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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.

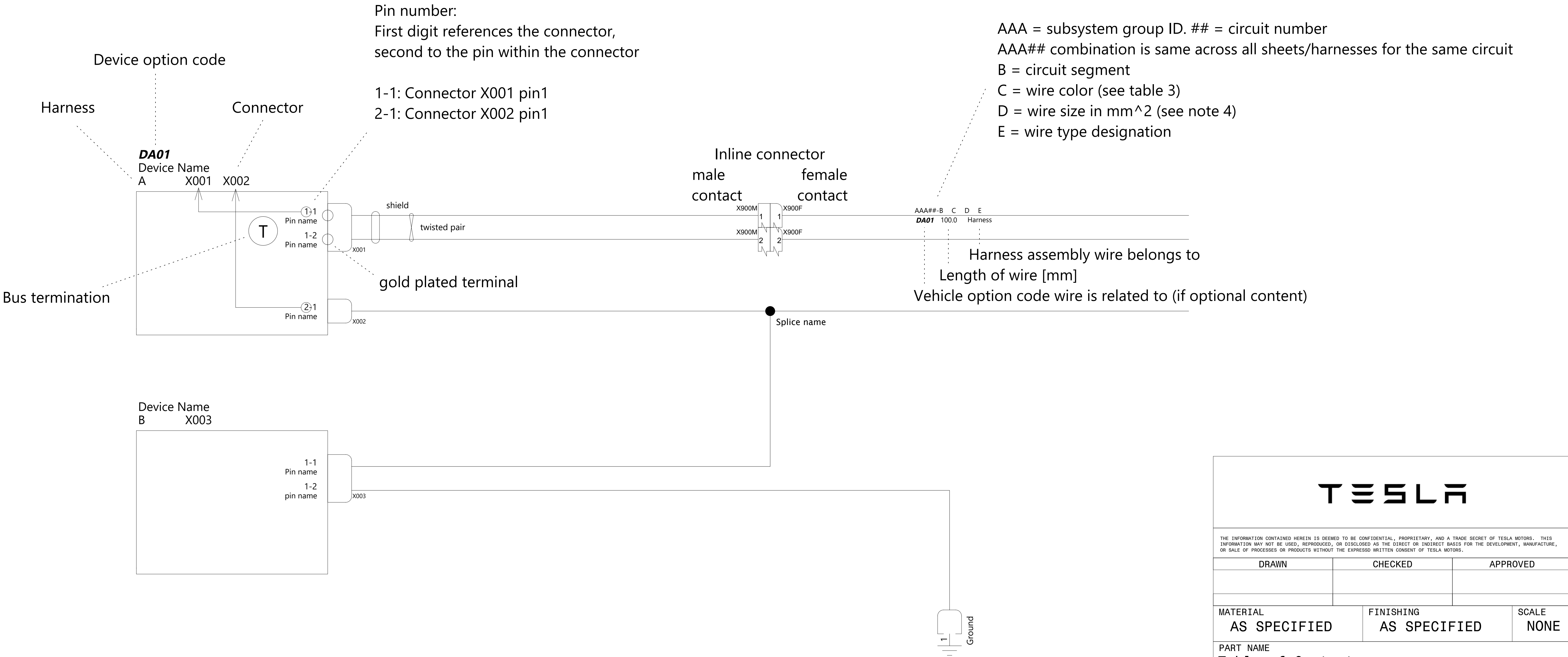
"BK/WH" indicates a black wire with a white stripe.

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.
- 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^2 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 conenctor 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		FINISHING	
AS SPECIFIED		AS SPECIFIED	
		SCALE	
		NONE	
PART NAME			
Table of Contents			
PART NUMBER		REV	SHEET
		3	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	-	-	not used
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	25A	J-Case-S	Seat Functions, Right Front
F241	25A	J-Case-S	Seat Functions, Left Front

Note:

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

Relays in cabin fusebox are not servicable

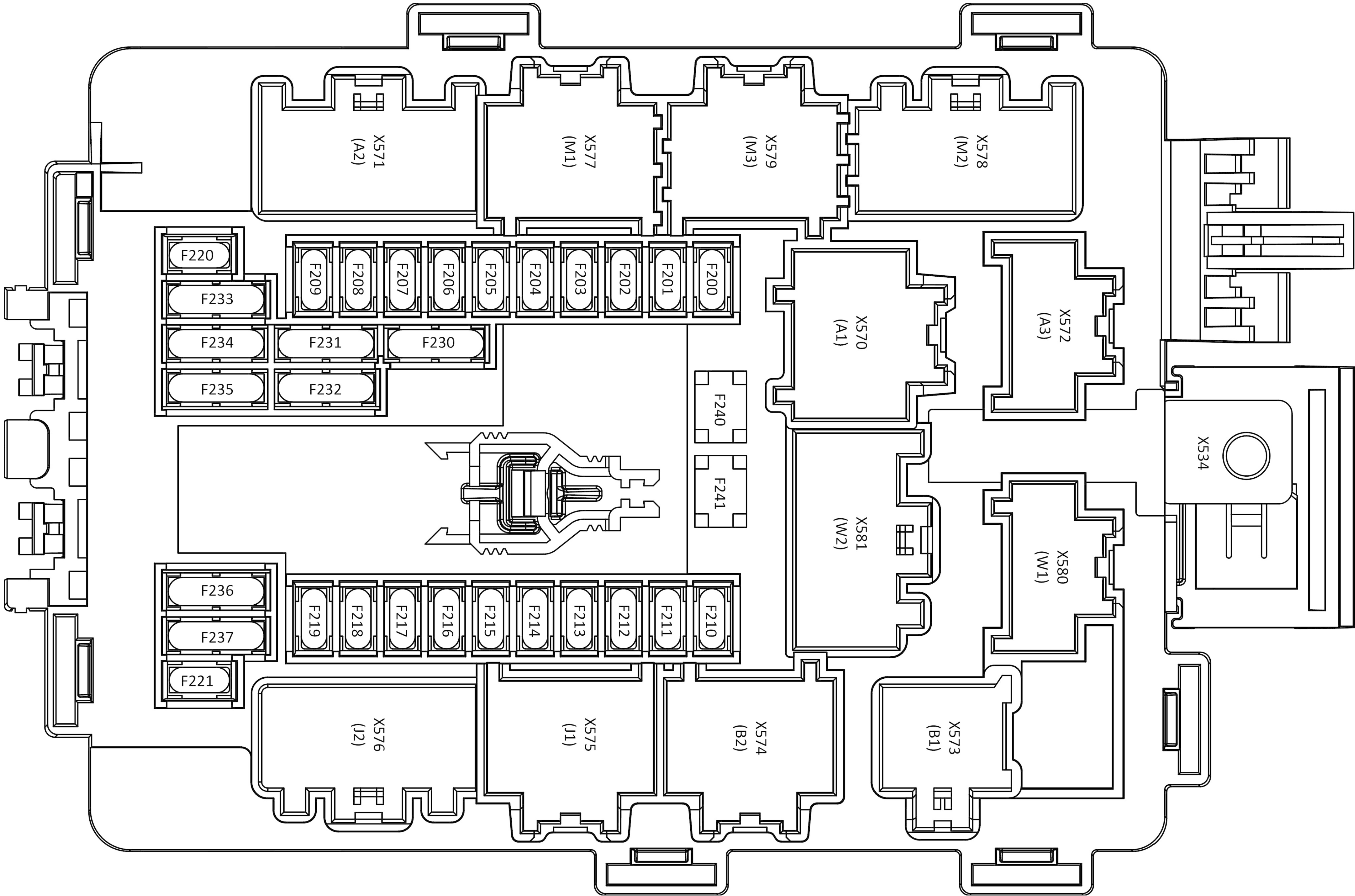
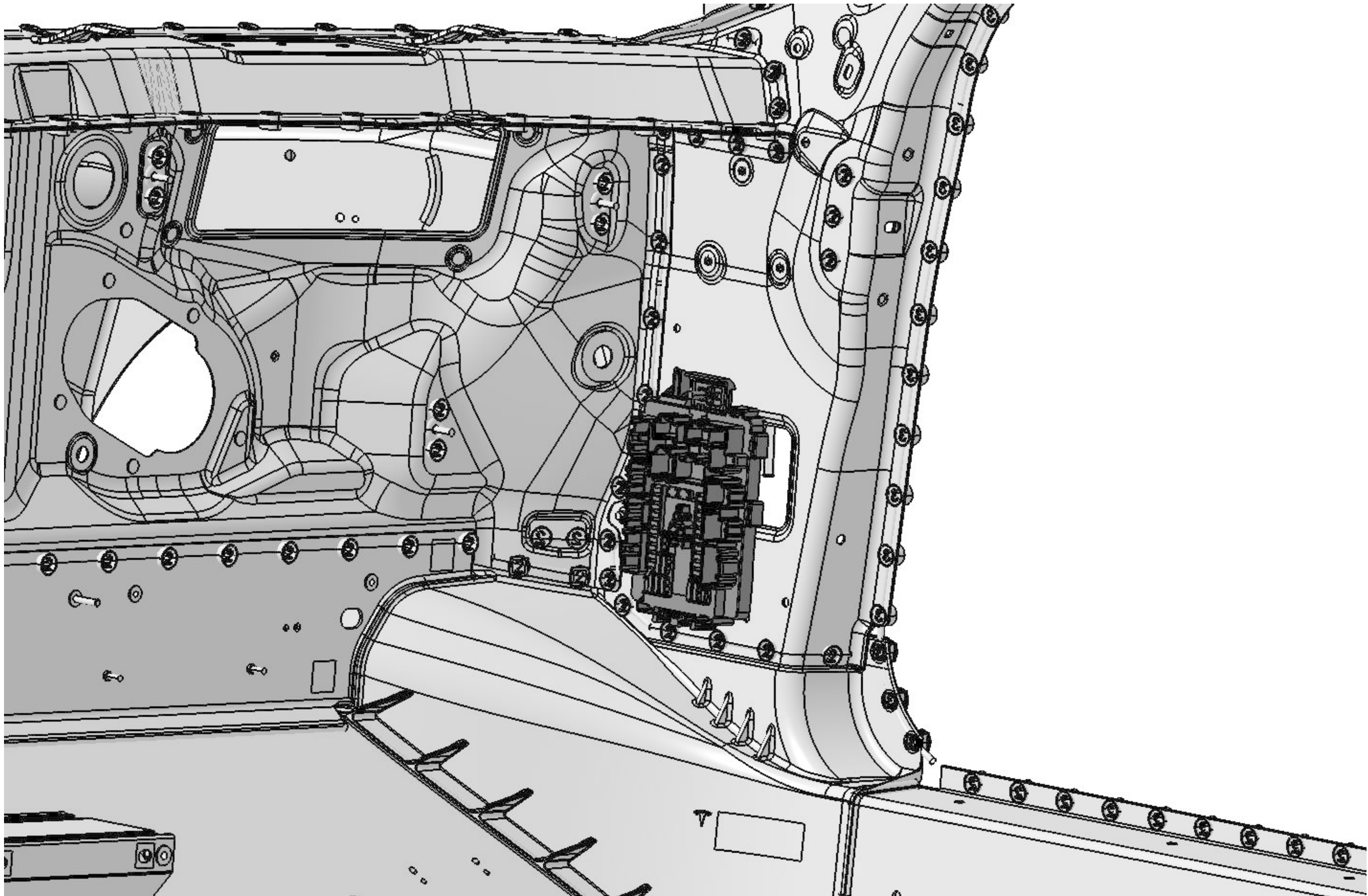


