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61	Grounding - Front Left & Right
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64	Grounding - Rear

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:

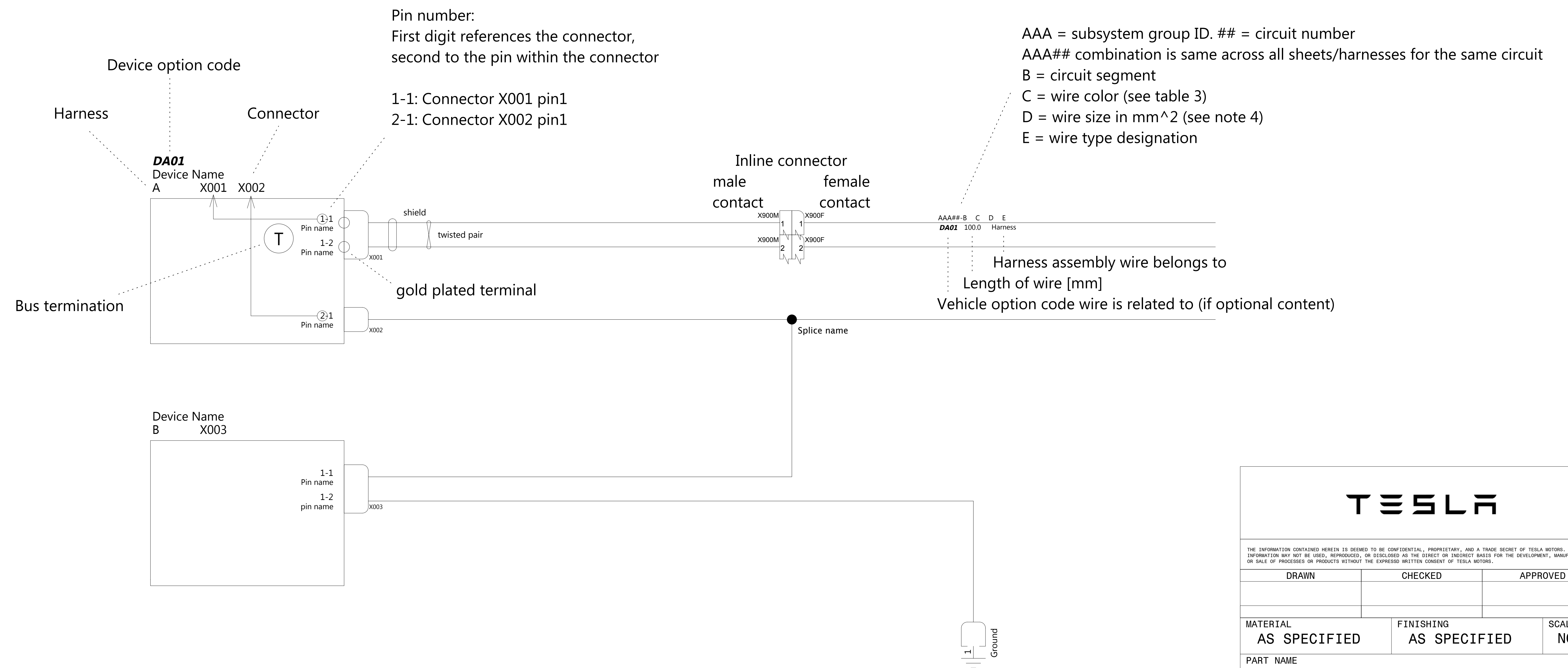
- Switches [Relays] are shown in their inactive [de-energized] state.
- Splices may be split across pages for visual clarity with respect to the function displayed on the particular page.
- Some connectors are split across multiple pages for clarity.
There is no overall reference in this document for the signals routed to a specific connector.
- Wire sizes are specified in mm² cross-sectional area (CSA) per SAE 1127/8
- 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

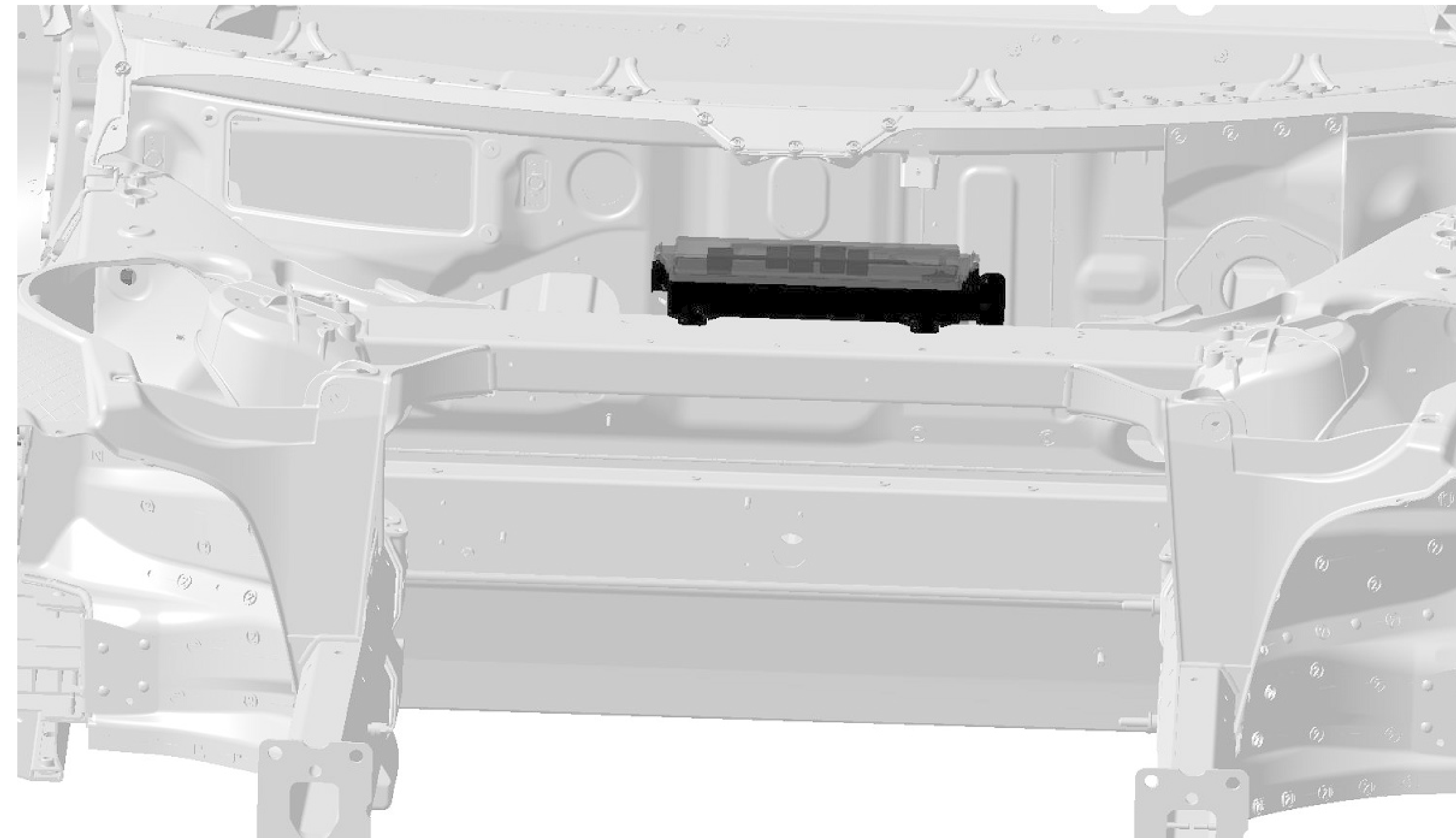
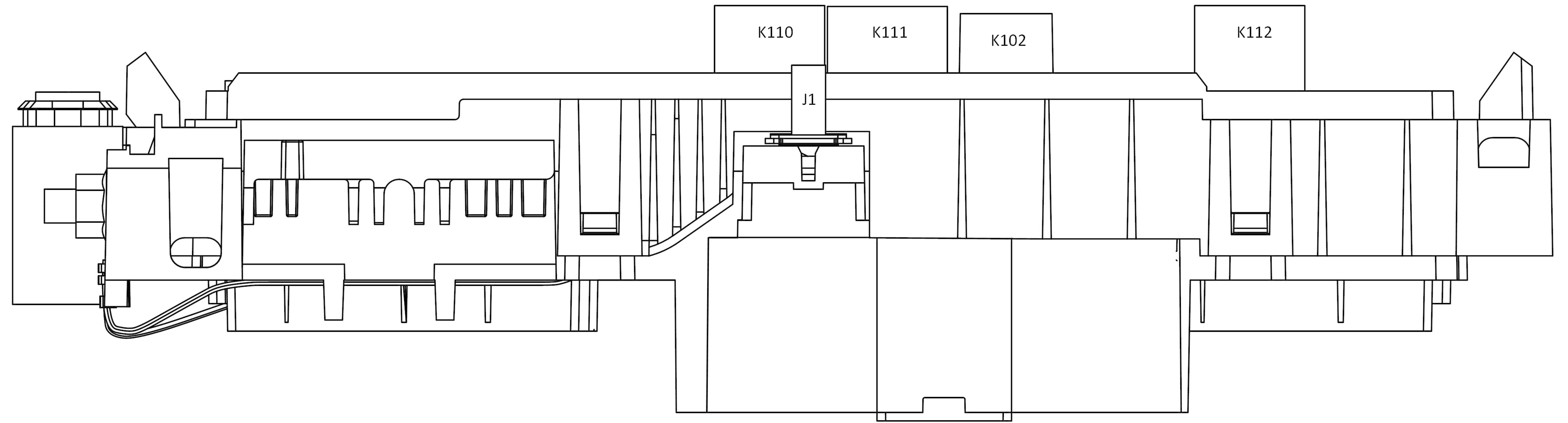
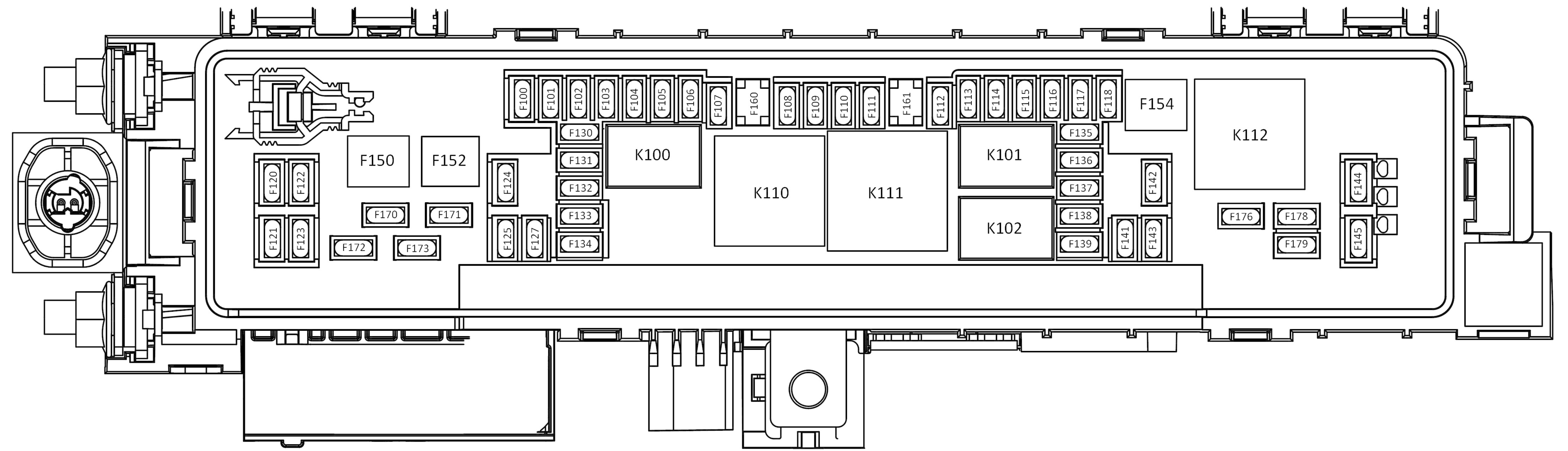
- GOLD TERMINAL NECESSARY
- SILVER PLATING NECESSARY

- 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



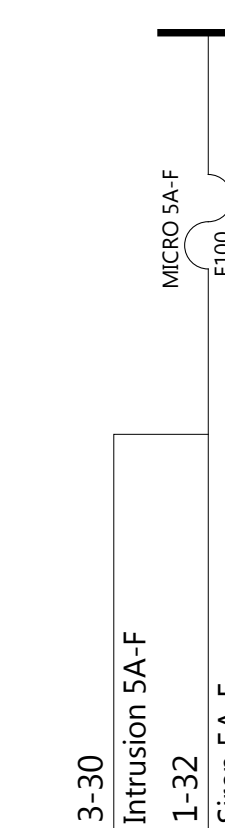
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DRAWN	CHECKED	APPROVED	
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE	
PART NAME Table of Contents			
PART NUMBER	REV 2	SHEET 1 OF 1	SIZE AO

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	20A	MICRO2	Front Drive Unit Oil Pump
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	30A	MICRO2	Adaptive Air Suspension Controls/Valves
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

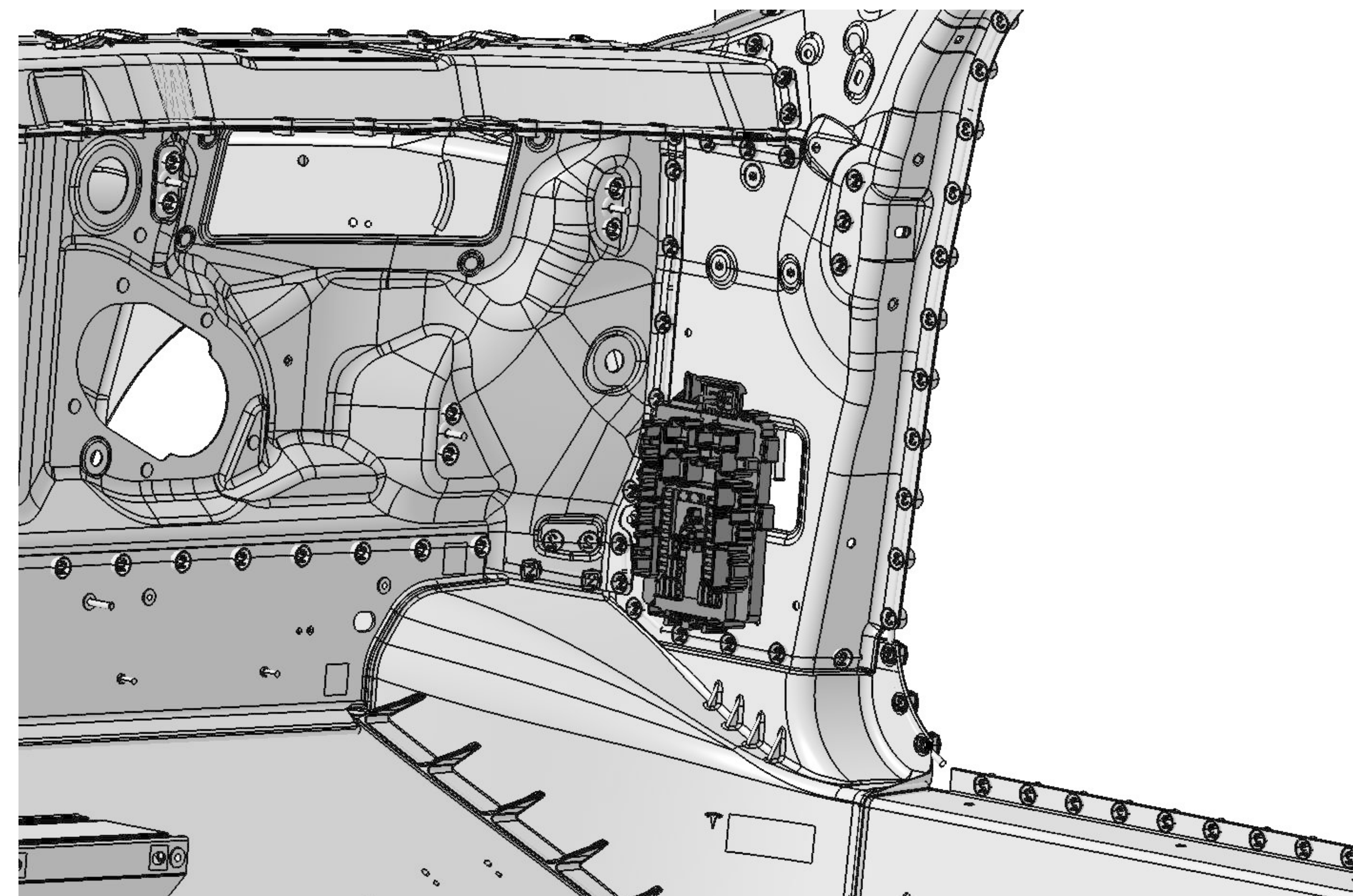
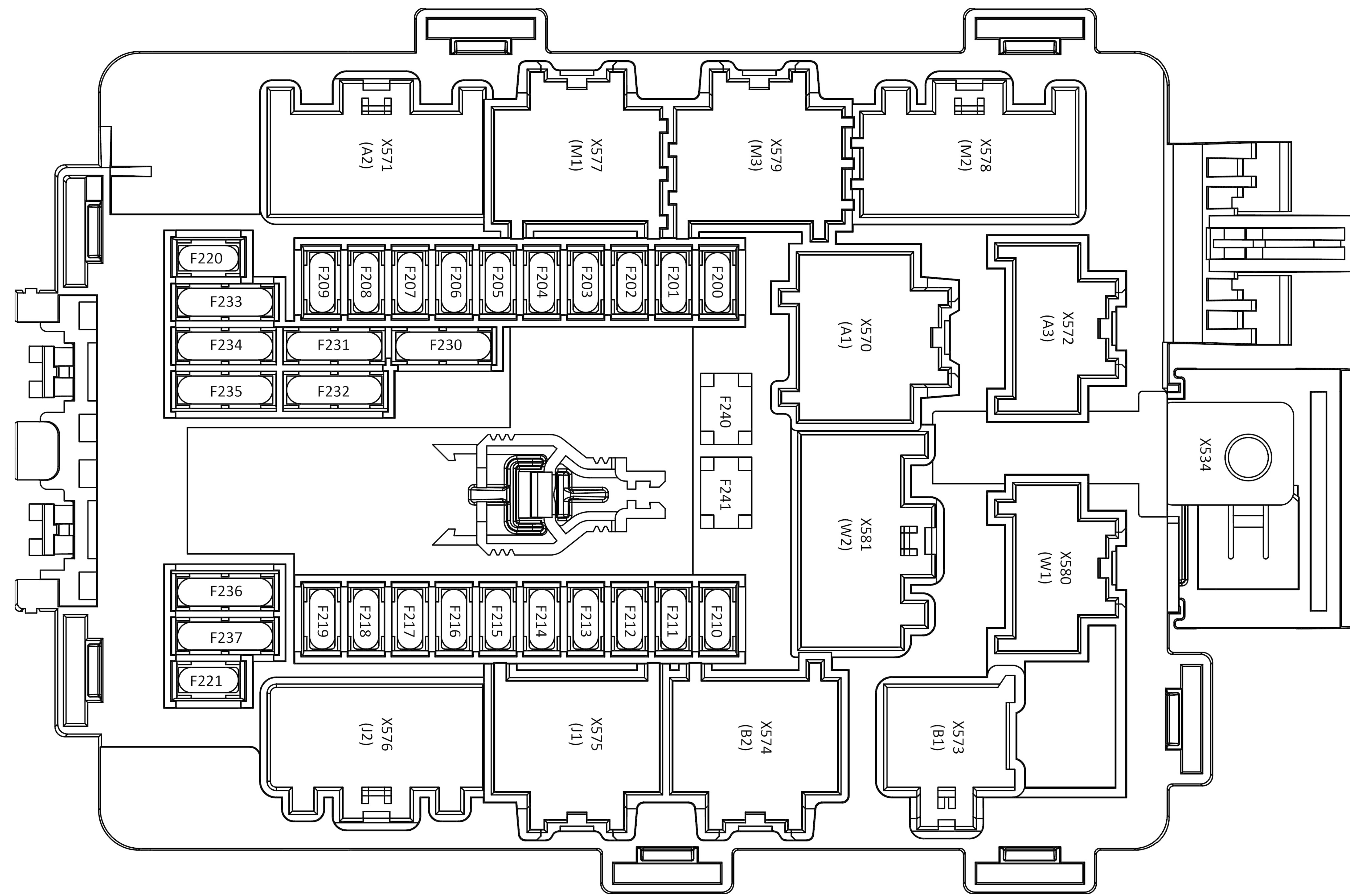
Prefix	Connector
1-	X561
2-	X562
3-	X563

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

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

MICRO SAF
F200
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

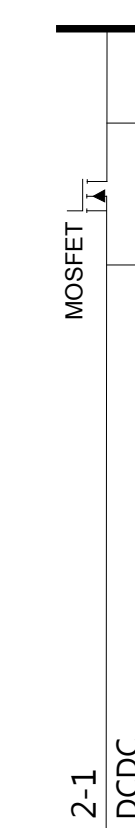
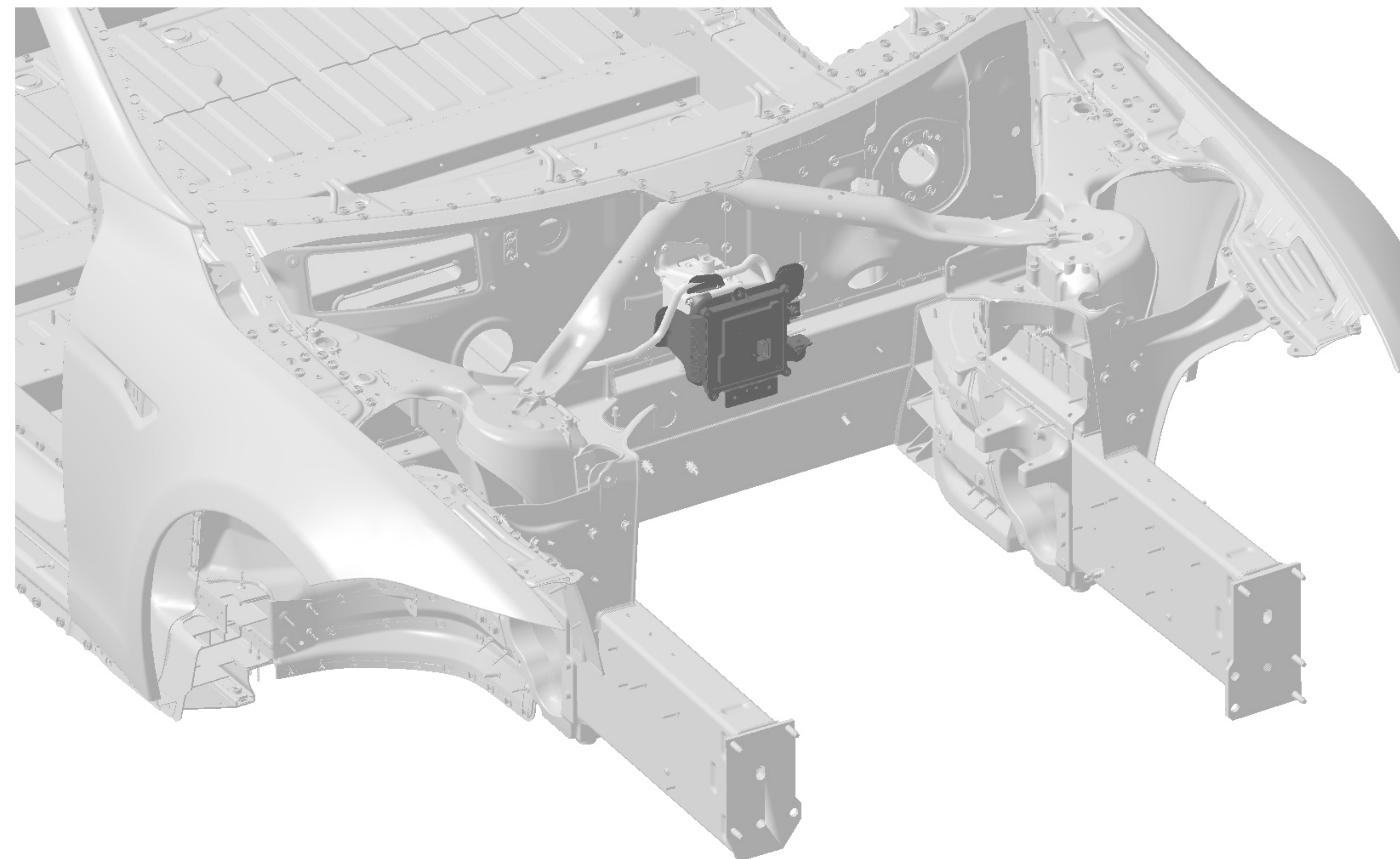
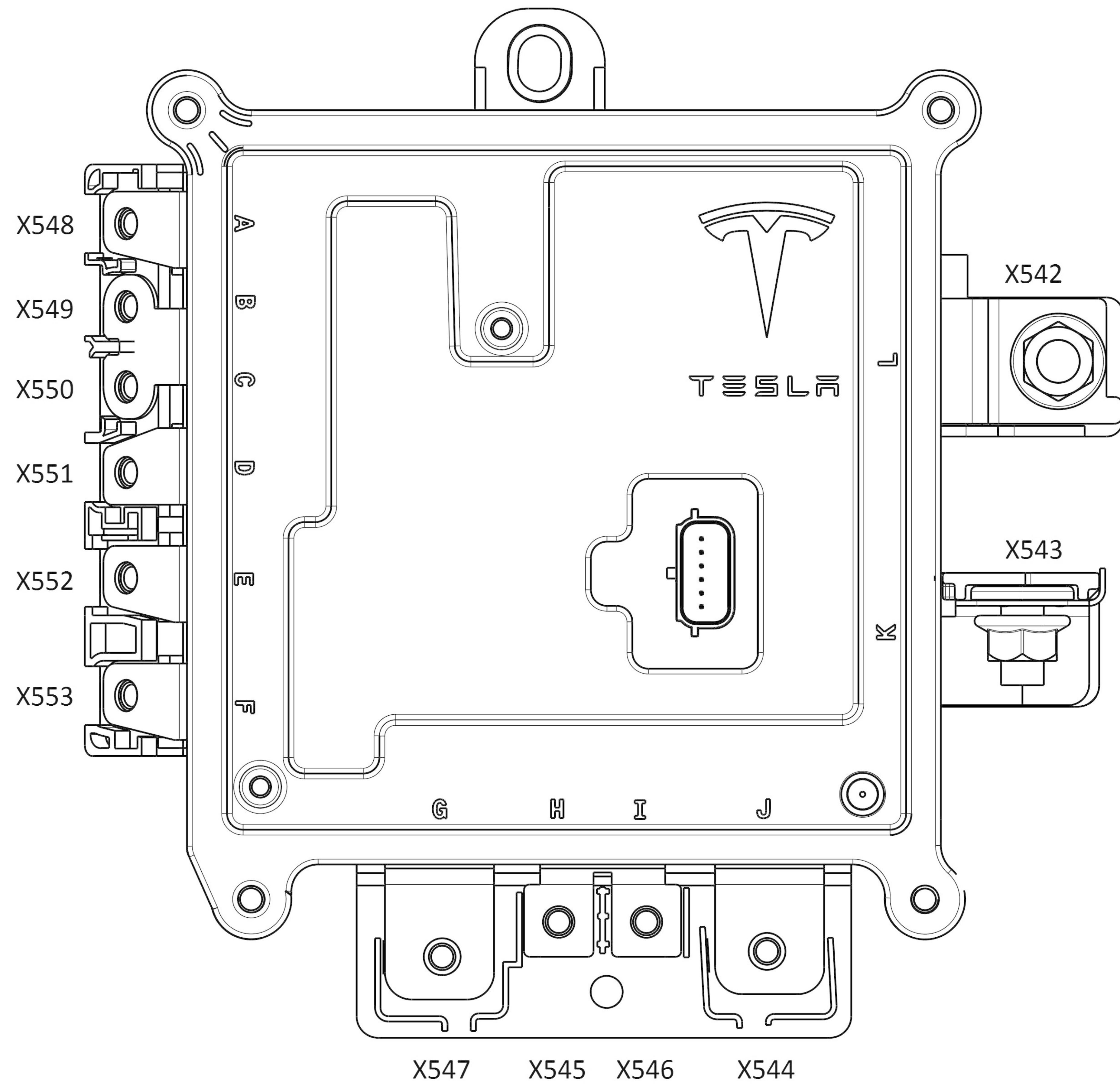


Table 7: E-Fuse prefix, connector coherence

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

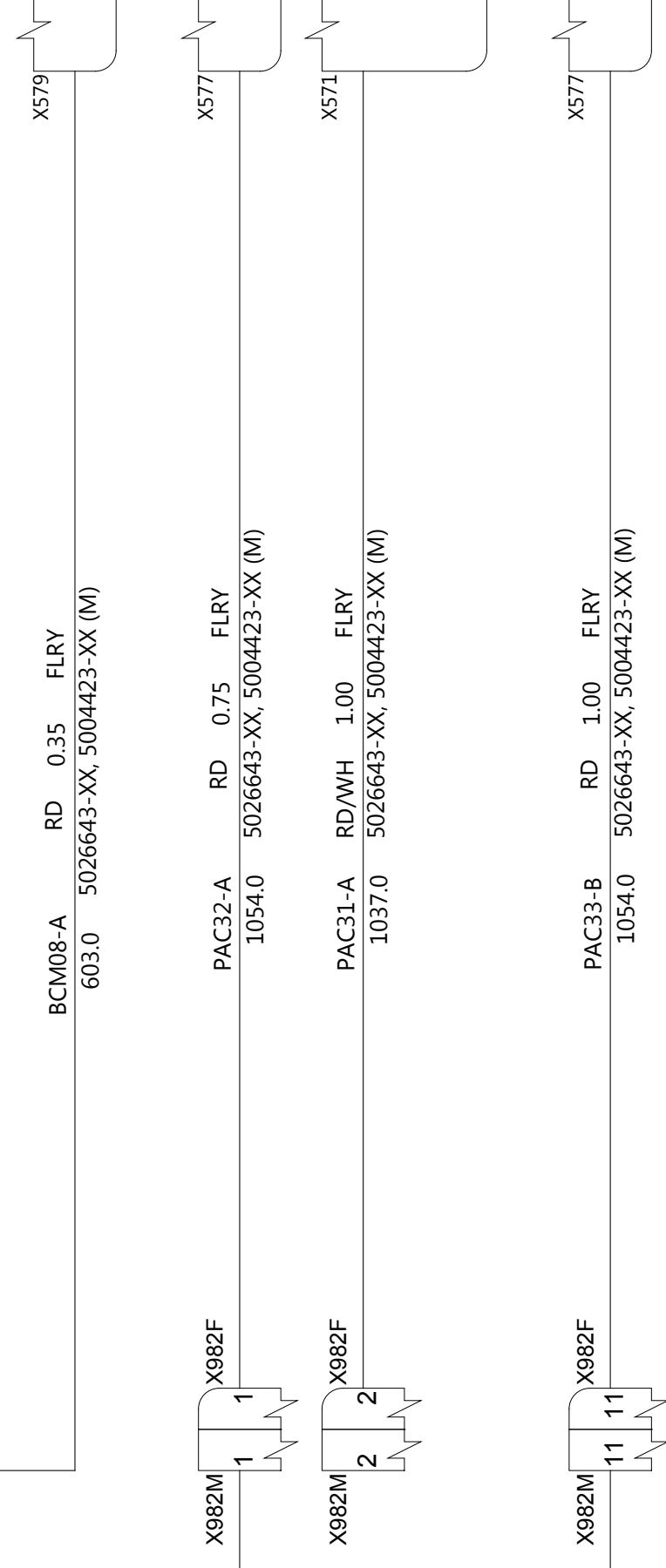
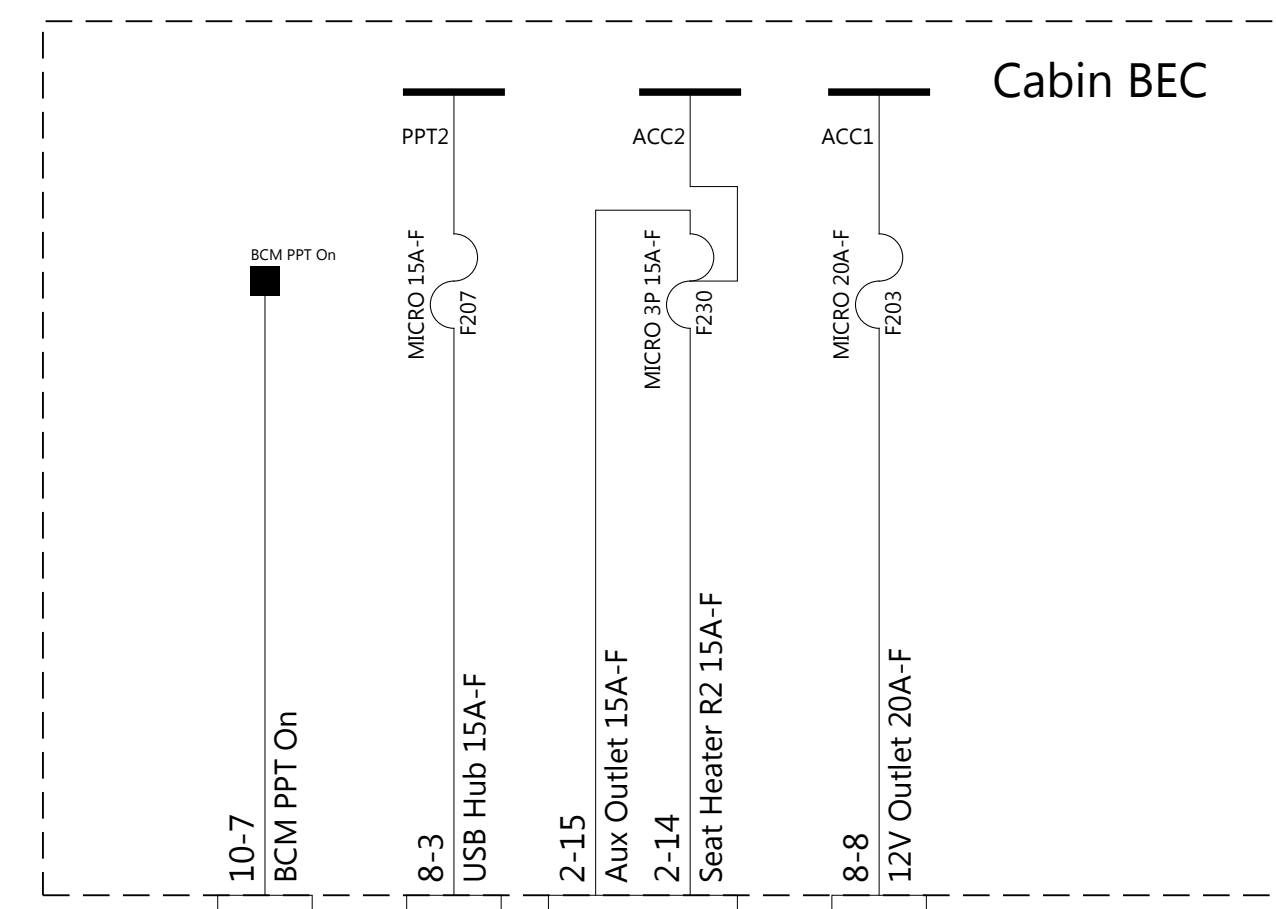
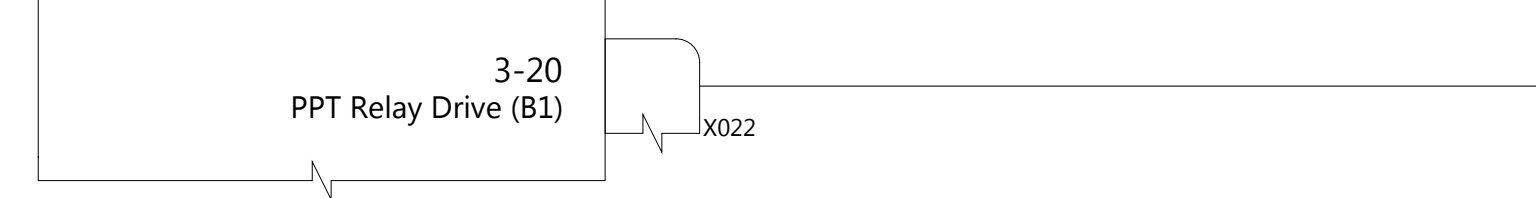
2-1: Connector X543 Pin 1

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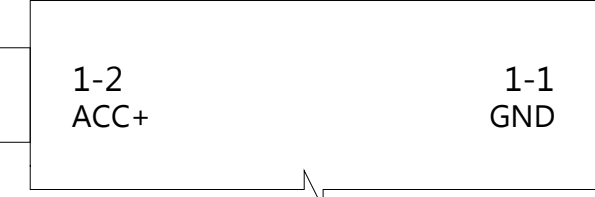
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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME E-Fuse Layout		
PART NUMBER	REV 1	SHEET 1 OF 1
		SIZE AO

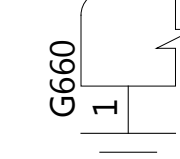
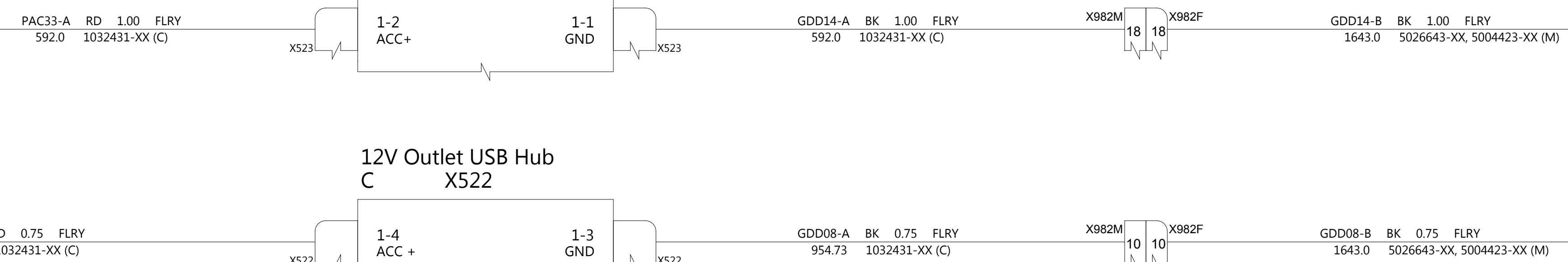
Body Control Module (BDY/SEC)
M, W X020 X021 X022 X023 X024 X025 X026 X027 X028



Aux 12V Power Socket
C X523



12V Outlet USB Hub
C X522

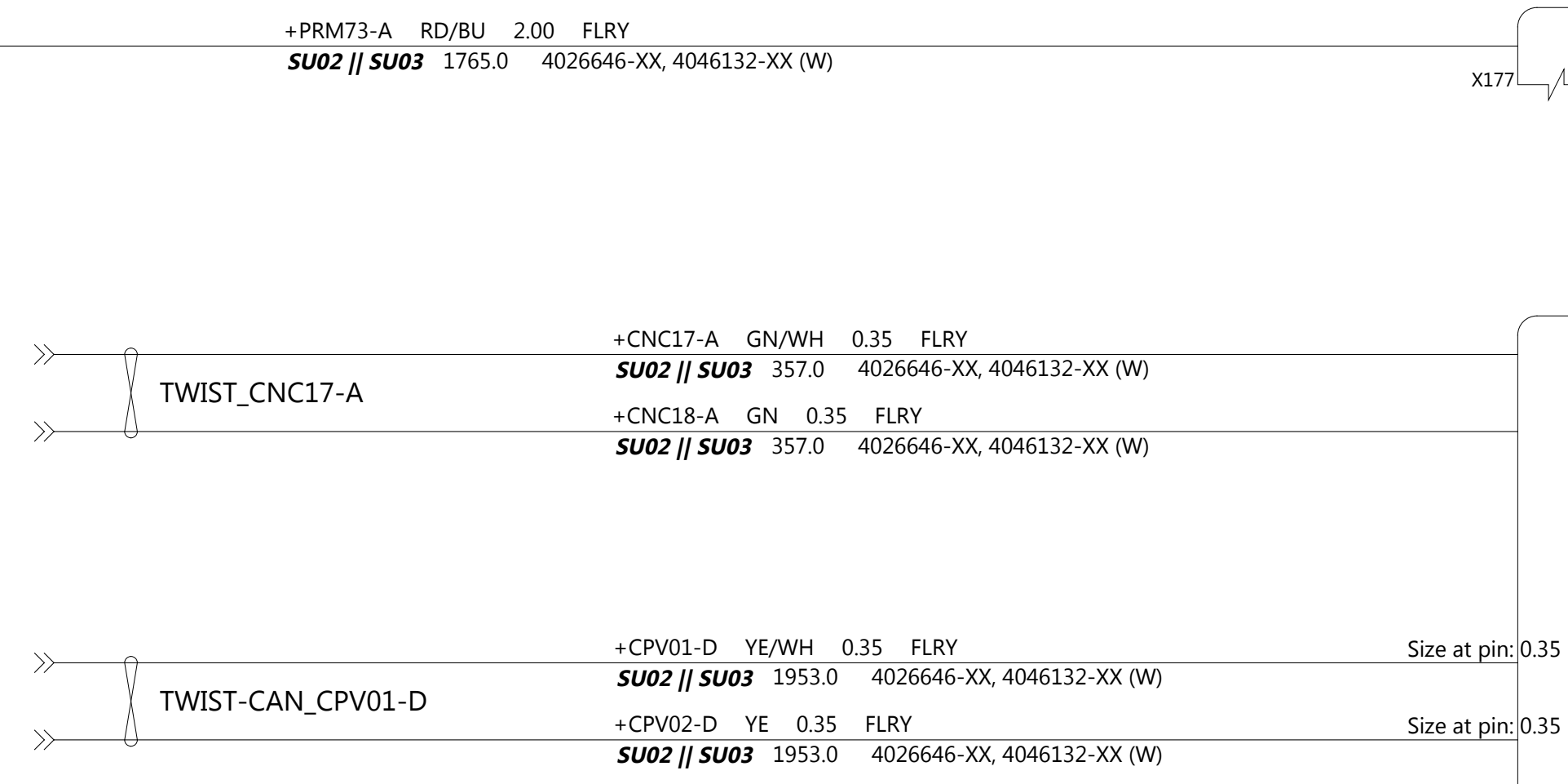
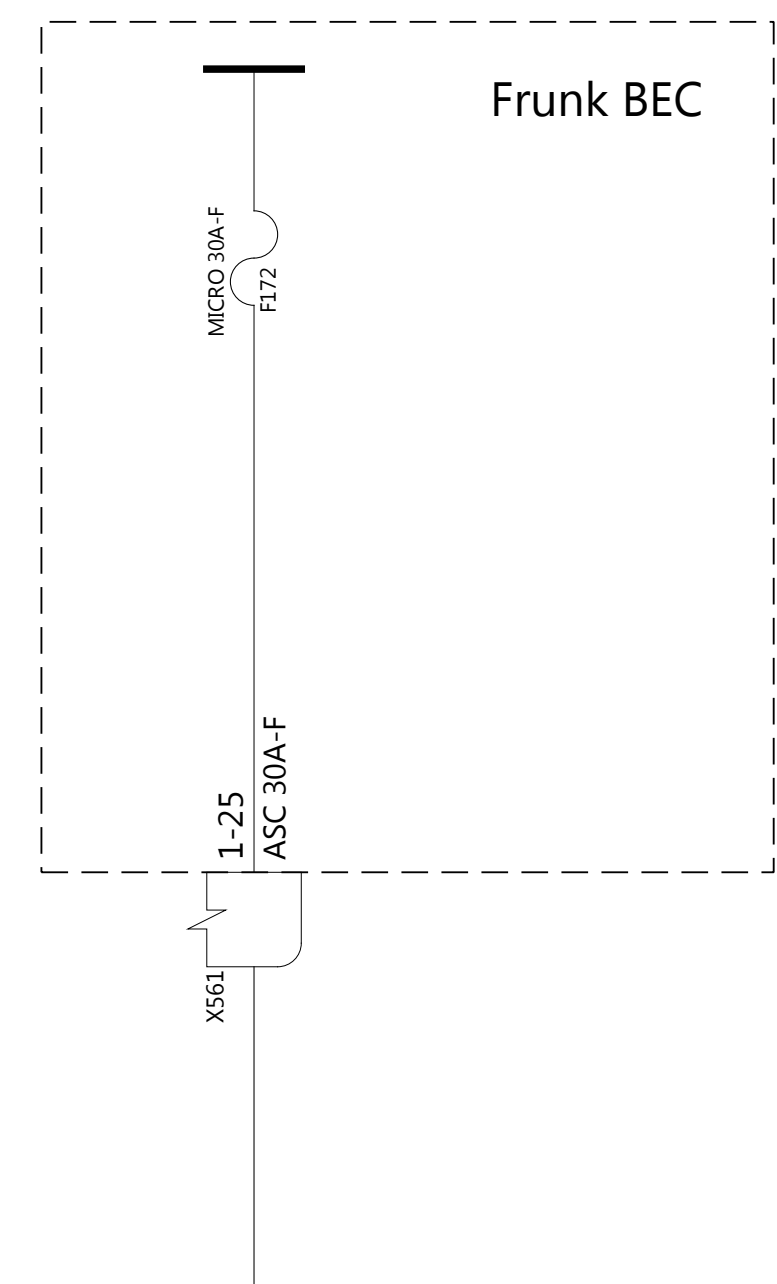
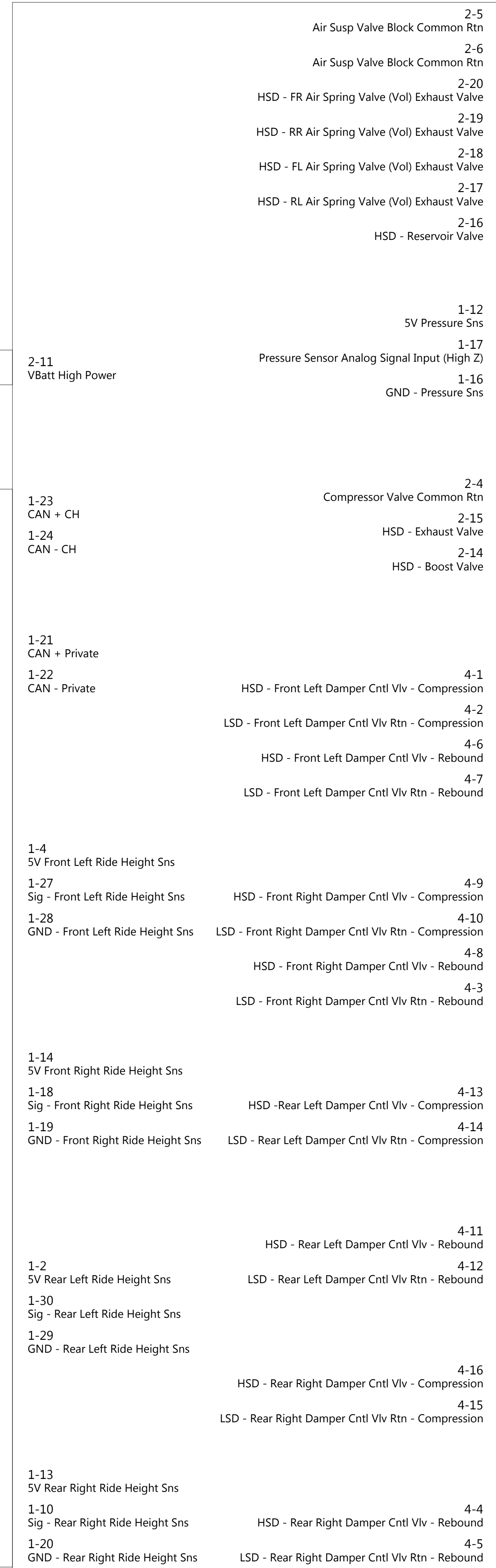


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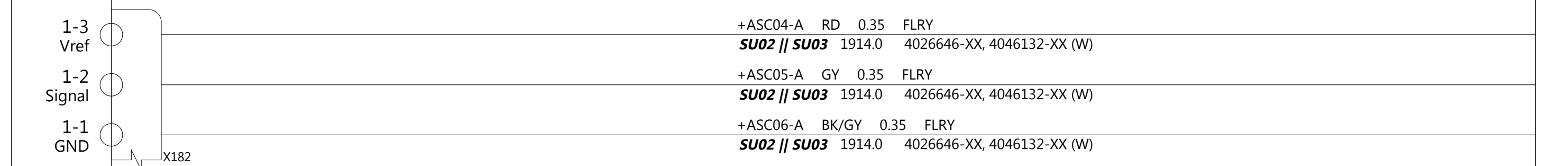
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DRAWN		CHECKED	APPROVED
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PART NAME 12V Outlets / USB Power			
PART NUMBER	REV 2	SHEET 1 OF 1	SIZE A0

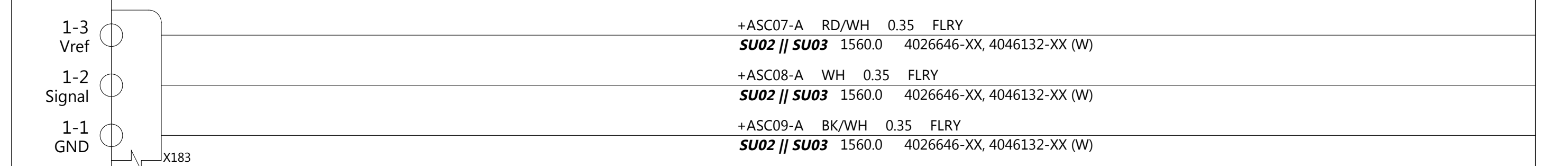
SU02//SU03
Adaptive Suspension Controller (TAS)
W X176 X177 X178 X179



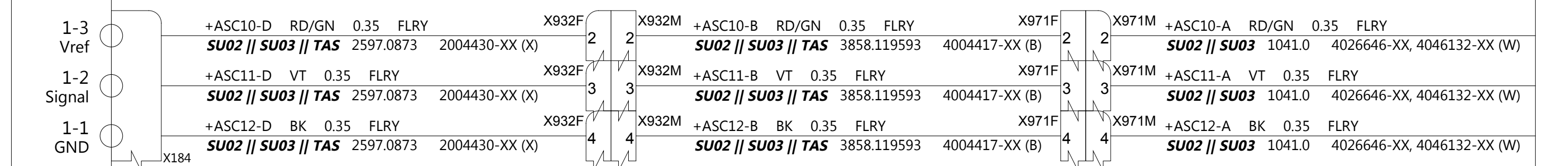
ASC Level Sensor LF
W X182



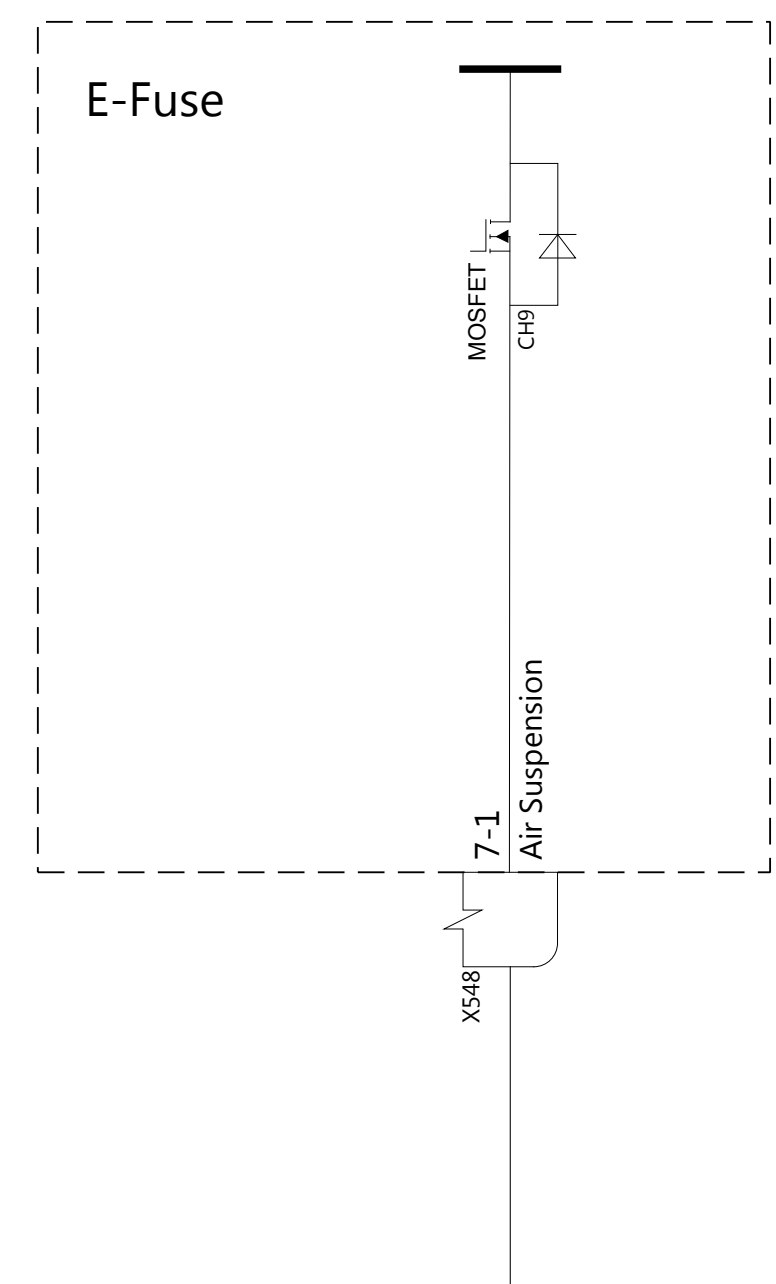
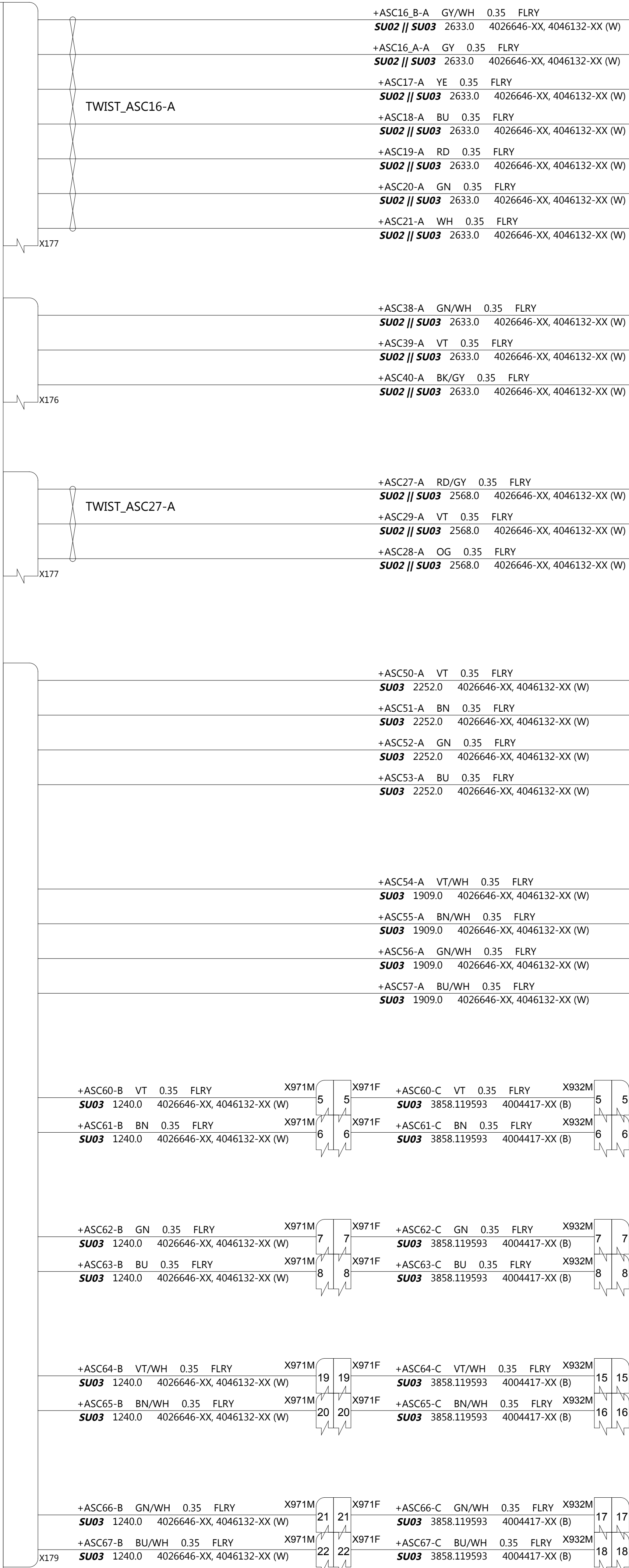
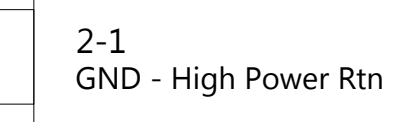
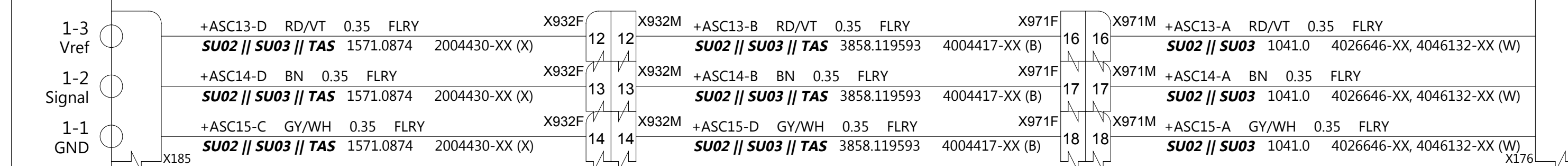
ASC Level Sensor RF
W X183



