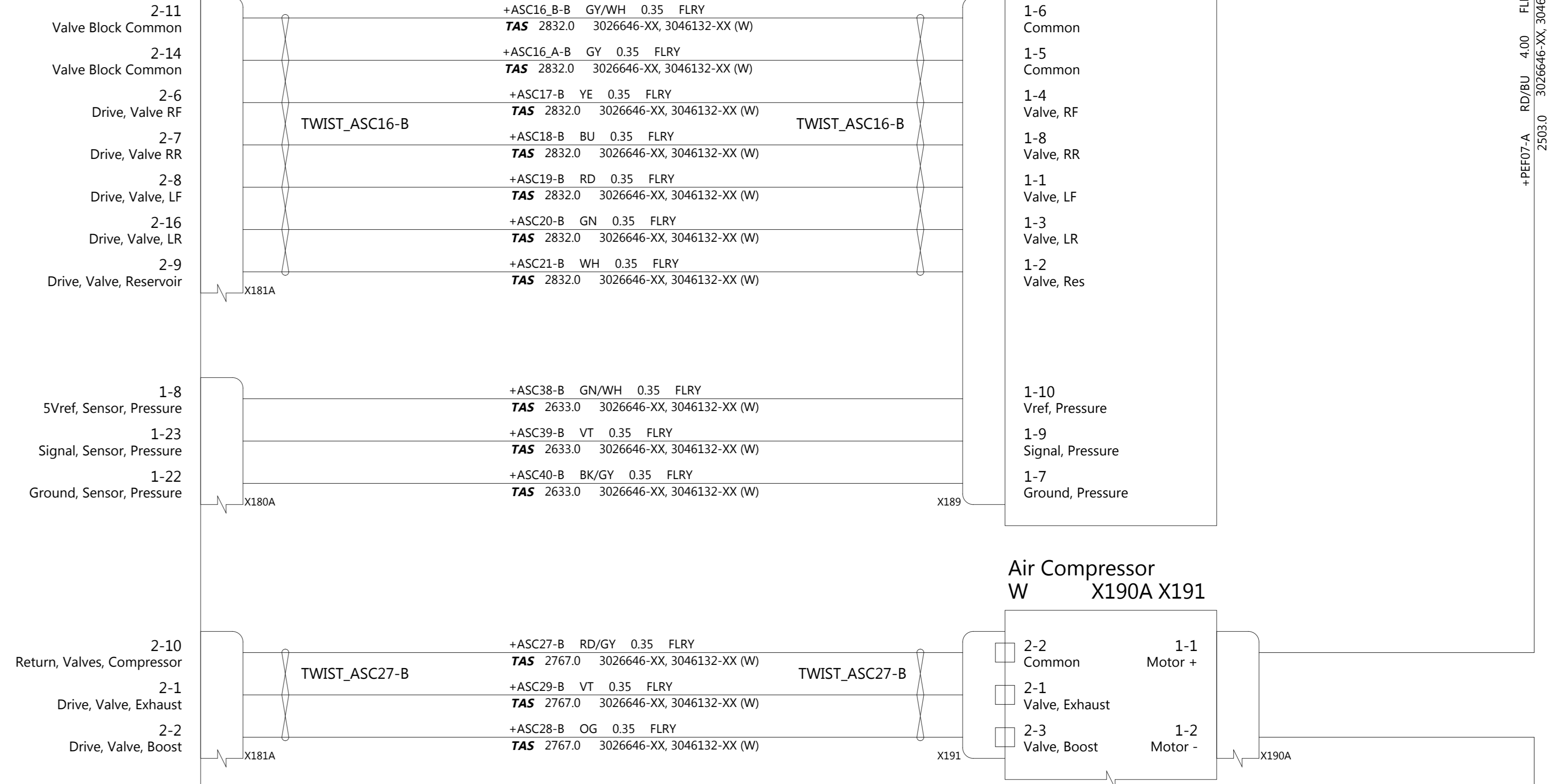
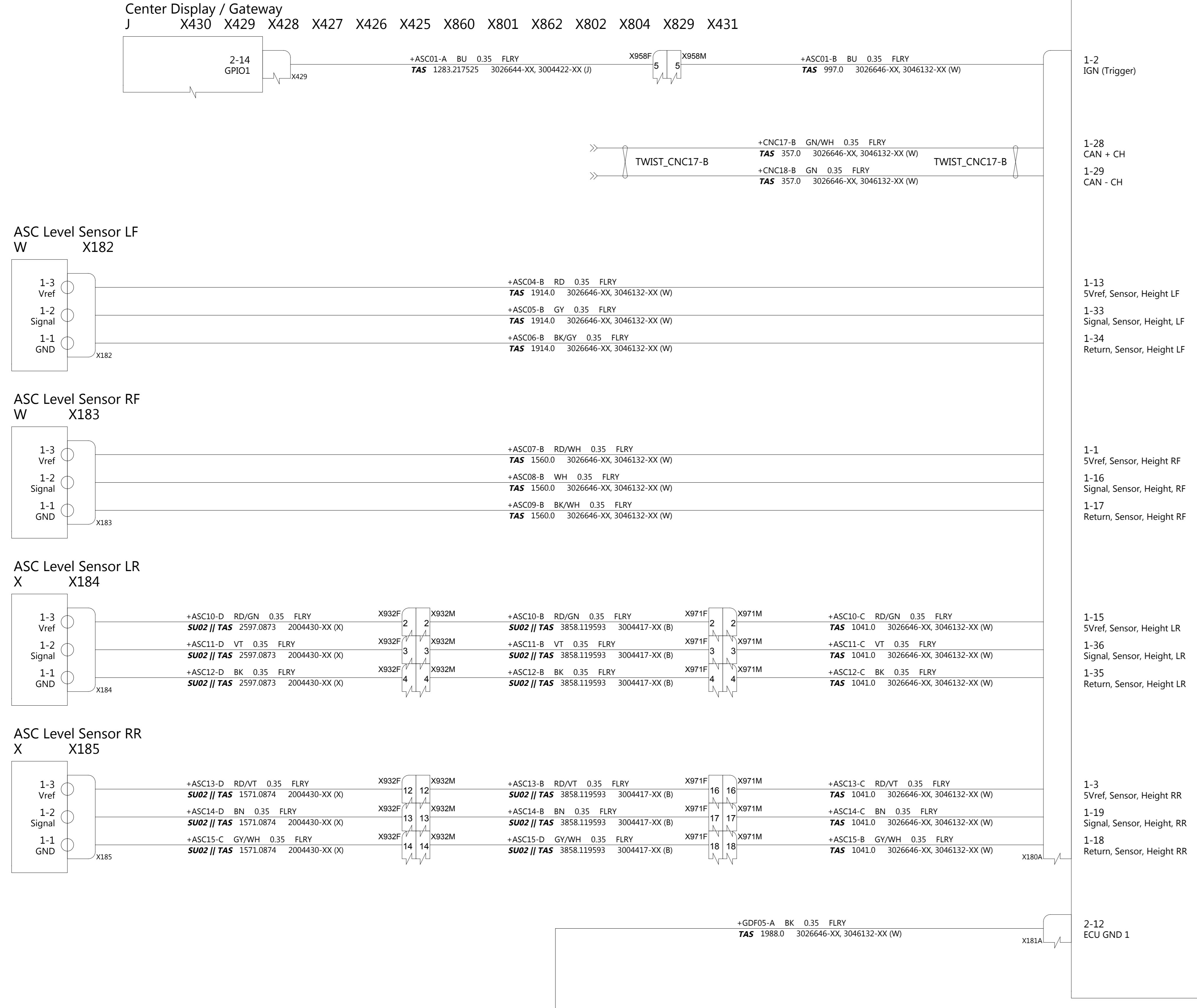
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
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PART NAME  
12V Outlets / USB Power

PART NUMBER	REV 2	SHEET 1 of 1	SIZE A0
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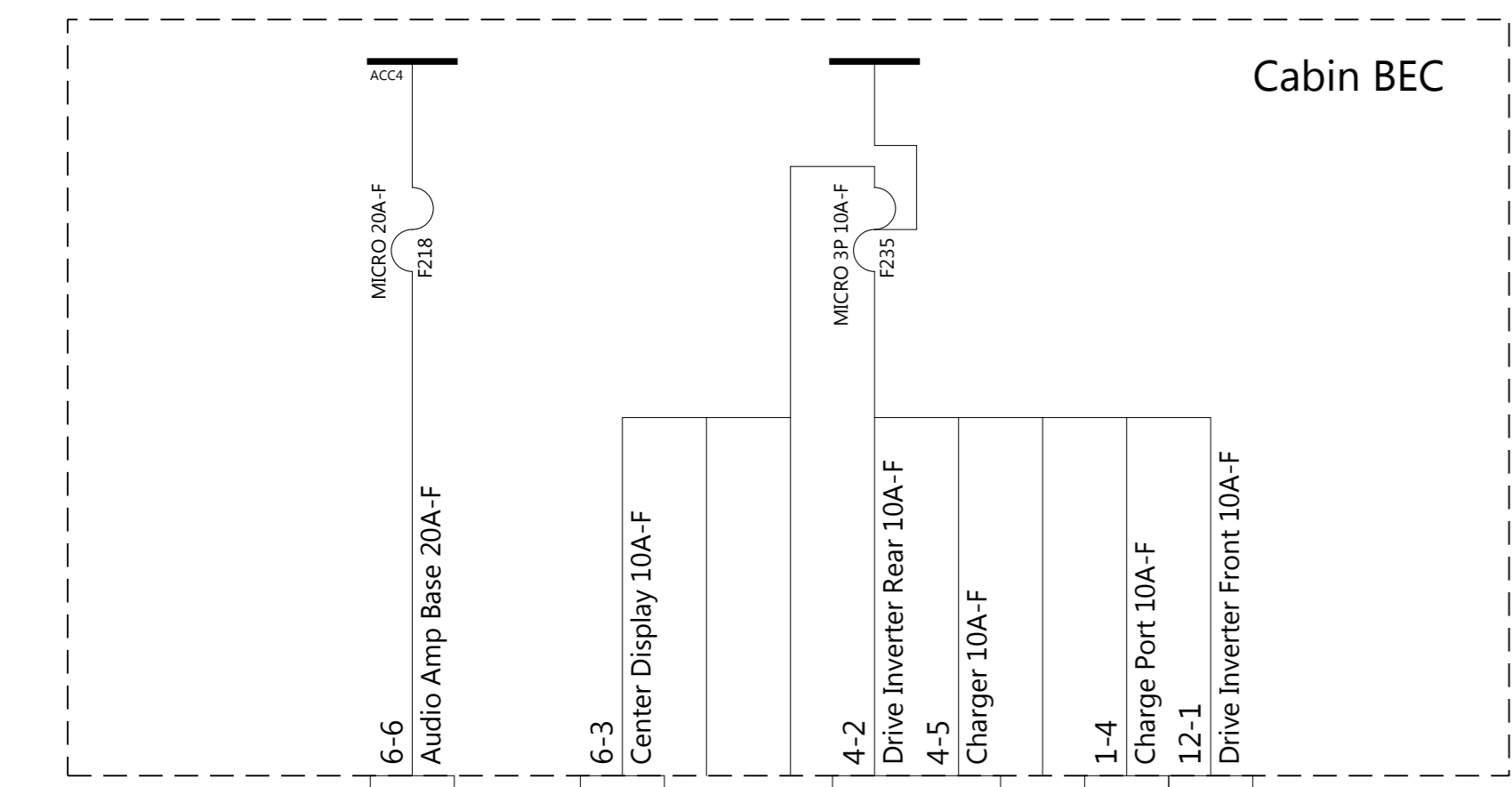


**TAS**  
Tesla Air Suspension Controller (TAS)  
W X180A X181A

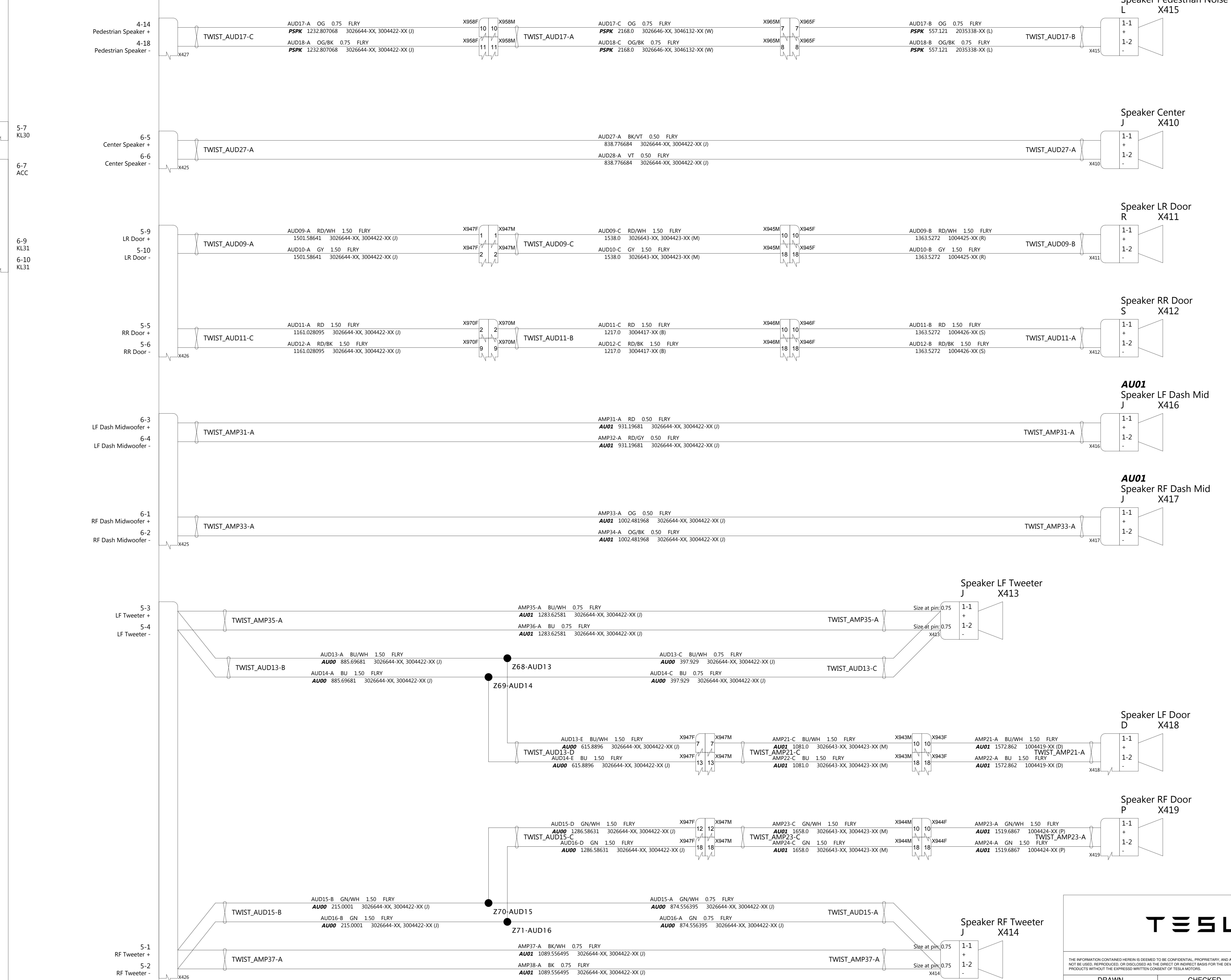


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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME Tesla Air Suspension		
PART NUMBER	REV 1	SHEET 53 of 54
		SIZE A0





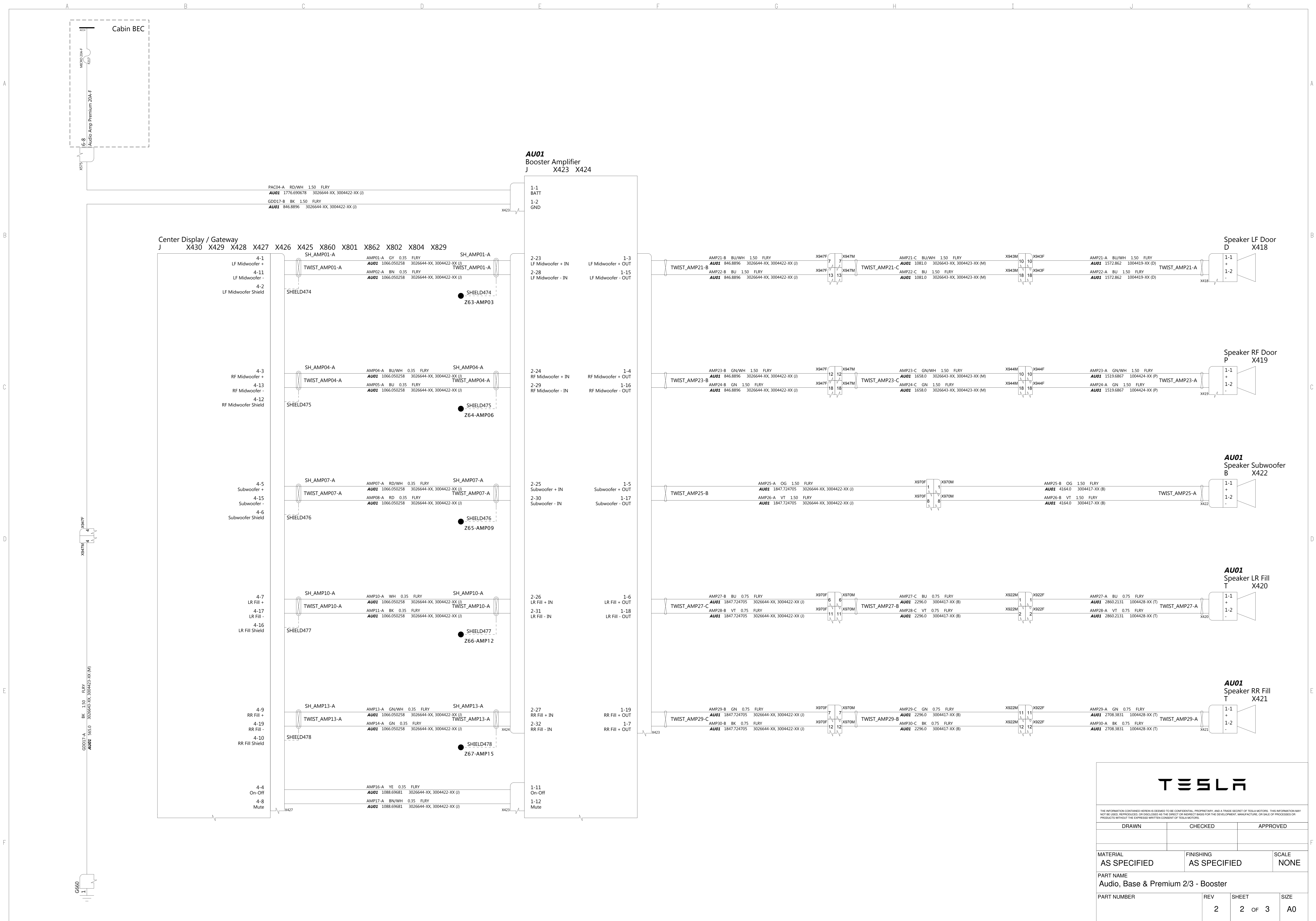
**Center Display / Gateway**  
X430 X429 X428 X427 X426 X425 X860 X801 X862 X802 X804 X829



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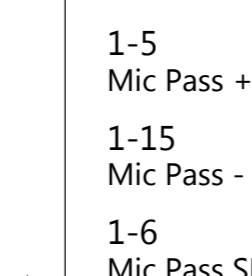
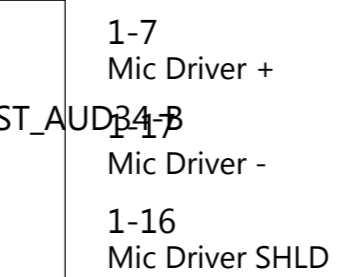
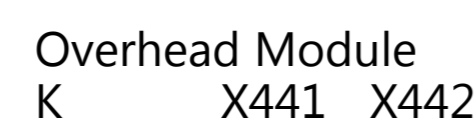
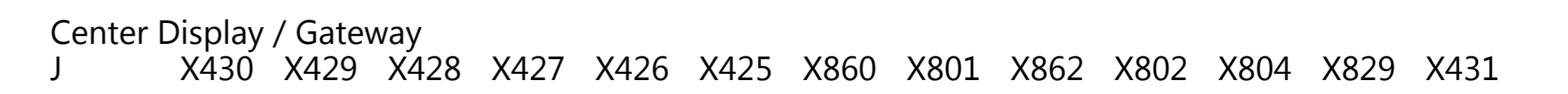
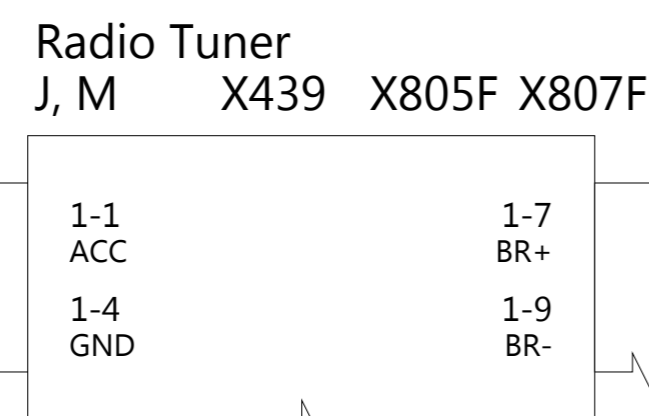
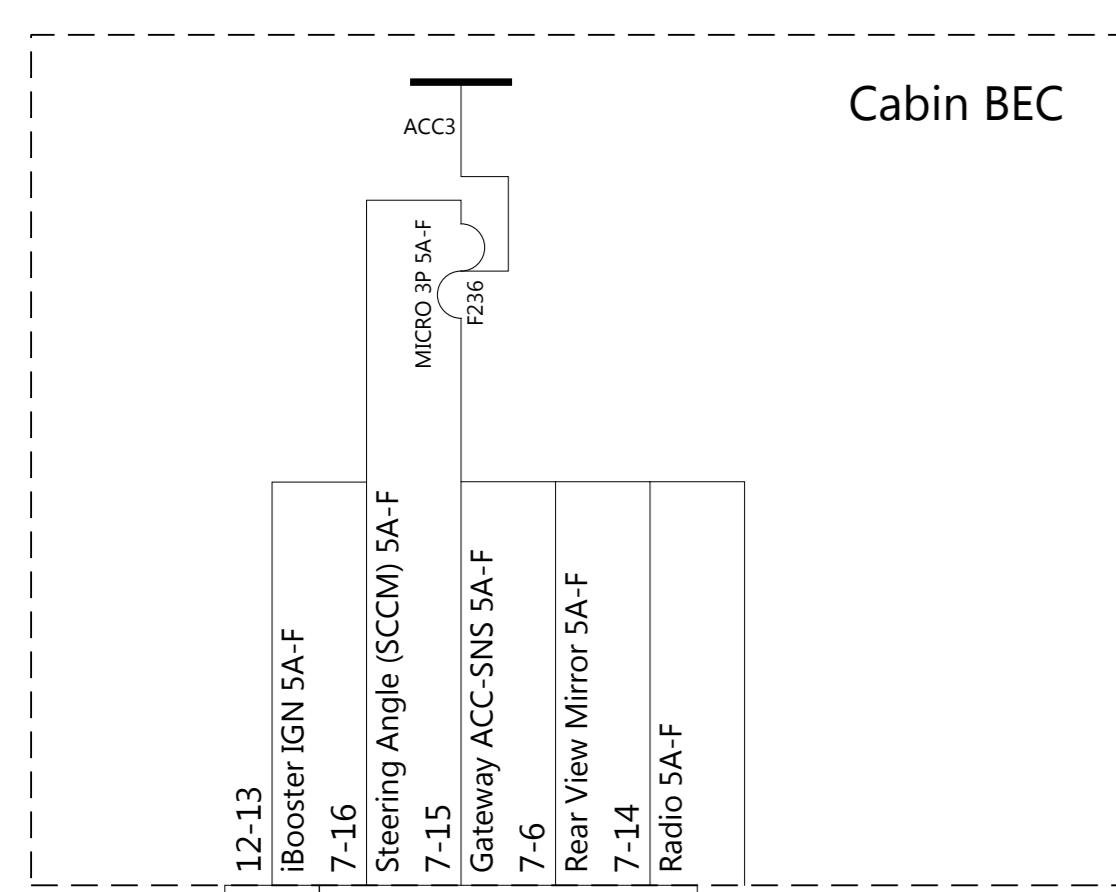
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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME Audio, Base & Premium 1/3 - MCU		
PART NUMBER	REV 2	SHEET 1 of 3
		SIZE A0

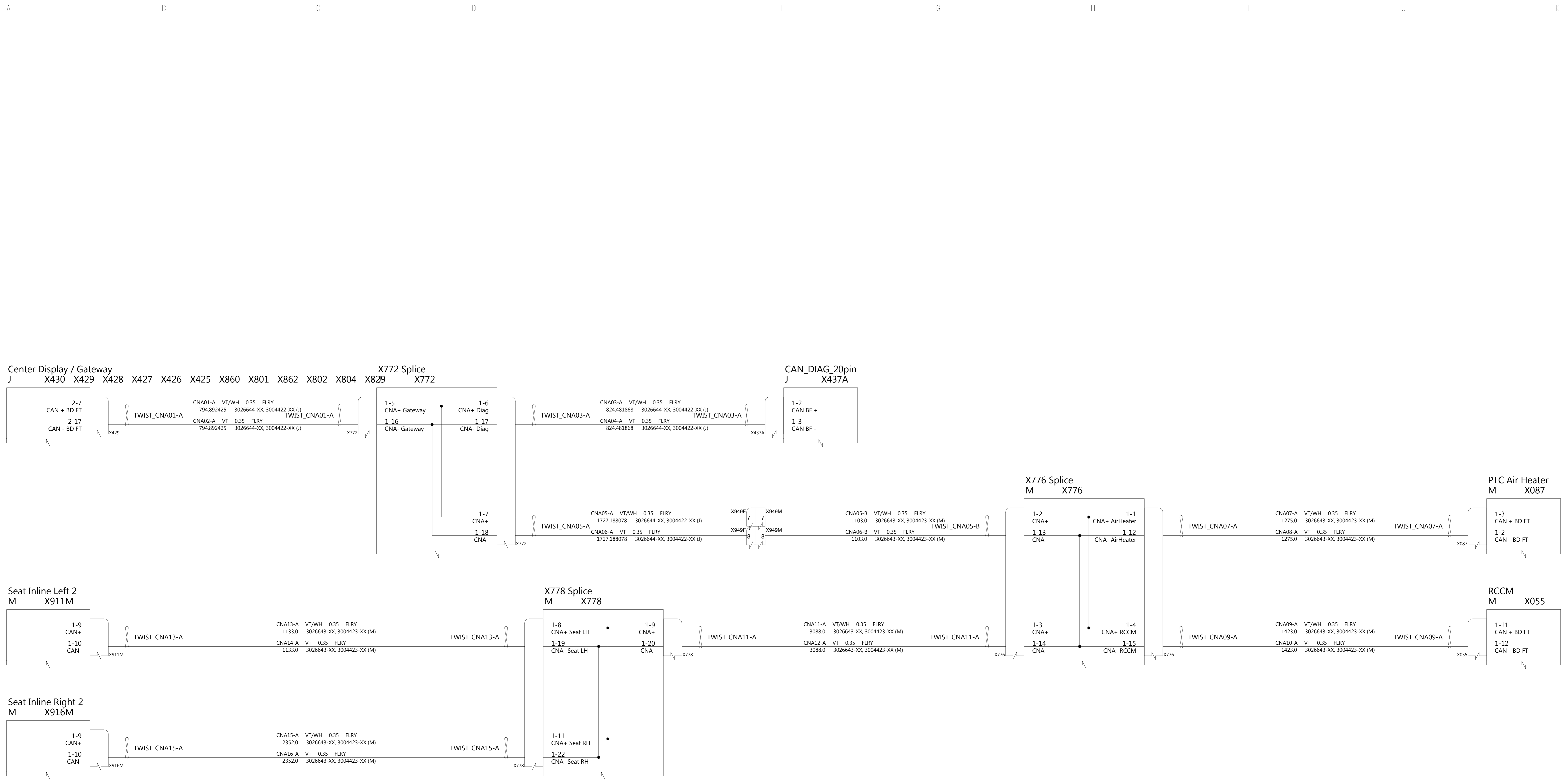


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DRAWN	CHECKED	APPROVED	
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE	
PART NAME Audio, Base & Premium 2/3 - Booster			
PART NUMBER	REV 2	SHEET 2 of 3	SIZE A0





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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME Audio, Base & Premium 3/3 - Radio/MIC		
PART NUMBER	REV 3	SHEET 3 of 3
		SIZE A0



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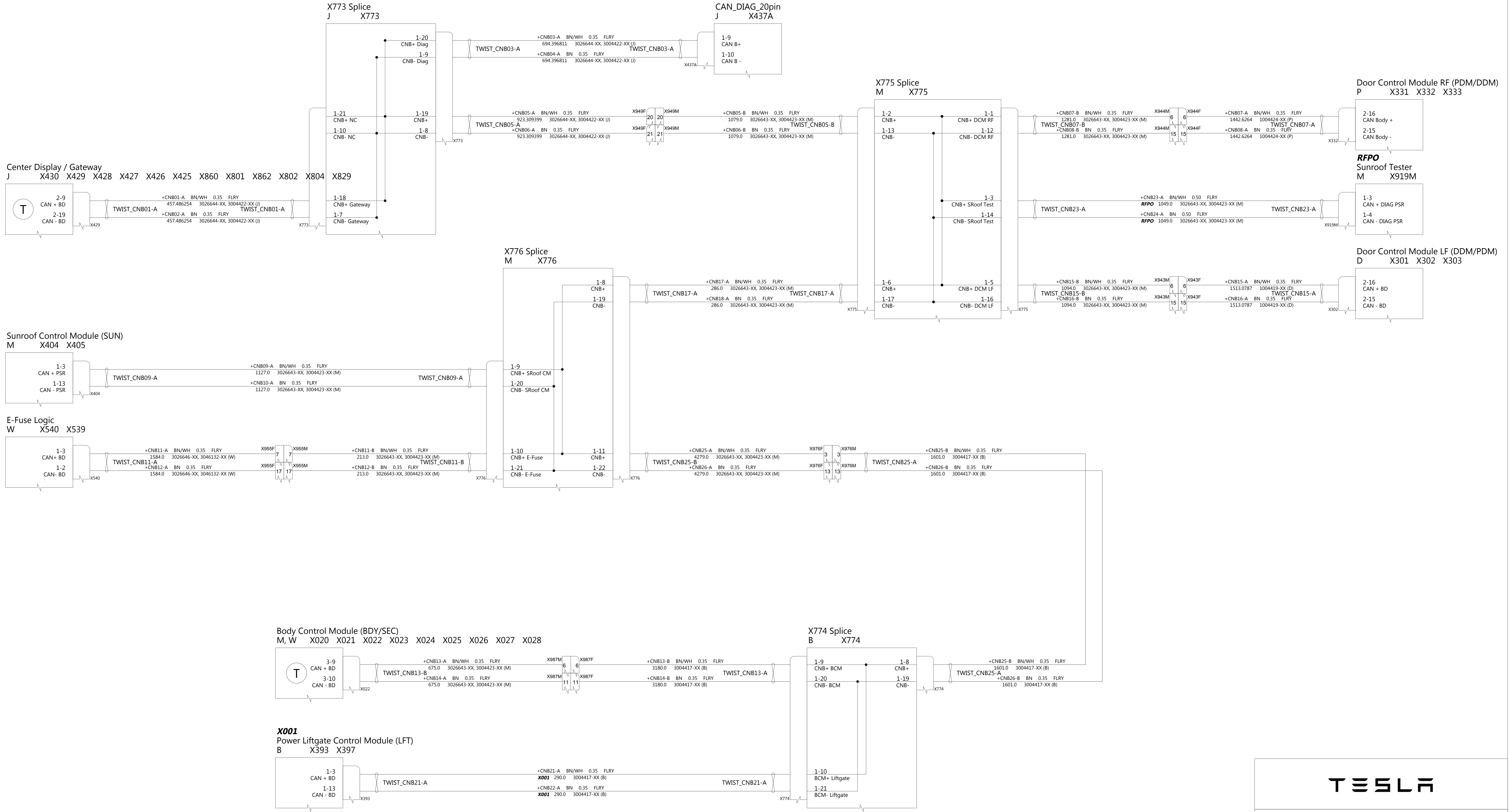
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MATERIAL	FINISHING	SCALE
AS SPECIFIED	AS SPECIFIED	NONE

PART NAME  
CAN Network - BFT

PART NUMBER	REV	SHEET	SIZE
	1	1 OF 1	A0





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DRAWN	CHECKED	APPROVED	
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE	
PART NAME CAN Network - Body			
PART NUMBER	REV 2	SHEET 1 of 1	SIZE A0





**Center Display / Gateway**  
 J X430 X429 X428 X427 X426 X425  
 X860 X801 X862 X802 X804 X829

**AutoPilot ECU (DAS)**  
 J X149 X865 X866 X872 X873  
 X801A X833 X834 X835 X836 X150

**Charger Gen3 (CHG)**  
 B X042A

**EPB ECU**  
 B X101 X102

**DV2W // X024**  
 Drive Inverter Rear Large (DI)  
 X X250

**X025**  
 Drive Inverter Rear Small (DI)  
 X X251

**X772 Splice**  
 J X772

**Tesla Thermal Controller (THC)**  
 W X050 X051 X052 X053

**X779 Splice**  
 B X779

**X777 Splice**  
 W X777

**X778 Splice**  
 M X778

**CAN\_DIAG\_20pin**  
 J X437A

**DV4W**  
 Drive Inverter Front (DIS)  
 W X255

**DV2W**  
 HVAC Compressor [DV2W] (CMP)  
 W X085 X086

**DV4W**  
 HVAC Compressor [DV4W] (CMP)  
 W X085A X086A

**DC-DC GEN2**  
 W X041 X501 X504

**HV Battery (BMS)**  
 M X035 X036

**EUNA CP**  
 Charge Port AC/DC (CP)  
 M X044

**CNCP**  
 Charge Port ECU  
 M X049

**TESLA**

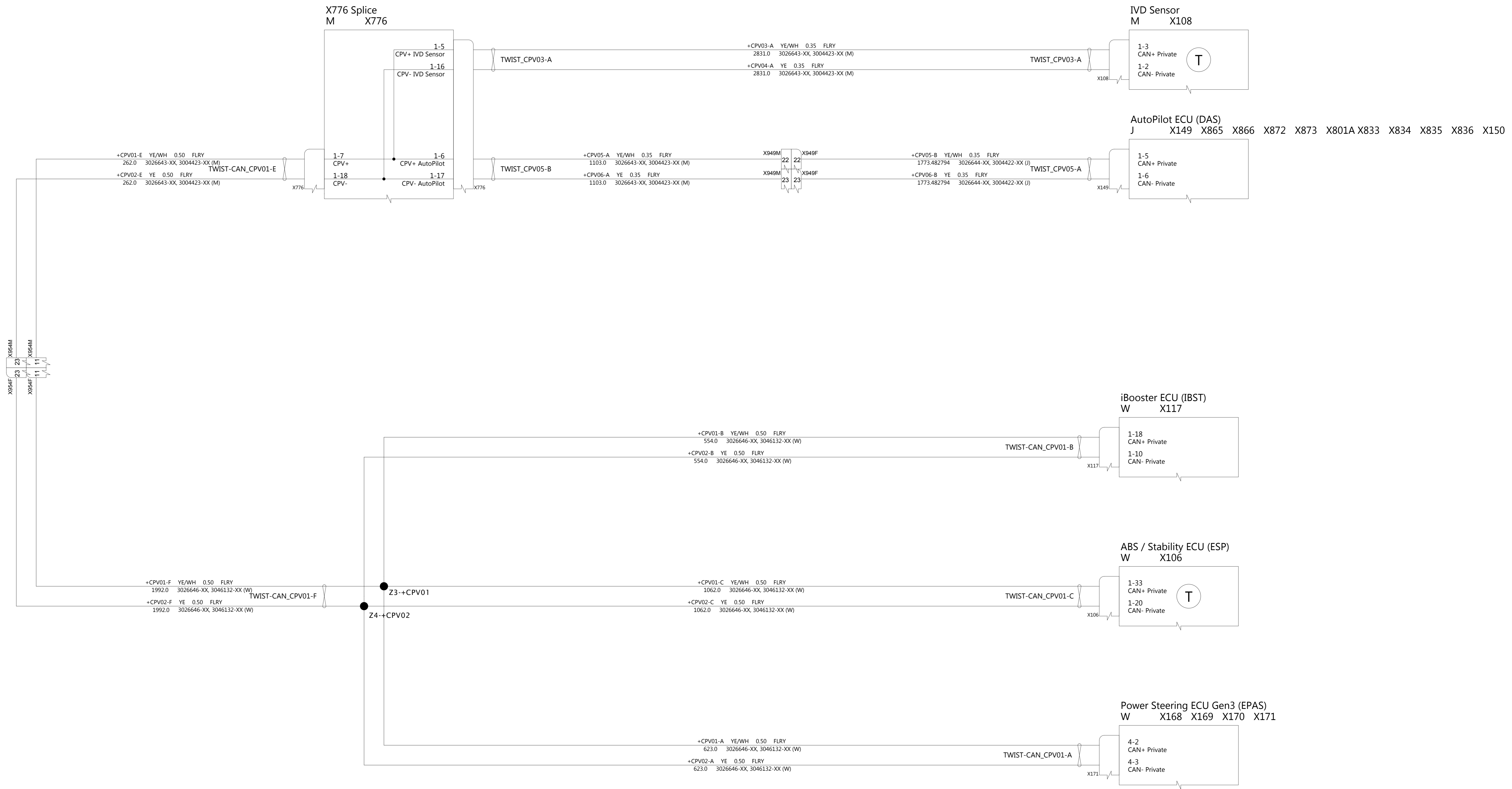
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DRAWN	CHECKED	APPROVED

MATERIAL	FINISHING	SCALE
AS SPECIFIED	AS SPECIFIED	NONE

PART NAME  
**CAN Network - Powertrain**

PART NUMBER	REV	SHEET	SIZE
	2	1 of 1	A0



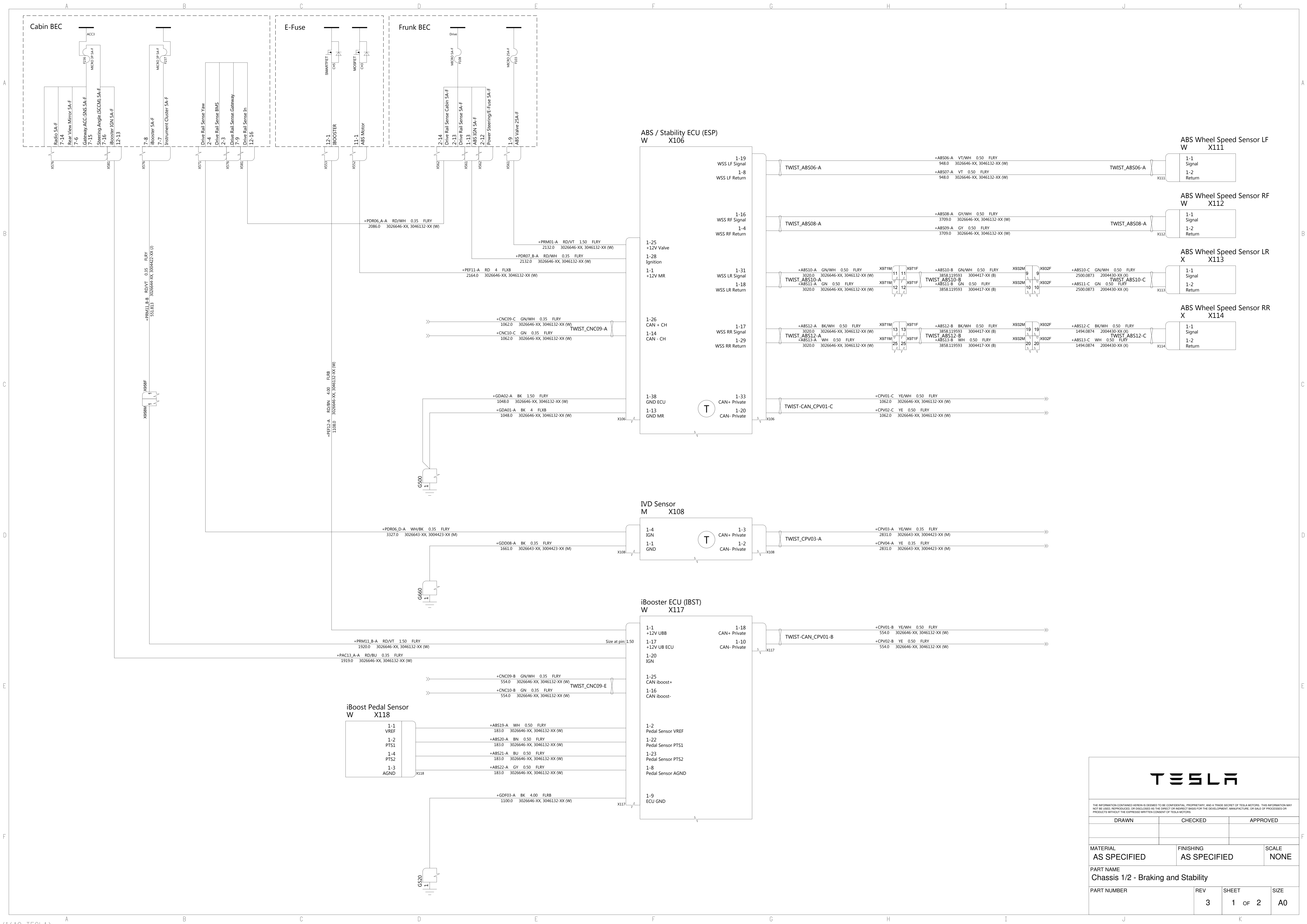
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DRAWN	CHECKED	APPROVED