Table 6: Cabin fusebox prefix, connector coherence

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 A0



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**

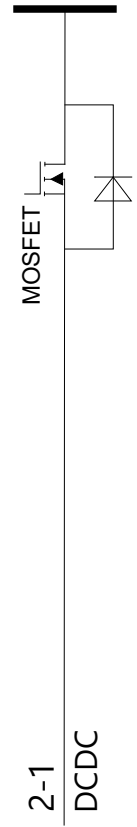
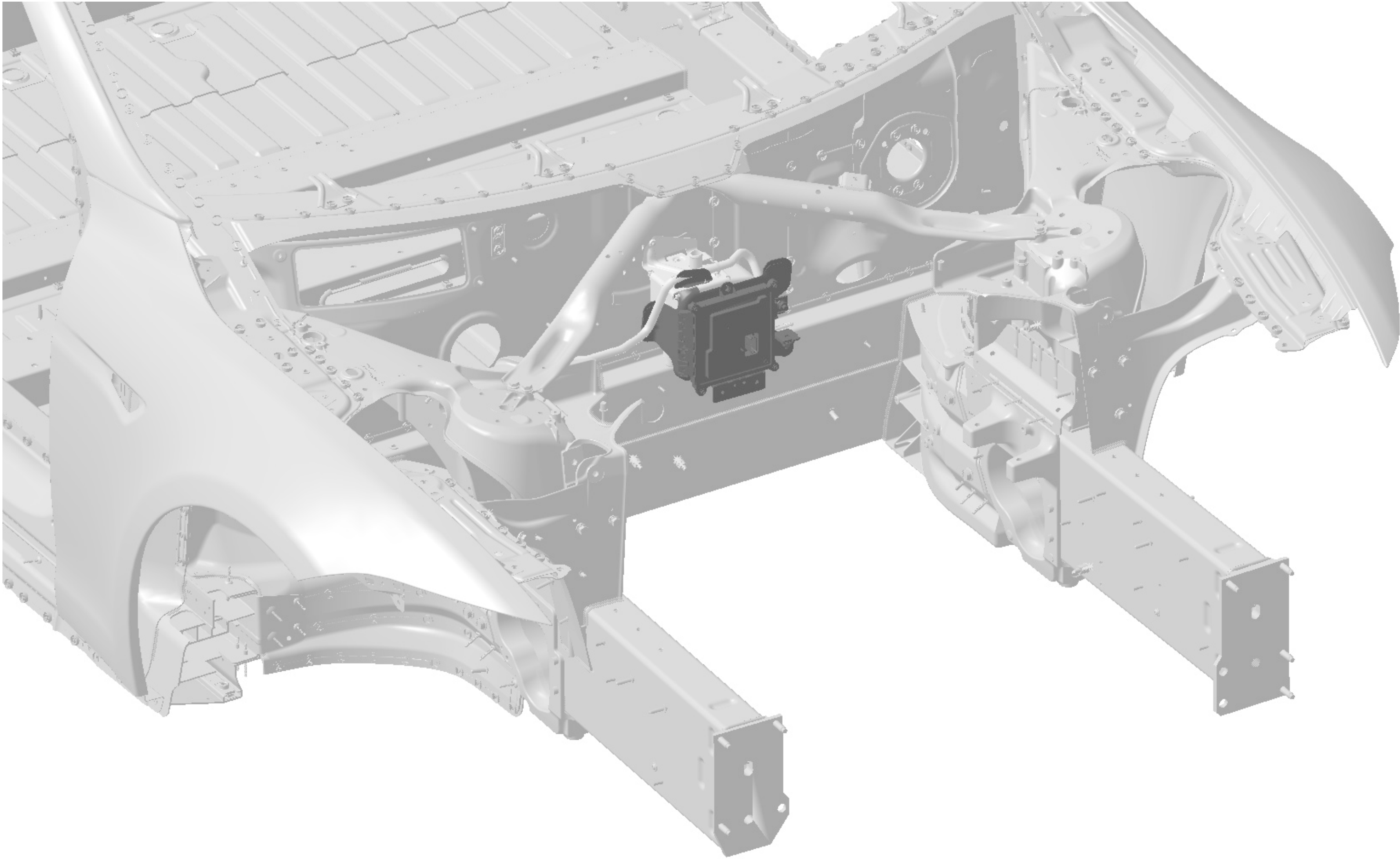
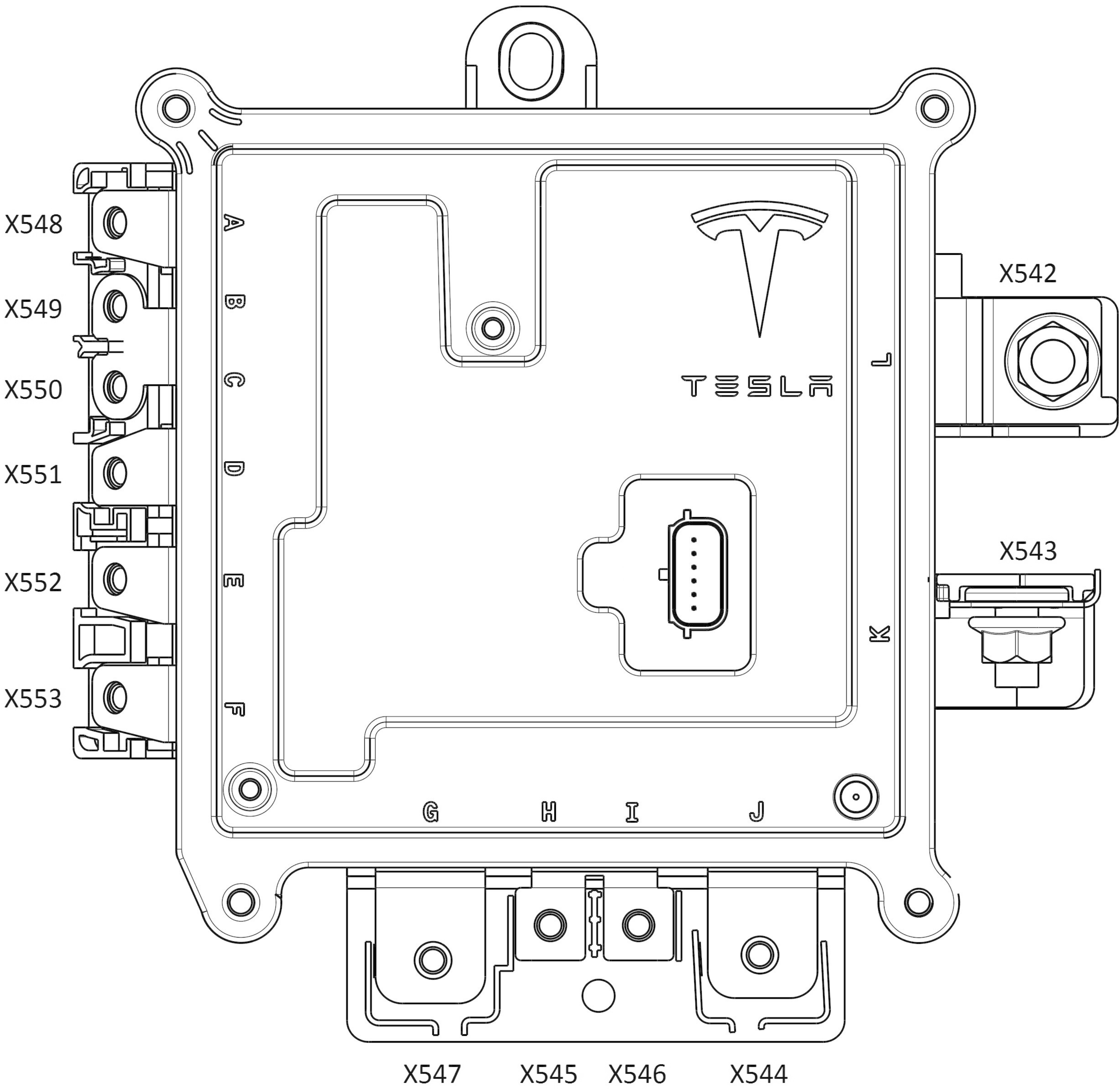