ASC Level Sensor LR
X X184



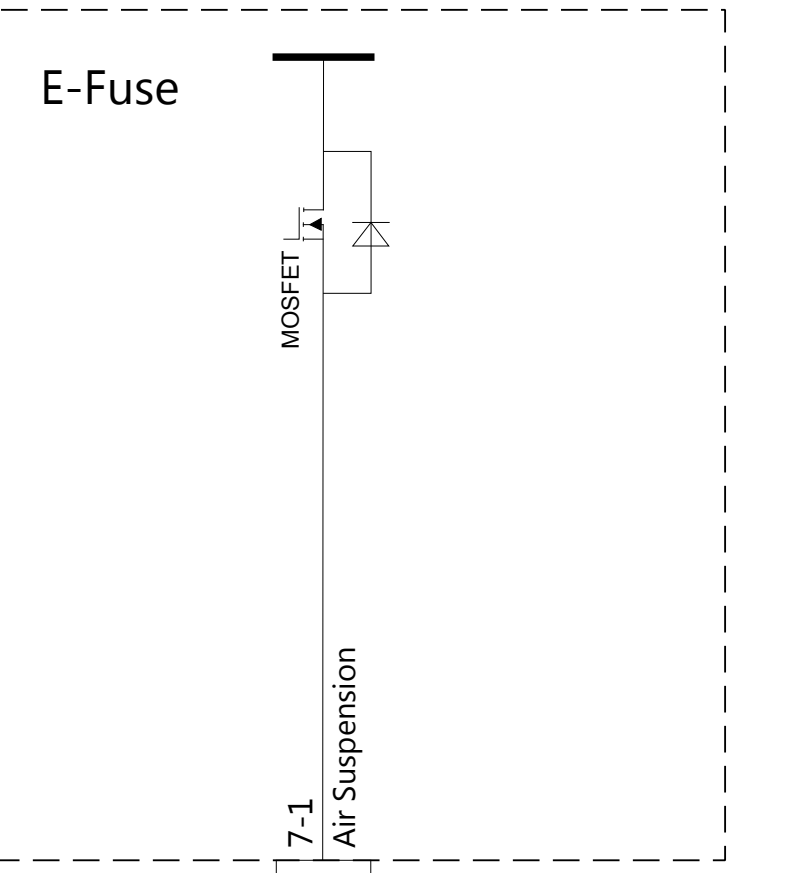
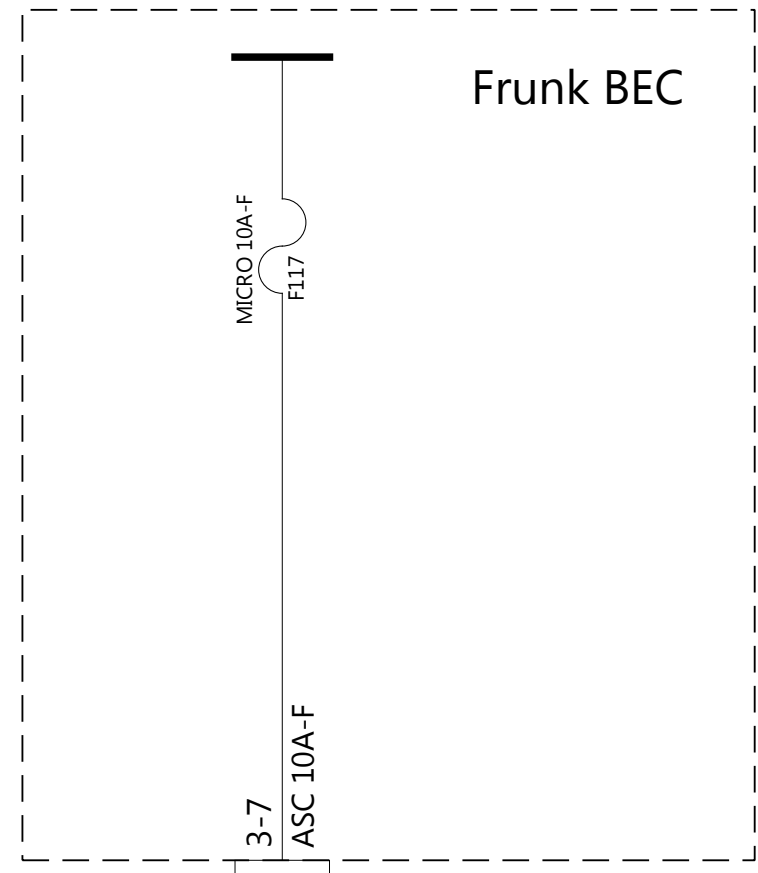
ASC Level Sensor RR
X X185



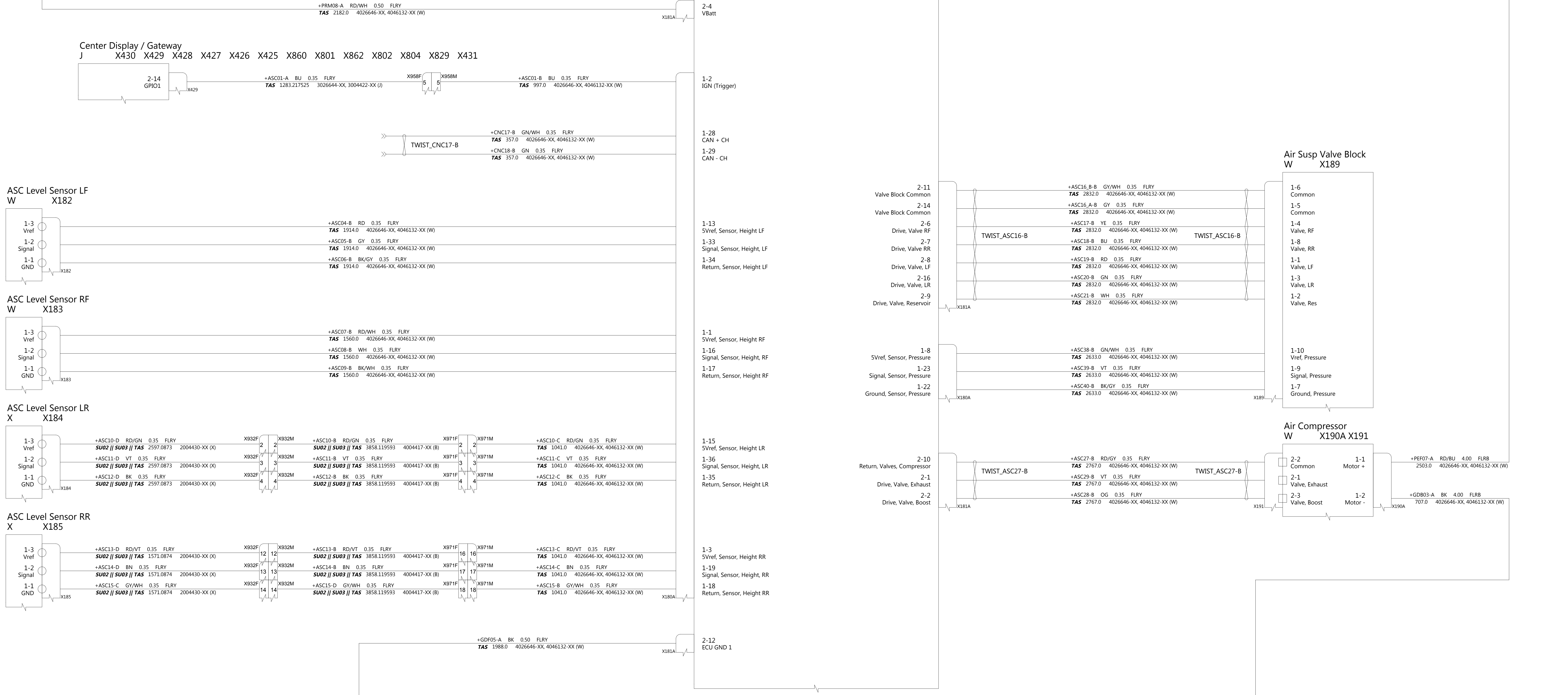
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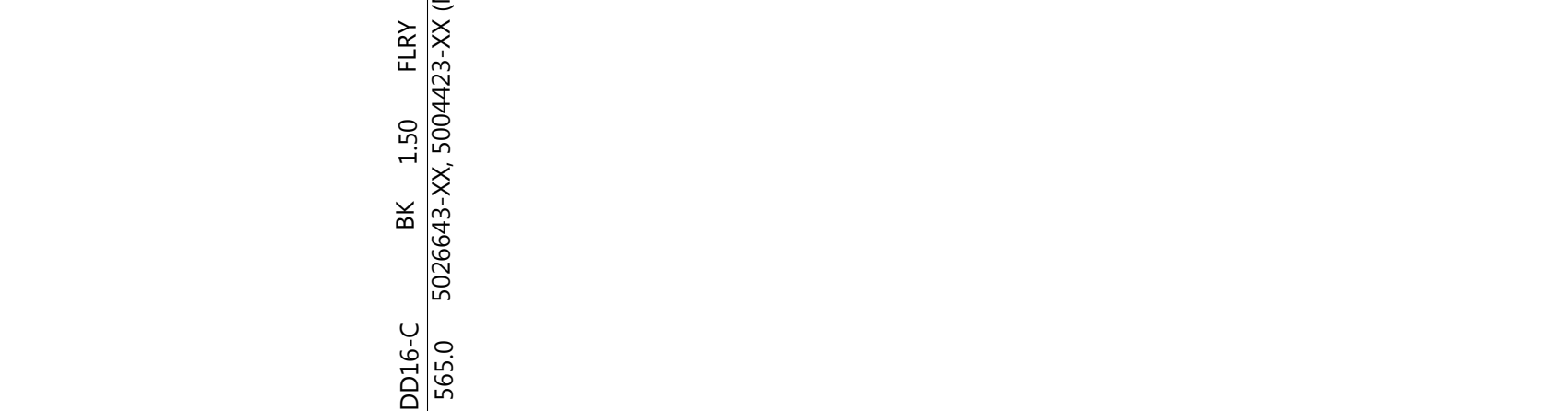
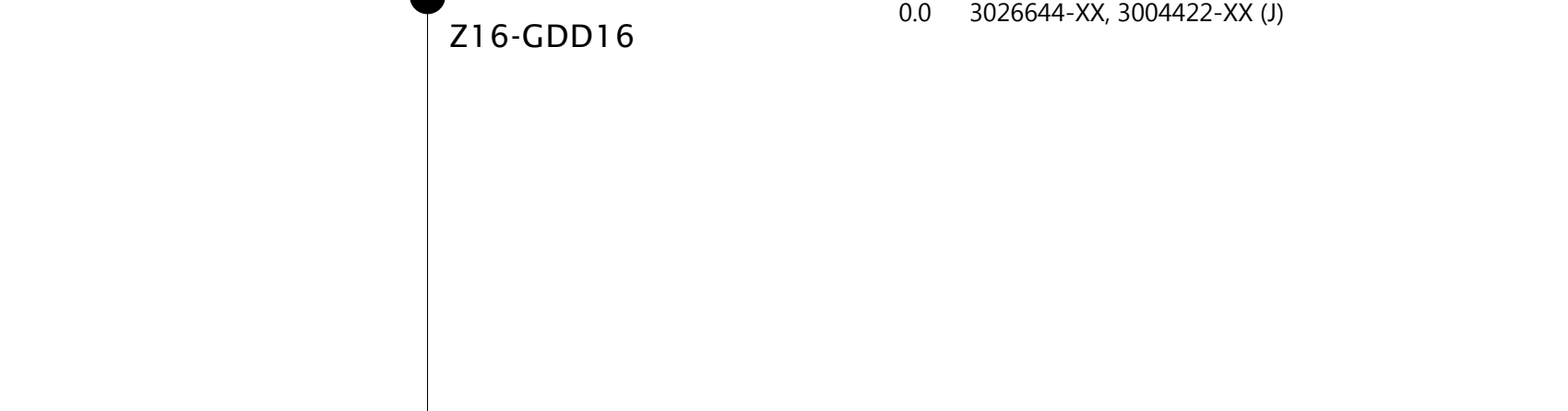
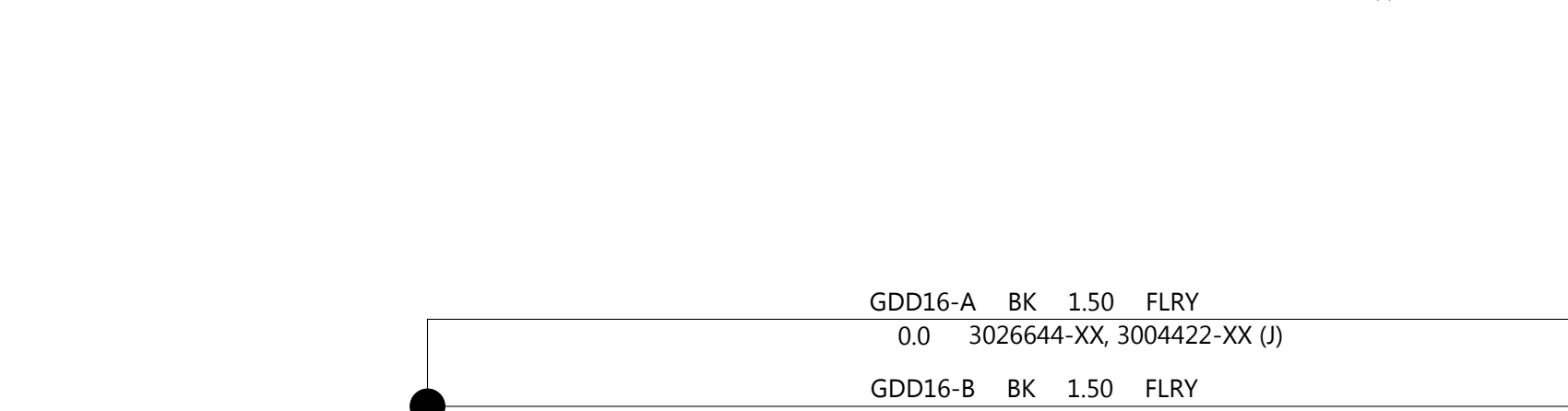
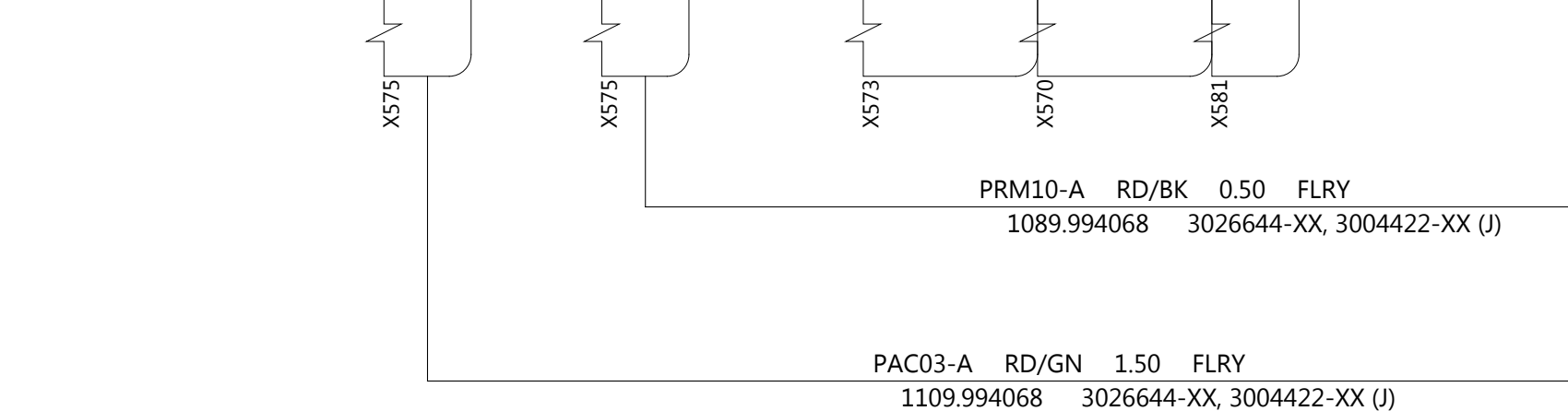
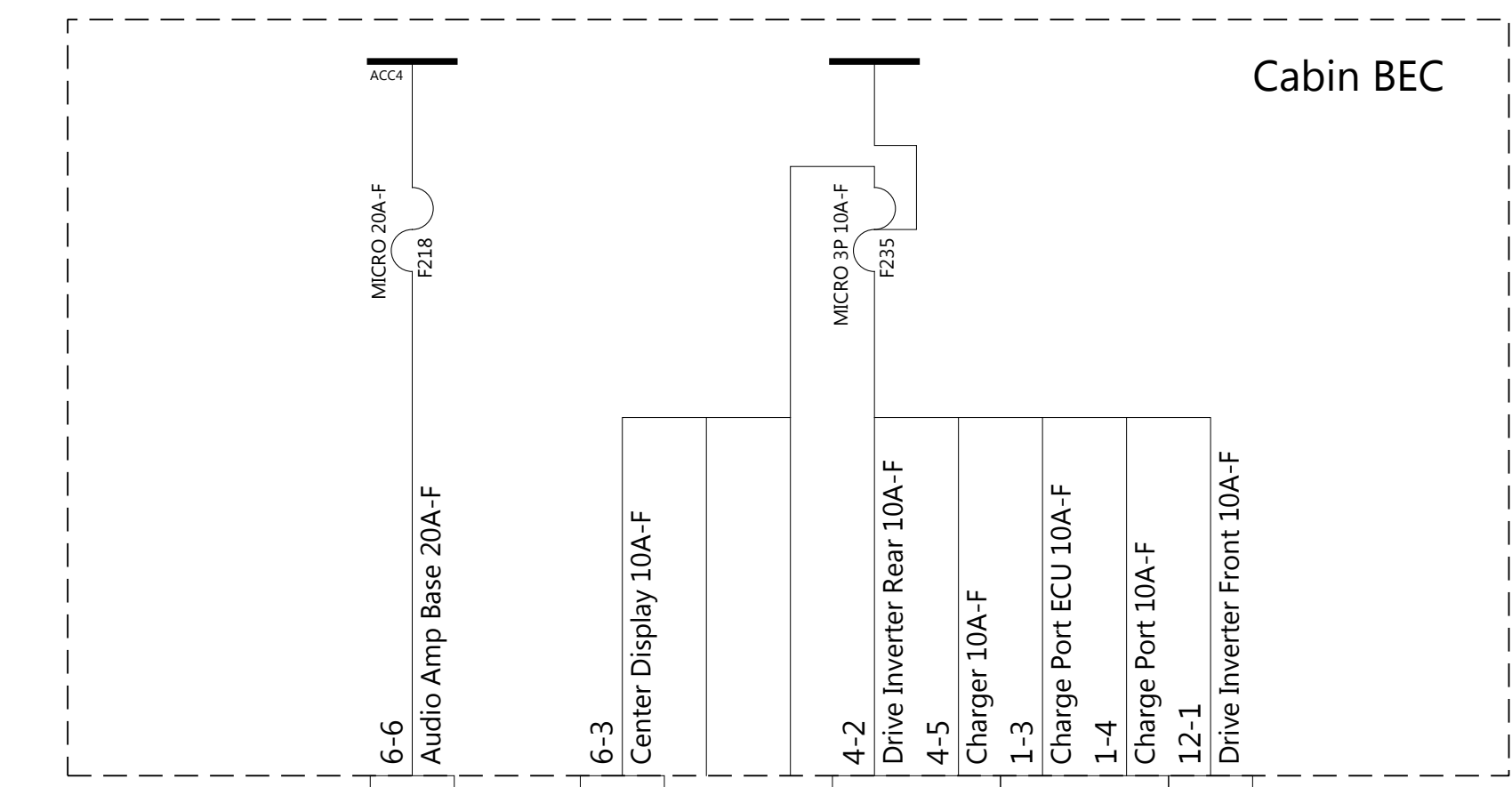
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PART NUMBER	REV 3	SHEET 1 of 2
		SIZE AO



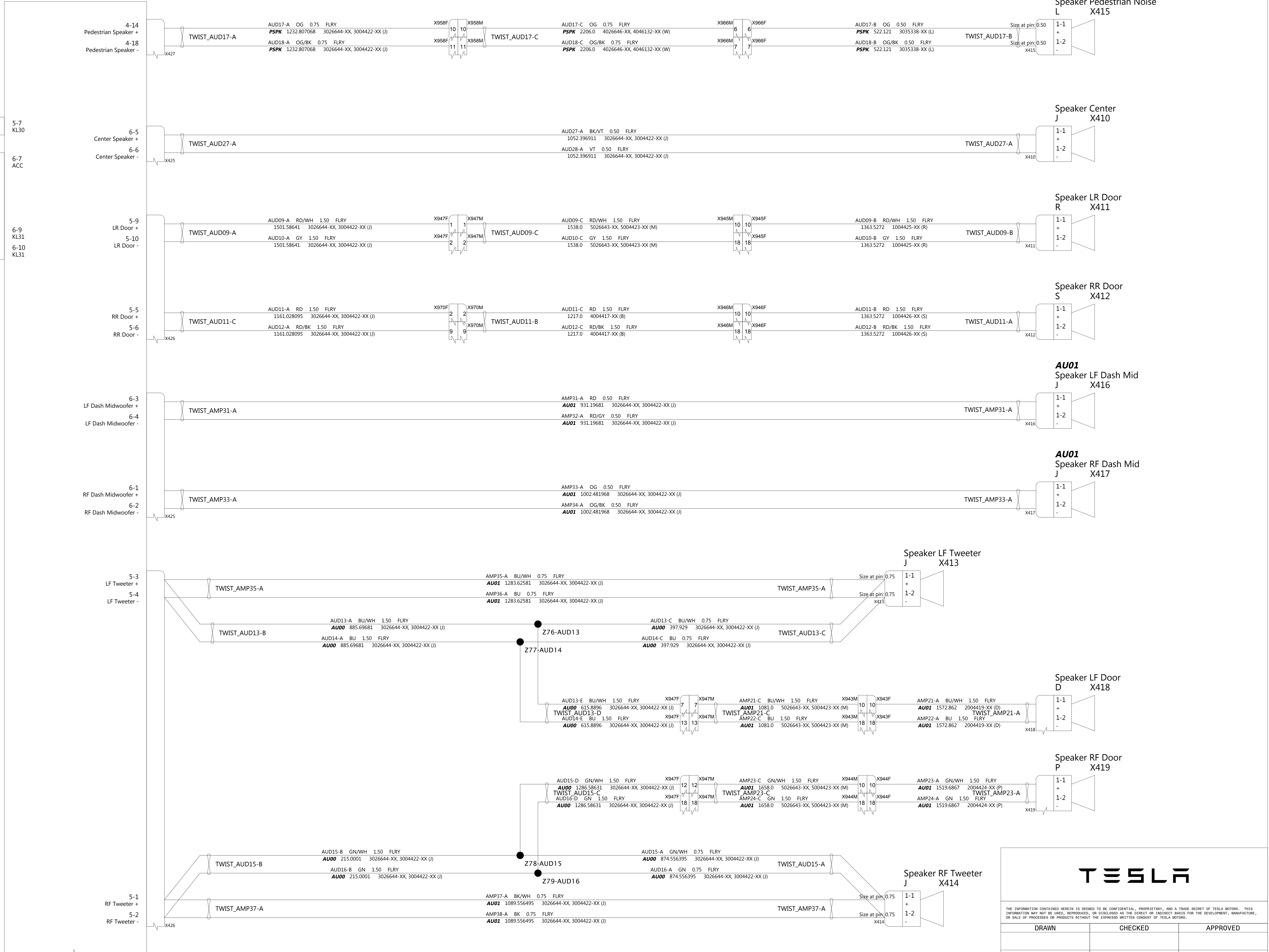
TAS
Tesla Air Suspension Controller (TAS)
W X180A X181A



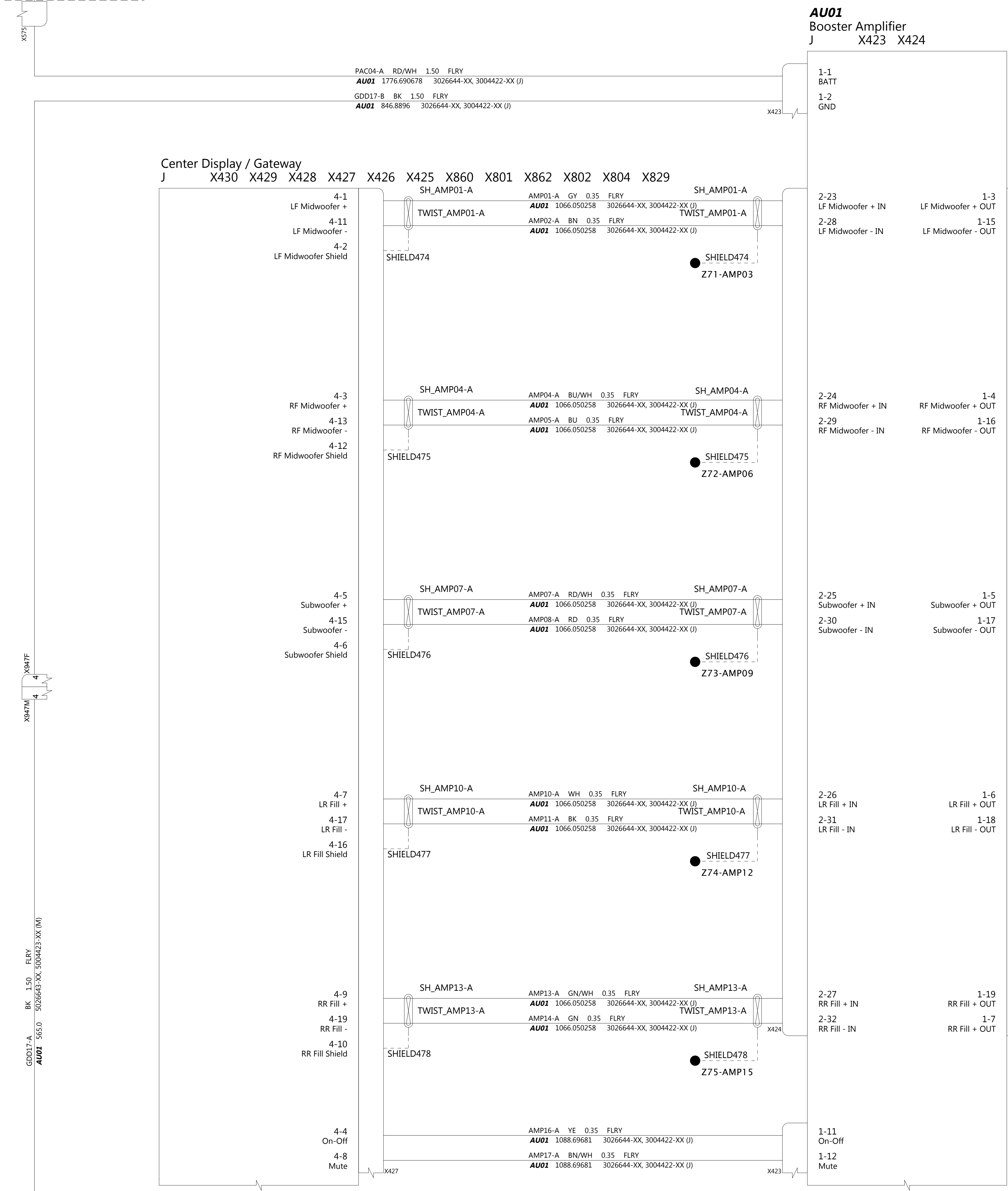
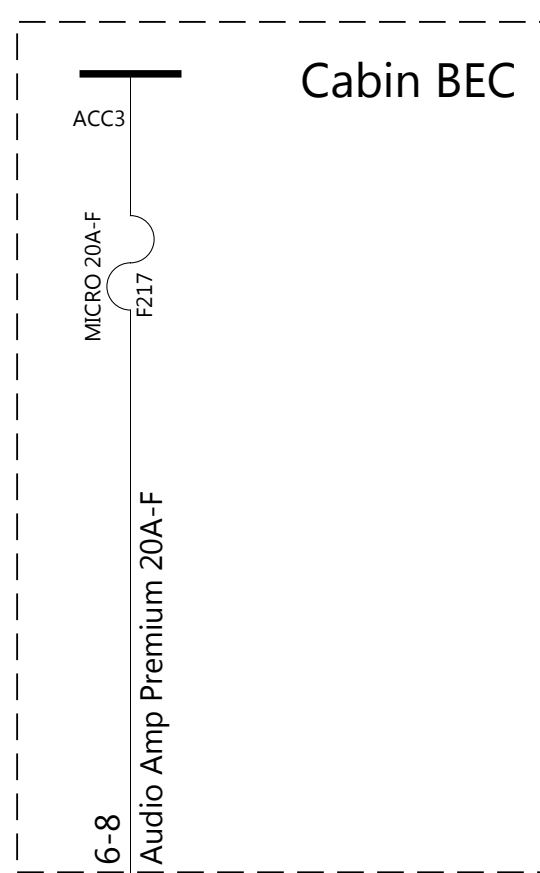
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DRAWN	CHECKED	APPROVED	
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PART NUMBER	REV 3	SHEET 2 OF 2	SIZE A0



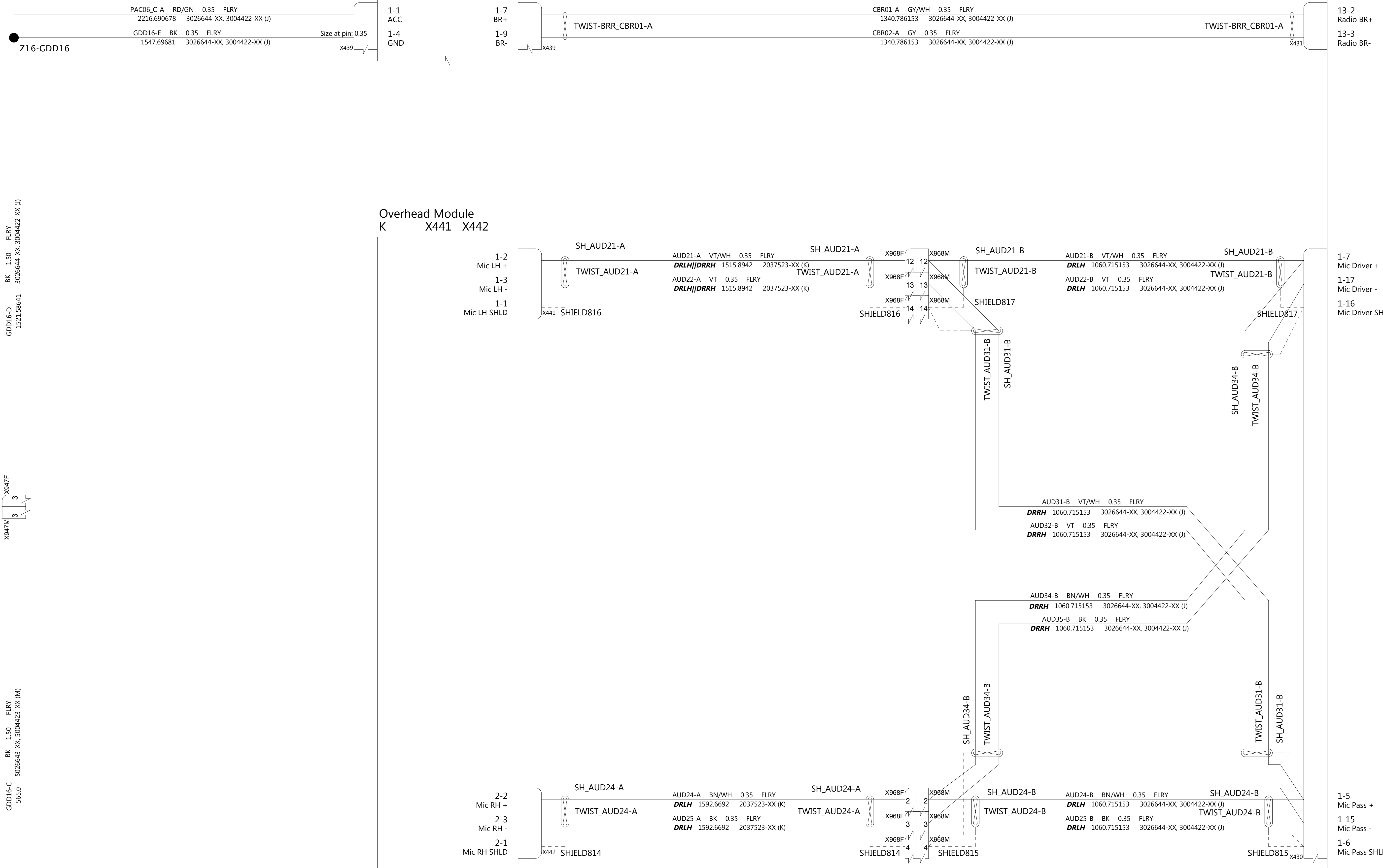
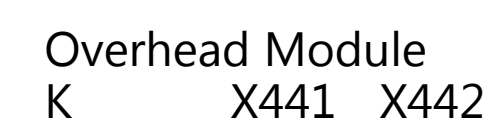
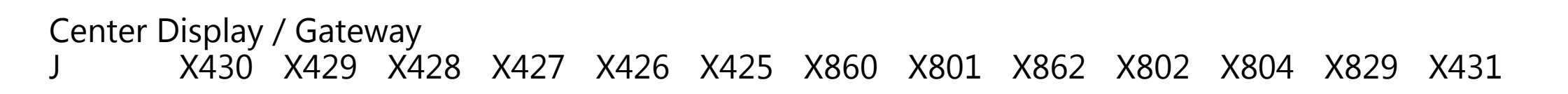
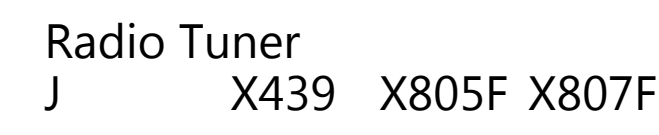
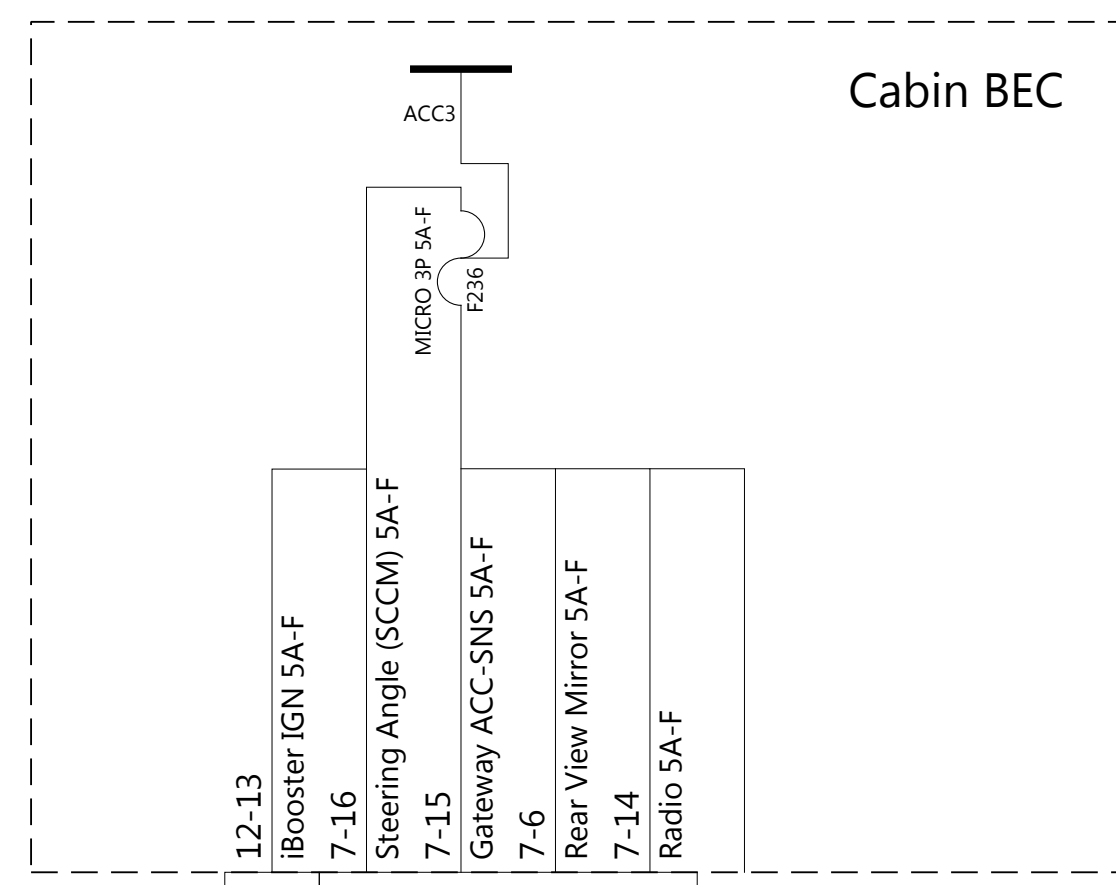
Center Display / Gateway
X430 X429 X428 X427 X426 X425 X860 X801 X862 X802 X804 X829



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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 3	SHEET 1 of 3
		SIZE AO

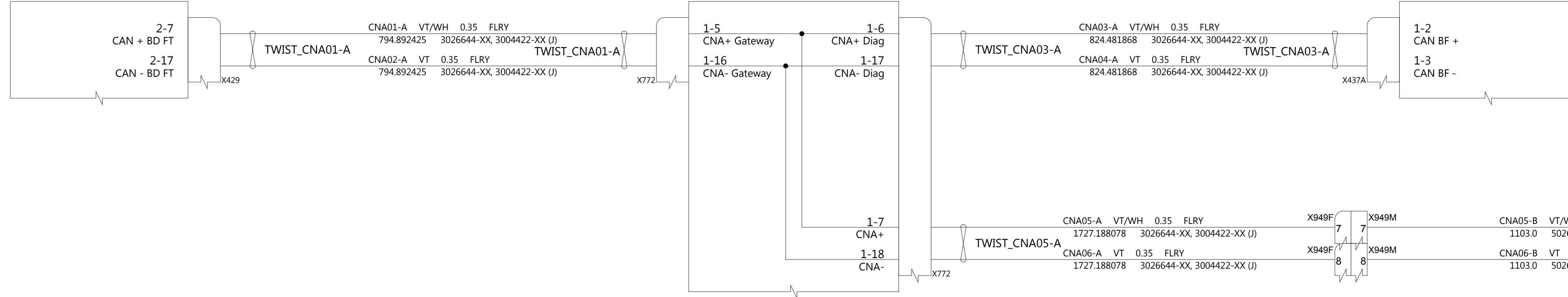


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DRAWN	CHECKED	APPROVED	
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE	
PART NAME Audio, Base & Premium 2/3 - Booster			
PART NUMBER	REV 3	SHEET 2 OF 3	SIZE A0

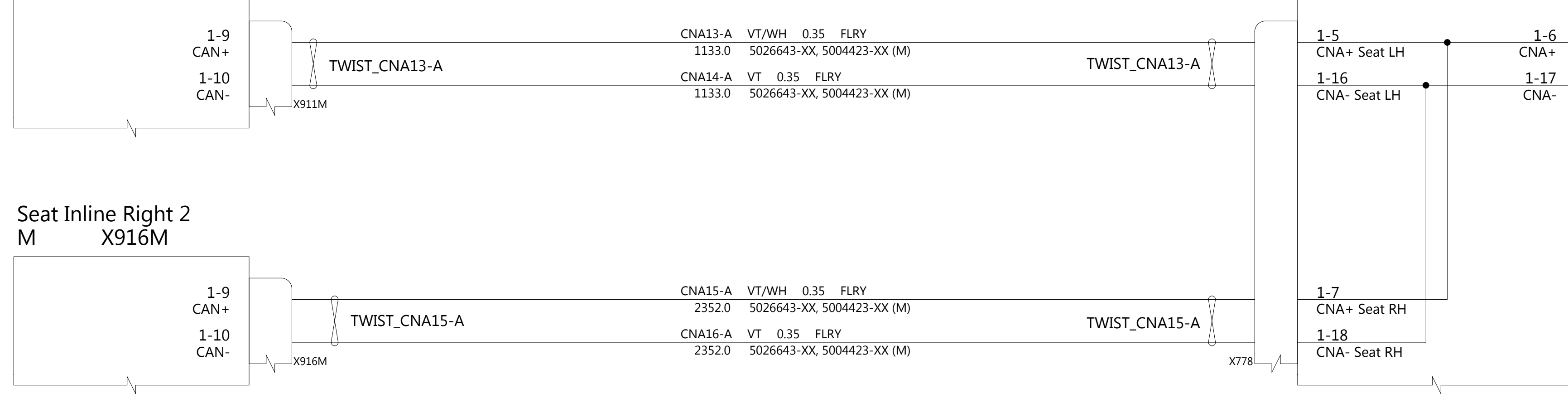


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DRAWN	CHECKED	APPROVED	
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE	
PART NAME Audio, Base & Premium 3/3 - Radio/MIC			
PART NUMBER	REV 3	SHEET 3 OF 3	SIZE AO

Center Display / Gateway
 J X430 X429 X428 X427 X426 X425 X860
 X801 X862 X802 X804 X829 X431

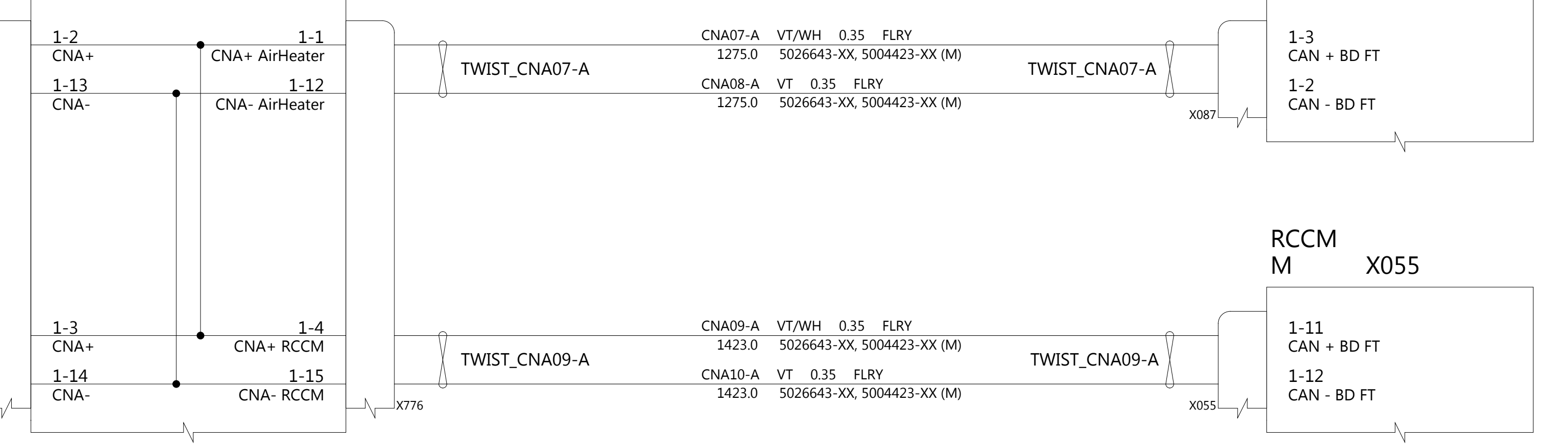


Seat Inline Left 2
 M X911M



Seat Inline Right 2
 M X916M

X776 Splice
 M X776



TESLA

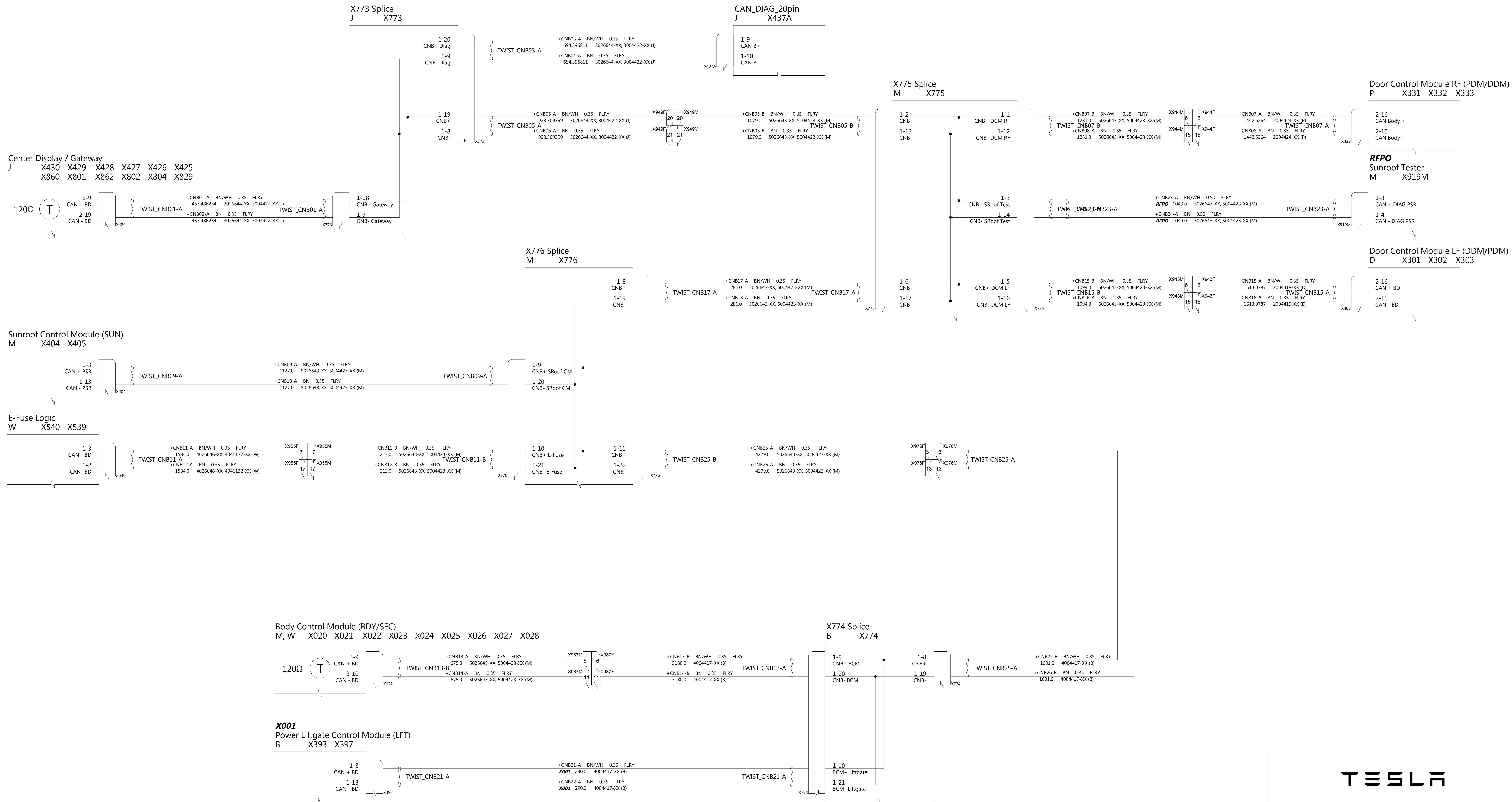
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DRAWN	CHECKED	APPROVED

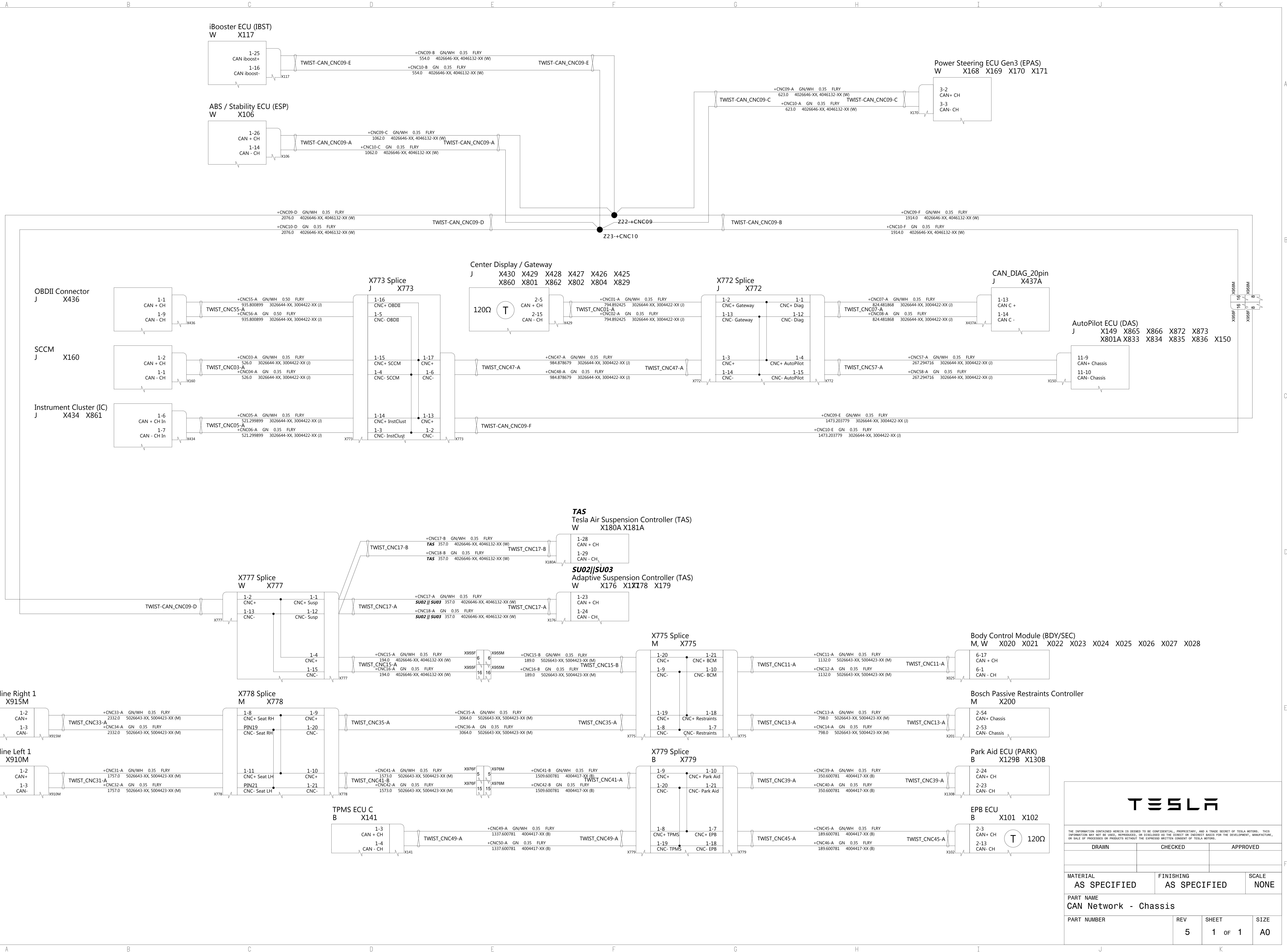
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
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PART NAME
CAN Network - BFT

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 CAN Network - Body		
PART NUMBER	REV 2	SHEET 1 of 1
		SIZE AO



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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME CAN Network - Chassis		
PART NUMBER	REV 5	SHEET 1 of 1
		SIZE AO