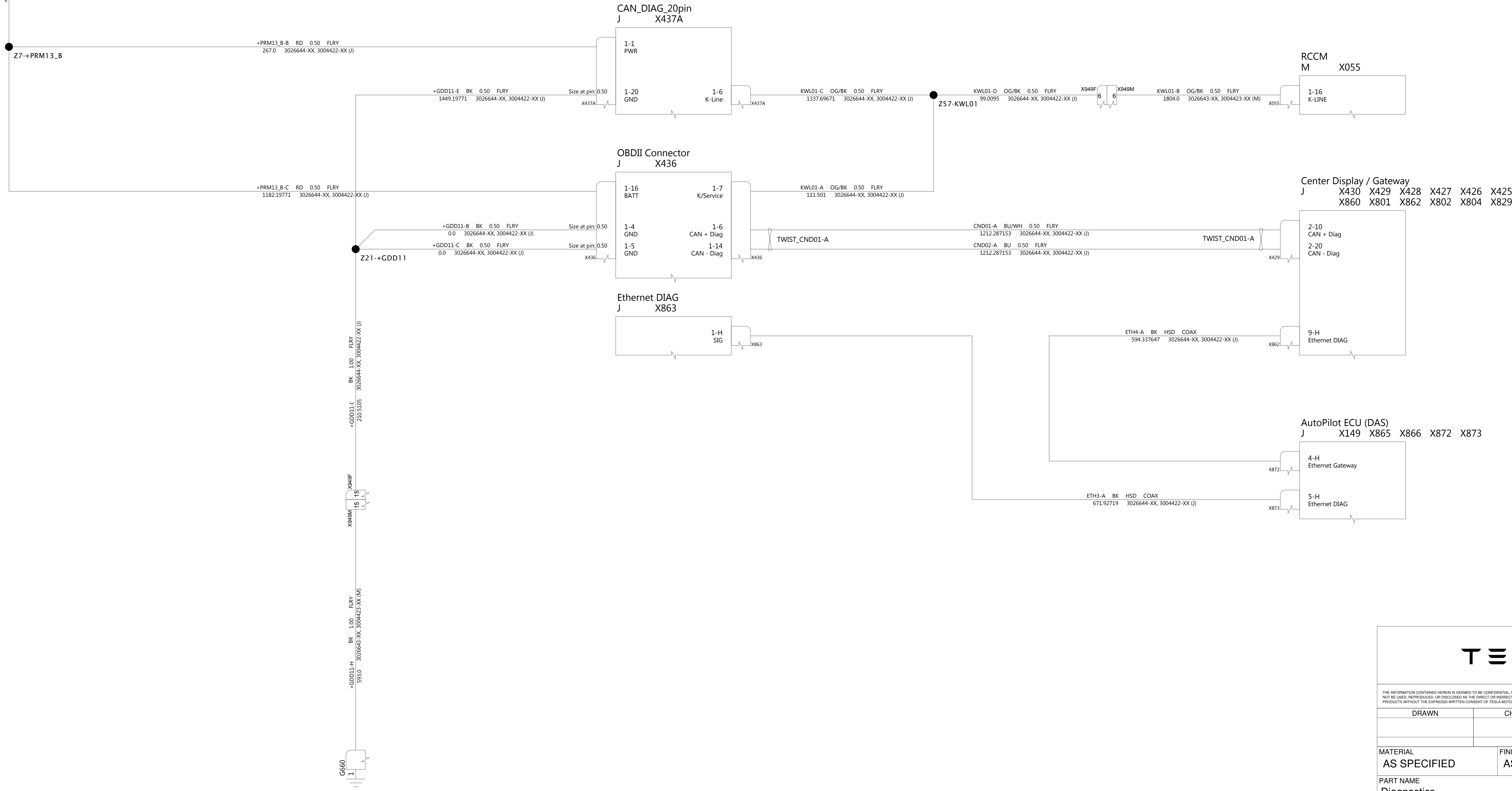
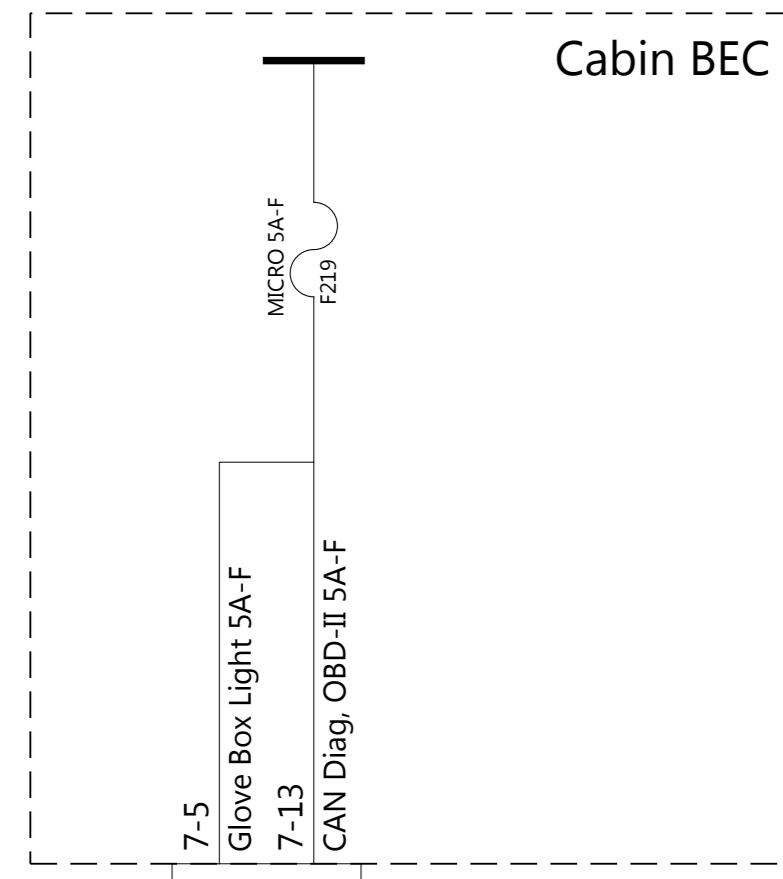
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME CAN Network - Private		
PART NUMBER	REV 3	SHEET 1 of 1
		SIZE A0





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DRAWN	CHECKED	APPROVED	
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE	
PART NAME Chassis 1/2 - Braking and Stability			
PART NUMBER	REV 3	SHEET 1 of 2	SIZE A0





**TESLA**

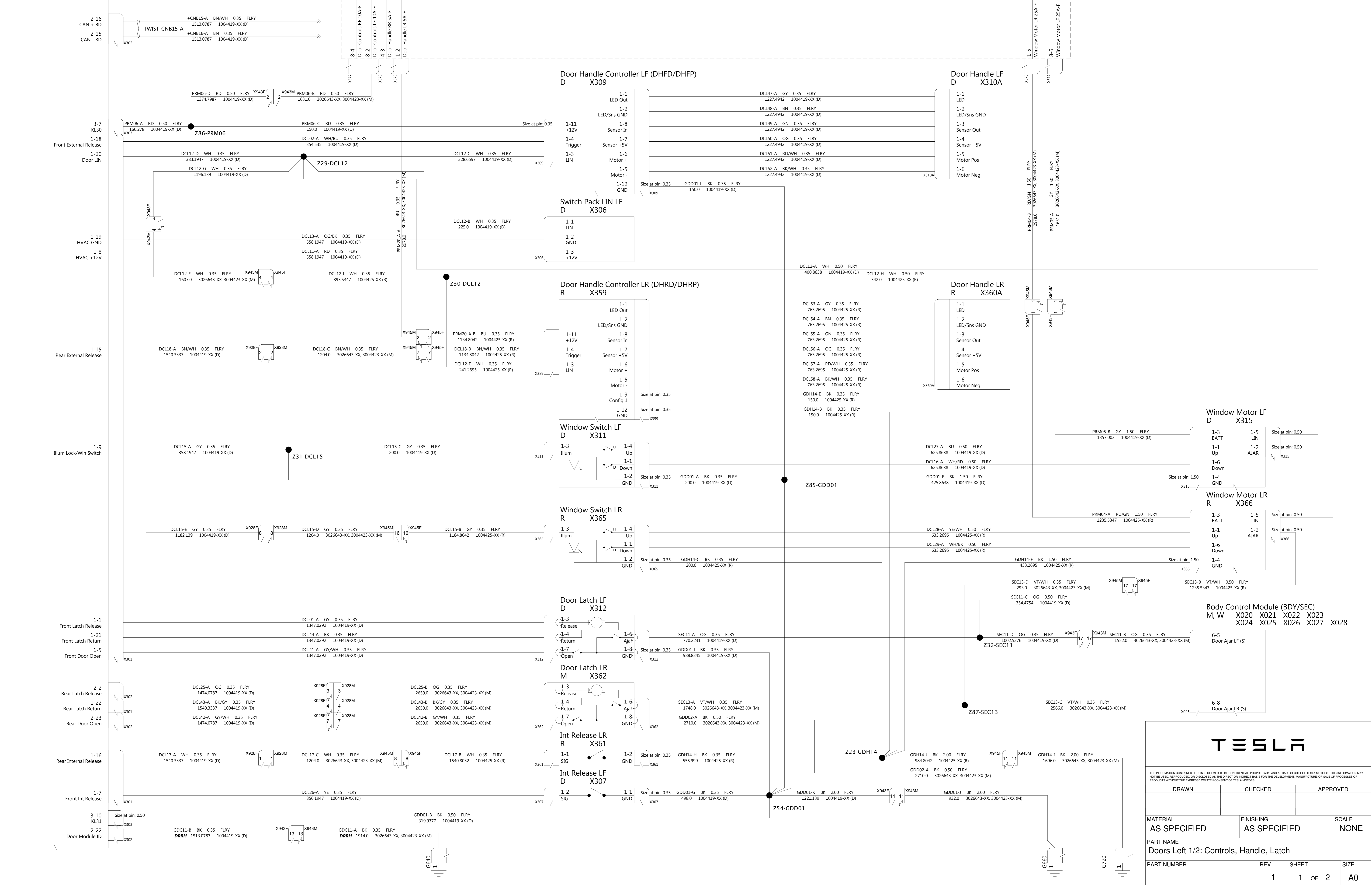
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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME Diagnostics		
PART NUMBER	REV 2	SHEET 1 of 1
		SIZE A0



Door Control Module LF (DDM/PDM)  
D X301 X302 X303

Cabin BEC

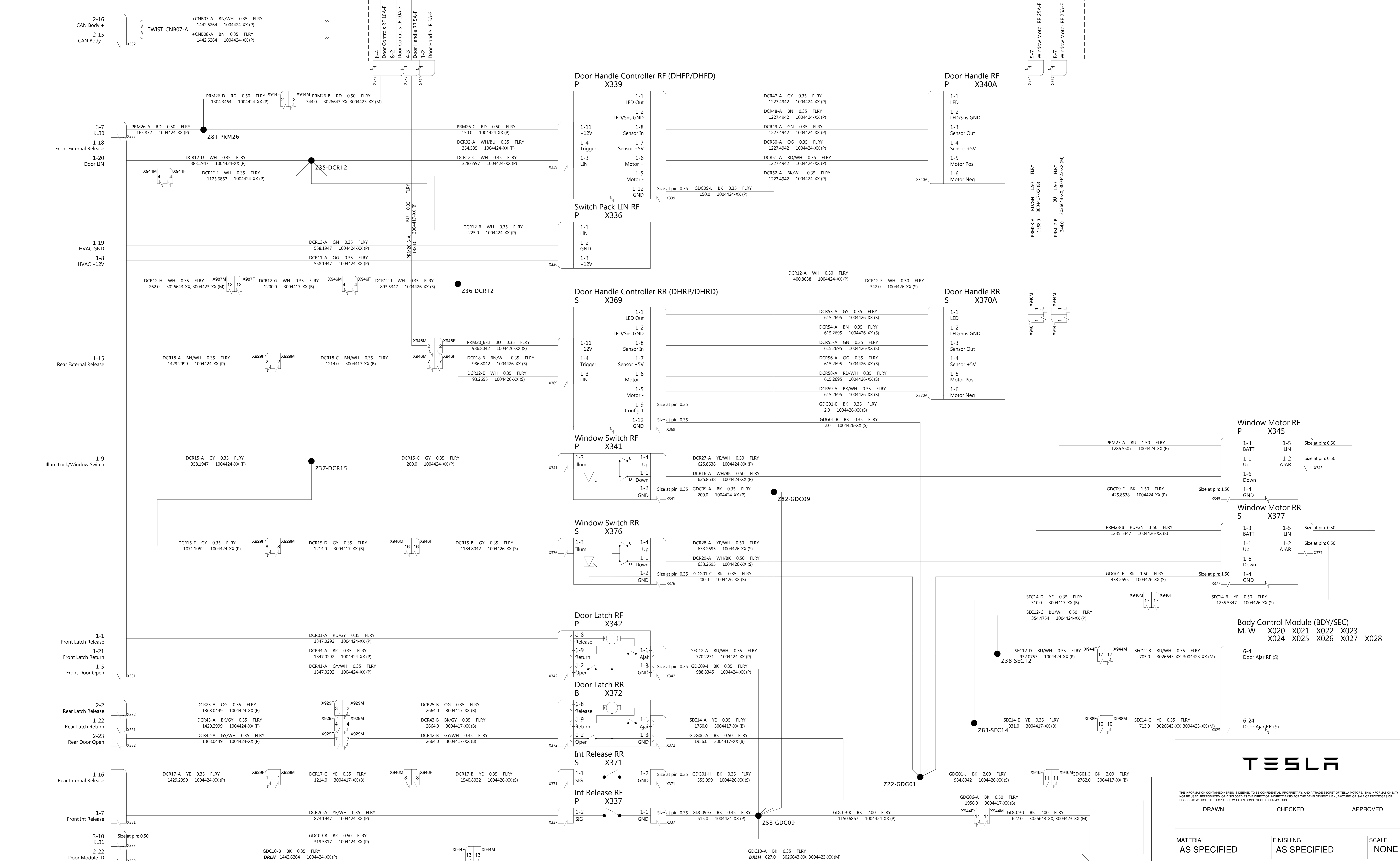


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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME Doors Left 1/2: Controls, Handle, Latch		
PART NUMBER	REV	SHEET
	1	1 of 2
		SIZE A0



Cabin BEC

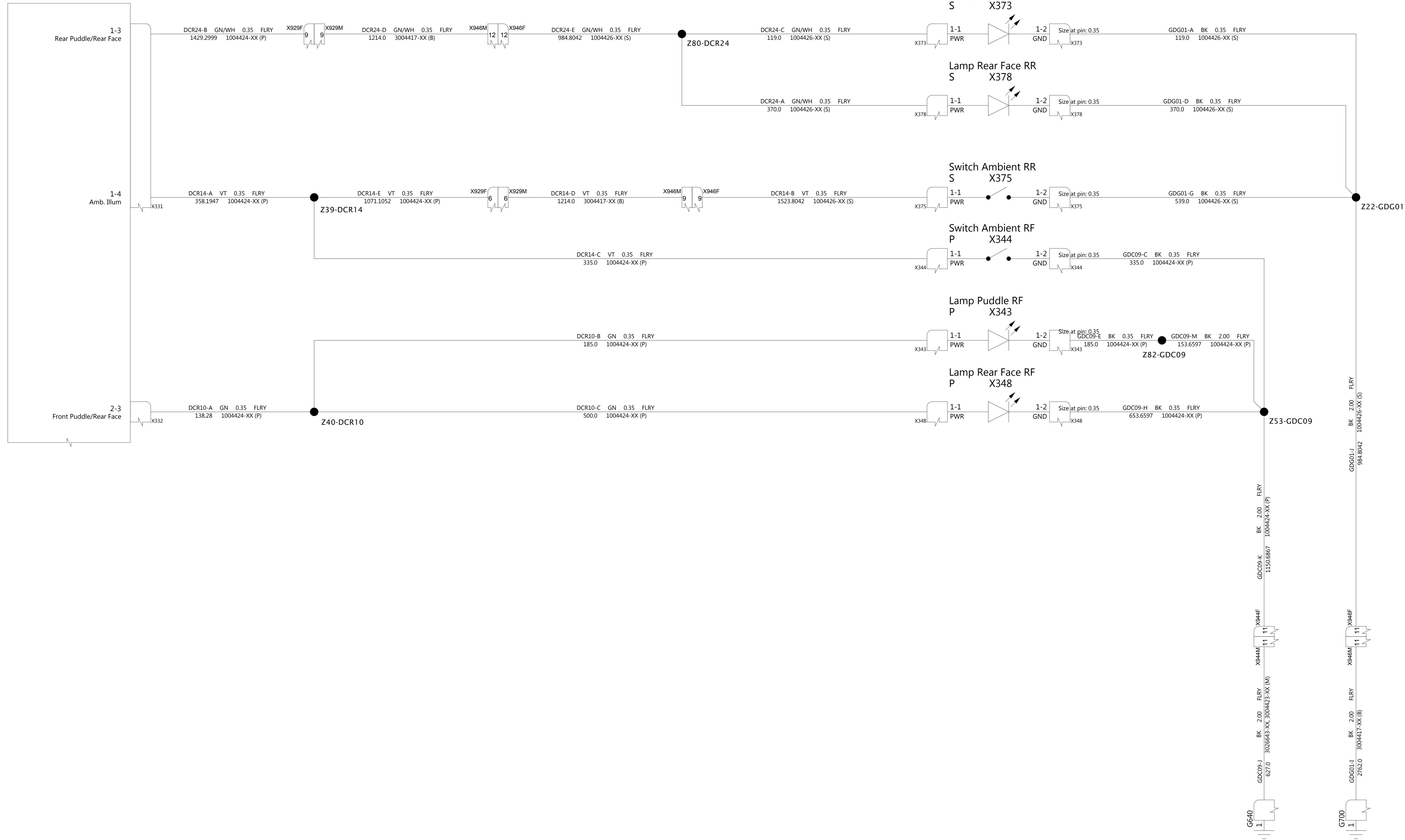
Door Control Module RF (PDM/DDM)  
P  
X331 X332 X333



DRAWN			CHECKED			APPROVED		
MATERIAL AS SPECIFIED			FINISHING AS SPECIFIED			SCALE NONE		
PART NAME Doors Right 1/2: Controls, Handle, Latch								
PART NUMBER			REV 1	SHEET 1	OF 2		SIZE A0	



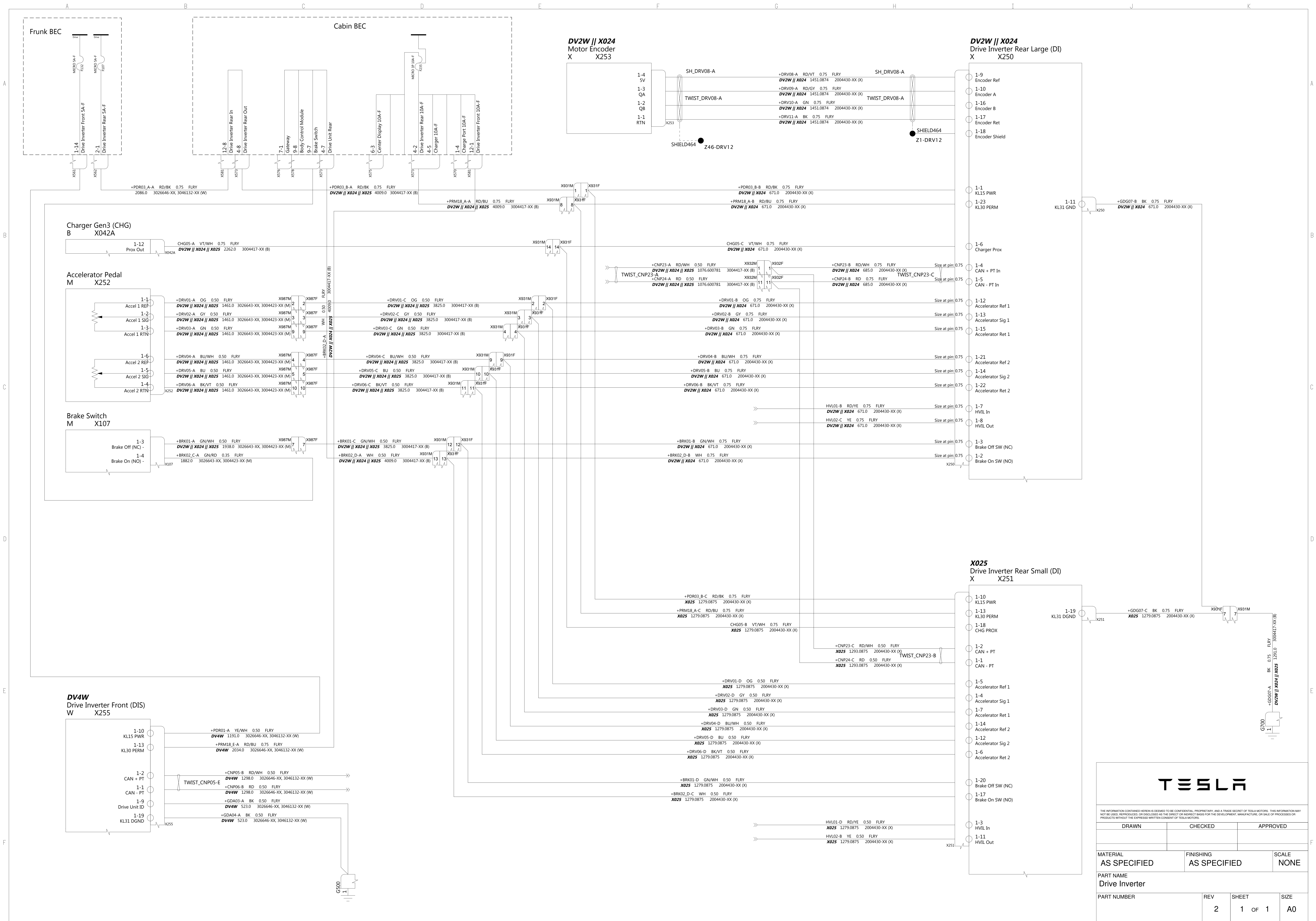
Door Control Module RF (PDM/DDM)  
P X331 X332 X333



**TESLA**

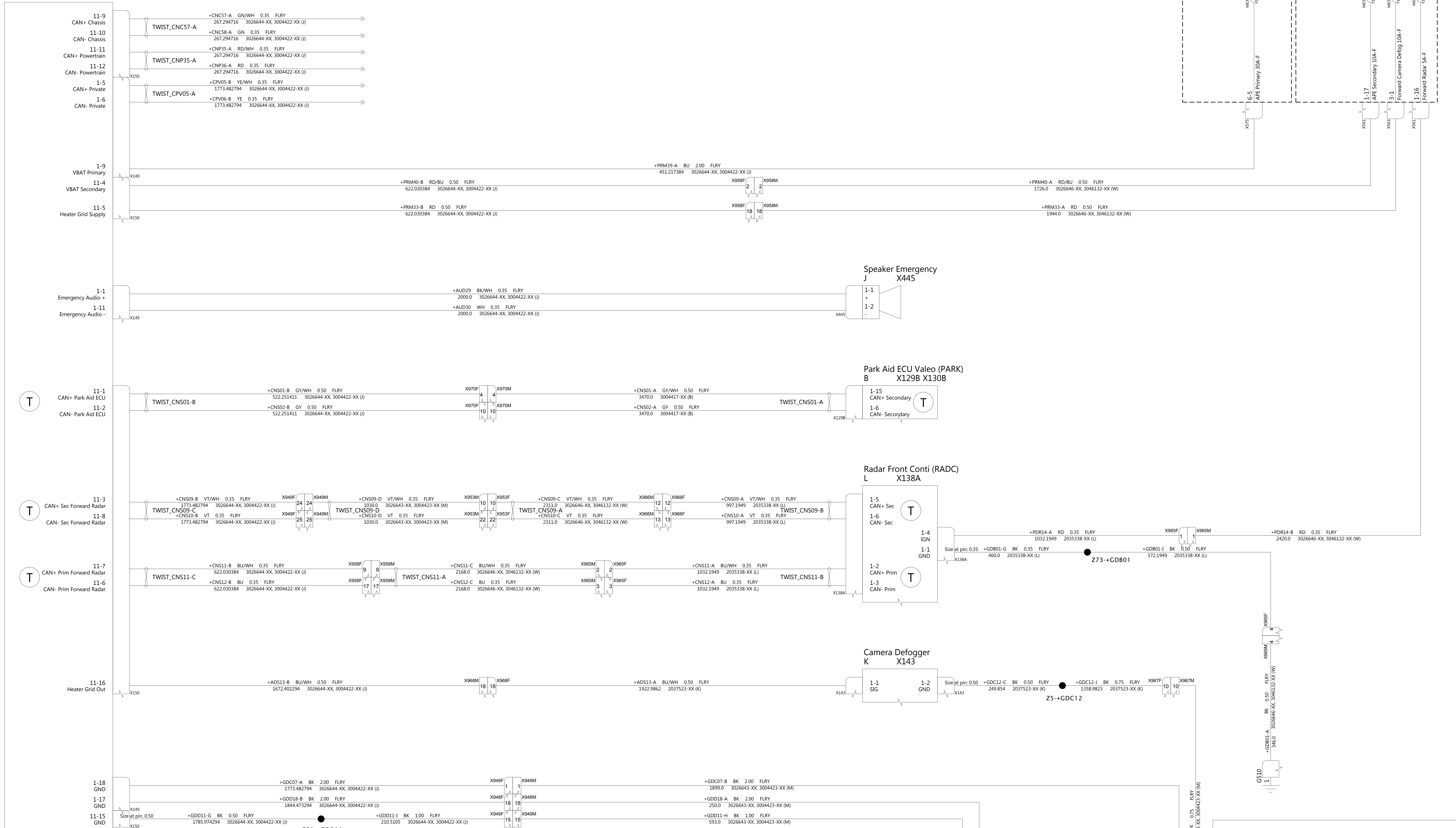
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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME Doors Right 2/2: Light		
PART NUMBER	REV 1	SHEET 2 of 2
		SIZE A0



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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME Drive Inverter		
PART NUMBER	REV 2	SHEET 1 of 1
		SIZE A0

AutoPilot ECU (DAS)  
 J X149 X865 X866 X872 X873 X801A X833 X834 X835 X836 X150 X832 X837



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DRAWN	CHECKED	APPROVED

MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
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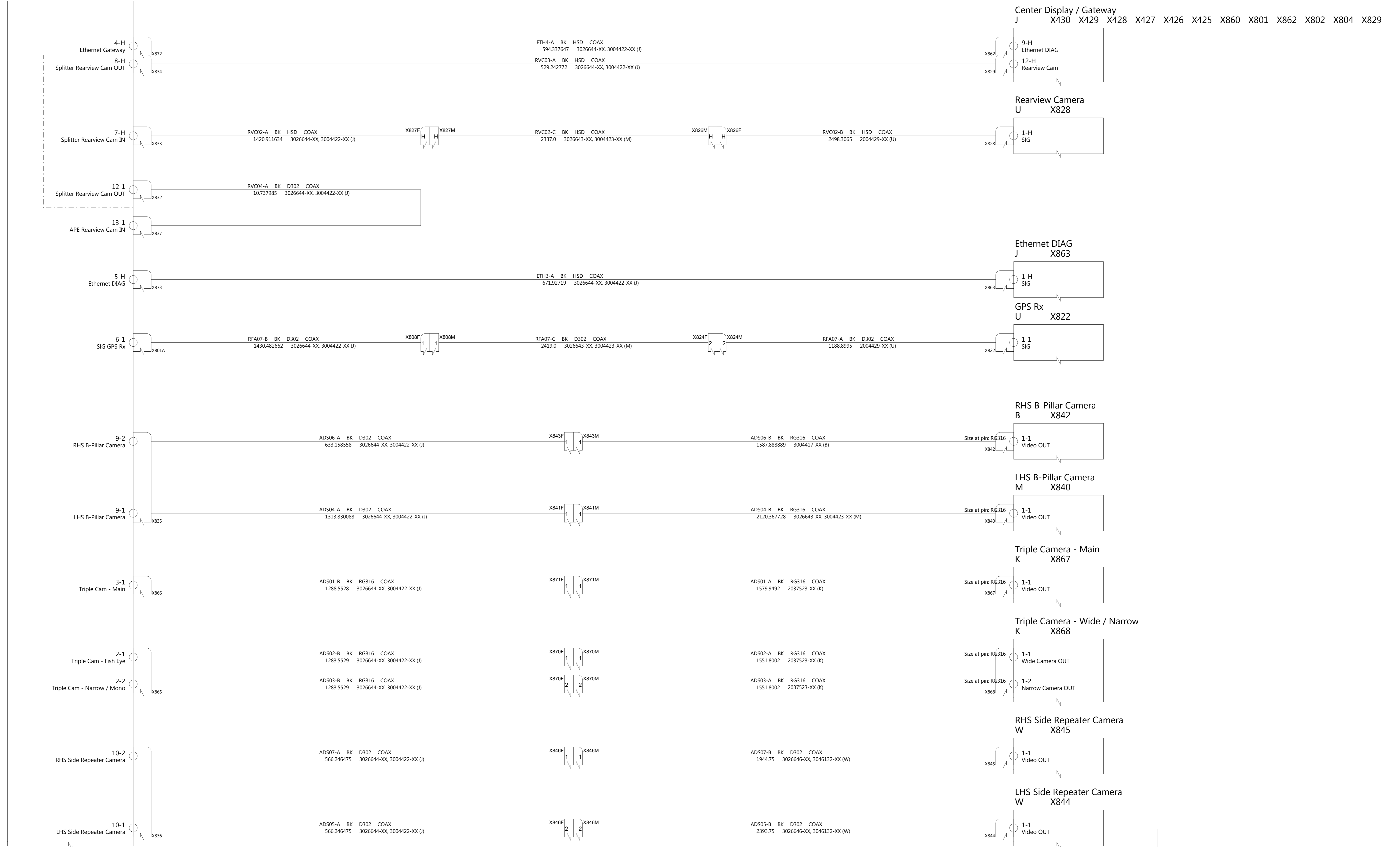
PART NAME  
Driver Assist 1/2: AutoPilot, Radar

PART NUMBER	REV	SHEET	SIZE
	5	1 of 2	A0



AutoPilot ECU (DAS)

J X149 X865 X866 X872 X873 X801A X833 X834 X835 X836 X150 X832 X837



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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME Driver Assist 2/2: Cameras		
PART NUMBER	REV 5	SHEET 2 OF 2
		SIZE A0

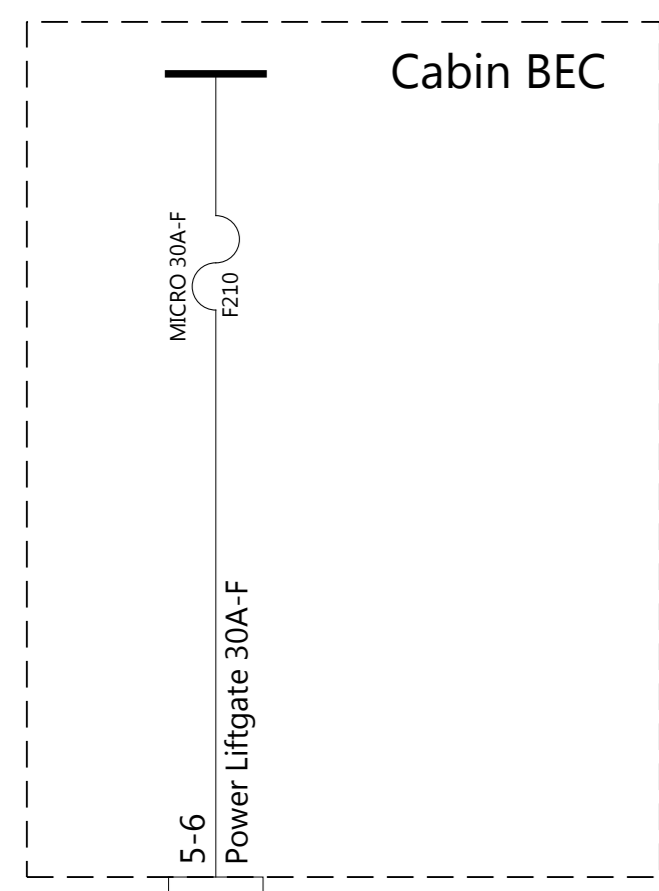




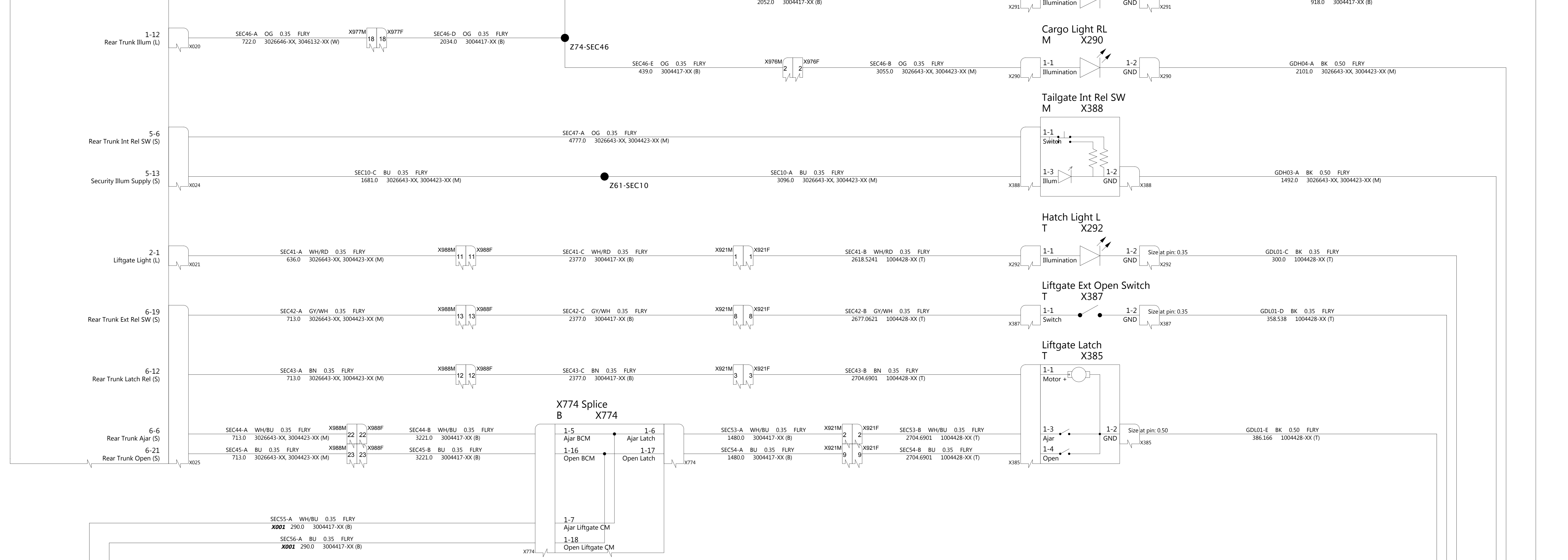




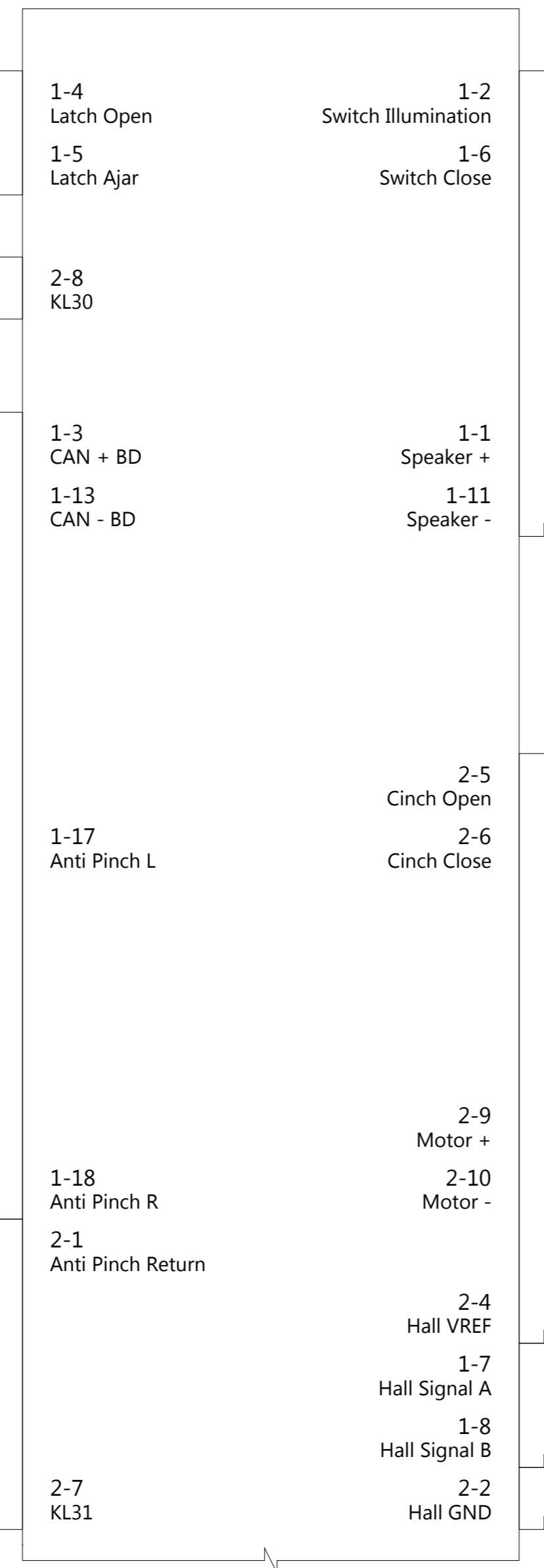




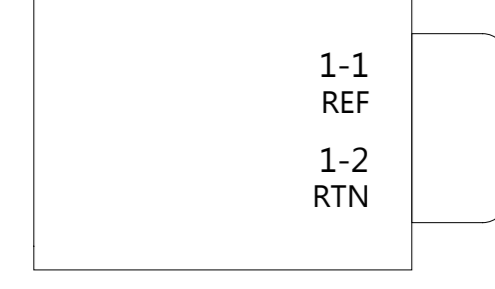
Body Control Module (BDY/SEC)  
M, W X020 X021 X022 X023 X024 X025 X026 X027 X028



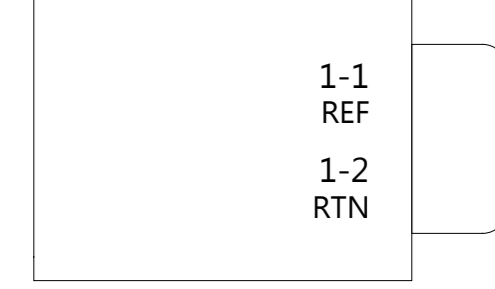
**X001**  
Power Liftgate Control Module (LFT)  
B X393 X397



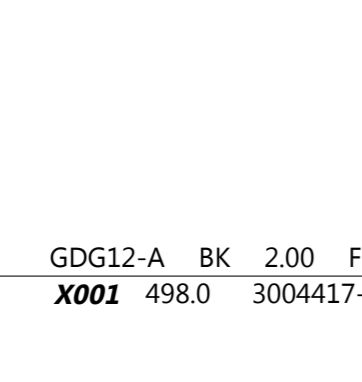
**X001**  
Liftgate Anti Pinch L  
T X389



**X001**  
Liftgate Anti Pinch R  
T X390

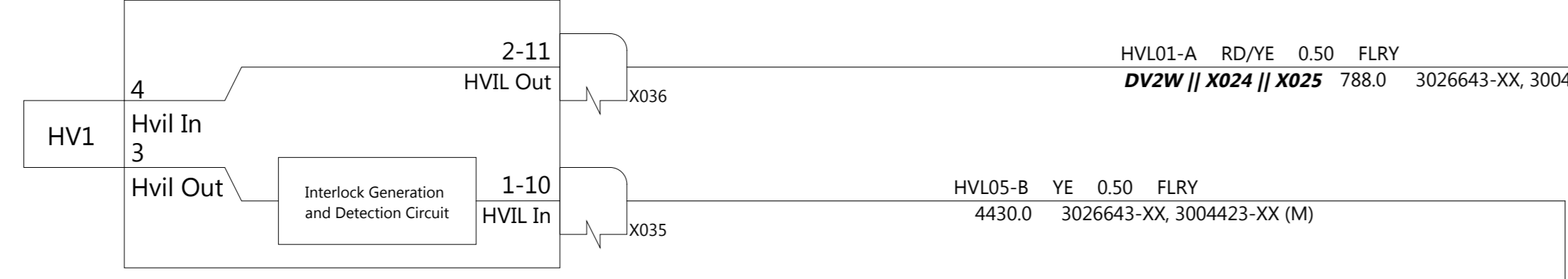


**Z62-PLG18**

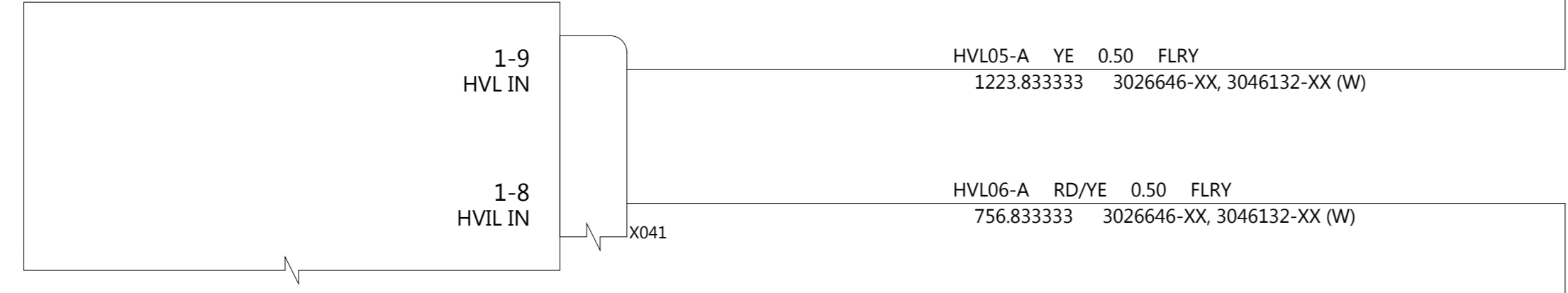


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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME Hatch Rear Actuators/Sensors		
PART NUMBER	REV 1	SHEET 1 of 1
		SIZE A0