Table 7: E-Fuse  
prefix, connector coherence

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

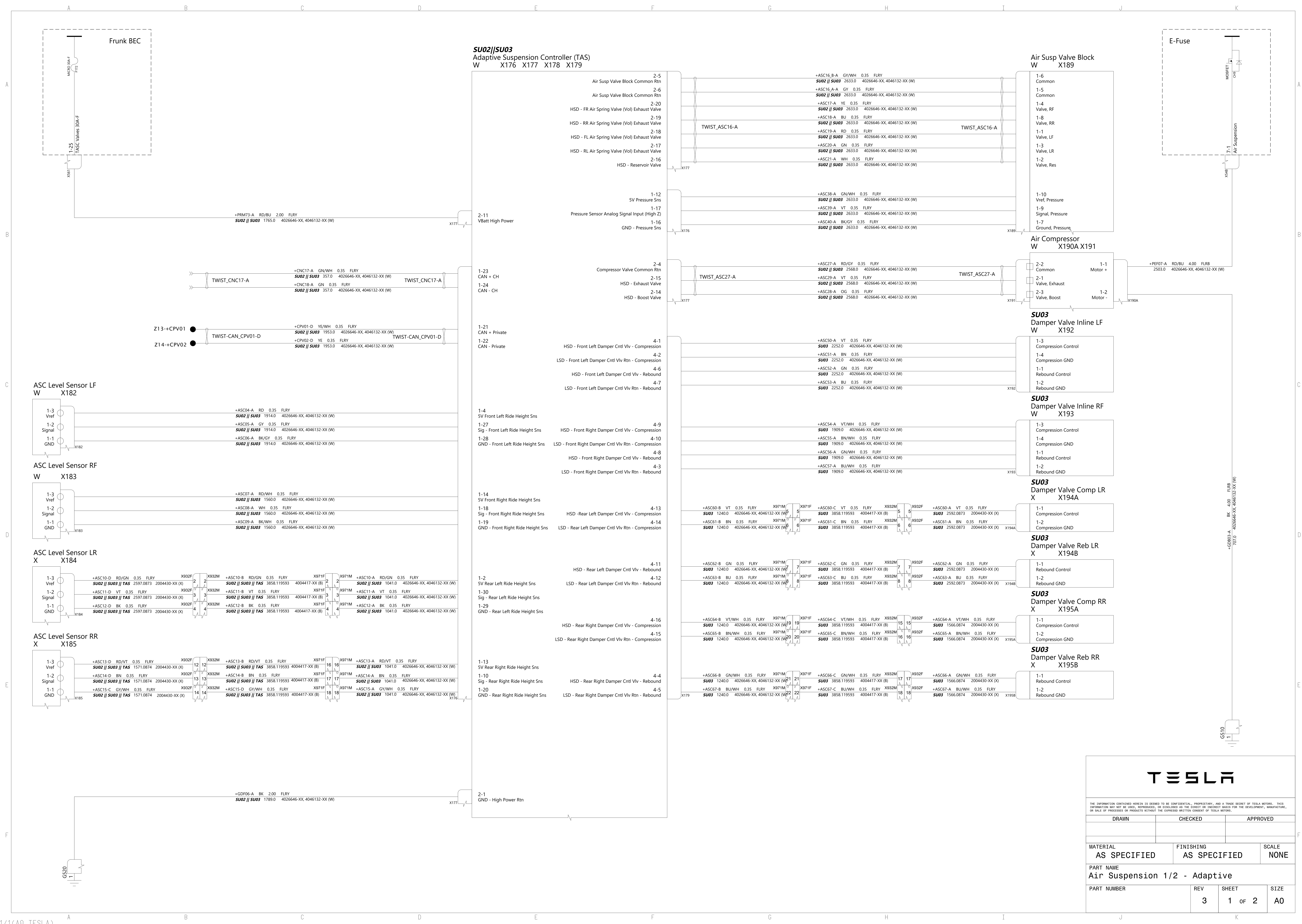
2-1: Connector X543 Pin 1

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

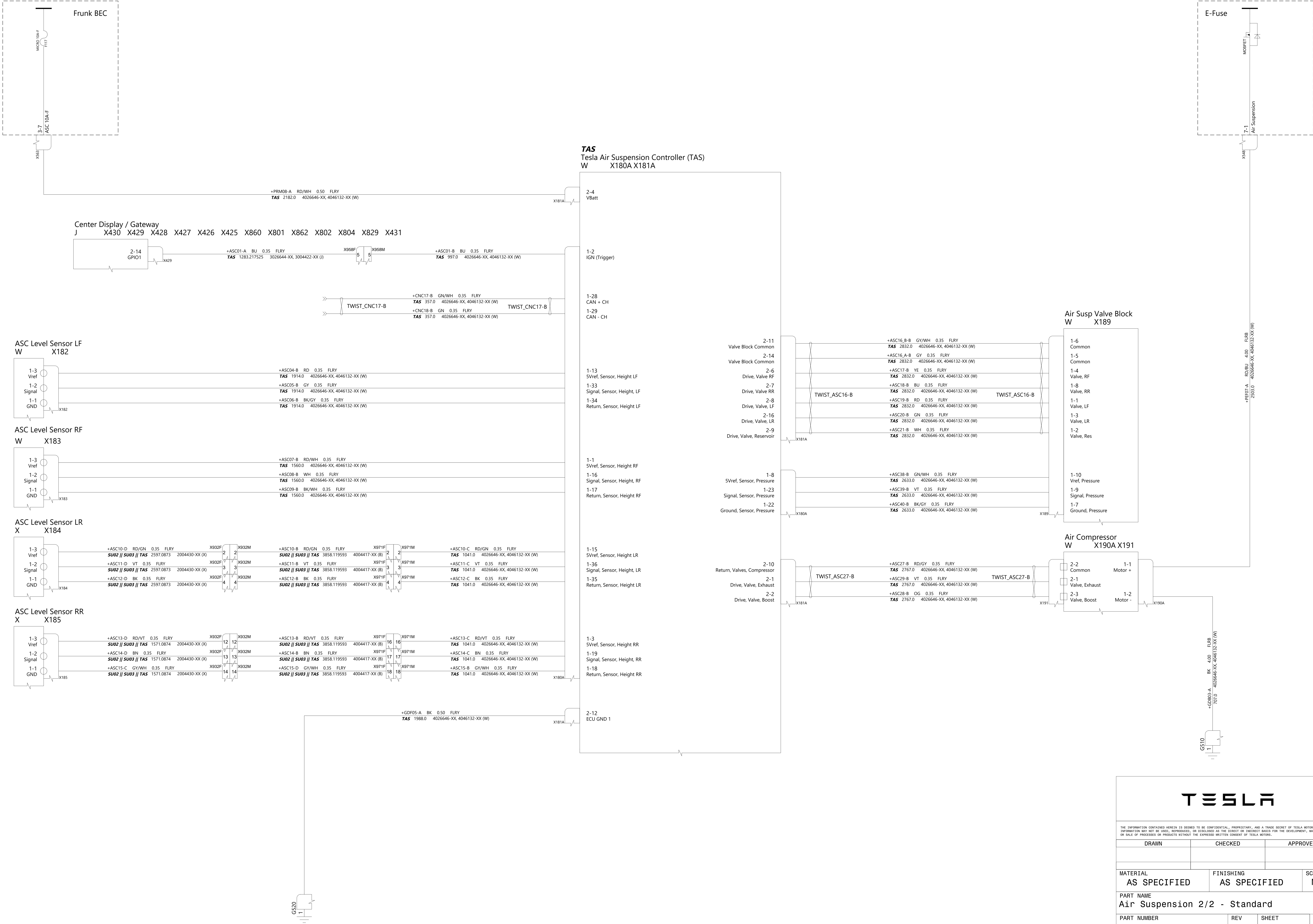












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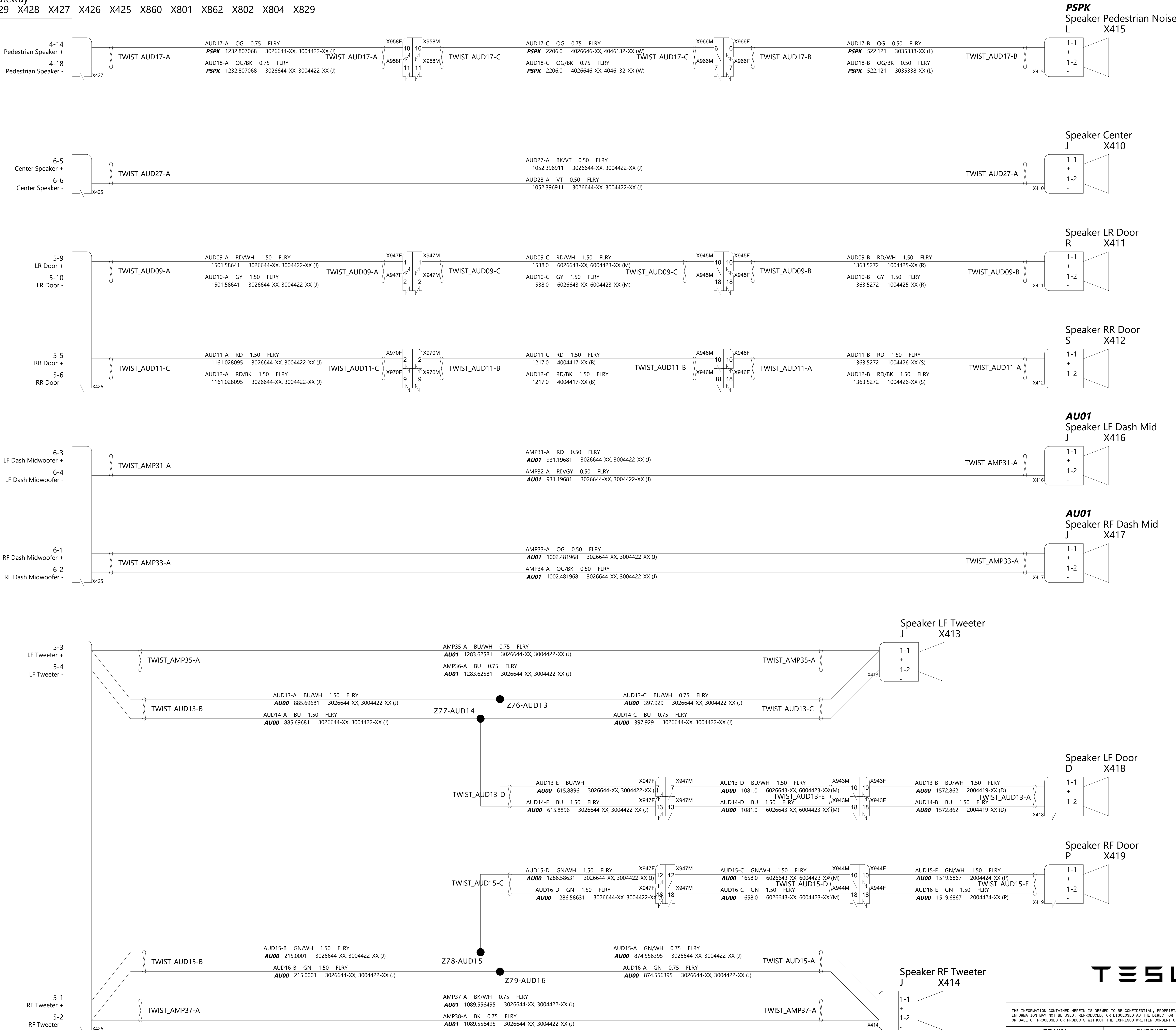
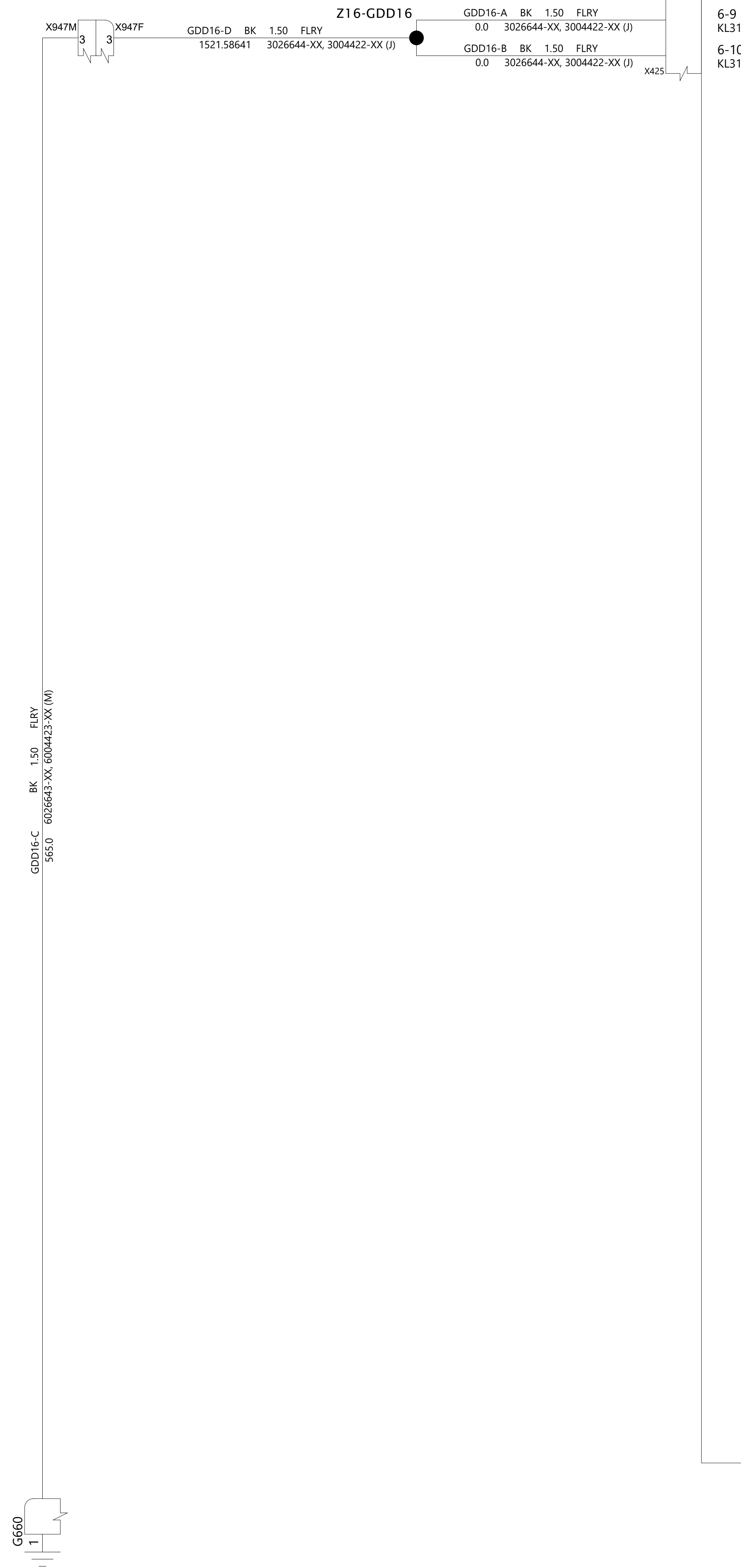
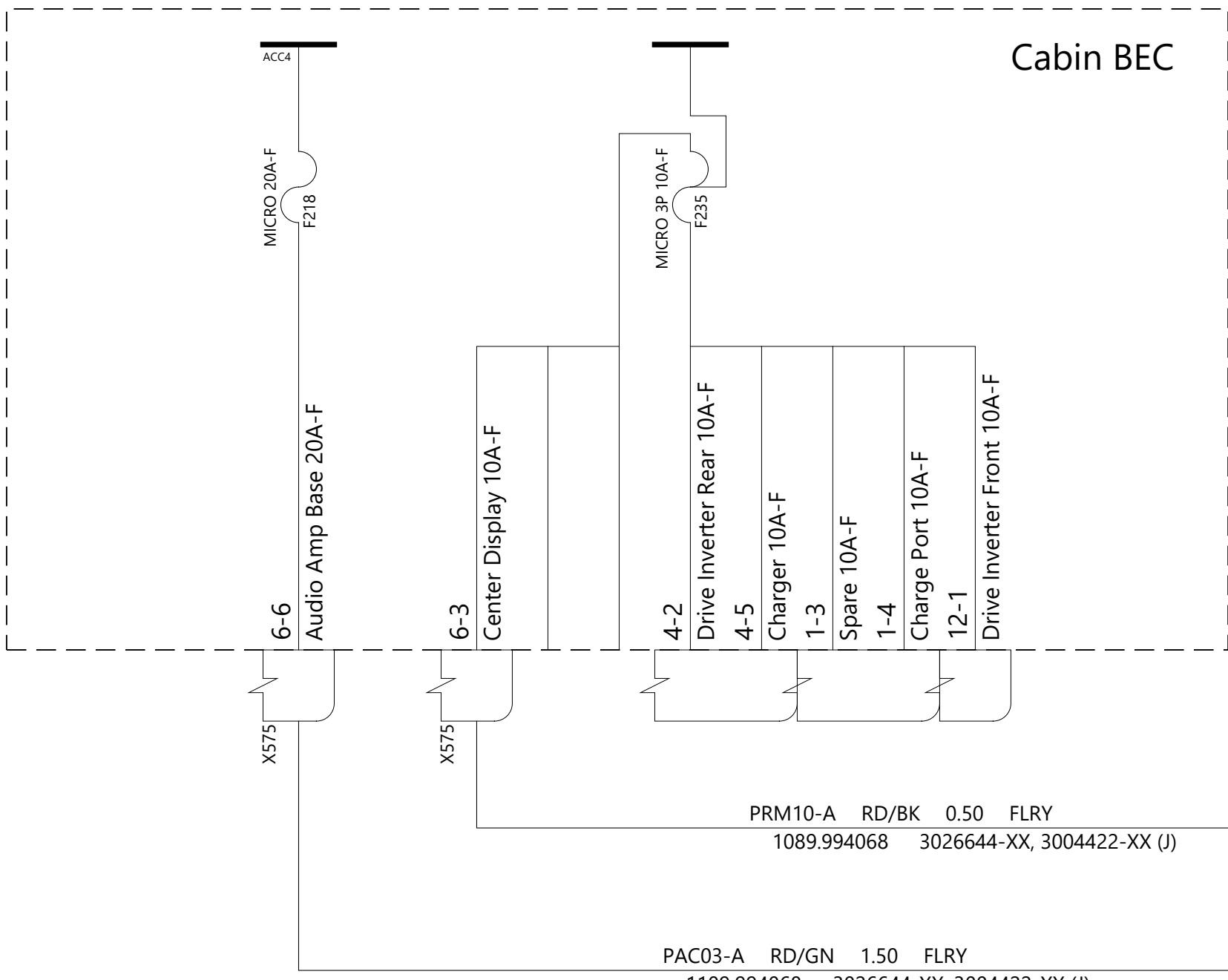
DRAWN	CHECKED	APPROVED

MATERIAL	FINISHING	SCALE
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PART NAME  
Air Suspension 2/2 - Standard