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

X024
Drive Inverter Rear Large (DI)
X X250

X025
Drive Inverter Rear Small (DI)
X X251

X772 Splice
J X772

CAN_DIAG_20pin
J X437A

Tesla Thermal Controller (THC)
W X050 X051 X052 X053

X777 Splice
W X777

X779 Splice
B X779

X778 Splice
M X778

DC-DC GEN2
W X041 X501 X504

HV Battery (BMS)
M X035 X036

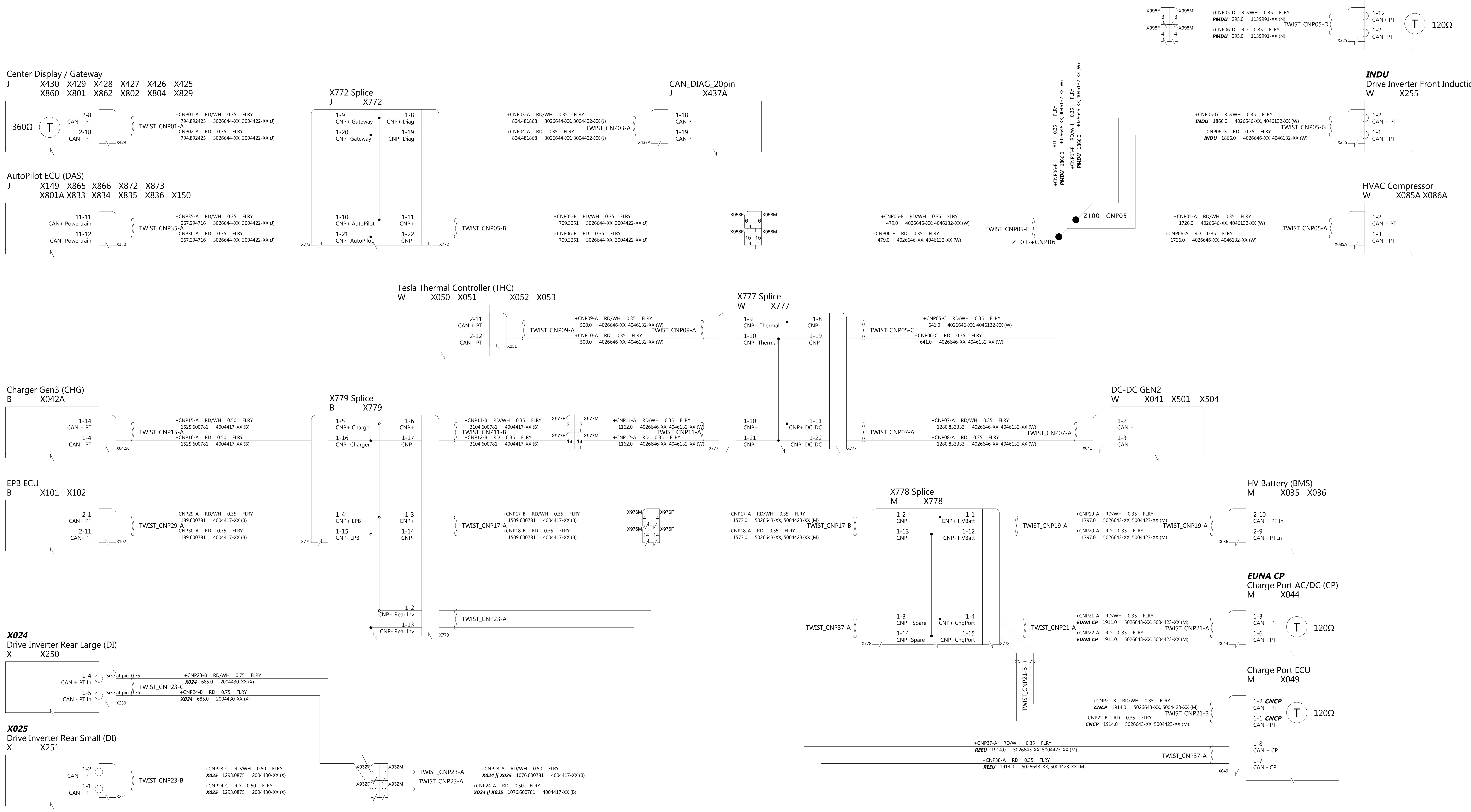
EUNA CP
Charge Port AC/DC (CP)
M X044

Charge Port ECU
M X049

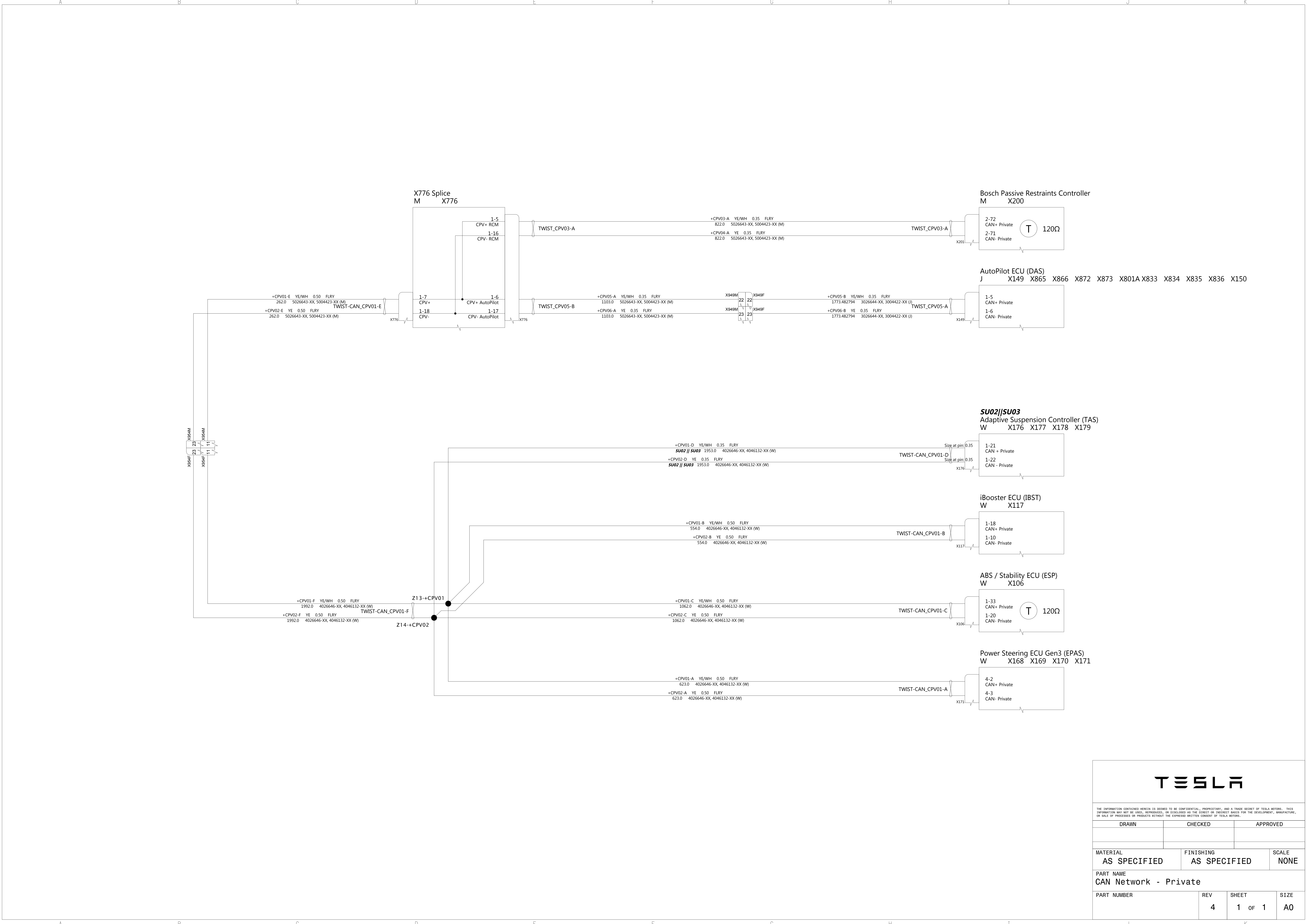
PMDU
Drive Inverter Front PM
N X325

INDU
Drive Inverter Front Induction
W X255

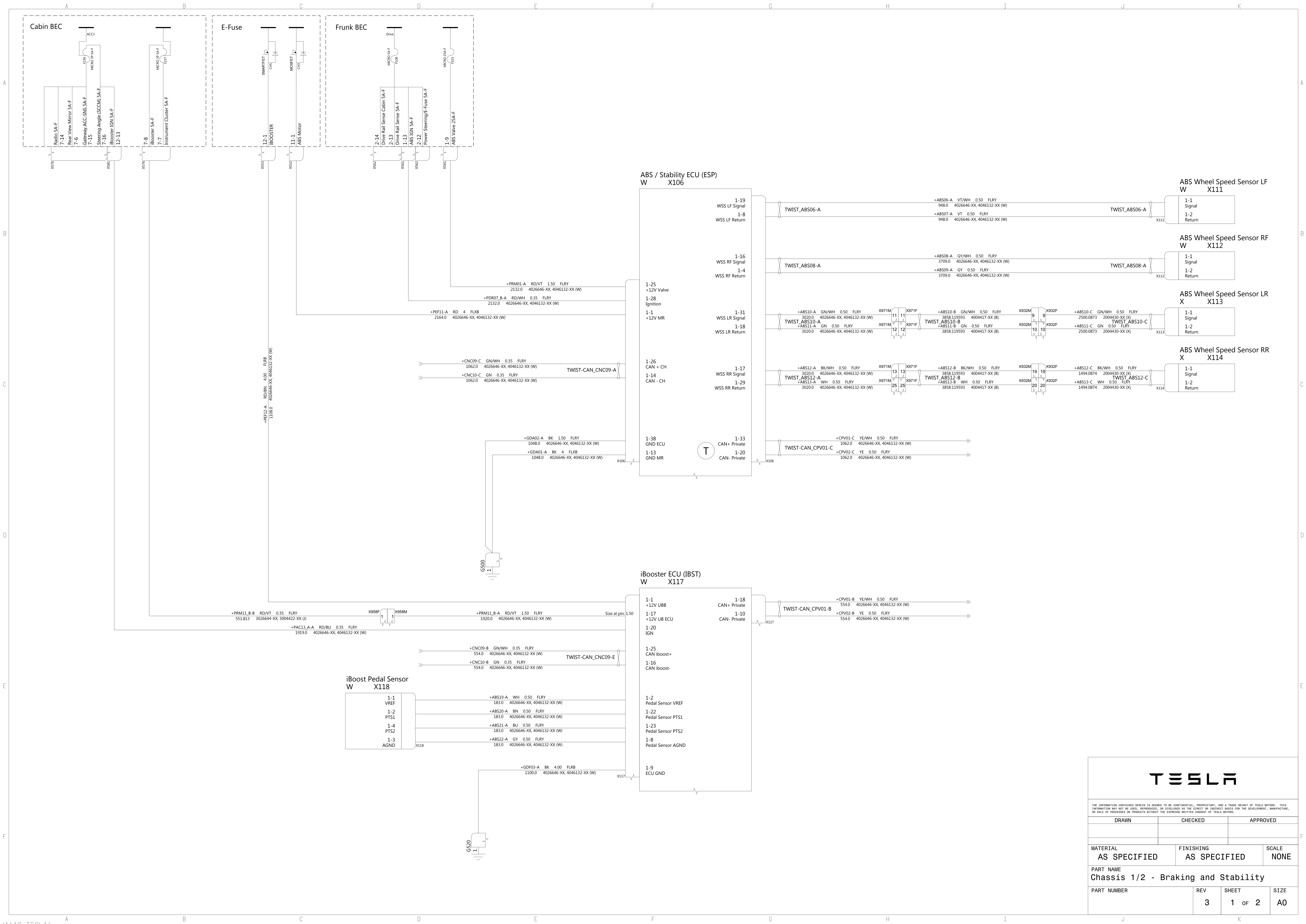
HVAC Compressor
W X085A X086A



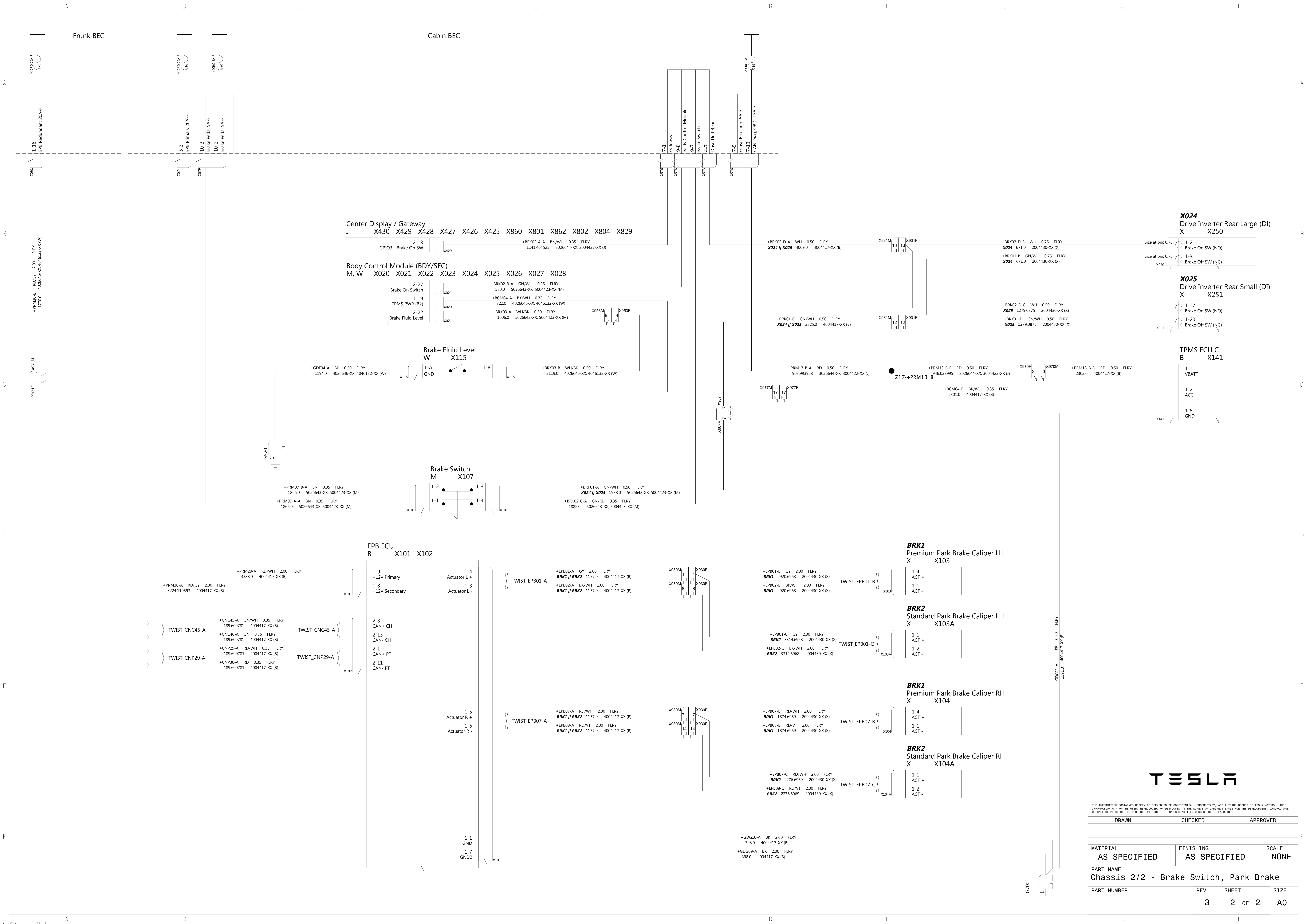
TESLA					
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DRAWN		CHECKED		APPROVED	
MATERIAL AS SPECIFIED		FINISHING AS SPECIFIED		SCALE NONE	
PART NAME CAN Network - Powertrain					
PART NUMBER		REV	SHEET	SIZE	
		3	1 of 1	AO	



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DRAWN		CHECKED		APPROVED	
MATERIAL AS SPECIFIED		FINISHING AS SPECIFIED		SCALE NONE	
PART NAME CAN Network - Private					
PART NUMBER			REV 4	SHEET 1 OF 1	SIZE AO



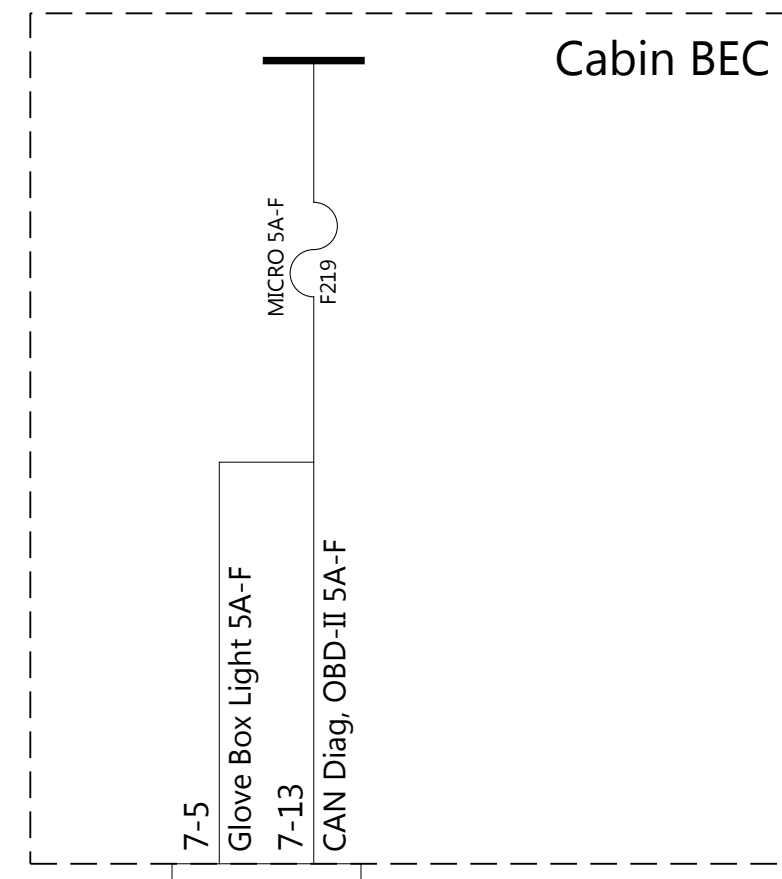
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DRAWN	CHECKED	APPROVED	
MATERIAL AS SPECIFIED		FINISHING AS SPECIFIED	SCALE NONE
PART NAME Chassis 1/2 - Braking and Stability			
PART NUMBER	REV 3	SHEET 1 of 2	SIZE AO



TESLA

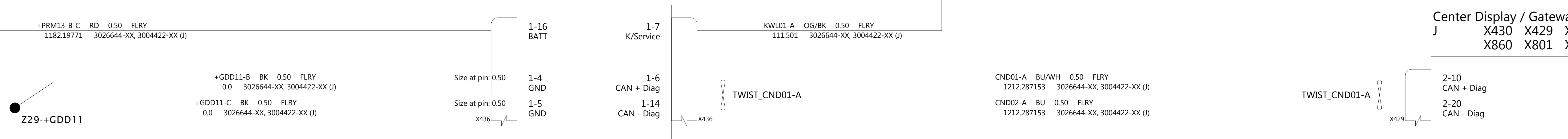
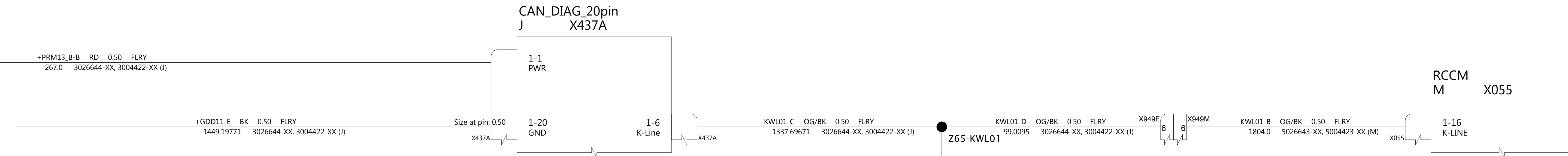
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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME Chassis 2/2 - Brake Switch, Park Brake		
PART NUMBER	REV 3	SHEET 2 OF 2
		SIZE AO



+PRM13_B-A
903.993988
RD 0.50 FLYRY
3026644-XX, 3004422-XX (J)

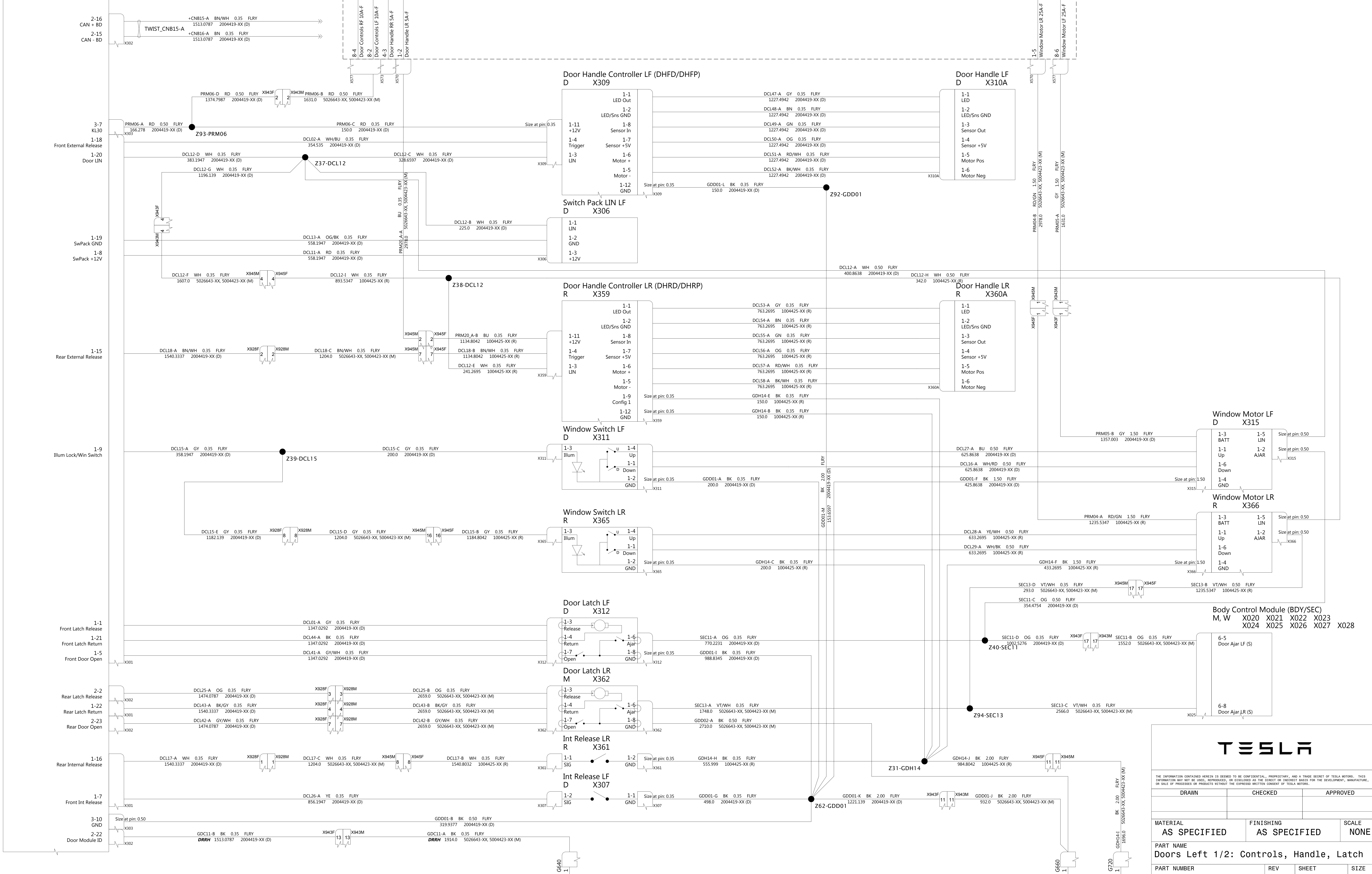
Z17-+PRM13_B



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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

Cabin BEC

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

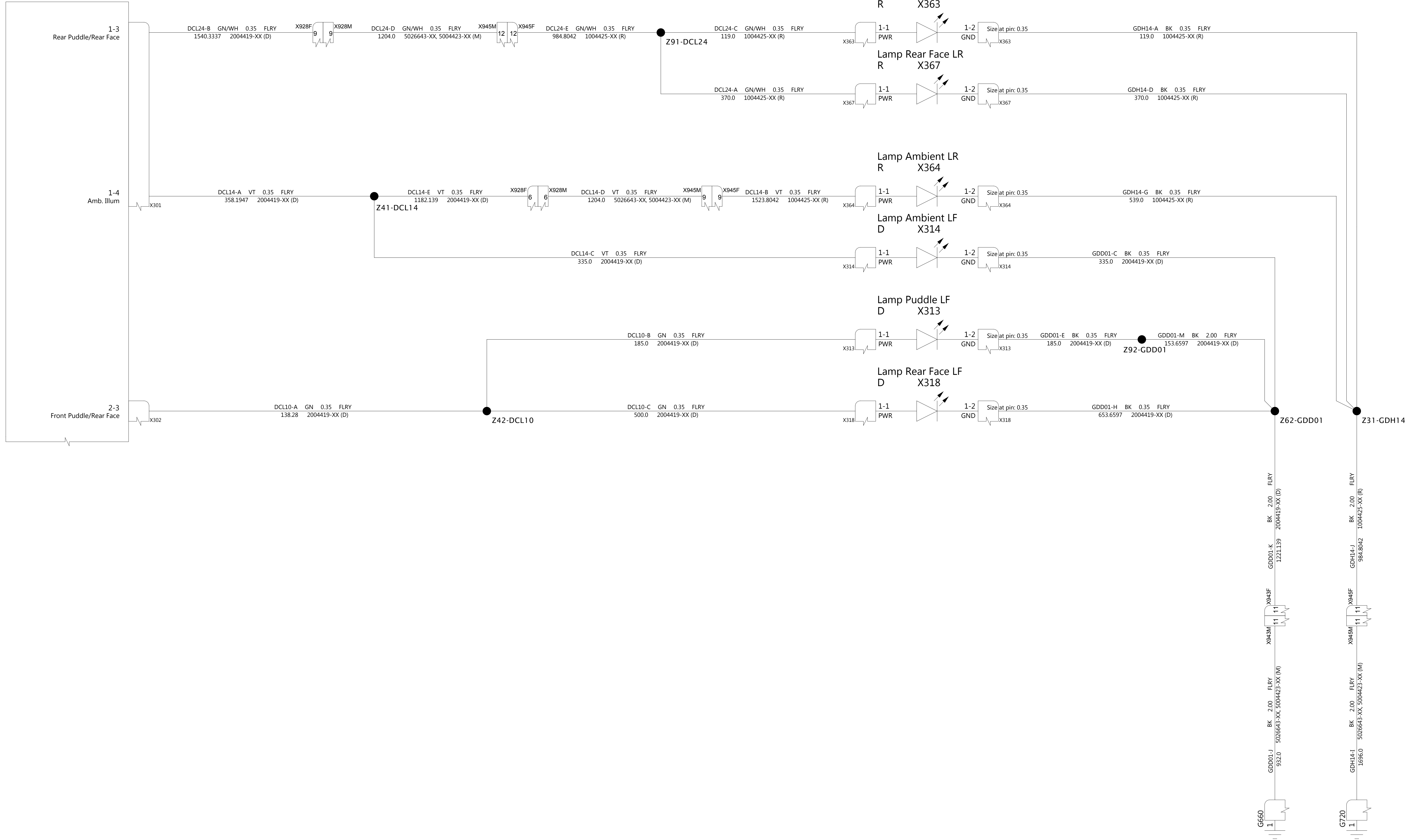


TESLA

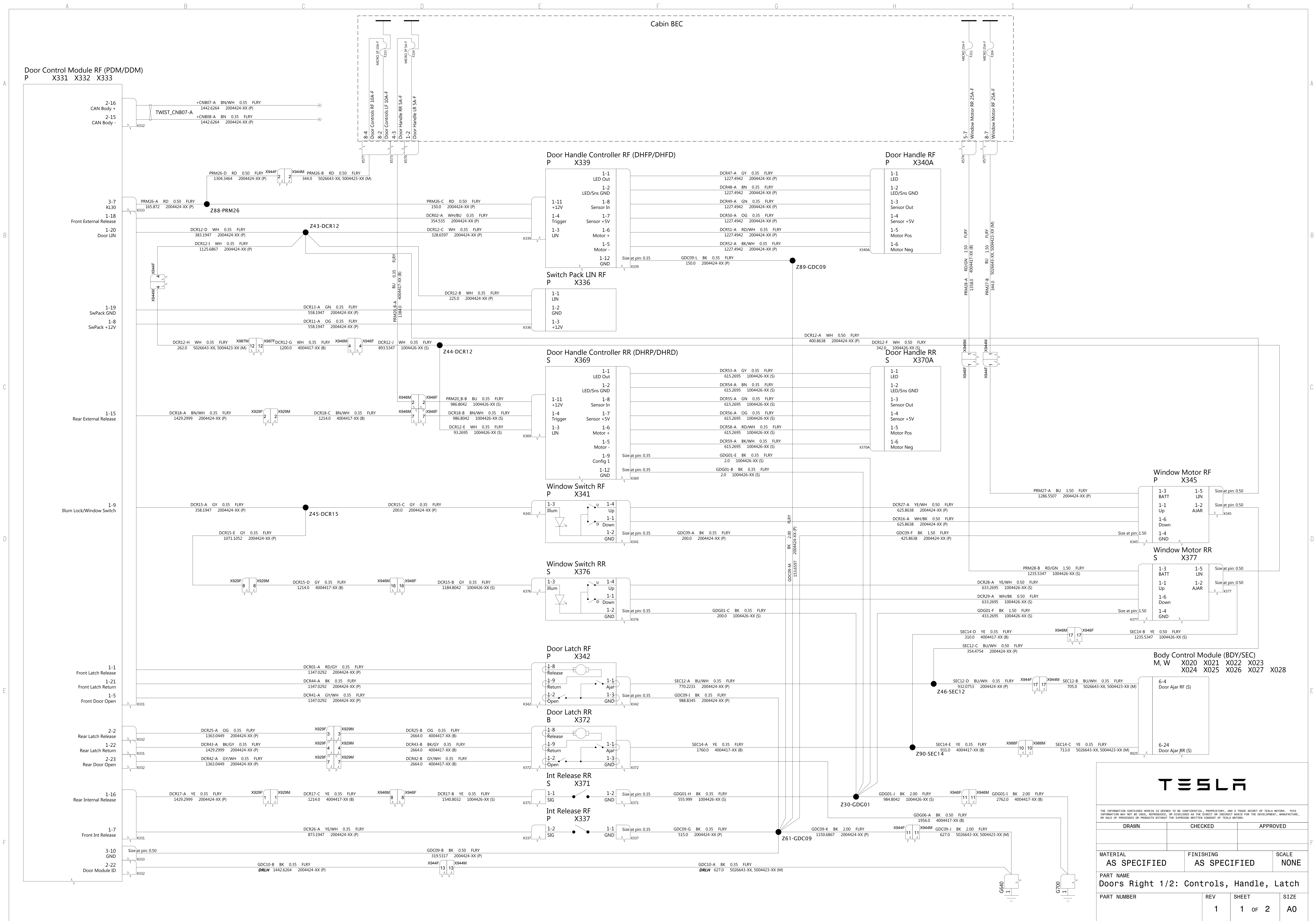
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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME Doors Left 1/2: Controls, Handle, Latch		
PART NUMBER	REV 1	SHEET 1 of 2
	SIZE AO	

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



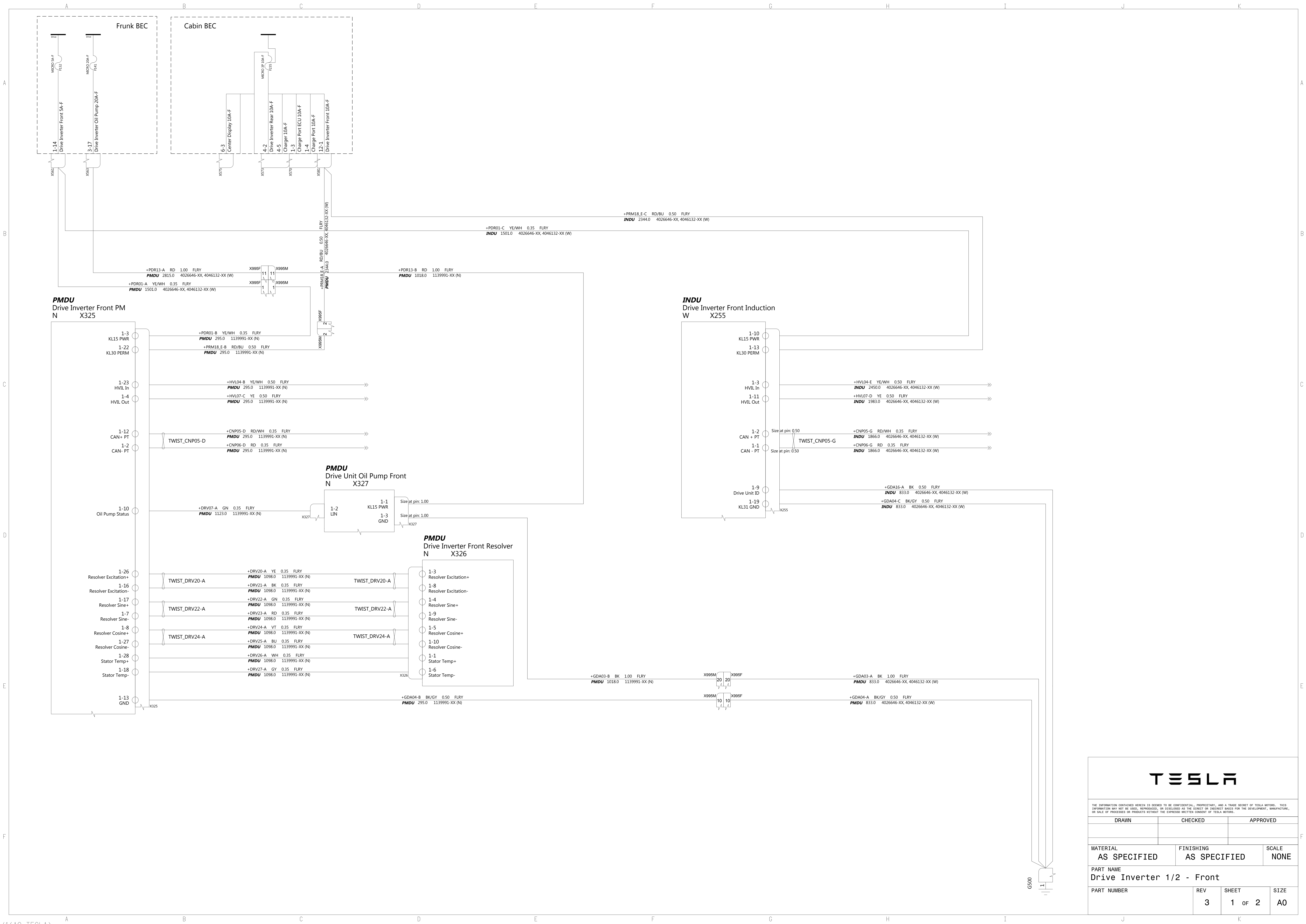
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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME Doors Left 2/2: Light		
PART NUMBER	REV 1	SHEET 2 OF 2
		SIZE AO



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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 AO	



TESLA

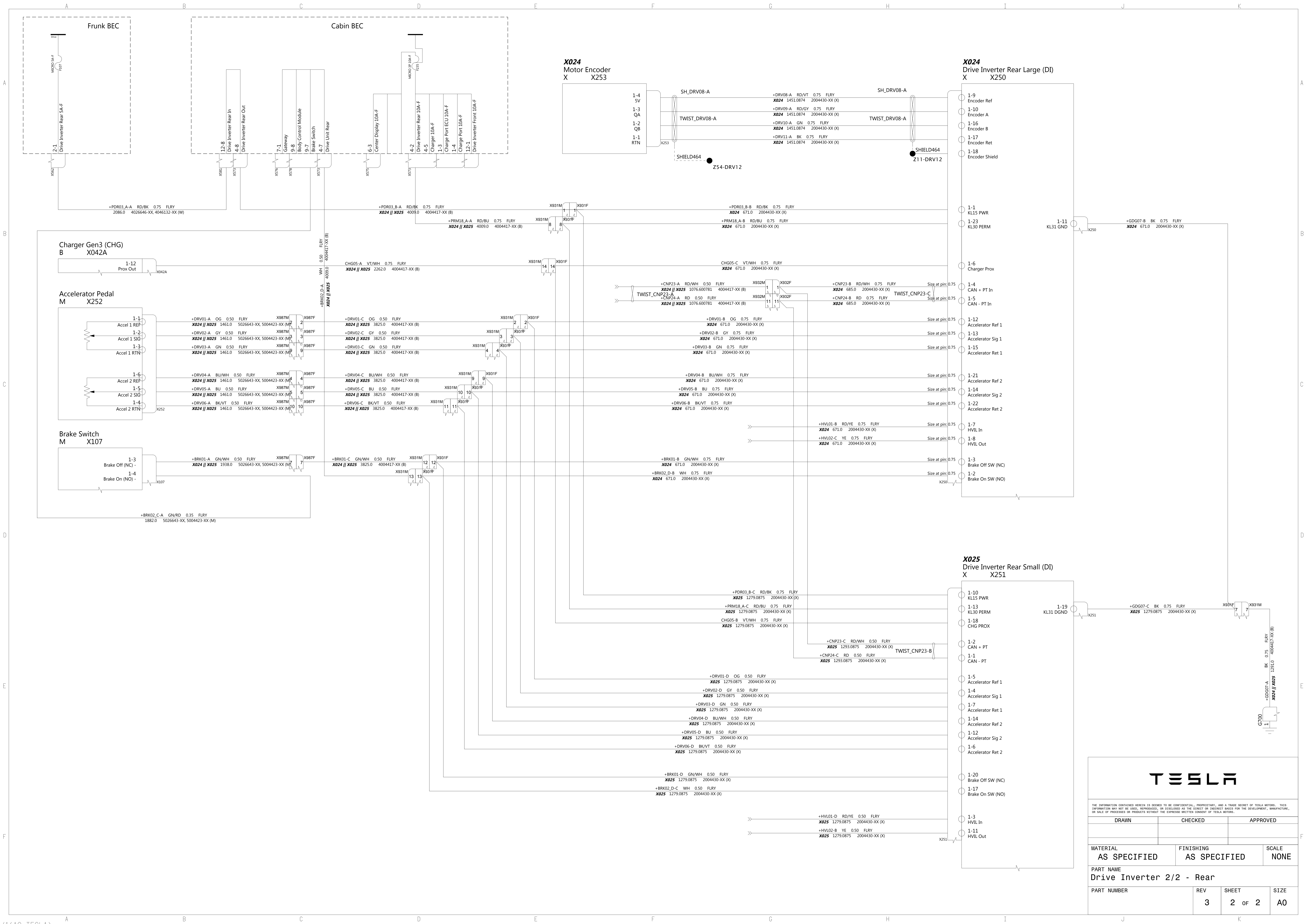
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DRAWN	CHECKED	APPROVED

MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
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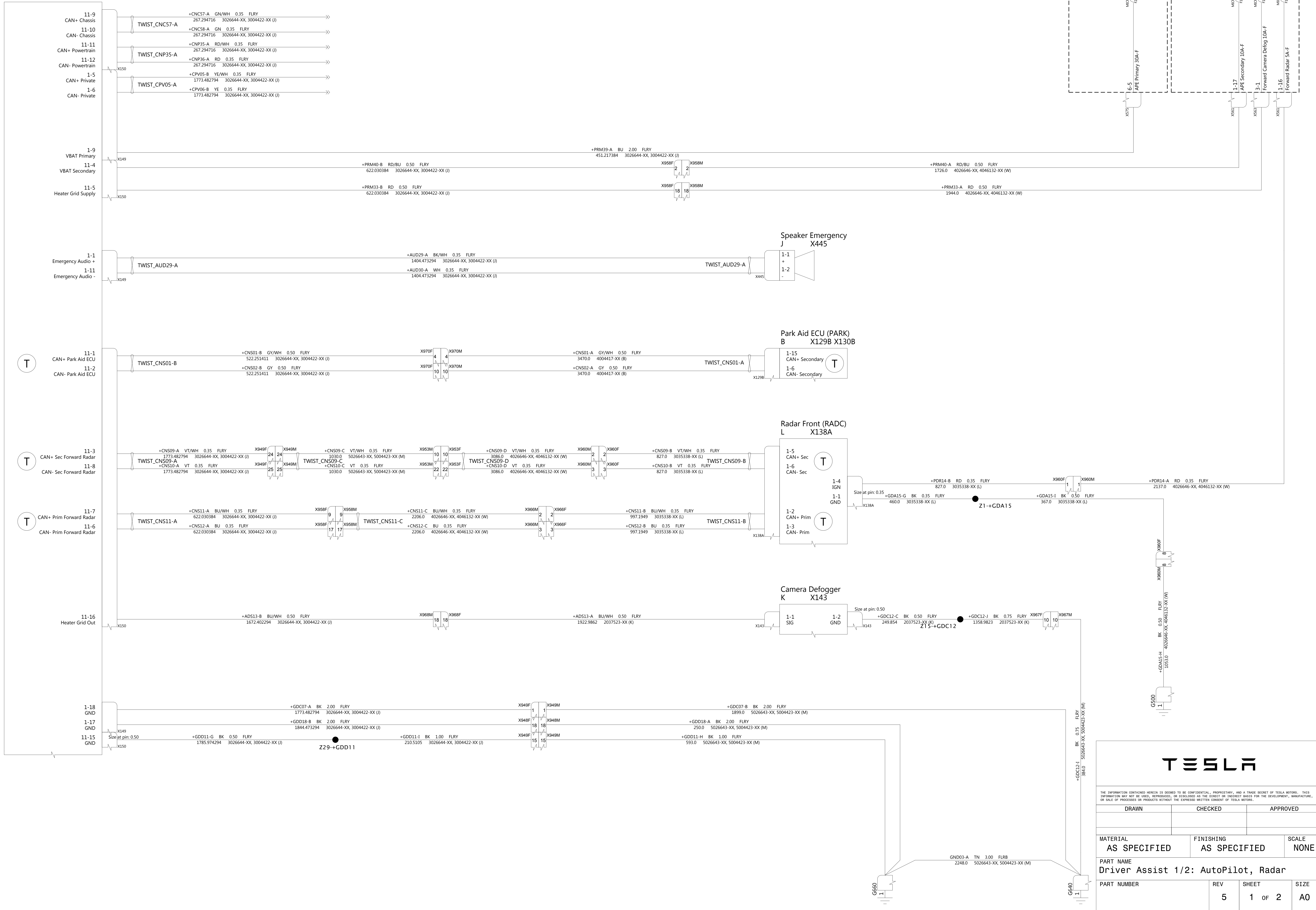
PART NAME
Drive Inverter 1/2 - Front

PART NUMBER	REV 3	SHEET 1 of 2	SIZE AO
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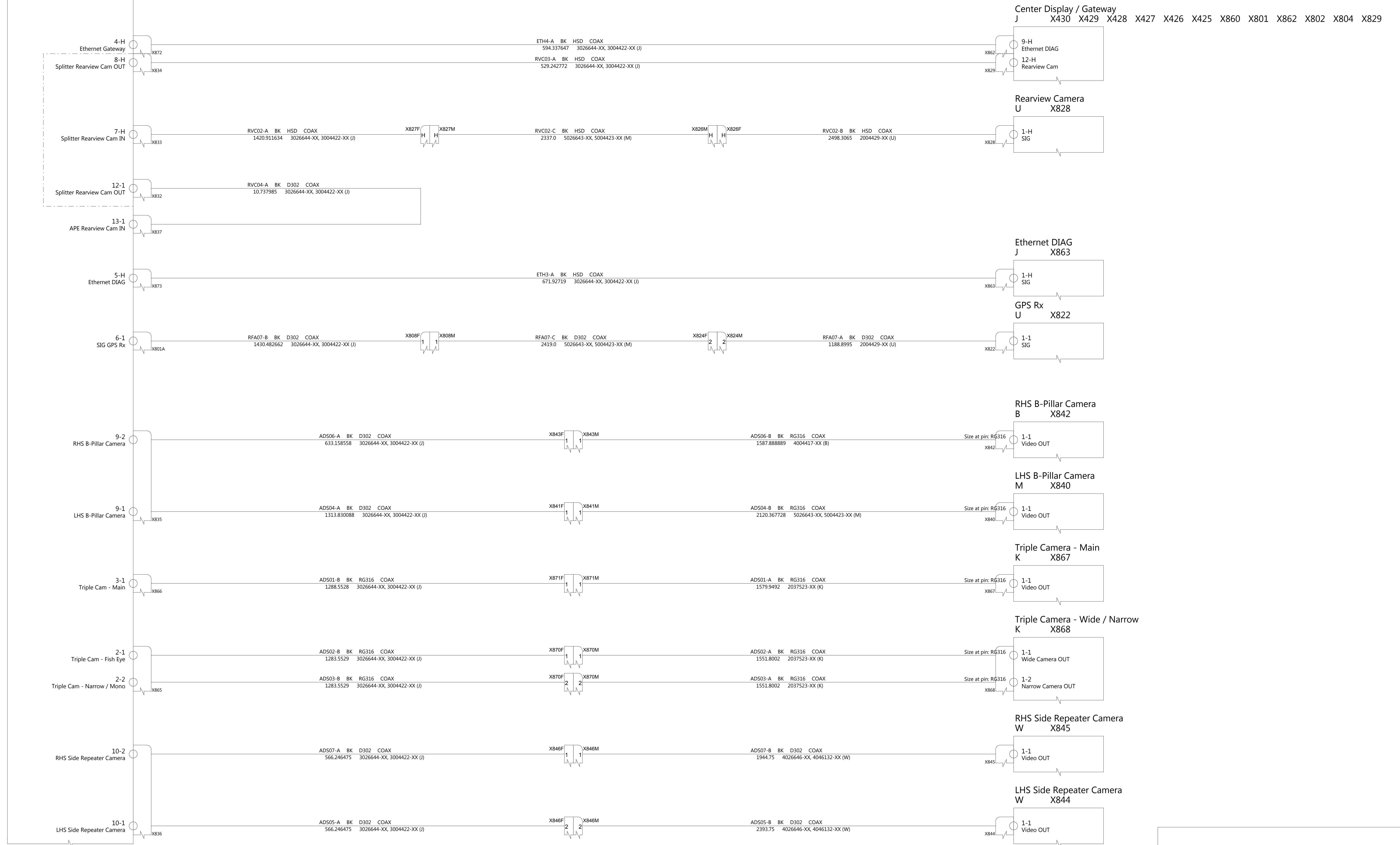
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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME Drive Inverter 2/2 - Rear		
PART NUMBER	REV 3	SHEET 2 OF 2
		SIZE AO

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

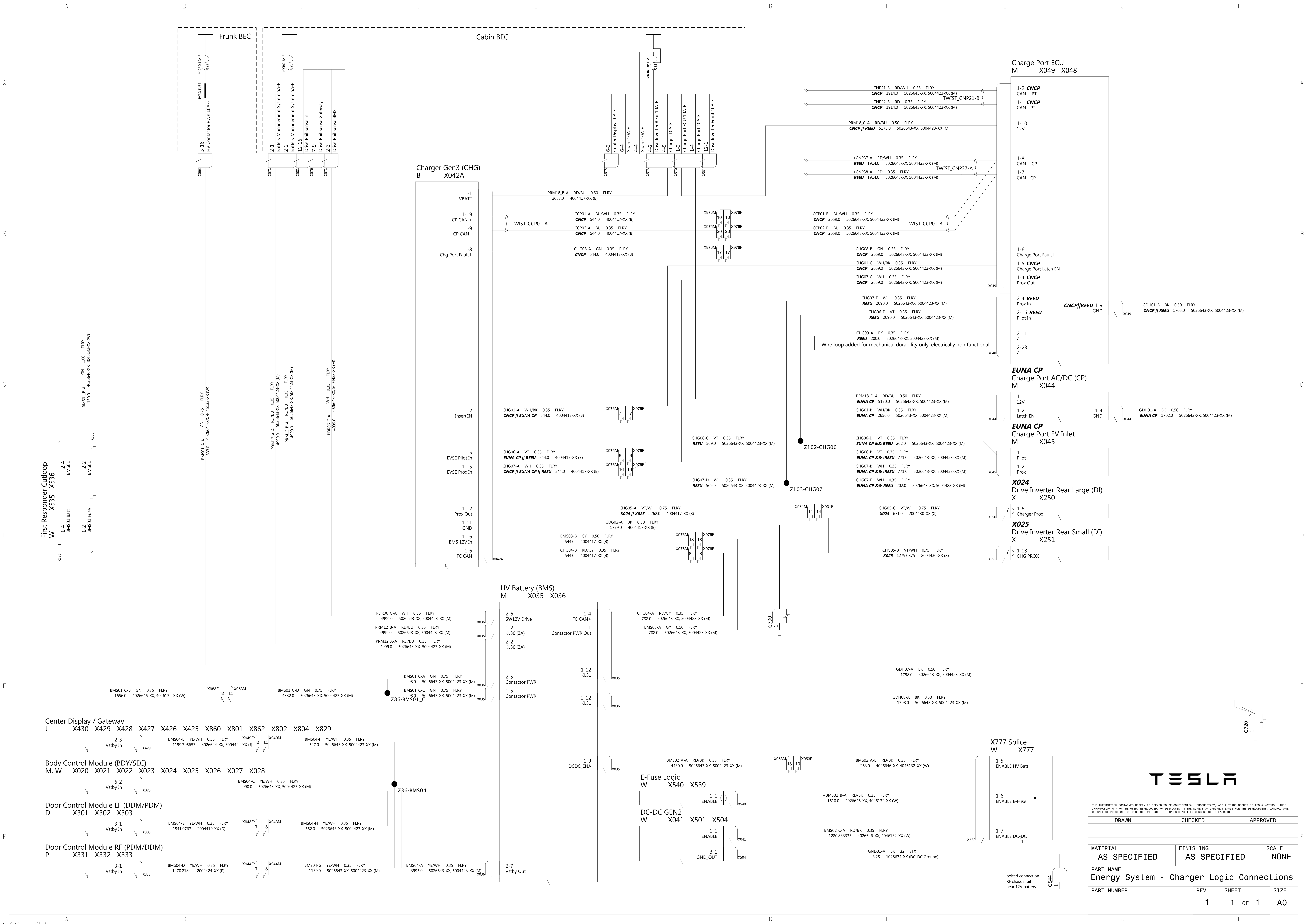


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DRAWN		CHECKED	
APPROVED			
MATERIAL	FINISHING	SCALE	
AS SPECIFIED	AS SPECIFIED	NONE	
PART NAME			
Driver Assist 1/2: AutoPilot, Radar			
PART NUMBER		REV	SHEET
		5	1 of 2
			SIZE
			A0

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

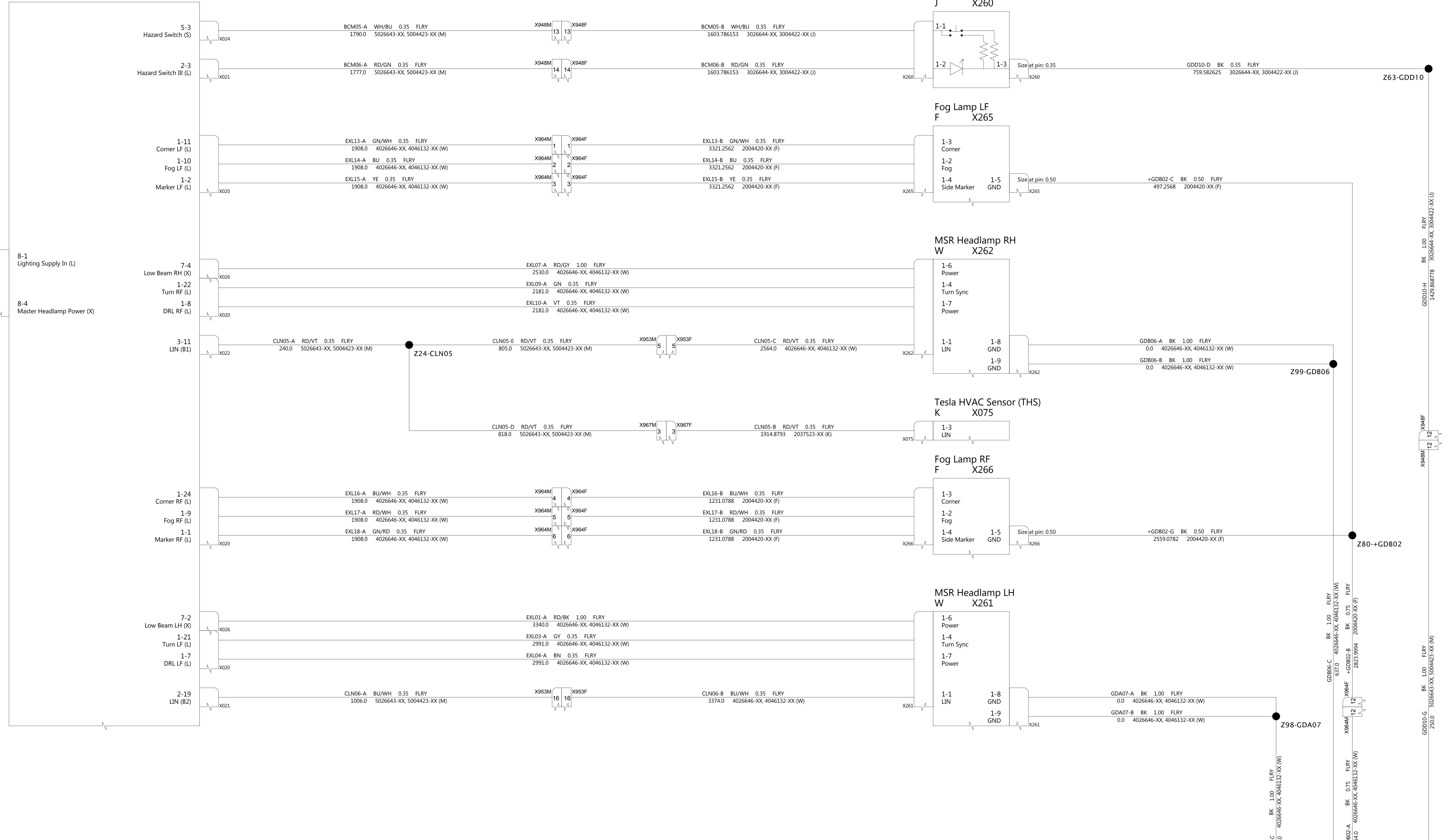


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DRAWN	CHECKED	APPROVED	
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE	
PART NAME Driver Assist 2/2: Cameras			
PART NUMBER	REV 5	SHEET 2 OF 2	SIZE A0

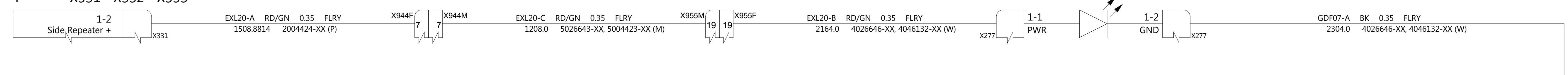


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DRAWN	CHECKED	APPROVED	
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE	
PART NAME Energy System - Charger Logic Connections			
PART NUMBER	REV 1	SHEET 1 of 1	SIZE A0

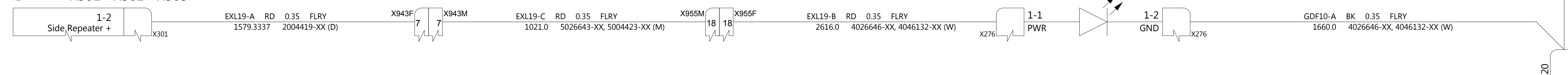
Body Control Module (BDY/SEC)
M, W X020 X021 X022 X023 X024 X025 X026 X027 X028



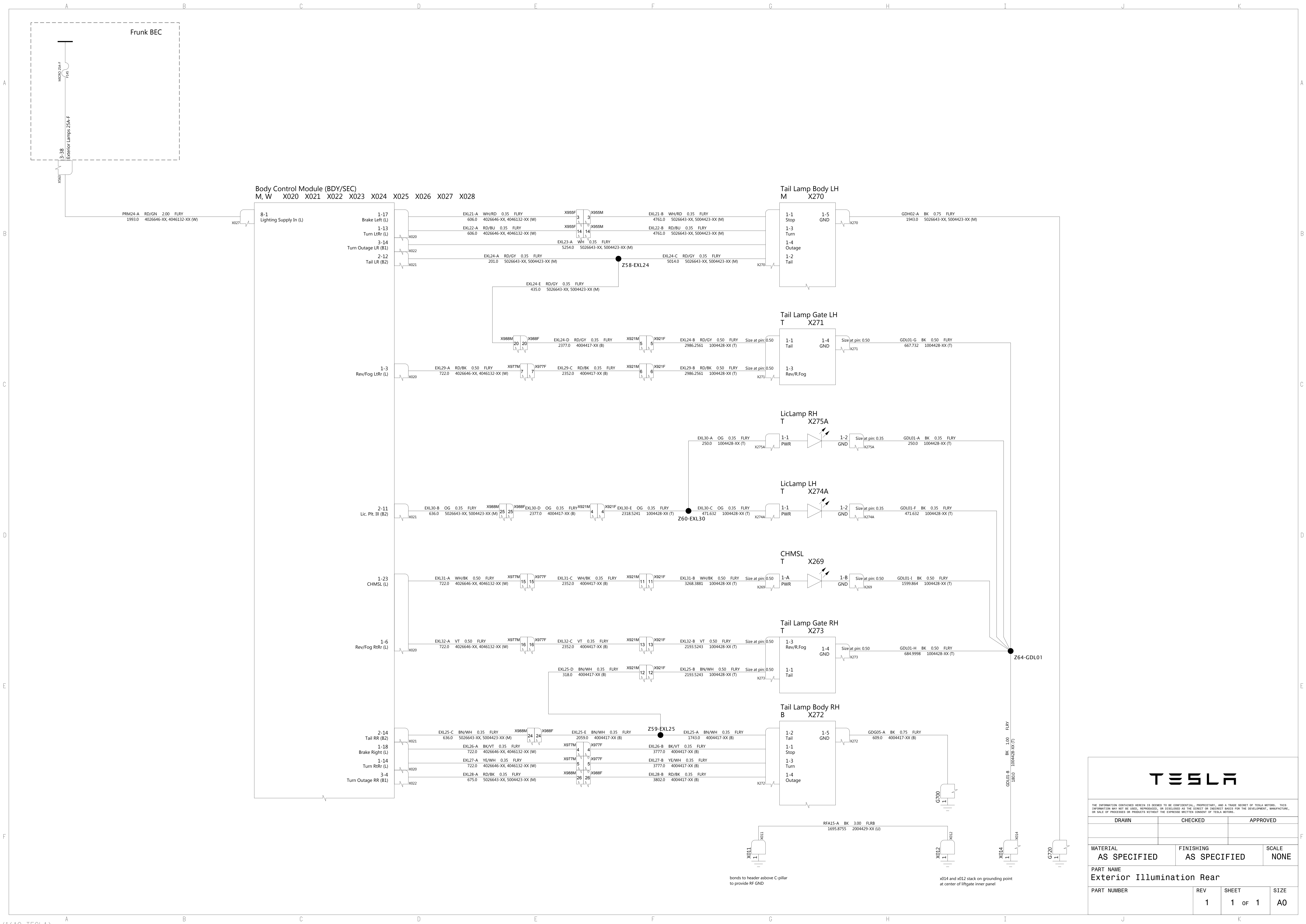
Door Control Module RF (PDM/DDM)
P X331 X332 X333