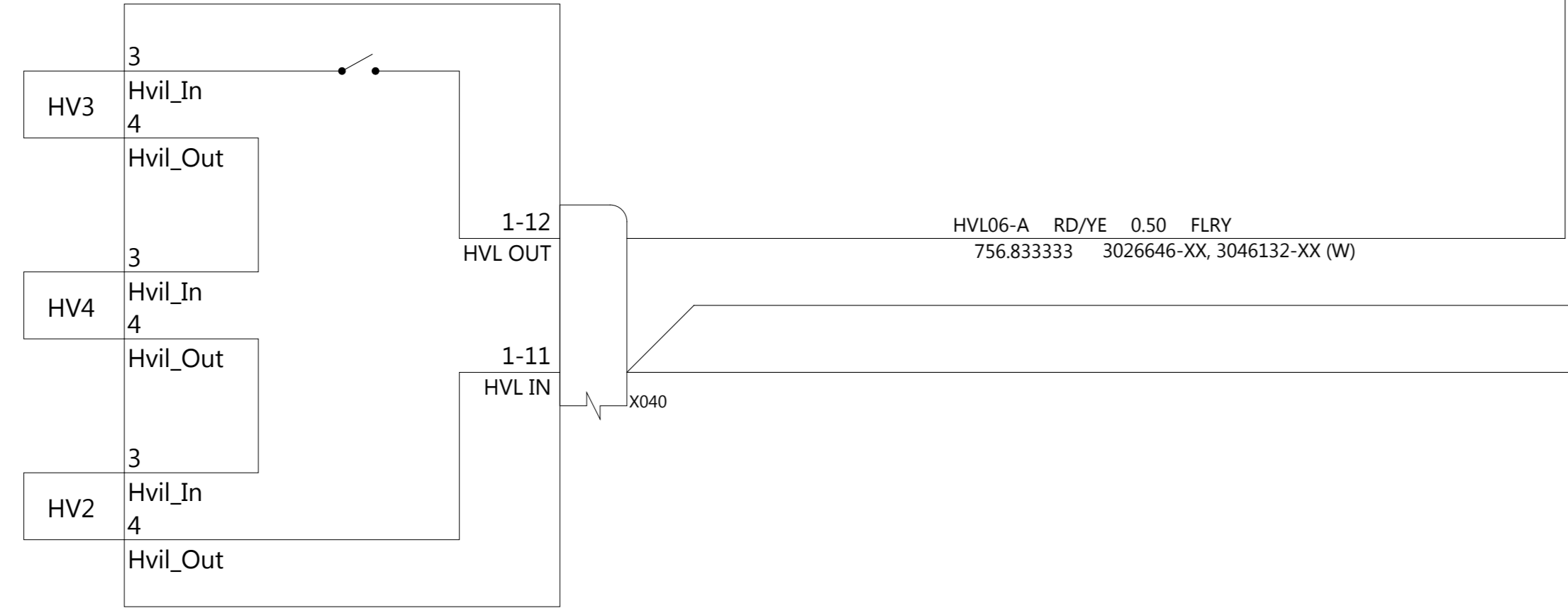
HV Battery (BMS)  
M X035



DC-DC GEN2  
W X041 X501 X504



HVJB with DC-DC  
W X040



HVL01-A RD/YE 0.50 FLYR  
DV2W || X024 || X025 788.0 3026643-XX, 3004423-XX (M)

HVL05-B YE 0.50 FLYR  
4430.0 3026643-XX, 3004423-XX (M)

HVL05-A YE 0.50 FLYR  
1223.833333 3026646-XX, 3046132-XX (W)

HVL06-A RD/YE 0.50 FLYR  
756.833333 3026646-XX, 3046132-XX (W)

HVL06-A RD/YE 0.50 FLYR  
756.833333 3026646-XX, 3046132-XX (W)

HVL04\_2W-A YE/WH 0.50 FLYR  
DV2W 1217.0 3026646-XX, 3046132-XX (W)

HVL07-A YE 0.50 FLYR  
DV4W 1673.0 3026646-XX, 3046132-XX (W)

HVL01-C RD/YE 0.50 FLYR  
DV2W || X024 || X025 2246.0 3004417-XX (B)

HVL01-B RD/YE 0.75 FLYR  
DV2W || X024 671.0 2004430-XX (X)

HVL02-C YE 0.75 FLYR  
DV2W || X024 671.0 2004430-XX (X)

HVL01-D RD/YE 0.50 FLYR  
X025 1279.0875 2004430-XX (X)

HVL02-B YE 0.50 FLYR  
X025 1279.0875 2004430-XX (X)

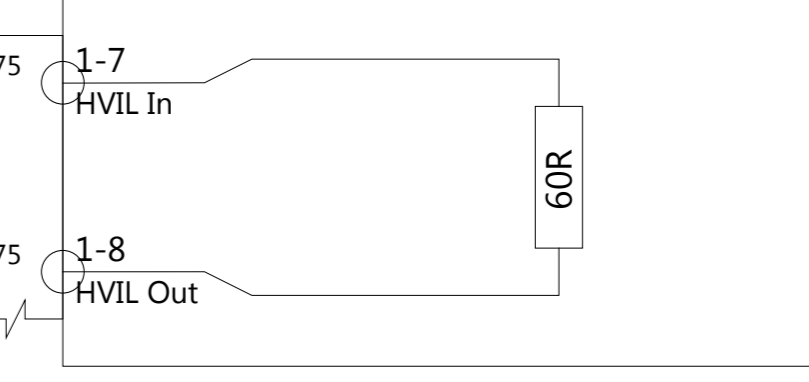
HVL02-A YE 0.50 FLYR  
DV2W || X024 || X025 2262.0 3004417-XX (B)

HVL04\_4W-A YE/WH 0.50 FLYR  
DV4W 544.0 3004417-XX (B)

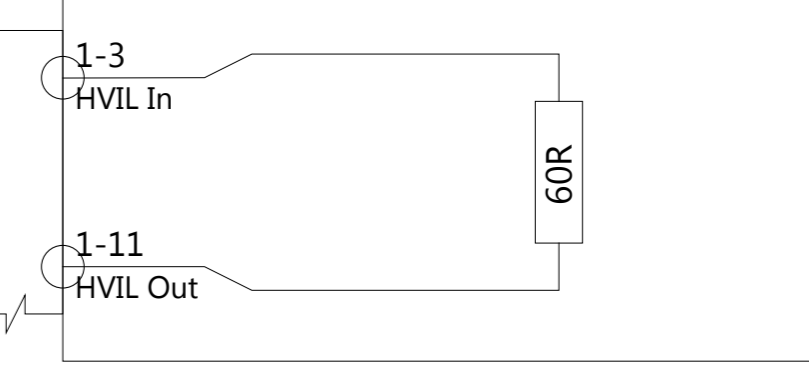
HVL04\_2W-B YE/WH 0.50 FLYR  
DV2W 544.0 3004417-XX (B)

HVL04\_4W-B YE/WH 0.50 FLYR  
DV4W 2140.0 3026646-XX, 3046132-XX (W)

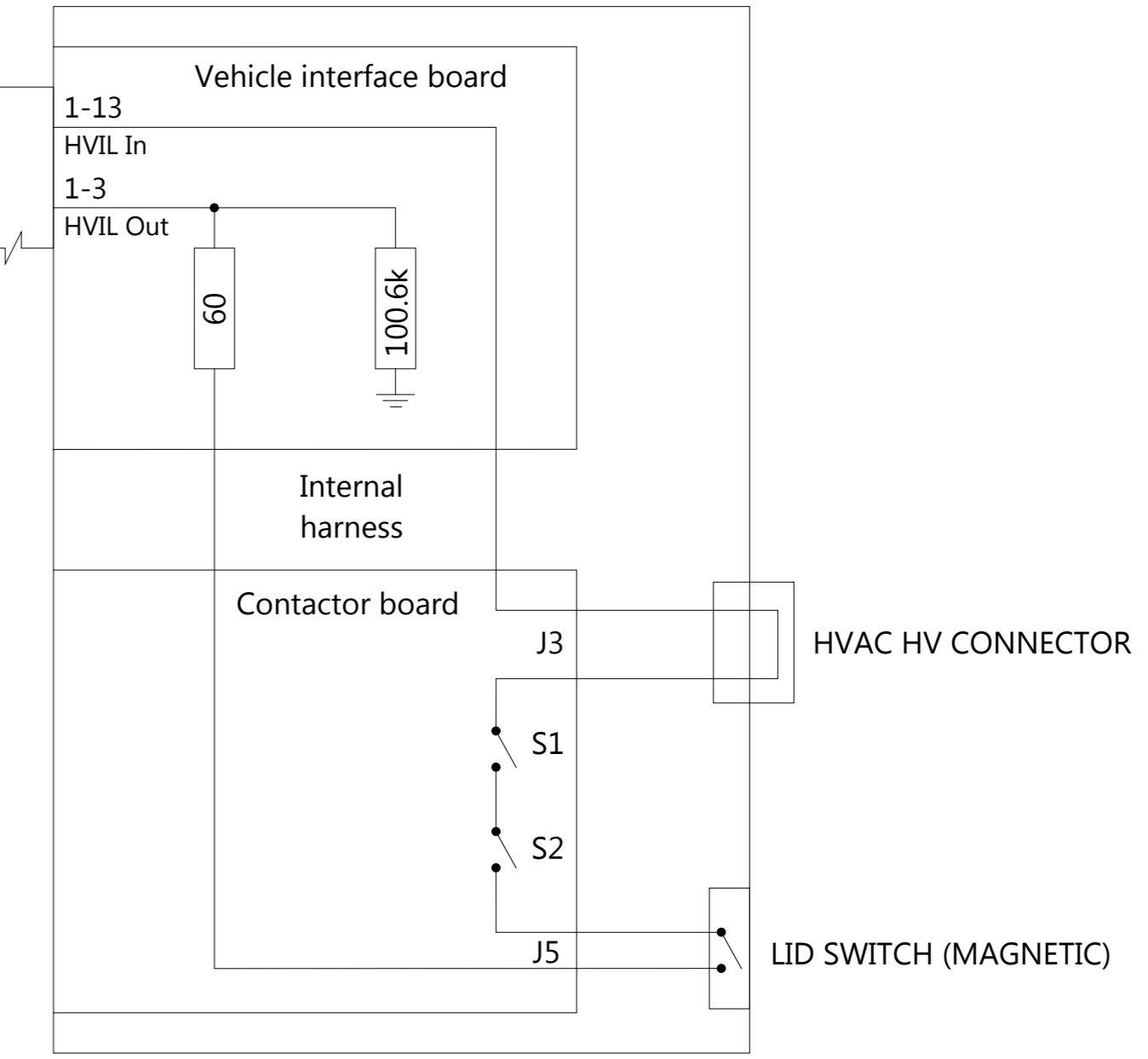
DV2W || X024  
Drive Inverter Rear Large (DI)  
X X250



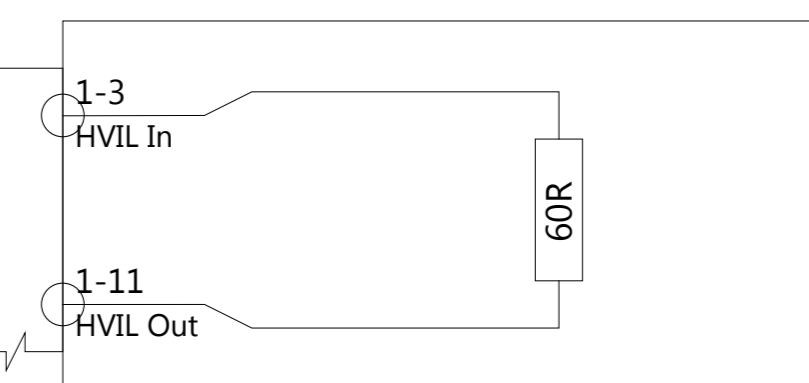
X025  
Drive Inverter Rear Small (DI)  
X X251



Charger Gen3 (CHG)  
B X042A



DV4W  
Drive Inverter Front (DIS)  
W X255



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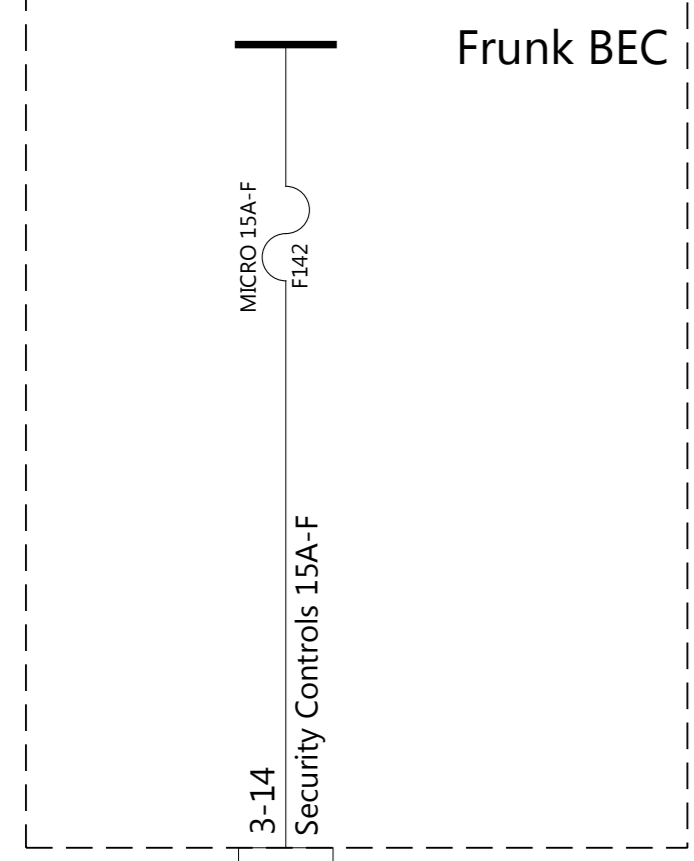
DRAWN	CHECKED	APPROVED
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MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
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PART NAME  
High Voltage Interlock (HVIL)

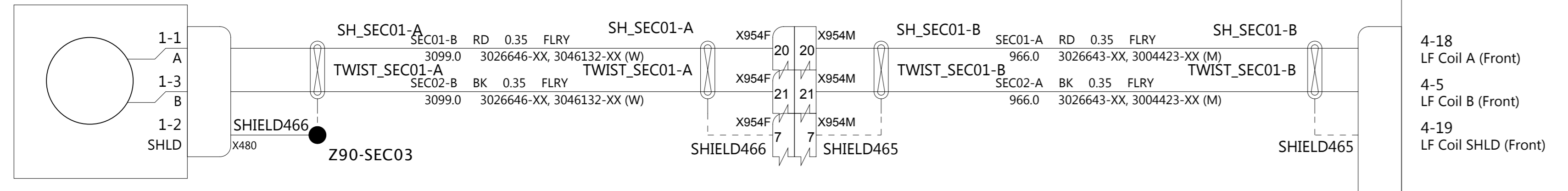
PART NUMBER	REV 1	SHEET 1 of 1	SIZE A0
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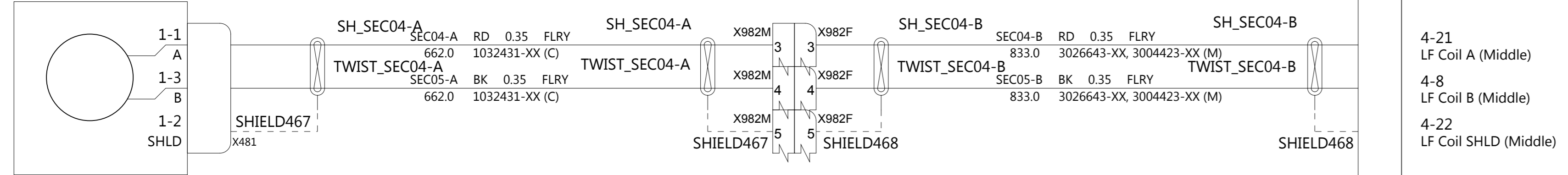


**Body Control Module (BDY/SEC)**  
M, W X020 X021 X022 X023 X024 X025 X026 X027 X028

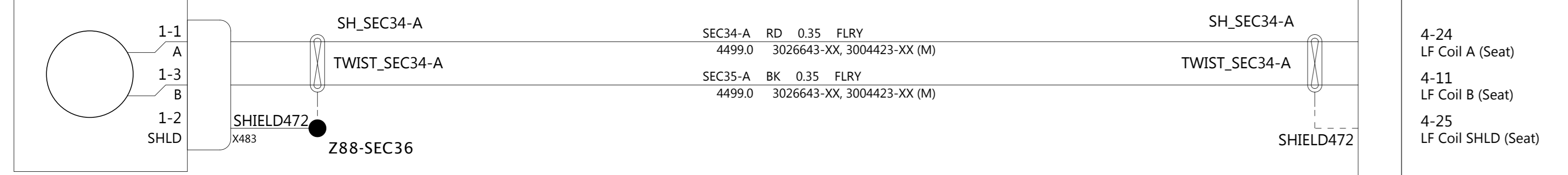
**LF Coil Front**  
W X480



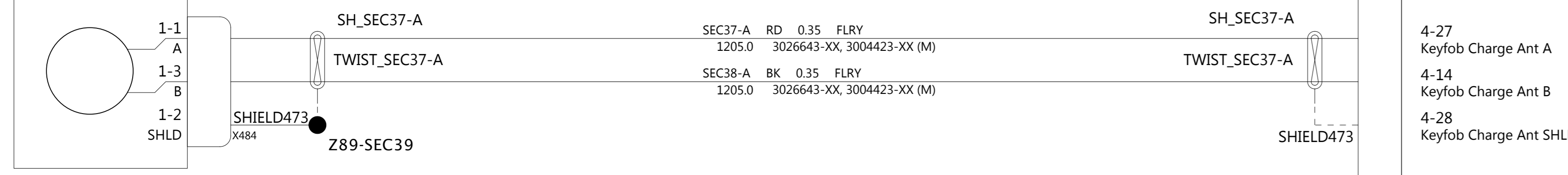
**LF Coil Middle**  
C X481



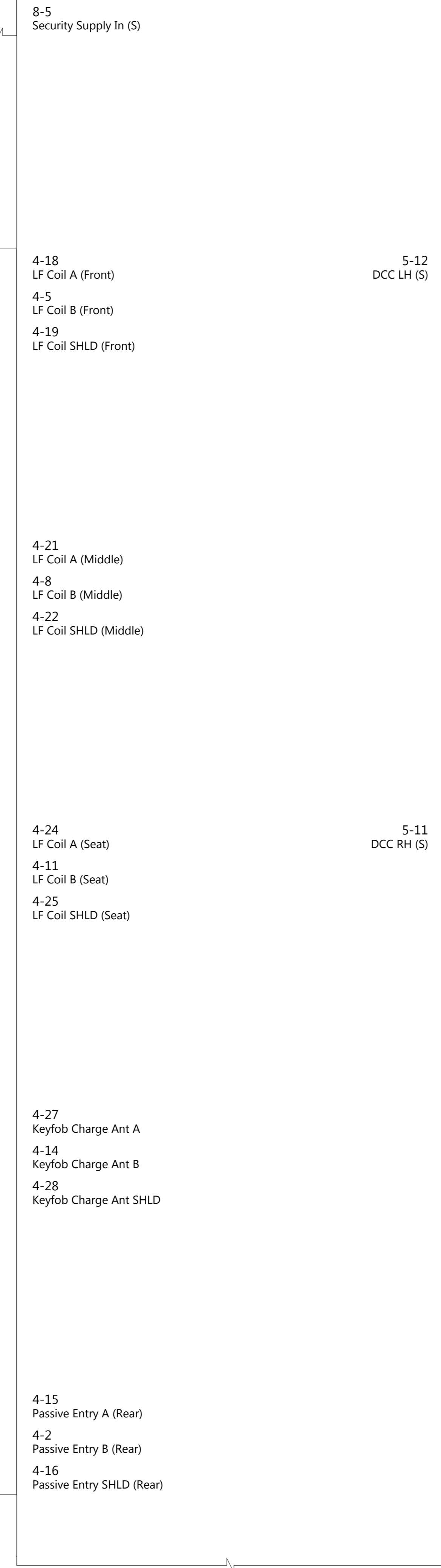
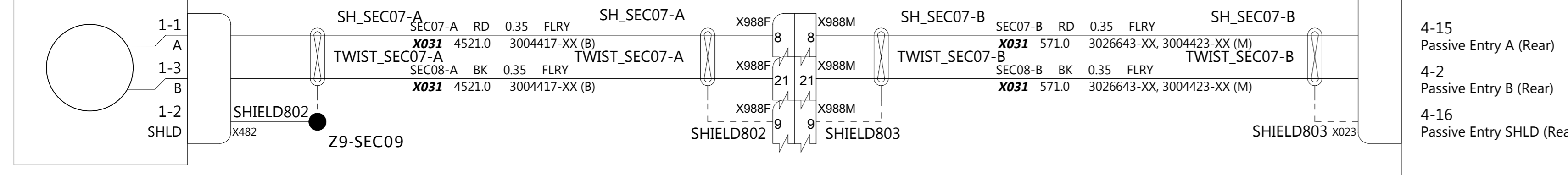
**LF Coil Seat**  
M X483



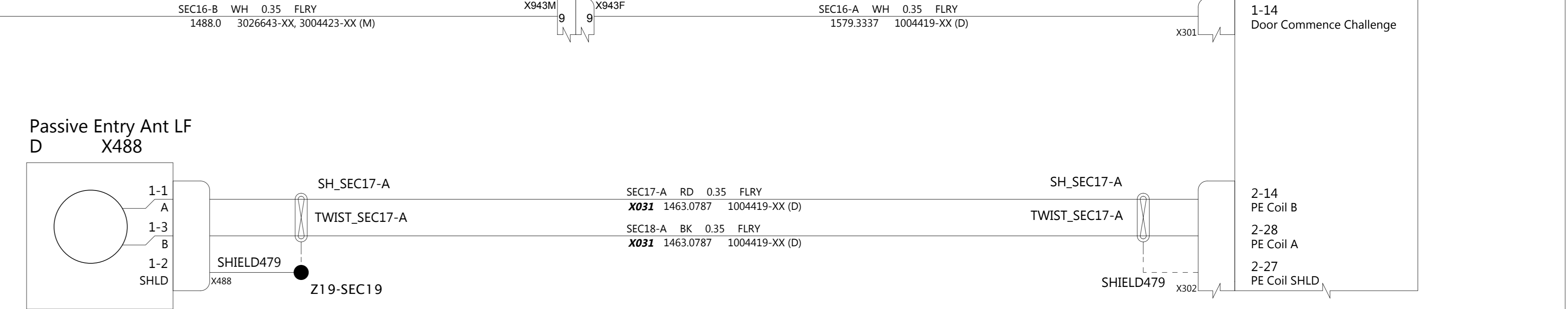
**Keyfob Charge Ant**  
M X484



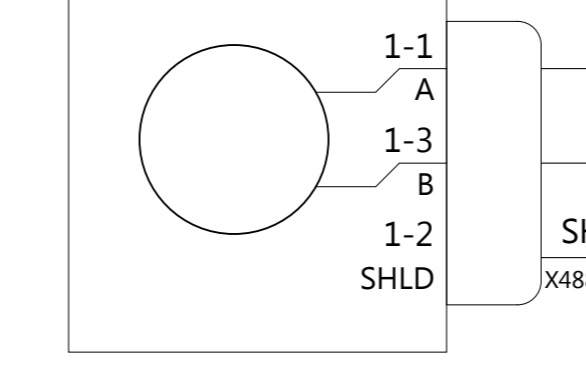
**Passive Entry Ant Rear**  
B X482



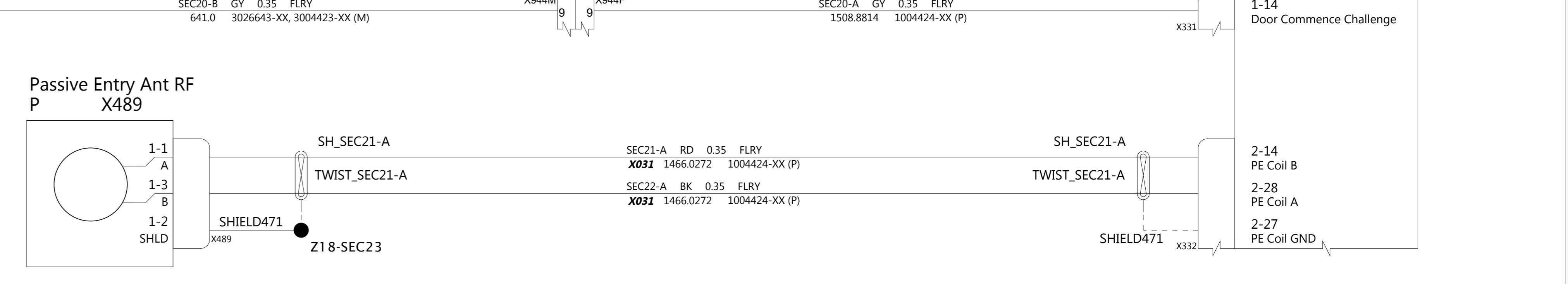
**Door Control Module LF (DDM/PDM)**  
D X301 X302 X303



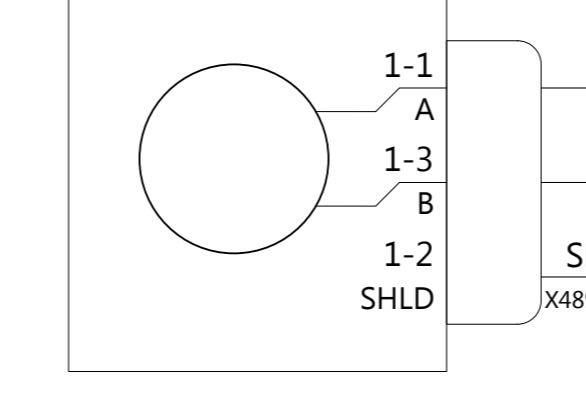
**Passive Entry Ant LF**  
D X488



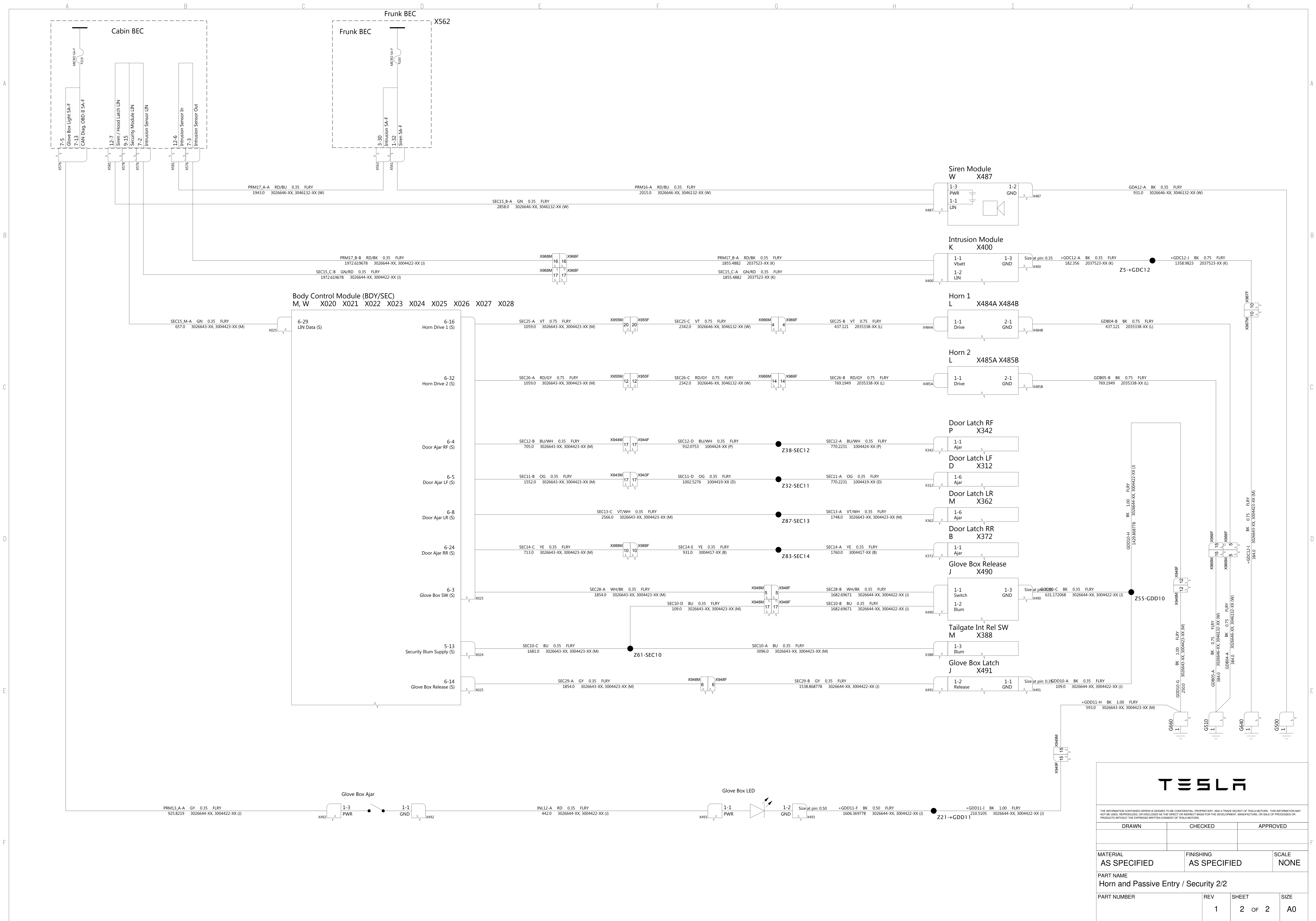
**Door Control Module RF (PDM/DDM)**  
P X331 X332 X333



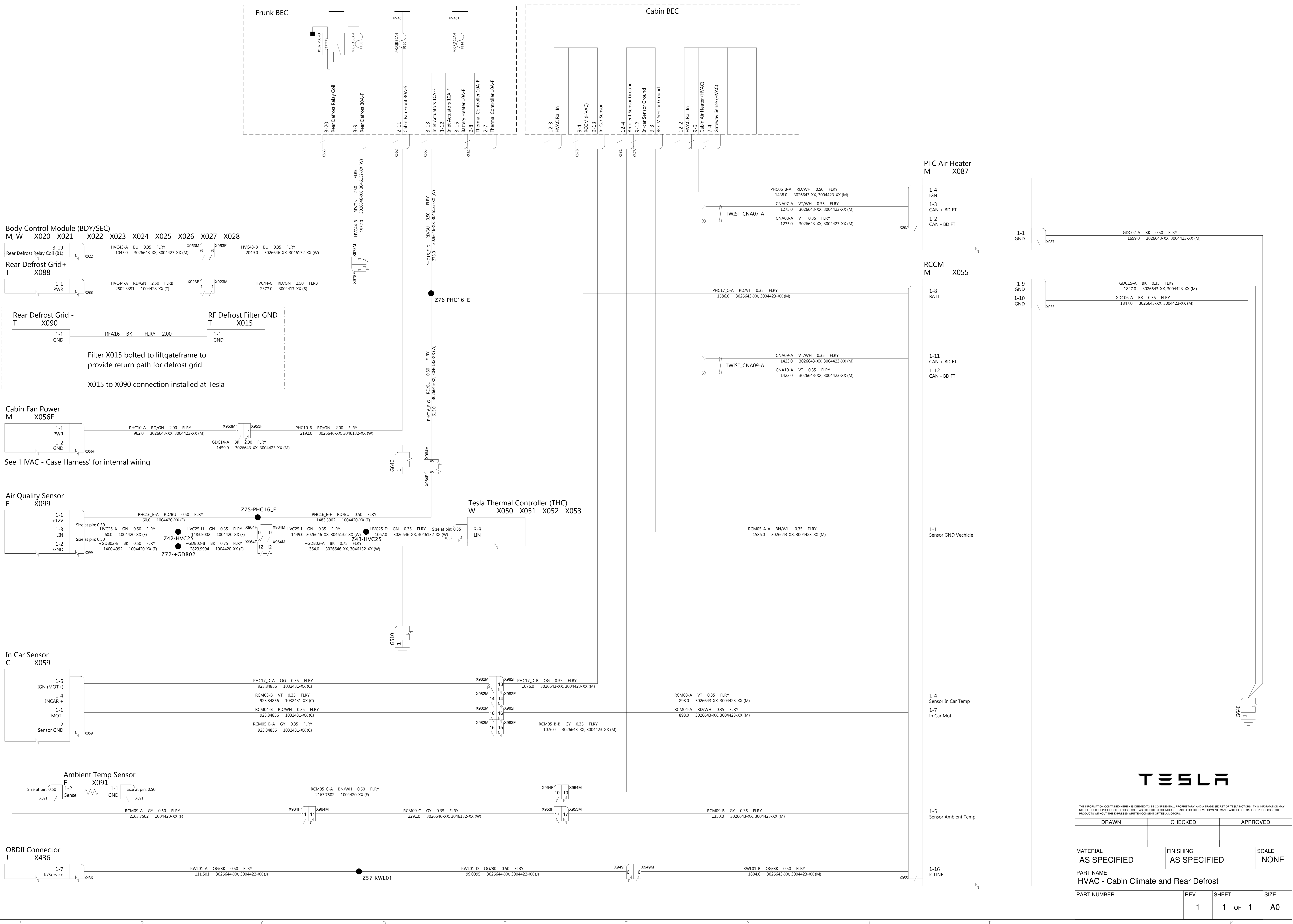
**Passive Entry Ant RF**  
P X489



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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME Horn and Passive Entry / Security 1/2		
PART NUMBER	REV 1	SHEET 1 of 2
		SIZE A0



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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME Horn and Passive Entry / Security 2/2		
PART NUMBER	REV 1	SHEET 2 of 2
		SIZE A0



**Body Control Module (BDY/SEC)**  
M, W X020 X021 X022 X023 X024 X025 X026 X027 X028

**Rear Defrost Grid+T**  
X088

**Rear Defrost Grid -T**  
X090

**RF Defrost Filter GND**  
X015

Filter X015 bolted to liftgateframe to provide return path for defrost grid

X015 to X090 connection installed at Tesla

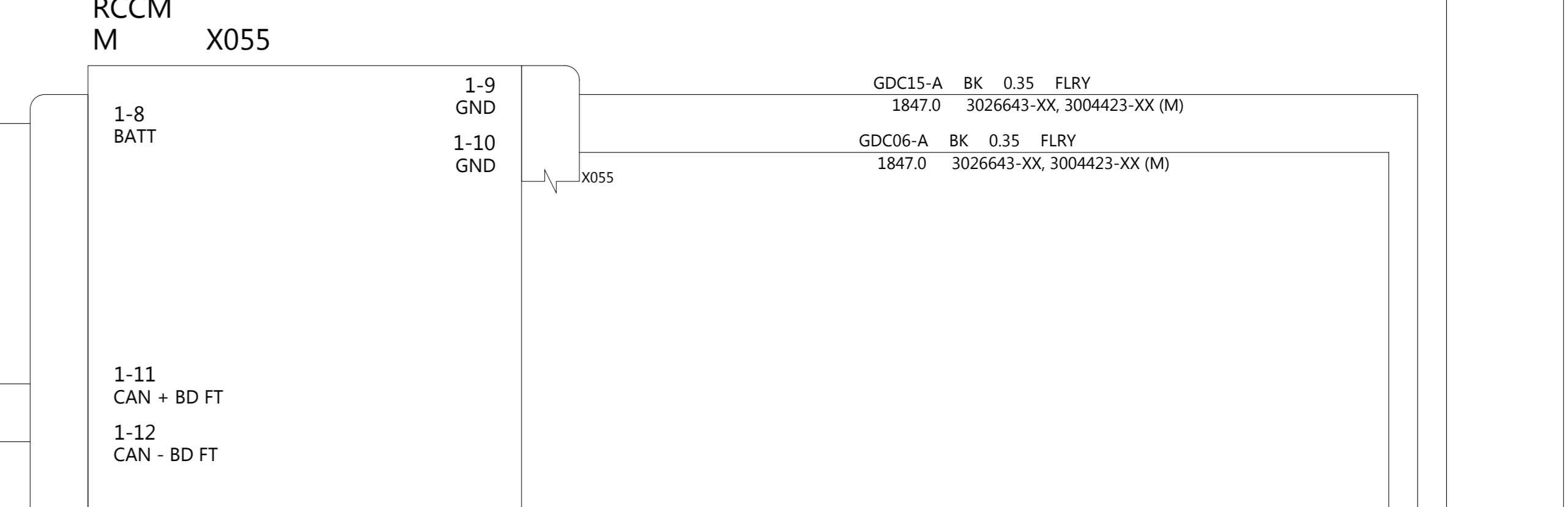
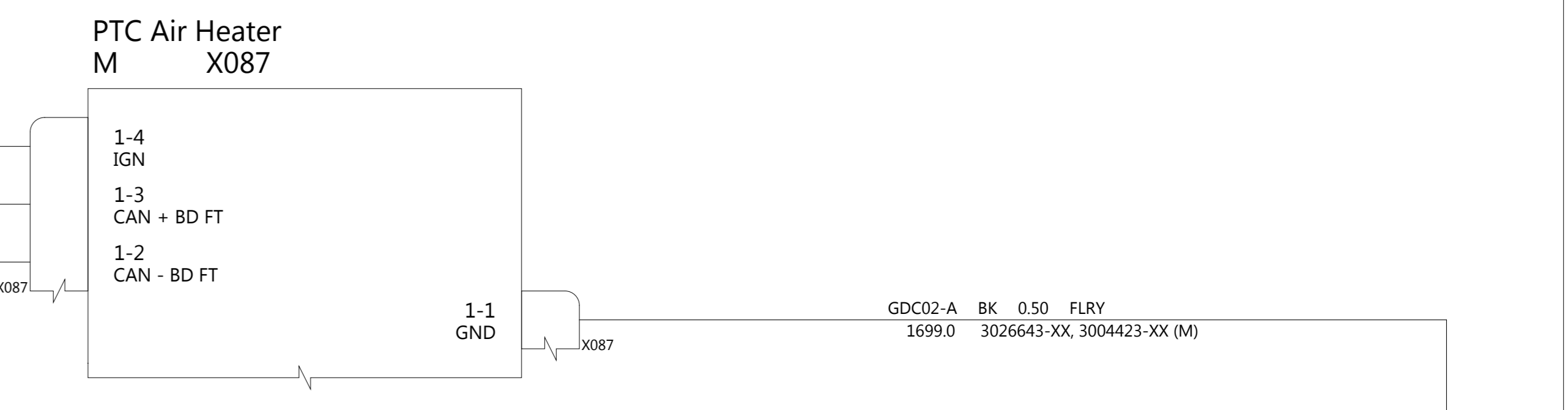
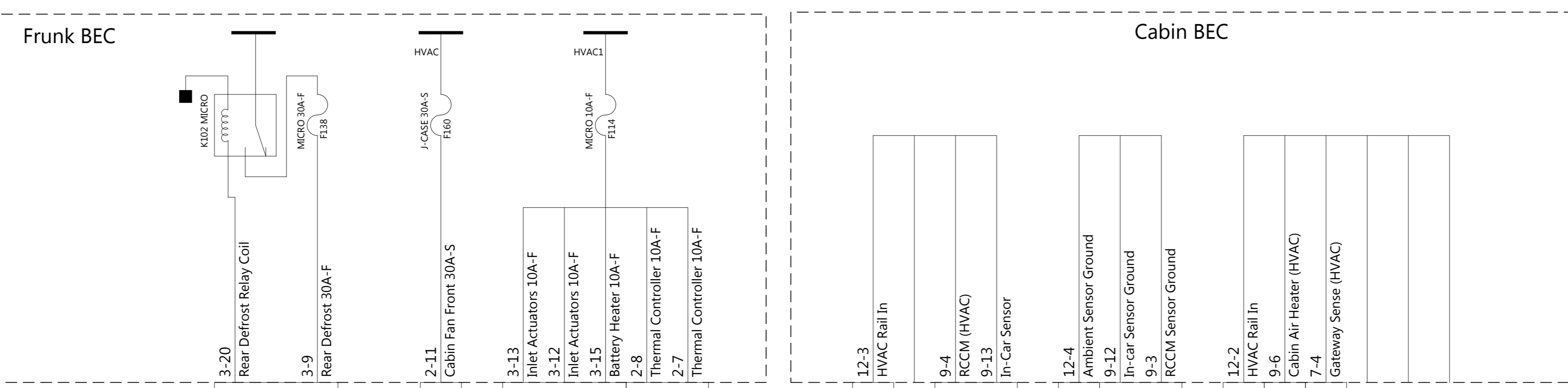
**Cabin Fan Power**  
M X056F

**Air Quality Sensor**  
F X099

**In Car Sensor**  
C X059

**Ambient Temp Sensor**  
F X091

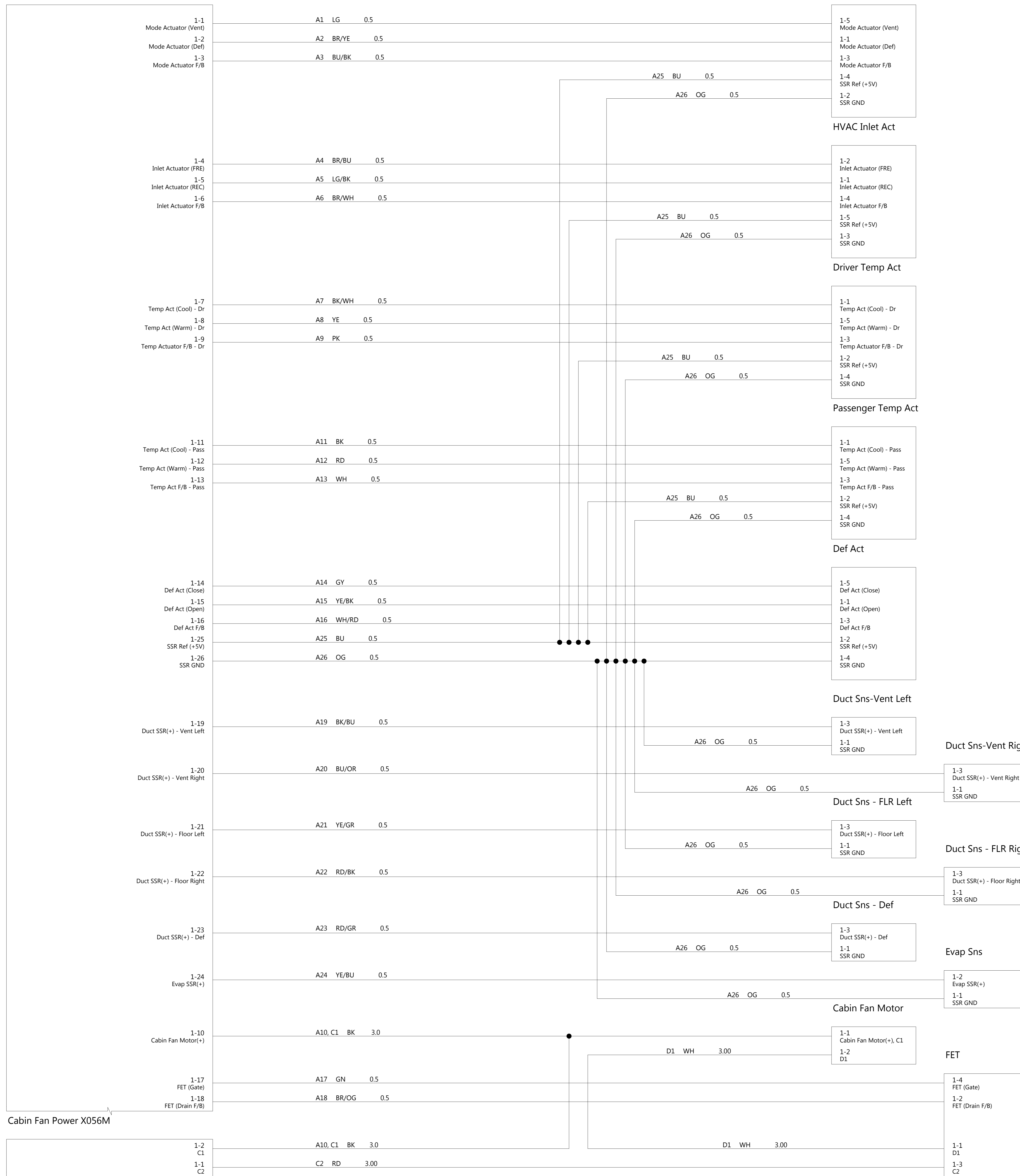
**OBDII Connector**  
J X436



**Tesla Thermal Controller (THC)**  
W X050 X051 X052 X053

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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME HVAC - Cabin Climate and Rear Defrost		
PART NUMBER	REV 1	SHEET 1 of 1
		SIZE A0

HVAC Case Internal Wiring



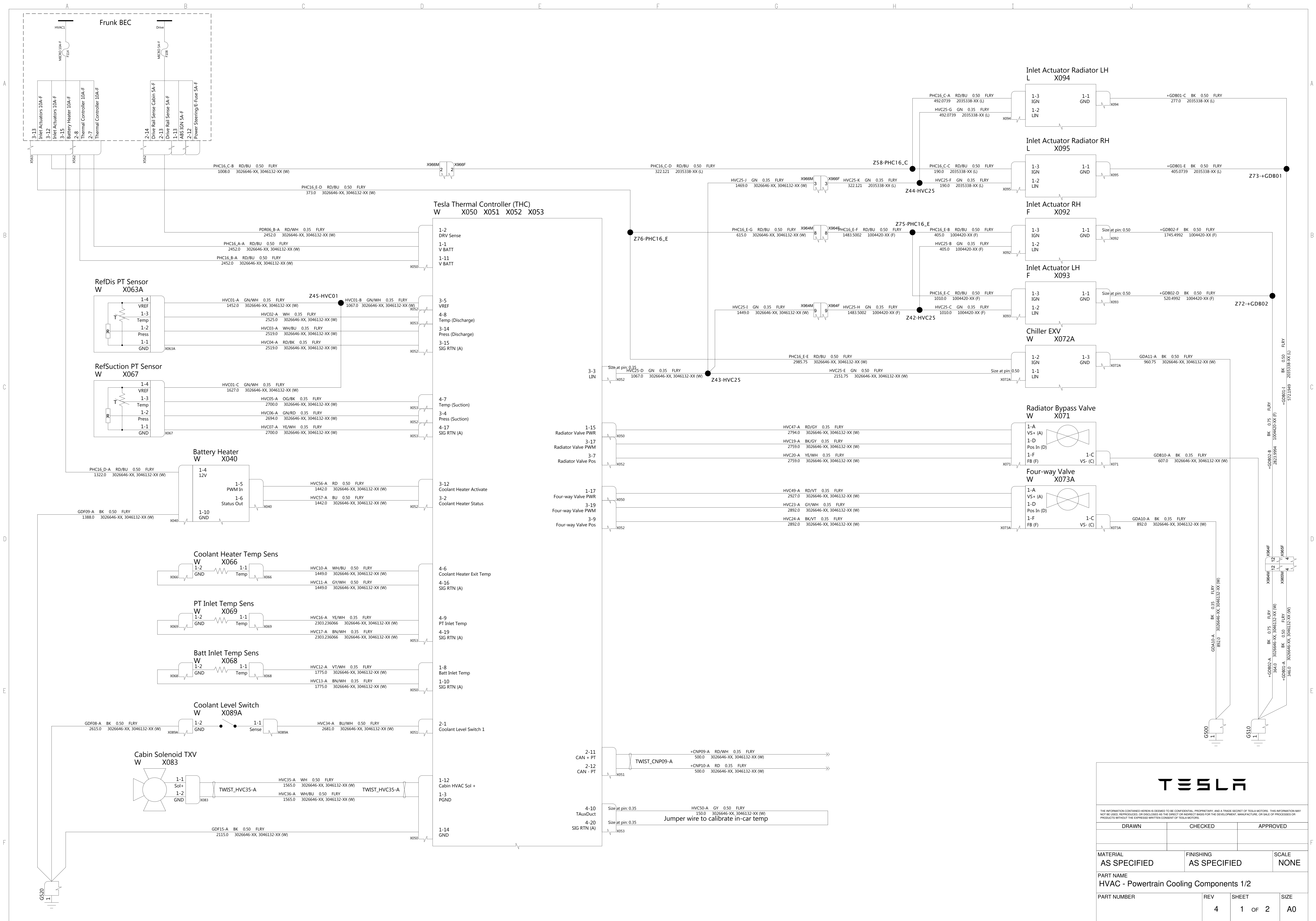
Wiring shown on this page is for reference only and is included in HVAC Assembly.