PART NUMBER	REV	SHEET	SIZE
	3	2 of 2	A0

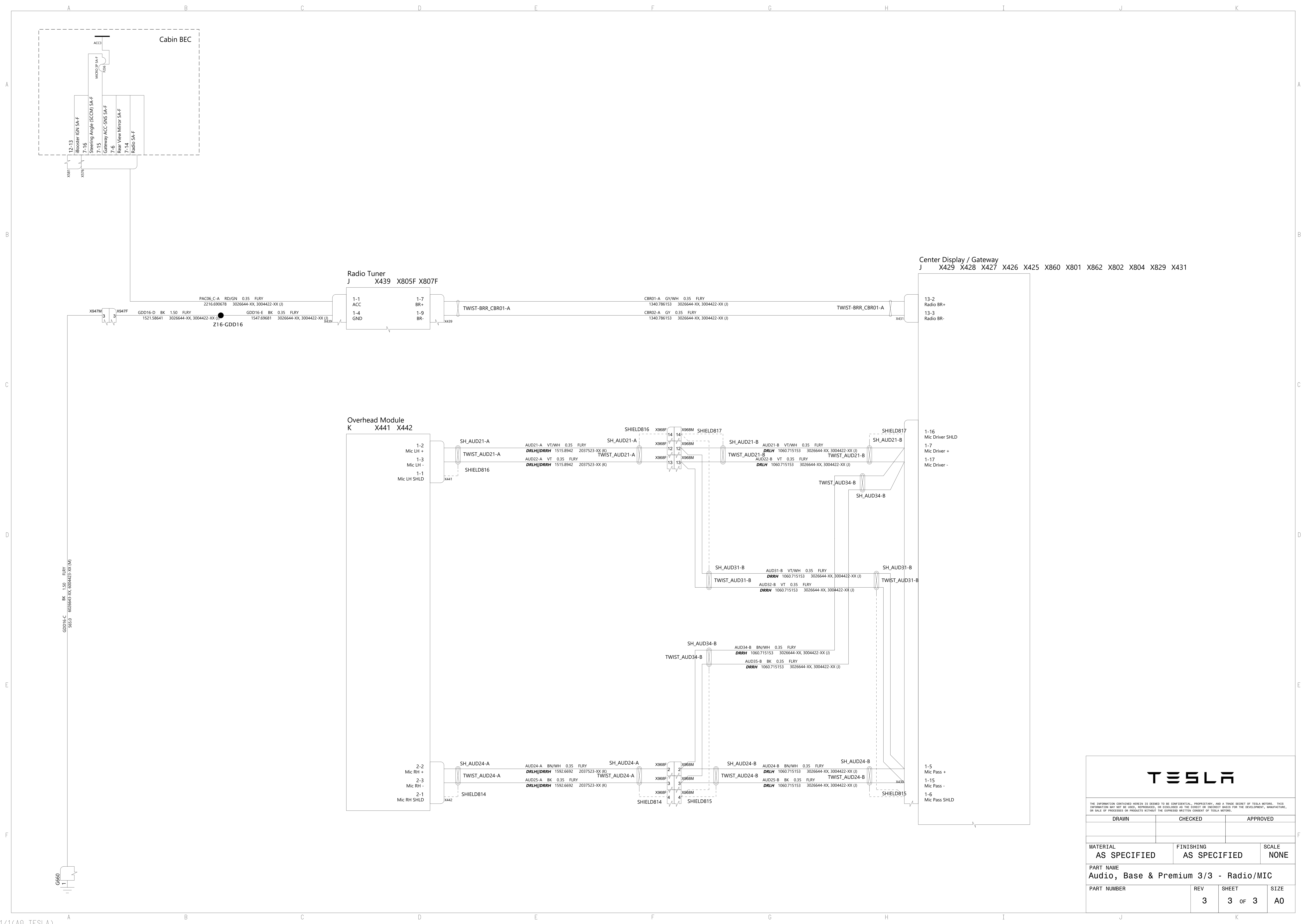




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DRAWN		CHECKED	
		APPROVED	
MATERIAL		FINISHING	
AS SPECIFIED		AS SPECIFIED	
		SCALE	
		NONE	
PART NAME			
Audio, Base & Premium 1/3 - MCU			
PART NUMBER		REV	SHEET
		3	1 OF 3
		SIZE	
		A0	







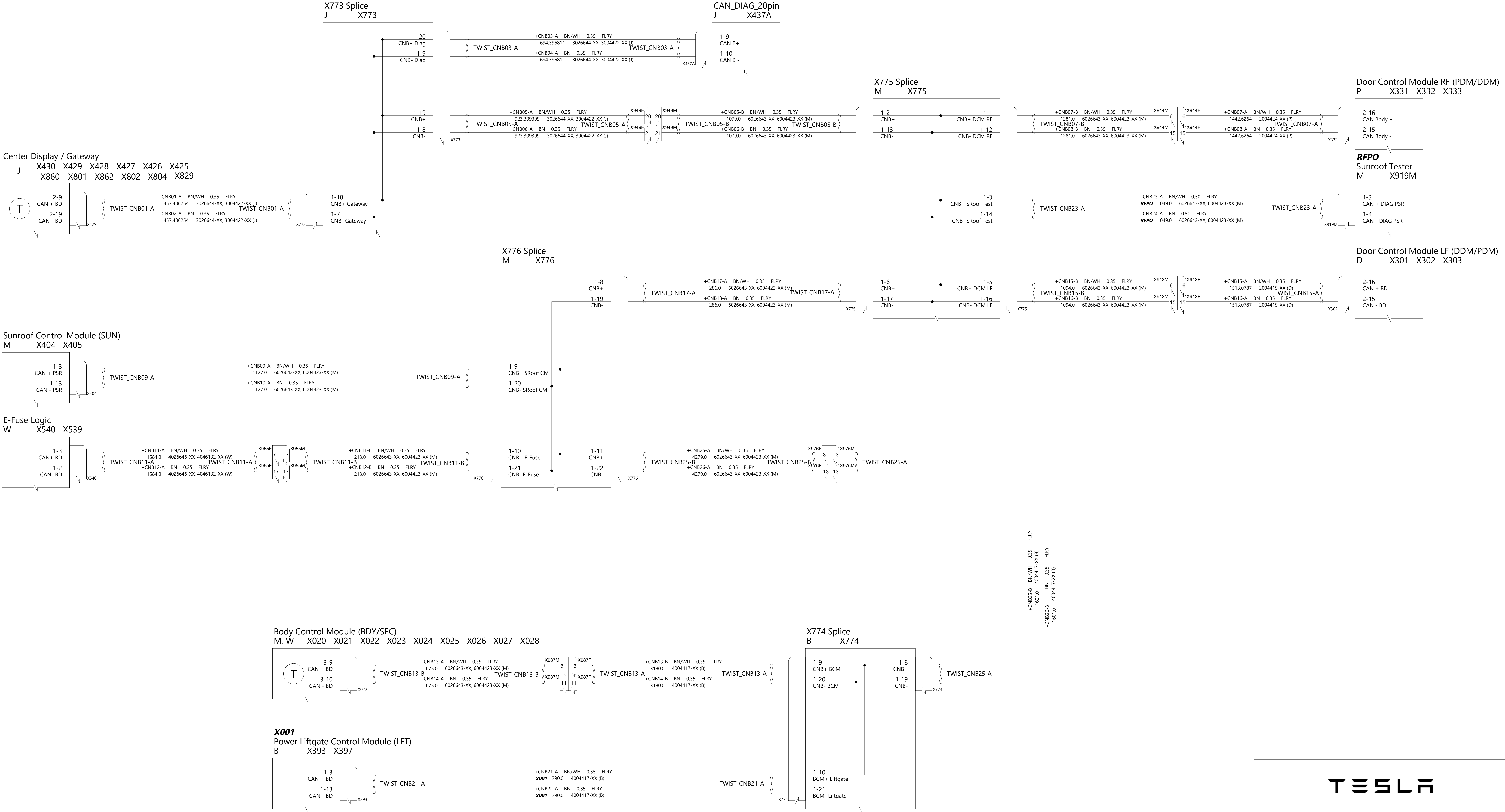
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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME Audio, Base & Premium 3/3 - Radio/MIC		
PART NUMBER	REV 3	SHEET 3 OF 3
		SIZE A0







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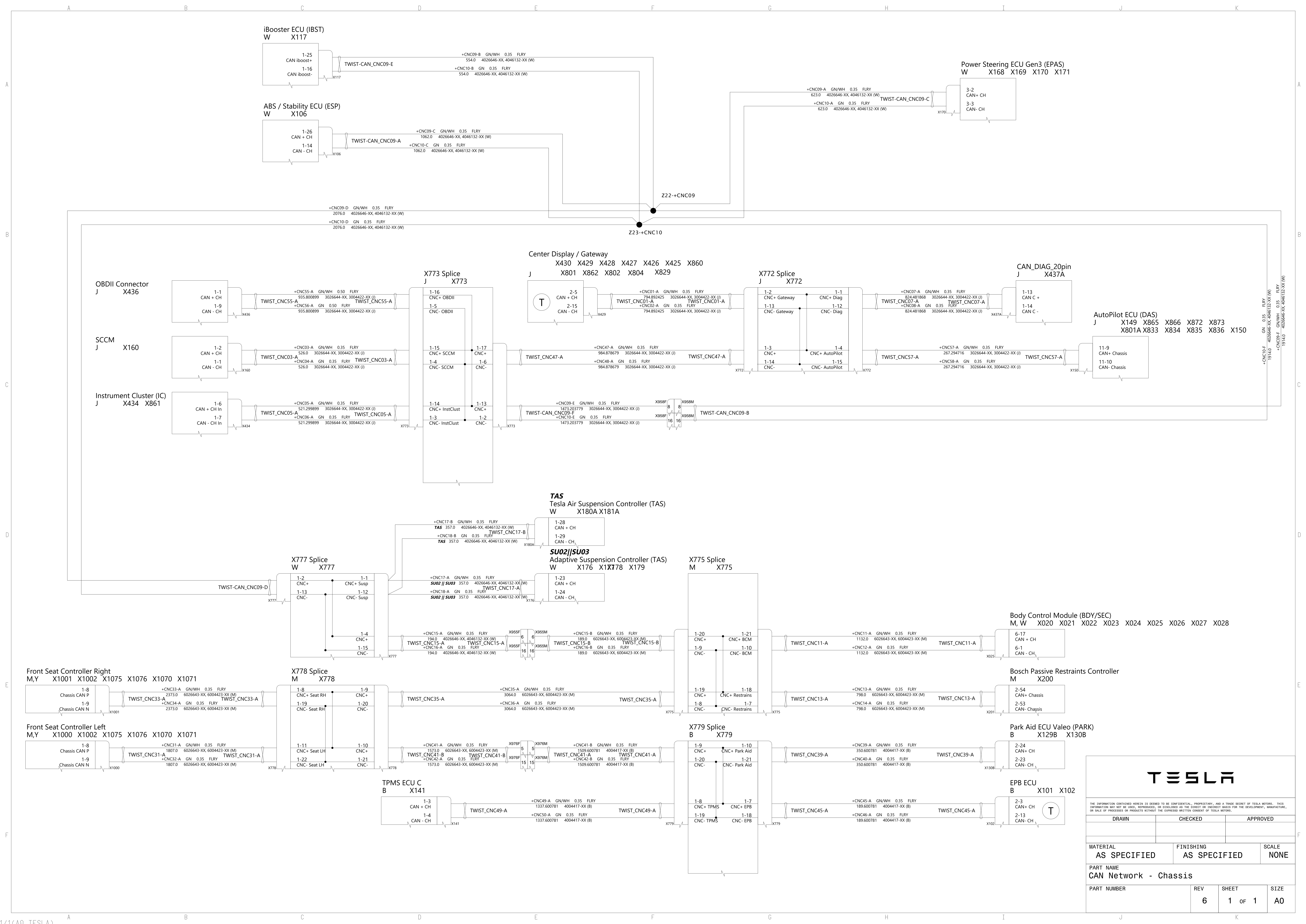
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MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
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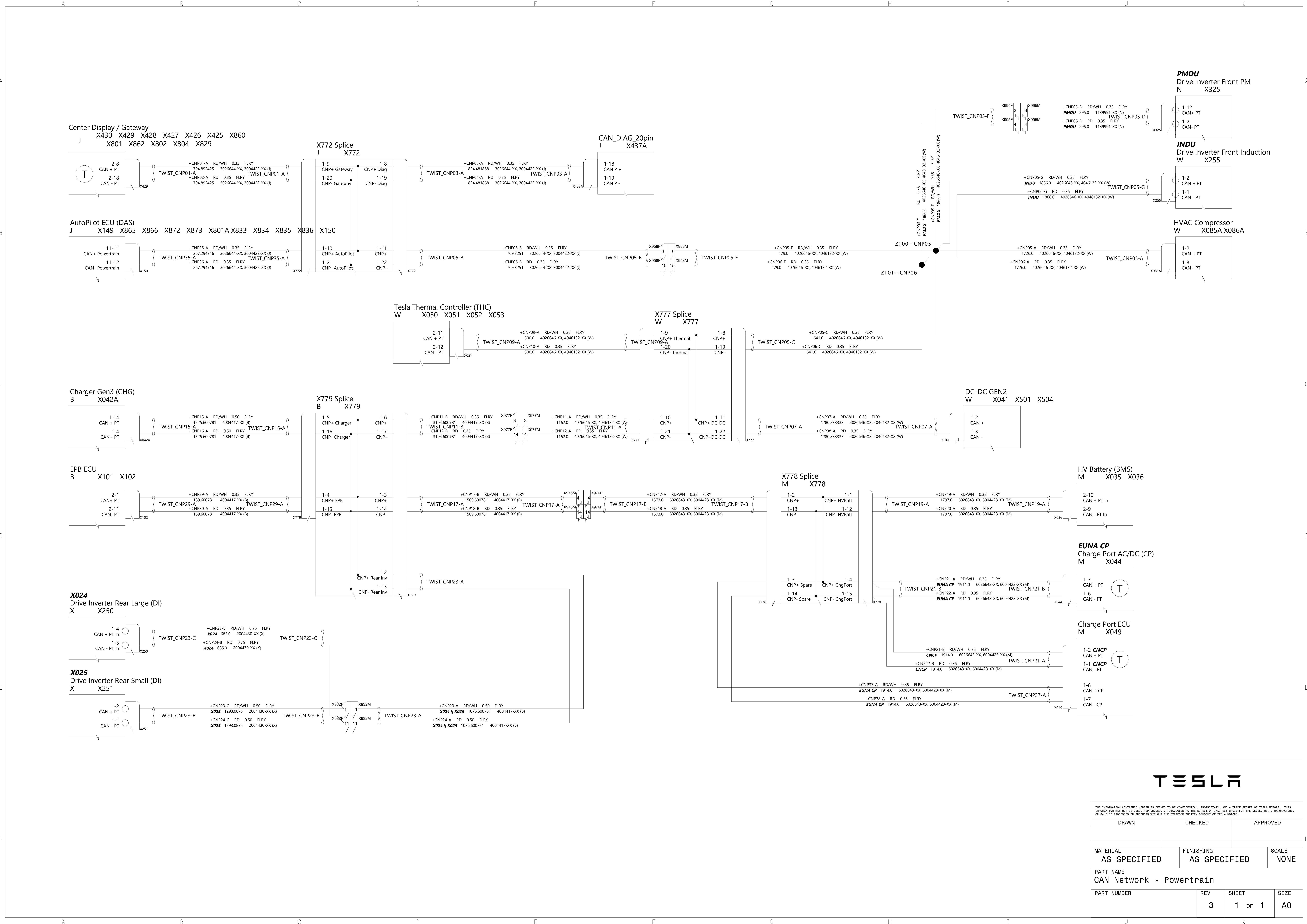
PART NAME CAN Network - Body
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PART NUMBER	REV	SHEET	SIZE
	2	1 of 1	A0