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



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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME Exterior Illumination Front		
PART NUMBER	REV 4	SHEET 1 of 1
		SIZE AO

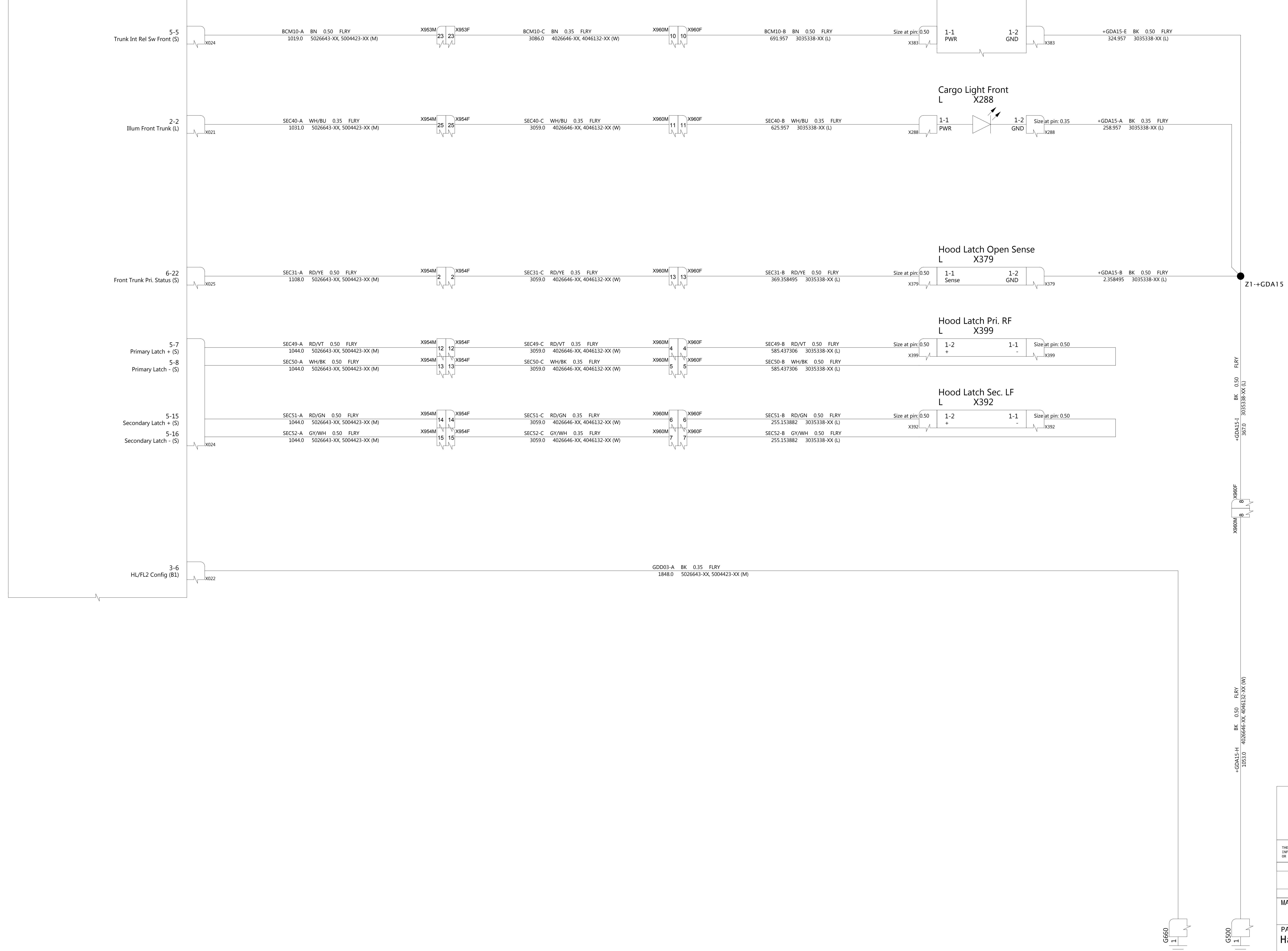


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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME Exterior Illumination Rear		
PART NUMBER	REV 1	SHEET 1 of 1
		SIZE AO

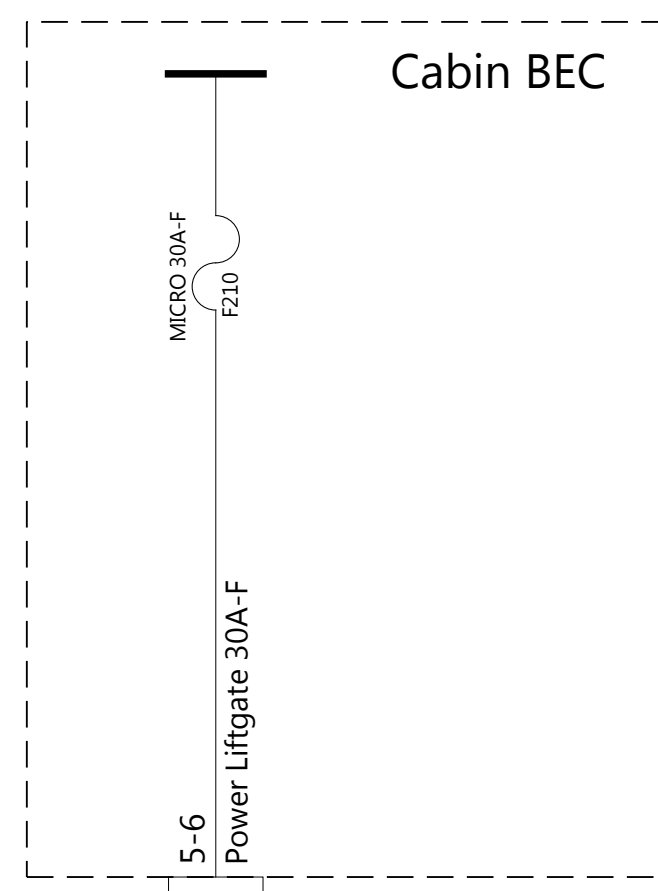
Body Control Module (BDY/SEC)
M, W X020 X021 X022 X023 X024 X025 X026 X027 X028



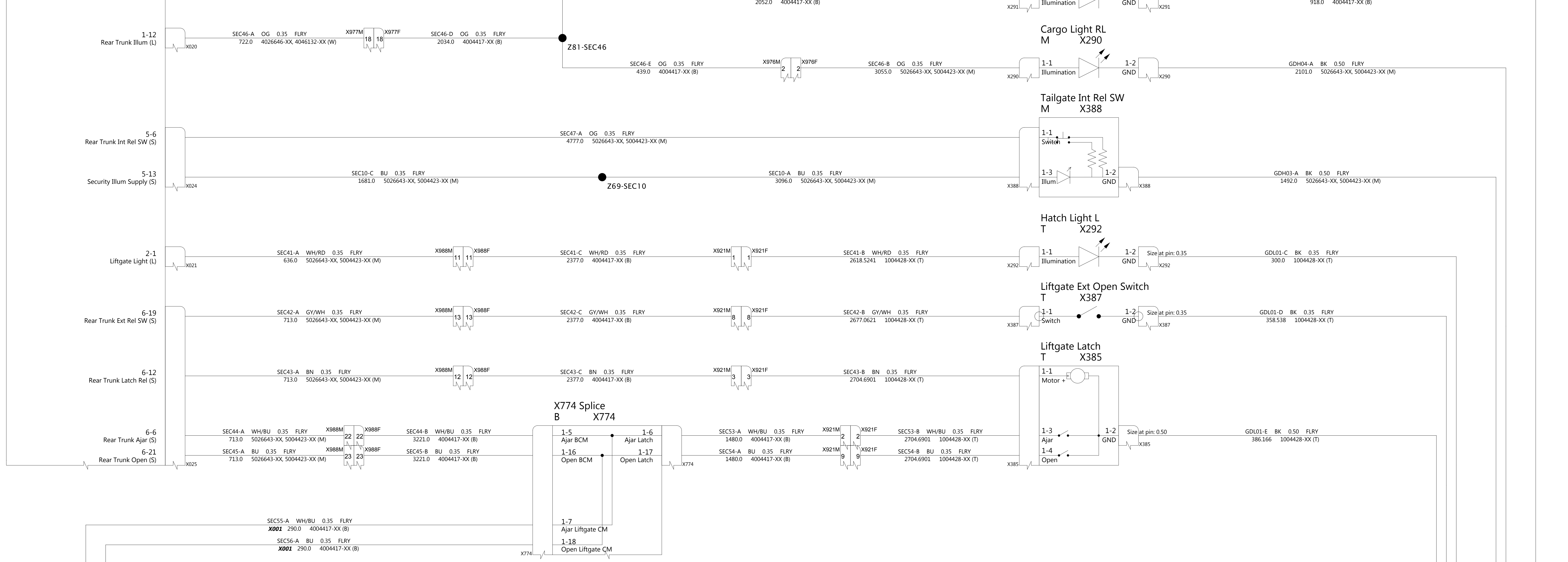
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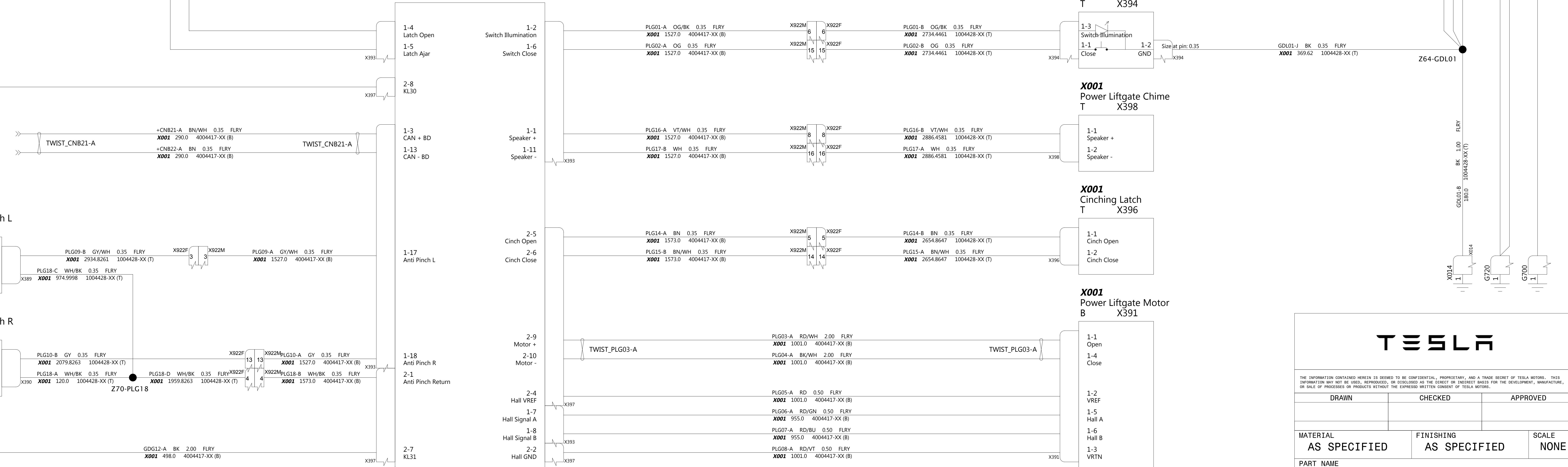
DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME Hatch Front Actuators/Sensors		
PART NUMBER	REV 2	SHEET 1 of 1
		SIZE AO



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

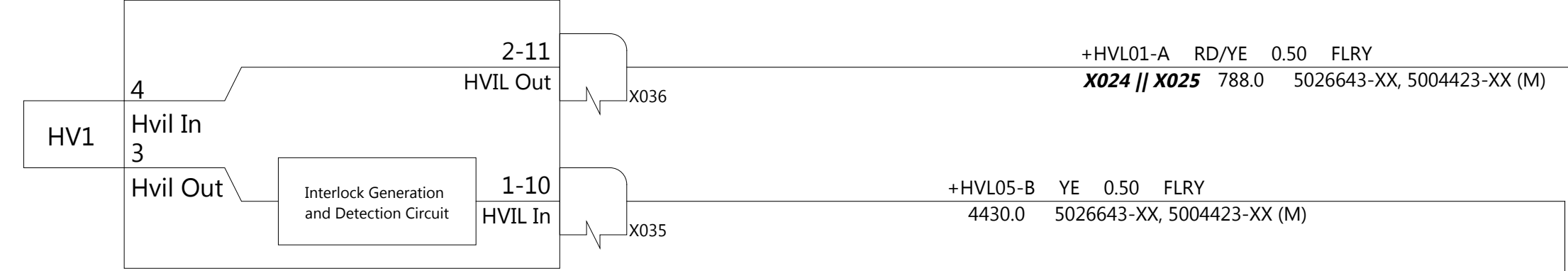


X001 Power Liftgate Control Module (LFT)
B X393 X397

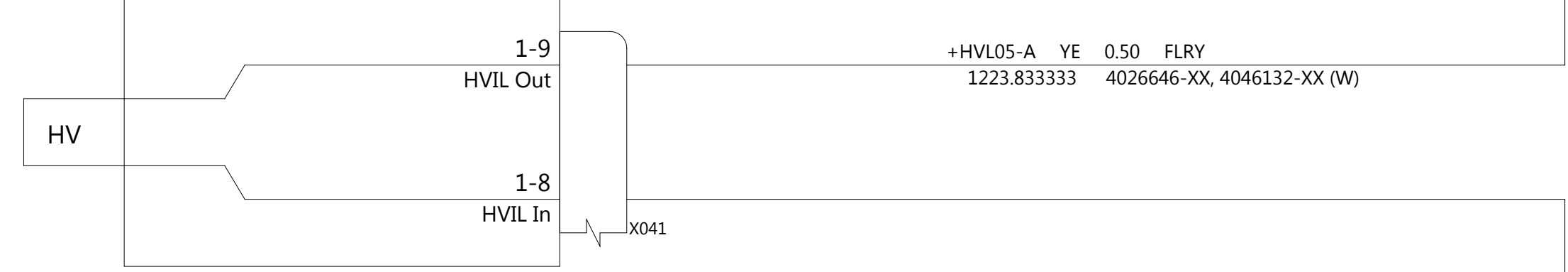


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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME Hatch Rear Actuators/Sensors		
PART NUMBER	REV 1	SHEET 1 of 1
	SIZE AO	

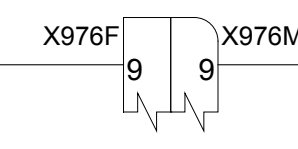
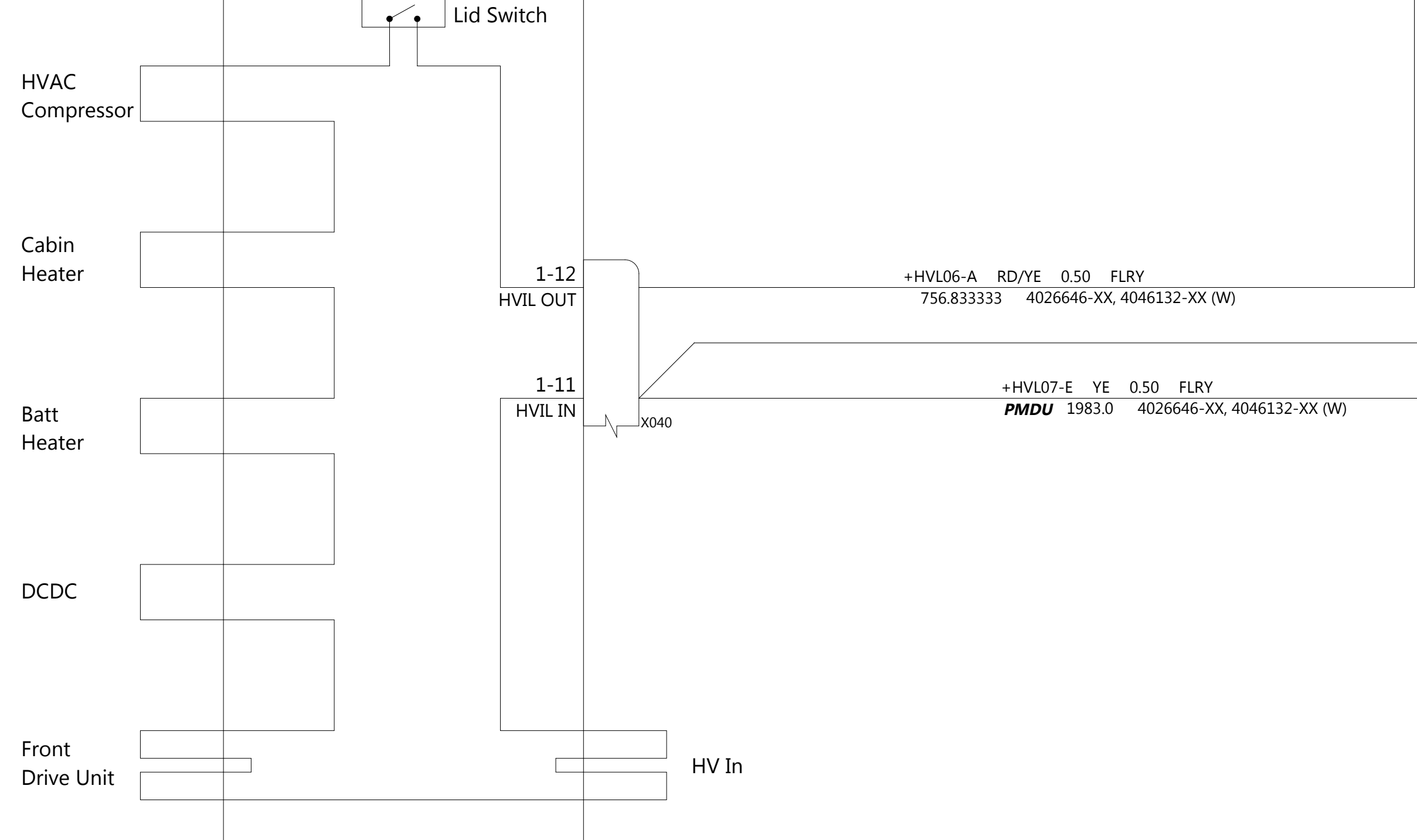
HV Battery (BMS)
M X035



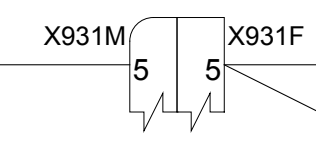
DC-DC GEN2
W X041 X501



Front HVJB
W X040

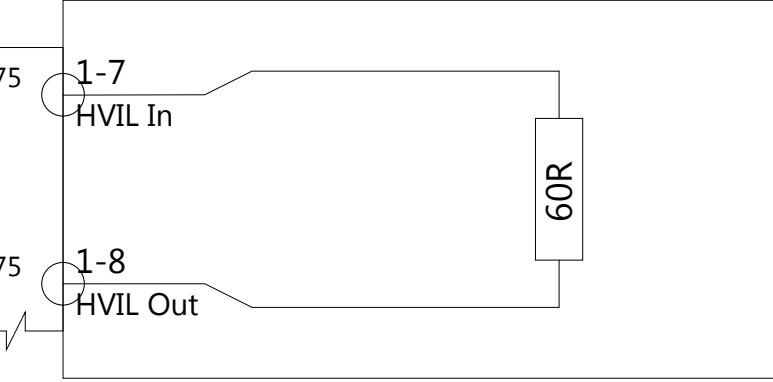


+HVL01-A RD/YE 0.50 FLYR
X024 || X025 788.0 5026643-XX, 5004423-XX (M)

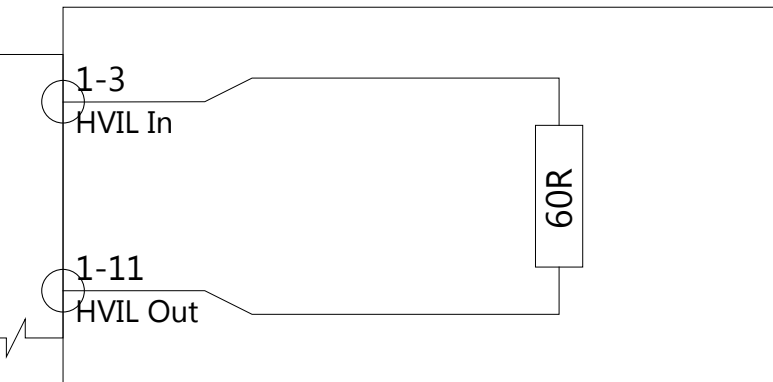


+HVL01-B RD/YE 0.75 FLYR
X024 671.0 2004430-XX (X)

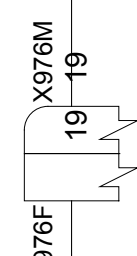
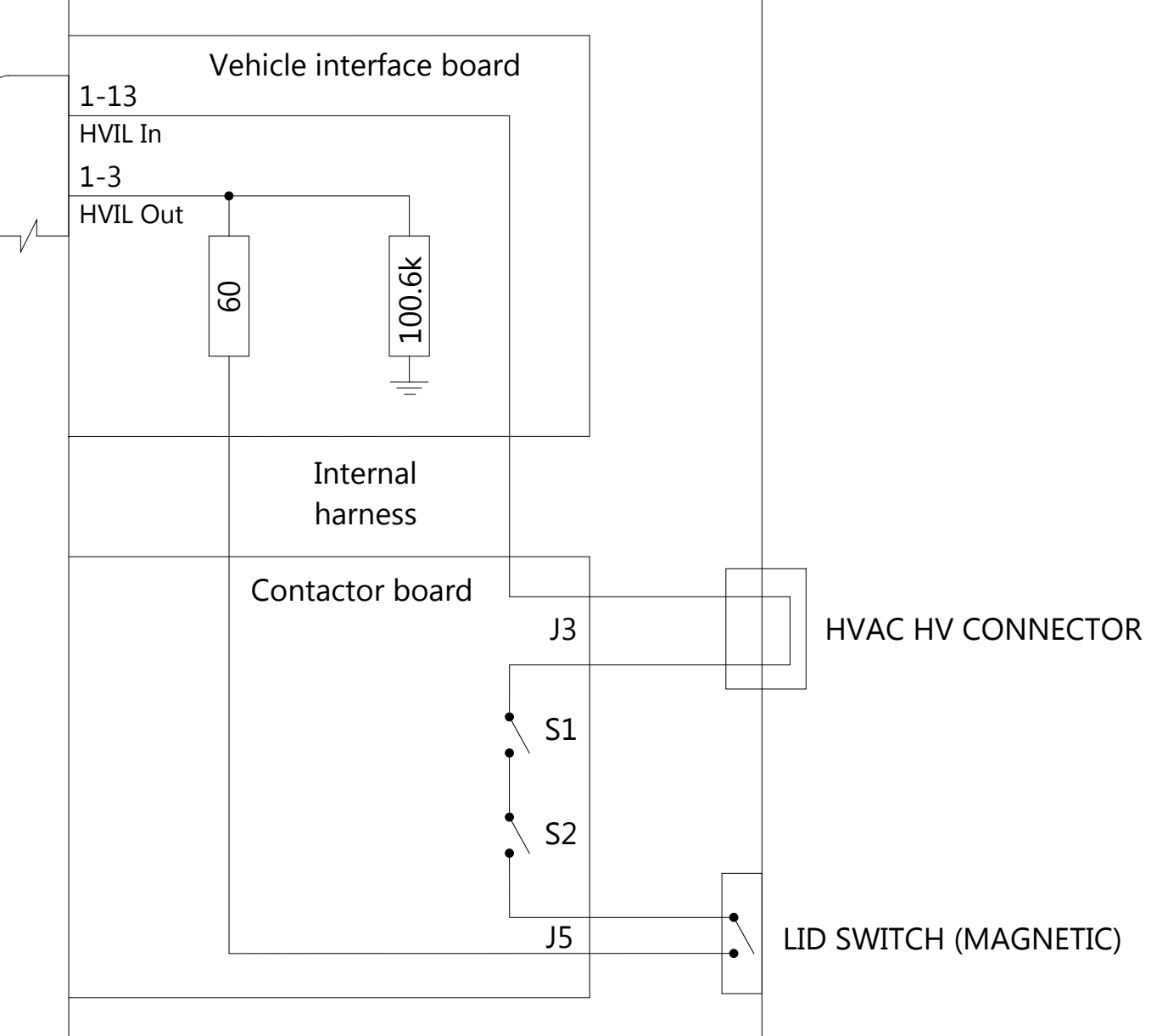
X024
Drive Inverter Rear Large (DI)
X X250



X025
Drive Inverter Rear Small (DI)
X X251



Charger Gen3 (CHG)
B X042A

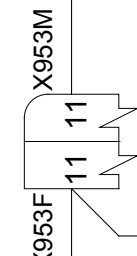


+HVL02-A YE 0.50 FLYR
X024 || X025 2262.0 4004417-XX (B)

+HVL04-A YE/WH 0.50 FLYR
INDU || PMDU 544.0 4004417-XX (B)

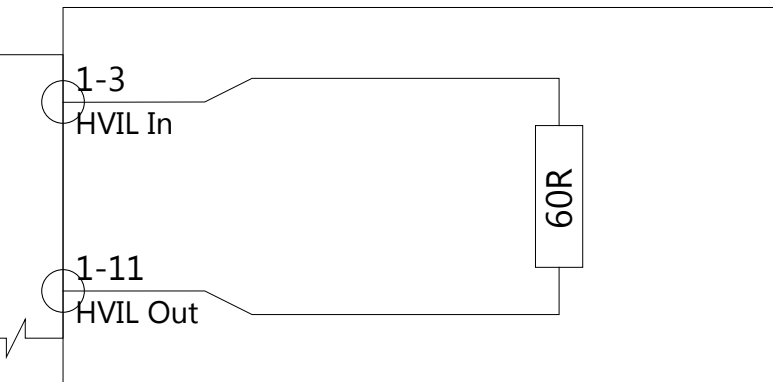


+HVL04-C YE/WH 0.50 FLYR
INDU || PMDU 4206.0 5026646-XX, 5004423-XX (M)

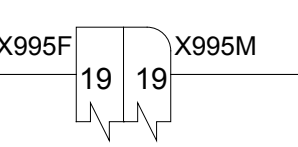
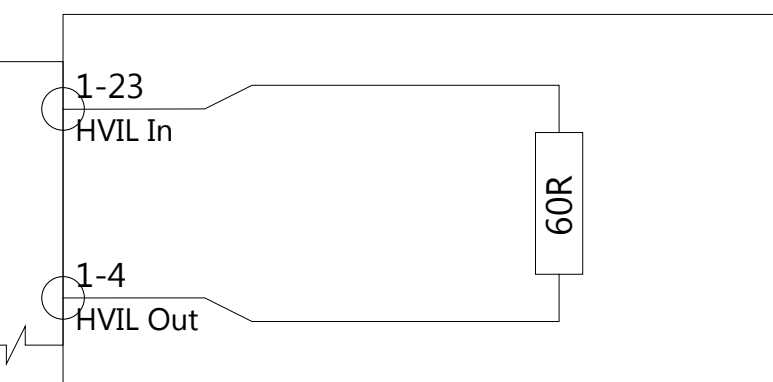


+HVL04-E YE/WH 0.50 FLYR
INDU 2450.0 4026646-XX, 4046132-XX (W)

INDU
Drive Inverter Front Induction
W X255

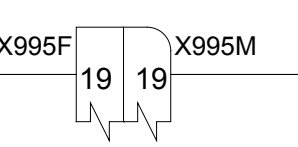


PMDU
Drive Inverter Front PM
N X325



+HVL07-D YE 0.50 FLYR
INDU 1983.0 4026646-XX, 4046132-XX (W)

+HVL07-C YE 0.50 FLYR
PMDU 295.0 1139991-XX (N)



+HVL04-D YE/WH 0.50 FLYR
PMDU 2450.0 4026646-XX, 4046132-XX (W)

+HVL04-B YE/WH 0.50 FLYR
PMDU 295.0 1139991-XX (N)

TESLA

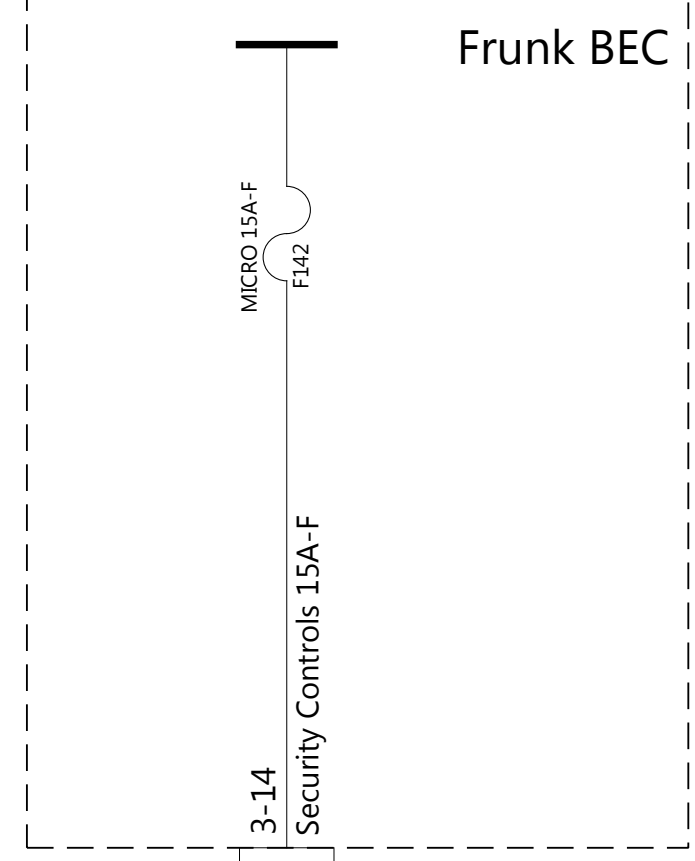
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DRAWN	CHECKED	APPROVED
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MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
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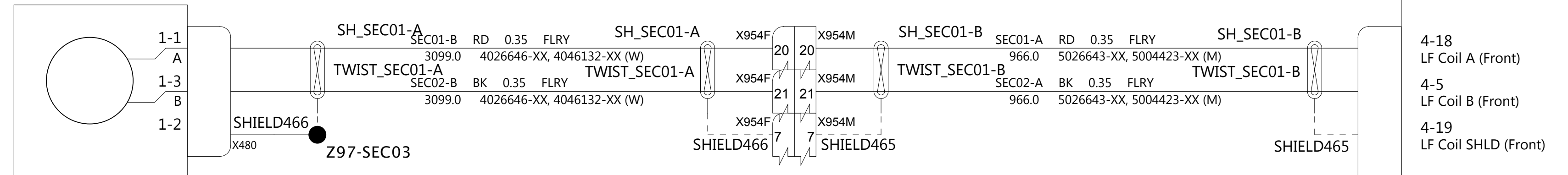
PART NAME
High Voltage Interlock (HVIL)

PART NUMBER	REV 2	SHEET 1 of 1	SIZE AO
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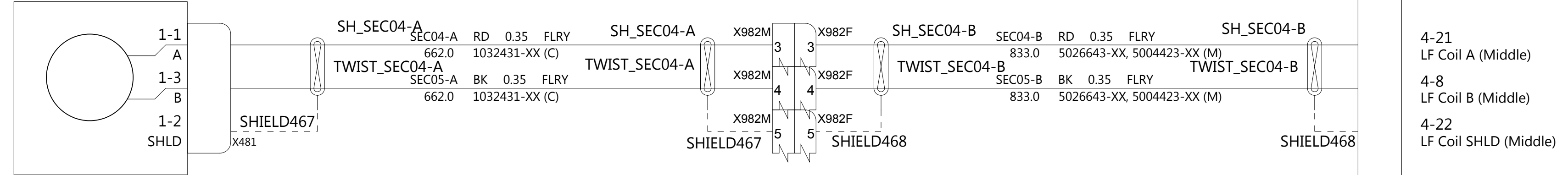


Body Control Module (BDY/SEC)
M, W X020 X021 X022 X023 X024 X025 X026 X027 X028

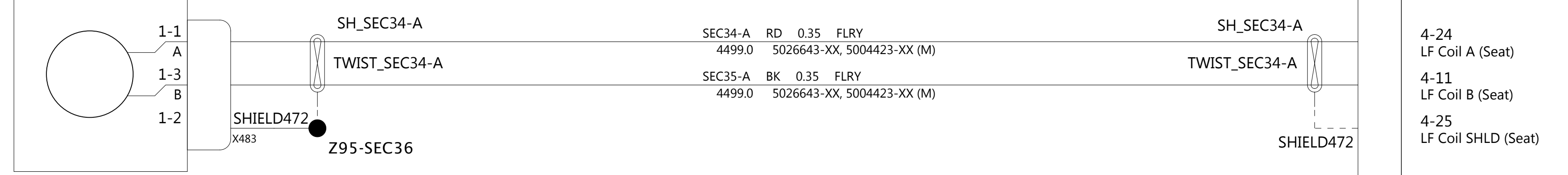
LF Coil Front
W X480



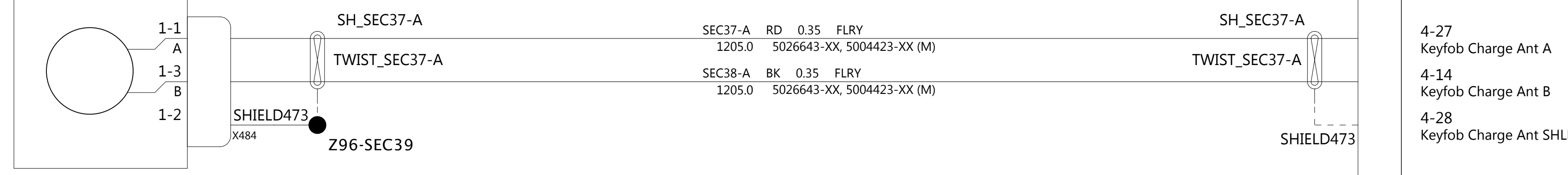
LF Coil Middle
C X481



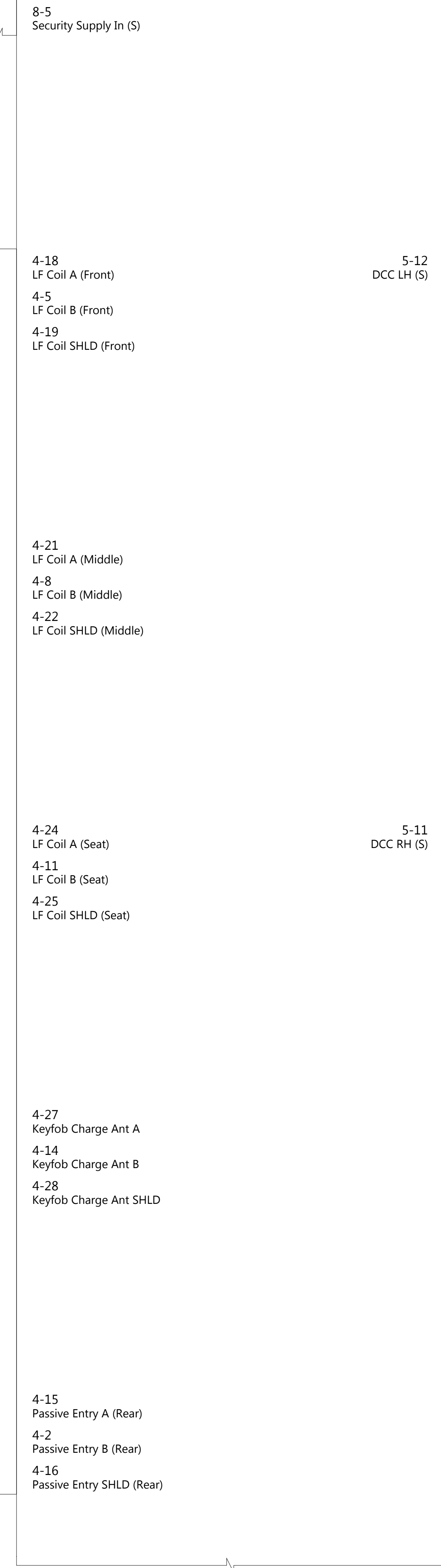
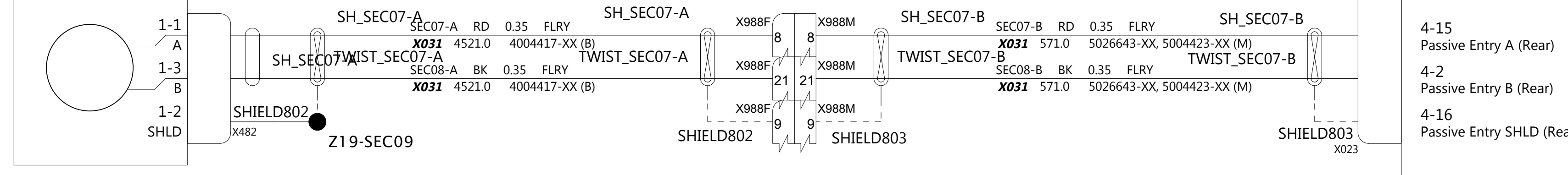
LF Coil Seat
M X483



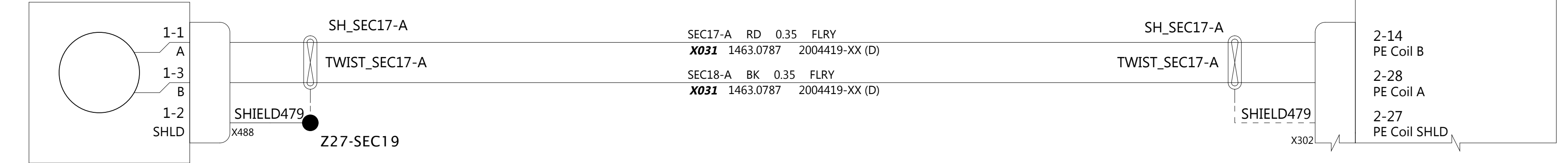
Keyfob Charge Ant
M X484



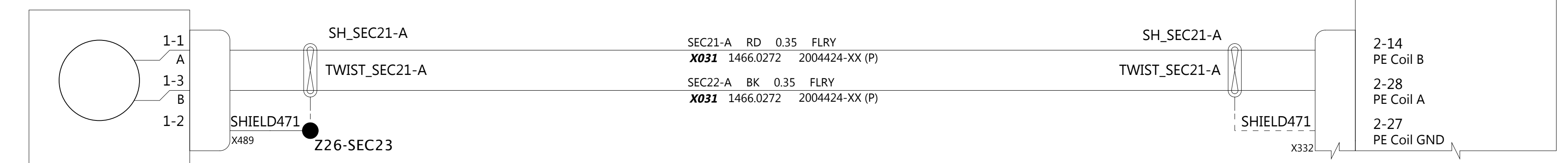
Passive Entry Ant Rear
B X482



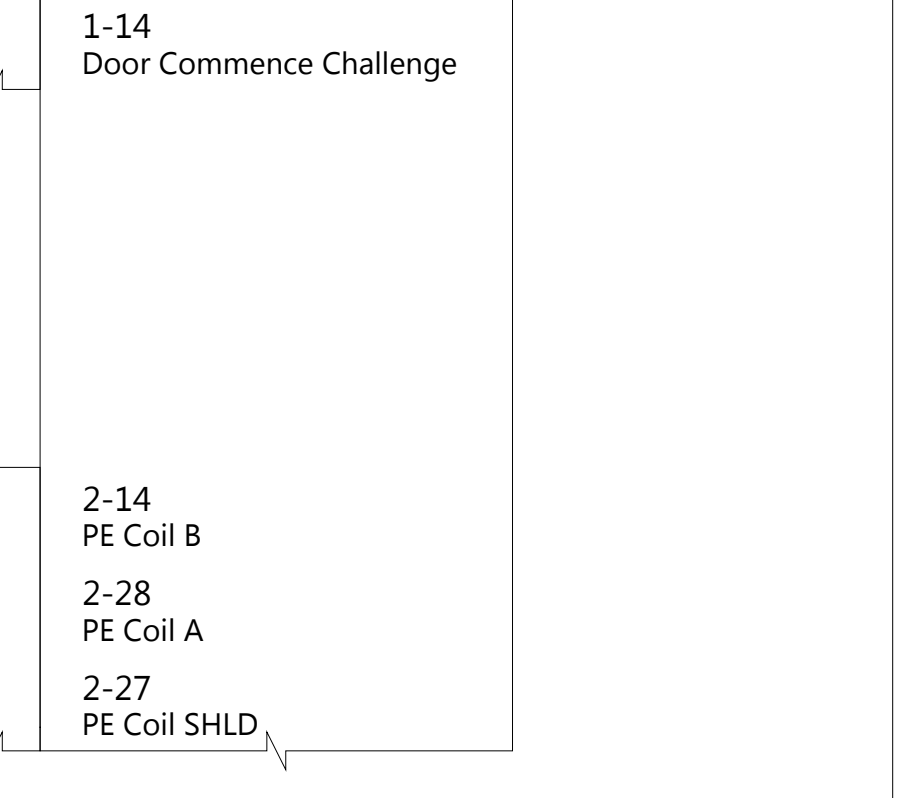
Passive Entry Ant LF
D X488



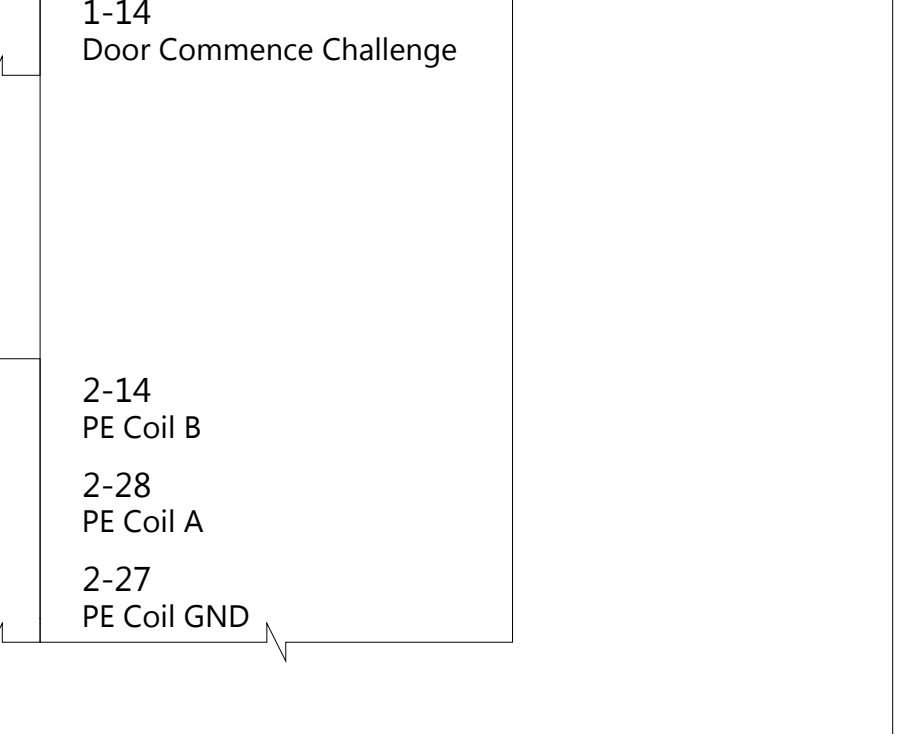
Passive Entry Ant RF
P X489



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

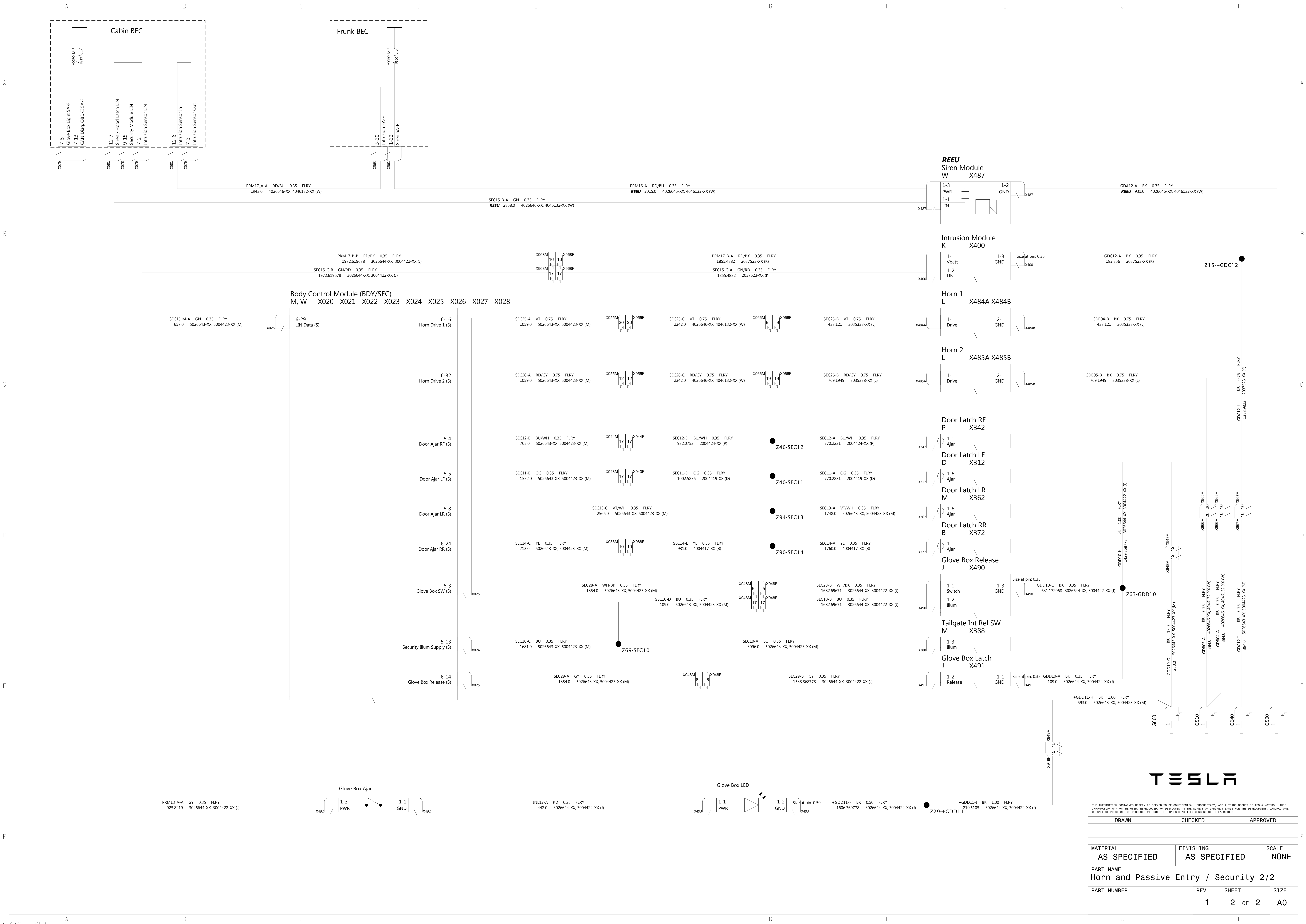


Door Control Module RF (PDM/DDM)
P X331 X332 X333



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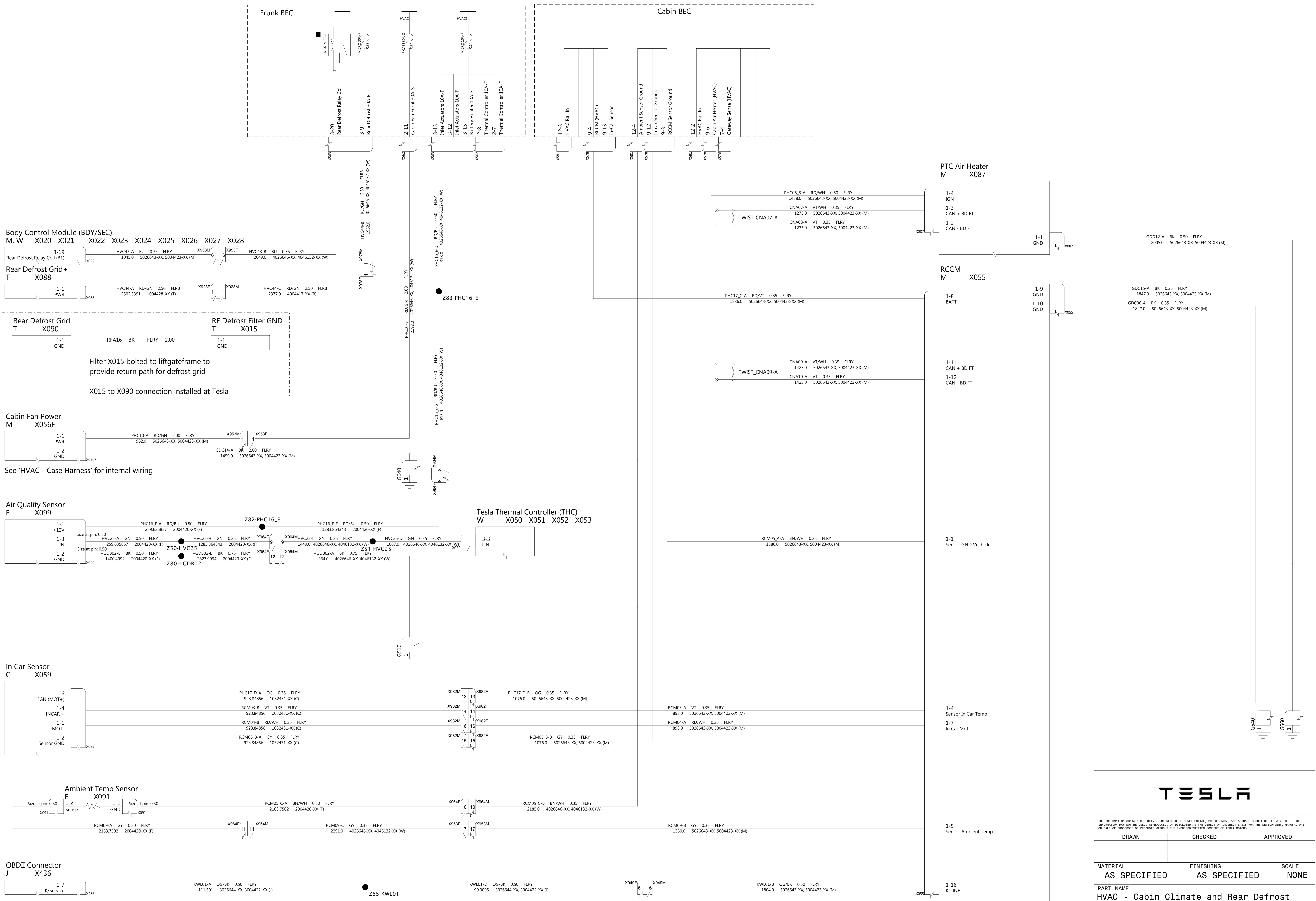
DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME Horn and Passive Entry / Security 1/2		
PART NUMBER	REV 1	SHEET 1 of 2
		SIZE AO



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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 AO



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

Rear Defrost Relay Coil (B1)
X022

Rear Defrost Grid+T
X088

Rear Defrost Grid -T
X090

RF Defrost Filter GND
T 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

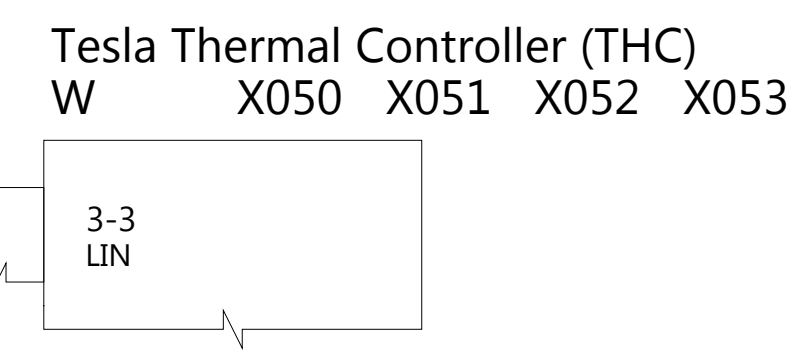
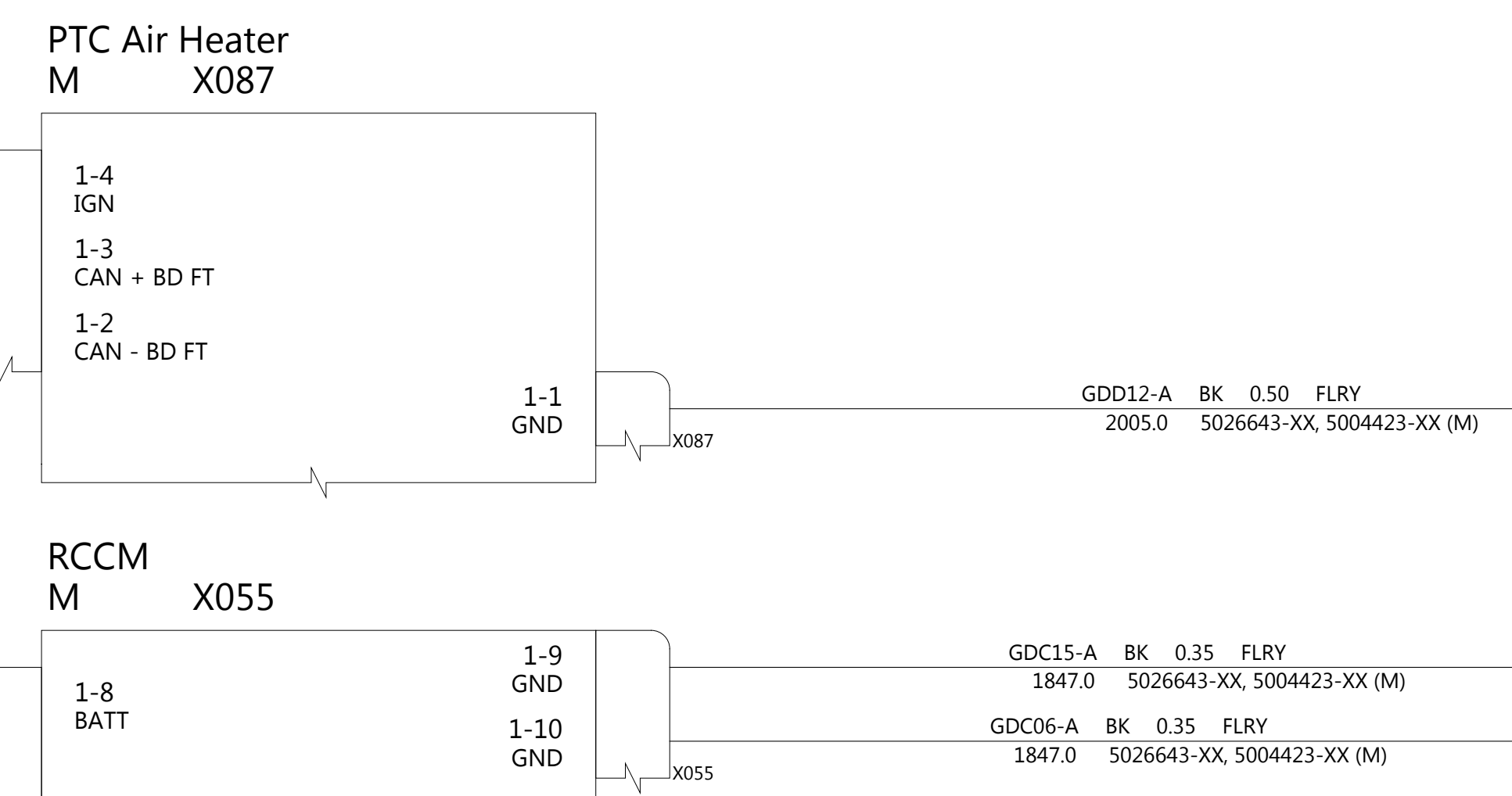
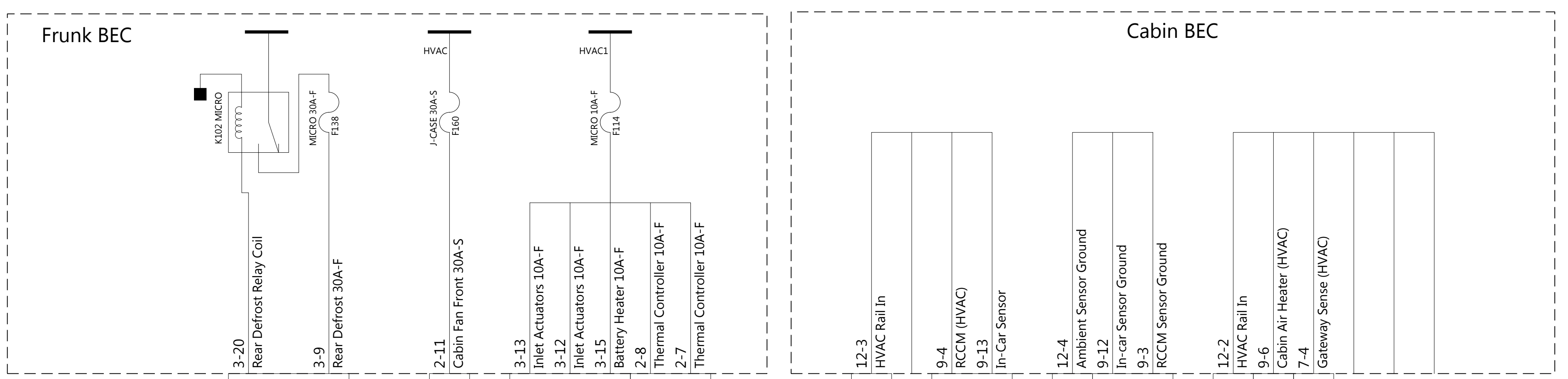
See 'HVAC - Case Harness' for internal wiring