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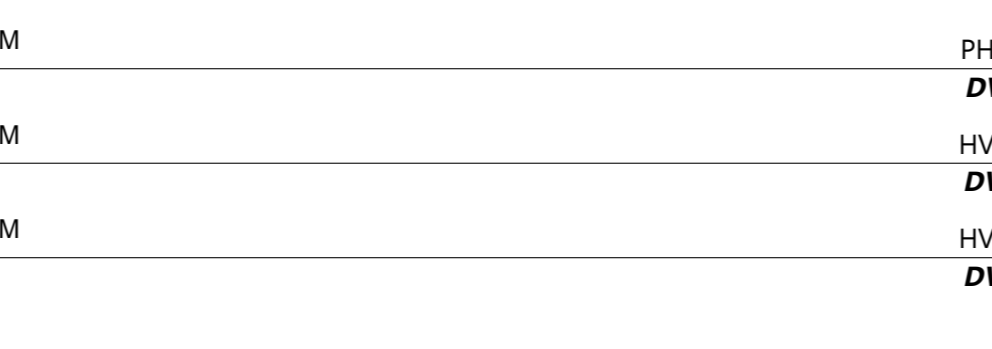
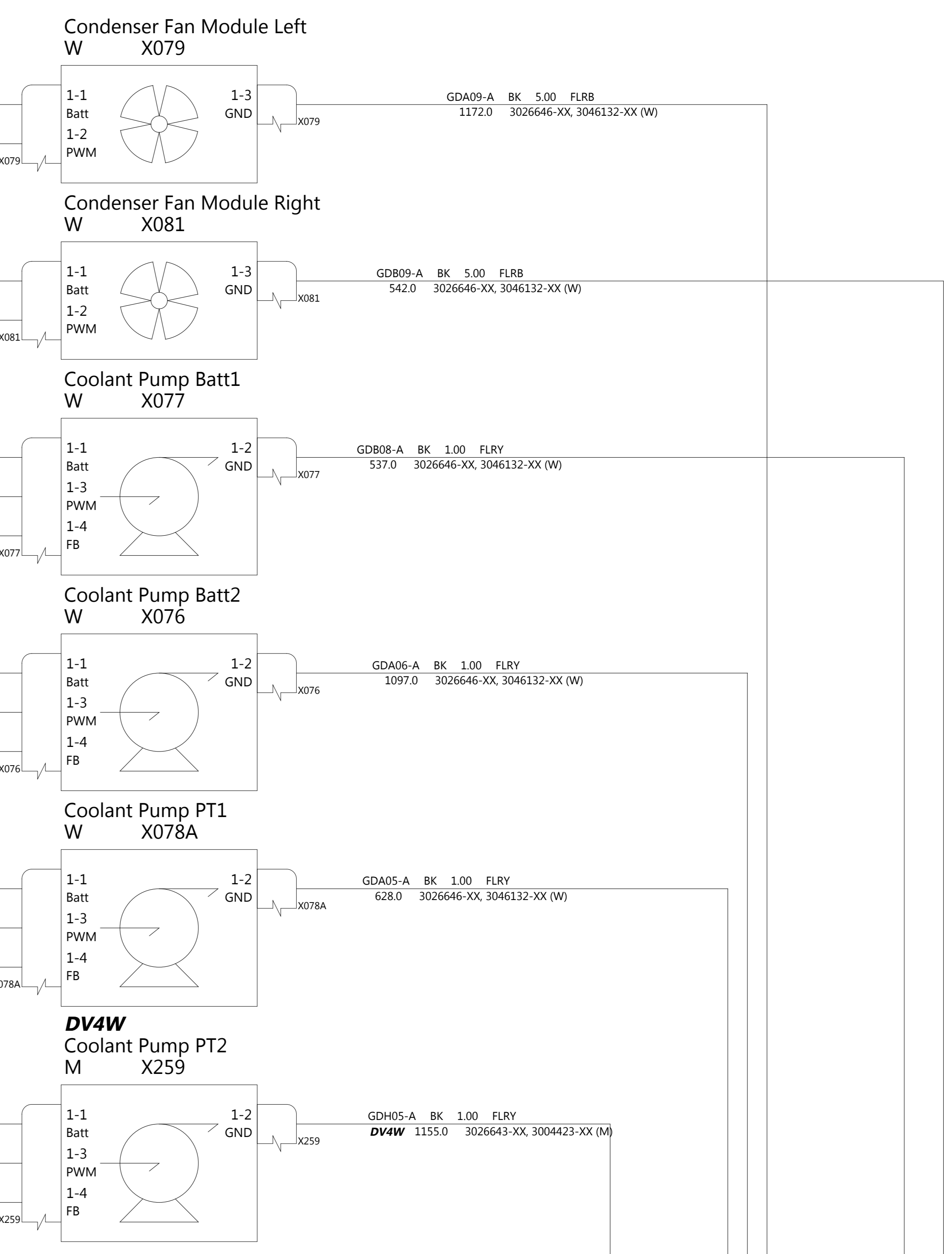
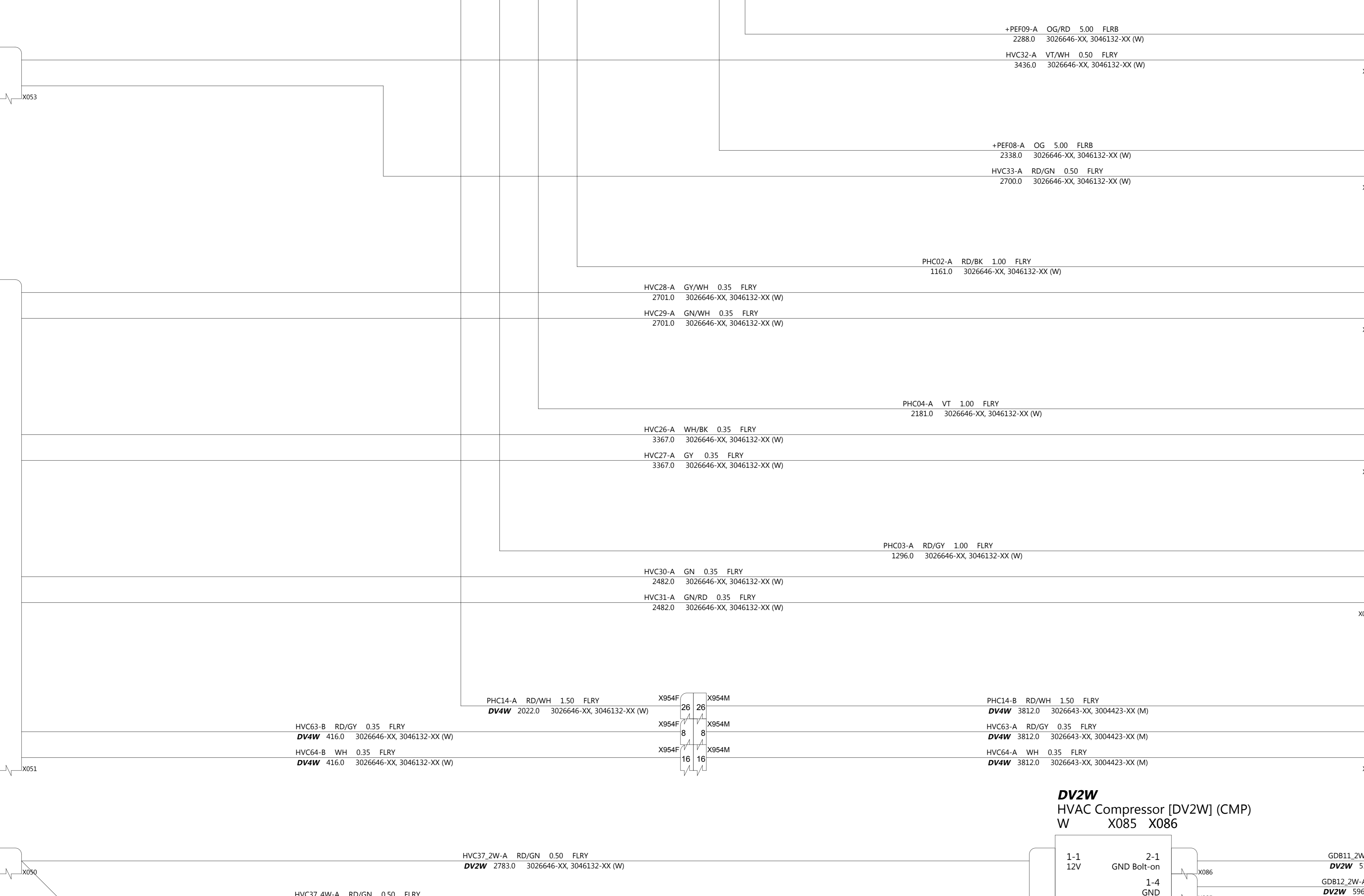
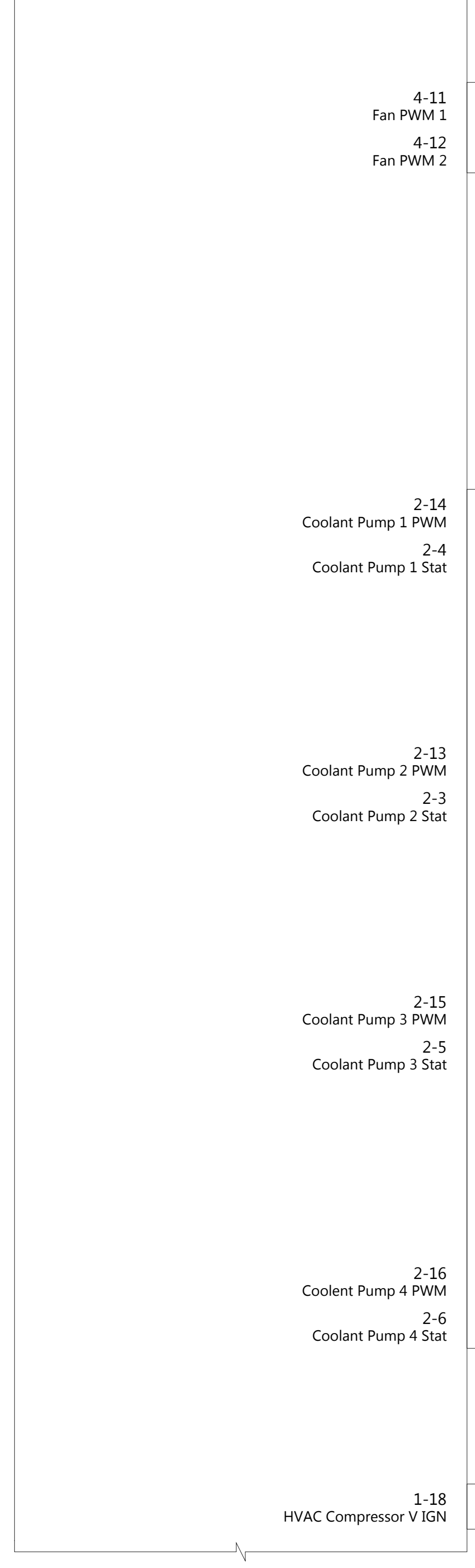
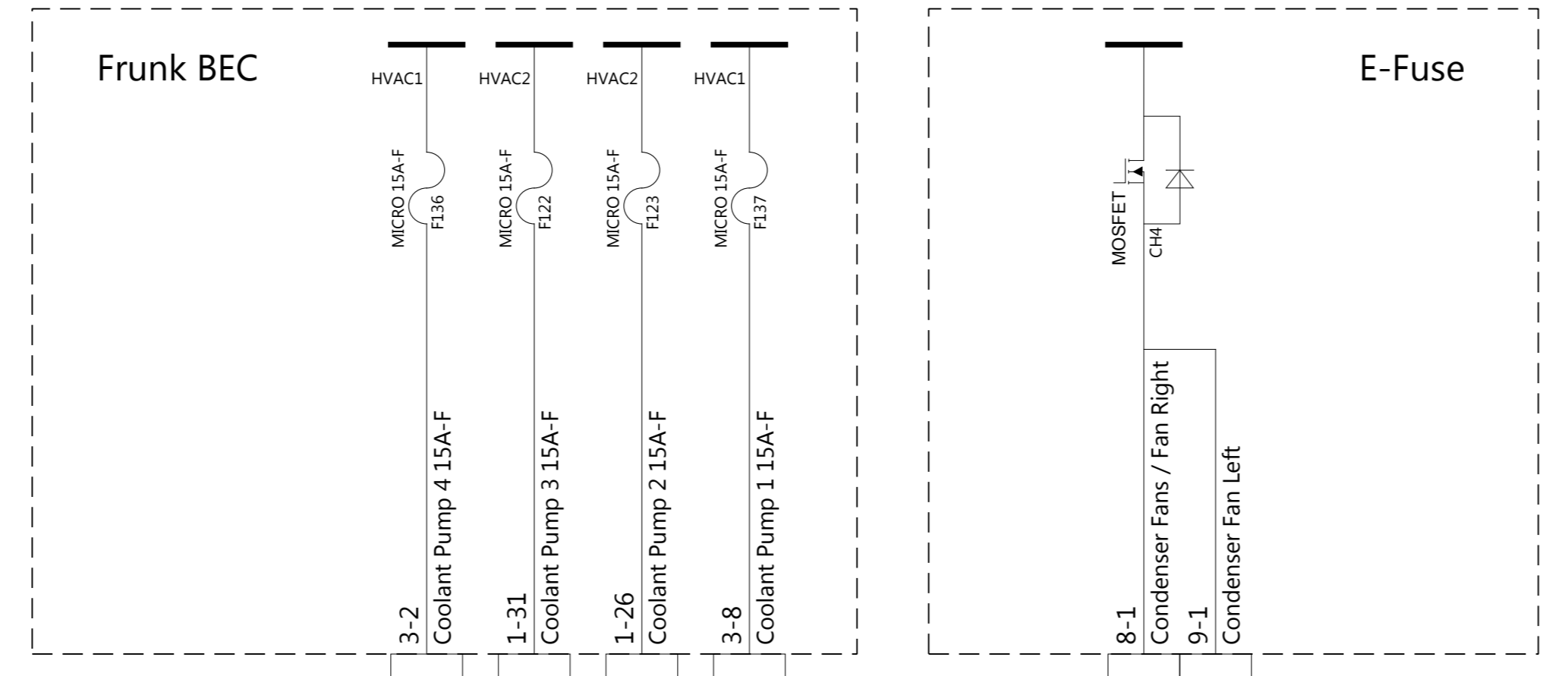
DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME HVAC - Case Harness		
PART NUMBER	REV 1	SHEET 1 OF 1
		SIZE AO



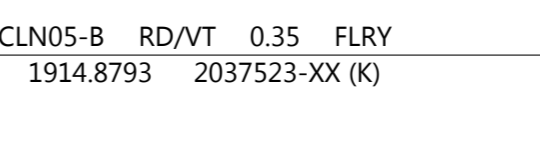
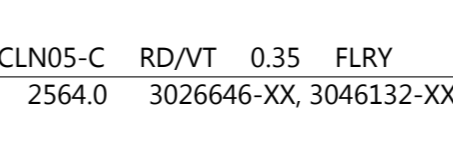
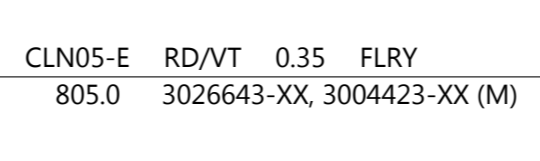
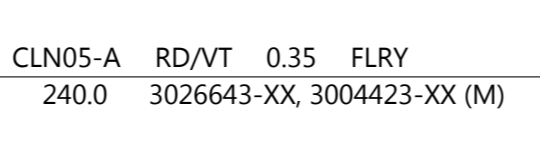
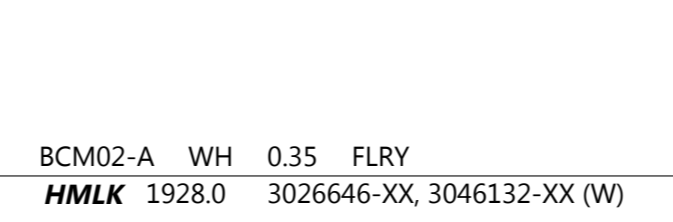
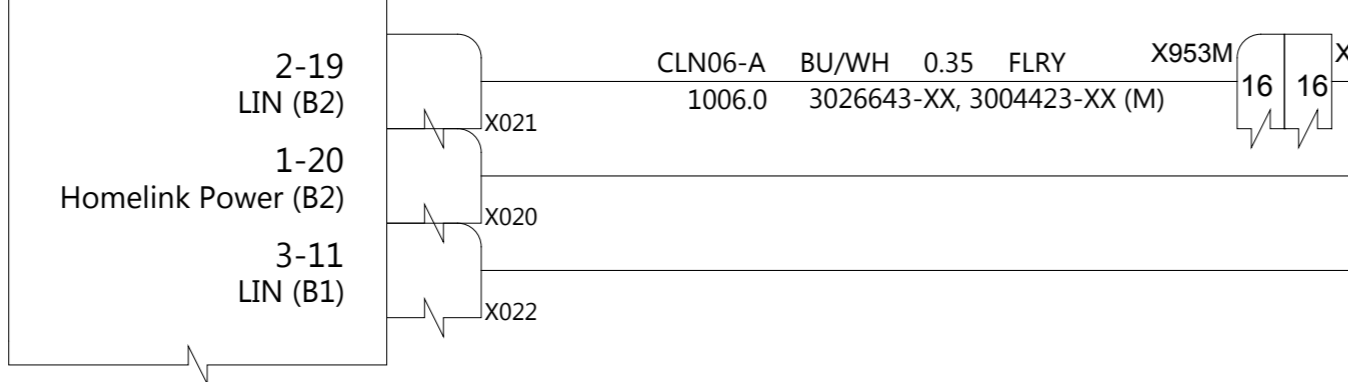
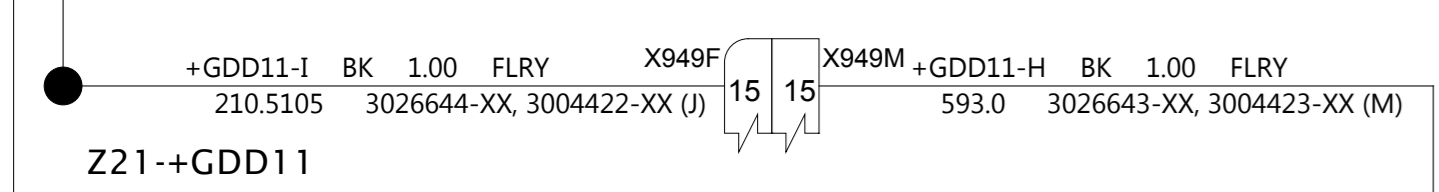
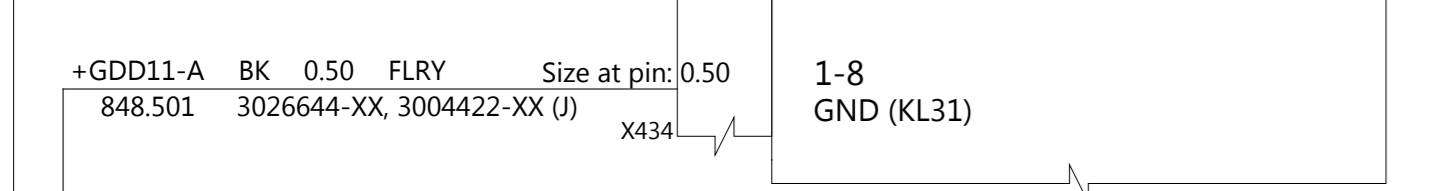
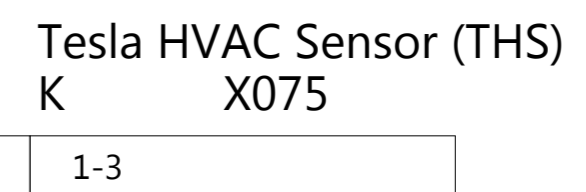
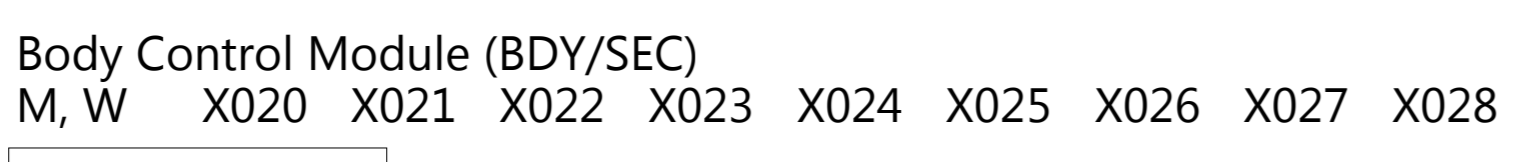
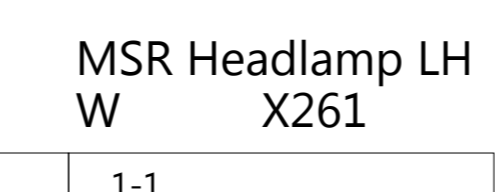
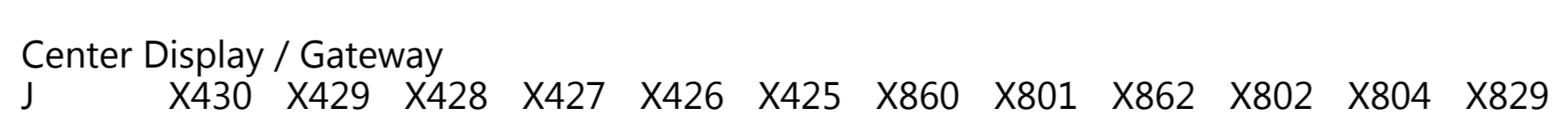
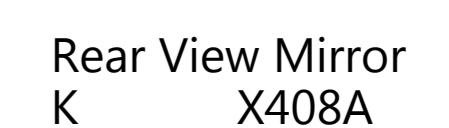
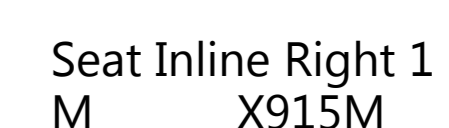
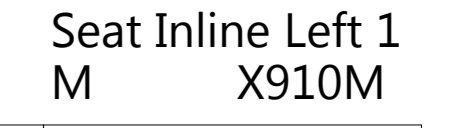
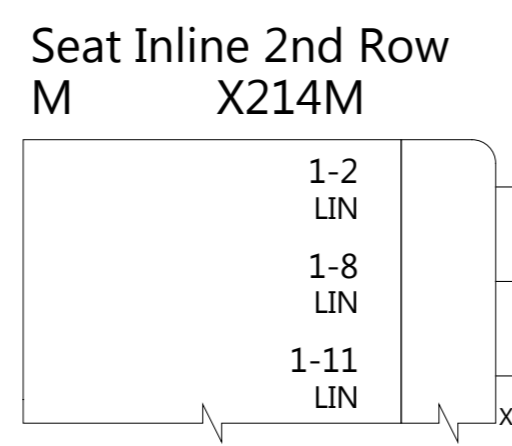
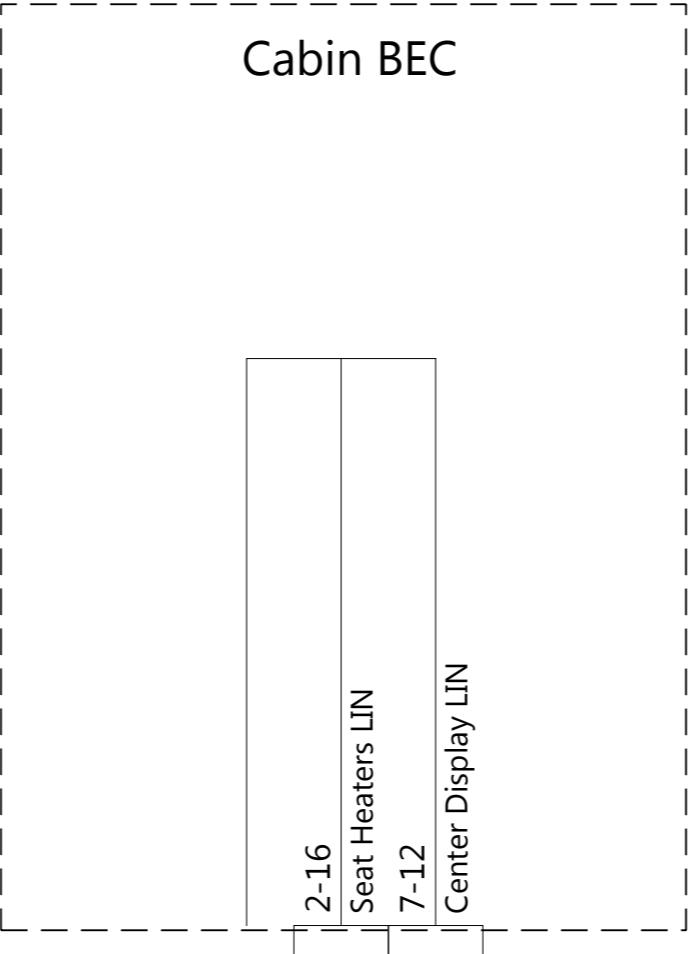
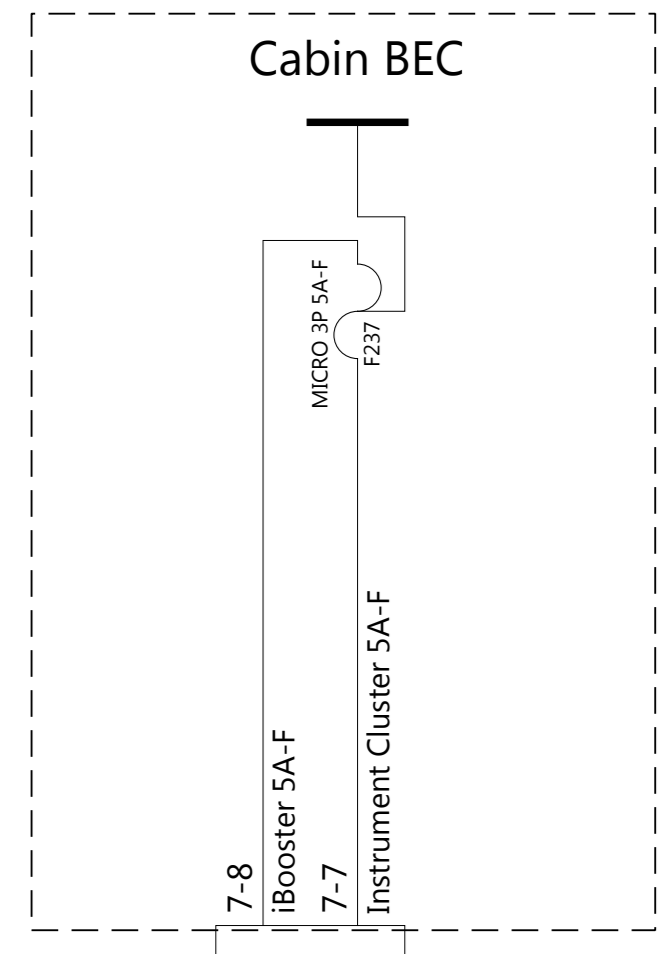


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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME HVC - Powertrain Cooling Components 1/2		
PART NUMBER	REV 4	SHEET 1 of 2
	SIZE A0	

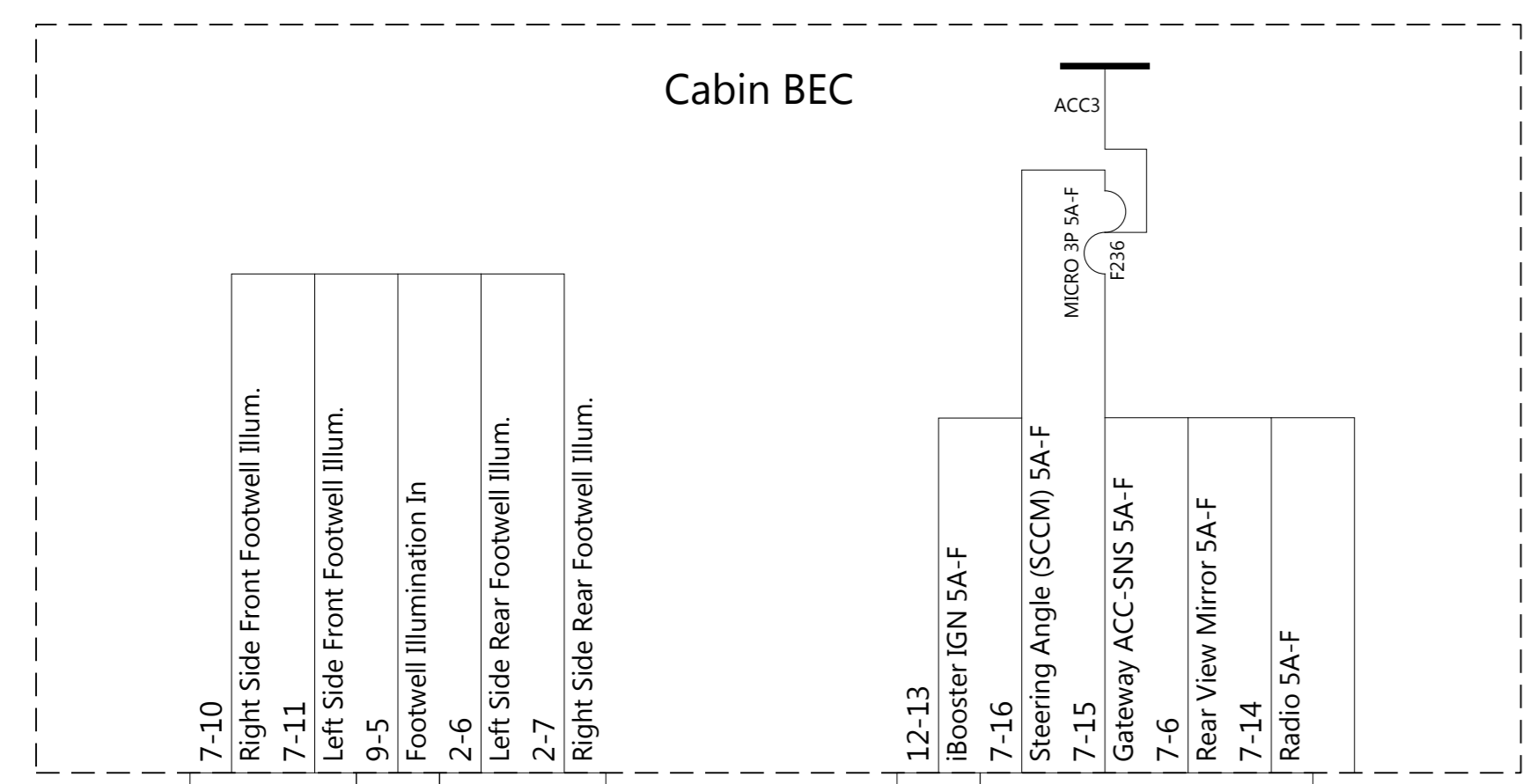
Tesla Thermal Controller (THC)  
W X050 X051 X052 X053



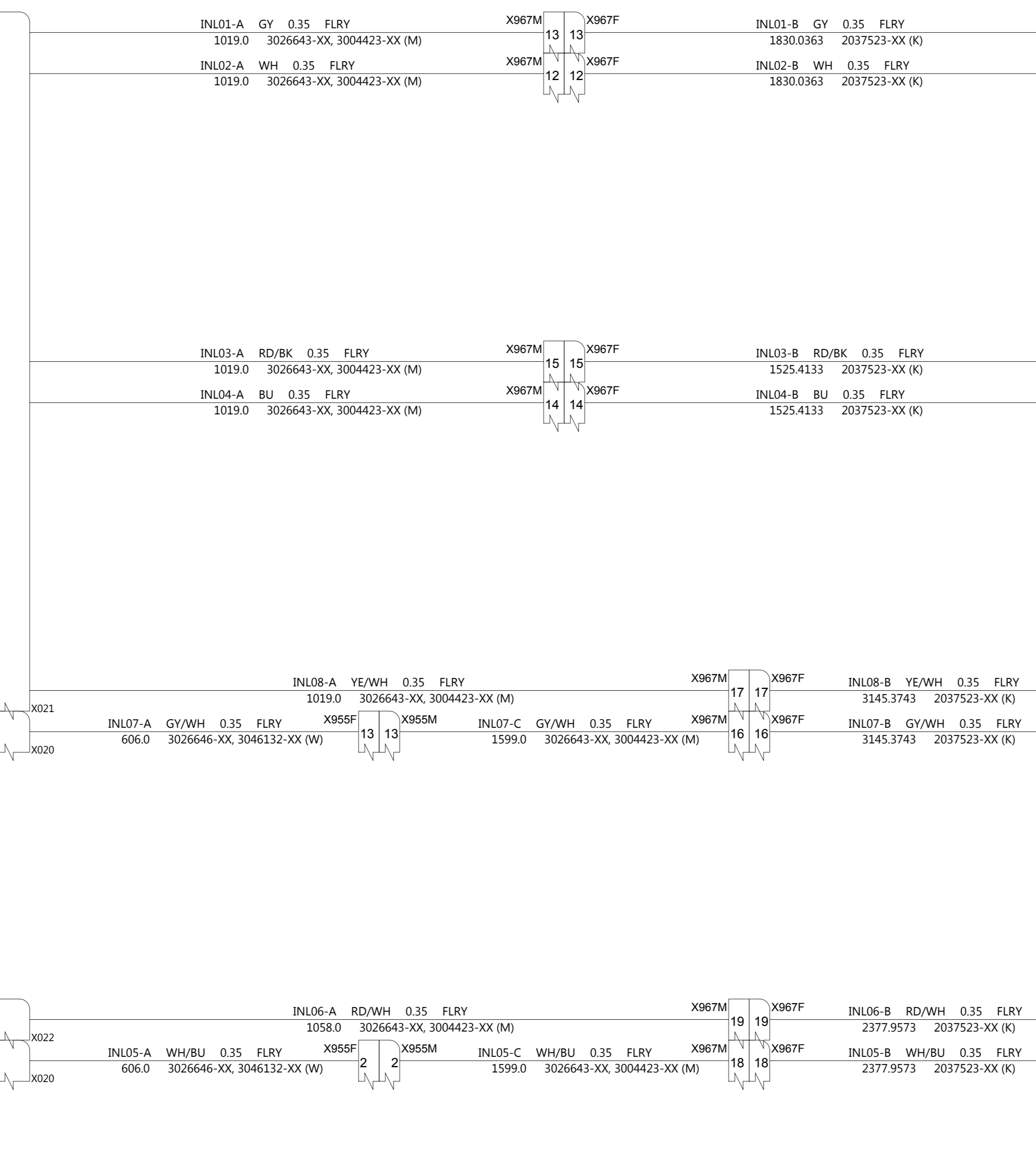
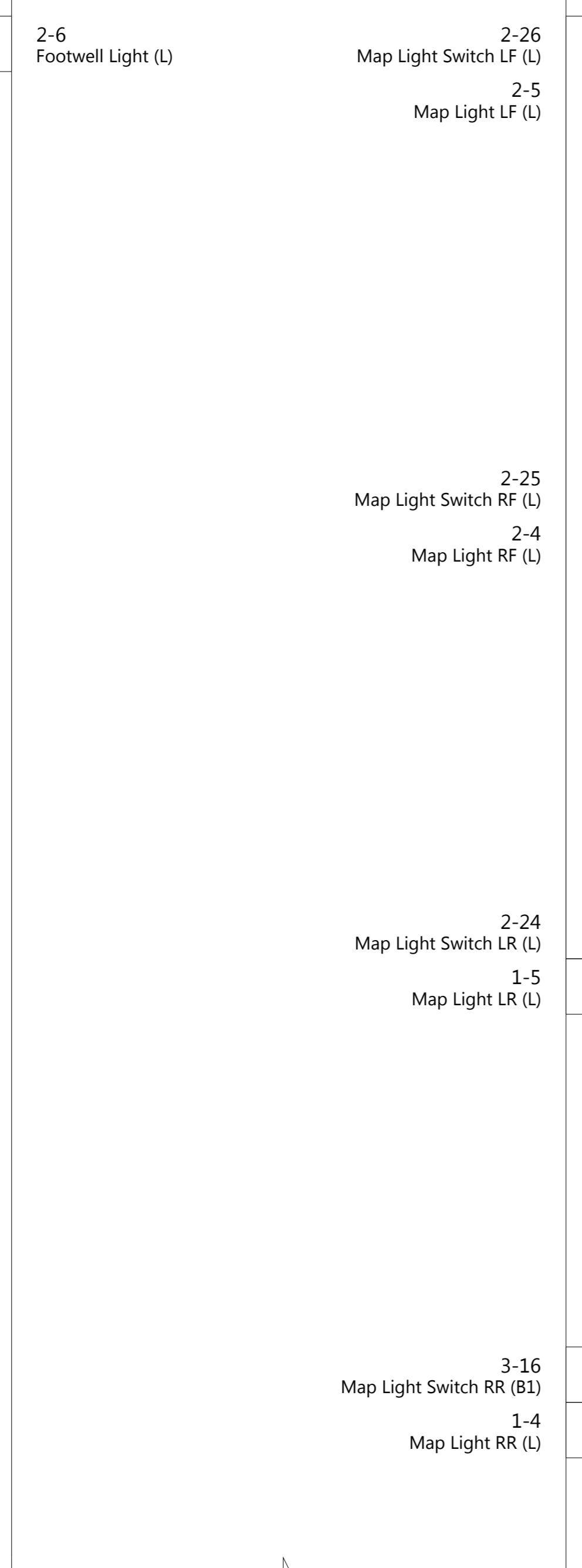
<b>TESLA</b>			
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DRAWN	CHECKED	APPROVED	
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE	
PART NAME HVAC - Powertrain Cooling Components 2/2			
PART NUMBER	REV 4	SHEET 2 of 2	SIZE A0



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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME Instrument Cluster / LIN		
PART NUMBER	REV 2	SHEET 1 OF 1
		SIZE A0