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DRAWN		CHECKED	
		APPROVED	
MATERIAL		FINISHING	
AS SPECIFIED		AS SPECIFIED	
		SCALE	
		NONE	
PART NAME			
CAN Network - Chassis			
PART NUMBER		REV	SHEET
		6	1 OF 1
		SIZE	
		A0	



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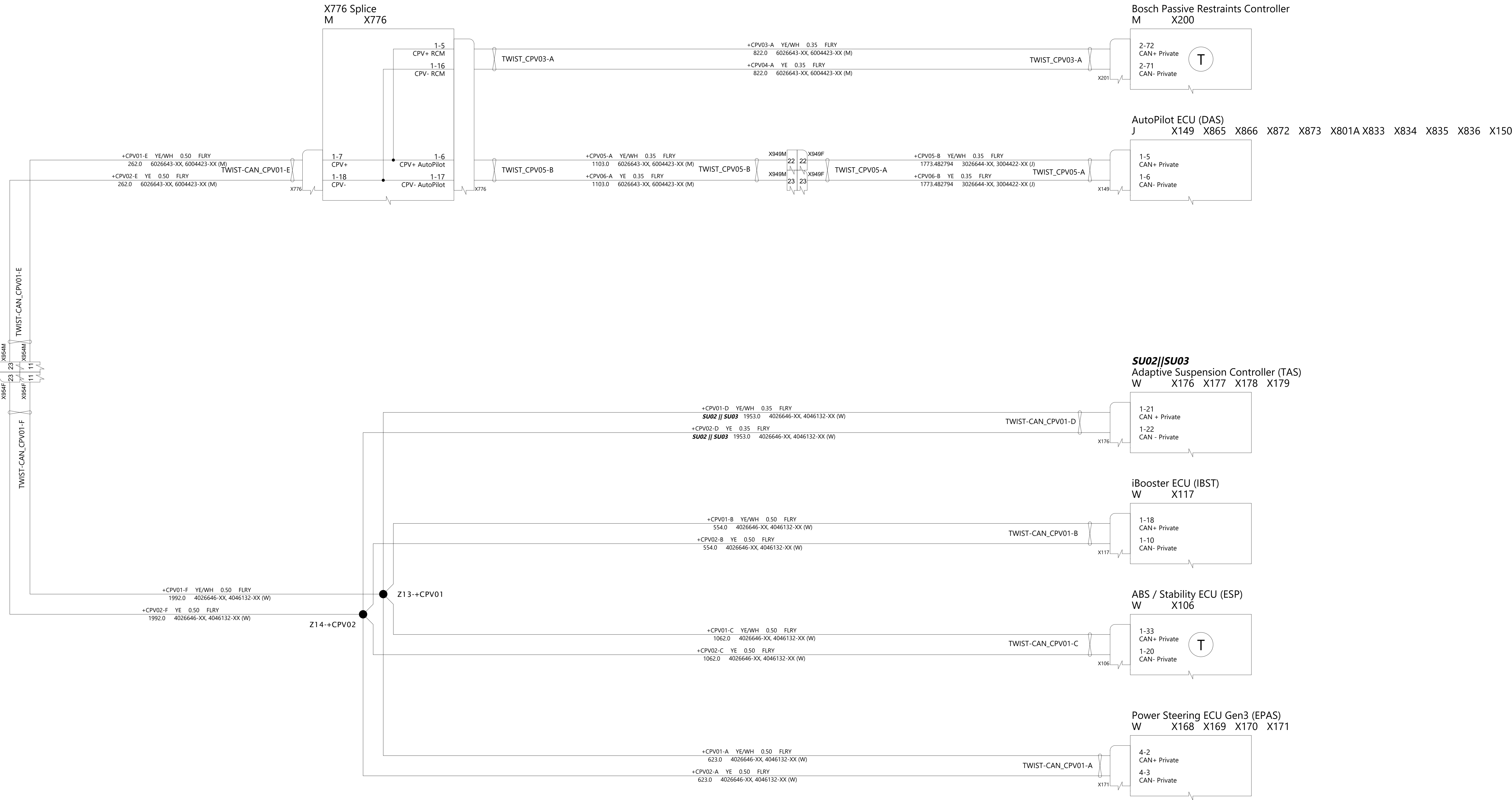
DRAWN	CHECKED	APPROVED