Air Quality Sensor
F X099

In Car Sensor
C X059

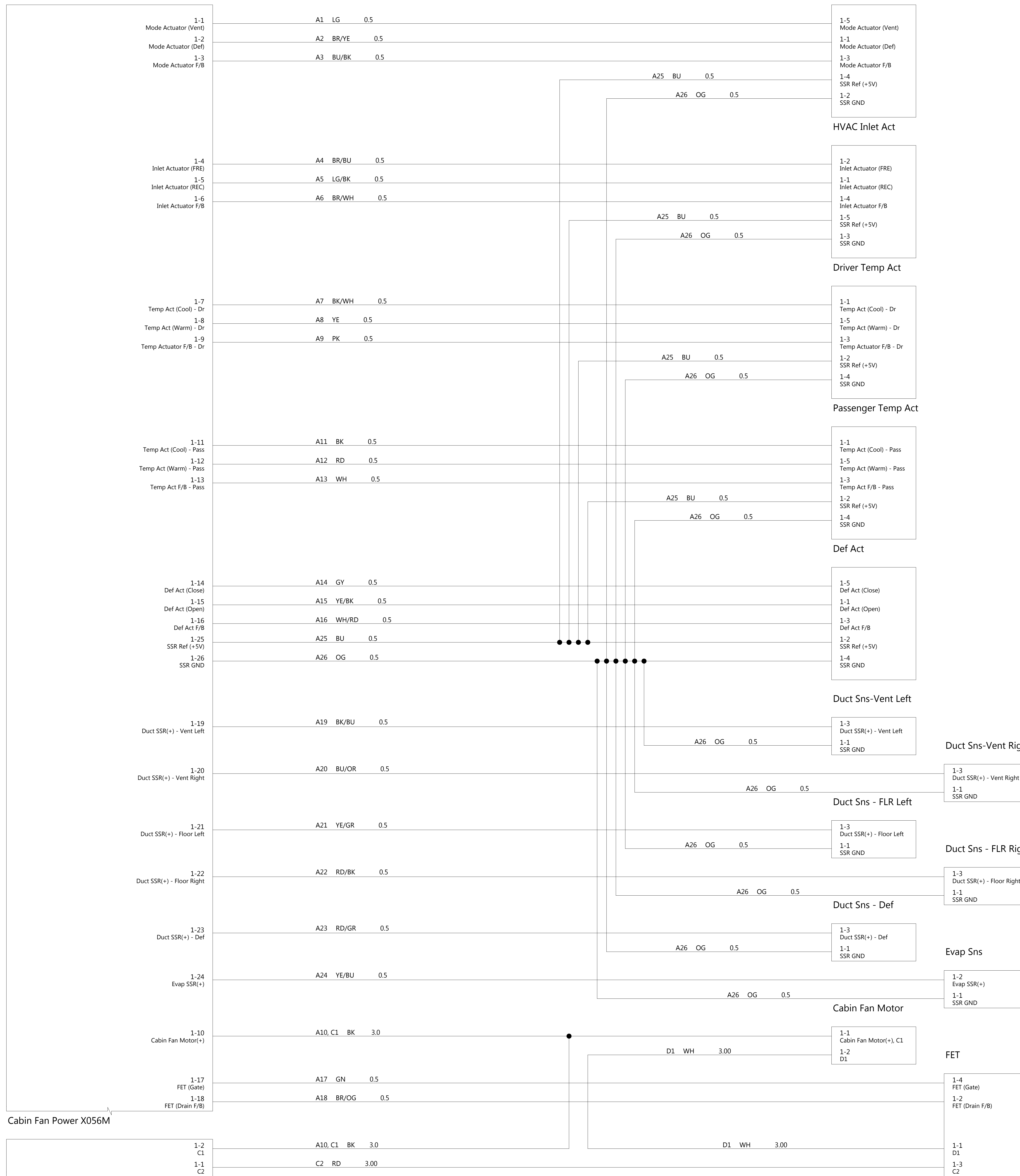
Ambient Temp Sensor
F X091

OBDII Connector
J X436



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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 AO

HVAC Case Internal Wiring

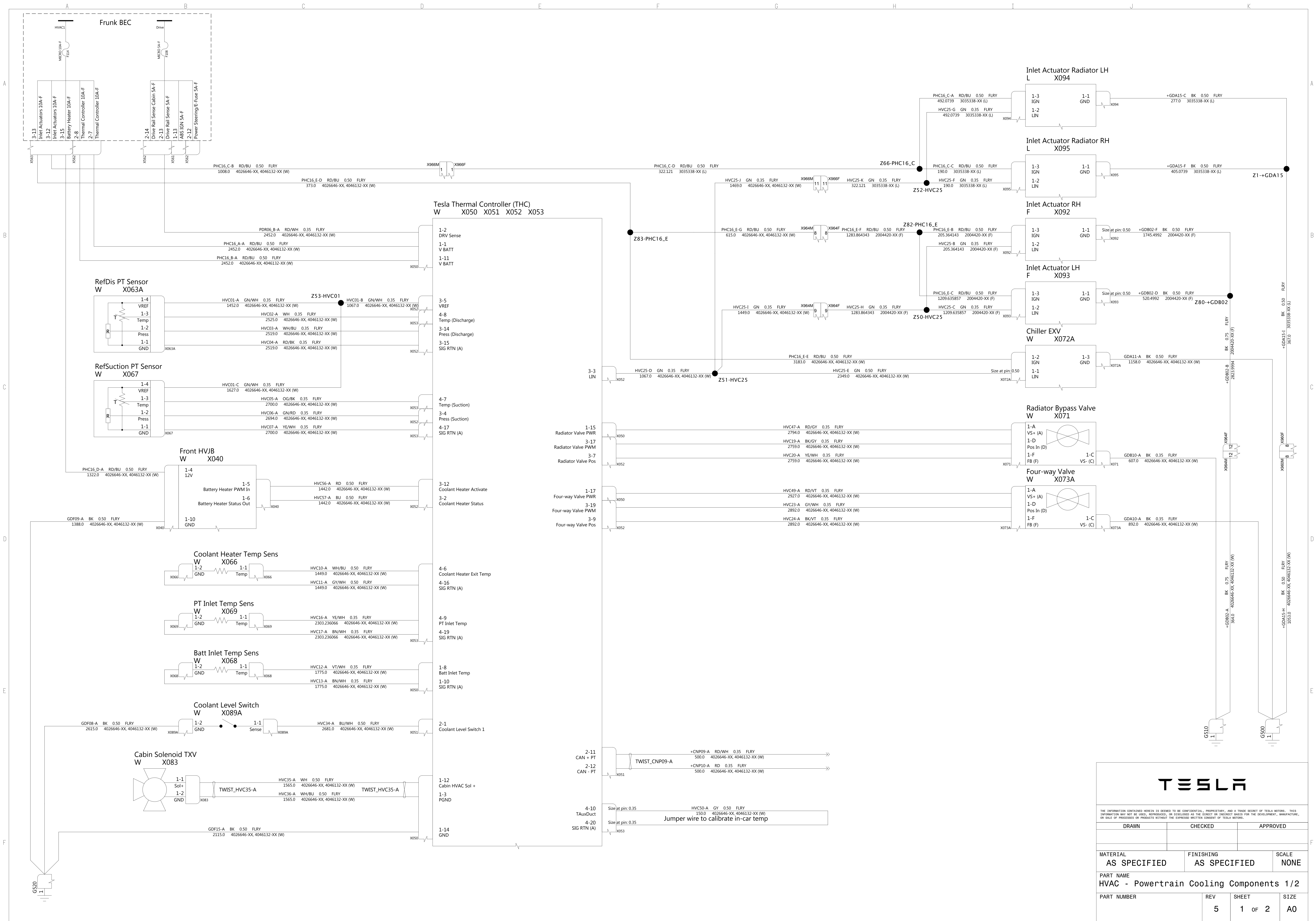


Wiring shown on this page is for reference only and is included in HVAC Assembly.

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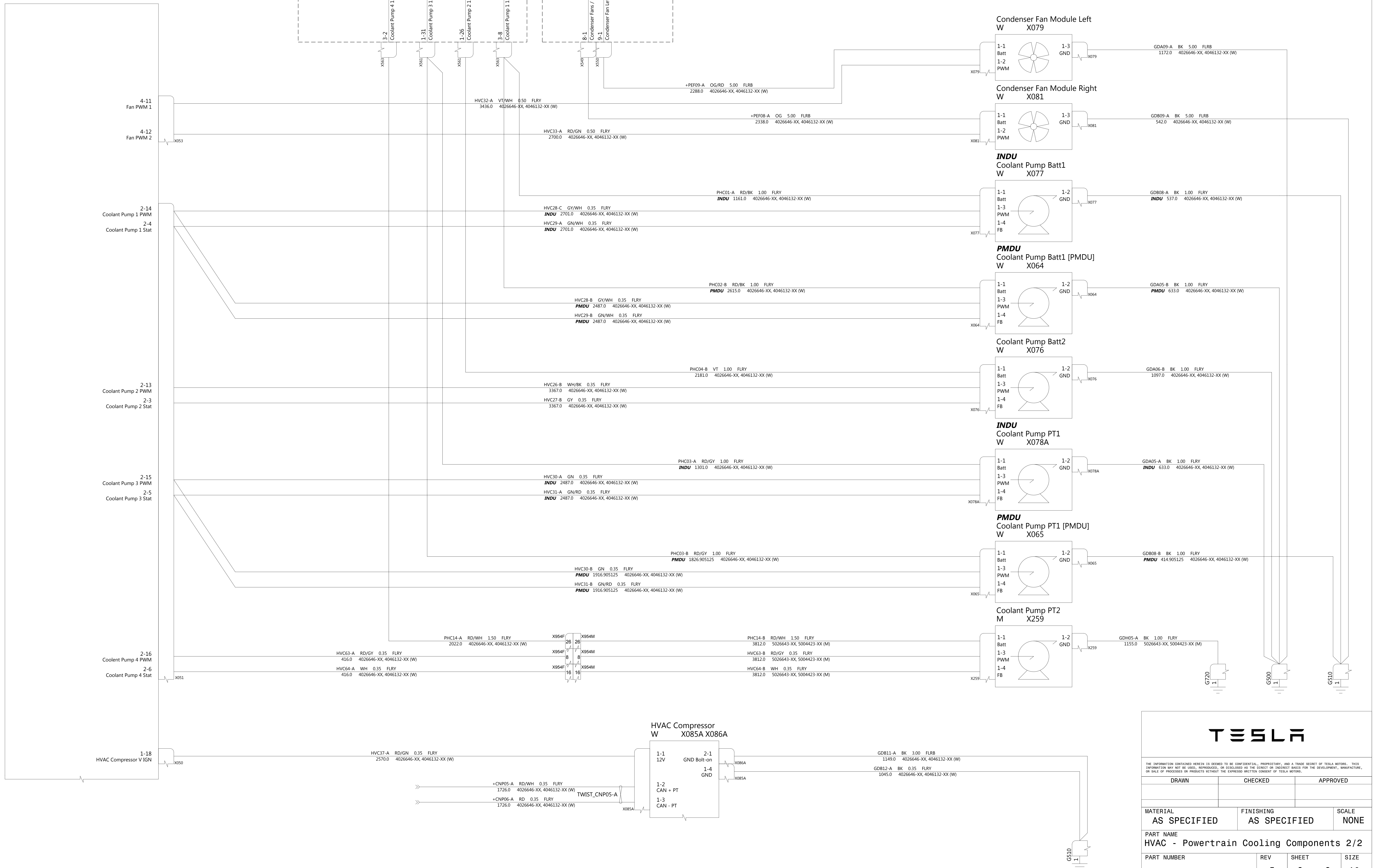
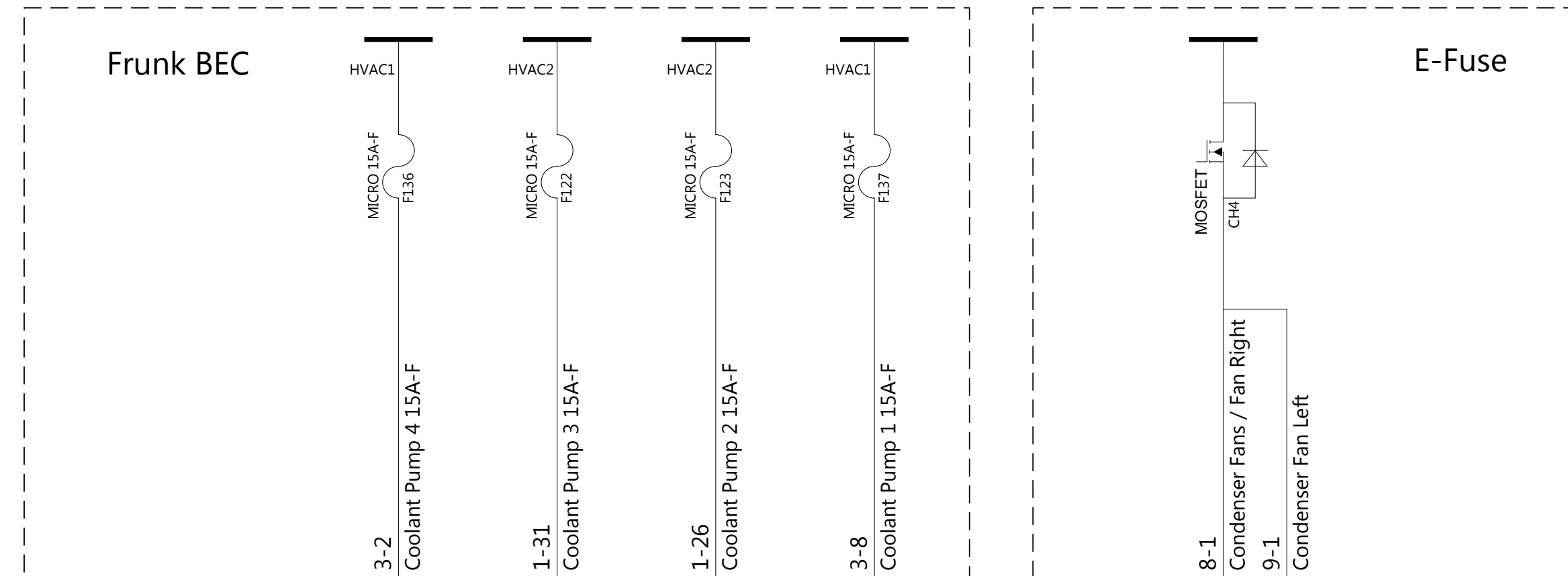
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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME HVAC - Case Harness		
PART NUMBER	REV 1	SHEET 1 OF 1
		SIZE AO



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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME HVAC - Powertrain Cooling Components 1/2		
PART NUMBER	REV 5	SHEET 1 of 2
		SIZE AO

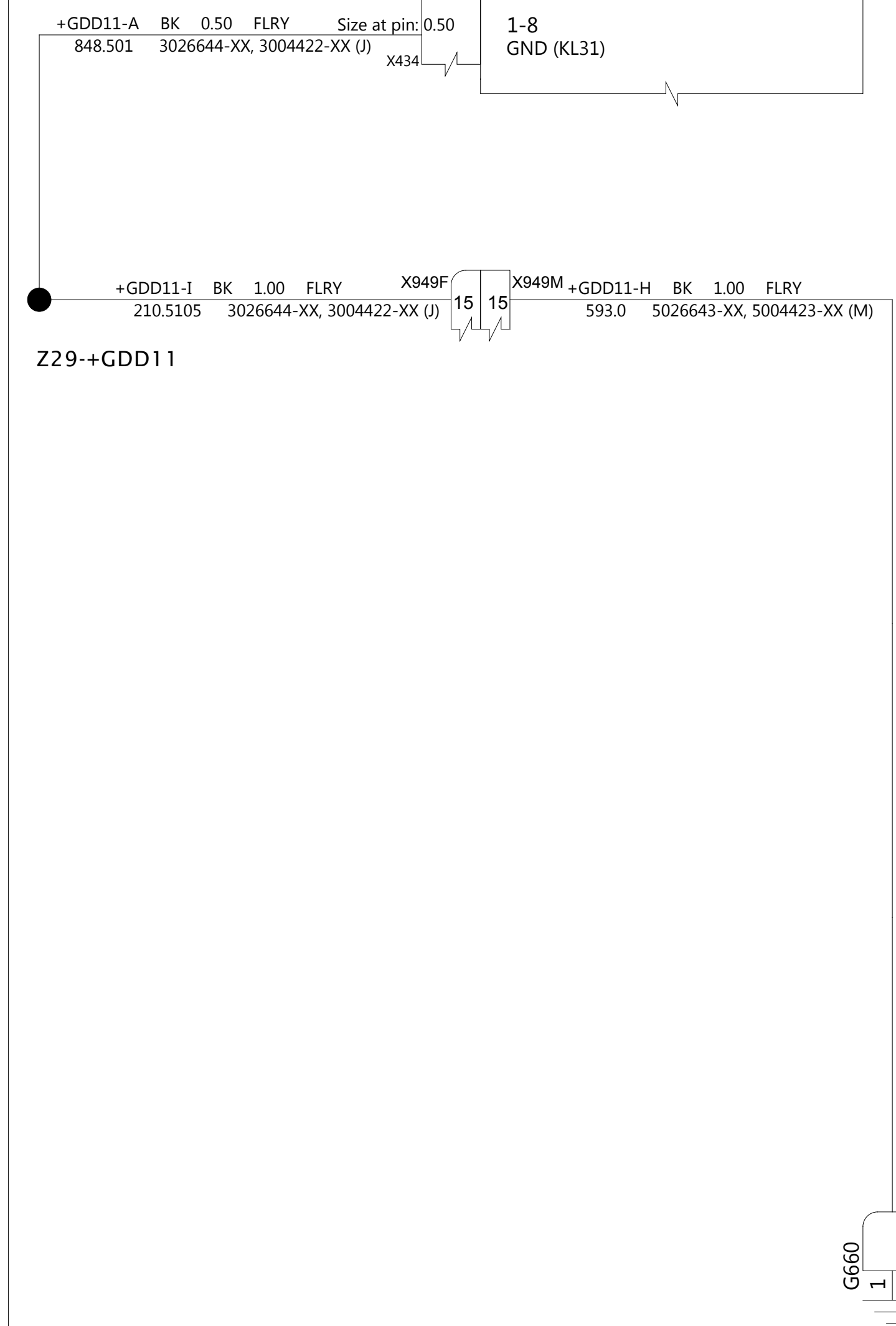
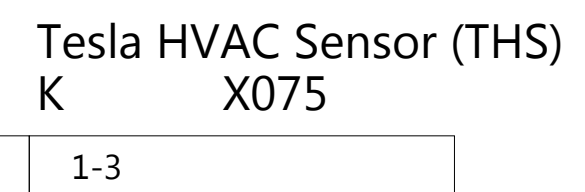
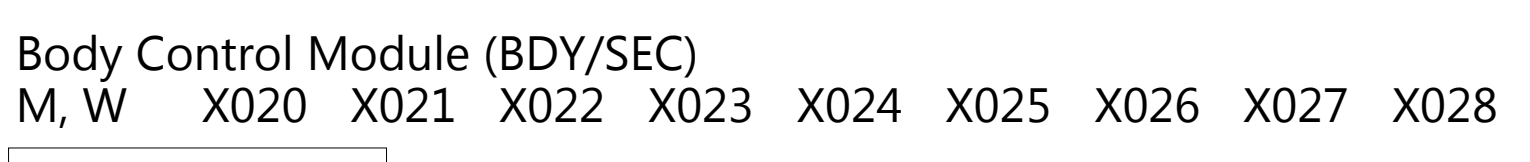
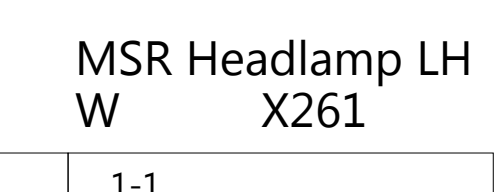
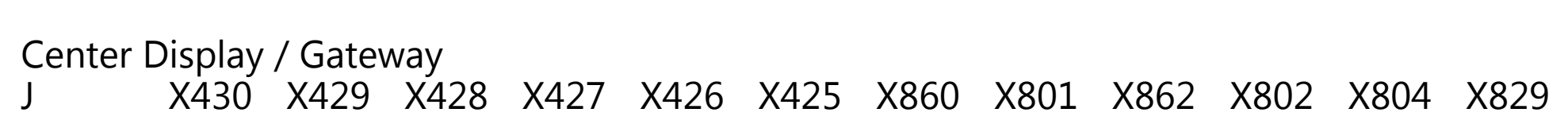
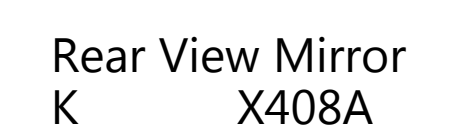
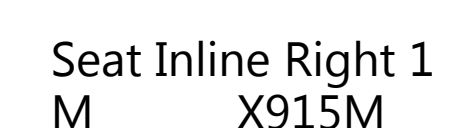
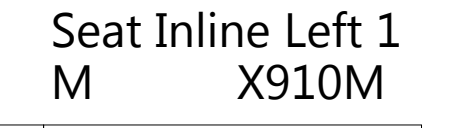
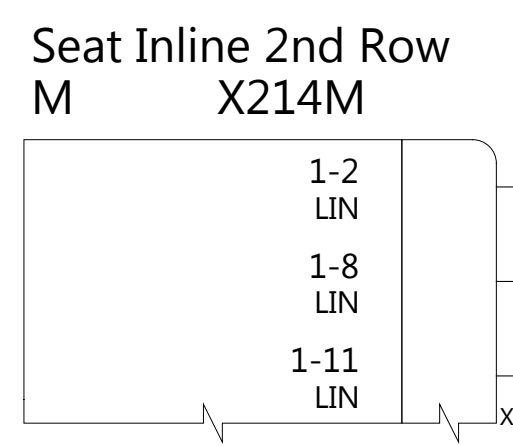
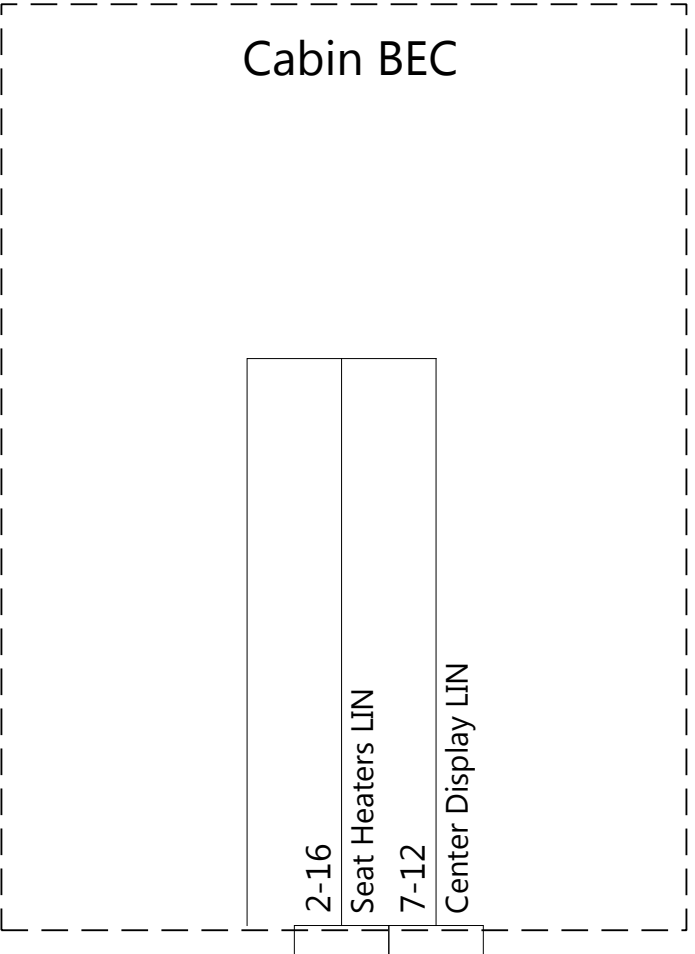
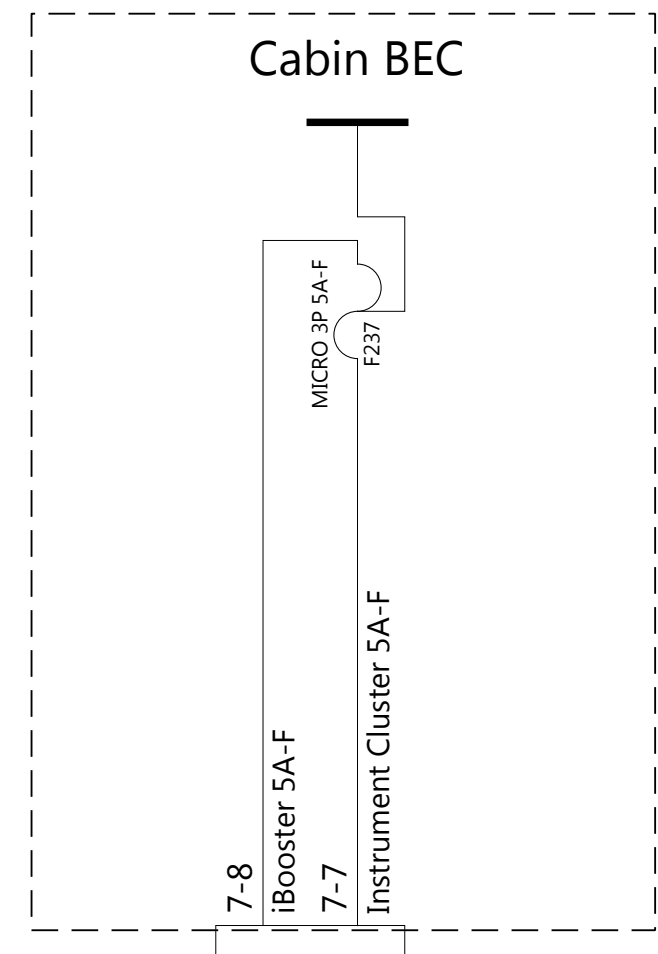
Tesla Thermal Controller (THC)
W X050 X051 X052 X053



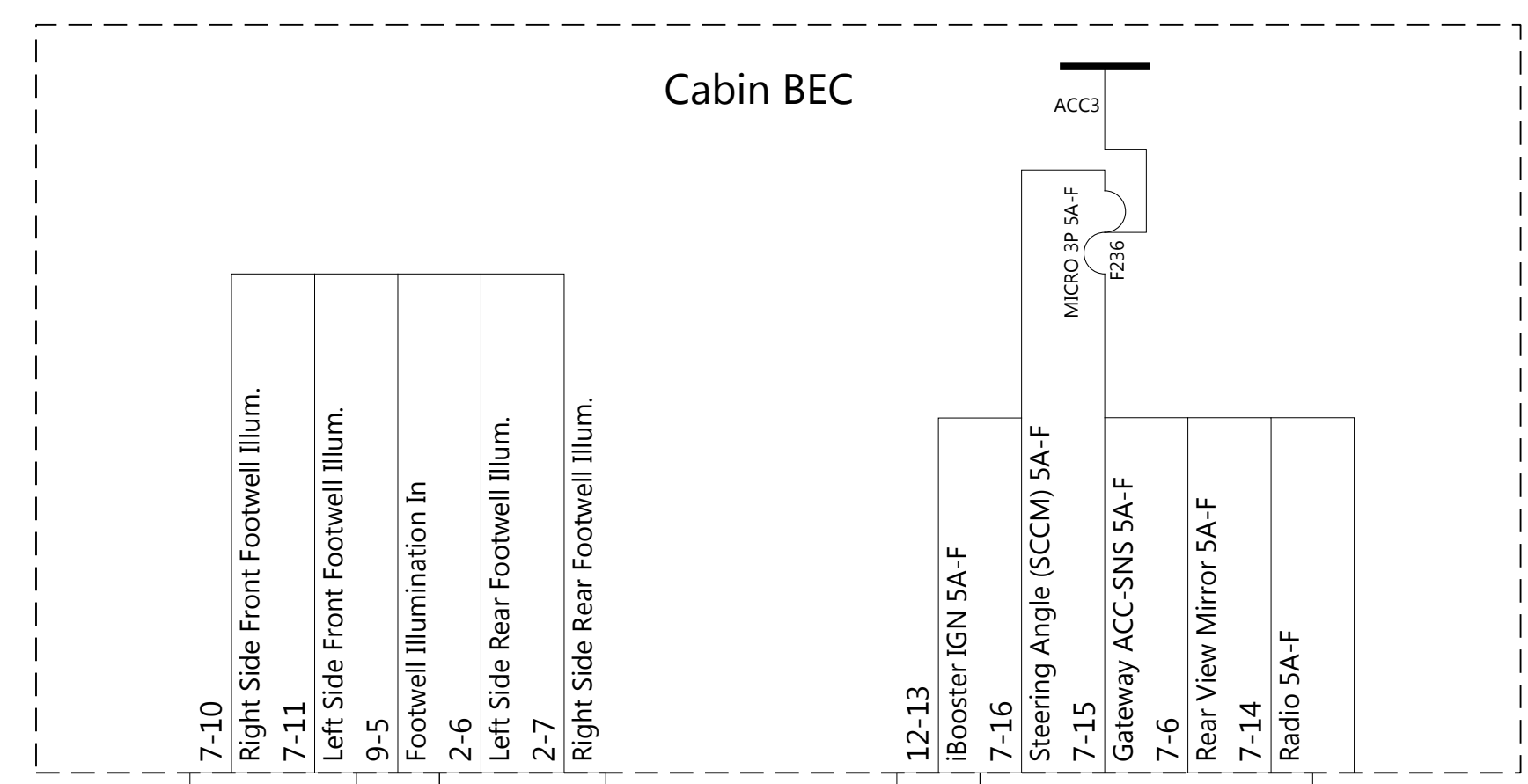
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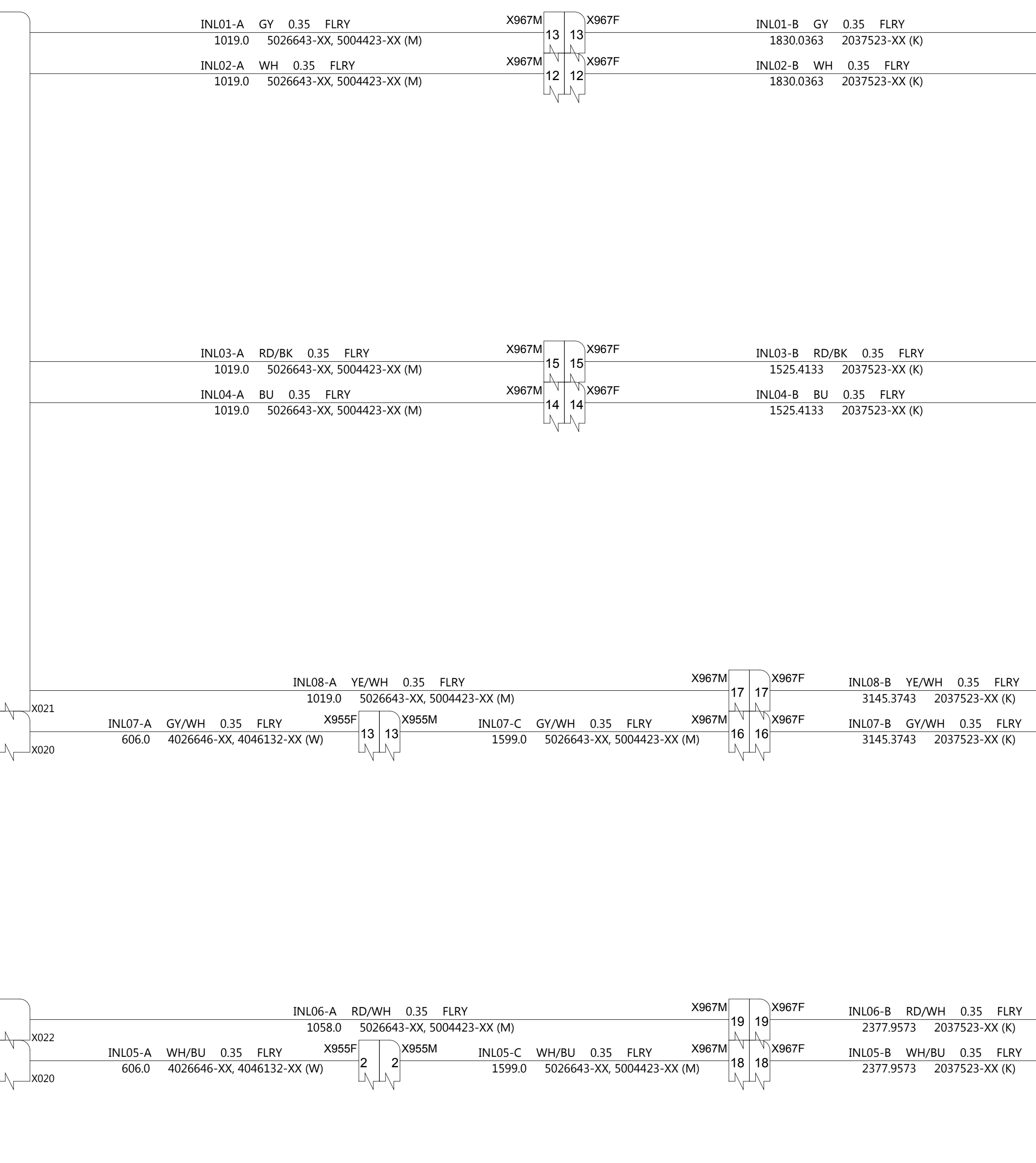
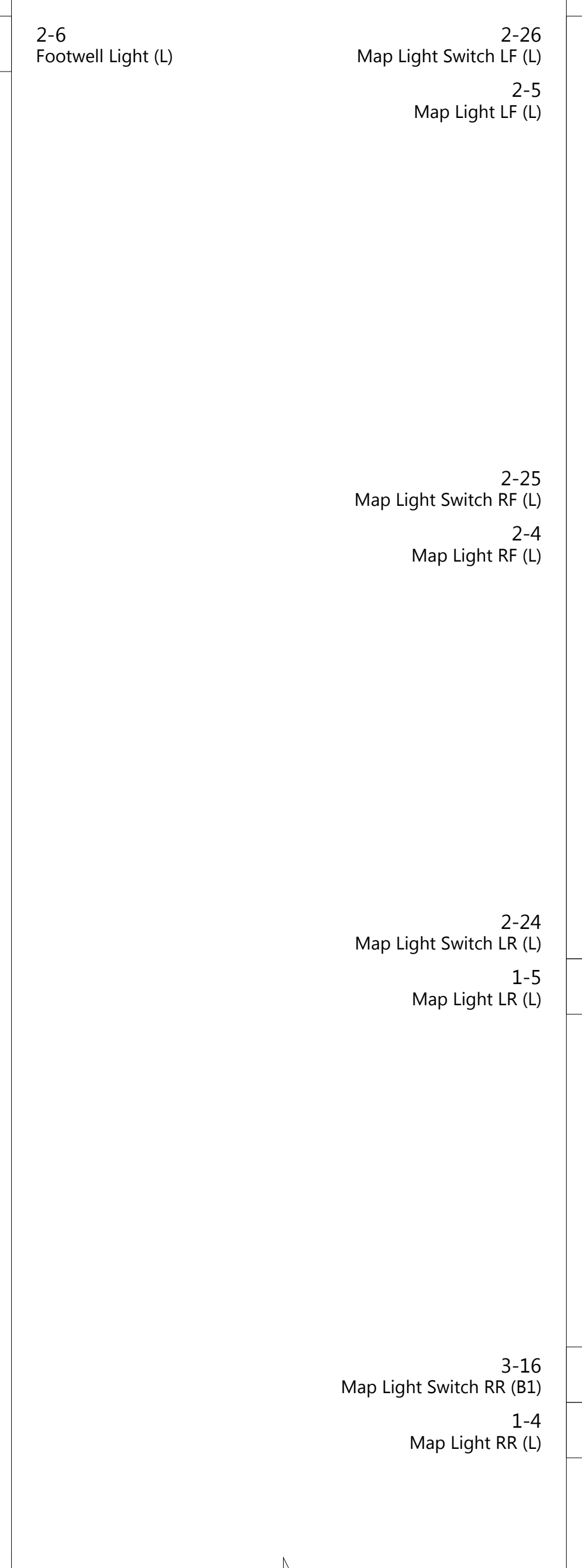
DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME HVAC - Powertrain Cooling Components 2/2		
PART NUMBER	REV 5	SHEET 2 of 2
		SIZE A0



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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 AO



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

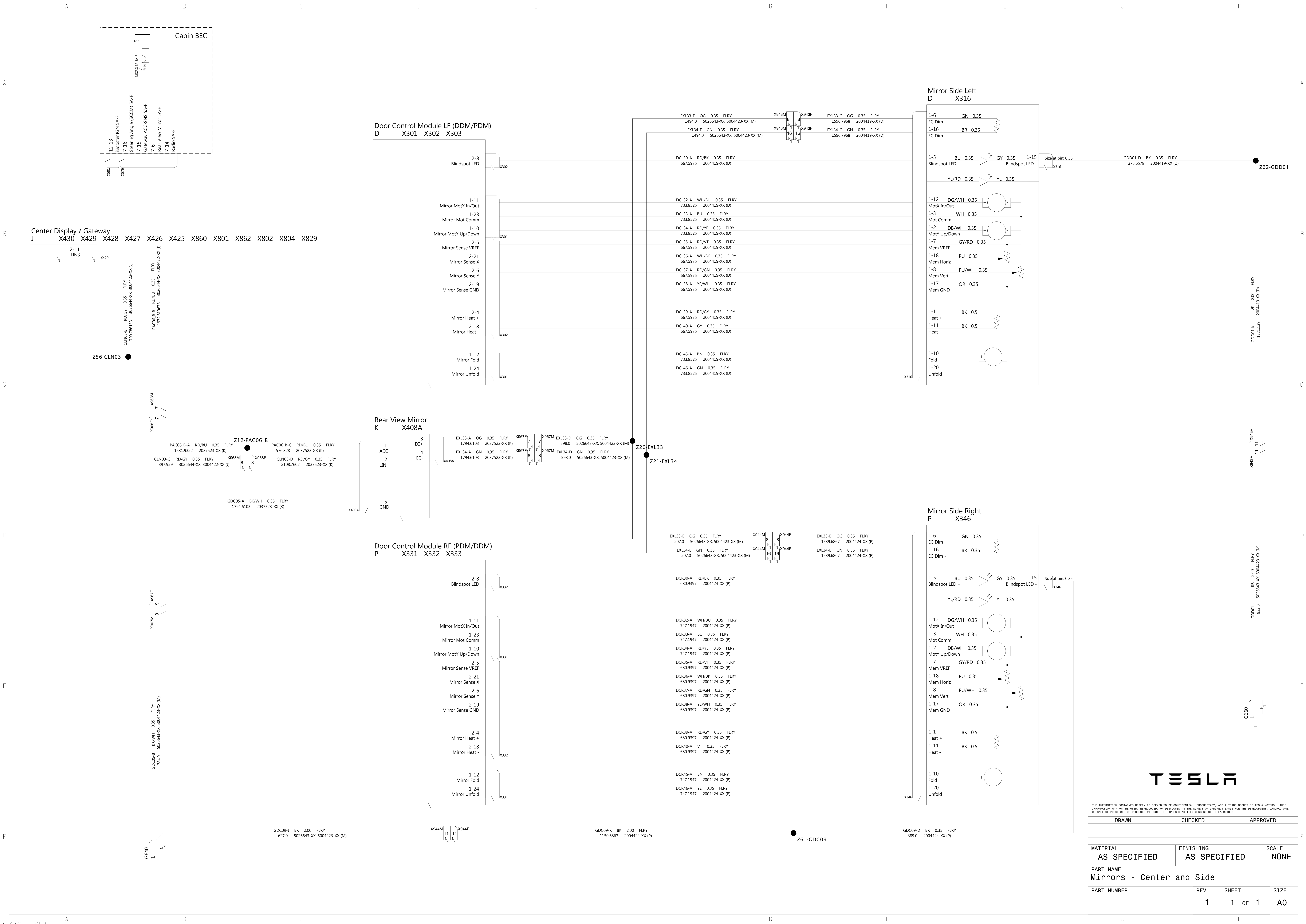
Light Footwell LF
J X280

Light Footwell RF
J X281

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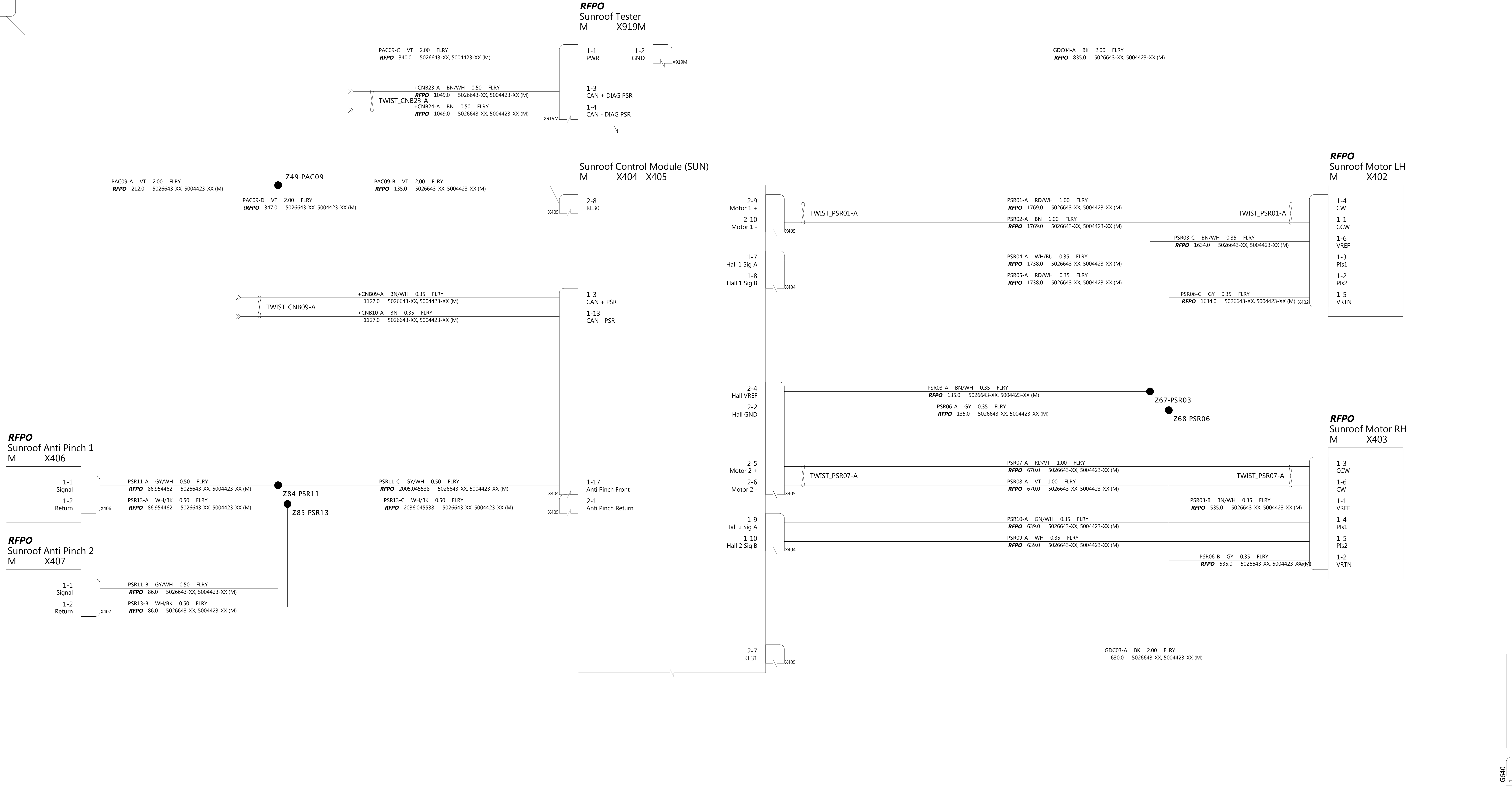
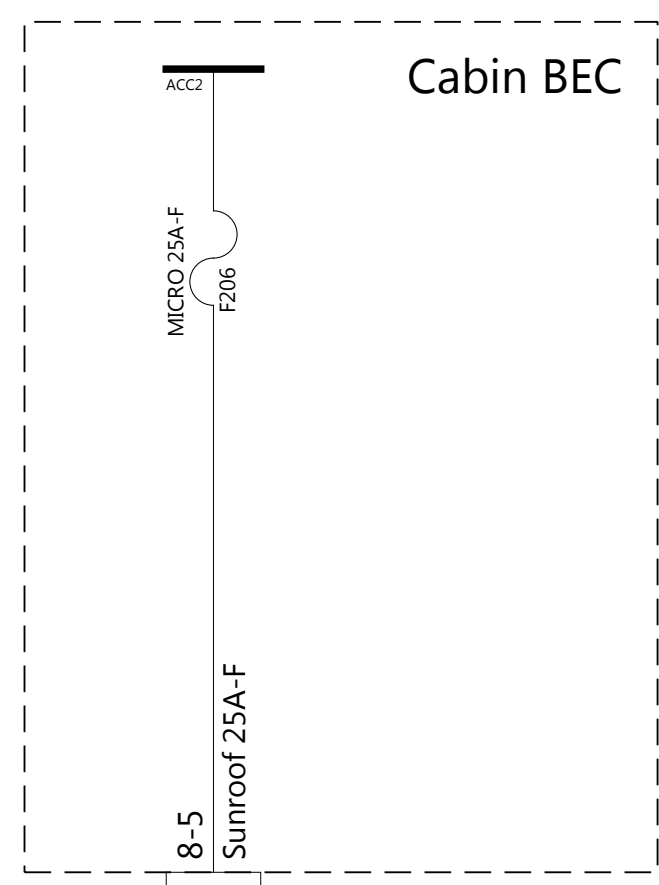
DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME Interior Illumination Maplights		
PART NUMBER	REV 1	SHEET 1 of 1
		SIZE AO



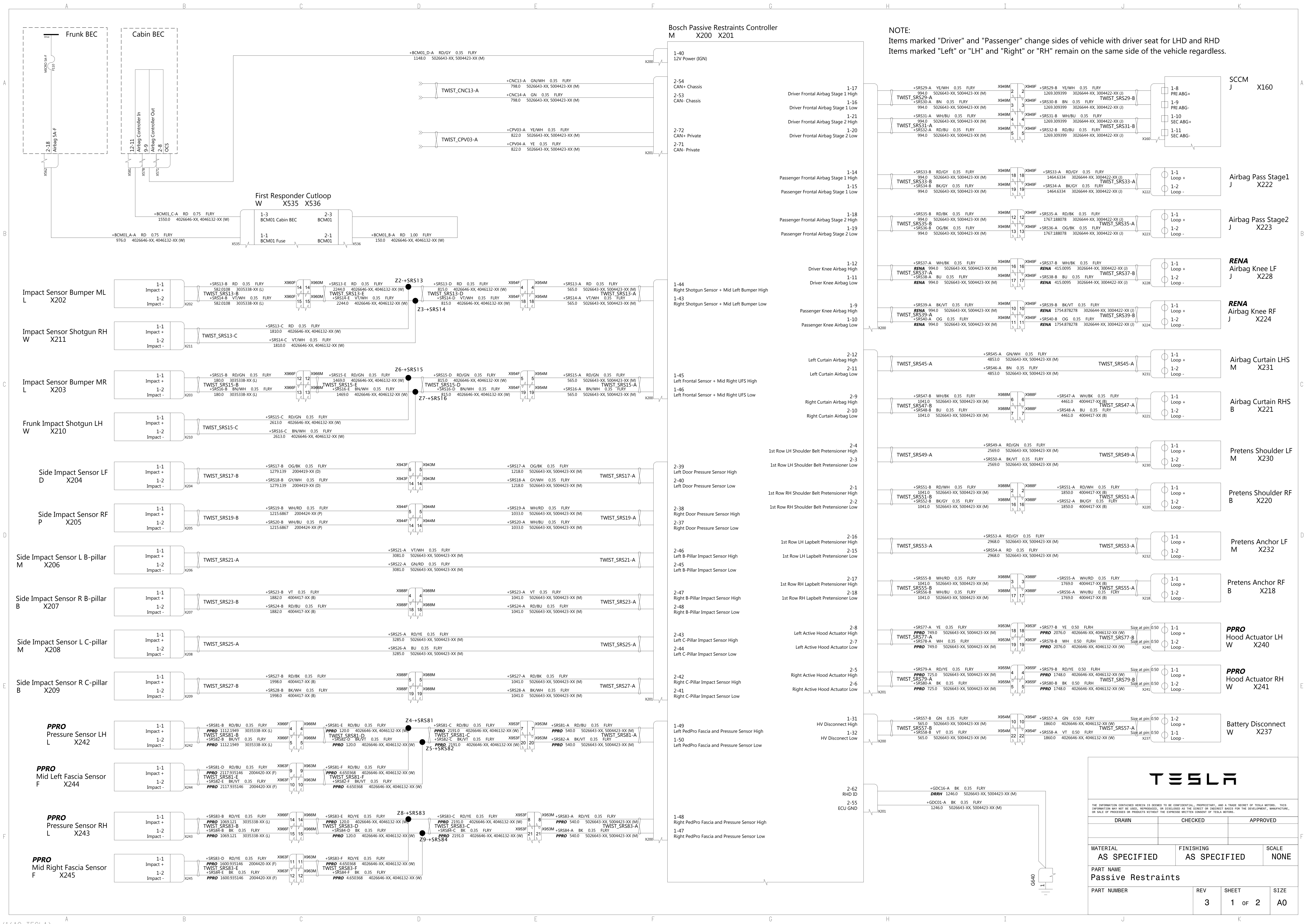
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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME Mirrors - Center and Side		
PART NUMBER	REV 1	SHEET 1 of 1
		SIZE AO



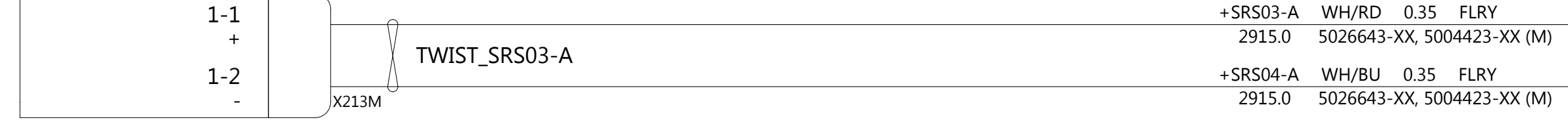
TESLA			
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DRAWN	CHECKED	APPROVED	
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE	
PART NAME Panoramic Sunroof			
PART NUMBER	REV 1	SHEET 1 OF 1	SIZE AO



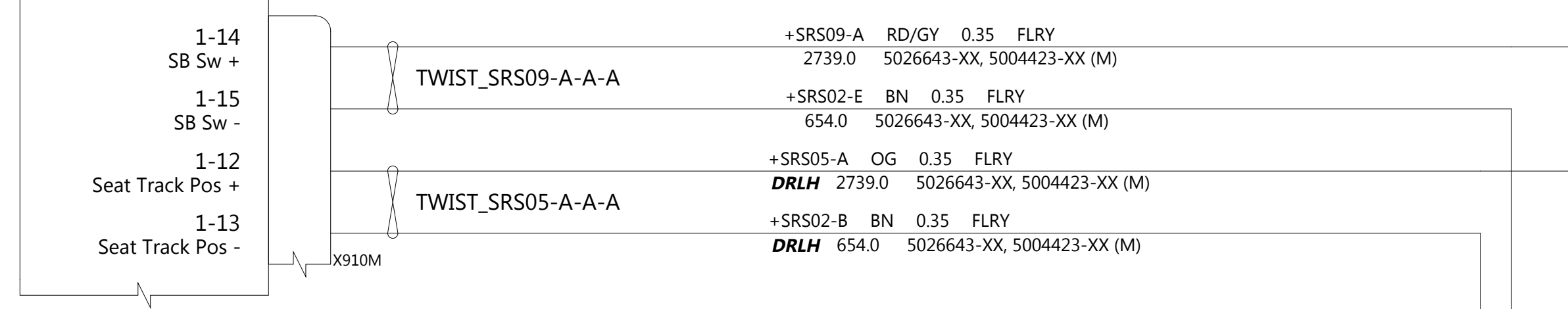
NOTE:
 Items marked "Driver" and "Passenger" change sides of vehicle with driver seat for LHD and RHD
 Items marked "Left" or "LH" and "Right" or "RH" remain on the same side of the vehicle regardless.