**Body Control Module (BDY/SEC)**  
M, W X020 X021 X022 X023 X024 X025 X026 X027 X028



**Vanity Light LF**  
K X296

**Vanity Light RF**  
K X297

**Map Light LF**  
K X284

**Map Light RF**  
K X285

**Map Light LR**  
K X283

**Map Light RR**  
K X282

**Light Footwell LF**  
J X280

**Light Footwell RF**  
J X281

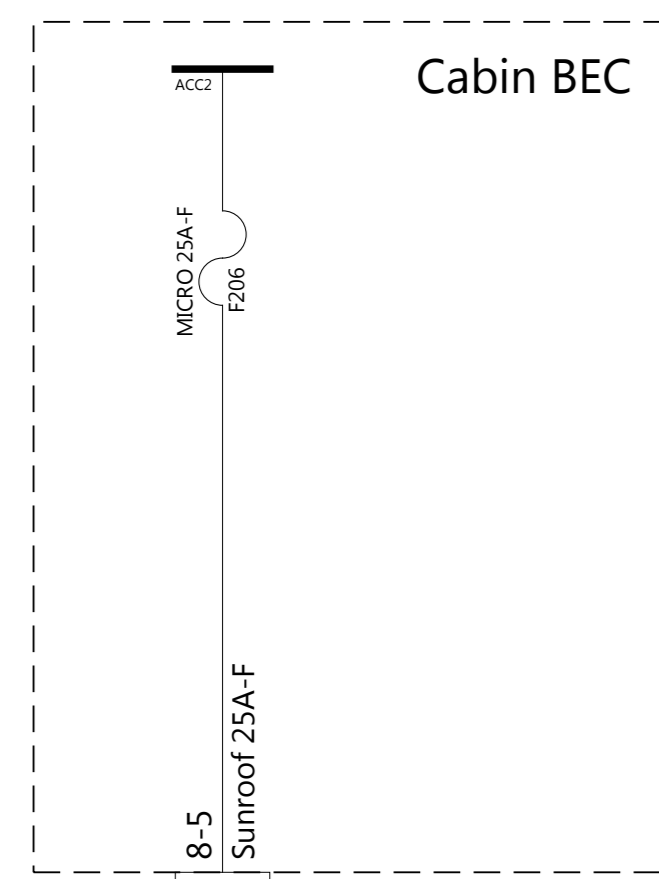
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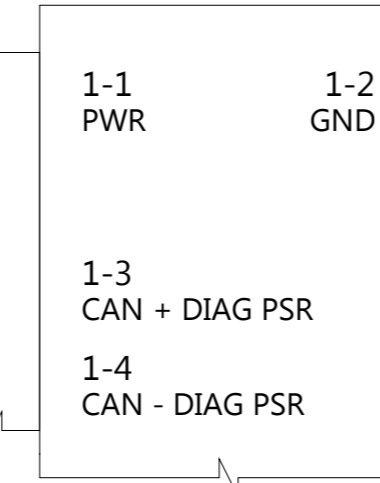
DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME Interior Illumination Maplights		
PART NUMBER	REV 1	SHEET 1 of 1
		SIZE A0



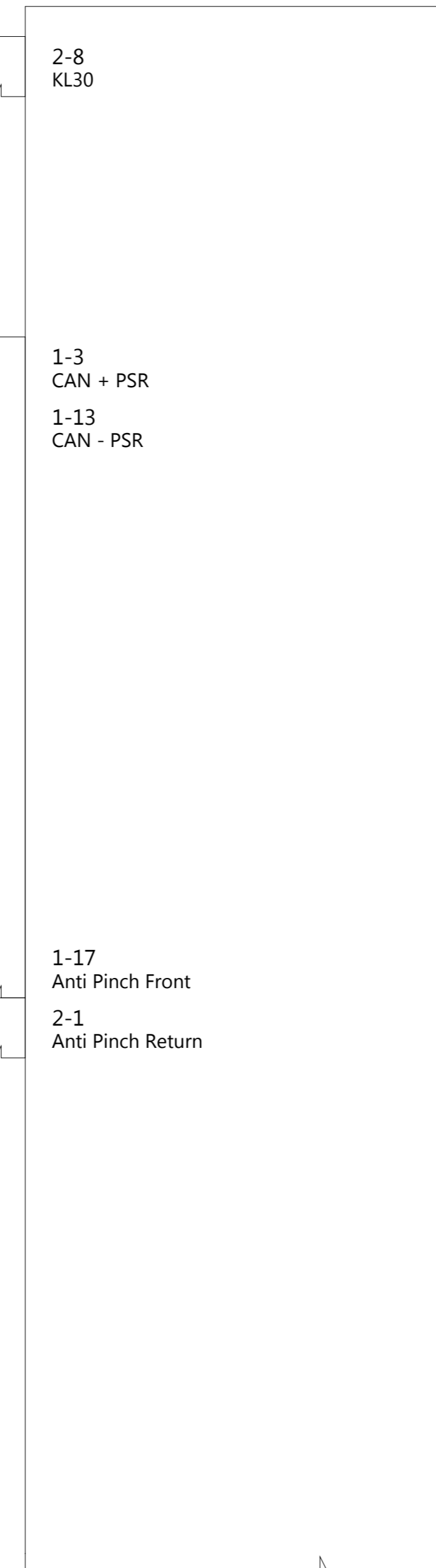




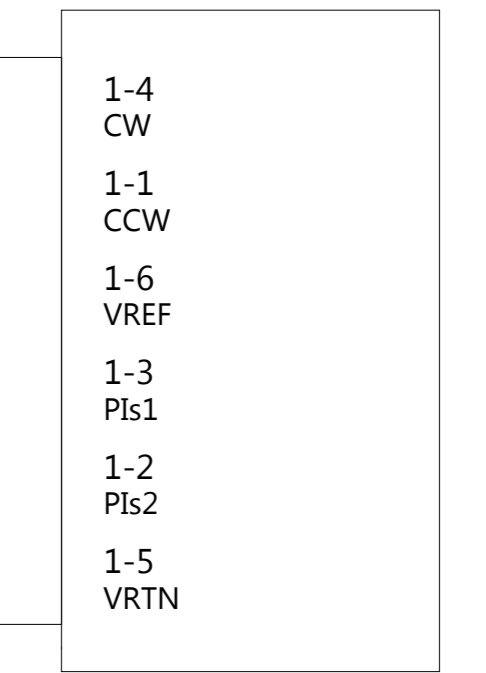
**RFPO**  
Sunroof Tester  
M X919M



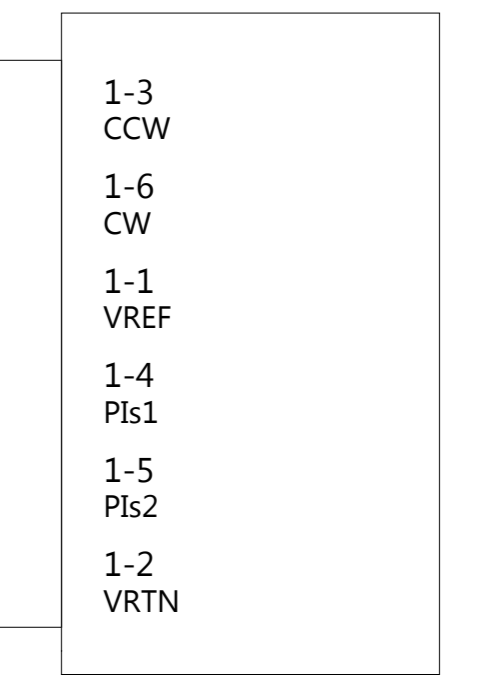
**Sunroof Control Module (SUN)**  
M X404 X405



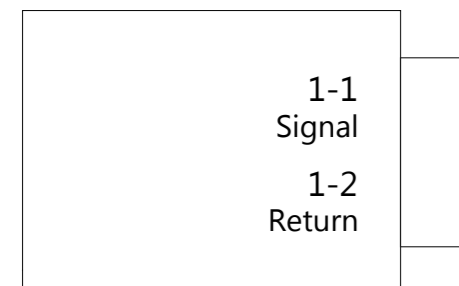
**RFPO**  
Sunroof Motor LH  
M X402



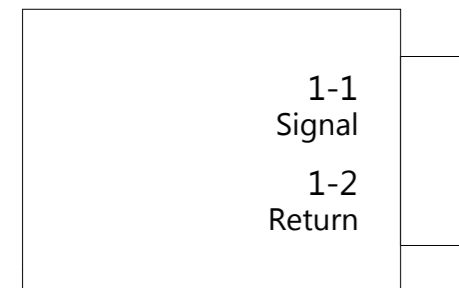
**RFPO**  
Sunroof Motor RH  
M X403



**RFPO**  
Sunroof Anti Pinch 1  
M X406



**RFPO**  
Sunroof Anti Pinch 2  
M X407

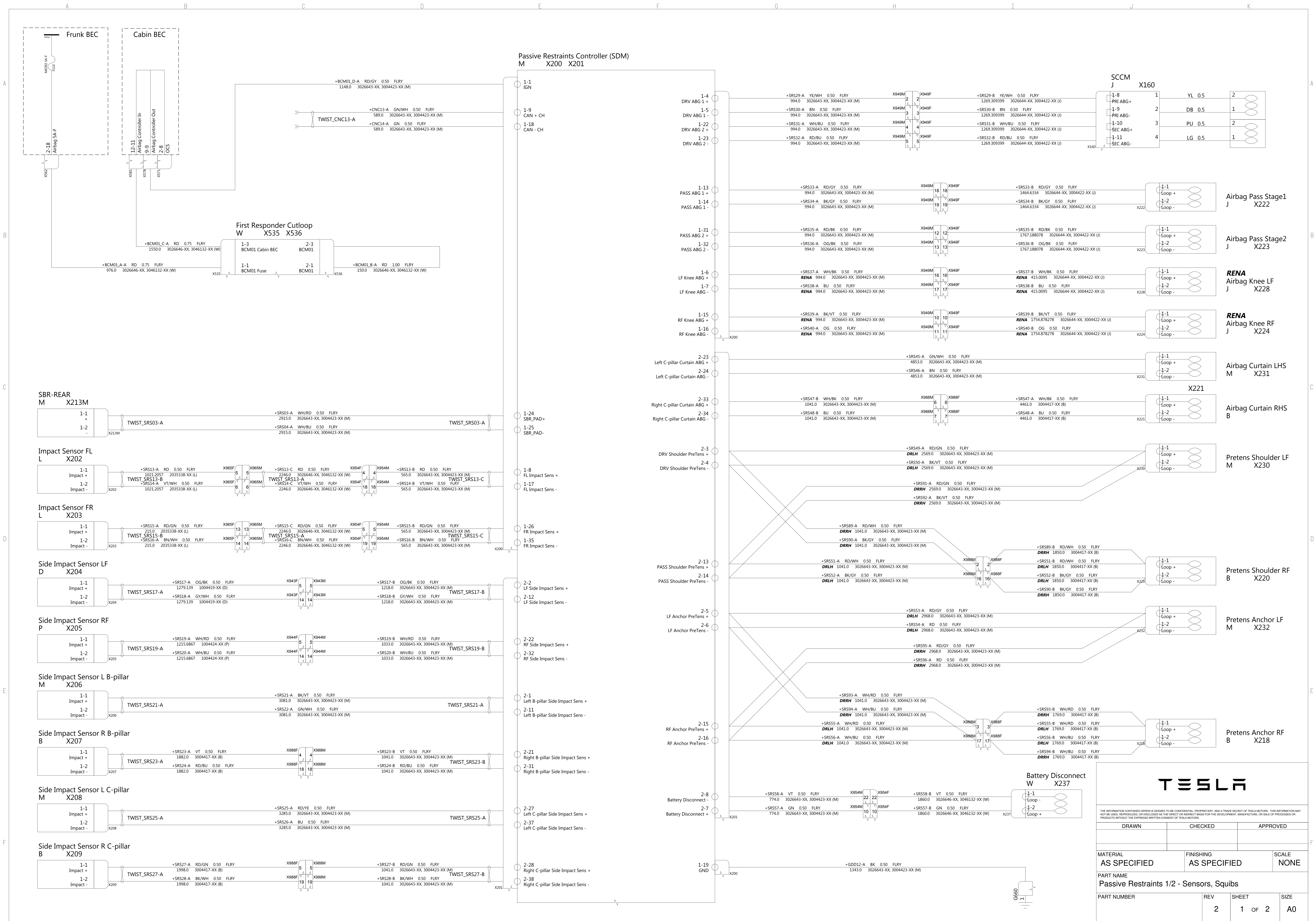


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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME Panoramic Sunroof		
PART NUMBER	REV 1	SHEET 1 of 1
		SIZE A0

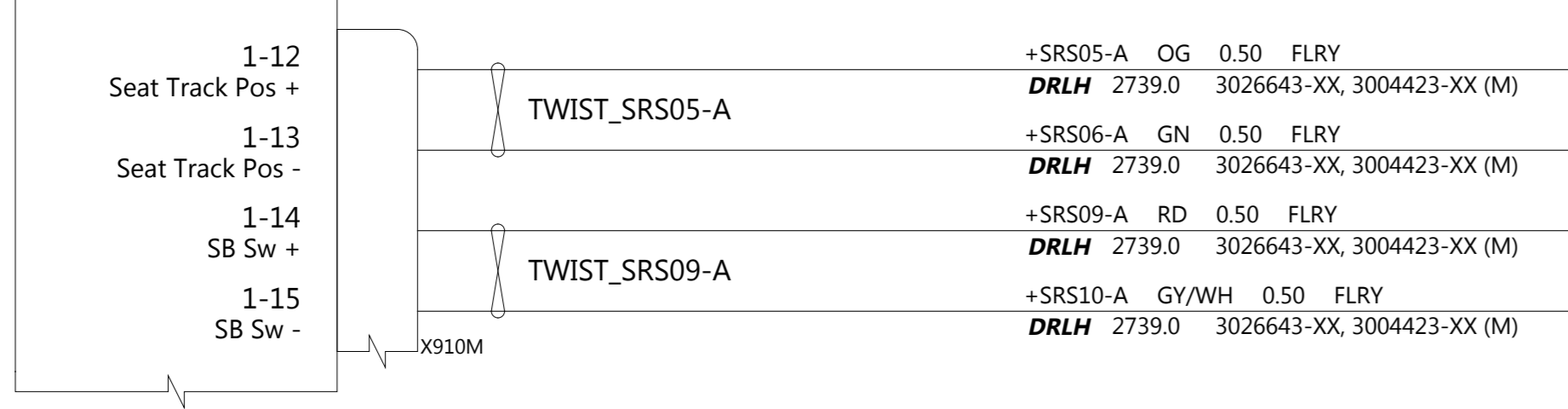




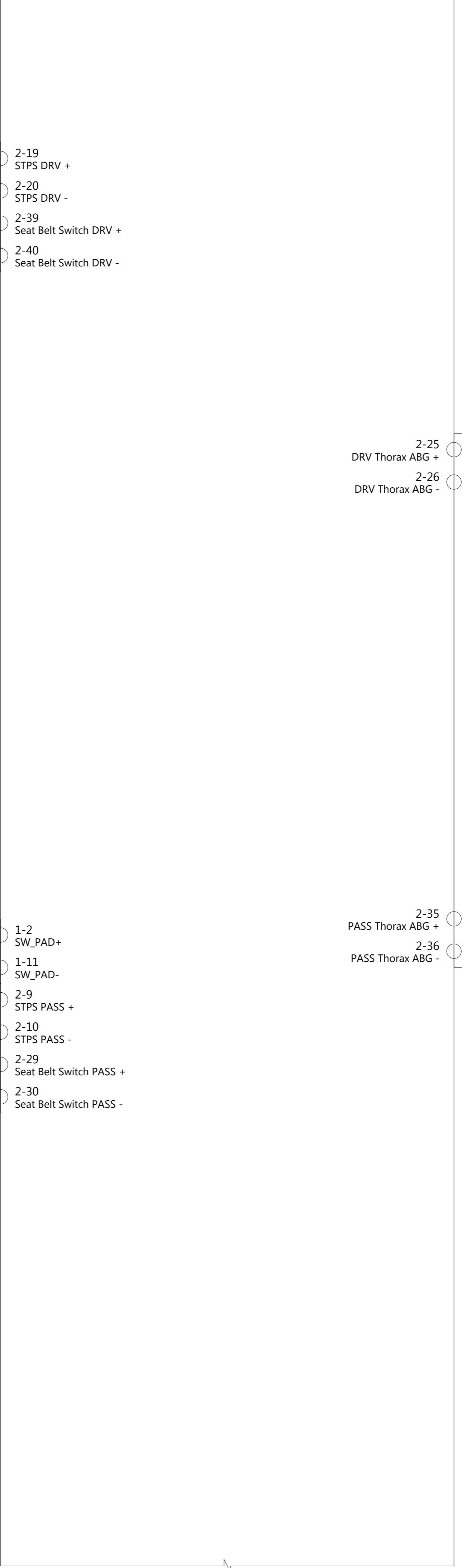
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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME Passive Restraints 1/2 - Sensors, Squibs		
PART NUMBER	REV	SHEET
	2	1 of 2
		SIZE A0



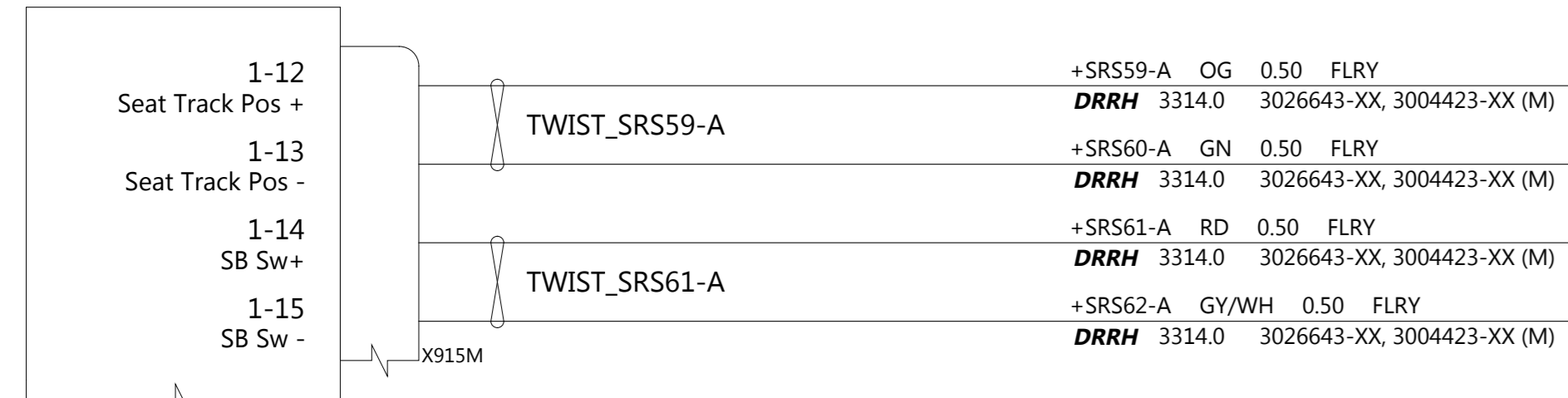
Seat Inline Left 1  
M  
X910M



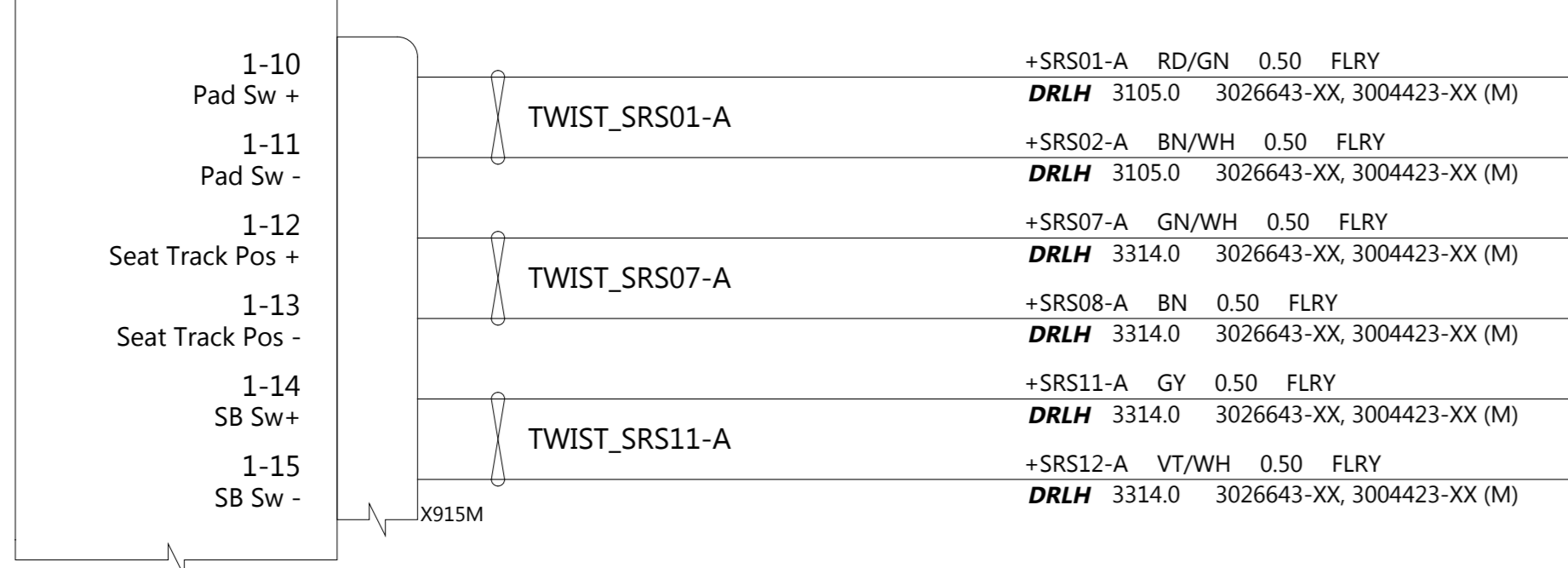
Passive Restraints Controller (SDM)  
M  
X200 X201



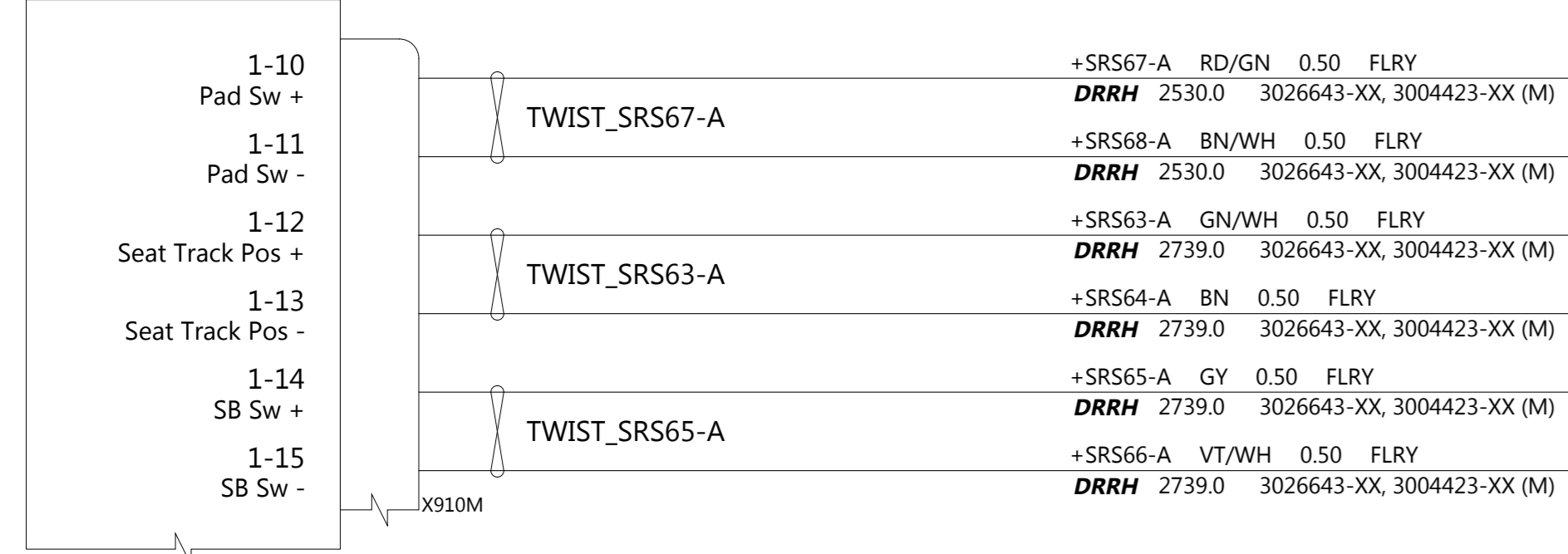
Seat Inline Right 1  
M  
X915M



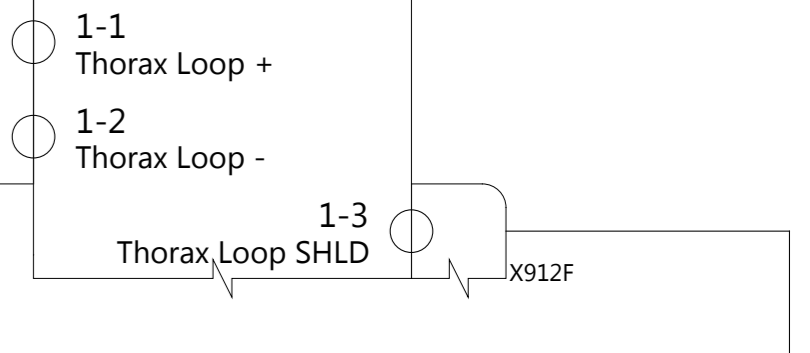
Seat Inline Right 1  
M  
X915M



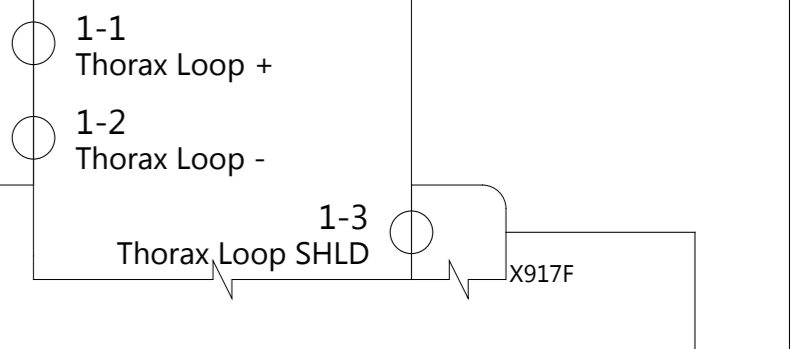
Seat Inline Left 1  
M  
X910M



Seat Inline Left 3  
M  
X912F



Seat Inline Right 3  
M  
X917F



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DRAWN	CHECKED	APPROVED	
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE	
PART NAME Passive Restraints 2/2 - Seats			
PART NUMBER	REV 2	SHEET 2 of 2	SIZE A0

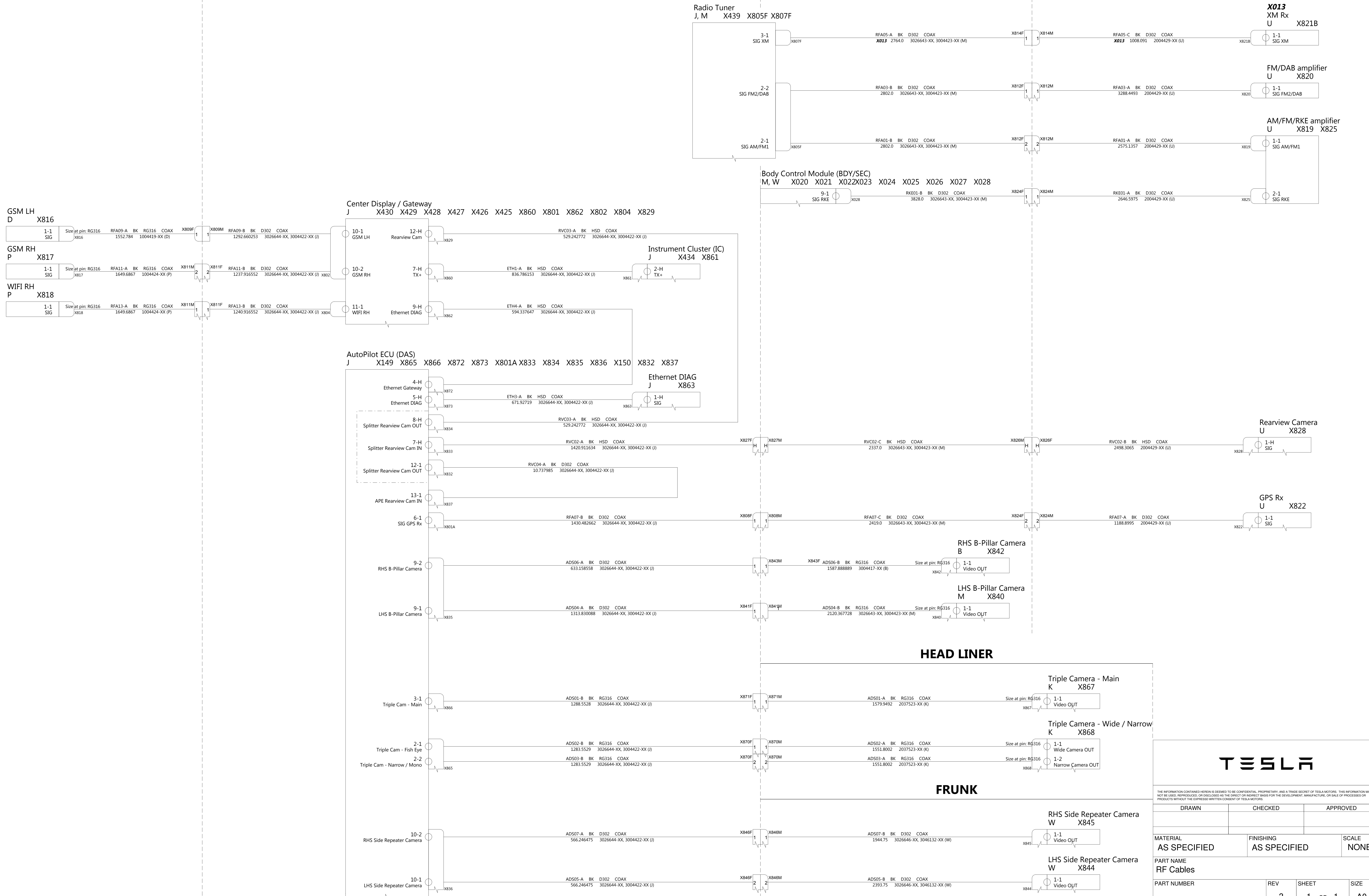
G660

DOORS

I/P

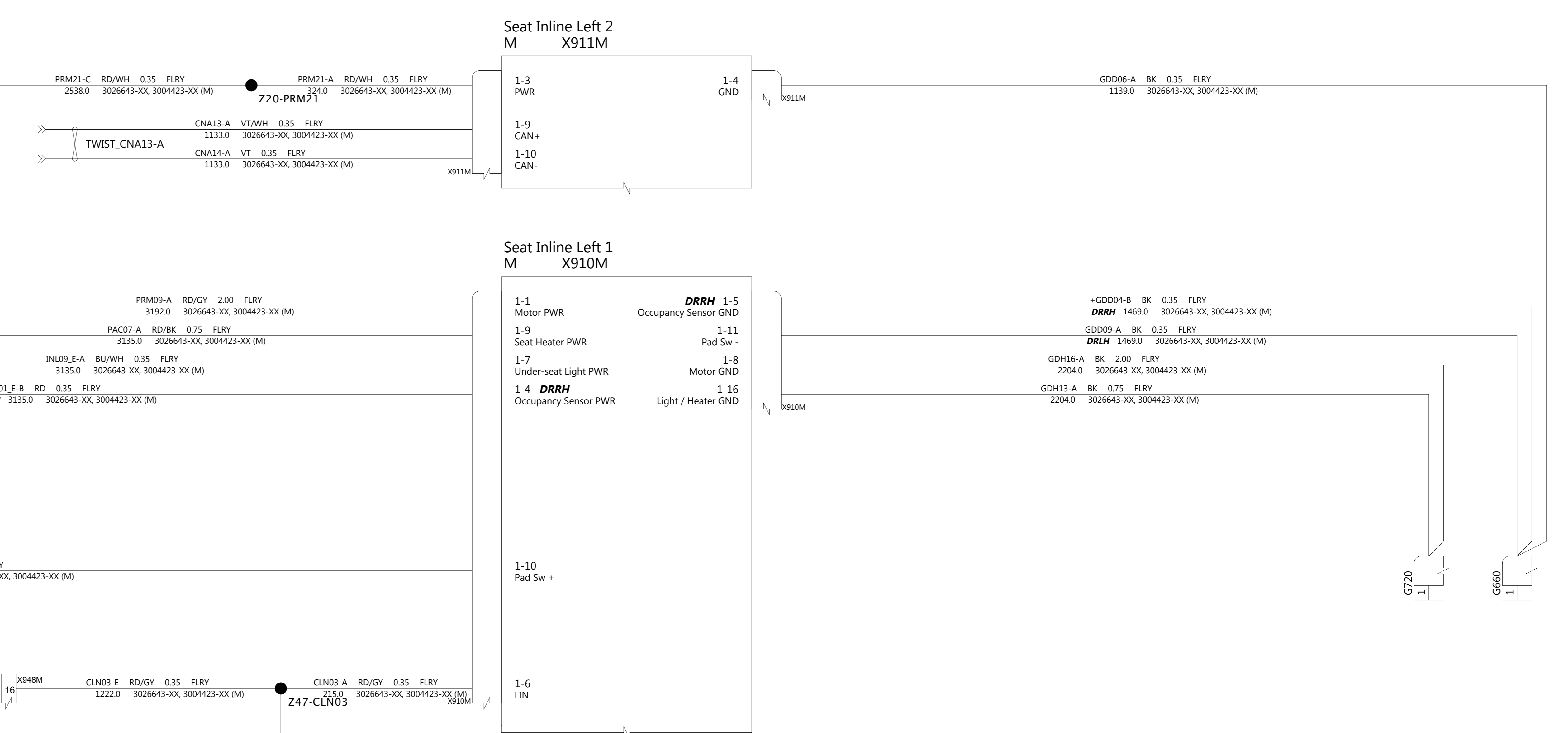
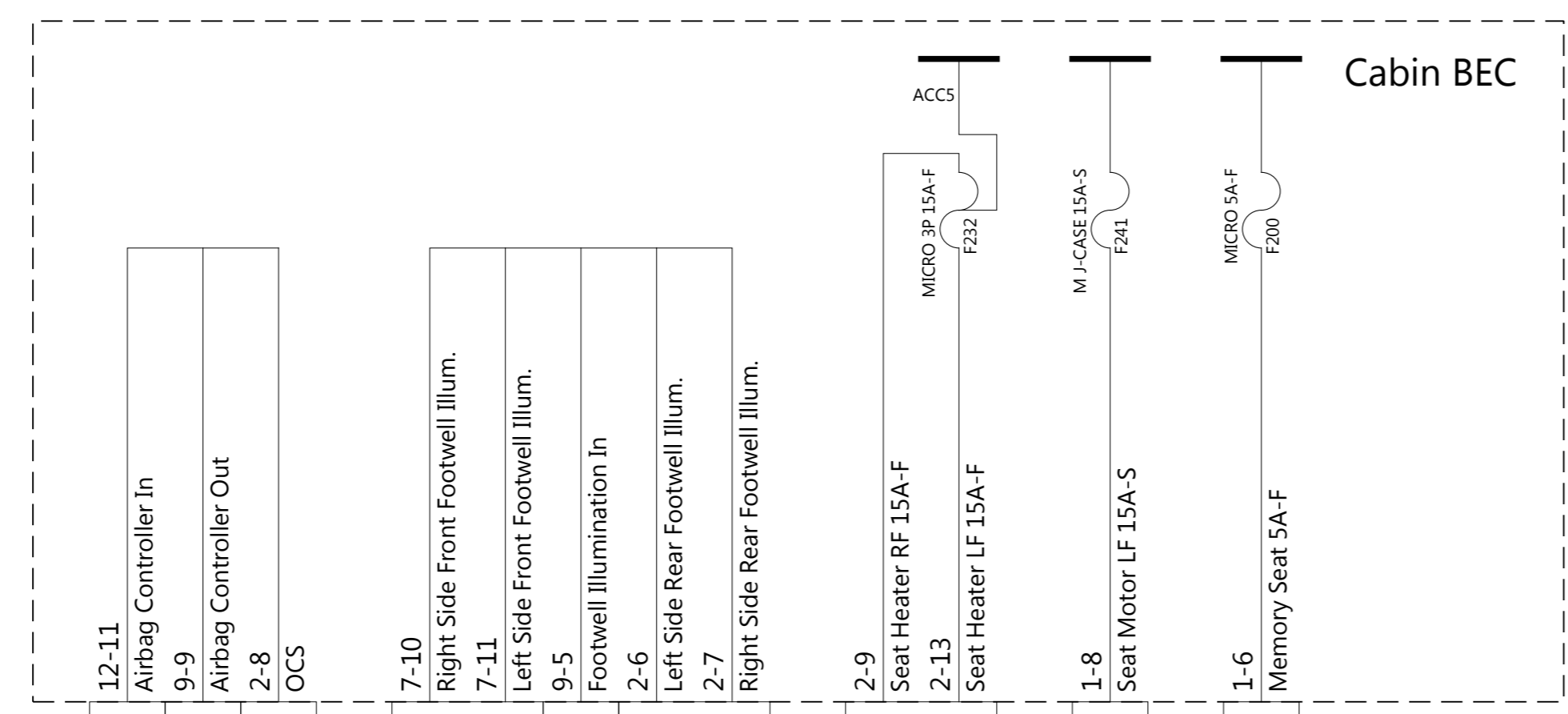
BODY

LIFTGATE



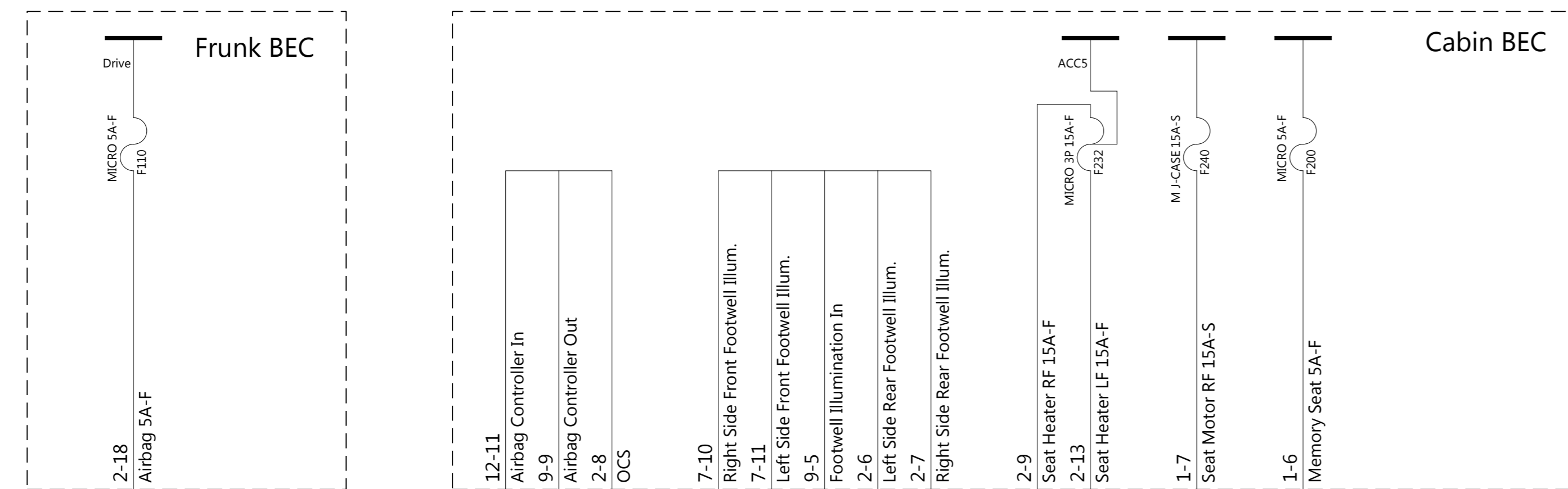
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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME RF Cables		
PART NUMBER	REV 3	SHEET 1 OF 1
		SIZE A0

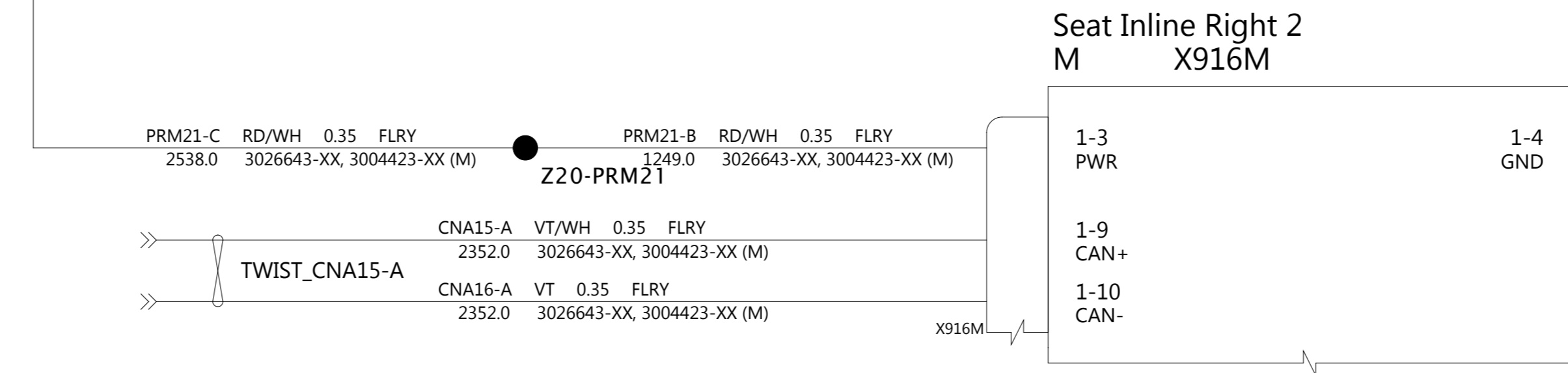
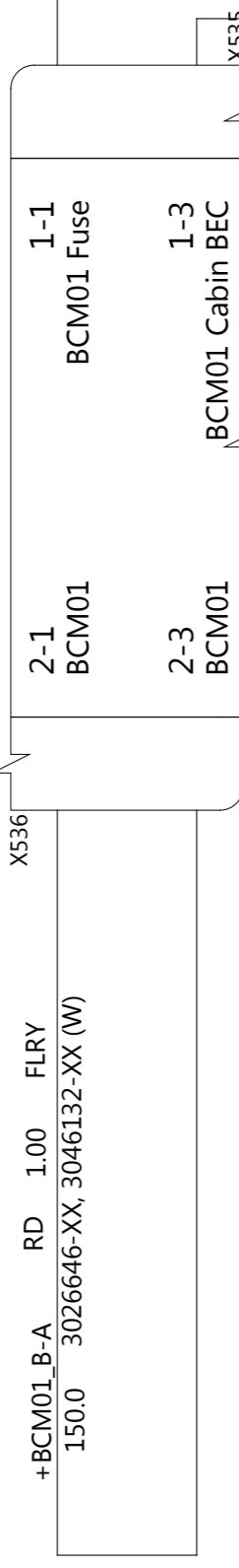