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

PART NUMBER	REV	SHEET	SIZE
	3	1 OF 1	A0

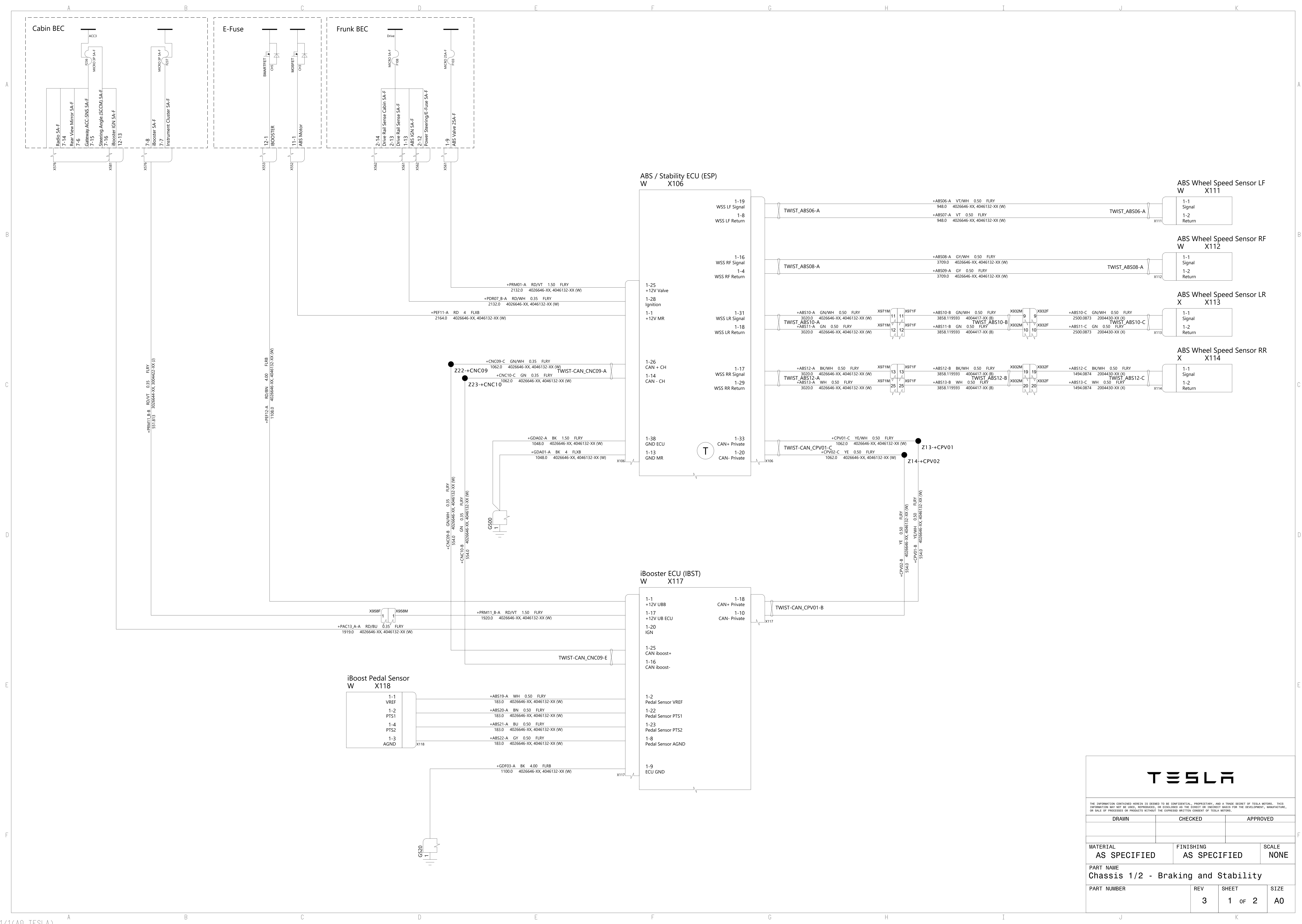




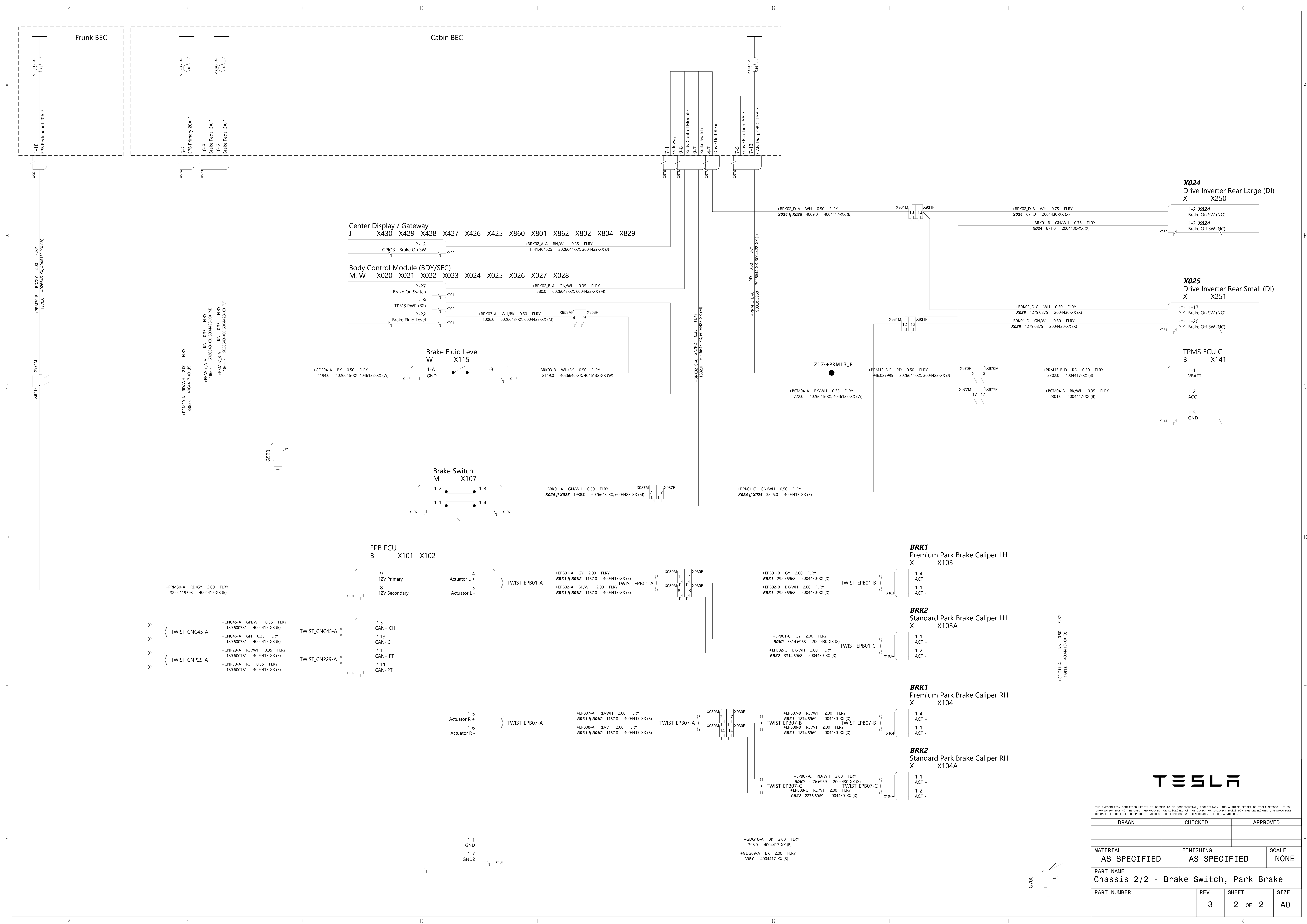
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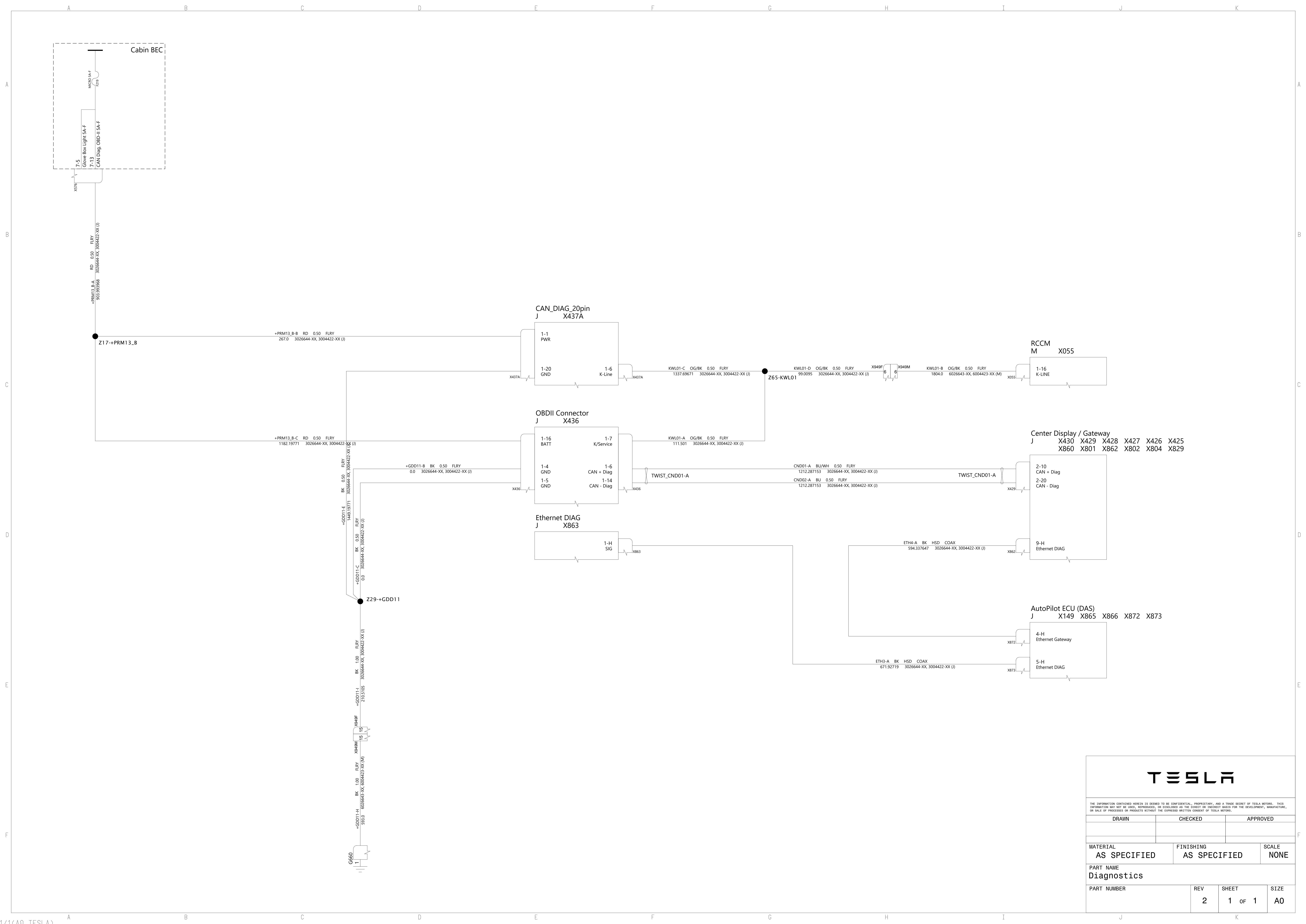
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DRAWN		CHECKED		APPROVED	
MATERIAL AS SPECIFIED		FINISHING AS SPECIFIED			SCALE NONE
PART NAME CAN Network - Private					
PART NUMBER			REV 4	SHEET 1 OF 1	SIZE A0









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DRAWN	CHECKED	APPROVED

MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
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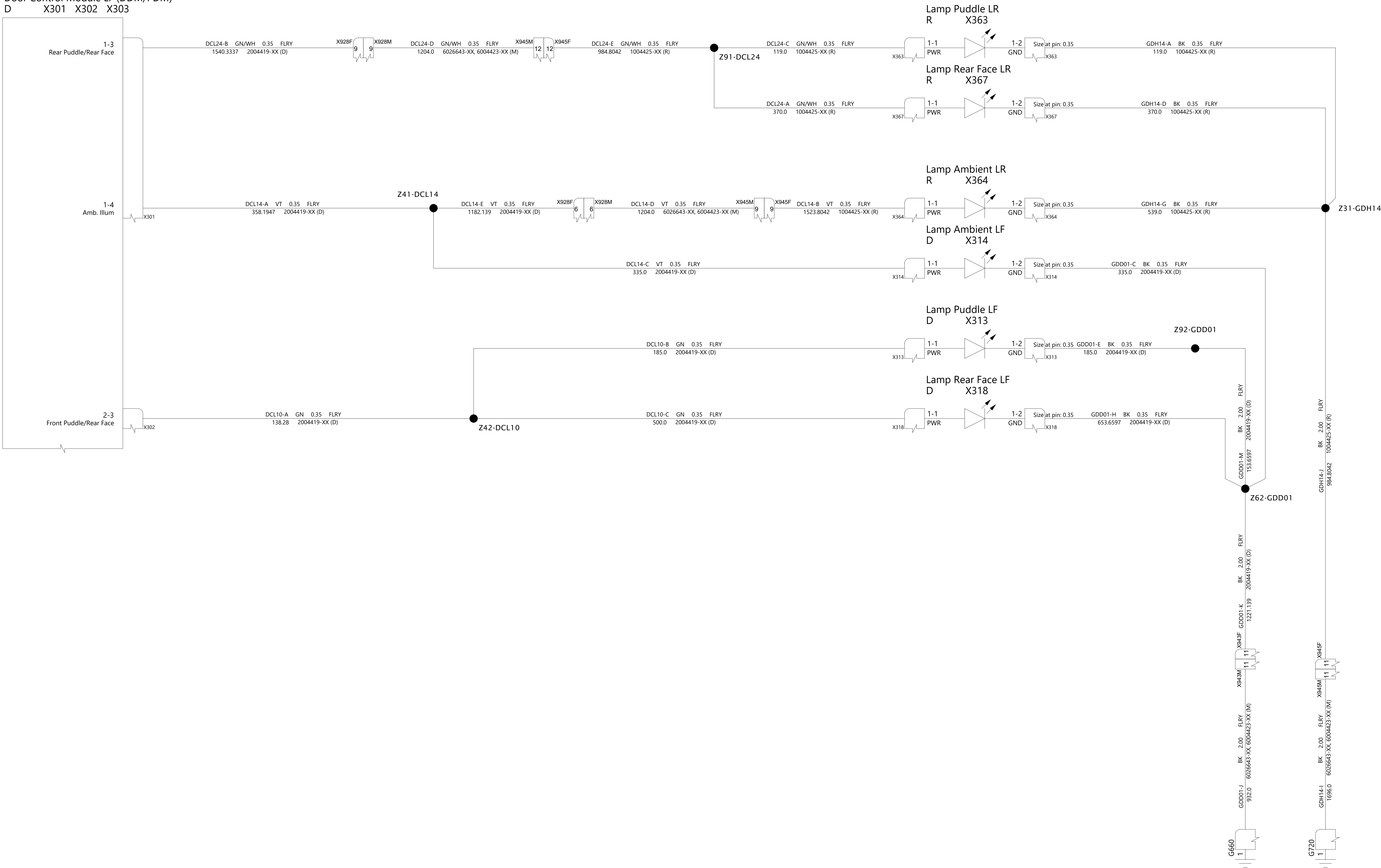
PART NAME Diagnostics
--------------------------

PART NUMBER	REV	SHEET	SIZE
	2	1 OF 1	A0





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
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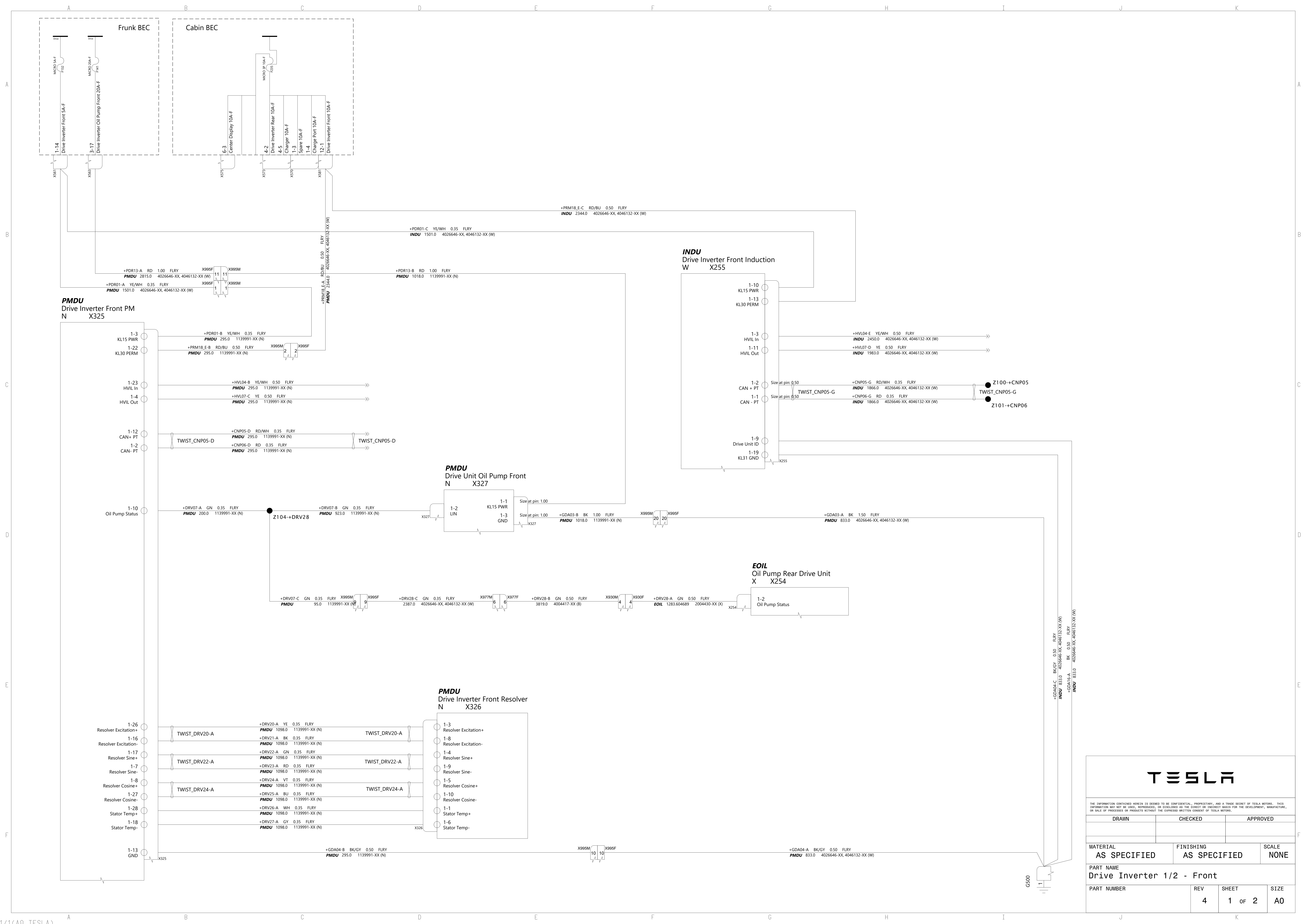
PART NAME Doors Left 2/2: Light
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PART NUMBER	REV 1	SHEET 2 OF 2	SIZE A0
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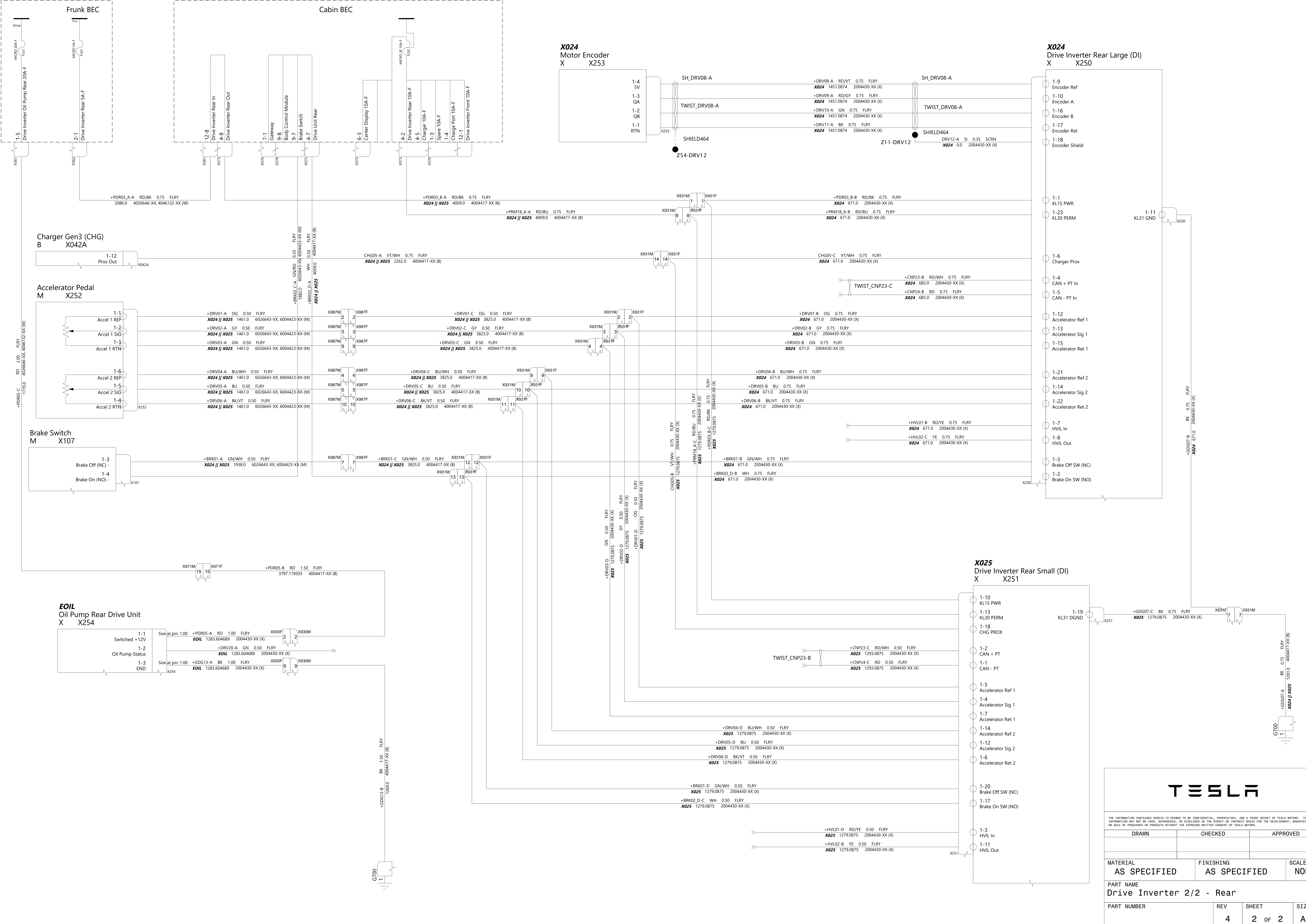
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DRAWN	CHECKED	APPROVED