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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME Passive Restraints		
PART NUMBER	REV	SHEET
	3	1 of 2
		SIZE AO

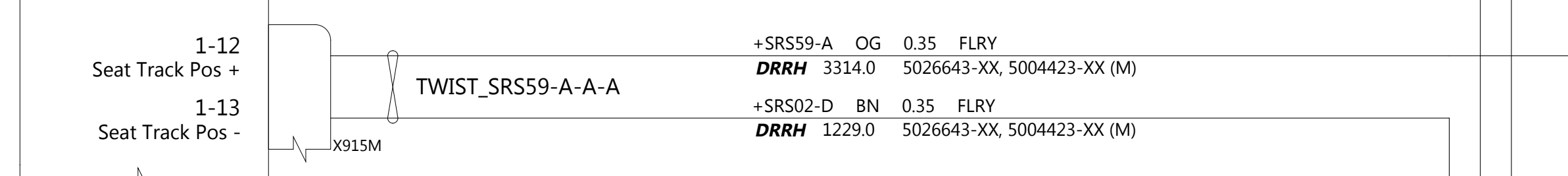
SBR-REAR
M X213M



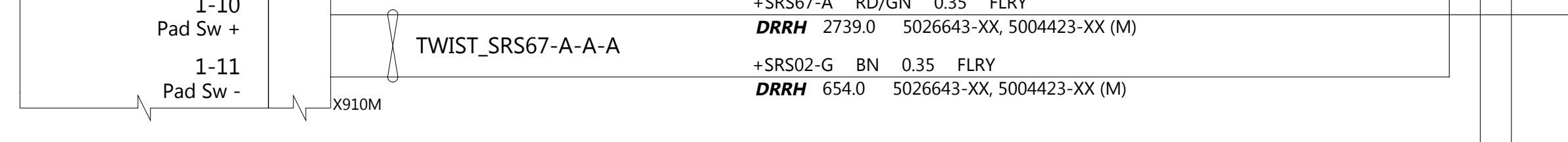
Seat Inline Left 1
M X910M



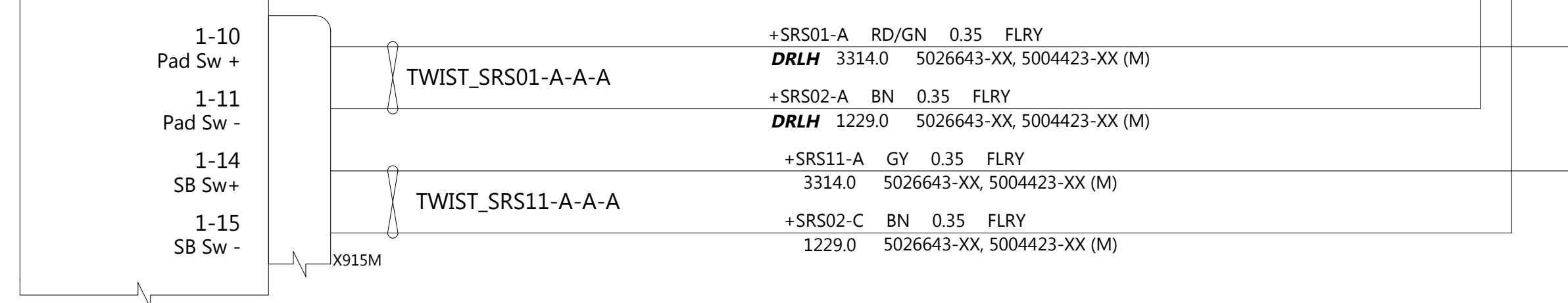
Seat Inline Right 1
M X915M



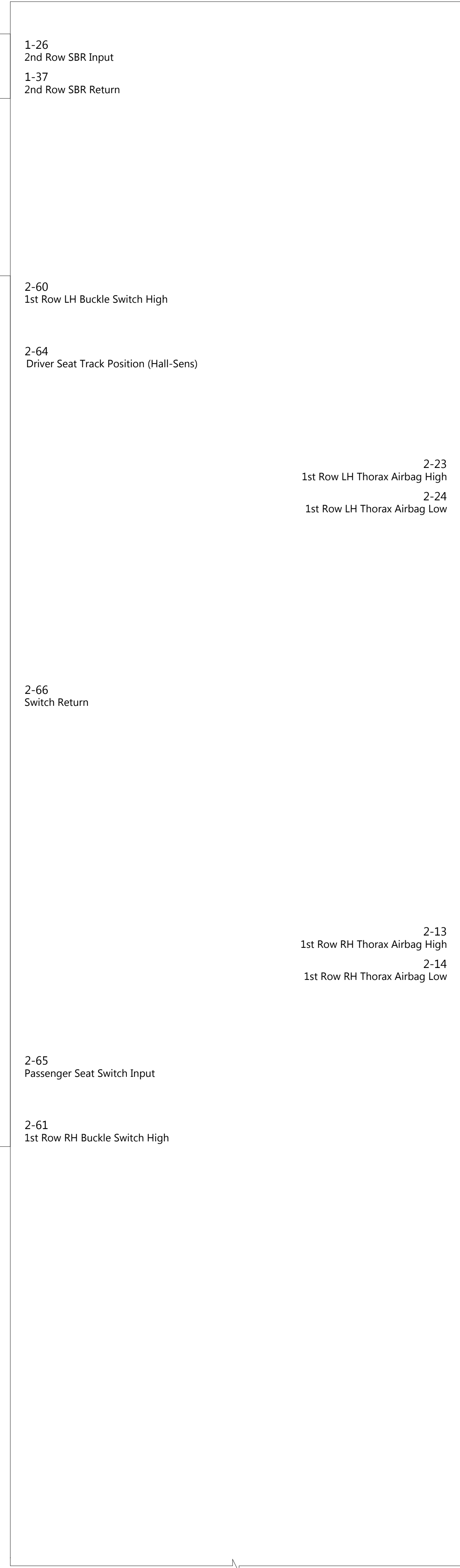
Seat Inline Left 1
M X910M



Seat Inline Right 1
M X915M



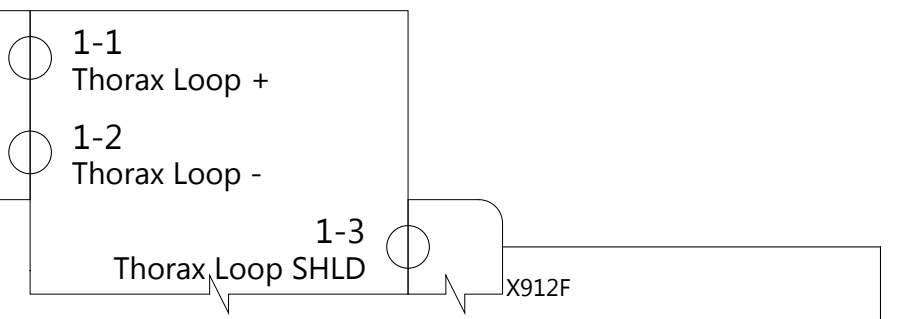
Bosch Passive Restraints Controller
M X200 X201



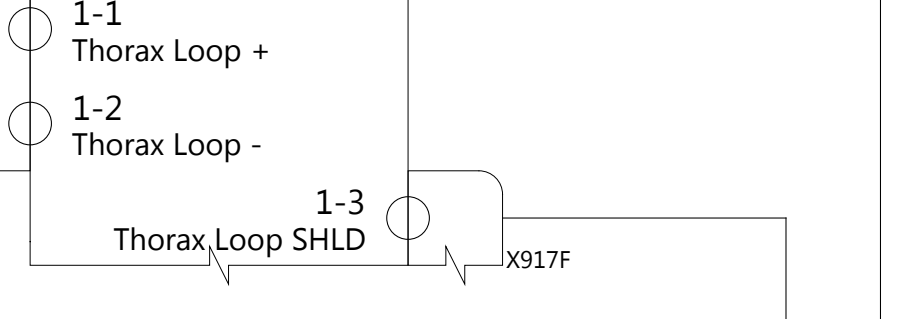
2-23 1st Row LH Thorax Airbag High
2-24 1st Row LH Thorax Airbag Low

2-13 1st Row RH Thorax Airbag High
2-14 1st Row RH Thorax Airbag Low

Seat Inline Left 3
M X912F



Seat Inline Right 3
M X917F



+GDD15-A BK 0.35 FLY
2085.0 5026643-XX, 5004423-XX (M)
+GDD05-A BK 0.35 FLY
1519.0 5026643-XX, 5004423-XX (M)

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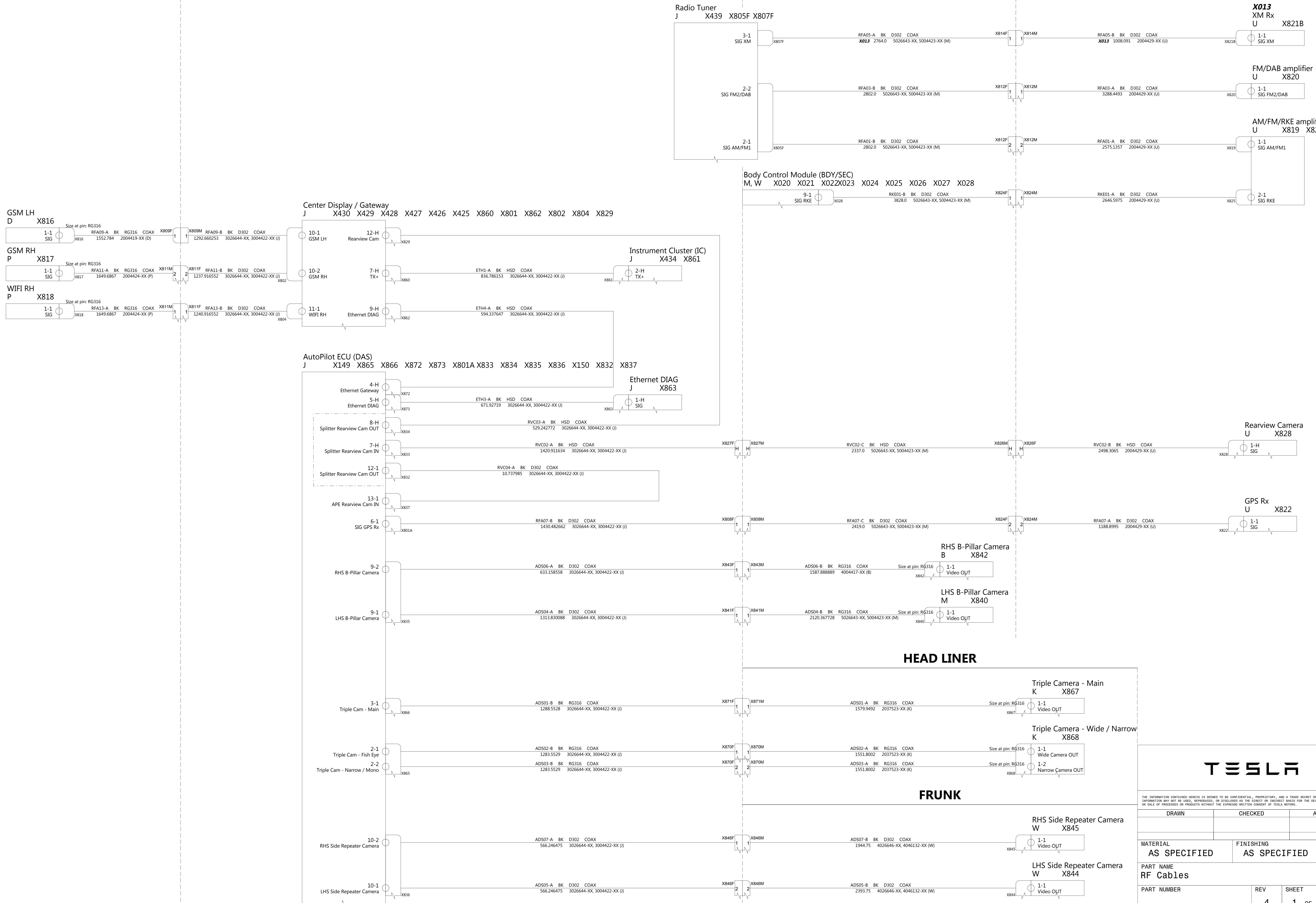
DRAWN			CHECKED			APPROVED		
MATERIAL AS SPECIFIED			FINISHING AS SPECIFIED			SCALE NONE		
PART NAME Passive Restraints Seats								
PART NUMBER			REV 3	SHEET 2	OF 2	SIZE AO		

DOORS

I/P

BODY

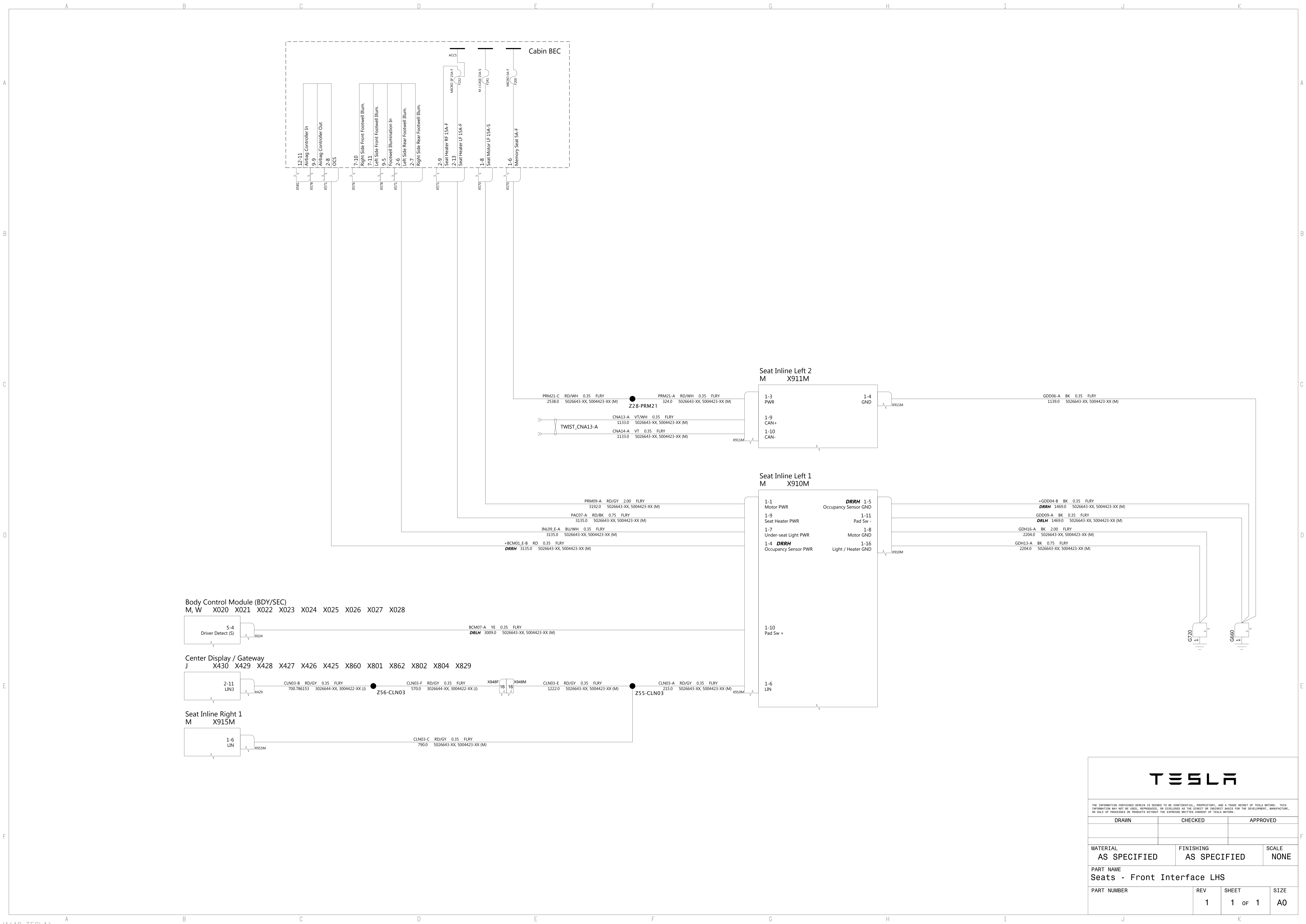
LIFTGATE



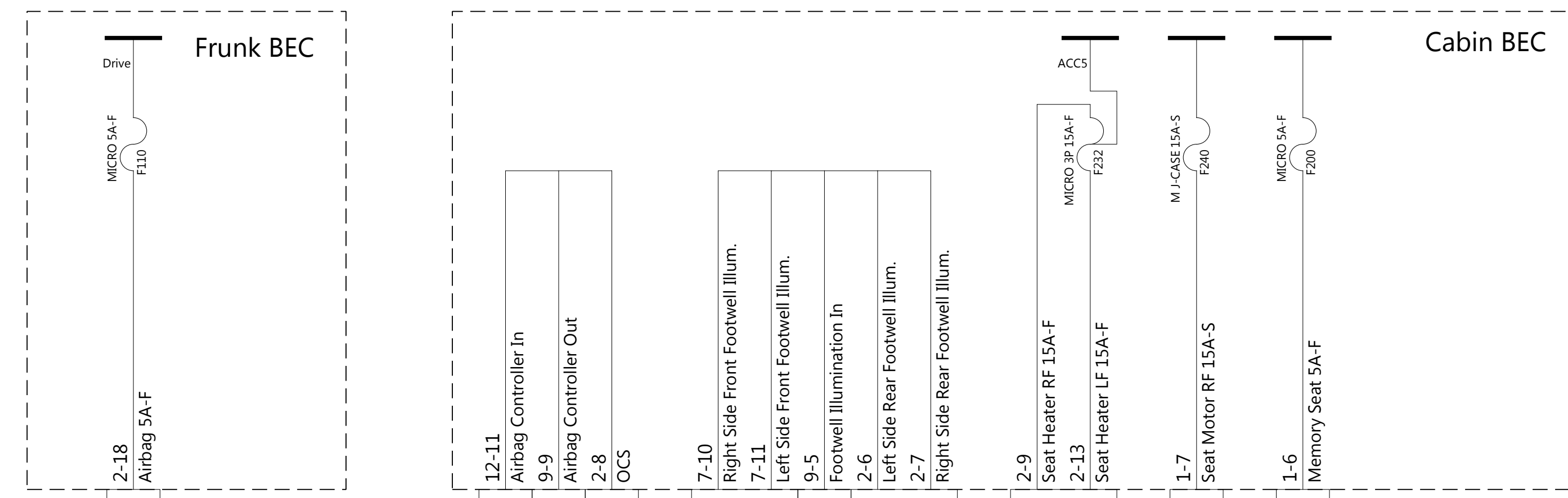
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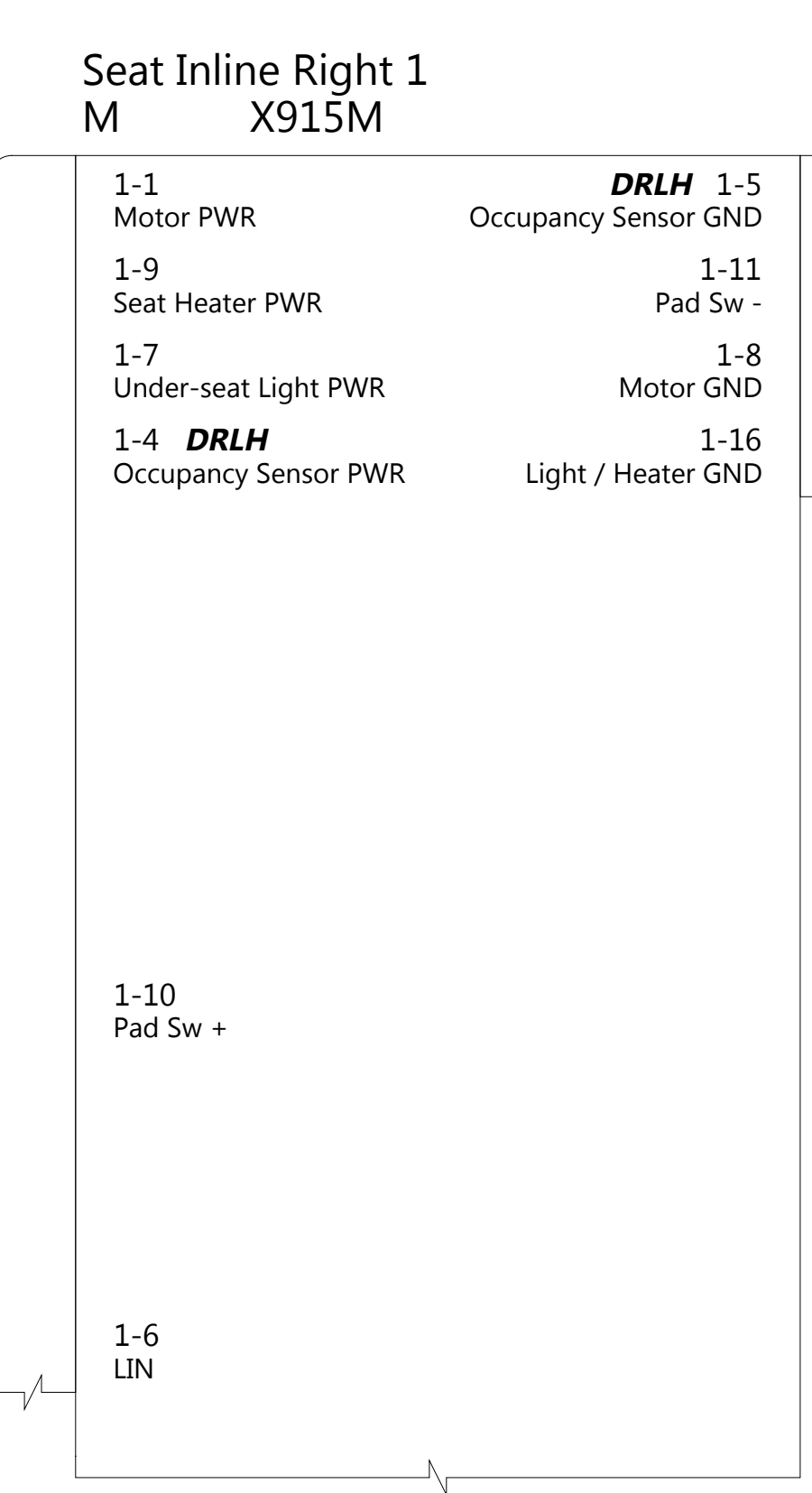
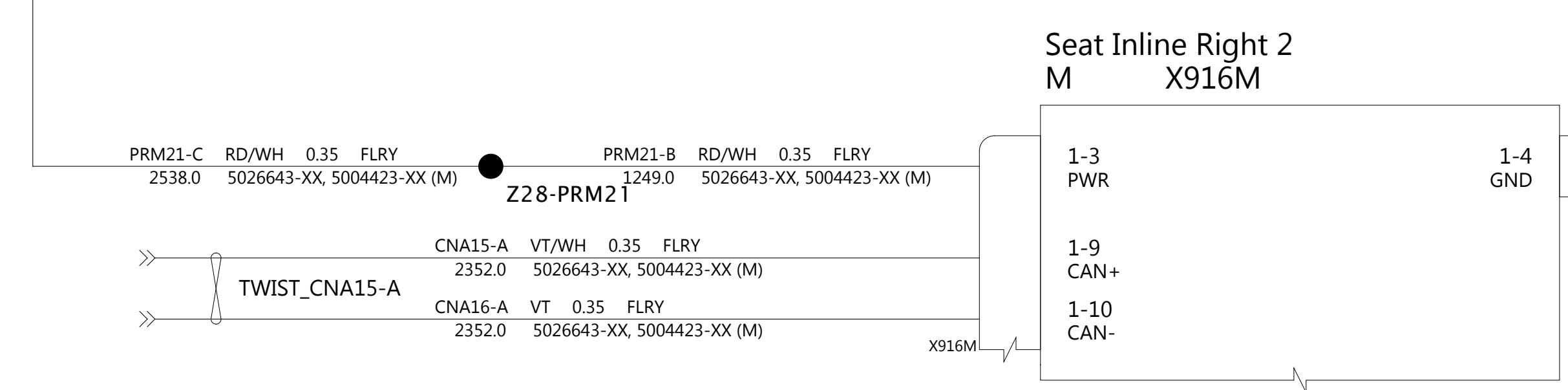
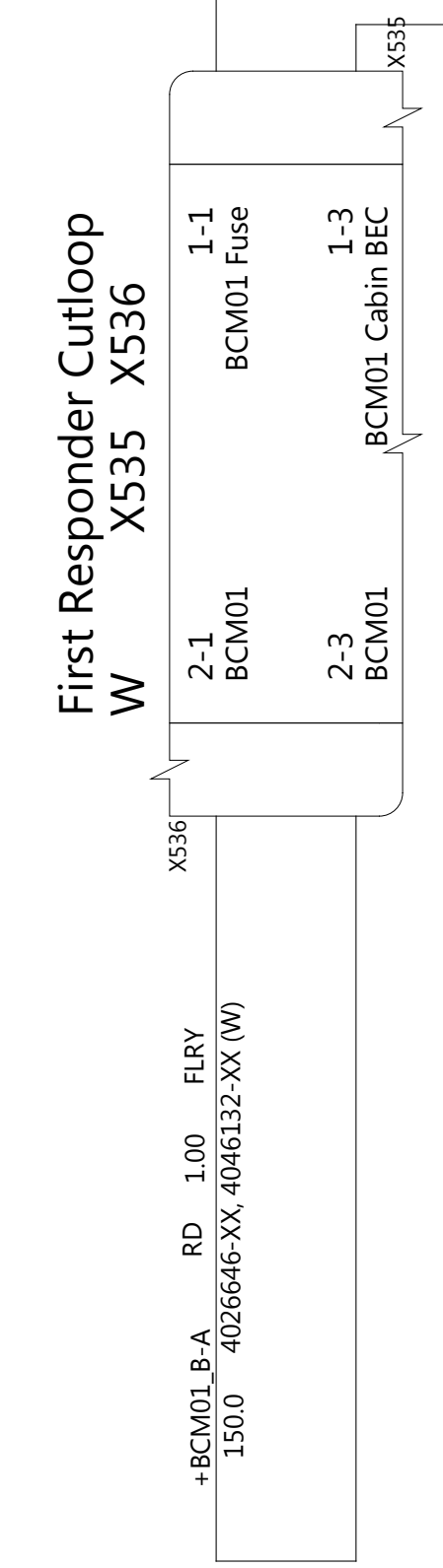
DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME RF Cables		
PART NUMBER	REV 4	SHEET 1 OF 1
		SIZE AO



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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 AO	



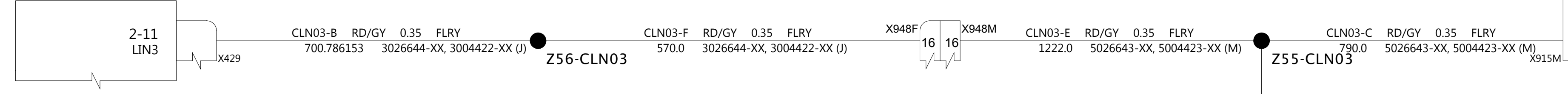
First Responder Cutloop
W X535 X536



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



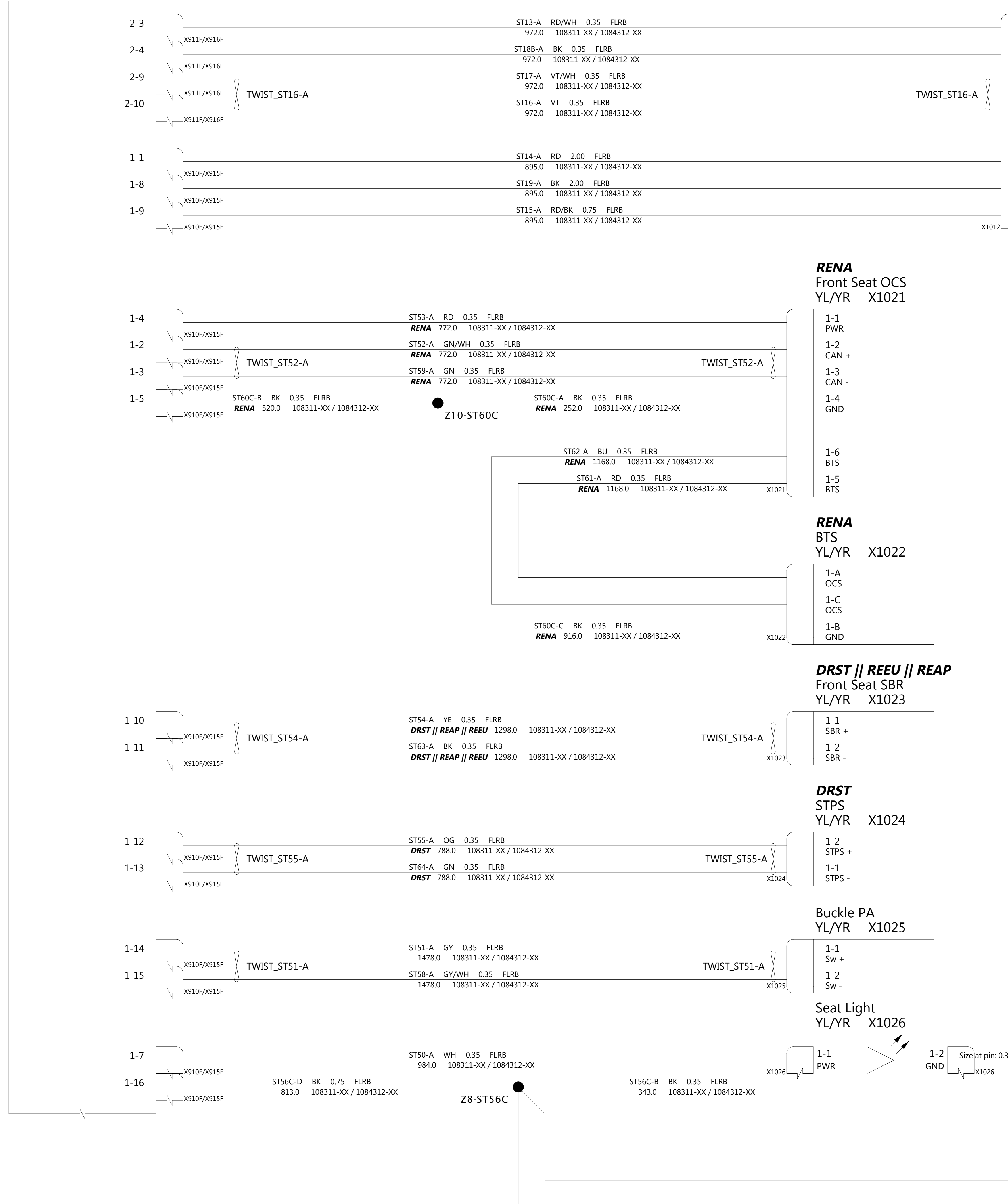
Seat Inline Left 1
M X910M



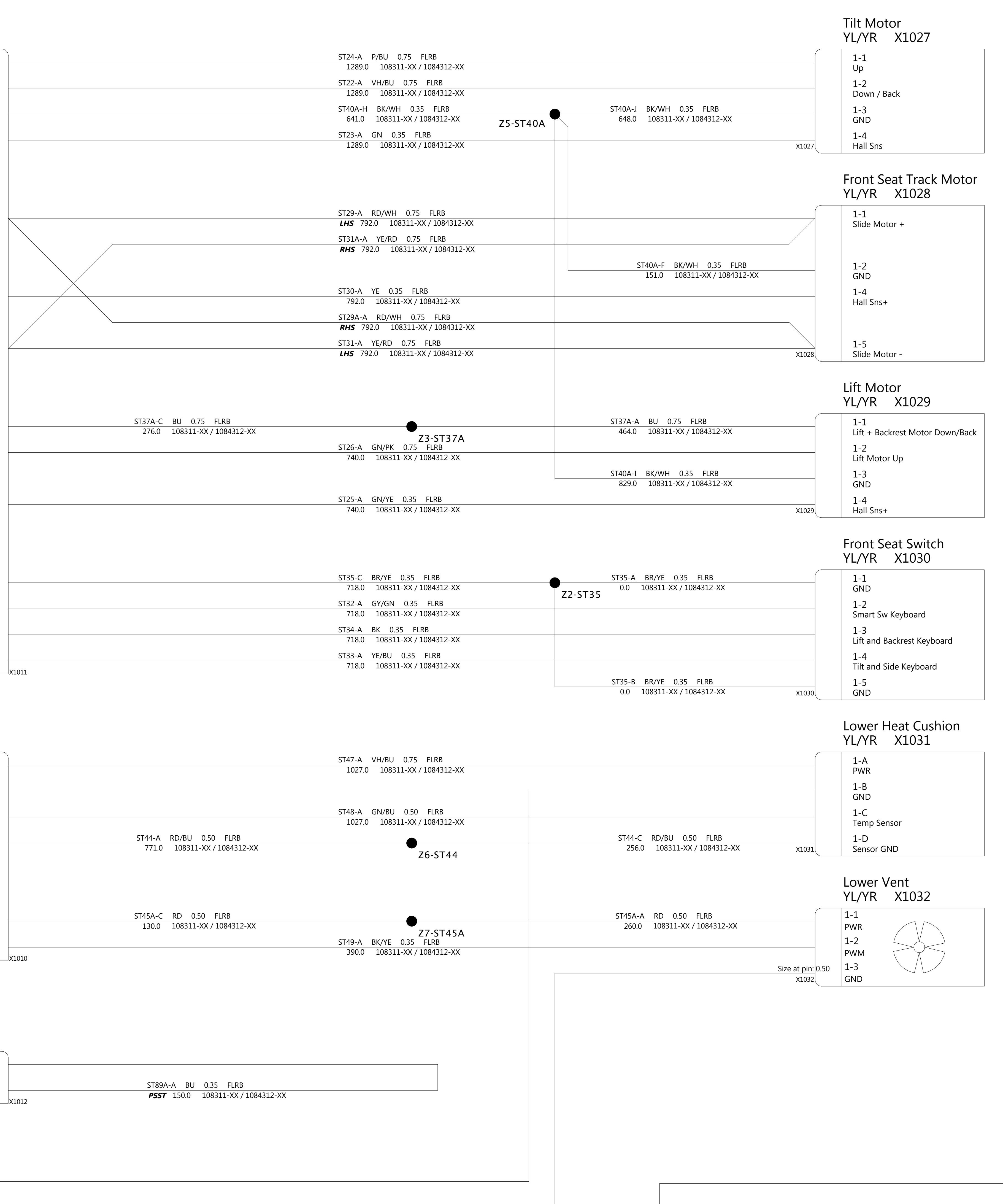
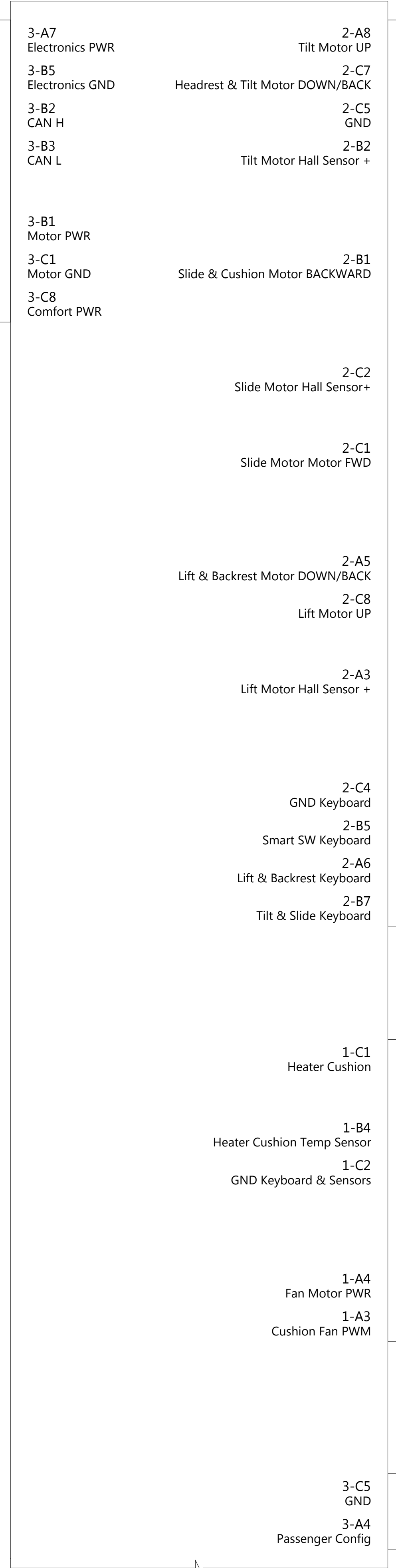
TESLA			
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DRAWN	CHECKED	APPROVED	
MATERIAL AS SPECIFIED		FINISHING AS SPECIFIED	SCALE NONE
PART NAME Seats - Front Interface RHS			
PART NUMBER	REV 1	SHEET 1 of 1	SIZE AO

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

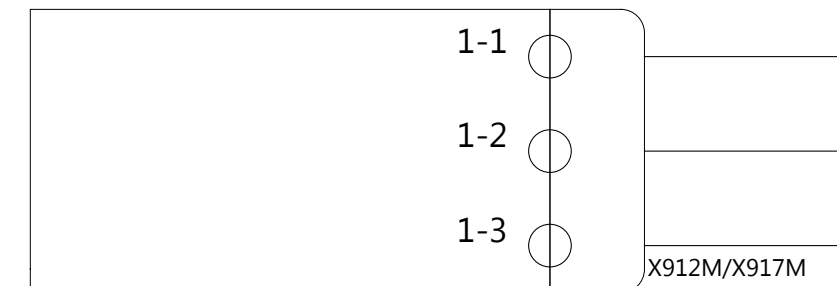
Vehicle Inlines
YL/YR X910F/X915F X911F/X916F



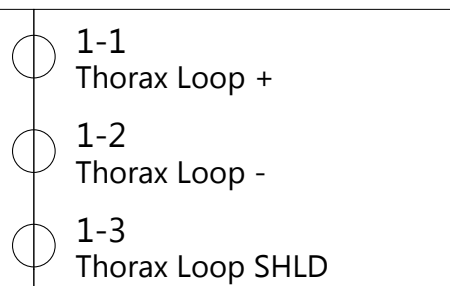
Seat Control Module
YL/YR X1010 X1011 X1012



Airbag Inline
YL/YR X912M/X917M



Seat Airbag
YL/YR X1050

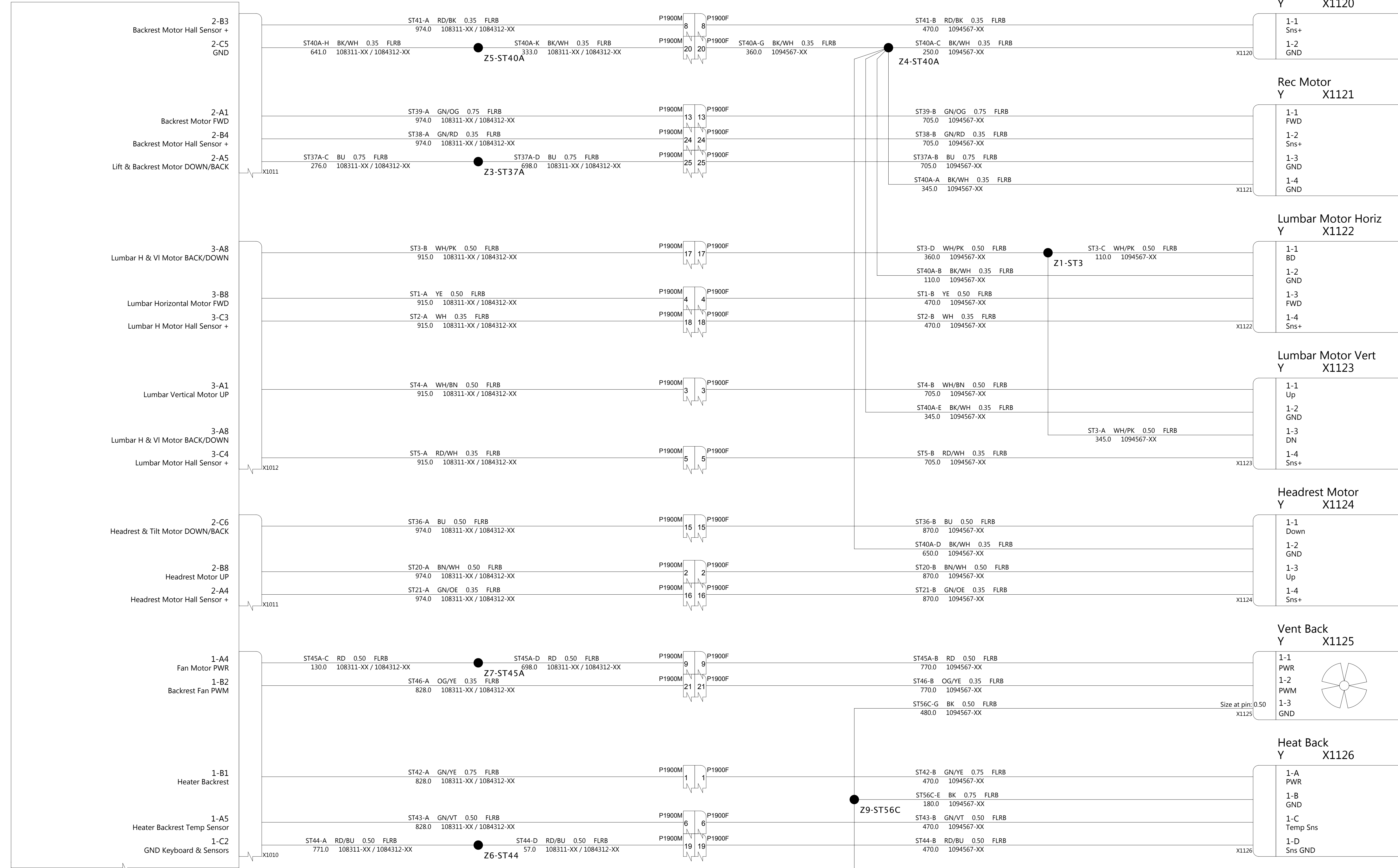


ST56C-A BK 0.75 FLRB
446.0 108311-XX/1084312-XX
ST56C-B BK 0.75 FLRB
711.0 108311-XX/1084312-XX

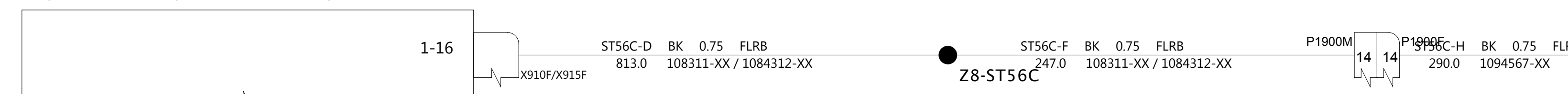
TESLA			
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DRAWN	CHECKED	APPROVED	
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE	
PART NAME Seats - Front Internal 1/2: Lower			
PART NUMBER	REV 1	SHEET 1 of 2	SIZE AO

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

Seat Control Module
YL/YR X1010 X1011 X1012



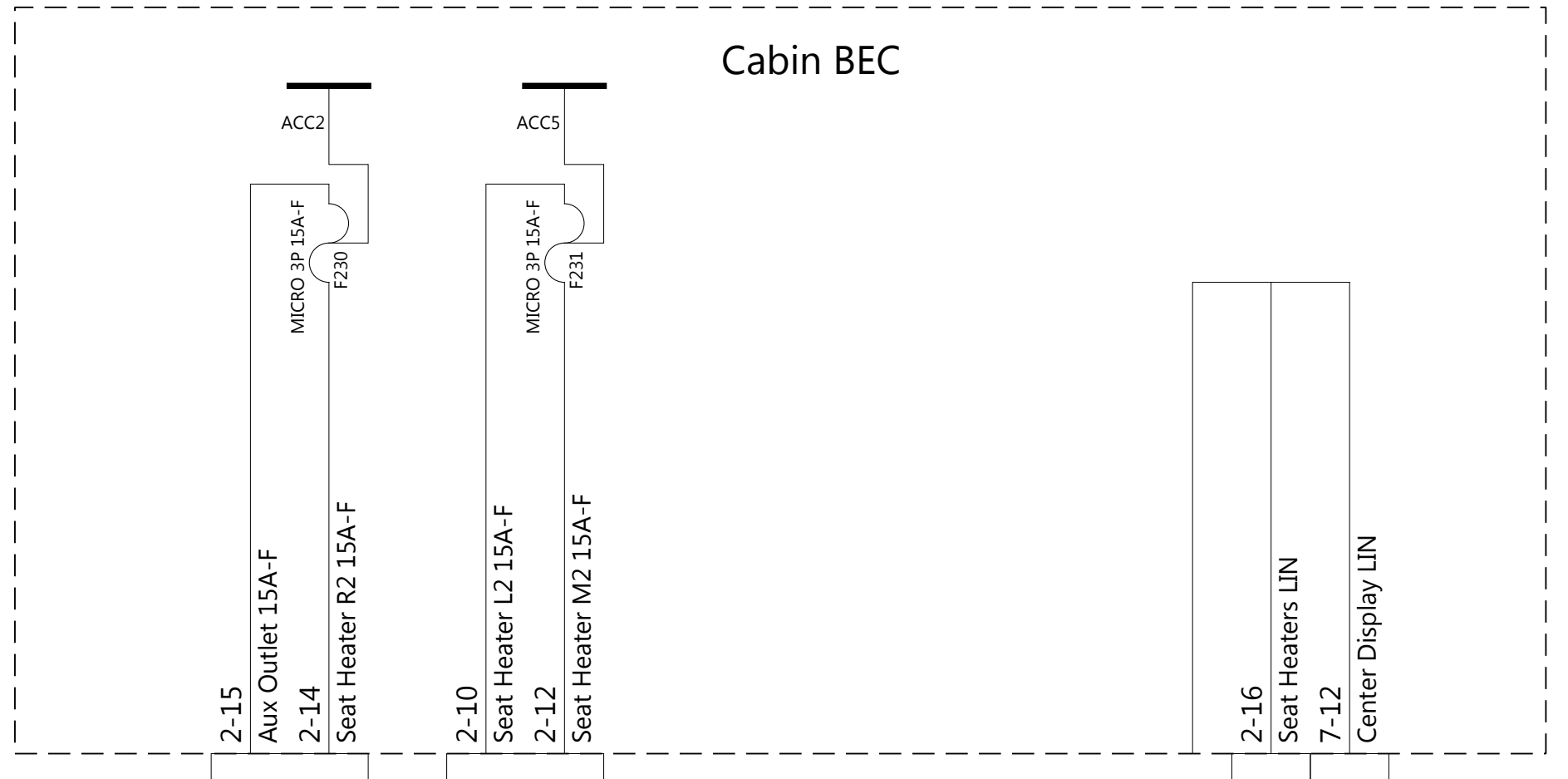
Vehicle Inlines
YL/YR X910F/X915F X911F/X916F



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



Z57-CLN04_B

PAC17-A RD/WH 1.00 FLY
3610.0 5026643-XX, 5004423-XX (M)

CLN04_B-A BU/WH 0.35 FLY
0.0 5026643-XX, 5004423-XX (M)

GDH10-A BK 1.00 FLY
855.0 5026643-XX, 5004423-XX (M)

PAC18-A RD/GY 1.00 FLY
3610.0 5026643-XX, 5004423-XX (M)

CLN04_B-B BU/WH 0.35 FLY
0.0 5026643-XX, 5004423-XX (M)

GDH11-A BK 1.00 FLY
855.0 5026643-XX, 5004423-XX (M)

PAC20-A BU 1.00 FLY
3610.0 5026643-XX, 5004423-XX (M)

CLN04_B-C BU/WH 0.35 FLY
0.0 5026643-XX, 5004423-XX (M)

GDH12-A BK 1.00 FLY
855.0 5026643-XX, 5004423-XX (M)

Seat Inline 2nd Row
M X214M

1-1
Power

1-2
LIN

1-7
Ground

1-3
Power

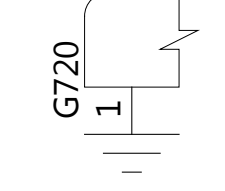
1-8
LIN

1-9
Ground

1-4
Power

1-11
LIN

1-12
Ground



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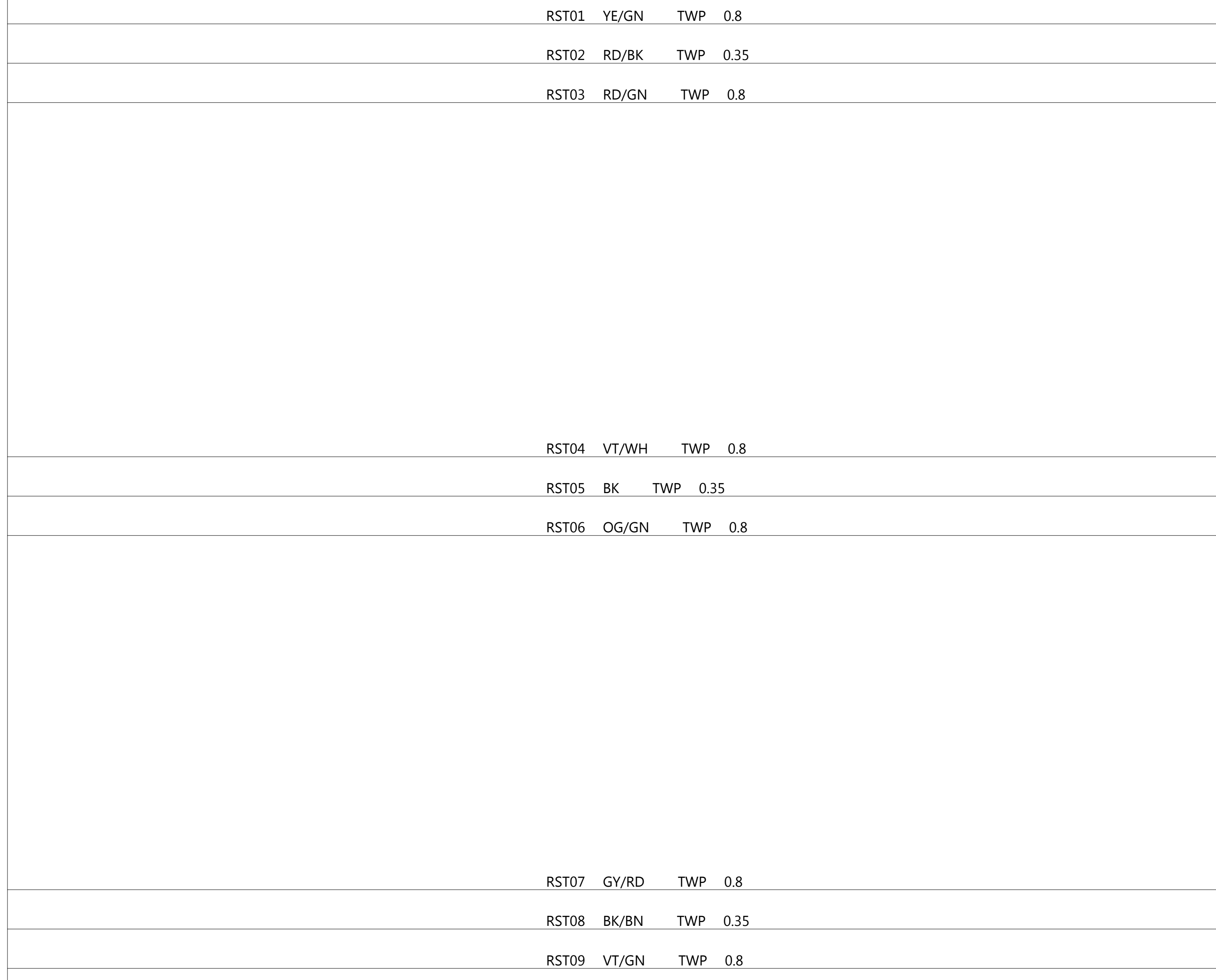
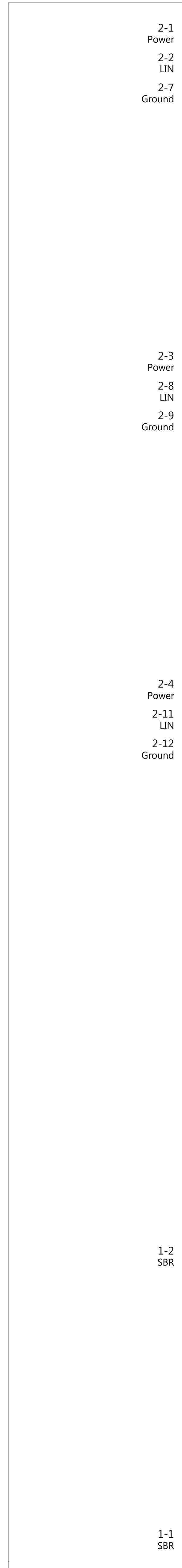
DRAWN	CHECKED	APPROVED
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MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
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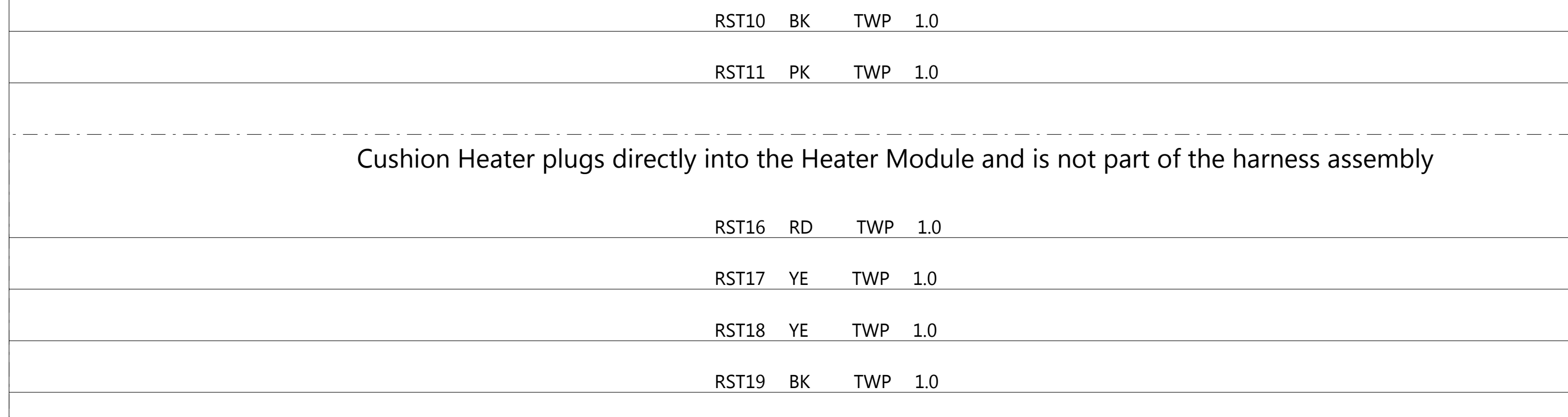
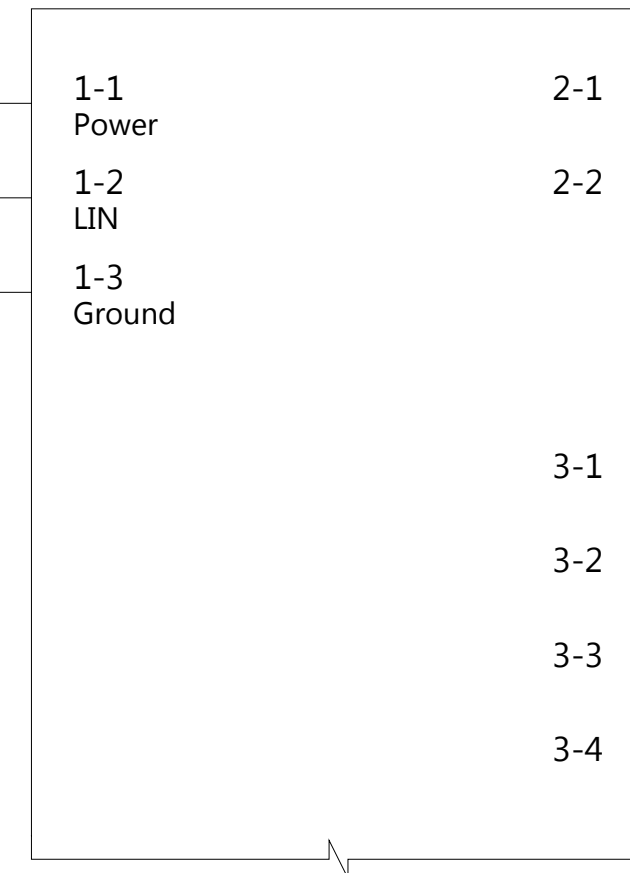
PART NAME
Seats - Rear Interface