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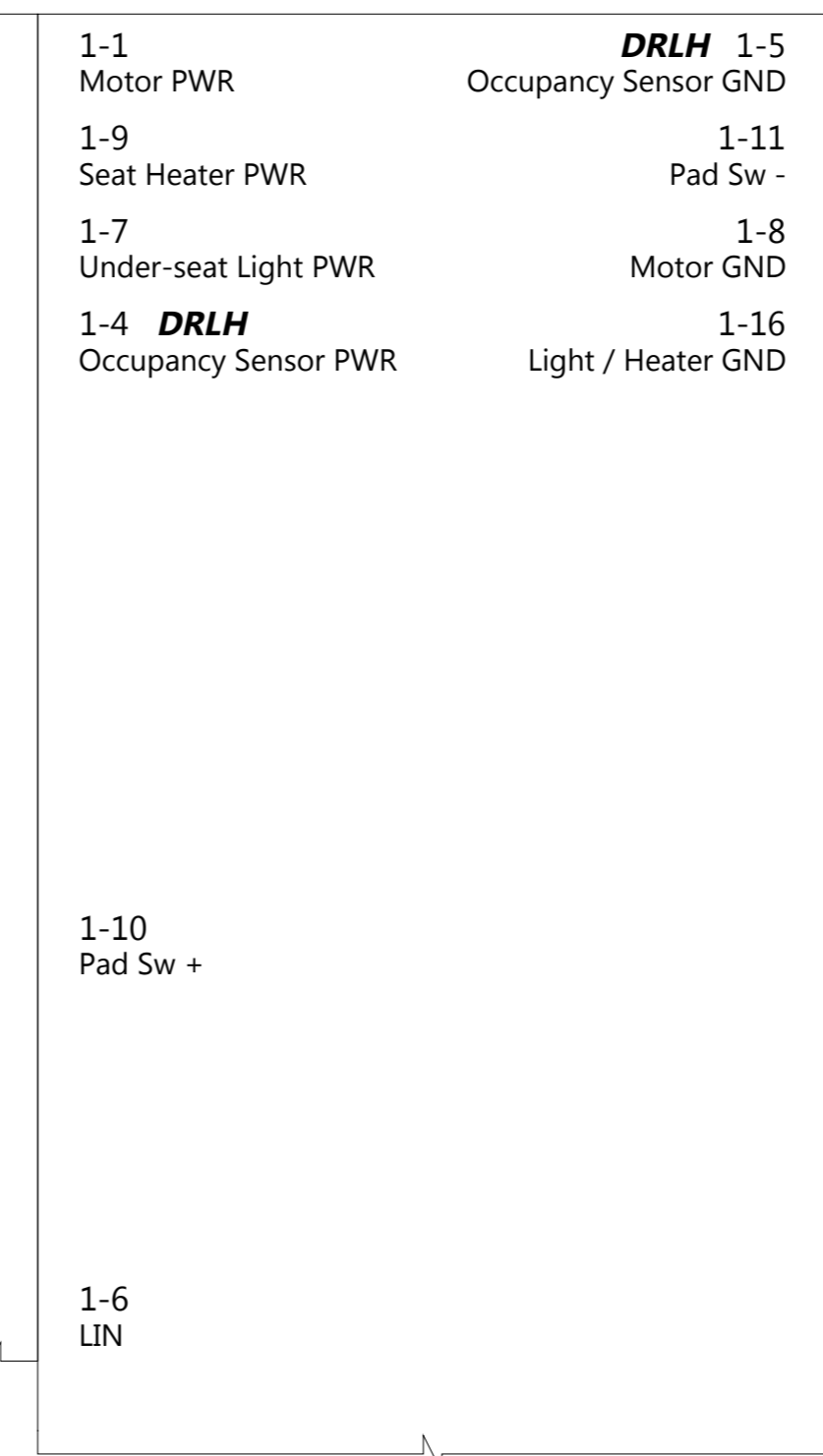
DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME Seats - Front Interface LHS		
PART NUMBER	REV 1	SHEET 1 OF 1
		SIZE A0



**First Responder Cutloop**  
W X535 X536



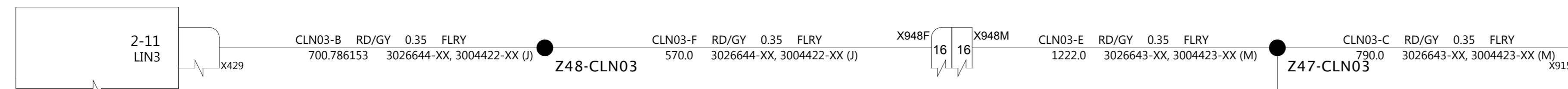
**Seat Inline Right 1**  
M X915M



**Body Control Module (BDY/SEC)**  
M, W X020 X021 X022 X023 X024 X025 X026 X027 X028



**Center Display / Gateway**  
J X430 X429 X428 X427 X426 X425 X860 X801 X862 X802 X804 X829



**Seat Inline Left 1**  
M X910M

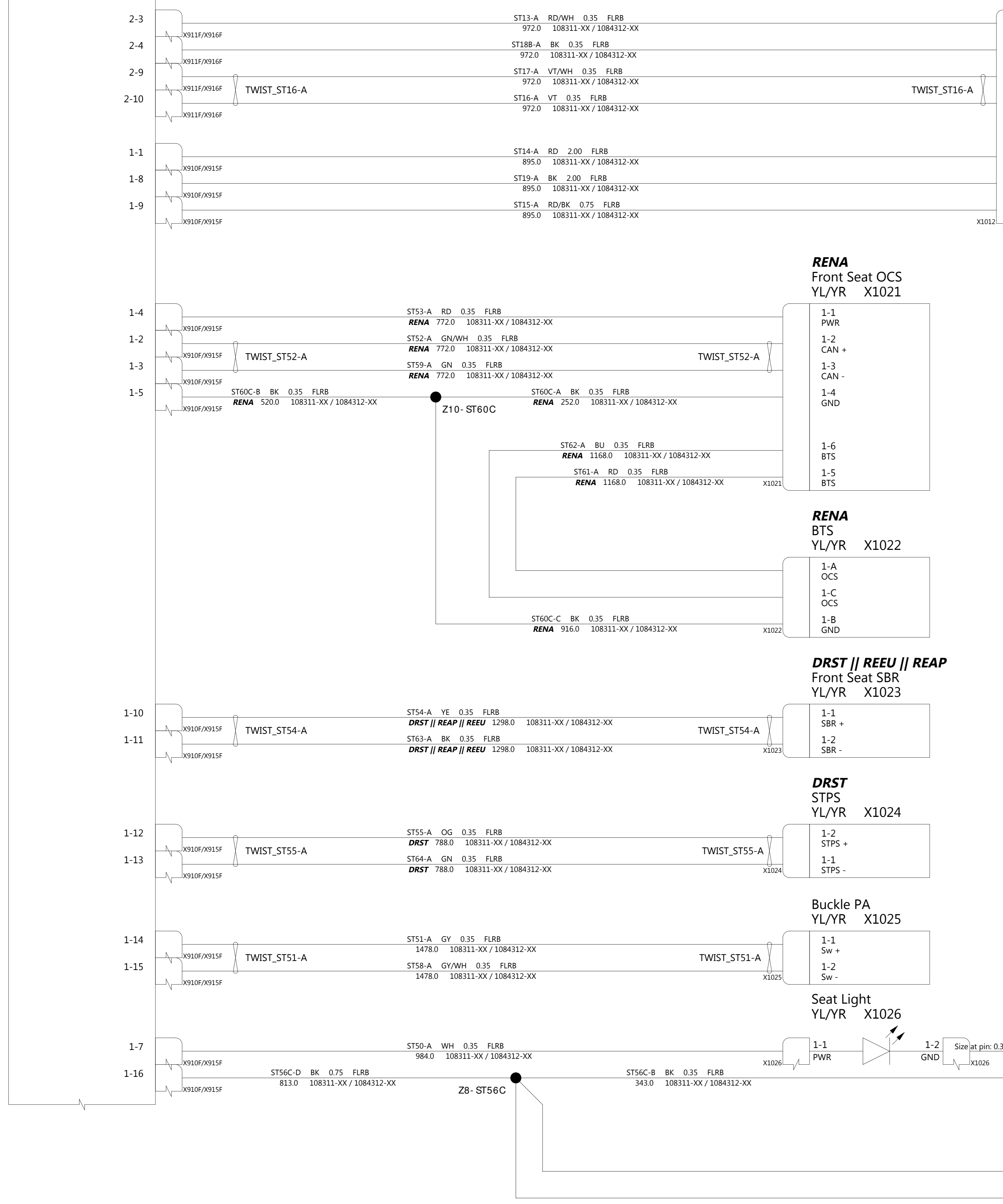


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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME Seats - Front Interface RHS		
PART NUMBER	REV 1	SHEET 1 of 1
		SIZE A0

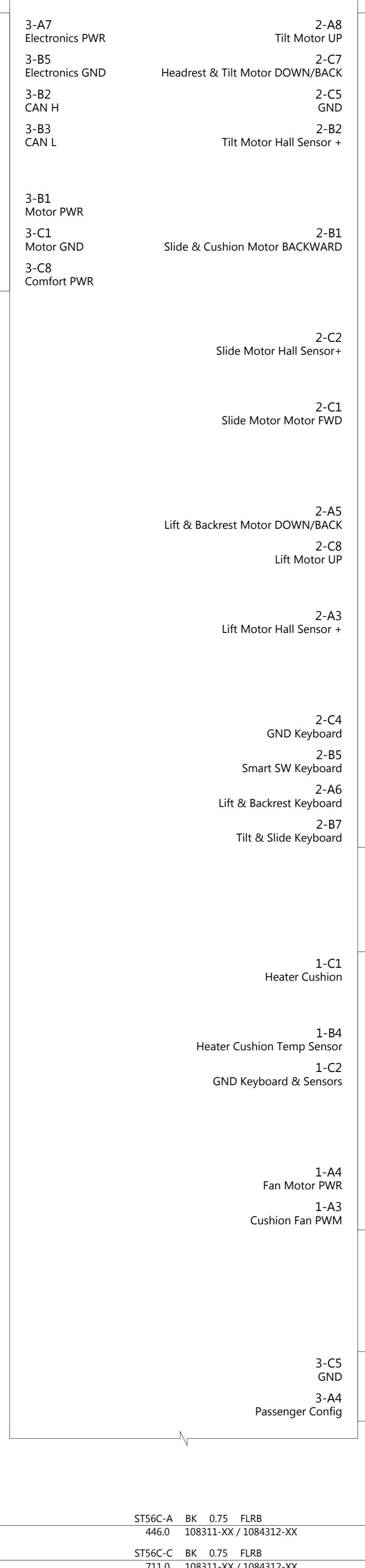


Wiring shown on this page is for reference only and is included in Seat Assembly.

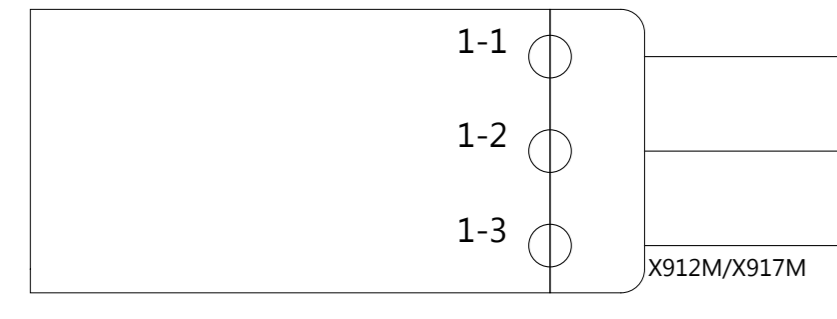
Vehicle Inlines  
YL/YR X910F/X915F X911F/X916F



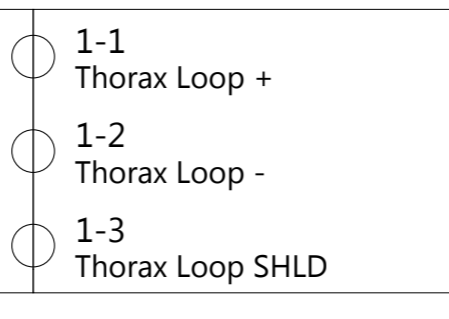
X Seat MSM  
YL/YR X1010 X1011 X1012



Airbag Inline  
YL/YR X912M/X917M



Seat Airbag  
YL/YR X1050

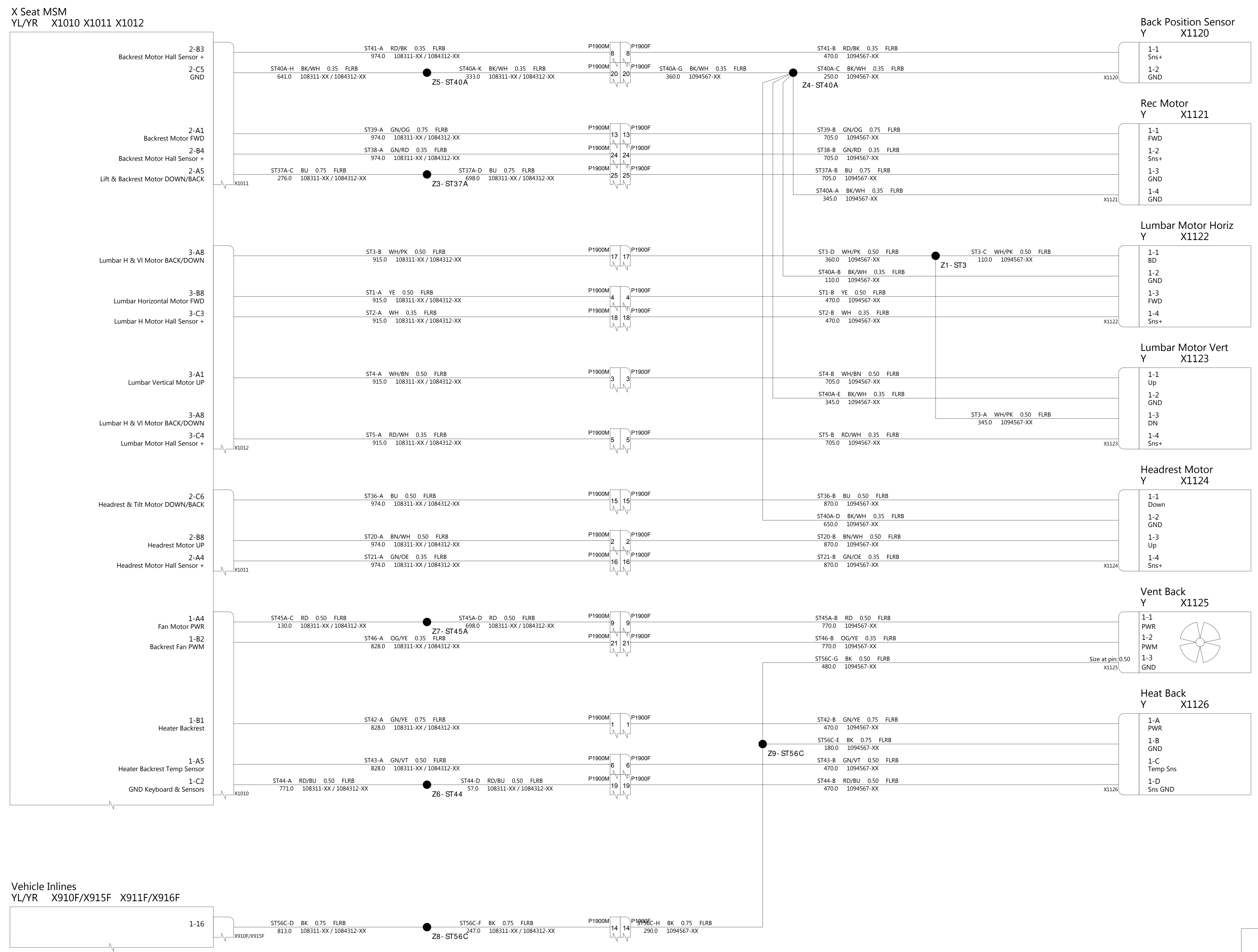


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DRAWN	CHECKED	APPROVED
MATERIAL <b>AS SPECIFIED</b>	FINISHING <b>AS SPECIFIED</b>	SCALE <b>NONE</b>
PART NAME <b>Seats - Internal Front 1/2: Lower</b>		
PART NUMBER	REV <b>1</b>	SHEET <b>1 of 2</b>
	SIZE <b>AO</b>	

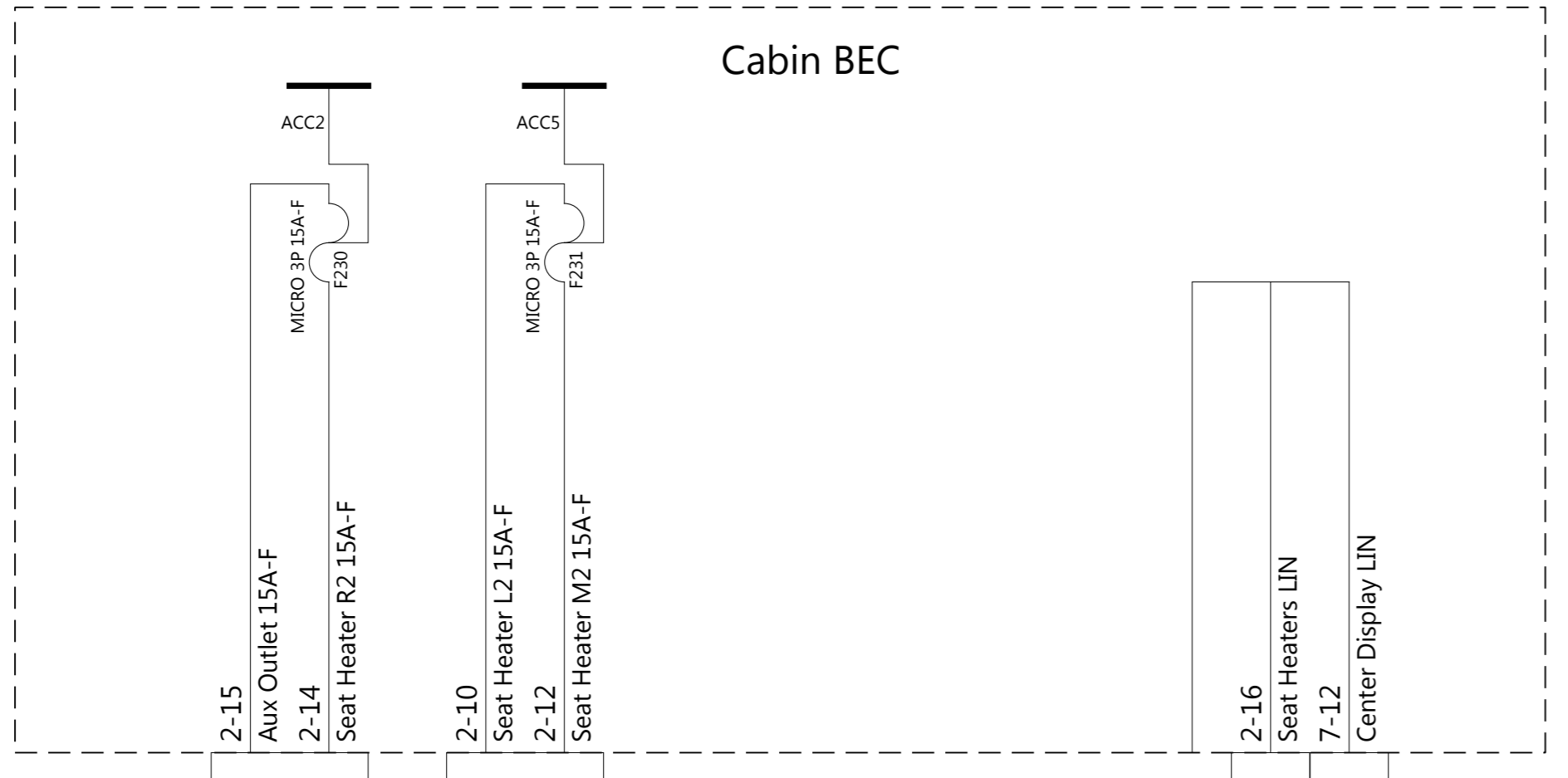
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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED		SCALE NONE
PART NAME Seats - Internal Front 2/2: Back		
PART NUMBER	REV 1	SHEET 2 OF 2
		SIZE AO



Z49-CLN04\_B

CLN04\_B-D BU/WH 0.35 FLY  
3610.0 3026643-XX,3004423-XX (M)

PAC17-A RD/WH 1.00 FLY  
3610.0 3026643-XX,3004423-XX (M)  
CLN04\_B-A BU/WH 0.35 FLY  
0.0 3026643-XX,3004423-XX (M)  
GDH10-A BK 1.00 FLY  
855.0 3026643-XX,3004423-XX (M)

PAC18-A RD/GY 1.00 FLY  
3610.0 3026643-XX,3004423-XX (M)  
CLN04\_B-B BU/WH 0.35 FLY  
0.0 3026643-XX,3004423-XX (M)  
GDH11-A BK 1.00 FLY  
855.0 3026643-XX,3004423-XX (M)

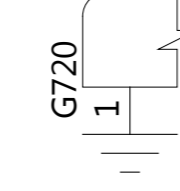
PAC20-A BU 1.00 FLY  
3610.0 3026643-XX,3004423-XX (M)  
CLN04\_B-C BU/WH 0.35 FLY  
0.0 3026643-XX,3004423-XX (M)  
GDH12-A BK 1.00 FLY  
855.0 3026643-XX,3004423-XX (M)

Seat Inline 2nd Row  
M X214M

1-1 Power  
1-2 LIN  
1-7 Ground

1-3 Power  
1-8 LIN  
1-9 Ground

1-4 Power  
1-11 LIN  
1-12 Ground



**TESLA**

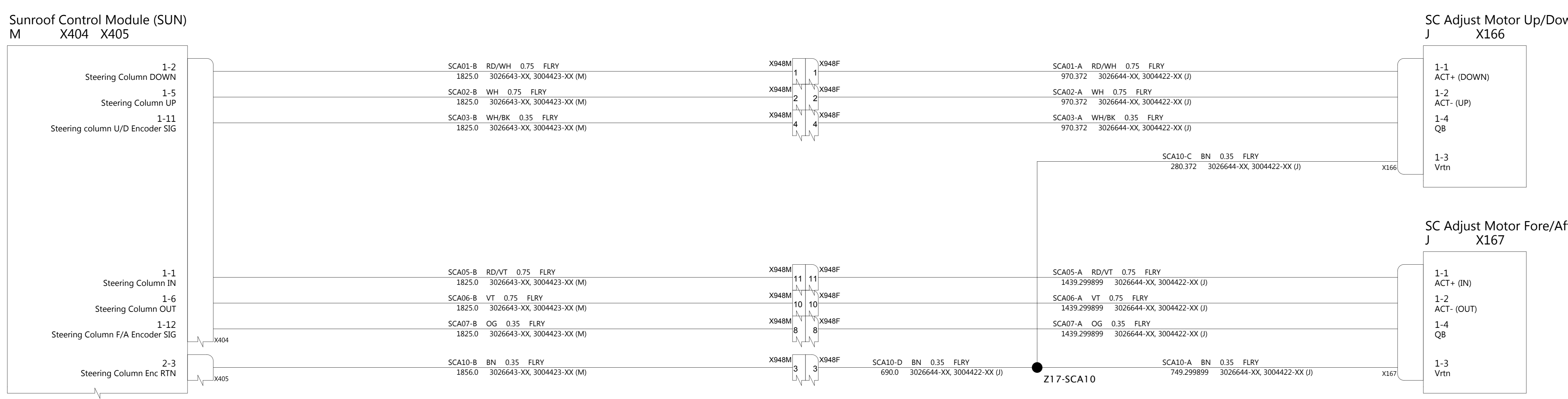
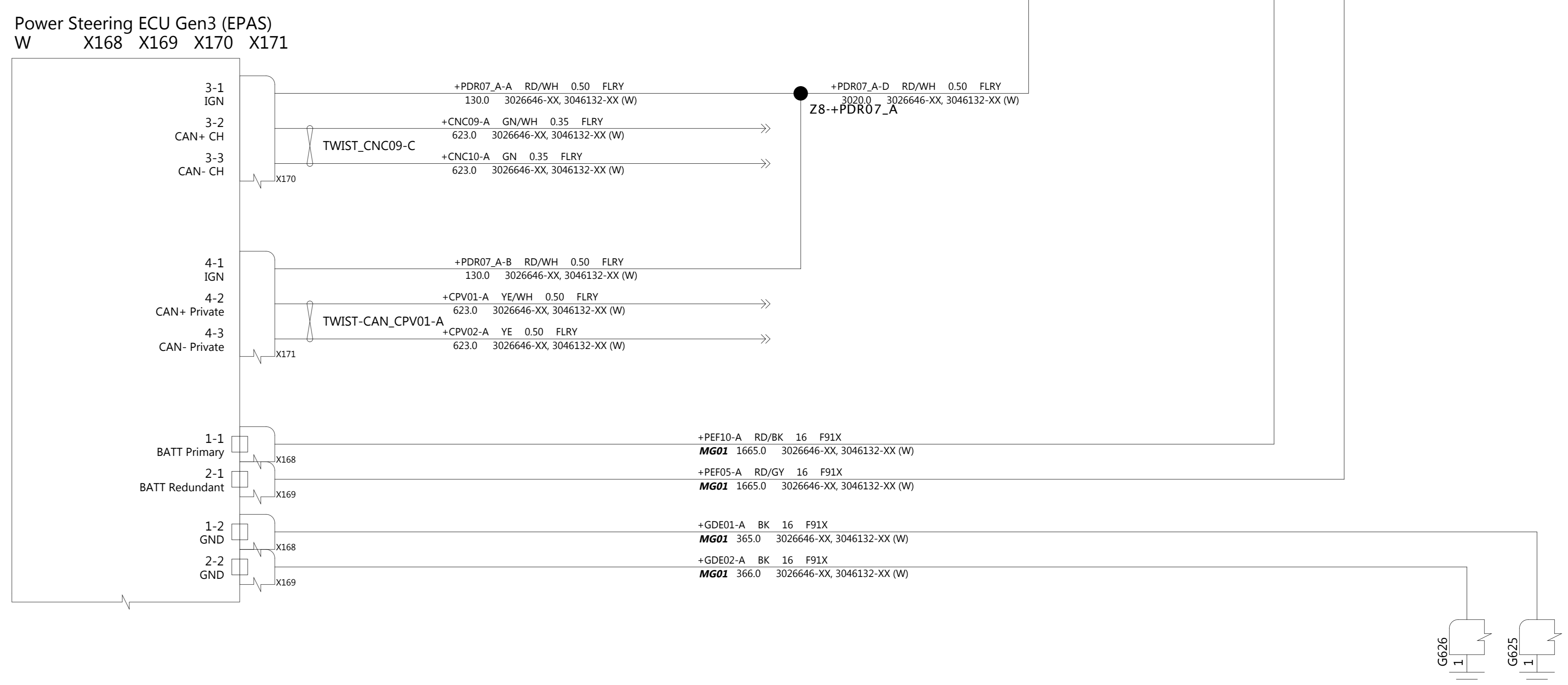
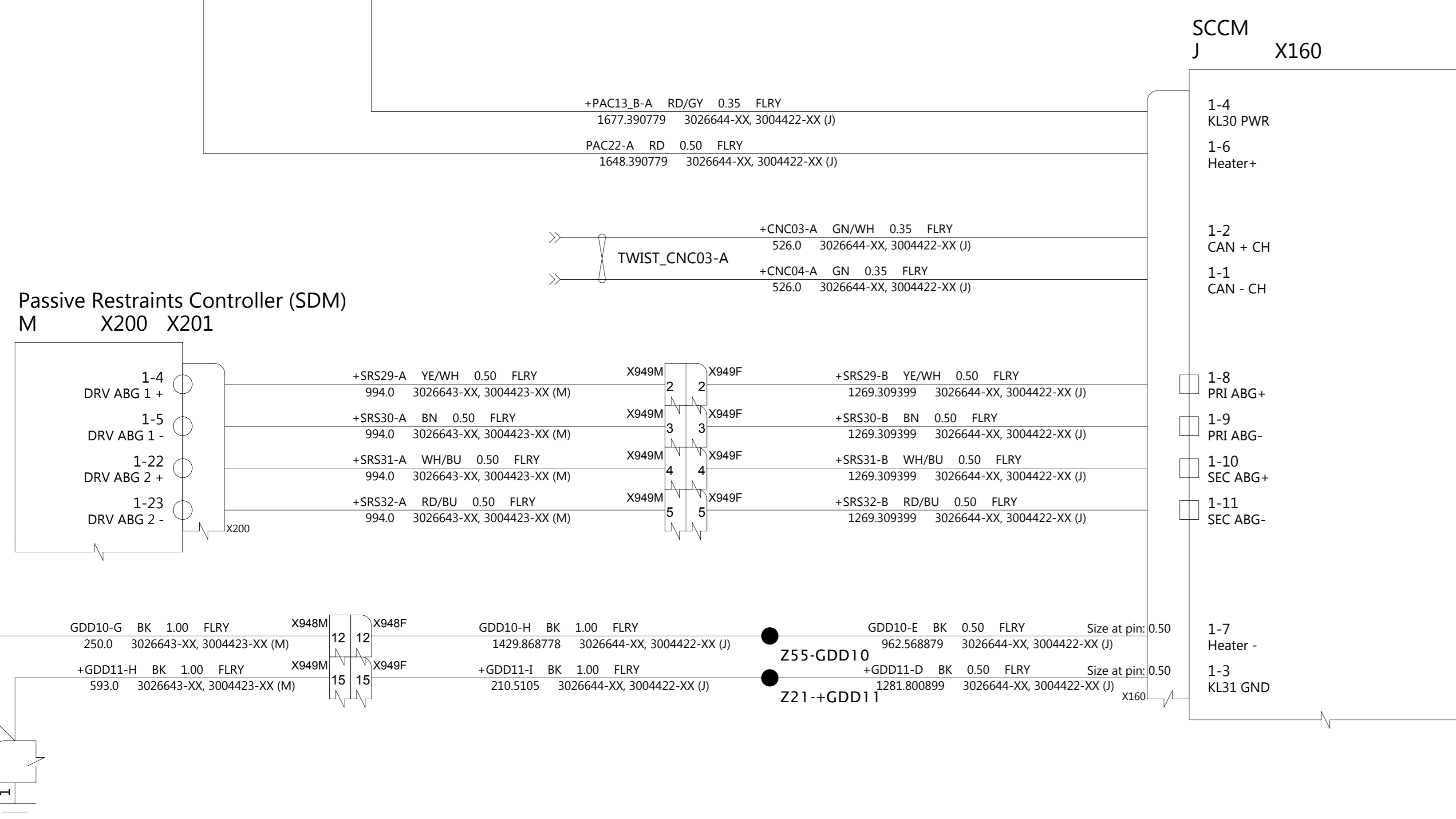
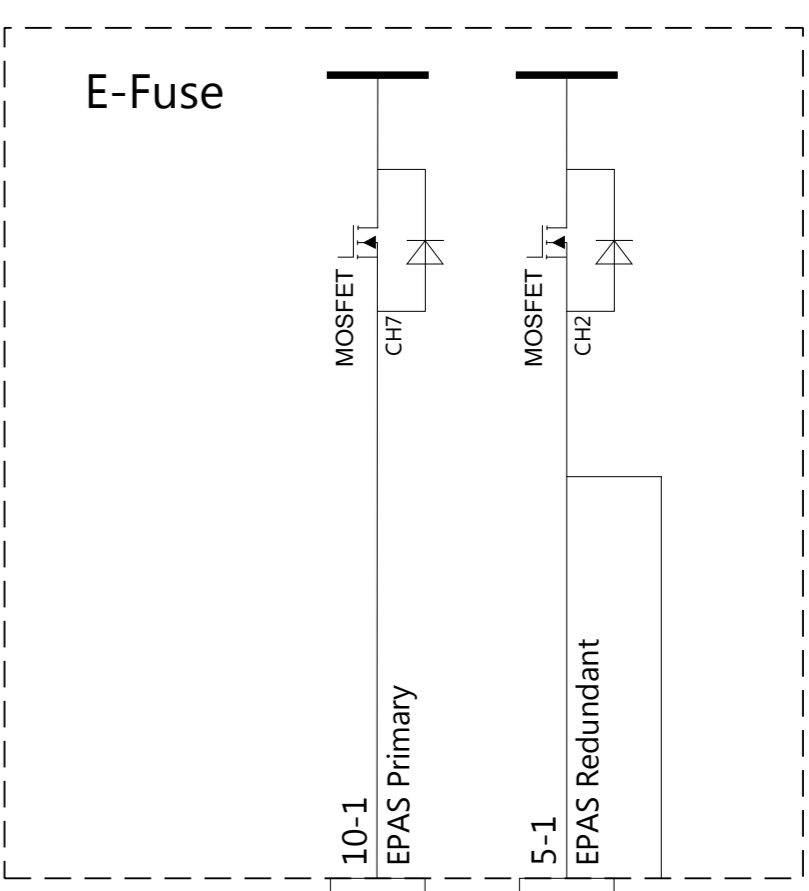
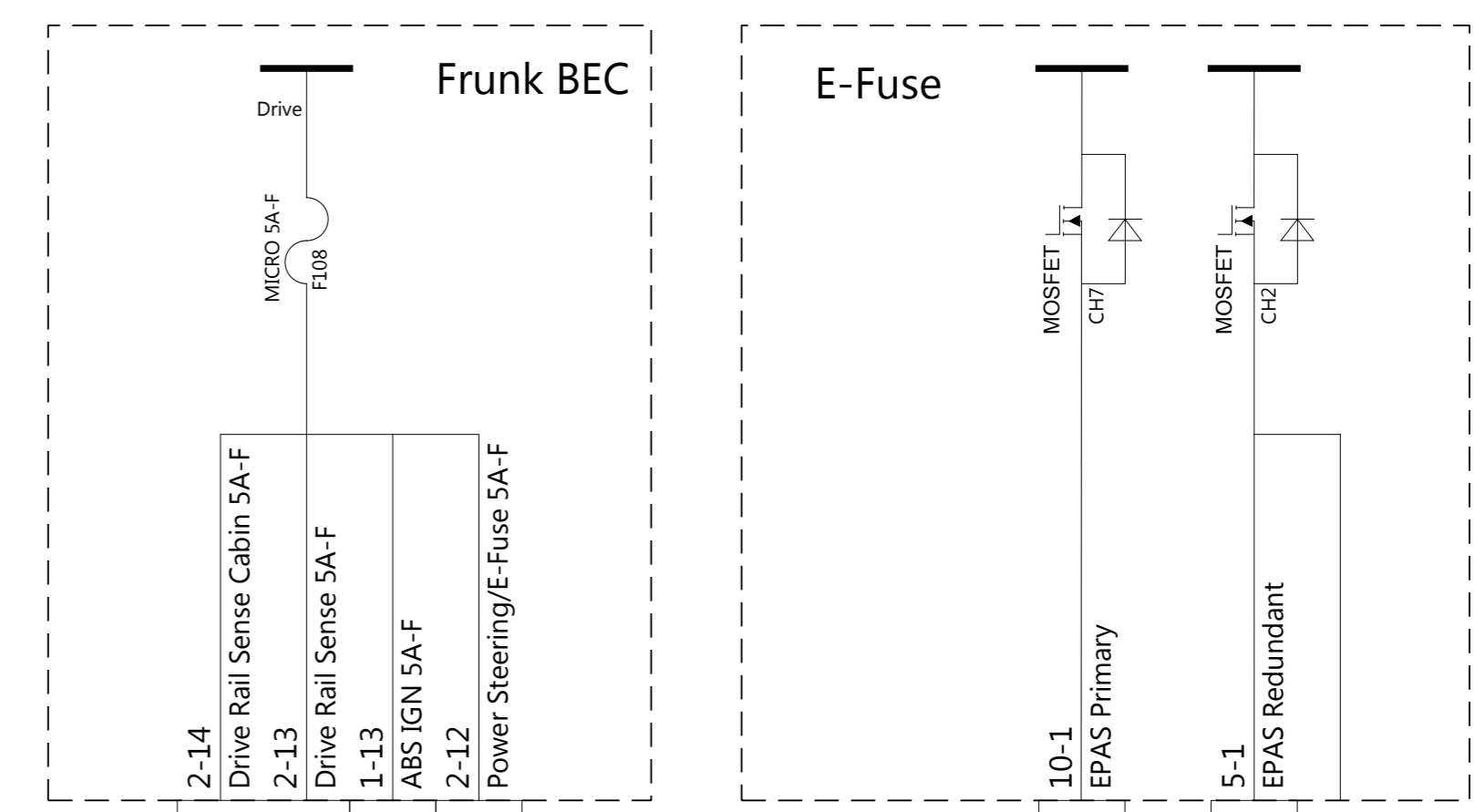
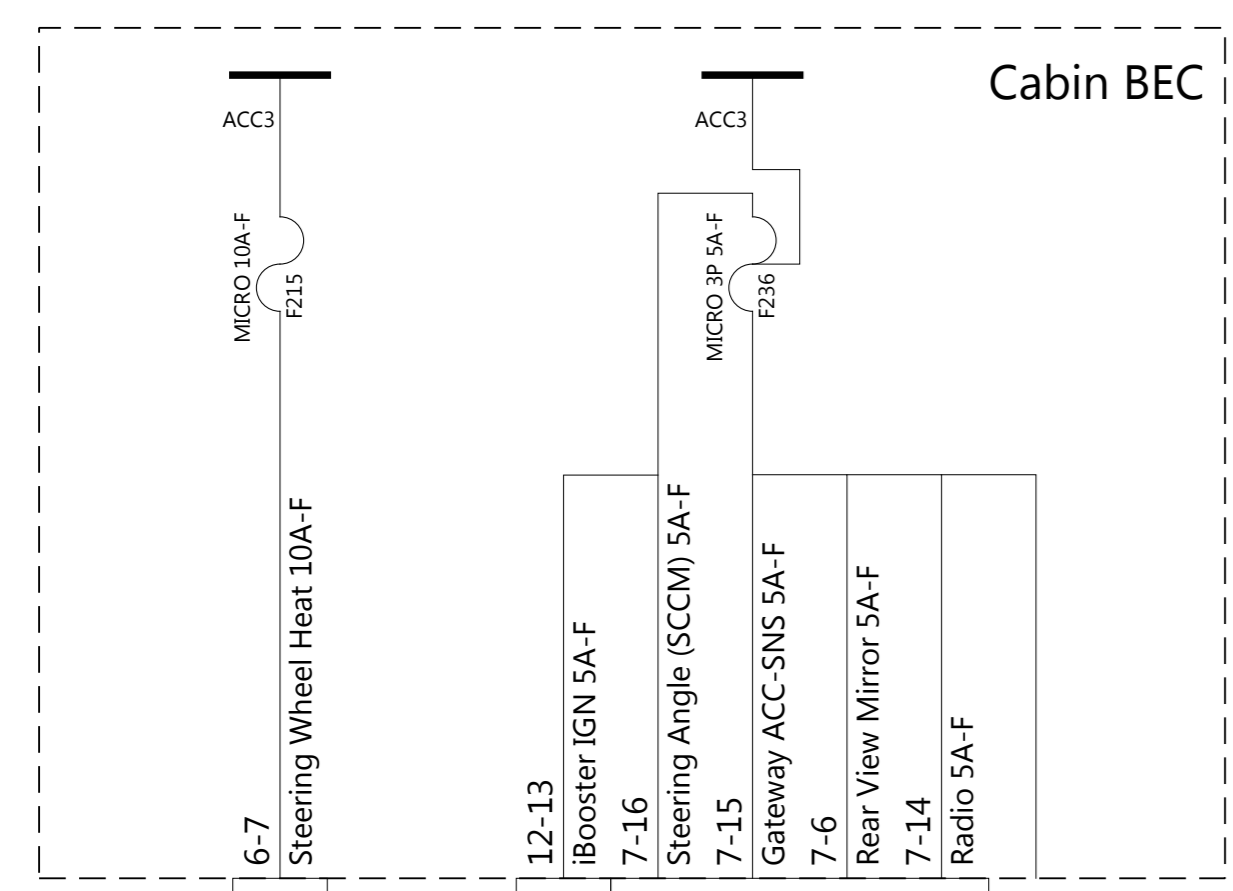
THE INFORMATION CONTAINED HEREIN IS DEEMED TO BE CONFIDENTIAL, PROPRIETARY AND A TRADE SECRET OF TESLA MOTORS. THIS INFORMATION MAY NOT BE USED, REPRODUCED, OR DISCLOSED AS THE DIRECT OR INDIRECT BASIS FOR THE DEVELOPMENT, MANUFACTURE, OR SALE OF PROCESSES OR PRODUCTS WITHOUT THE EXPRESS WRITTEN CONSENT OF TESLA MOTORS.