MATERIAL	FINISHING	SCALE
AS SPECIFIED	AS SPECIFIED	NONE

PART NAME
Drive Inverter 1/2 - Front

PART NUMBER	REV	SHEET	SIZE
	4	1 OF 2	A0



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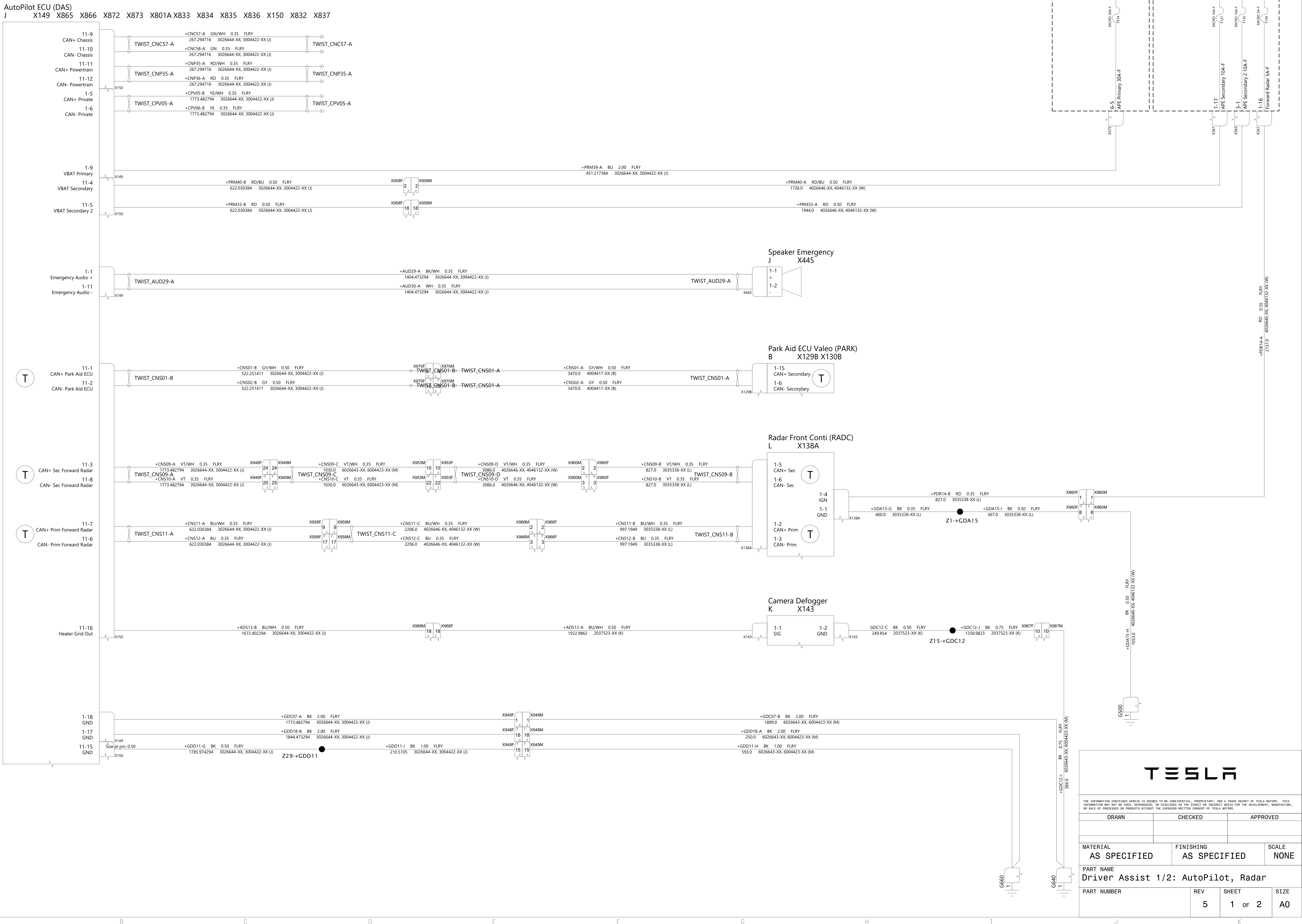
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DRAWN	CHECKED	APPROVED