PART NUMBER	REV 1	SHEET 1 OF 1	SIZE AO
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Vehicle Inlines
X213F X214F



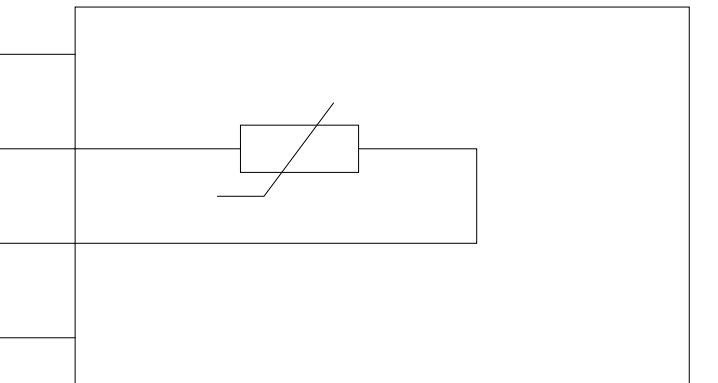
Seat Heater Module Left
X2000 X2001 X2002



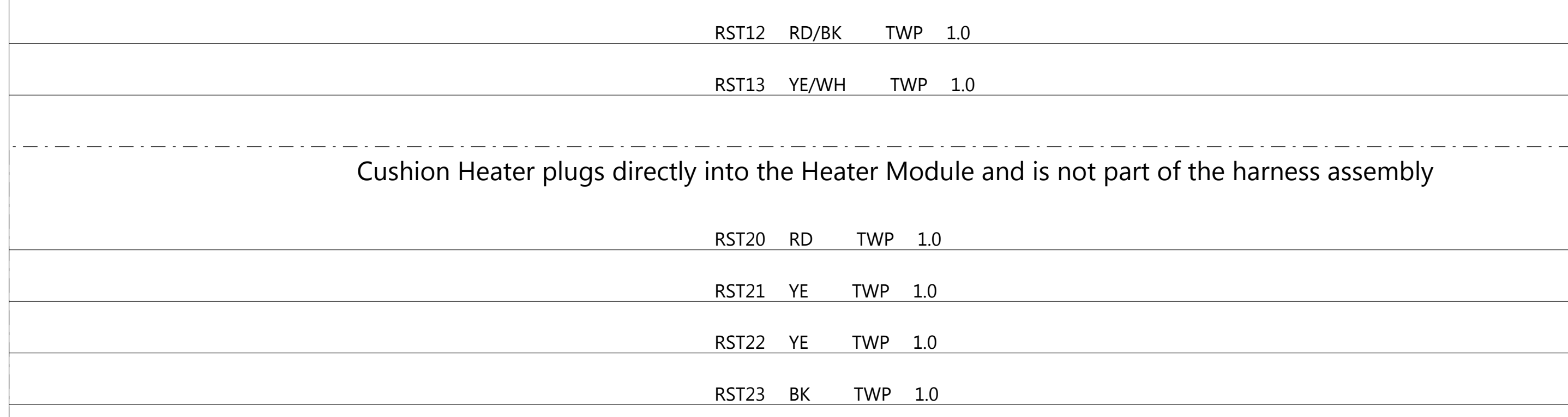
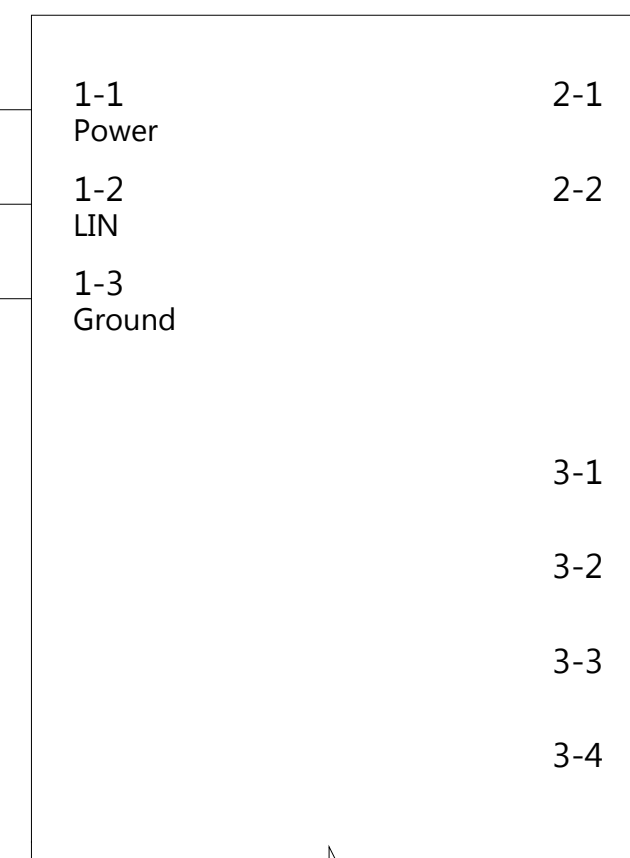
Backrest Heater LH
X2020



Cushion Heater LH



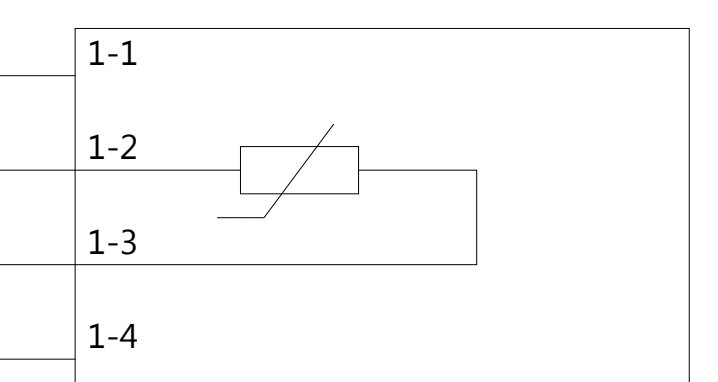
Seat Heater Module Middle
X2003 X2004 X2005



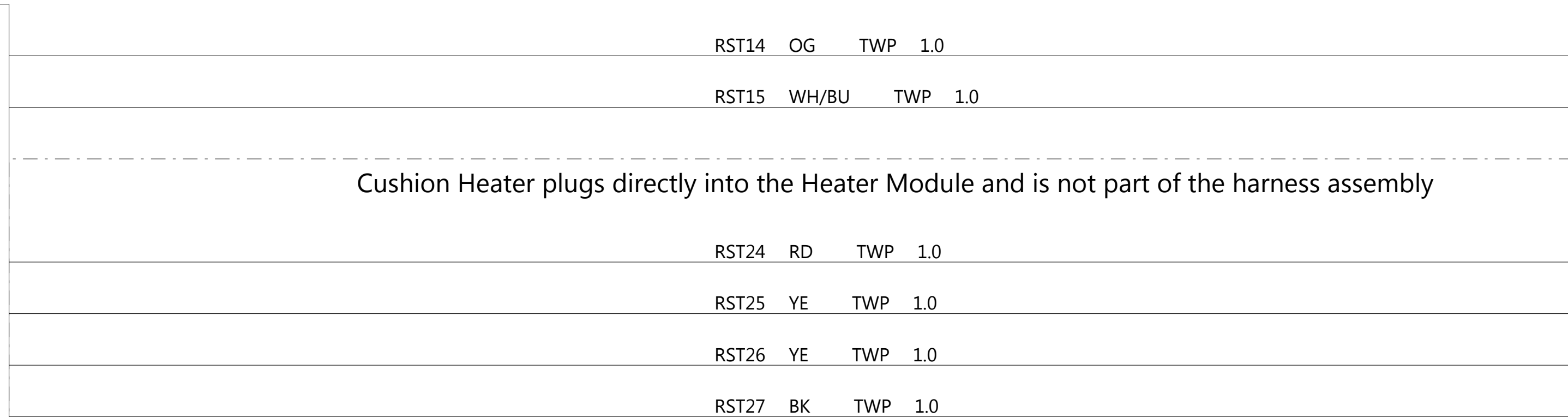
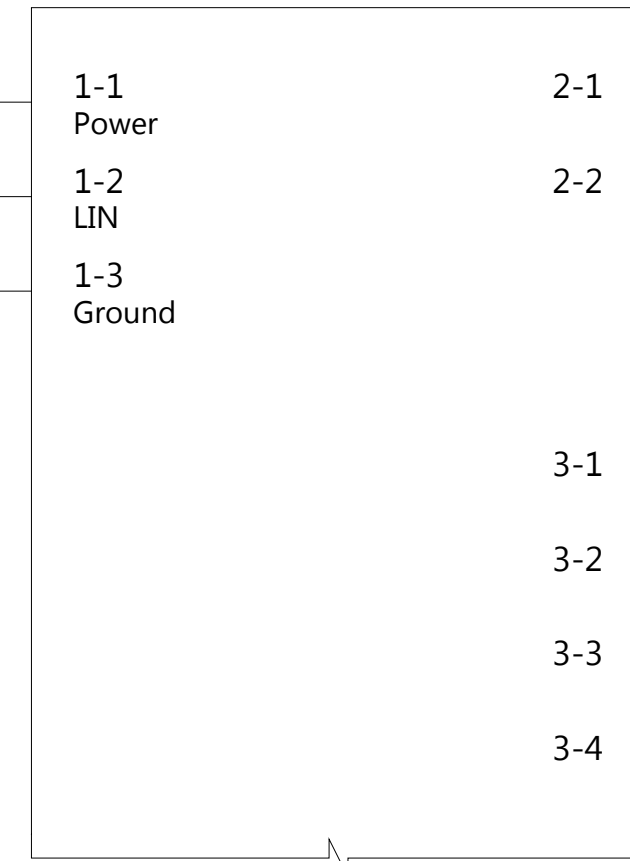
Backrest Heater CTR
X2021



Cushion Heater CTR



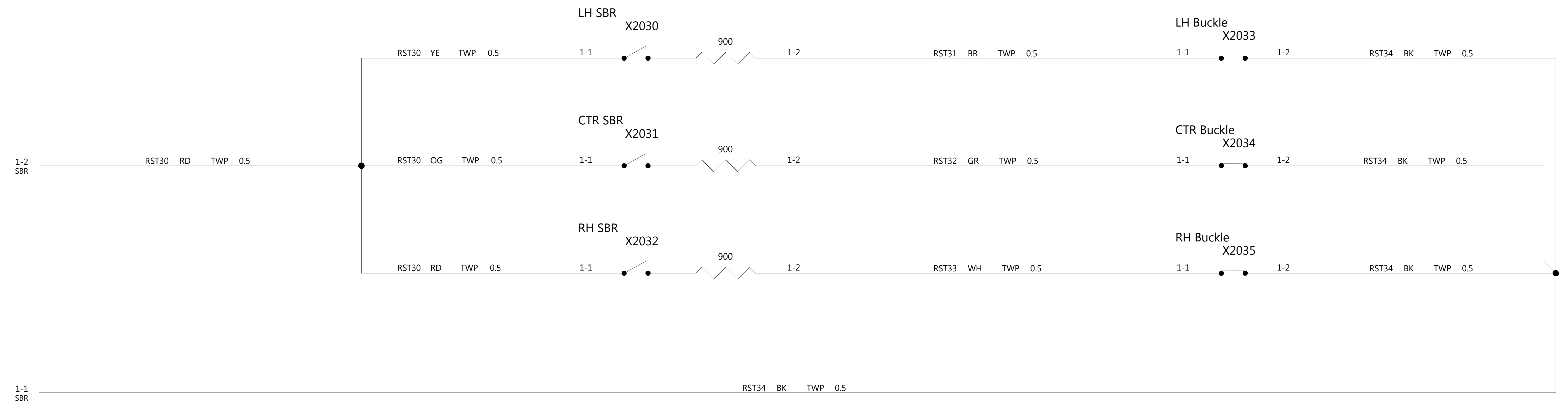
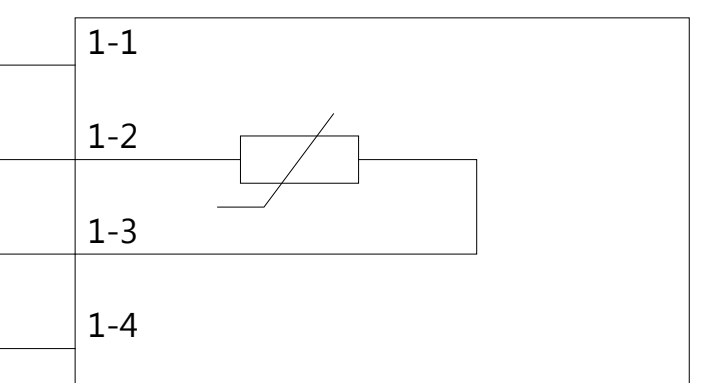
Seat Heater Module Right
X2006 X2007 X2008



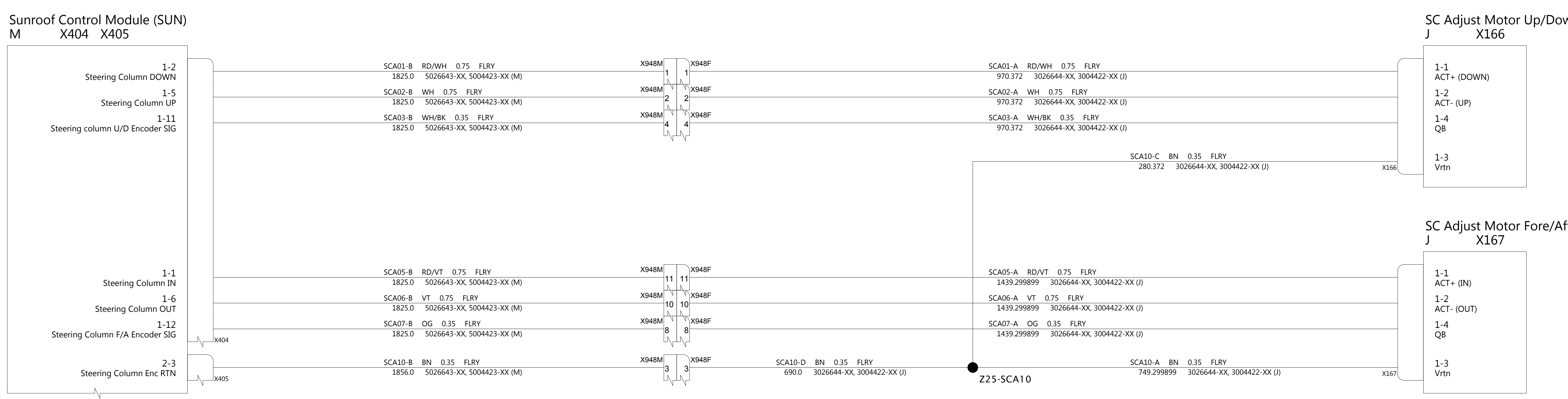
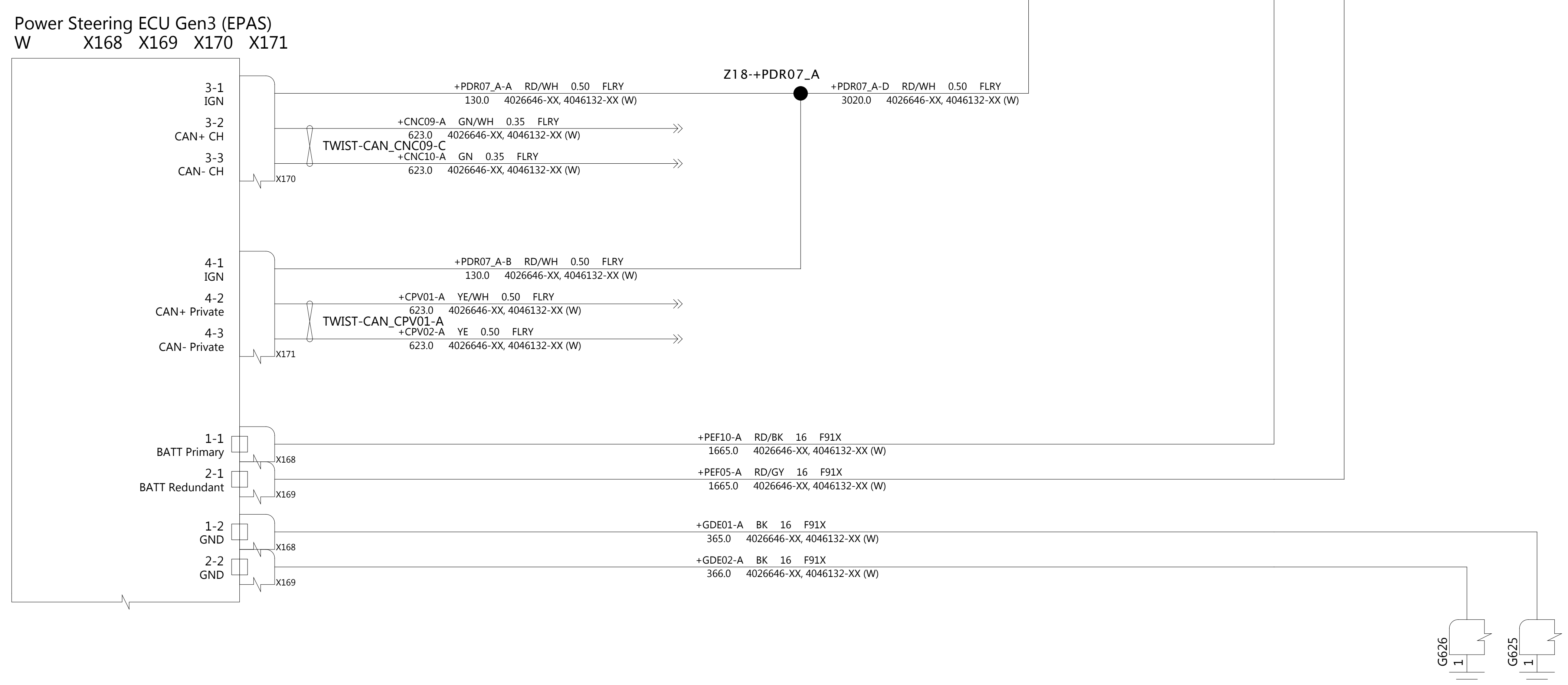
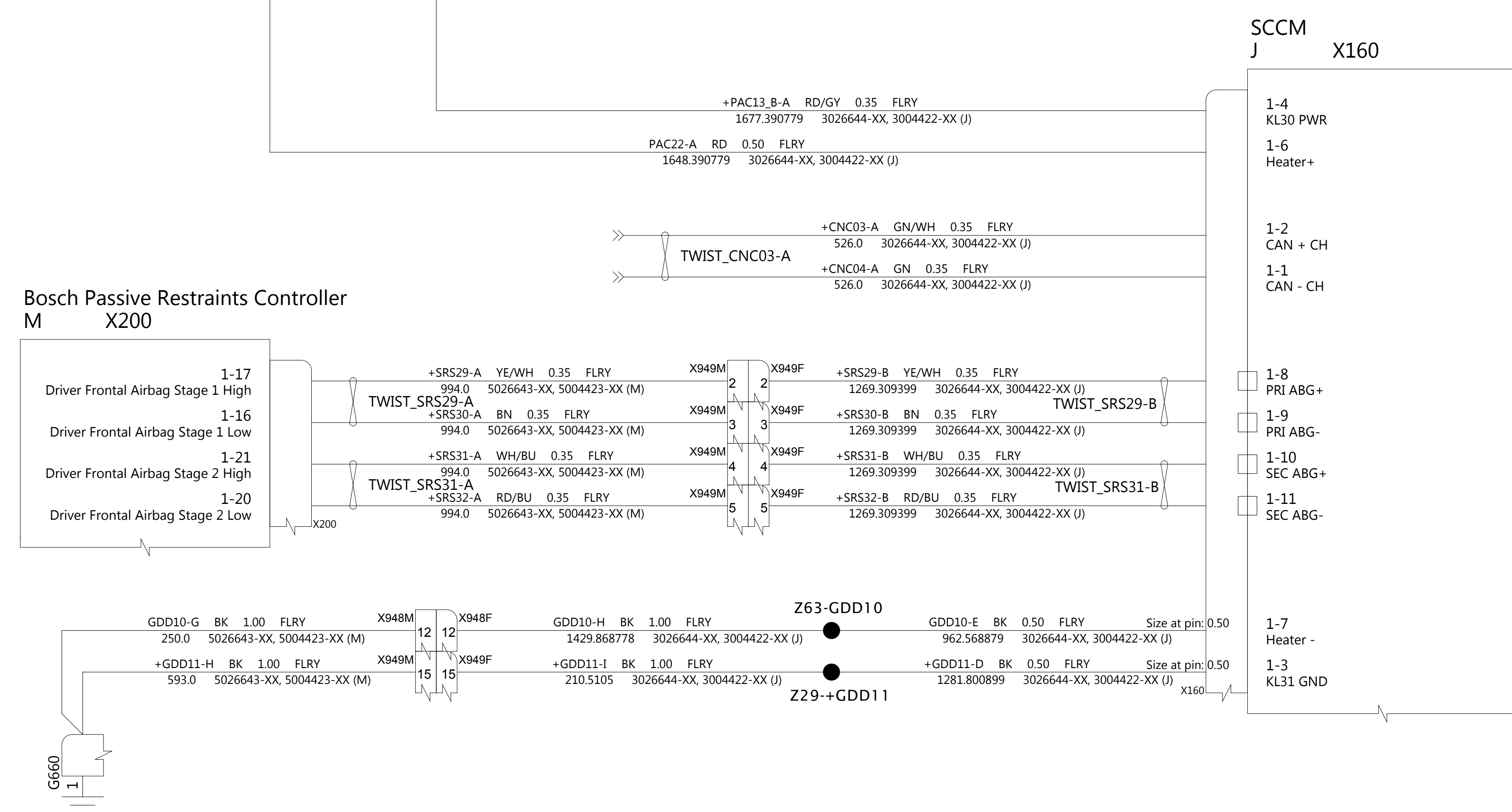
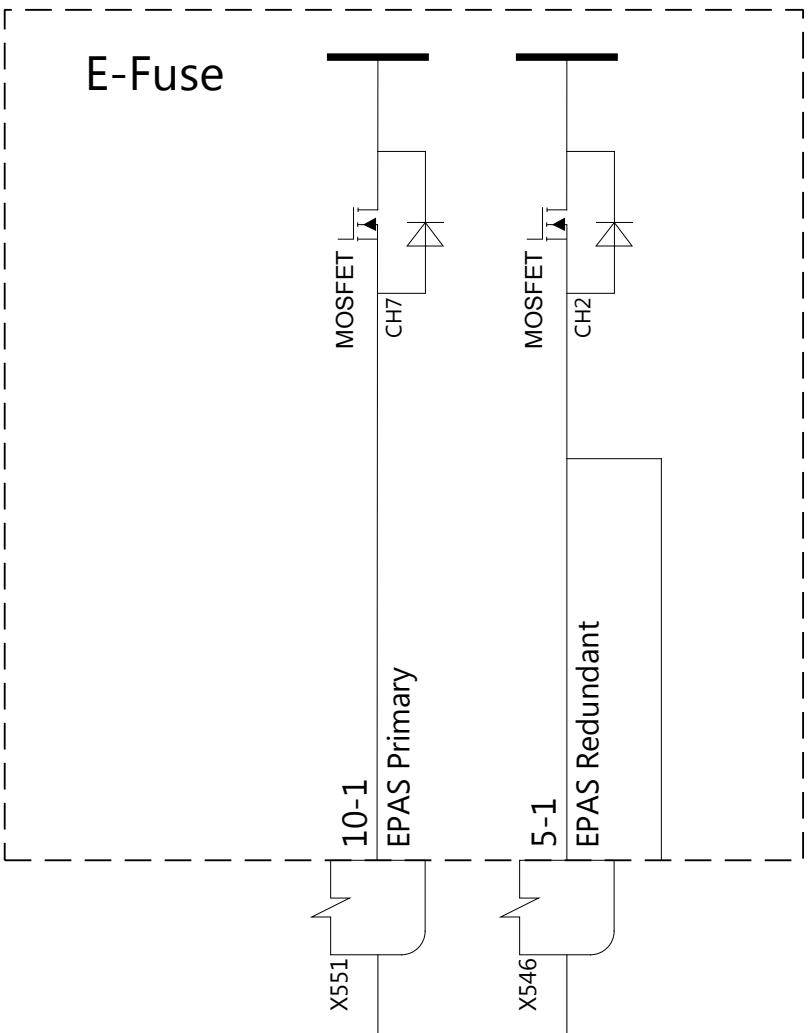
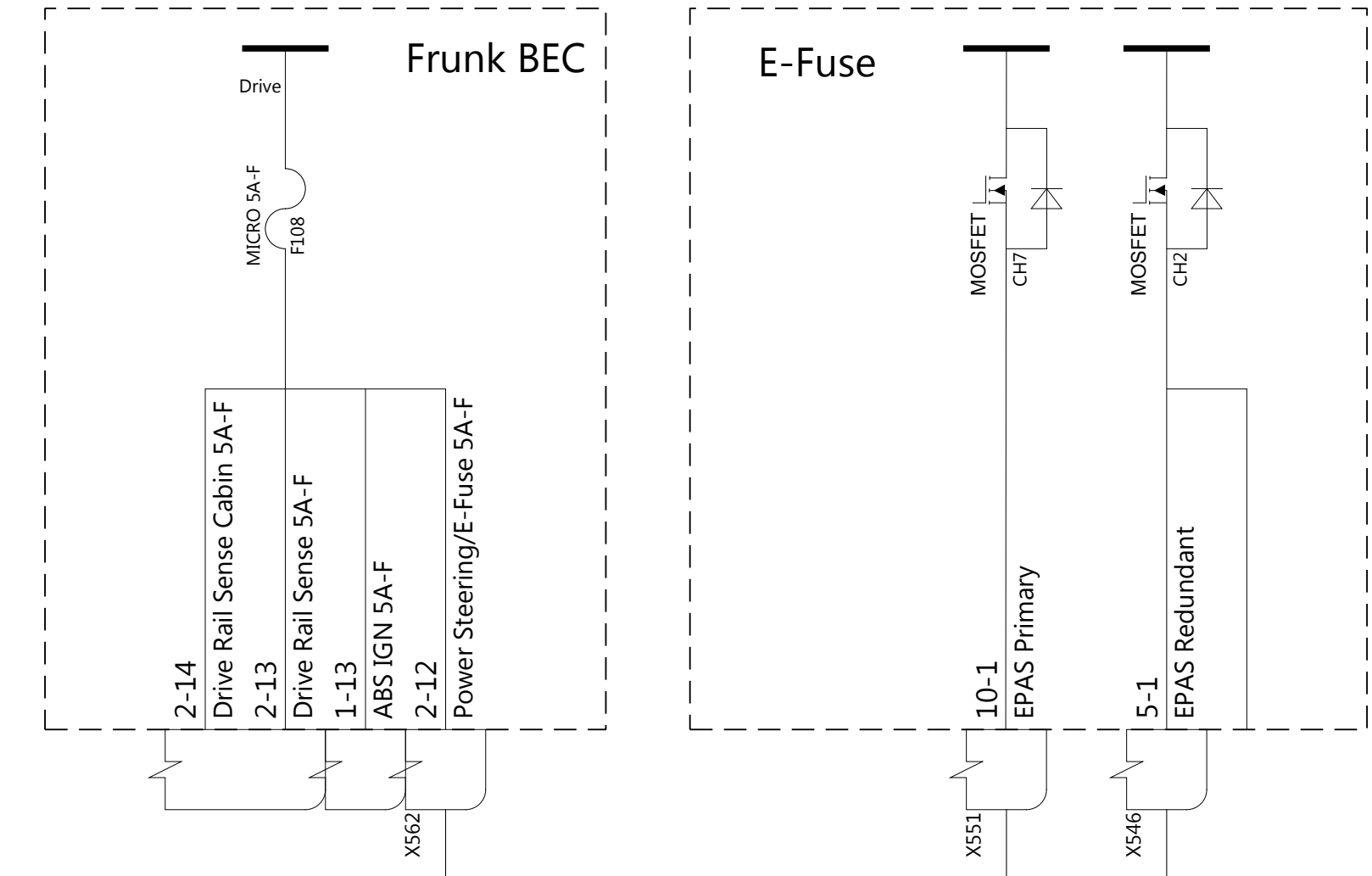
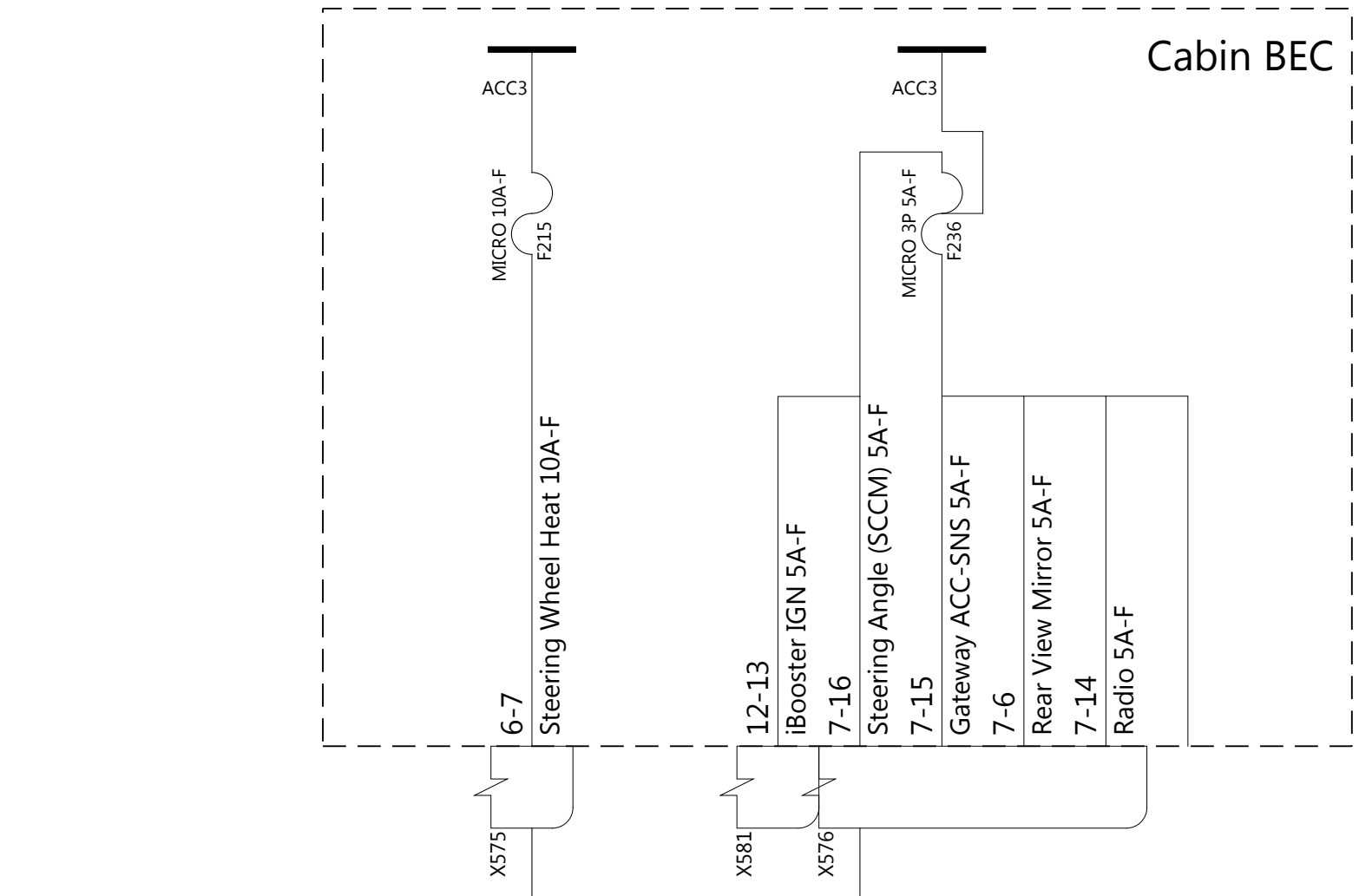
Backrest Heater RH
X2022



Cushion Heater RH



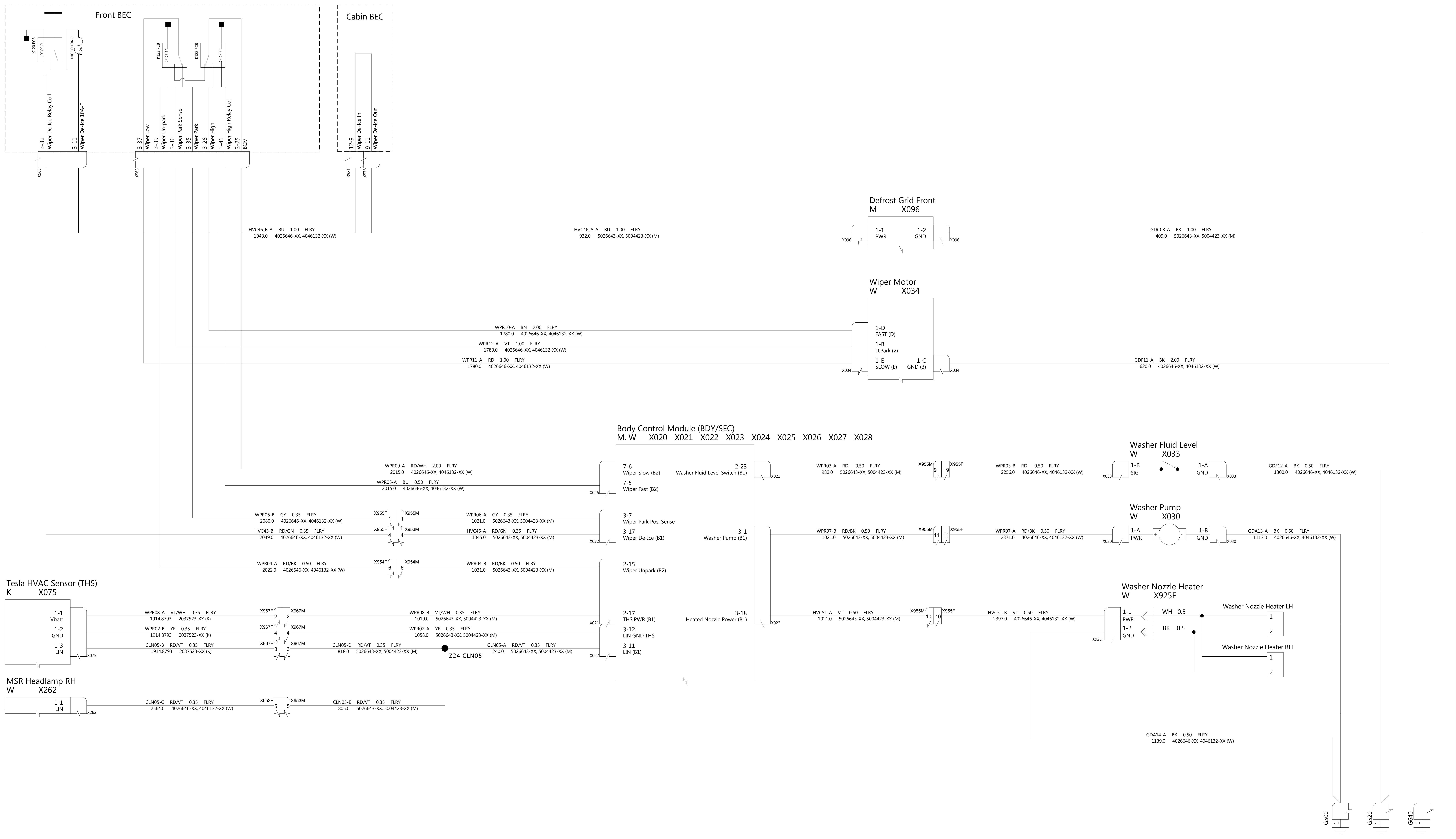
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DRAWN	CHECKED	APPROVED	
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE	
PART NAME Seats - Internal Rear			
PART NUMBER	REV 1	SHEET 1 OF 1	SIZE AO



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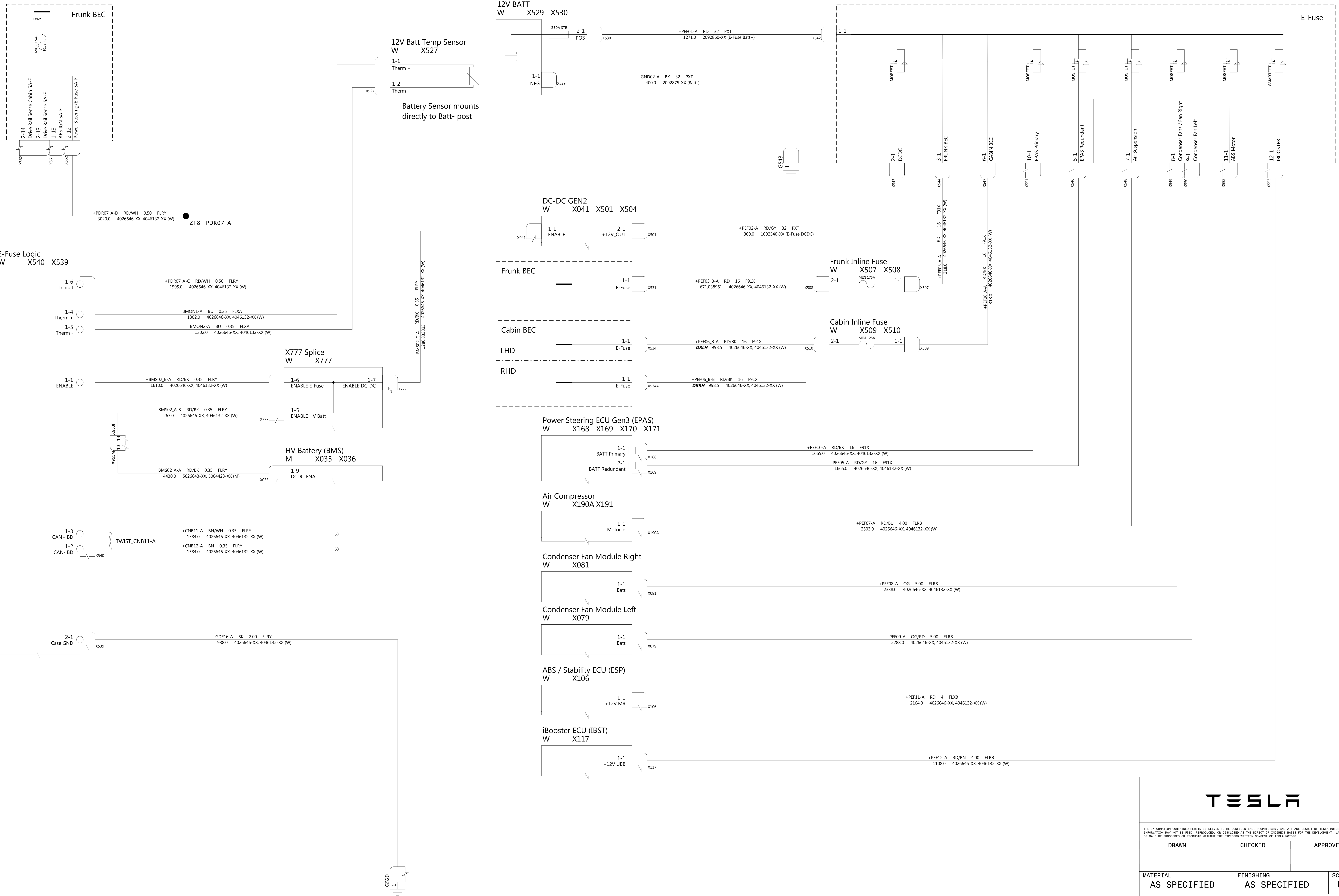
DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME Steering Column / Controls / Power Steering		
PART NUMBER	REV 3	SHEET 1 of 1
		SIZE AO



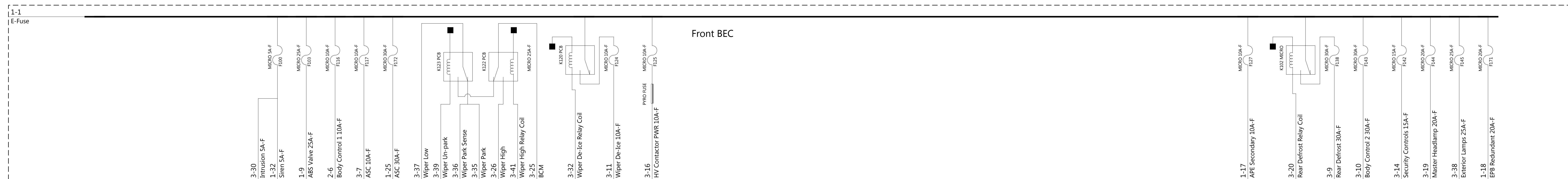
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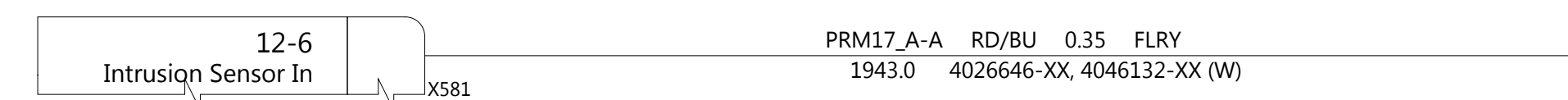
DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME Wiper/Washer and HVAC Sensor		
PART NUMBER	REV 3	SHEET 1 of 1
		SIZE AO



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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 AO



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



REEU 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



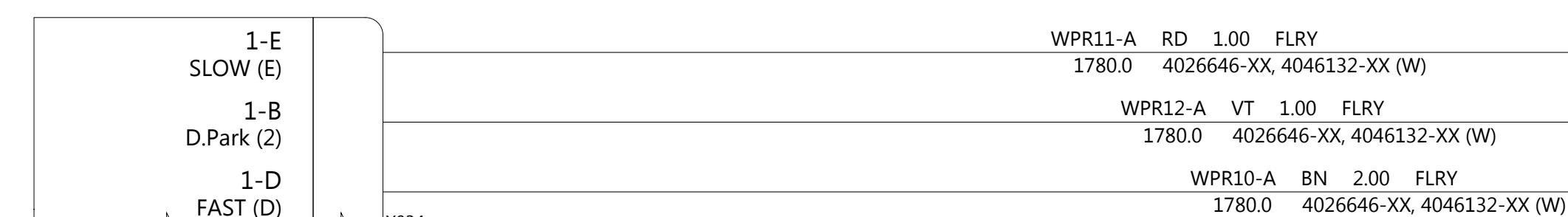
TAS Tesla Air Suspension Controller (TAS)
W X180A X181A



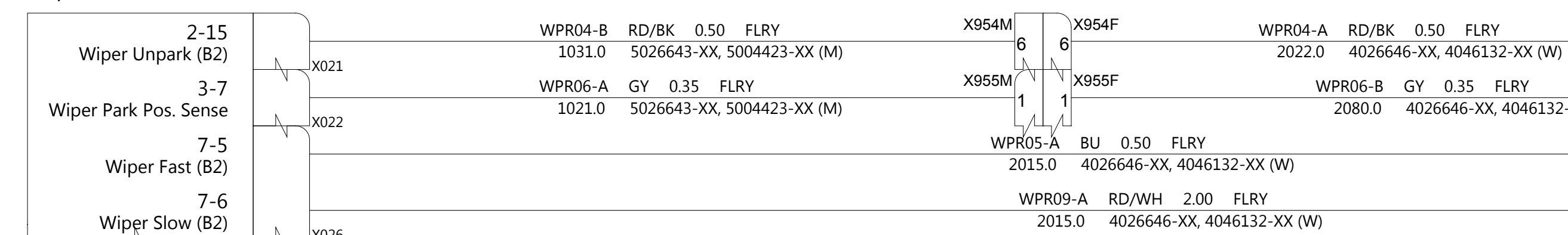
SU02/SU03 Adaptive Suspension Controller (TAS)
W X176 X177 X178 X179



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



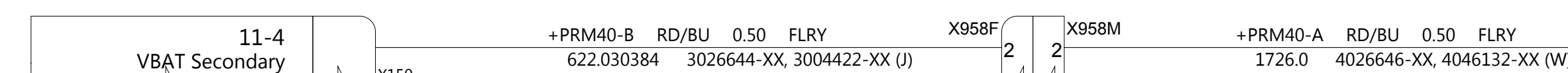
CJB Passthrough Wiper De-Ice
X570 X571 X572 X573 X574 X575 X576 X577 X578 X579 X580 X581



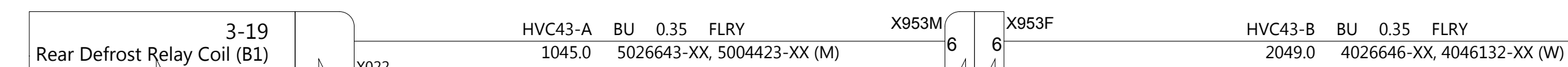
First Responder Cutloop
W X535 X536



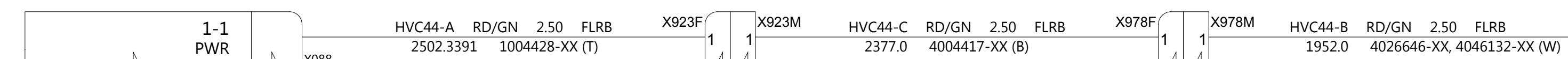
AutoPilot ECU (DAS)
J X149 X865 X866 X872 X873 X801A X833 X834 X835 X836 X150



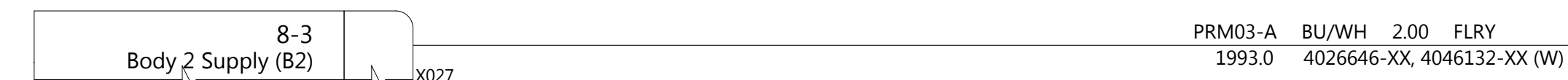
Body Control Module (BDY/SEC)
M, W X020 X021 X022 X023 X024 X025 X026 X027 X028



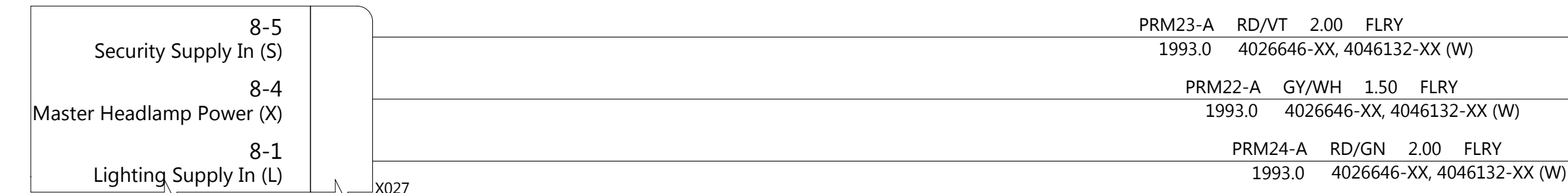
Rear Defrost Grid+
T X088



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

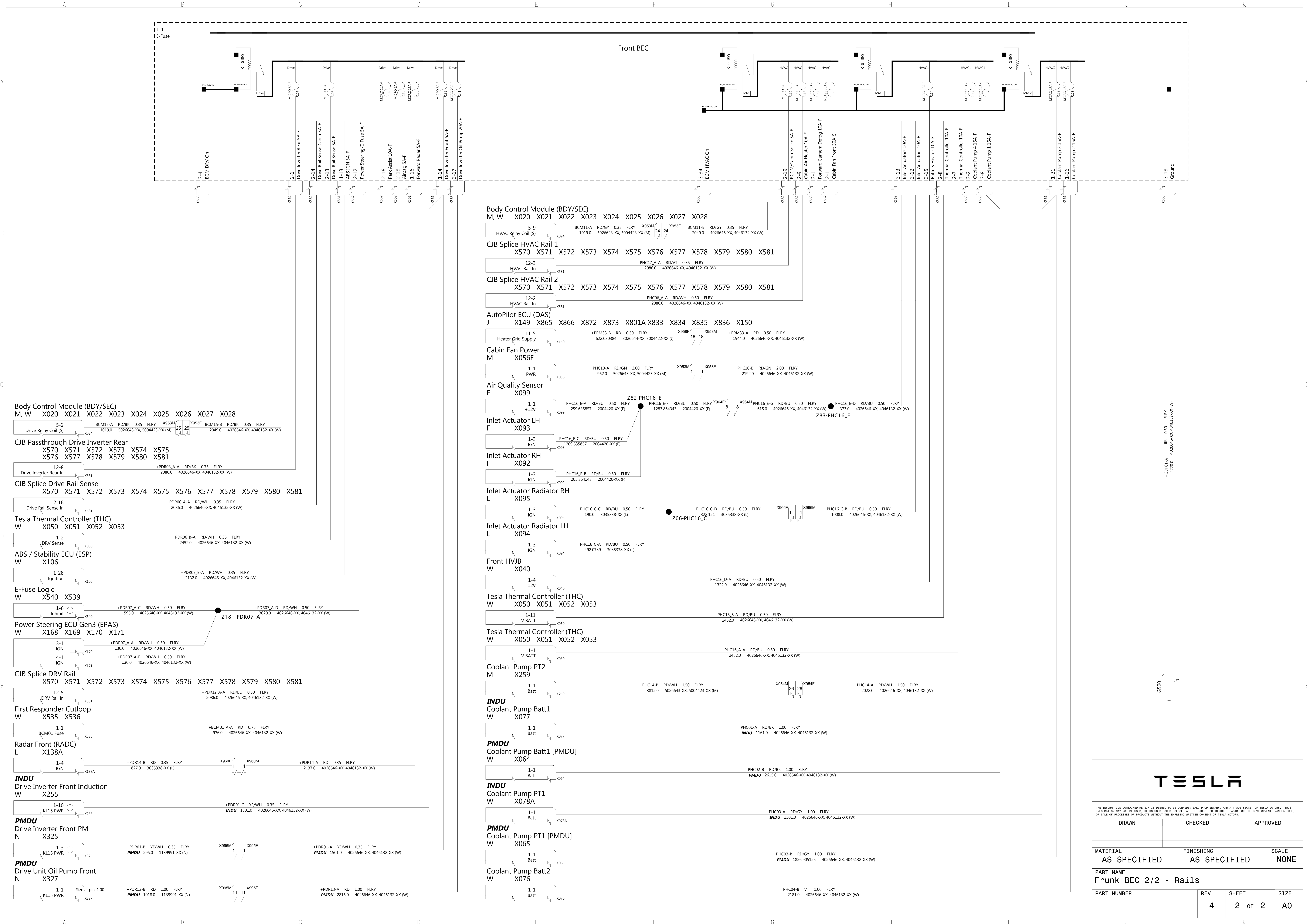


EPB ECU
B X101 X102



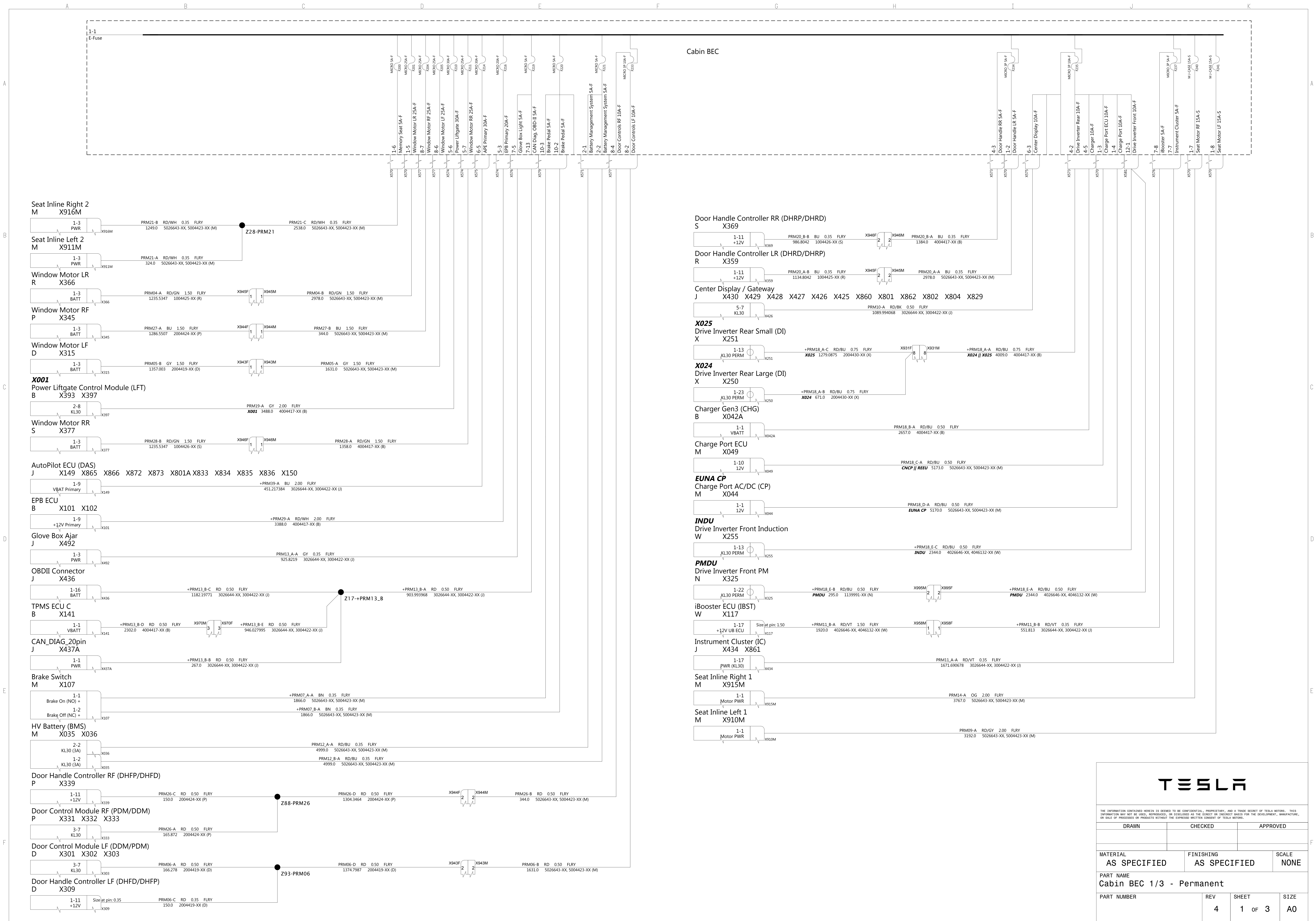
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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME Frunk BEC 1/2 - Permanent		
PART NUMBER	REV 4	SHEET 1 of 2
		SIZE AO