DRAWN	CHECKED	APPROVED

MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
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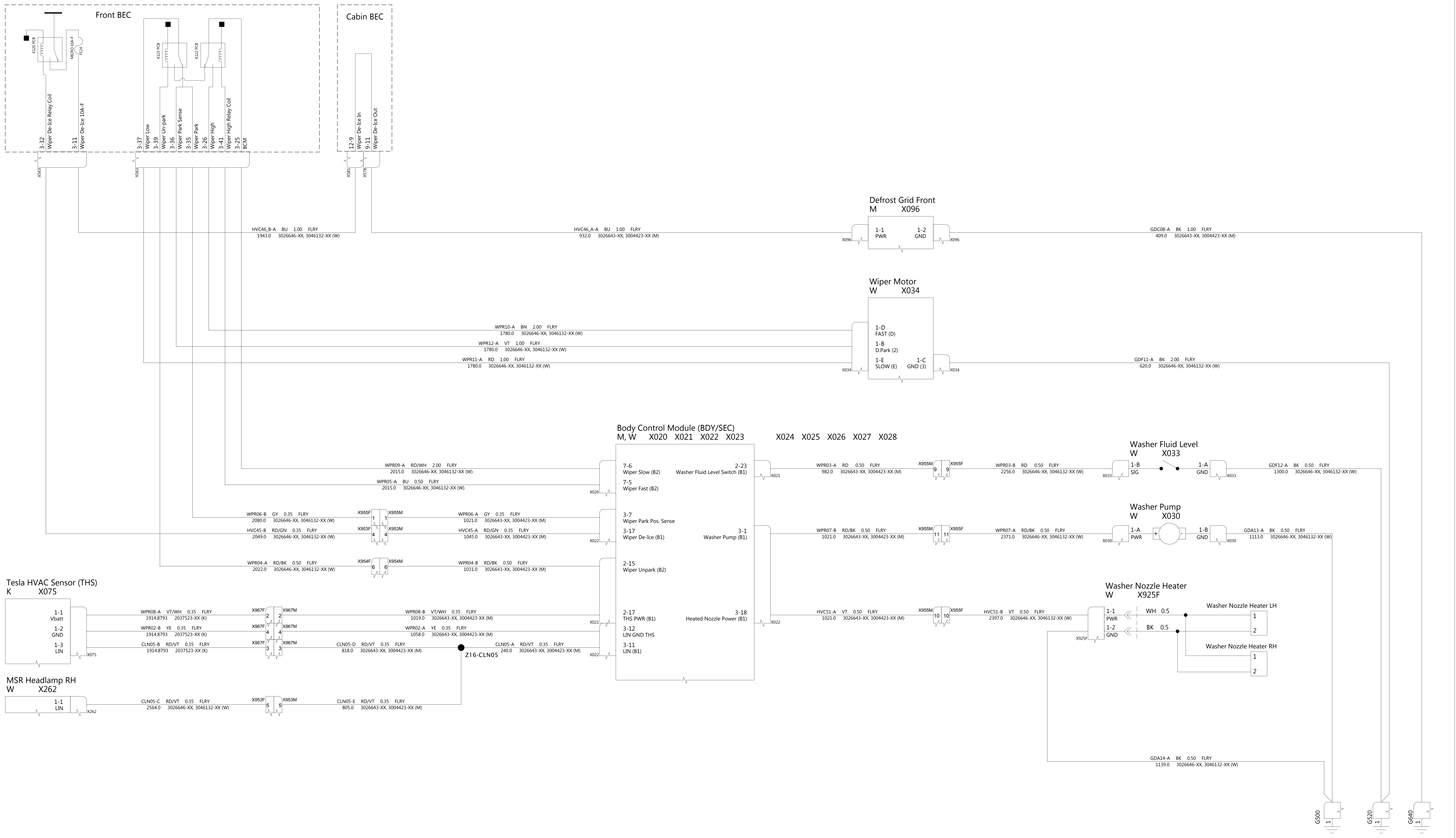
PART NAME  
Seats - Rear Interface

PART NUMBER	REV 1	SHEET 1 of 1	SIZE A0
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DRAWN	CHECKED	APPROVED	
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE	
PART NAME Steering Column / Controls / Power Steering			
PART NUMBER	REV 3	SHEET 1 of 1	SIZE A0

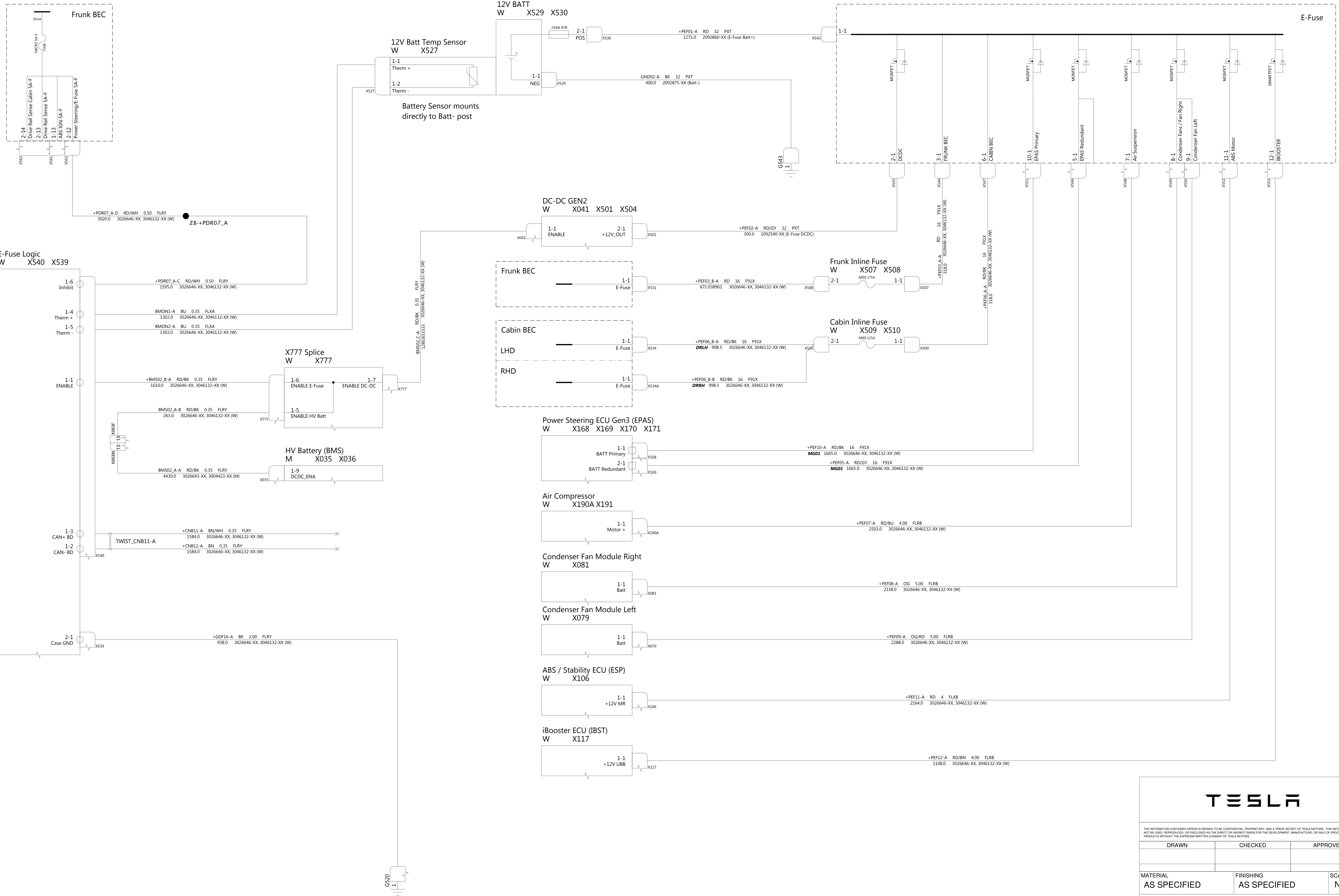




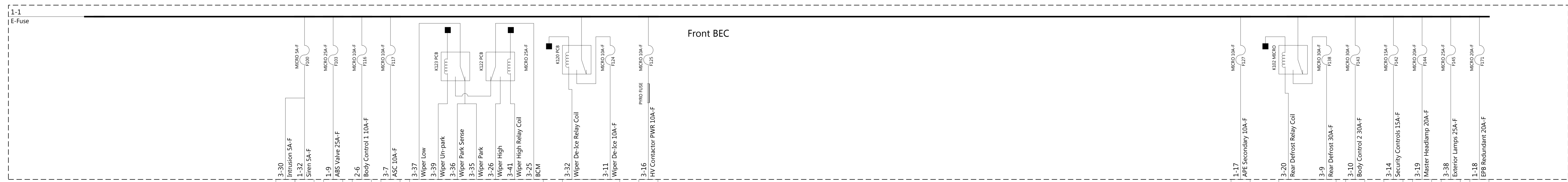
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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME Wiper/Washer and HVAC Sensor		
PART NUMBER	REV 3	SHEET 1 of 1
		SIZE A0



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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME Power Distribution - E-Fuse		
PART NUMBER	REV 1	SHEET 1 of 1
		SIZE A0



**CJB Passthrough Intrusion Sensor**  
X570 X571 X572 X573 X574 X575 X576 X577 X578 X579 X580 X581



**Siren Module**  
W X487



**ABS / Stability ECU (ESP)**  
W X106



**Body Control Module (BDY/SEC)**  
M, W X020 X021 X022 X023 X024 X025 X026 X027 X028



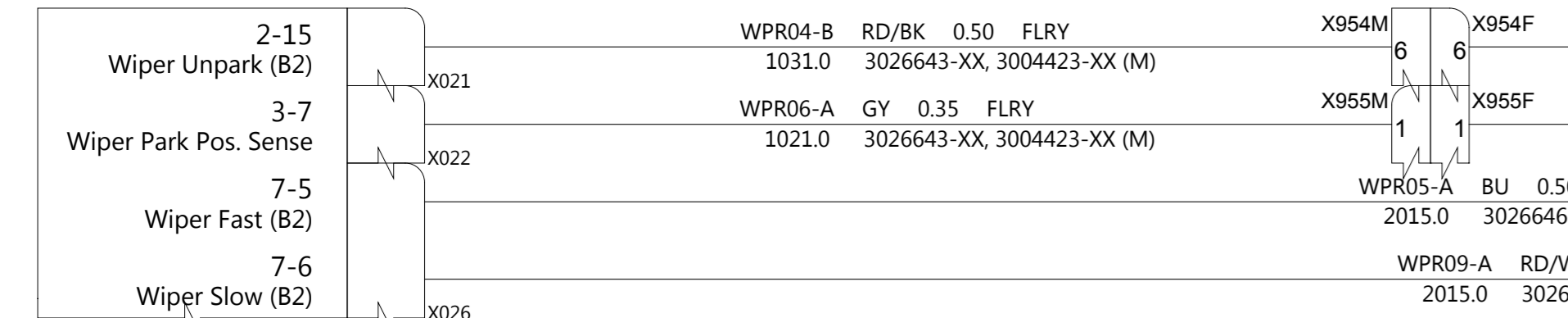
**TAS**  
Tesla Air Suspension Controller (TAS)  
W X180A X181A



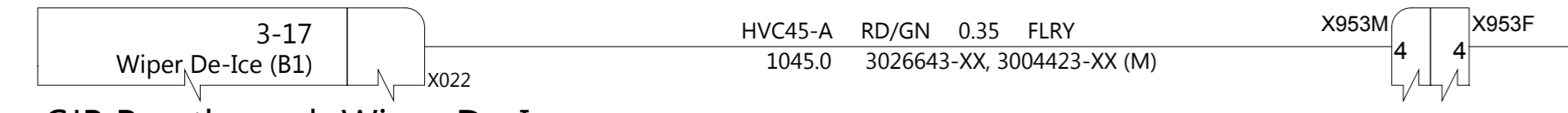
**Wiper Motor**  
W X034



**Body Control Module (BDY/SEC)**  
M, W X020 X021 X022 X023 X024 X025 X026 X027 X028



**Body Control Module (BDY/SEC)**  
M, W X020 X021 X022 X023 X024 X025 X026 X027 X028



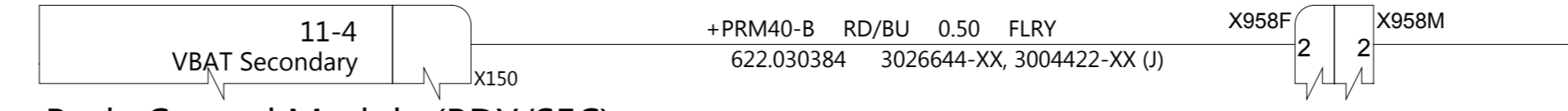
**CJB Passthrough Wiper De-Ice**  
X570 X571 X572 X573 X574 X575 X576 X577 X578 X579 X580 X581



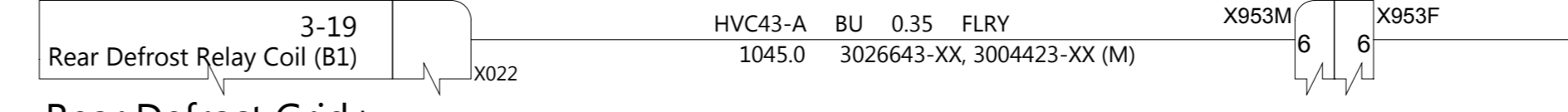
**First Responder Cutloop**  
W X535 X536



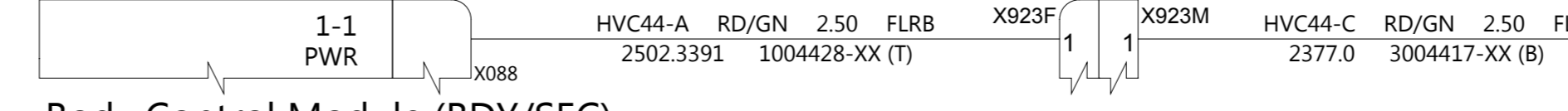
**AutoPilot ECU (DAS)**  
J X149 X865 X866 X872 X873 X801A X833 X834 X835 X836 X150



**Body Control Module (BDY/SEC)**  
M, W X020 X021 X022 X023 X024 X025 X026 X027 X028



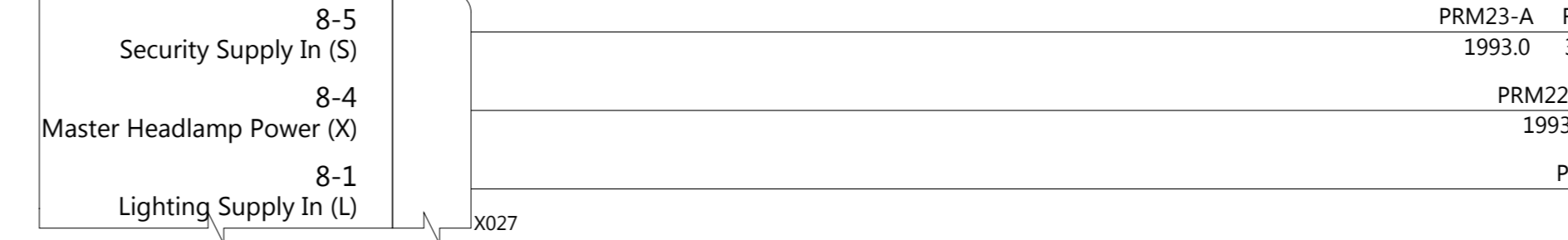
**Rear Defrost Grid+**  
T X088



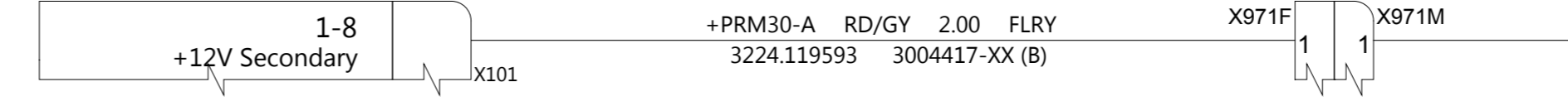
**Body Control Module (BDY/SEC)**  
M, W X020 X021 X022 X023 X024 X025 X026 X027 X028



**Body Control Module (BDY/SEC)**  
M, W X020 X021 X022 X023 X024 X025 X026 X027 X028



**EPB ECU**  
B X101 X102



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DRAWN	CHECKED	APPROVED

MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE

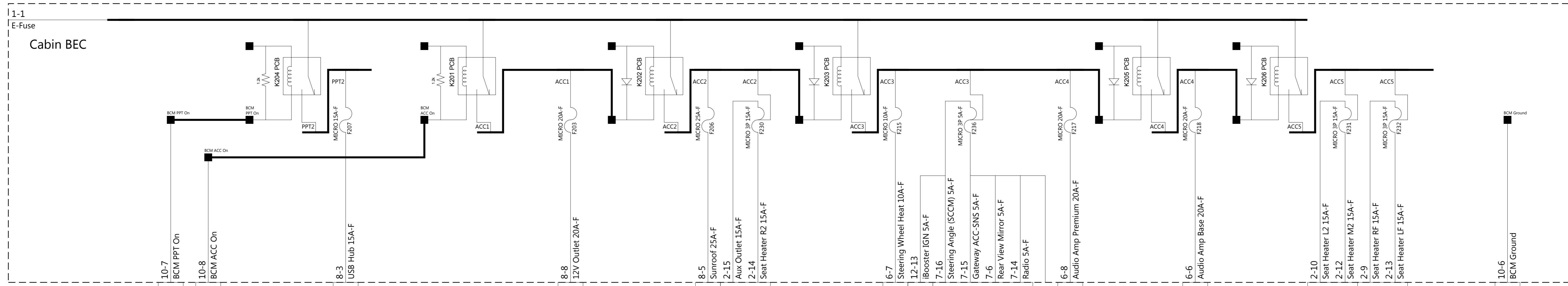
PART NAME  
**Frunk BEC 1/2 - Permanent**

PART NUMBER	REV	SHEET	SIZE
	3	1 of 2	A0

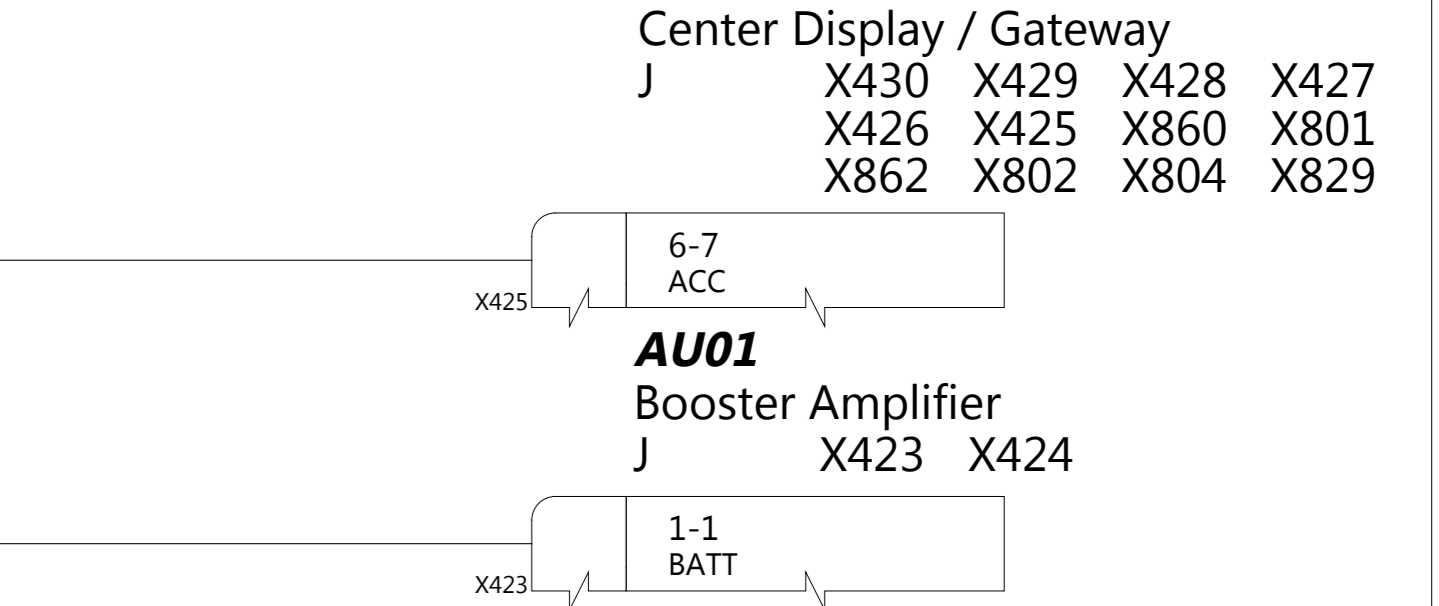
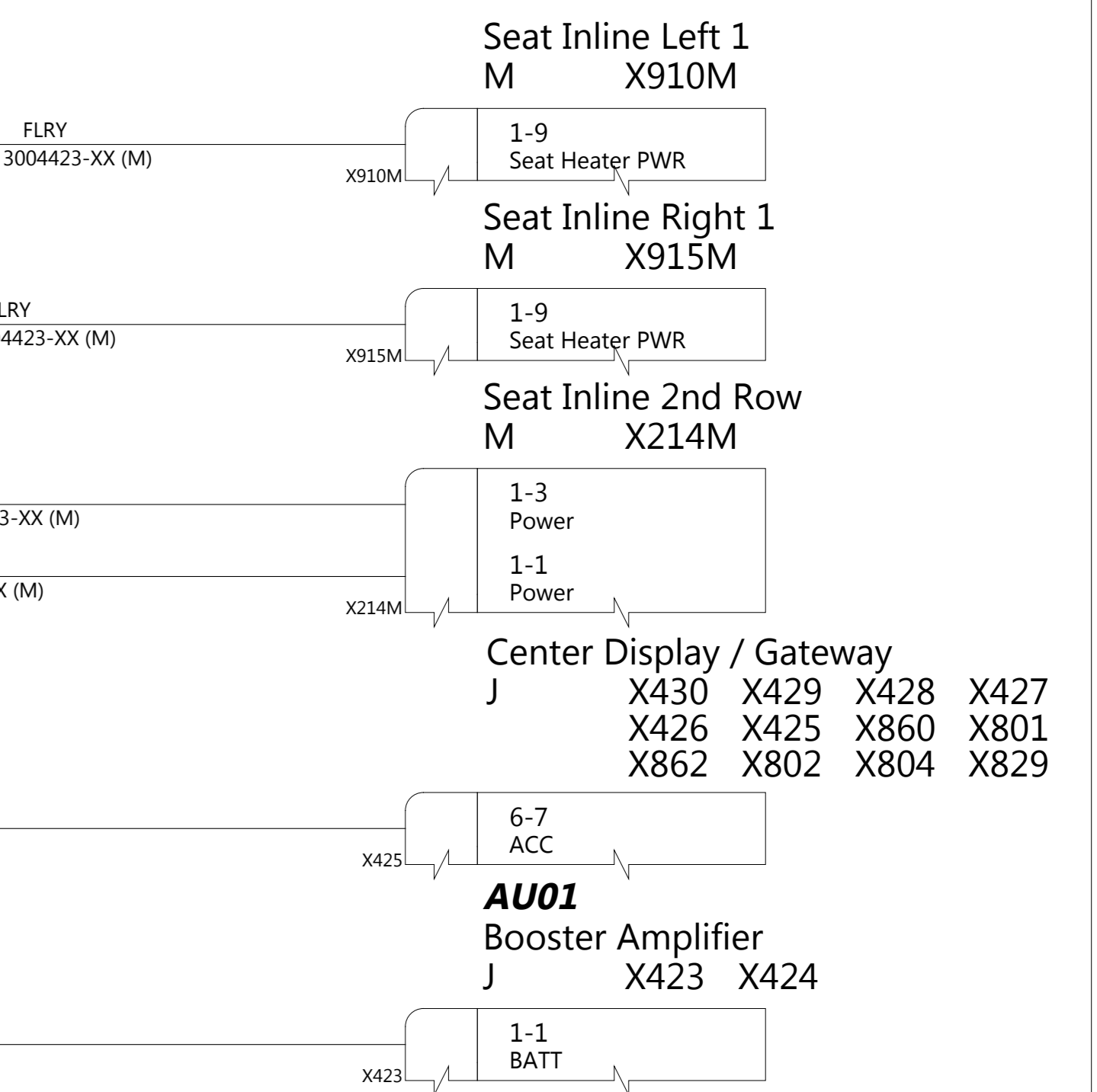
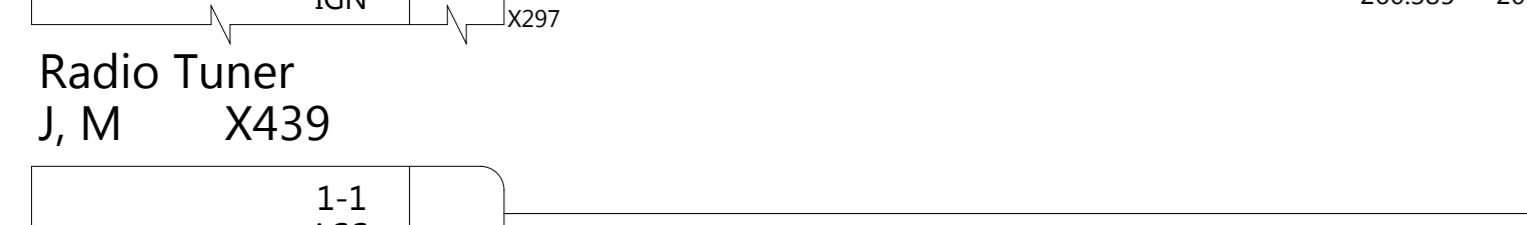
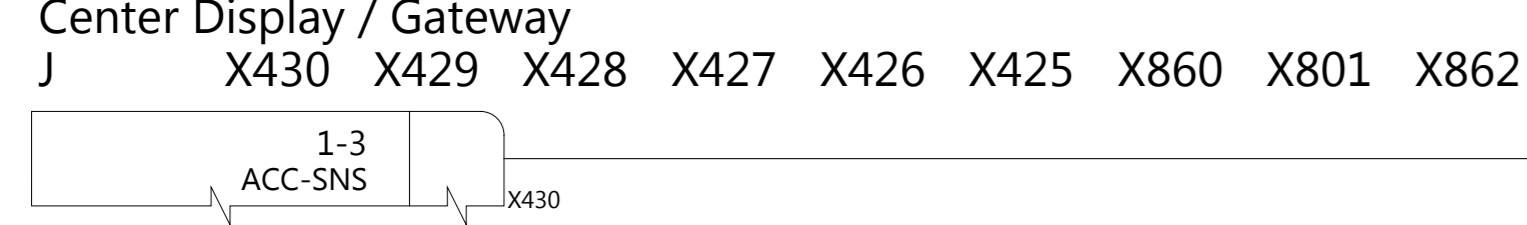
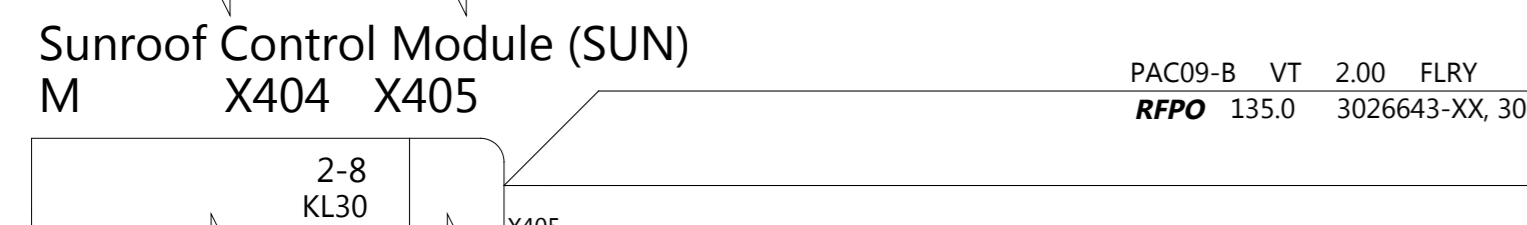
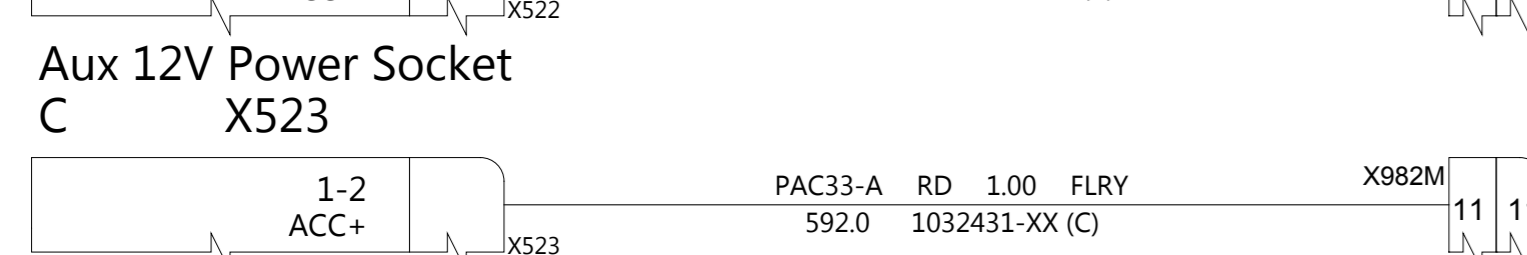
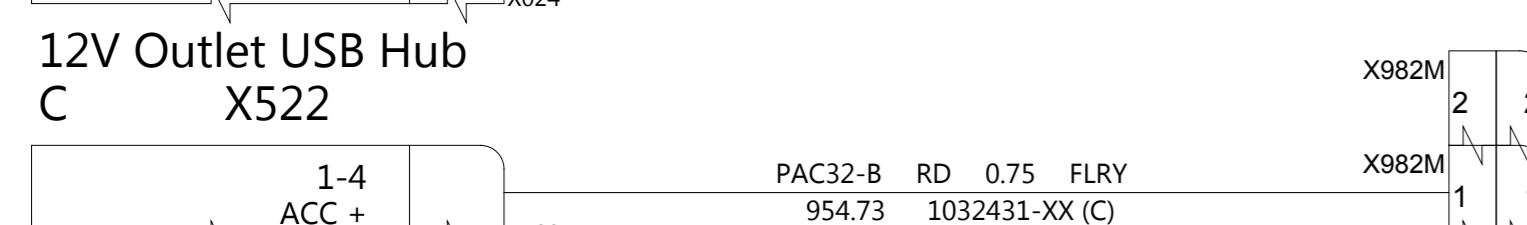
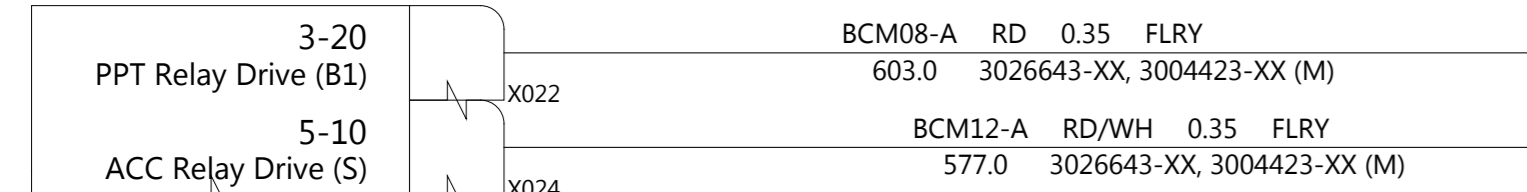




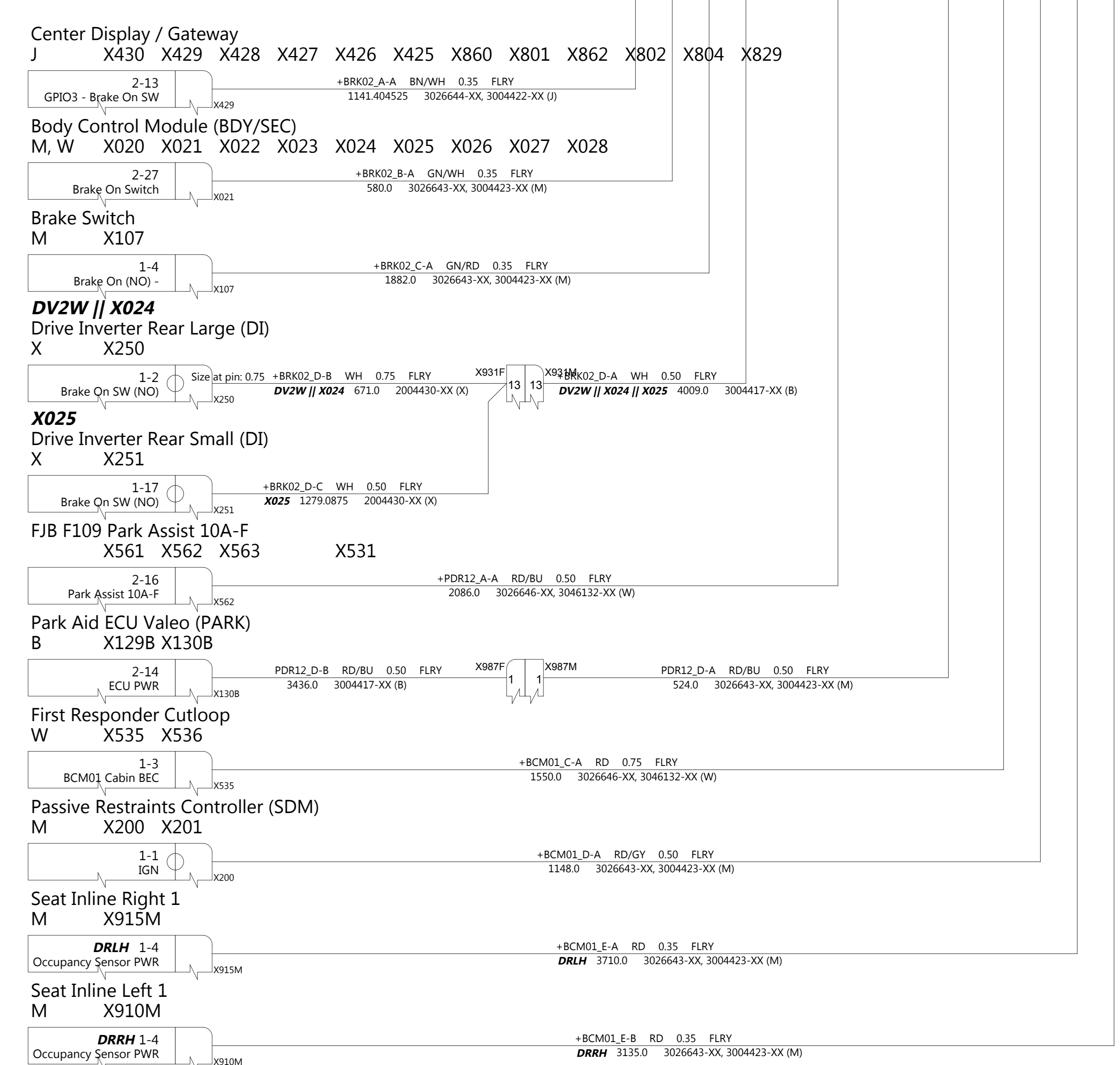
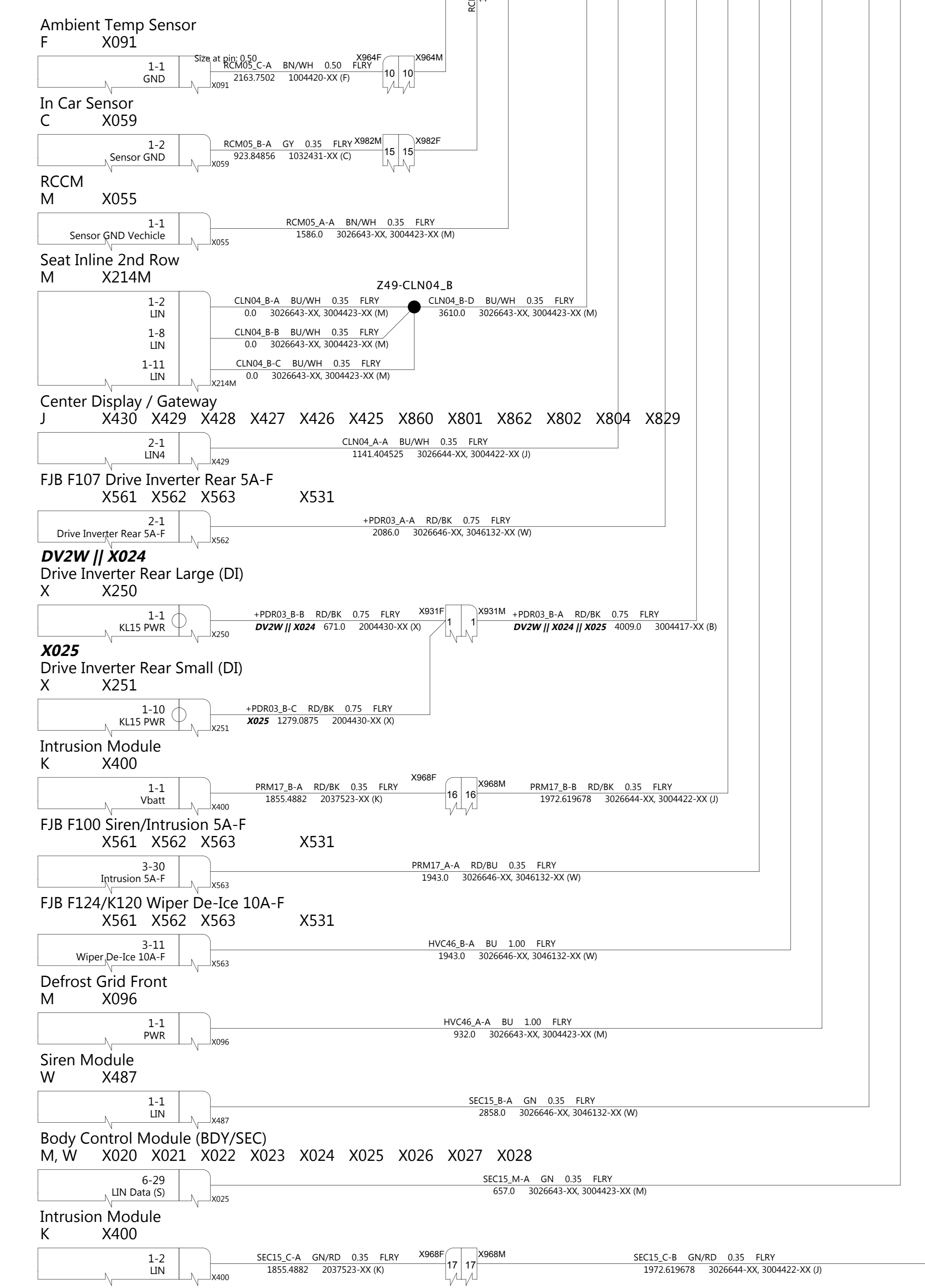
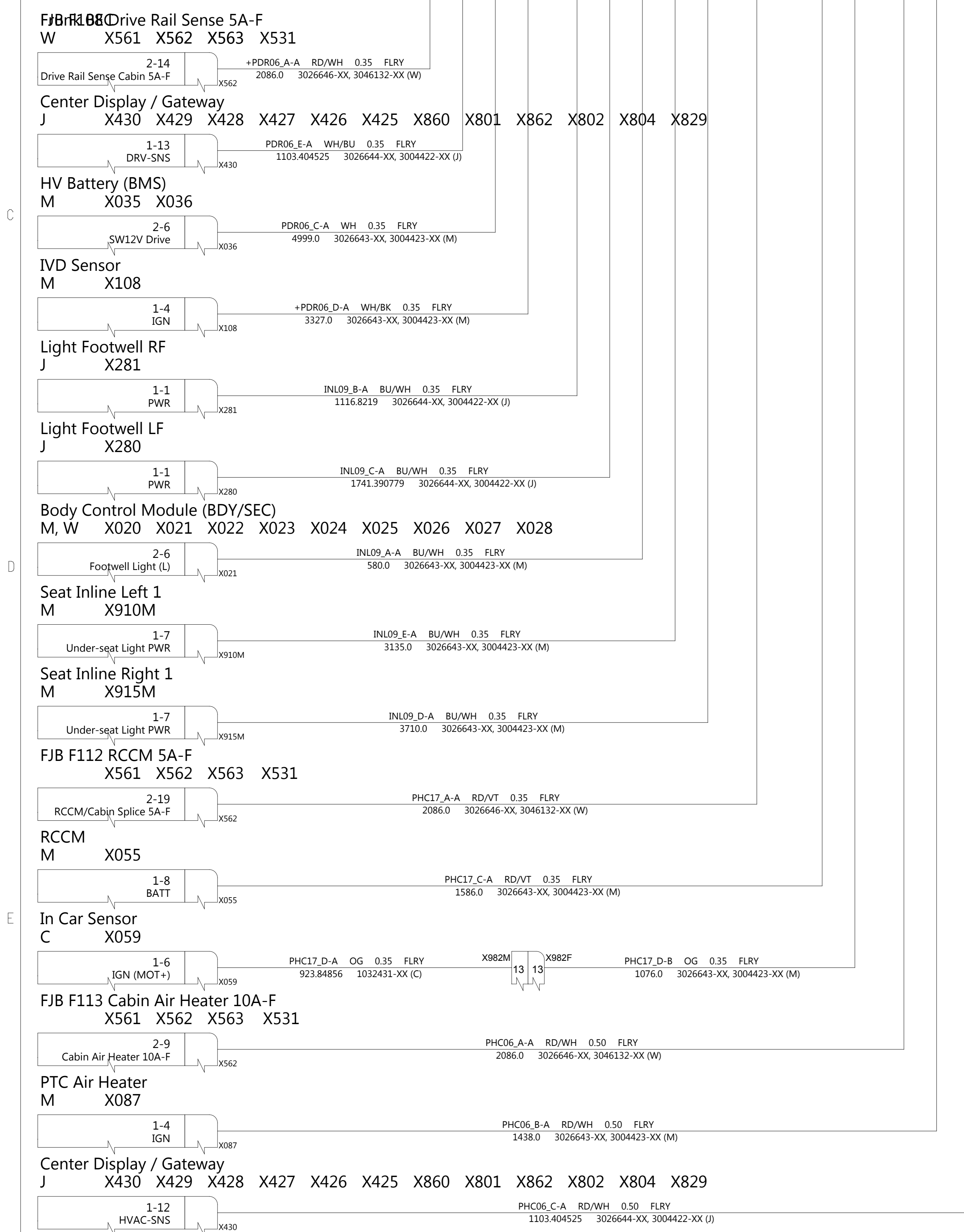
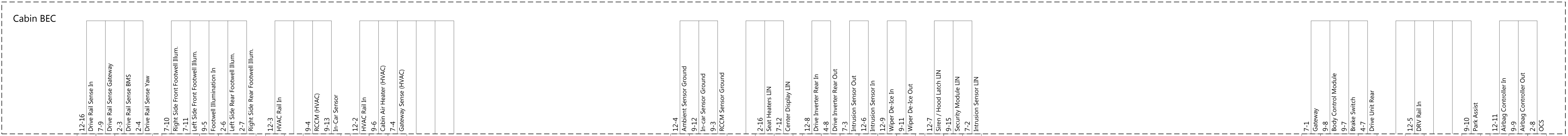




**Body Control Module (BDY/SEC)**  
M, W X020 X021 X022 X023 X024 X025 X026 X027 X028



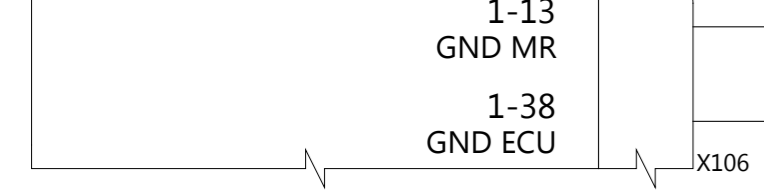
<b>TESLA</b>		
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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME Cabin BEC 2/3 - Rails		
PART NUMBER	REV 3	SHEET 2 of 3
		SIZE A0



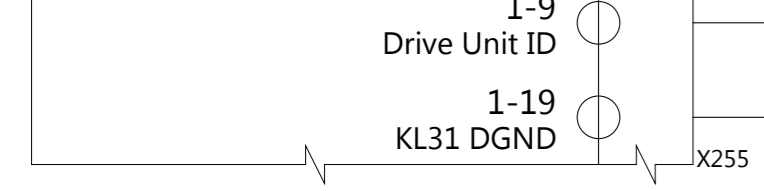
<b>TESLA</b>		
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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME Cabin BEC 3/3 - Splice, Passthrough		
PART NUMBER	REV 3	SHEET 3 of 3
		SIZE A0



ABS / Stability ECU (ESP)  
W X106



Drive Inverter Front (DIS)  
W X255



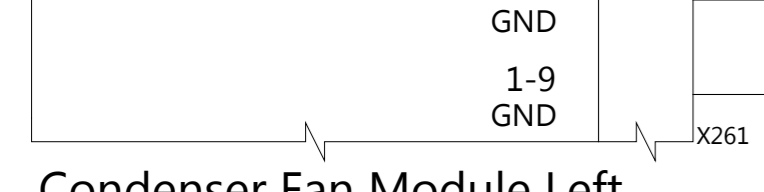
Coolant Pump PT1  
W X078A



Coolant Pump Batt2  
W X076



MSR Headlamp LH  
W X261



Condenser Fan Module Left  
W X079



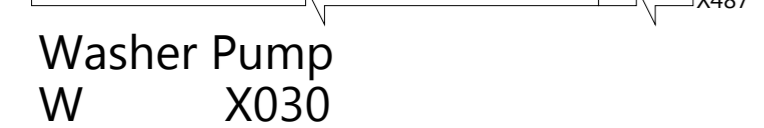
Four-way Valve  
W X073A



Chiller EXV  
W X072A



Siren Module  
W X487



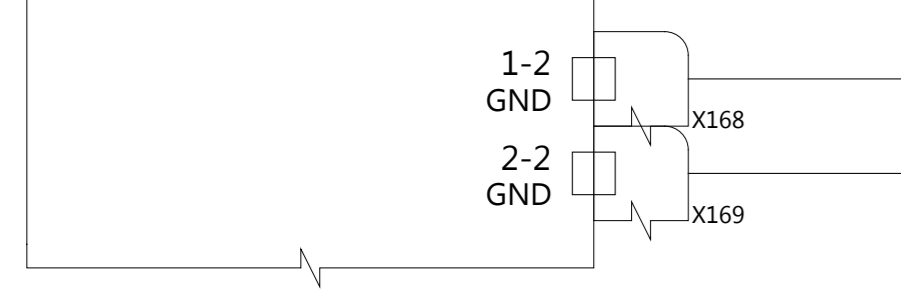
Washer Pump  
W X030



Washer Nozzle Heater  
W X925F



Power Steering ECU Gen3 (EPAS)  
W X168 X169 X170 X171



+GDA01-A BK 4 FLXB  
1048.0 3026646-XX, 3046132-XX (W)  
+GDA02-A BK 1.50 FFLRY  
1048.0 3026646-XX, 3046132-XX (W)

+GDA03-A BK 0.50 FFLRY  
DV4W 523.0 3026646-XX, 3046132-XX (W)  
+GDA04-A BK 0.50 FFLRY  
DV4W 523.0 3026646-XX, 3046132-XX (W)

GDA05-A BK 1.00 FFLRY  
628.0 3026646-XX, 3046132-XX (W)

GDA06-A BK 1.00 FFLRY  
1097.0 3026646-XX, 3046132-XX (W)

GDA07-A BK 1.00 FFLRY  
0.0 3026646-XX, 3046132-XX (W)  
GDA07-B BK 1.00 FFLRY  
0.0 3026646-XX, 3046132-XX (W)  
Z91-GDA07 1341.0 3026646-XX, 3046132-XX (W)

GDA09-A BK 5.00 FLRB  
1172.0 3026646-XX, 3046132-XX (W)

GDA10-A BK 0.35 FFLRY  
892.0 3026646-XX, 3046132-XX (W)

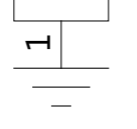
GDA11-A BK 0.50 FFLRY  
960.75 3026646-XX, 3046132-XX (W)

GDA12-A BK 0.35 FFLRY  
931.0 3026646-XX, 3046132-XX (W)

GDA13-A BK 0.50 FFLRY  
1113.0 3026646-XX, 3046132-XX (W)

GDA14-A BK 0.50 FFLRY  
1139.0 3026646-XX, 3046132-XX (W)

G500



G510

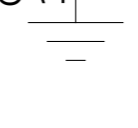


+GDB01-A BK 0.50 FFLRY  
346.0 3026646-XX, 3046132-XX (W)  
+GDB01-B BK 0.35 FFLRY  
324.957 2035338-XX (L)  
+GDB01-C BK 0.50 FFLRY  
277.0 2035338-XX (L)  
+GDB01-D BK 0.35 FFLRY  
258.957 2035338-XX (L)  
+GDB01-E BK 0.50 FFLRY  
405.0739 2035338-XX (L)  
+GDB01-F BK 0.50 FFLRY  
1745.4992 1004420-XX (F)  
+GDB01-G BK 0.50 FFLRY  
2559.0782 1004420-XX (F)  
+GDB01-H BK 0.35 FFLRY  
HMLK 495.0739 2035338-XX (L)  
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1400.4992 1004420-XX (F)

G626



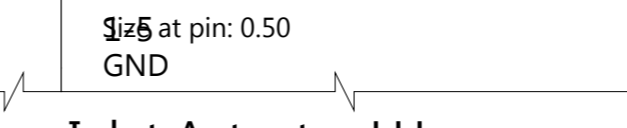
G625



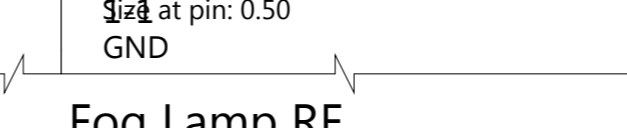
Inlet Actuator RH  
F X092



Fog Lamp LF  
F X265



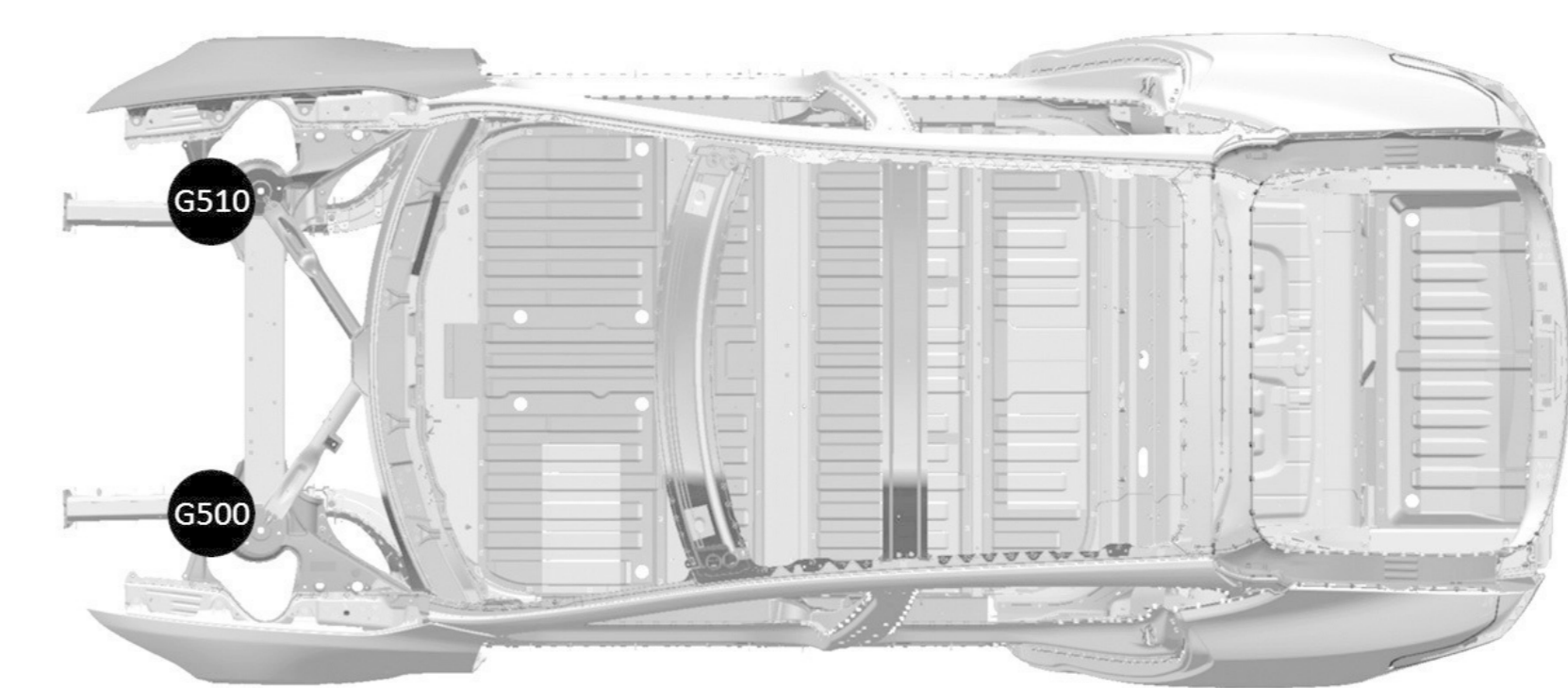
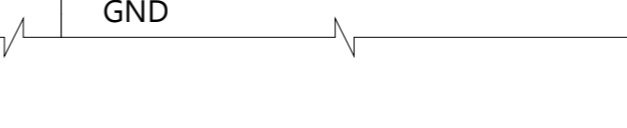
Inlet Actuator LH  
F X093



Fog Lamp RF  
F X266



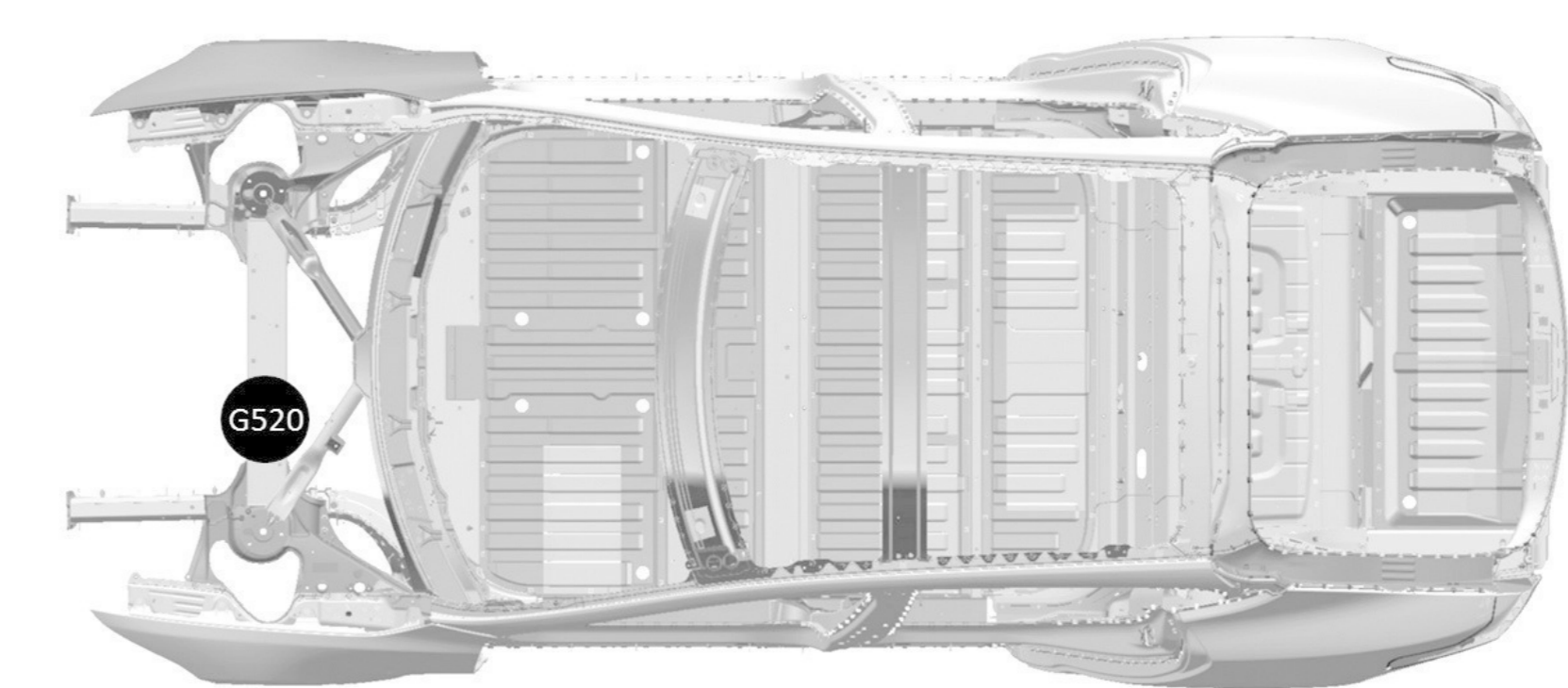
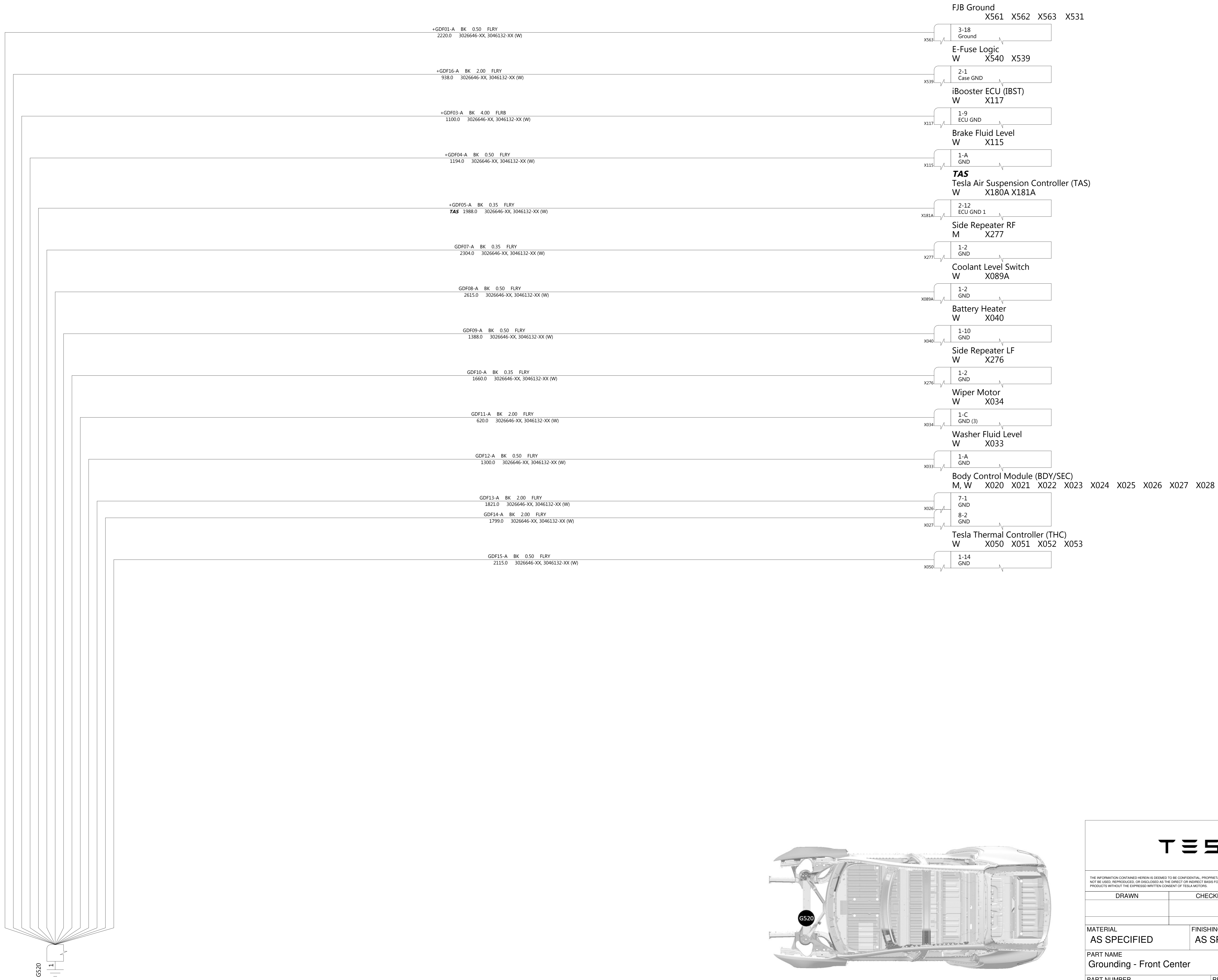
Air Quality Sensor  
F X099



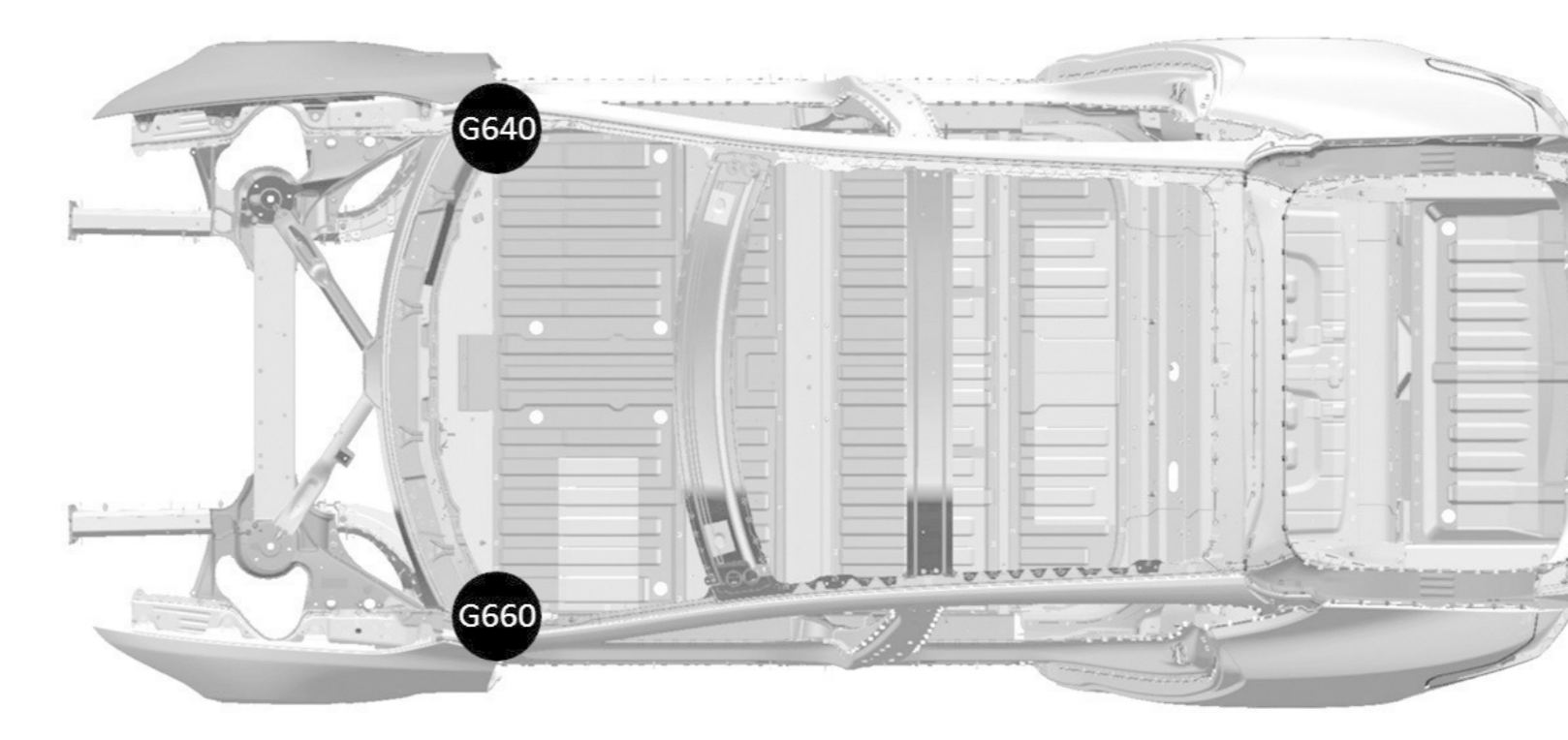
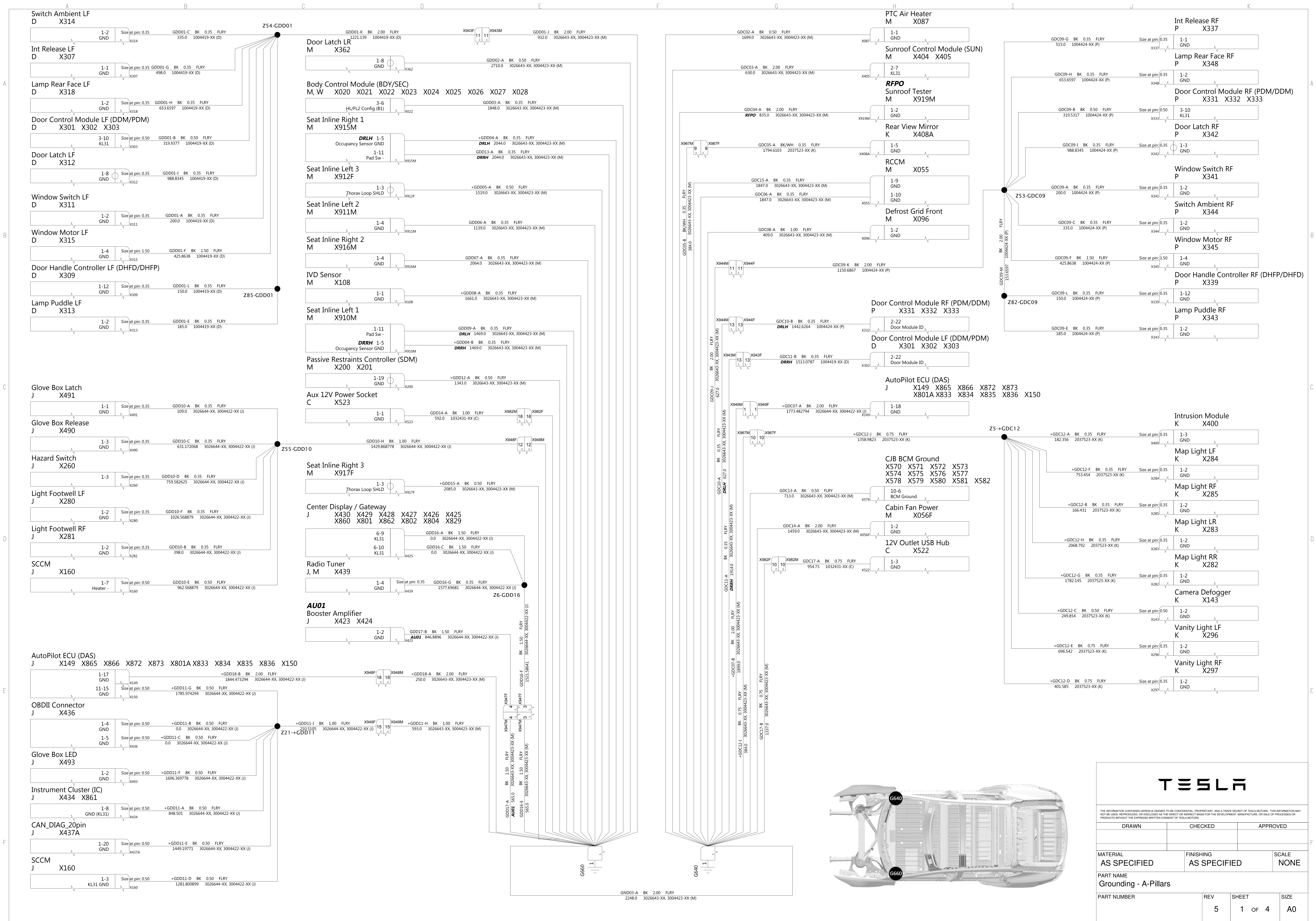
TESLA

DRAWN			CHECKED			APPROVED		
MATERIAL AS SPECIFIED			FINISHING AS SPECIFIED			SCALE NONE		
PART NAME Grounding - Front Left & Right								
PART NUMBER			REV 5	SHEET 3 of 4		SIZE A0		





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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME Grounding - Front Center		
PART NUMBER	REV 5	SHEET 2 of 4
		SIZE A0



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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME Grounding - A-Pillars		
PART NUMBER	REV	SHEET
	5	1 of 4
		SIZE A0

**CNCP**  
Charge Port ECU  
M X049

**EUNA CP**  
Charge Port AC/DC (CP)  
M X044

Tail Lamp Body LH  
M X270

Tailgate Int Rel SW  
M X388

Cargo Light RL  
M X290

**DV4W**  
Coolant Pump PT2  
M X259

HV Battery (BMS)  
M X035 X036

Seat Inline Left 1  
M X910M

Seat Inline Right 1  
M X915M

Seat Inline 2nd Row  
M X214M

Switch Ambient LR  
R X364

Lamp Rear Face LR  
R X367

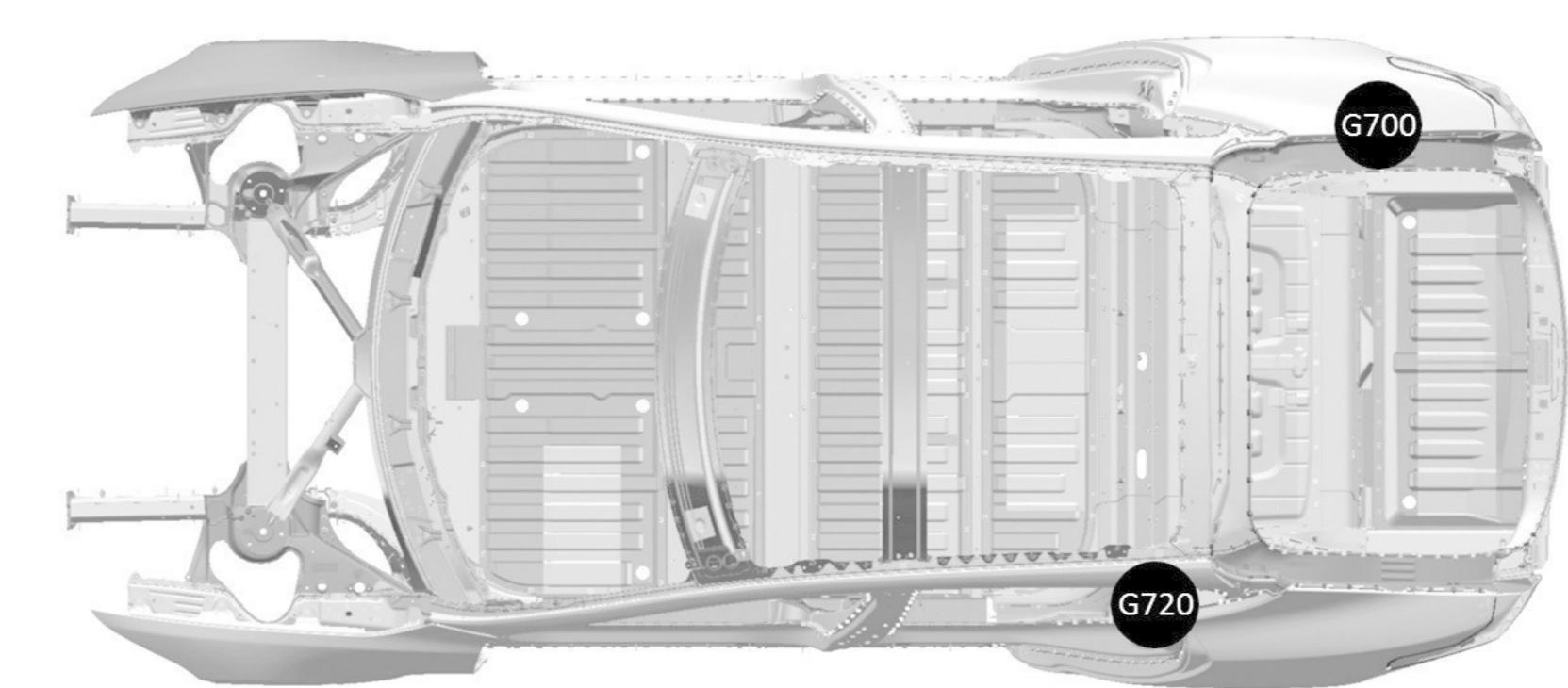
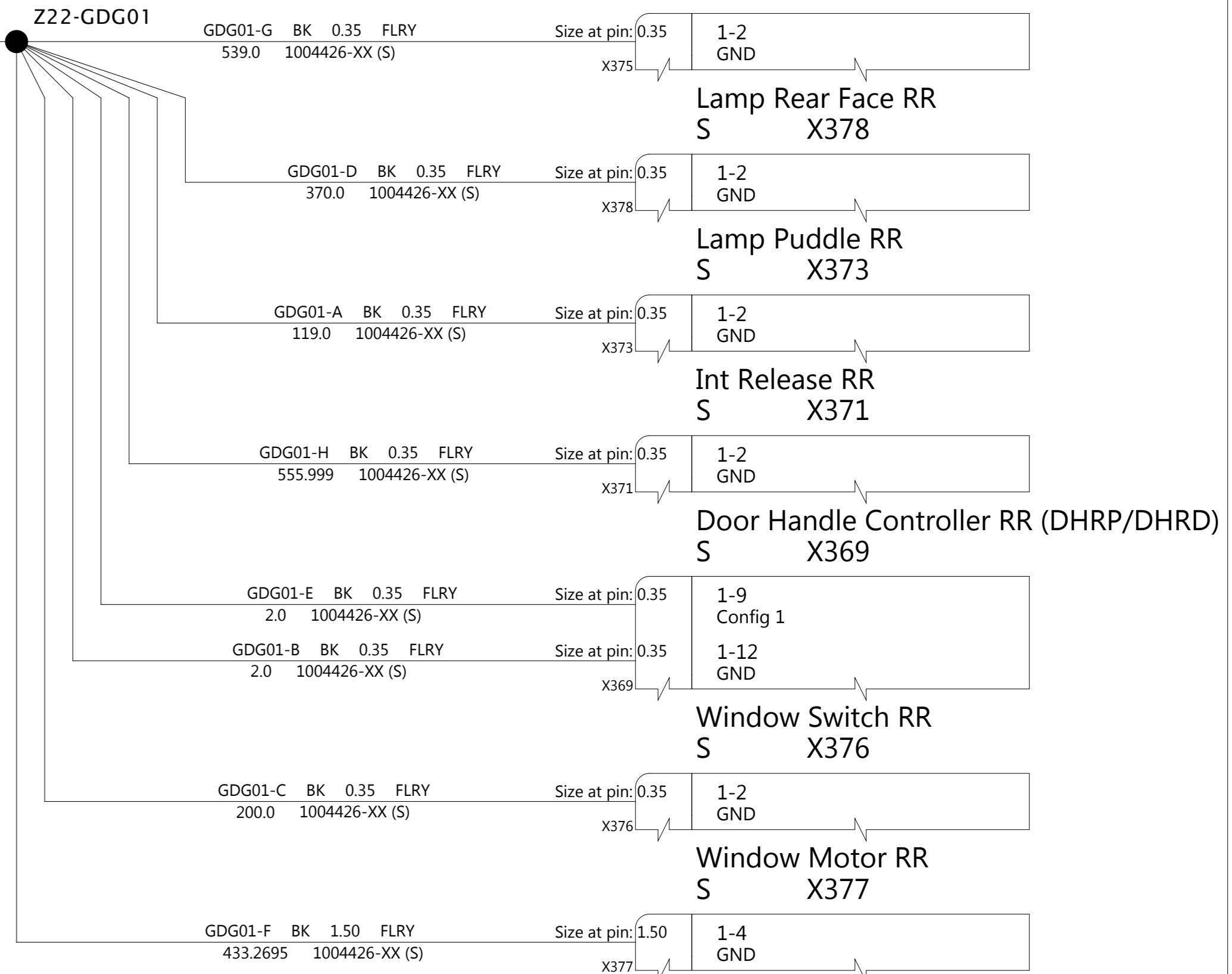
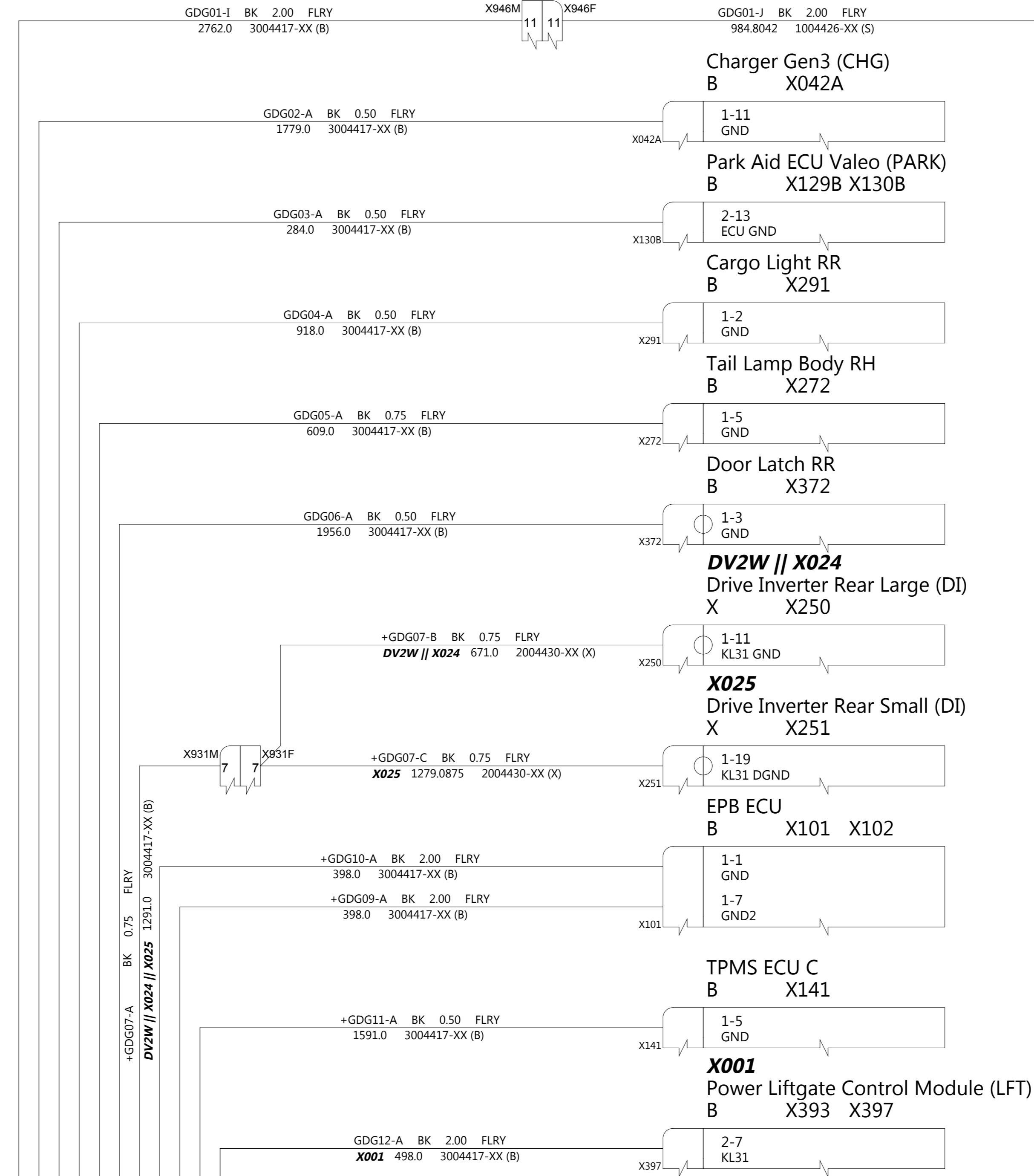
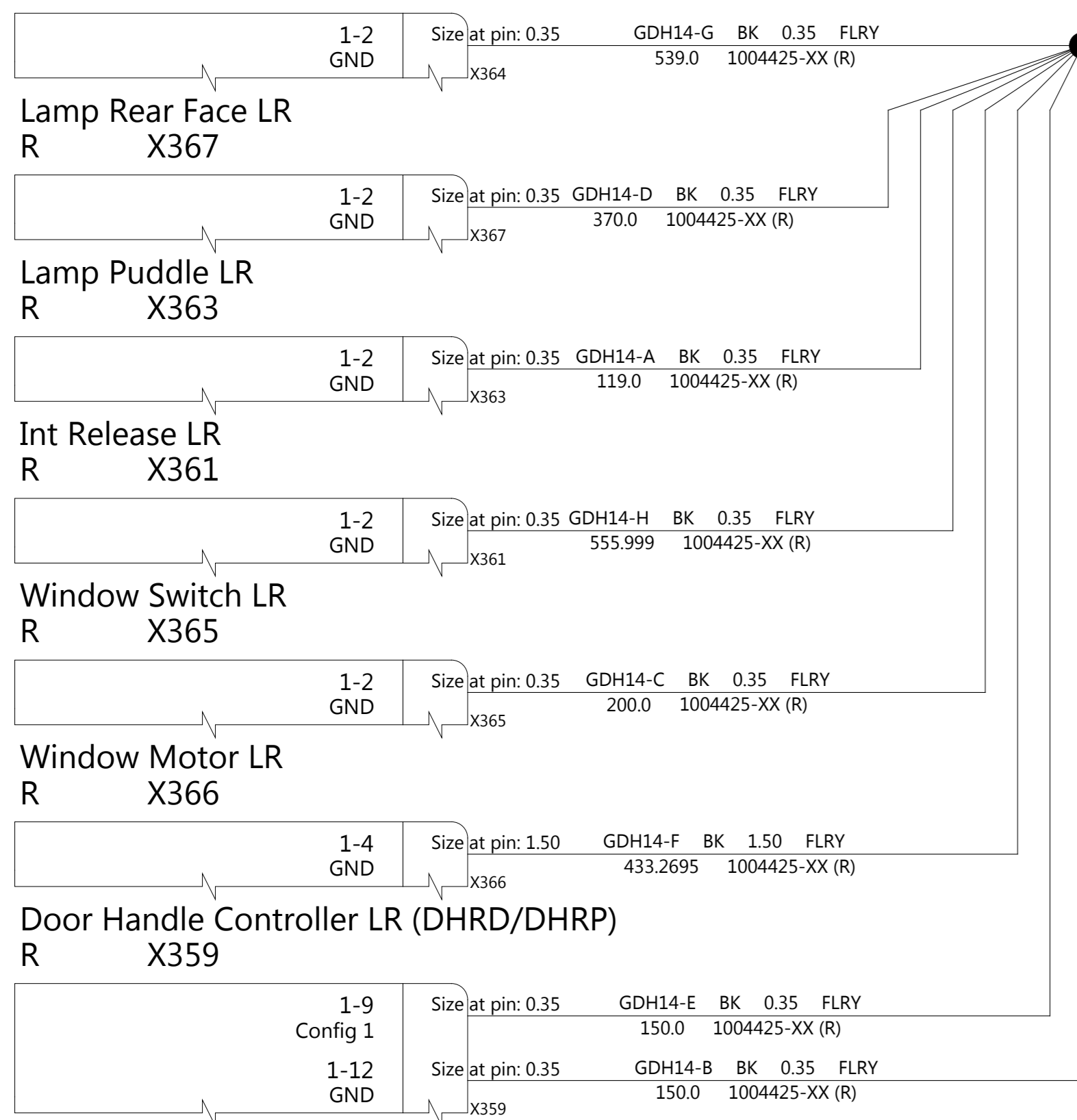
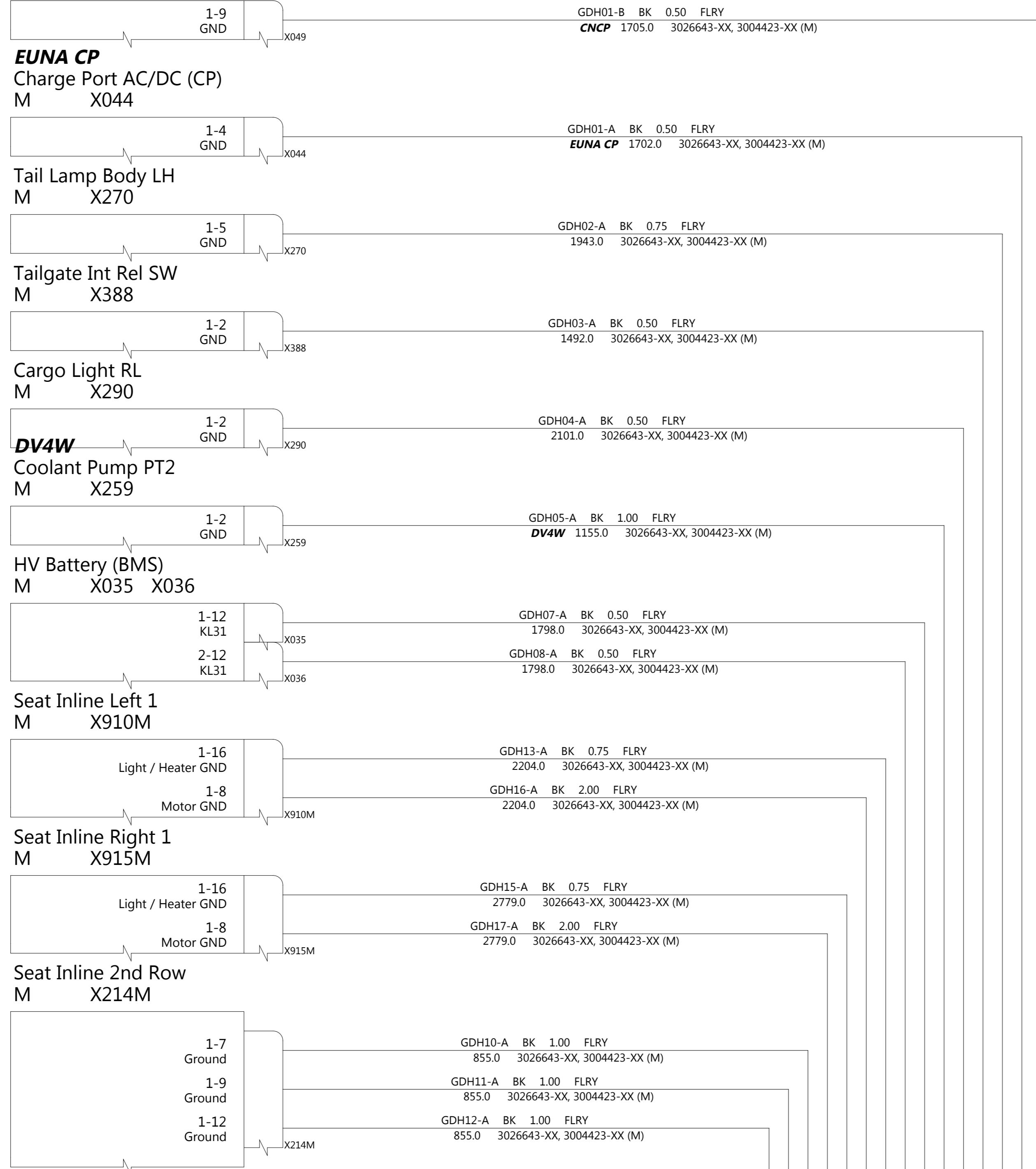
Lamp Puddle LR  
R X363

Int Release LR  
R X361

Window Switch LR  
R X365

Window Motor LR  
R X366

Door Handle Controller LR (DHRD/DHRP)  
R X359



<b>TESLA</b>		
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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME Grounding - Rear		
PART NUMBER	REV 4	SHEET 4 OF 4
		SIZE A0