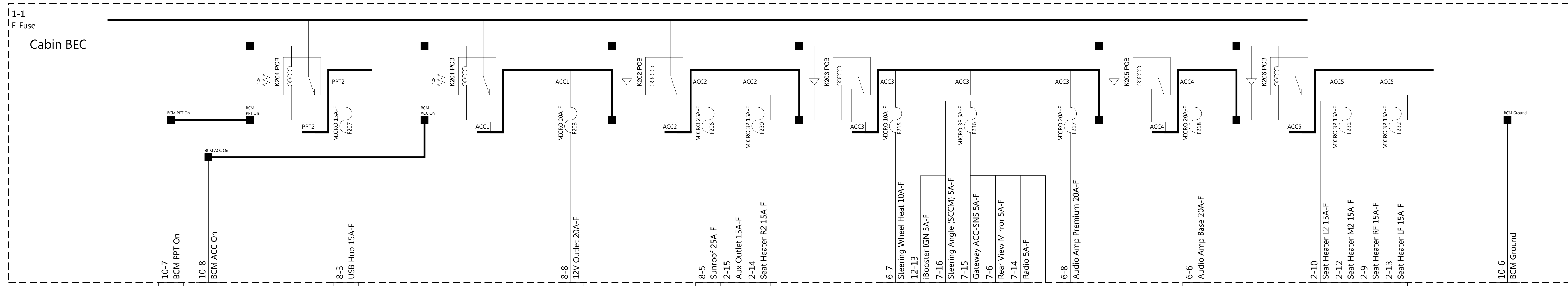


- Body Control Module (BDY/SEC)**
M, W X020 X021 X022 X023 X024 X025 X026 X027 X028
- CJB Splice HVAC Rail 1**
X570 X571 X572 X573 X574 X575 X576 X577 X578 X579 X580 X581
- CJB Splice HVAC Rail 2**
X570 X571 X572 X573 X574 X575 X576 X577 X578 X579 X580 X581
- AutoPilot ECU (DAS)**
J X149 X865 X866 X872 X873 X801A X833 X834 X835 X836 X150
- Cabin Fan Power**
M X056F
- Air Quality Sensor**
F X099
- Inlet Actuator LH**
F X093
- Inlet Actuator RH**
F X092
- Inlet Actuator Radiator RH**
L X095
- Inlet Actuator Radiator LH**
L X094
- Front HVJB**
W X040
- Tesla Thermal Controller (THC)**
W X050 X051 X052 X053
- Tesla Thermal Controller (THC)**
W X050 X051 X052 X053
- Coolant Pump PT2**
M X259
- INDU Coolant Pump Batt1**
W X077
- PMDU Coolant Pump Batt1 (PMDU)**
W X064
- INDU Coolant Pump PT1**
W X078A
- PMDU Coolant Pump PT1 (PMDU)**
W X065
- Coolant Pump Batt2**
W X076

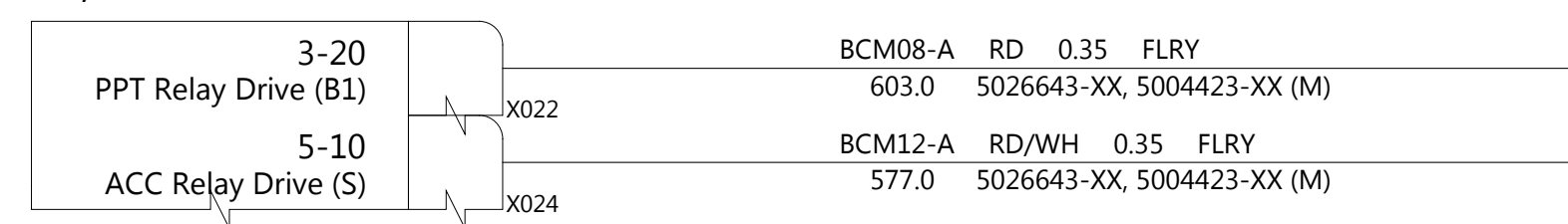
TESLA			
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DRAWN	CHECKED	APPROVED	
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE	
PART NAME Frunk BEC 2/2 - Rails			
PART NUMBER	REV 4	SHEET 2 OF 2	SIZE AO



TESLA			
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DRAWN	CHECKED	APPROVED	
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE	
PART NAME Cabin BEC 1/3 - Permanent			
PART NUMBER	REV 4	SHEET 1 of 3	SIZE AO



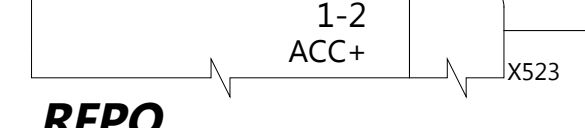
Body Control Module (BDY/SEC)
M, W X020 X021 X022 X023 X024 X025 X026 X027 X028



12V Outlet USB Hub C
X522



Aux 12V Power Socket C
X523

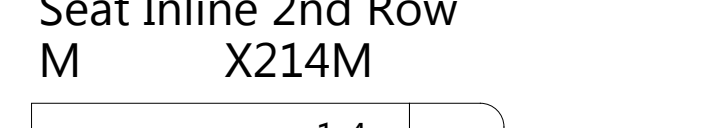


RFPO

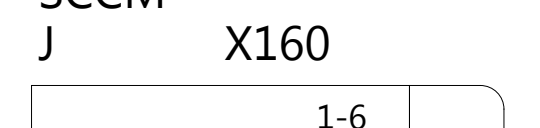
Sunroof Tester M
X919M



Sunroof Control Module (SUN) M
X404 X405



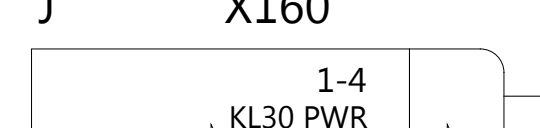
Seat Inline 2nd Row M
X214M



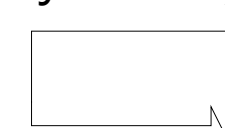
SCCM J
X160



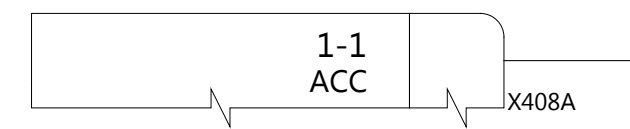
iBooster ECU (IBST) W
X117



SCCM J
X160



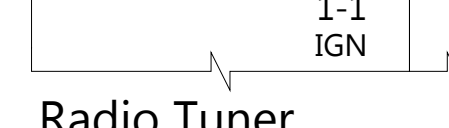
Center Display / Gateway J
X430 X429 X428 X427 X426 X425 X860 X801 X862 X802 X804 X829



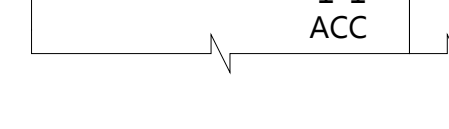
Rear View Mirror K
X408A



Vanity Light LF K
X296



Vanity Light RF K
X297

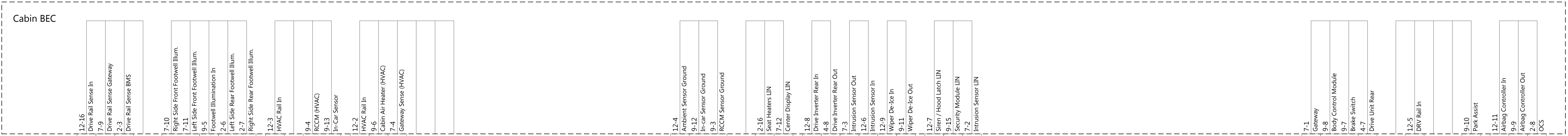


Radio Tuner J
X439 X805F X807F

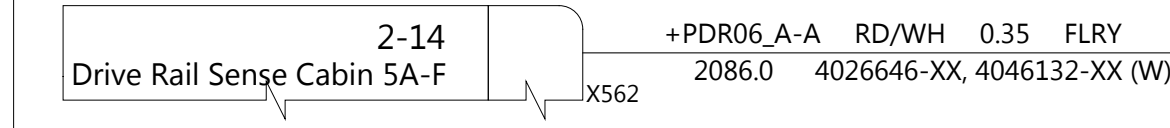


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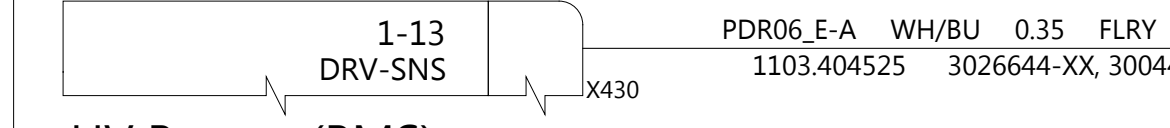
DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME Cabin BEC 2/3 - Rails		
PART NUMBER	REV 4	SHEET 2 OF 3
		SIZE AO



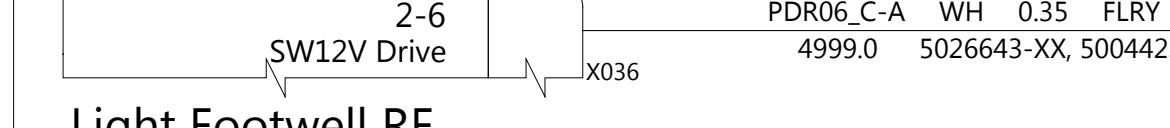
FJB F108 Drive Rail Sense 5A-F
 W X561 X562 X563 X531



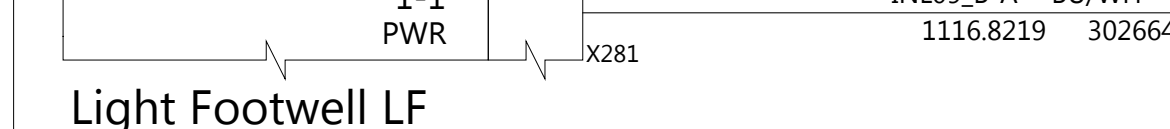
Center Display / Gateway
 J X430 X429 X428 X427 X426 X425
 X860 X801 X862 X802 X804 X829



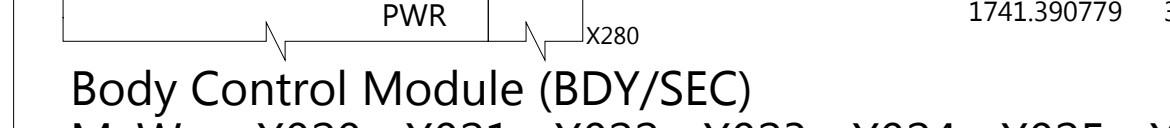
HV Battery (BMS)
 M X035 X036



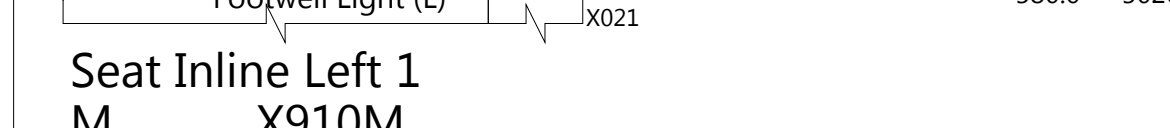
Light Footwell RF
 J X281



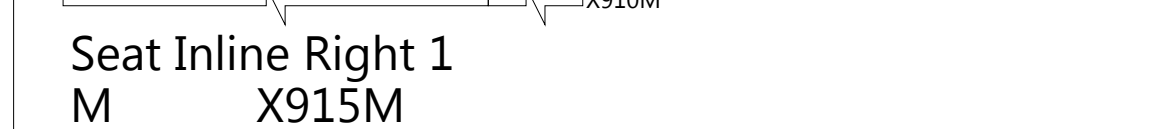
Light Footwell LF
 J X280



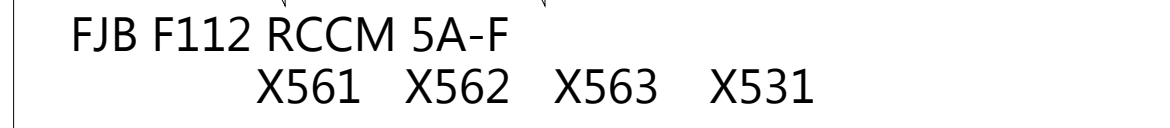
Body Control Module (BDY/SEC)
 M, W X020 X021 X022 X023 X024 X025 X026 X027 X028



Seat Inline Left 1
 M X910M



Seat Inline Right 1
 M X915M



FJB F112 RCCM 5A-F
 X561 X562 X563 X531



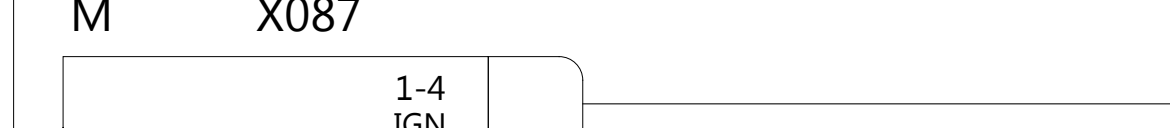
RCCM
 M X055



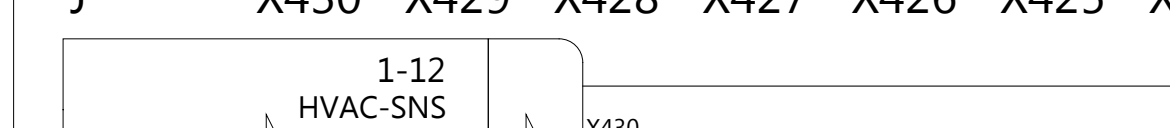
In Car Sensor
 C X059



FJB F113 Cabin Air Heater 10A-F
 X561 X562 X563 X531



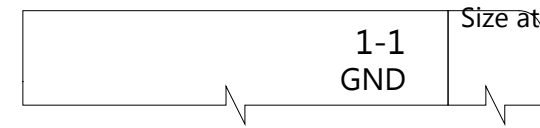
PTC Air Heater
 M X087



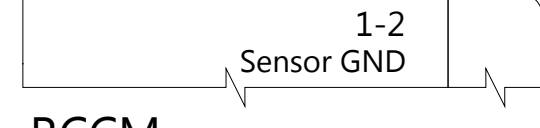
Center Display / Gateway
 J X430 X429 X428 X427 X426 X425 X860 X801 X862 X802 X804 X829



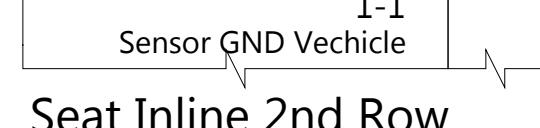
Ambient Temp Sensor
 F X091



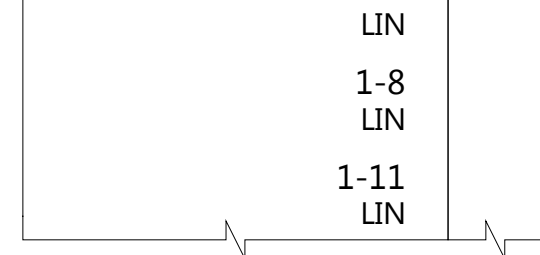
In Car Sensor
 C X059



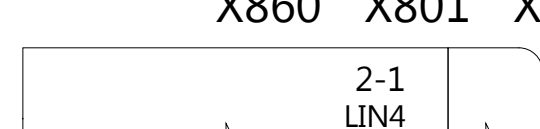
RCCM
 M X055



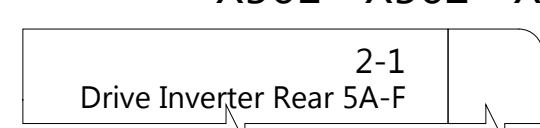
Seat Inline 2nd Row
 M X214M



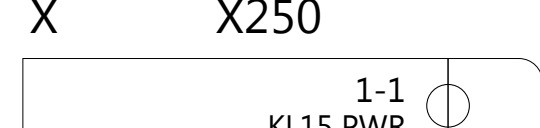
Center Display / Gateway
 J X430 X429 X428 X427 X426 X425
 X860 X801 X862 X802 X804 X829



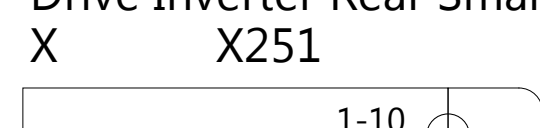
FJB F107 Drive Inverter Rear 5A-F
 X561 X562 X563 X531



X024
 Drive Inverter Rear Large (DI)
 X X250



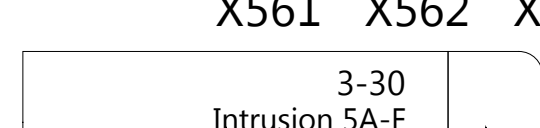
X025
 Drive Inverter Rear Small (DI)
 X X251



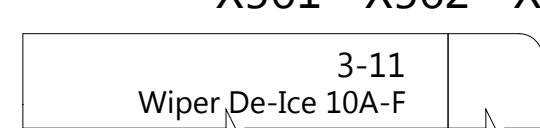
Intrusion Module
 K X400



FJB F100 Siren/Intrusion 5A-F
 X561 X562 X563 X531



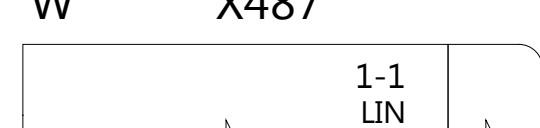
FJB F124/K120 Wiper De-Ice 10A-F
 X561 X562 X563 X531



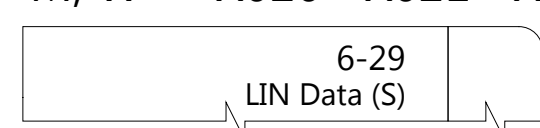
Defrost Grid Front
 M X096



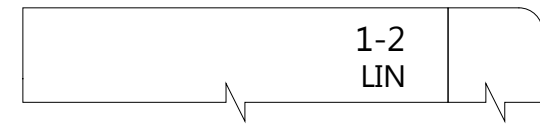
REEU
 Siren Module
 W X487



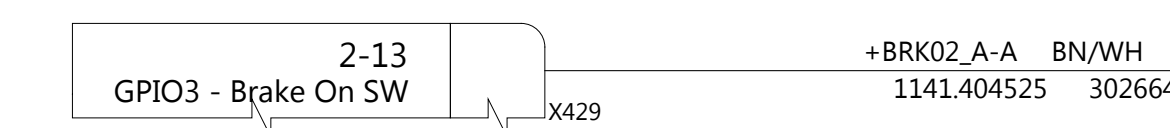
Body Control Module (BDY/SEC)
 M, W X020 X021 X022 X023 X024 X025 X026 X027 X028



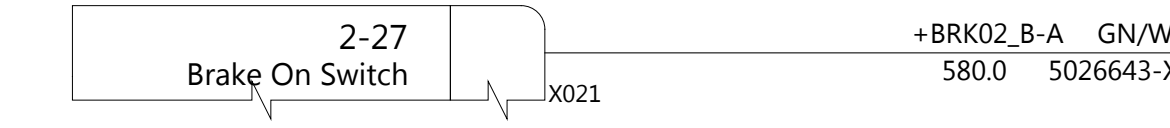
Intrusion Module
 K X400



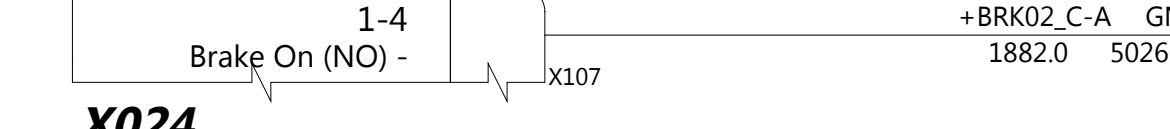
Center Display / Gateway
 J X430 X429 X428 X427 X426 X425
 X860 X801 X862 X802 X804 X829



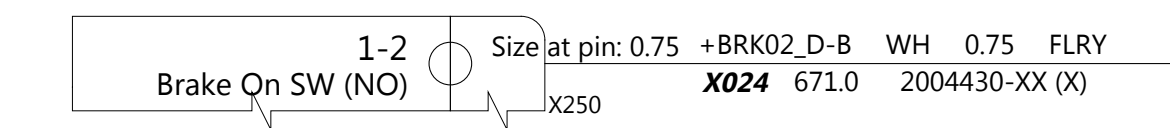
Body Control Module (BDY/SEC)
 M, W X020 X021 X022 X023 X024 X025 X026 X027 X028



Brake Switch
 M X107



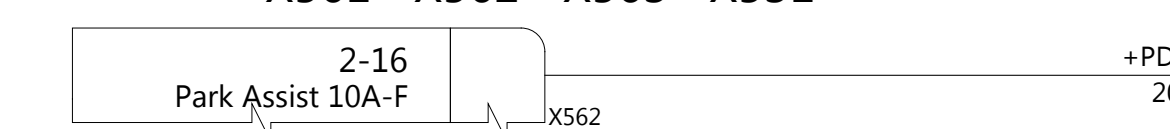
X024
 Drive Inverter Rear Large (DI)
 X X250



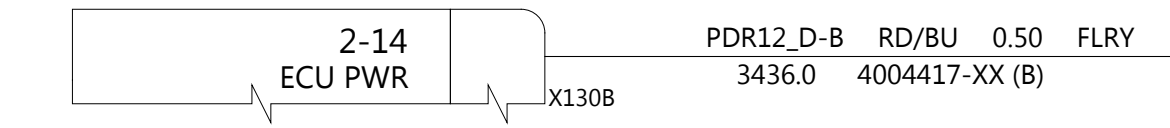
X025
 Drive Inverter Rear Small (DI)
 X X251



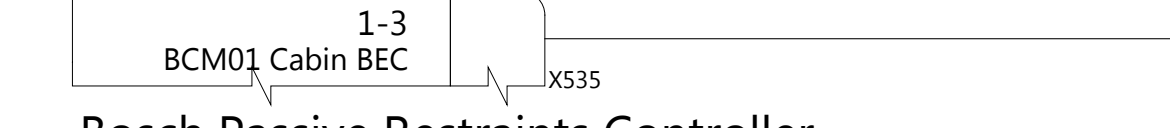
FJB F109 Park Assist 10A-F
 X561 X562 X563 X531



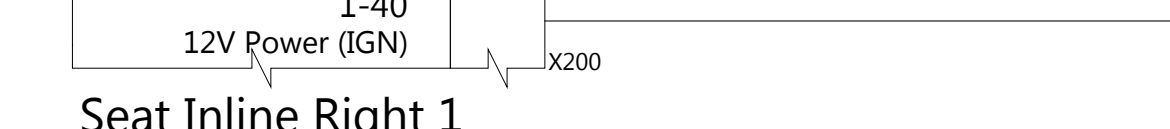
Park Aid ECU (PARK)
 B X129B X130B



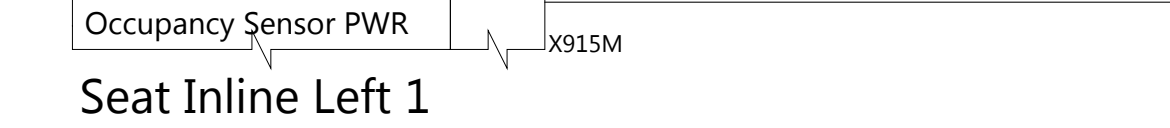
First Responder Cutloop
 W X535 X536



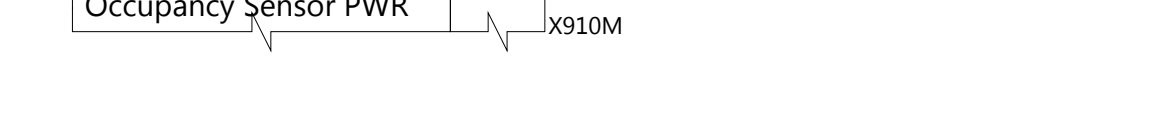
Bosch Passive Restraints Controller
 M X200



Seat Inline Right 1
 M X915M



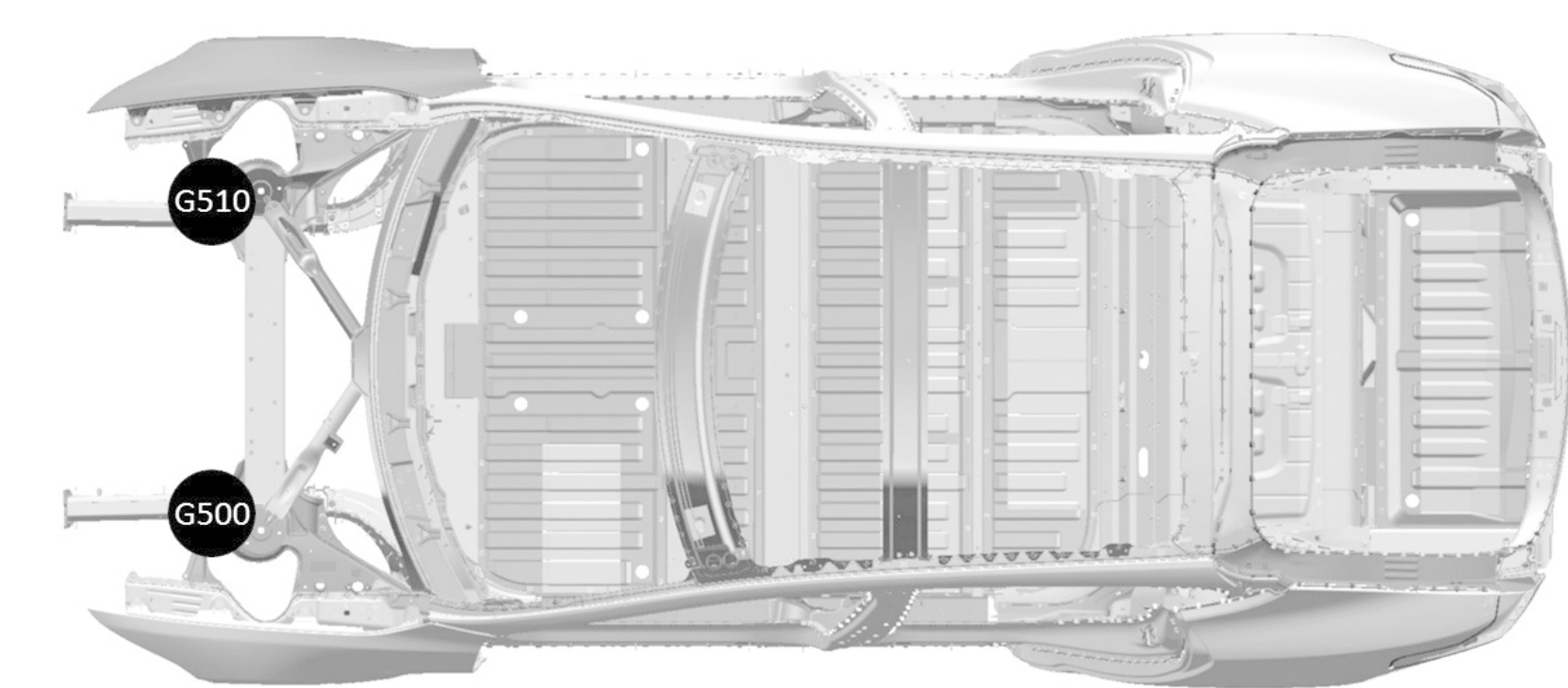
Seat Inline Left 1
 M X910M



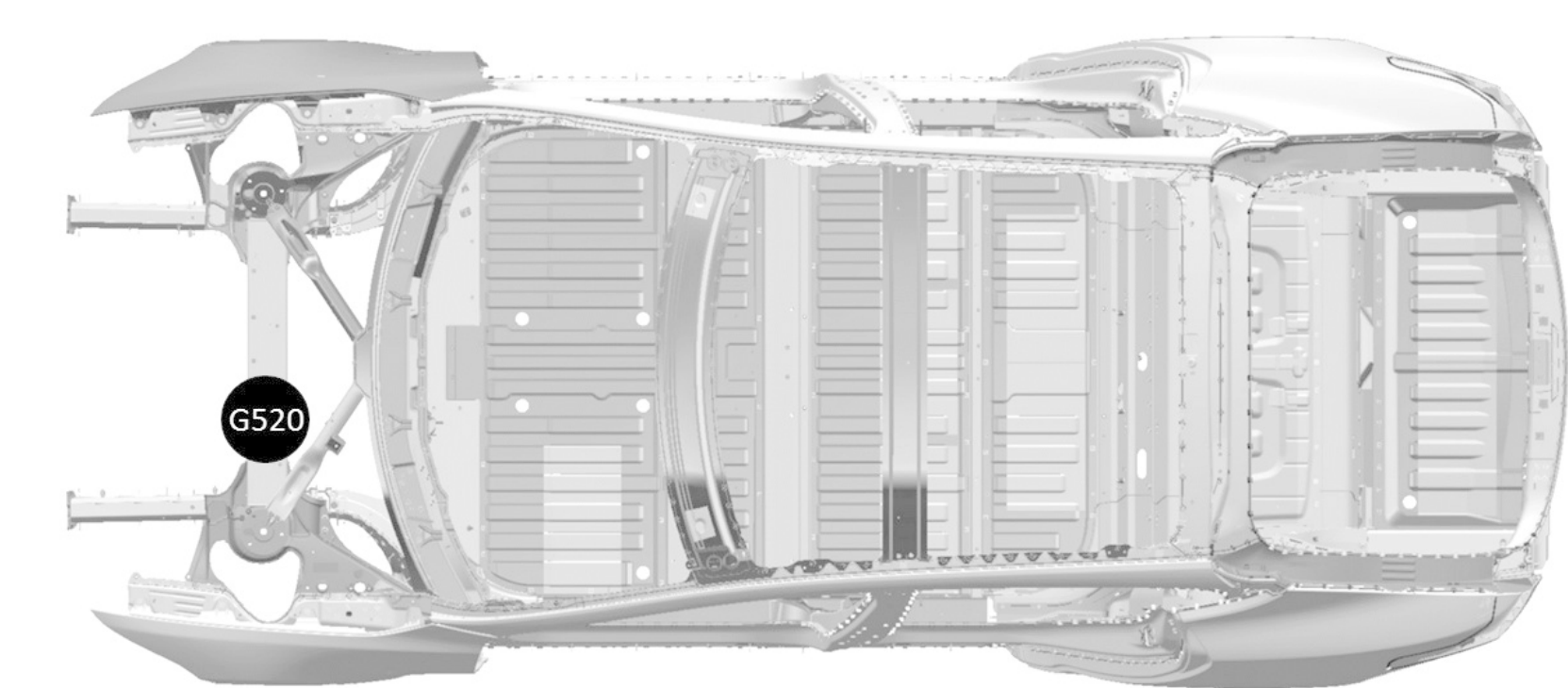
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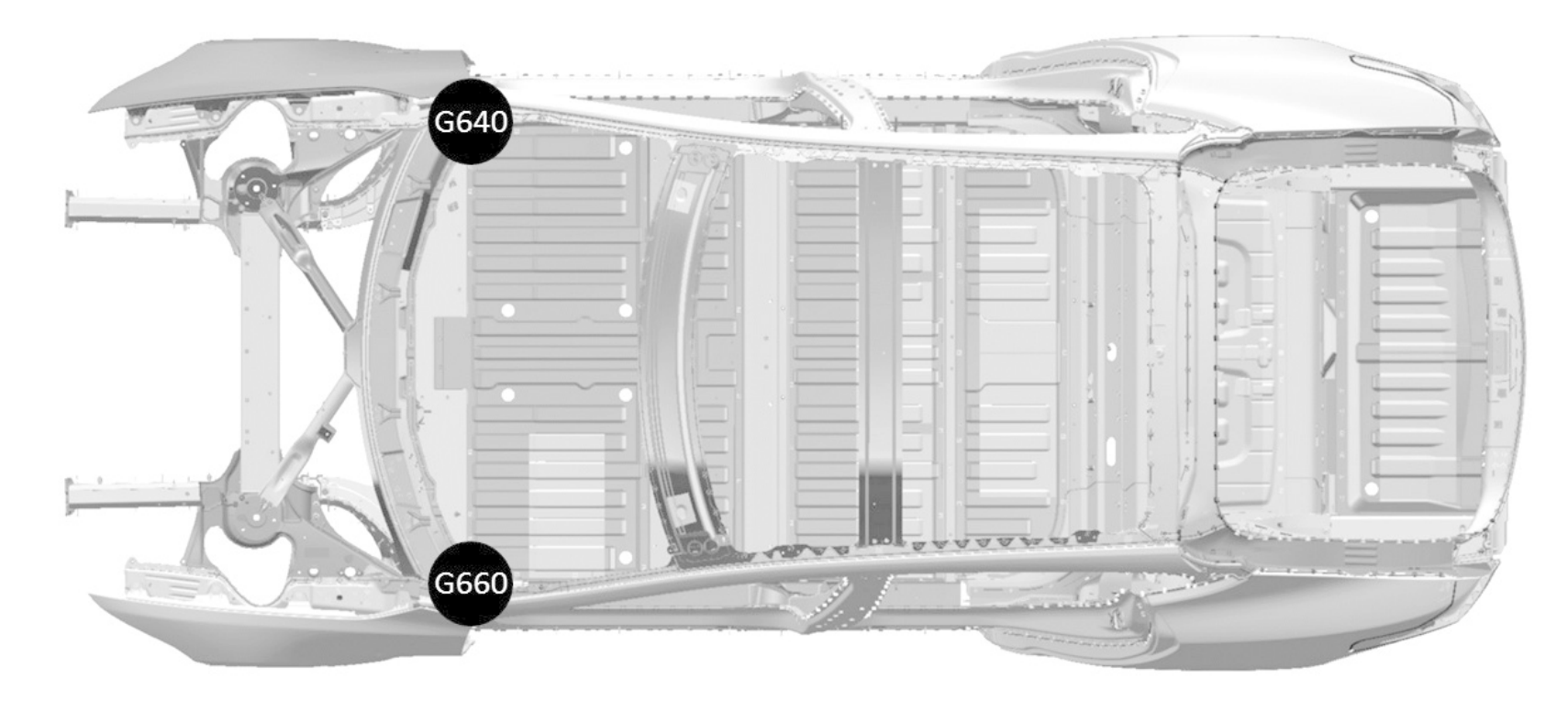
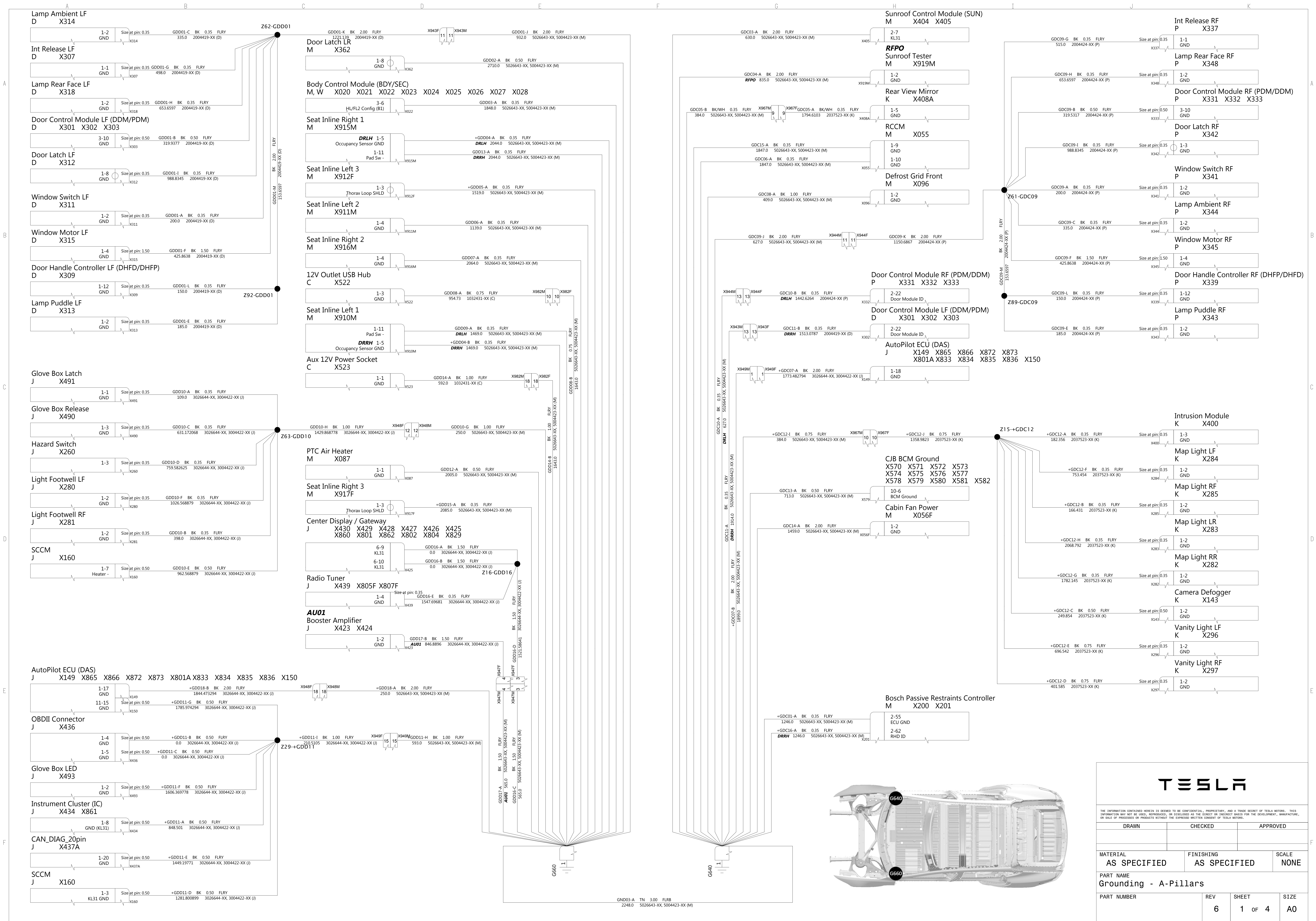
DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME Cabin BEC 3/3 - Splice, Passthrough		
PART NUMBER	REV 4	SHEET 3 OF 3
		SIZE AO



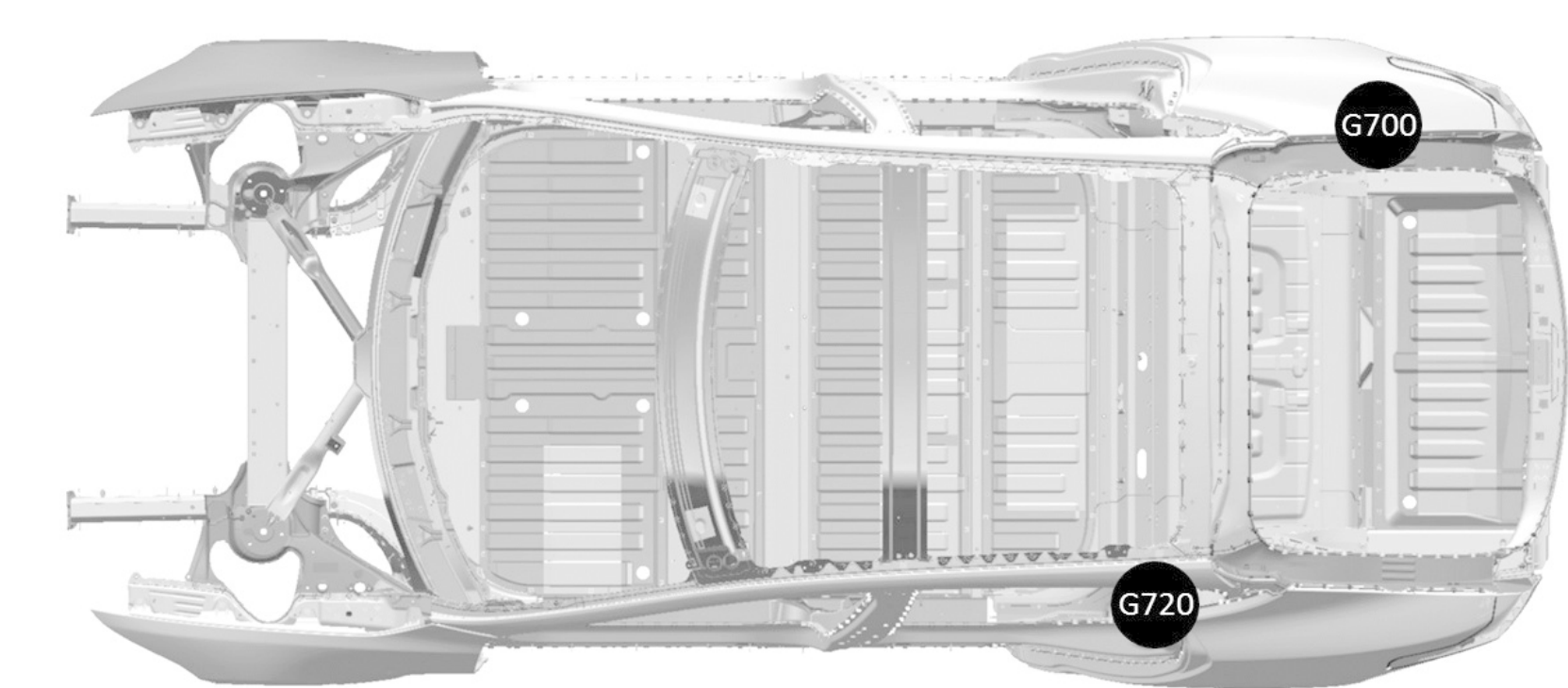
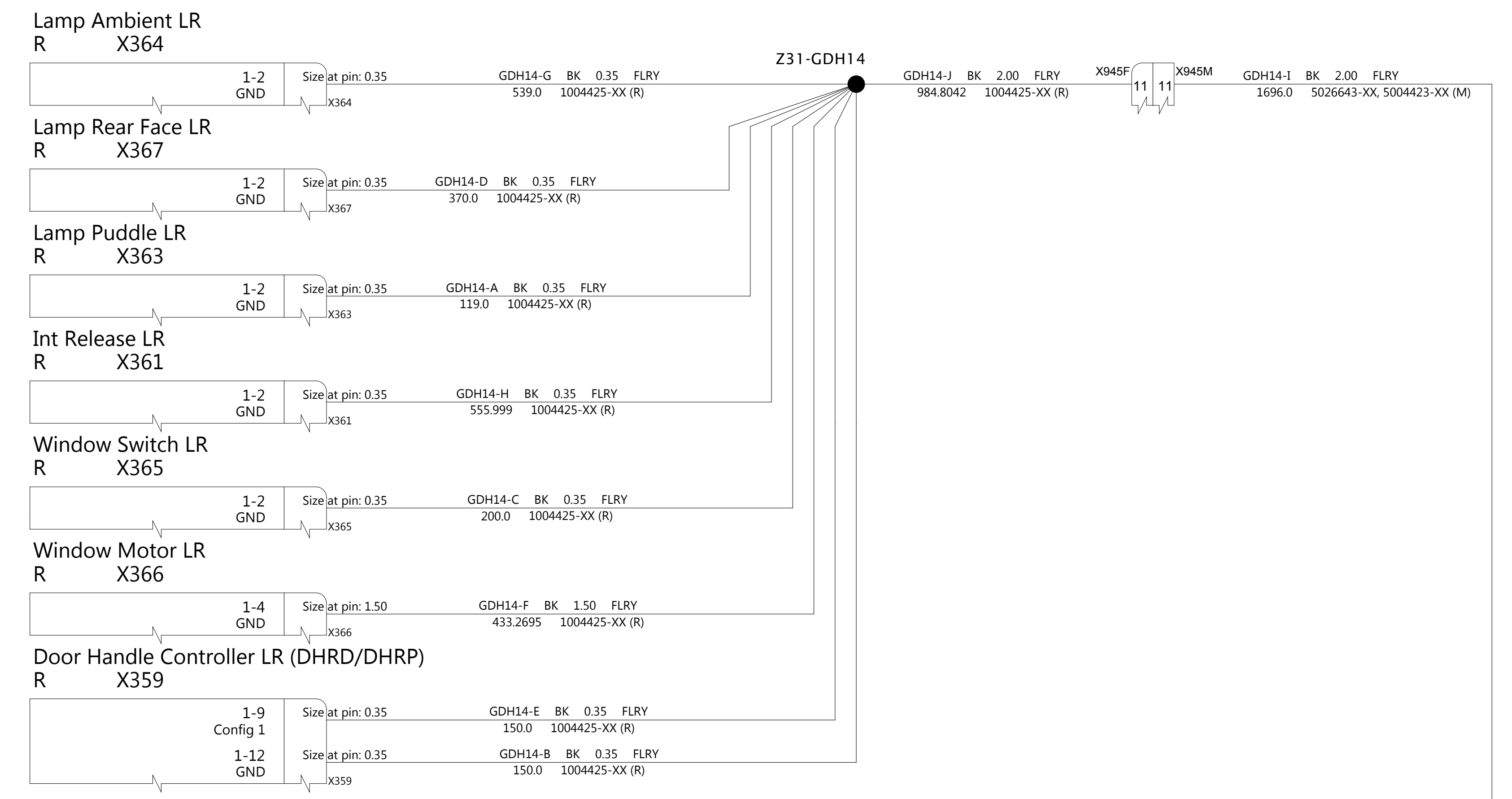
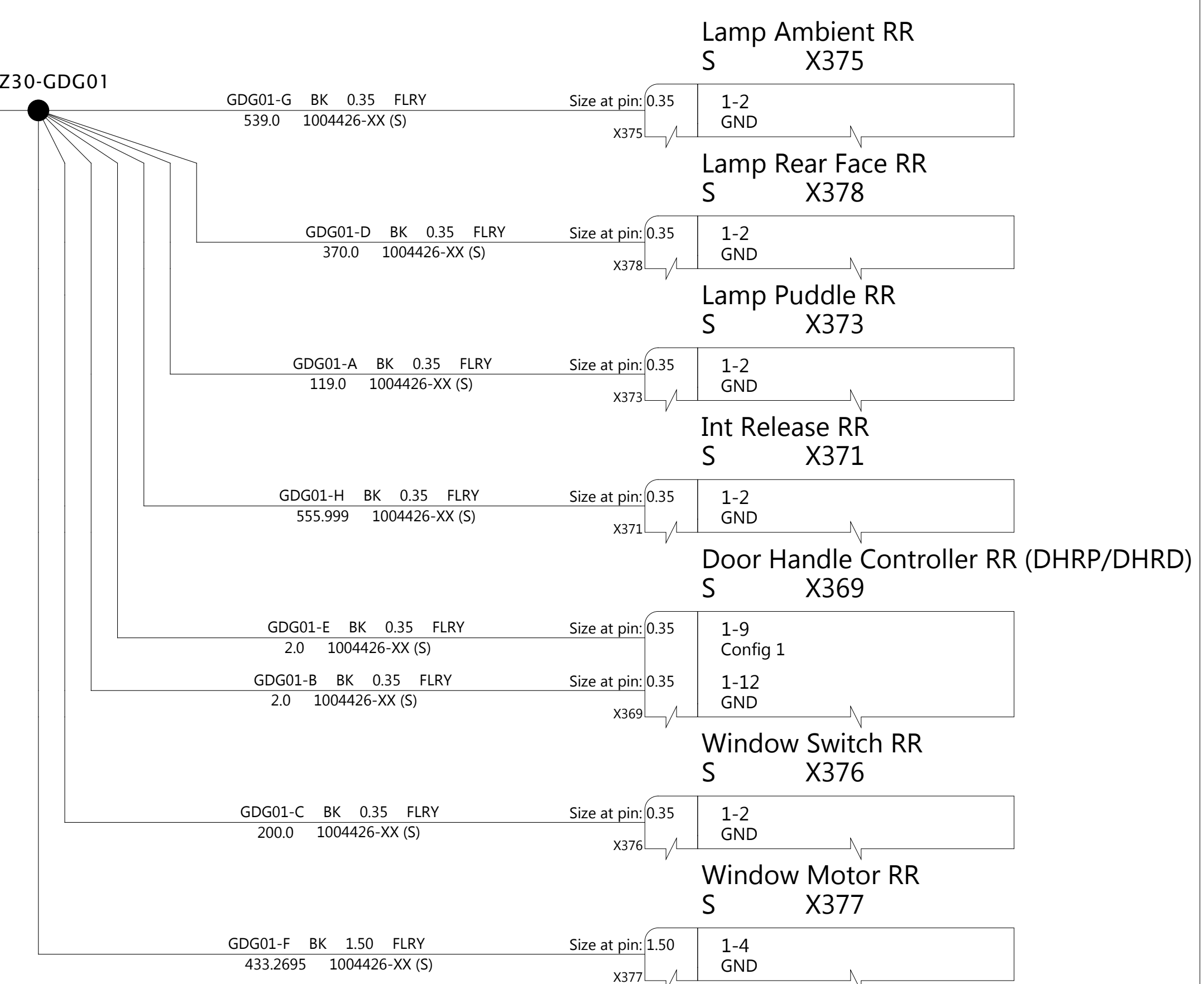
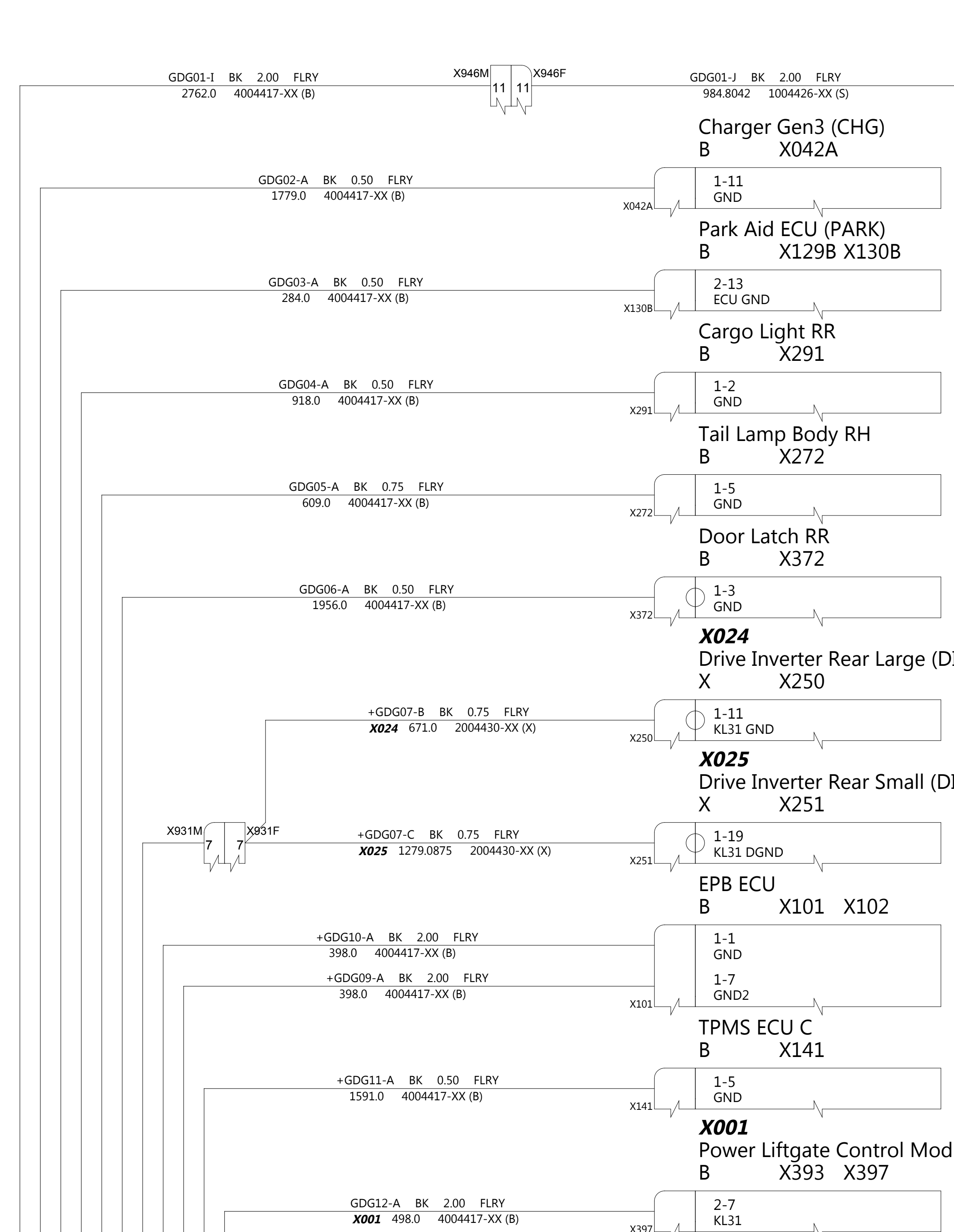
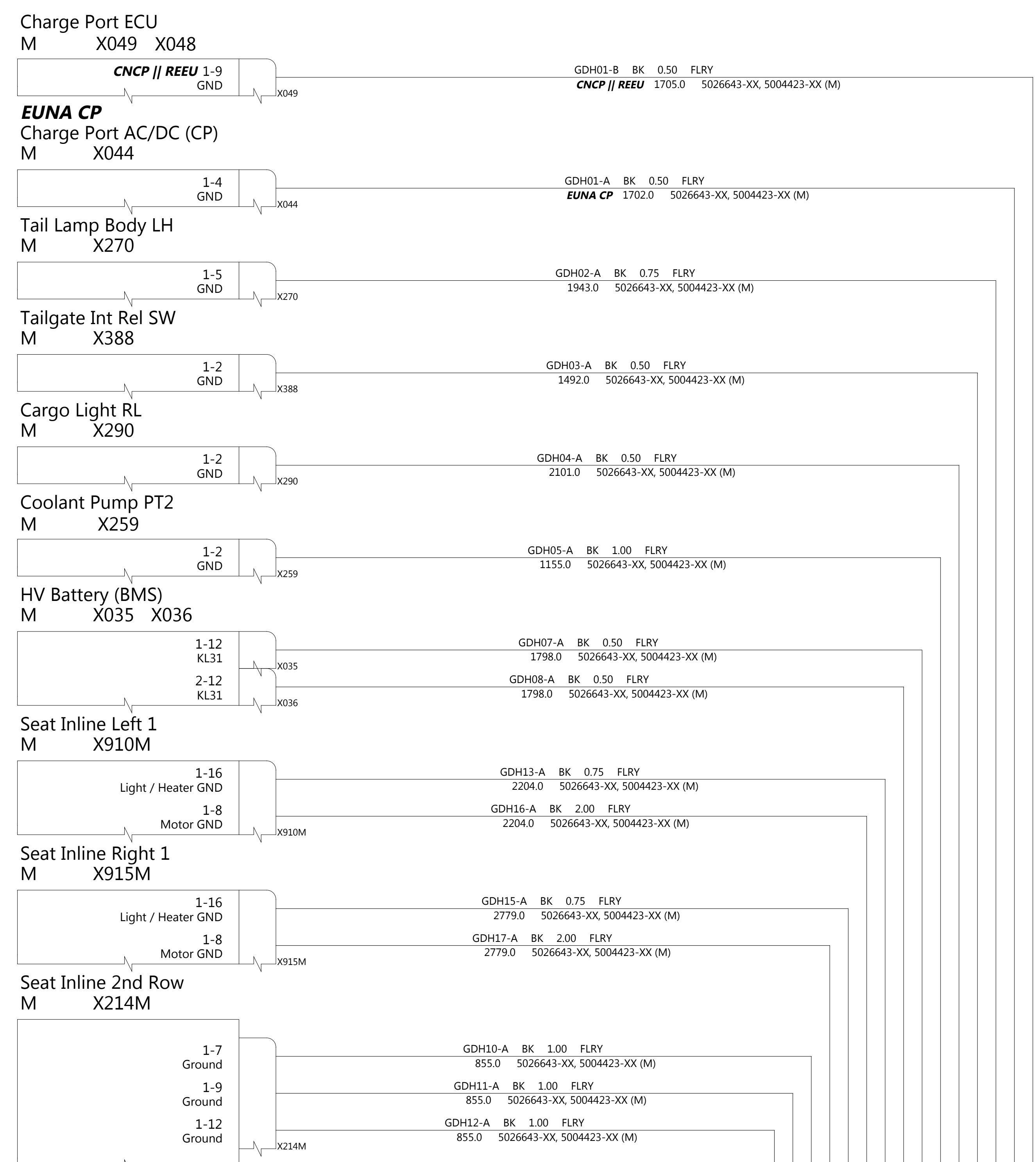
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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME Grounding - Front Left & Right		
PART NUMBER	REV 6	SHEET 3 OF 4
		SIZE AO



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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME Grounding - Front Center		
PART NUMBER	REV 6	SHEET 2 OF 4
		SIZE AO



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DRAWN	CHECKED	APPROVED	
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE	
PART NAME Grounding - A-Pillars			
PART NUMBER	REV	SHEET	SIZE
	6	1 of 4	AO



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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME Grounding - Rear		
PART NUMBER	REV 6	SHEET 4 OF 4
		SIZE AO