MATERIAL	FINISHING	SCALE
AS SPECIFIED	AS SPECIFIED	NONE

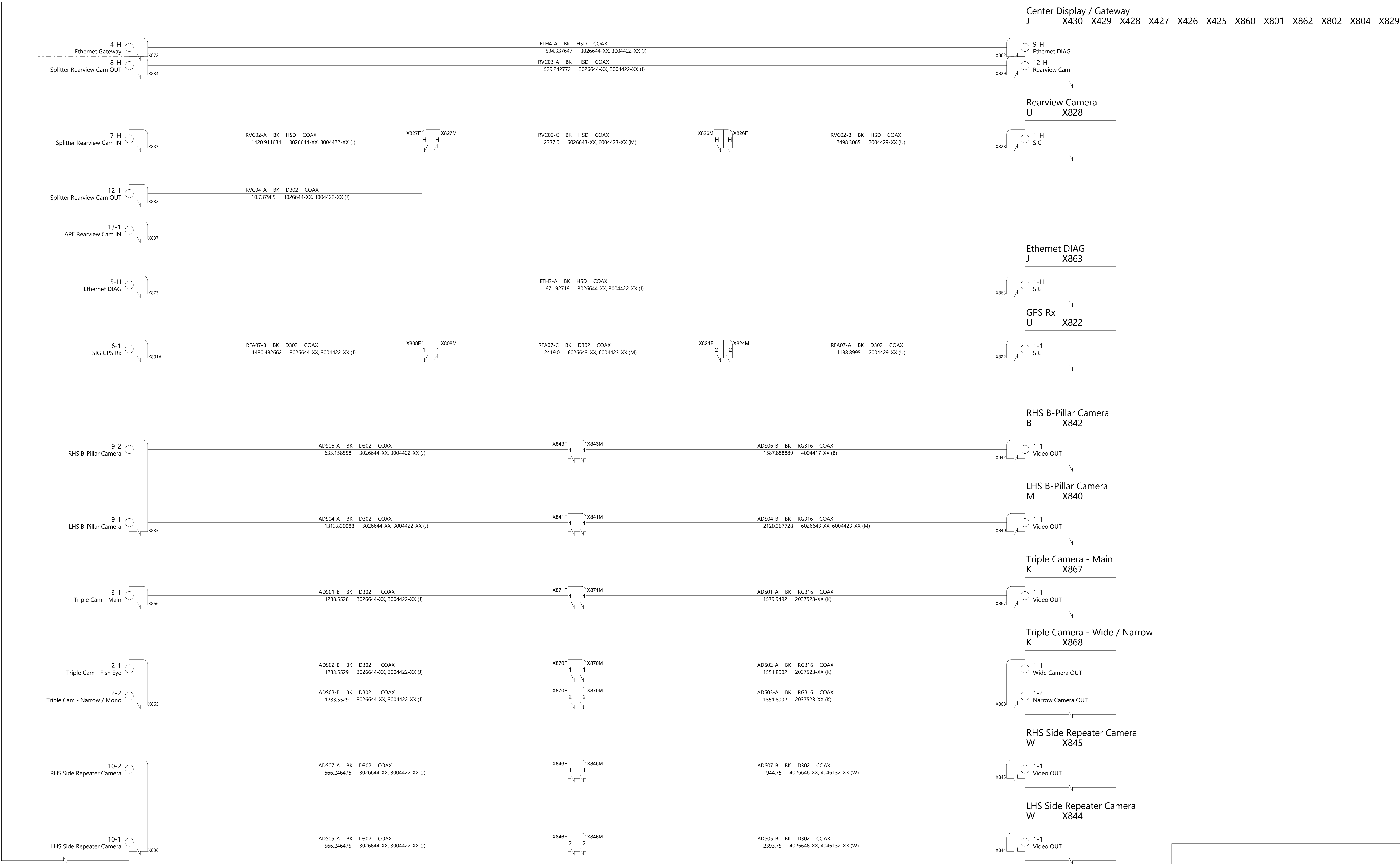
PART NAME			
Drive Inverter 2/2 - Rear			

PART NUMBER	REV	SHEET	SIZE
	4	2 OF 2	A0





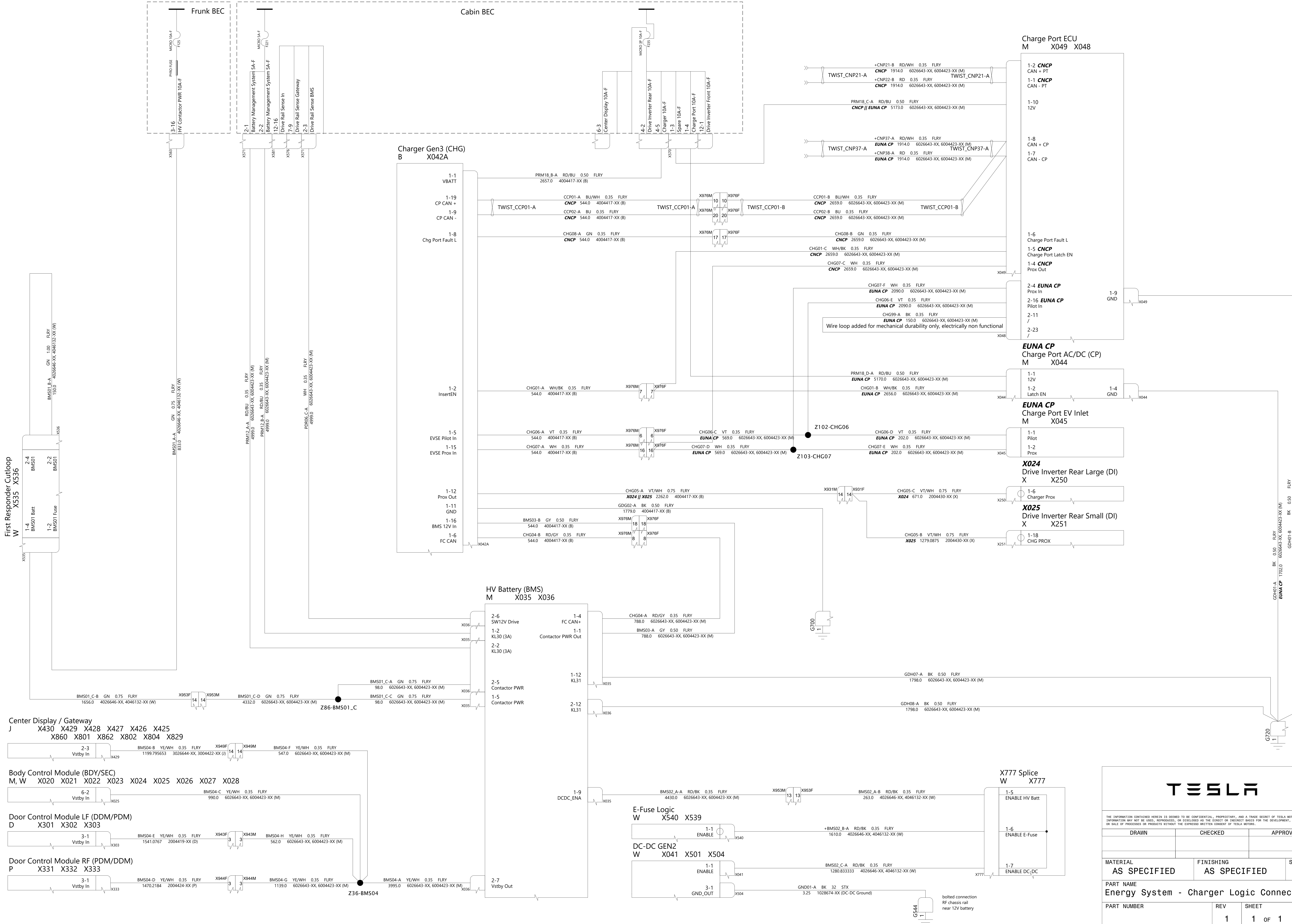
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J X149 X865 X866 X872 X873 X801A X833 X834 X835 X836 X150 X832 X837



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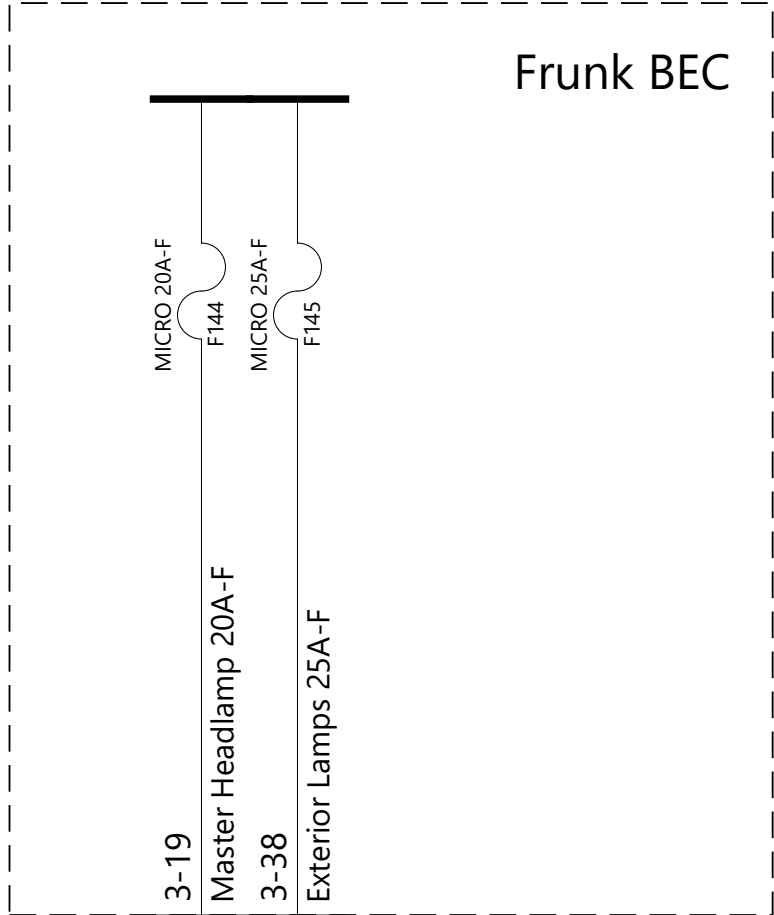
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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME Driver Assist 2/2: Cameras		
PART NUMBER	REV 5	SHEET 2 OF 2
		SIZE A0

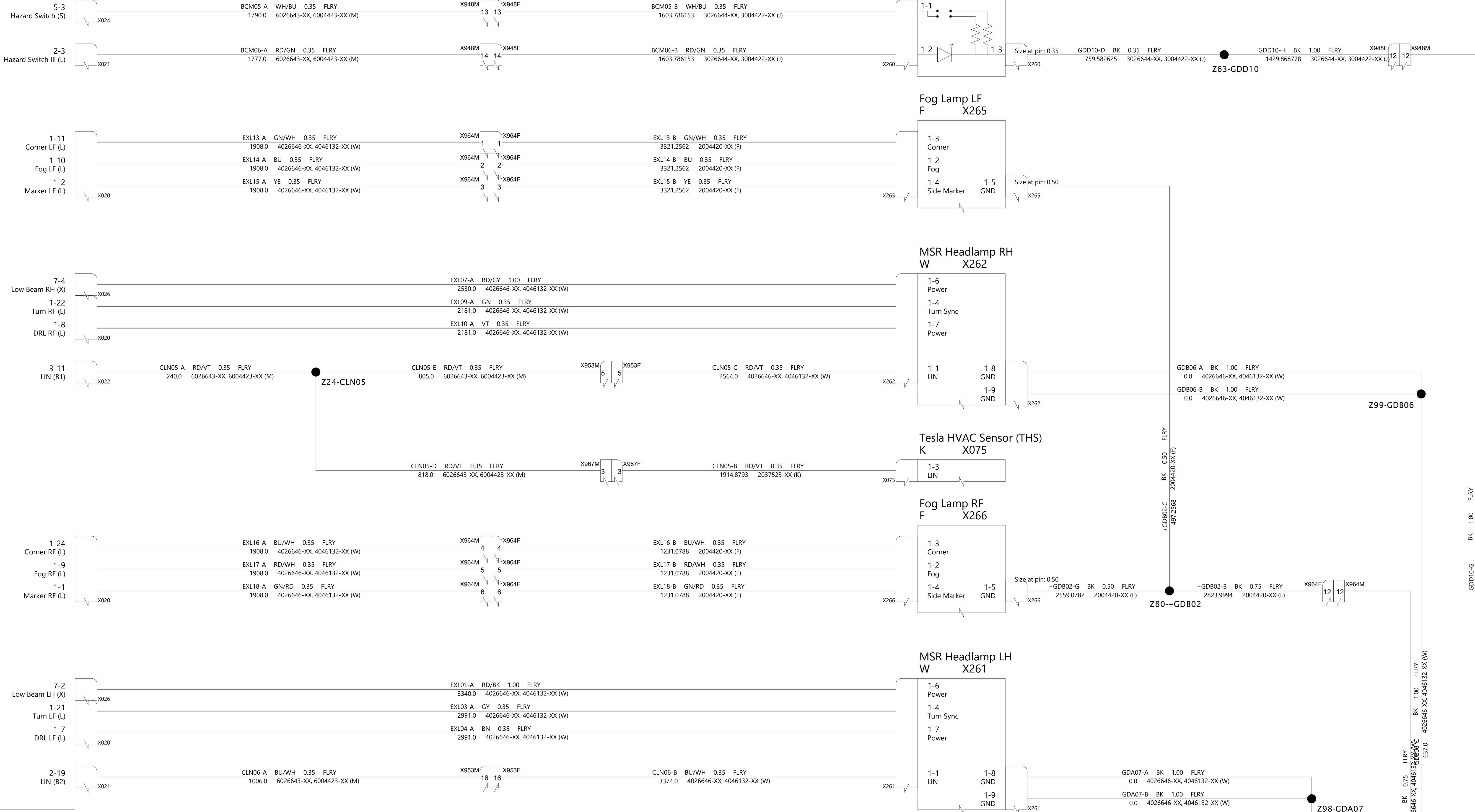


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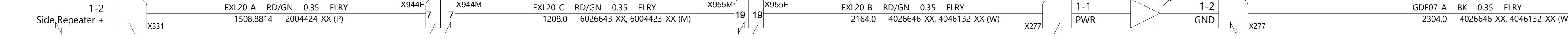
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DRAWN			CHECKED				APPROVED		
MATERIAL			FINISHING					SCALE	
AS SPECIFIED			AS SPECIFIED					NONE	
PART NAME									
Energy System - Charger Logic Connections									
PART NUMBER			REV		SHEET		SIZE		
			1		1 OF 1		A0		



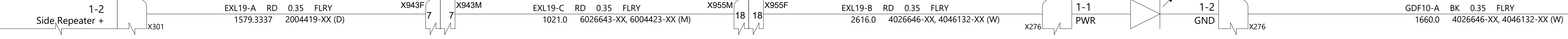
Body Control Module (BDY/SEC)  
M, W X020 X021 X022 X023 X024 X025 X026 X027 X028



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



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

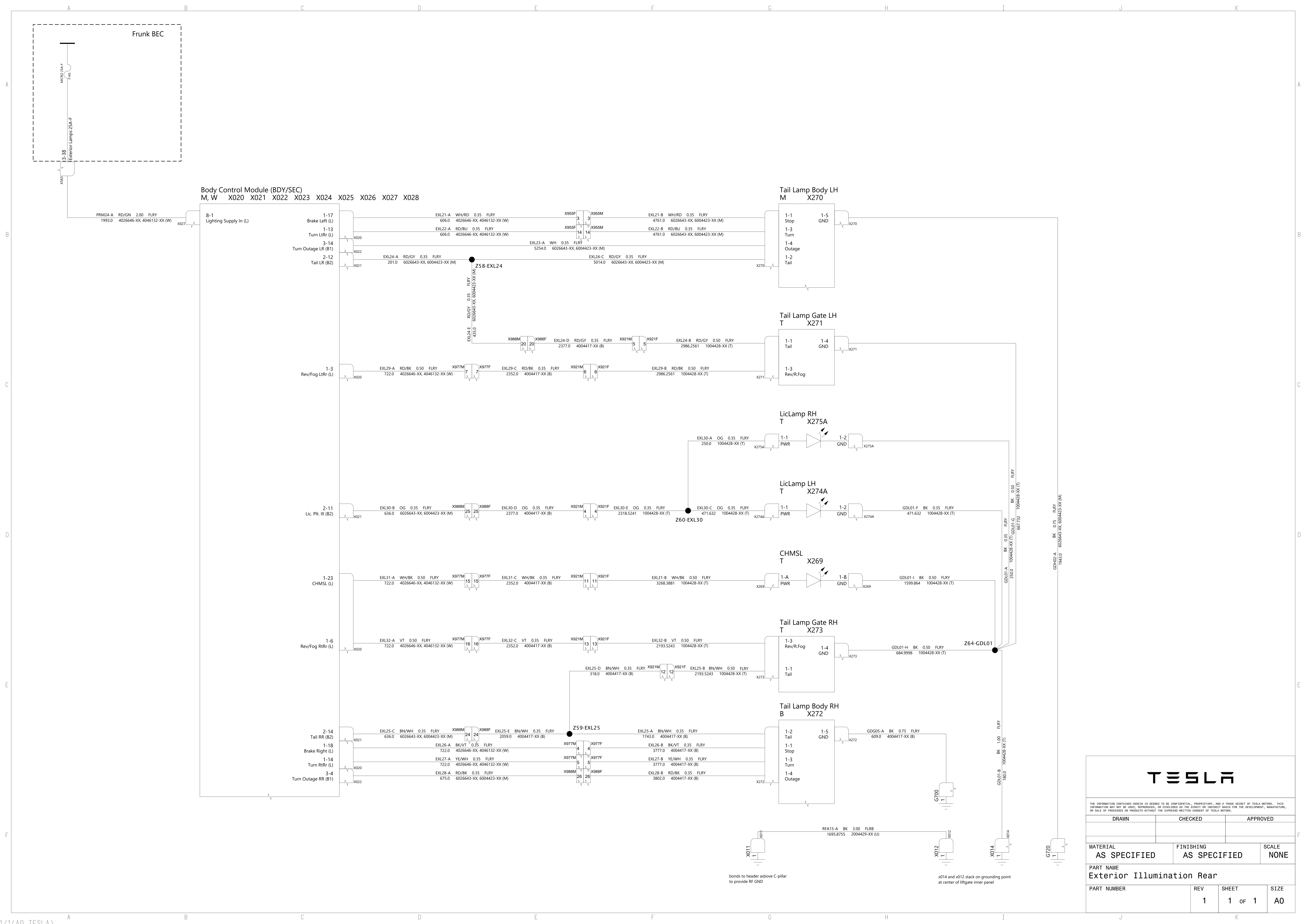


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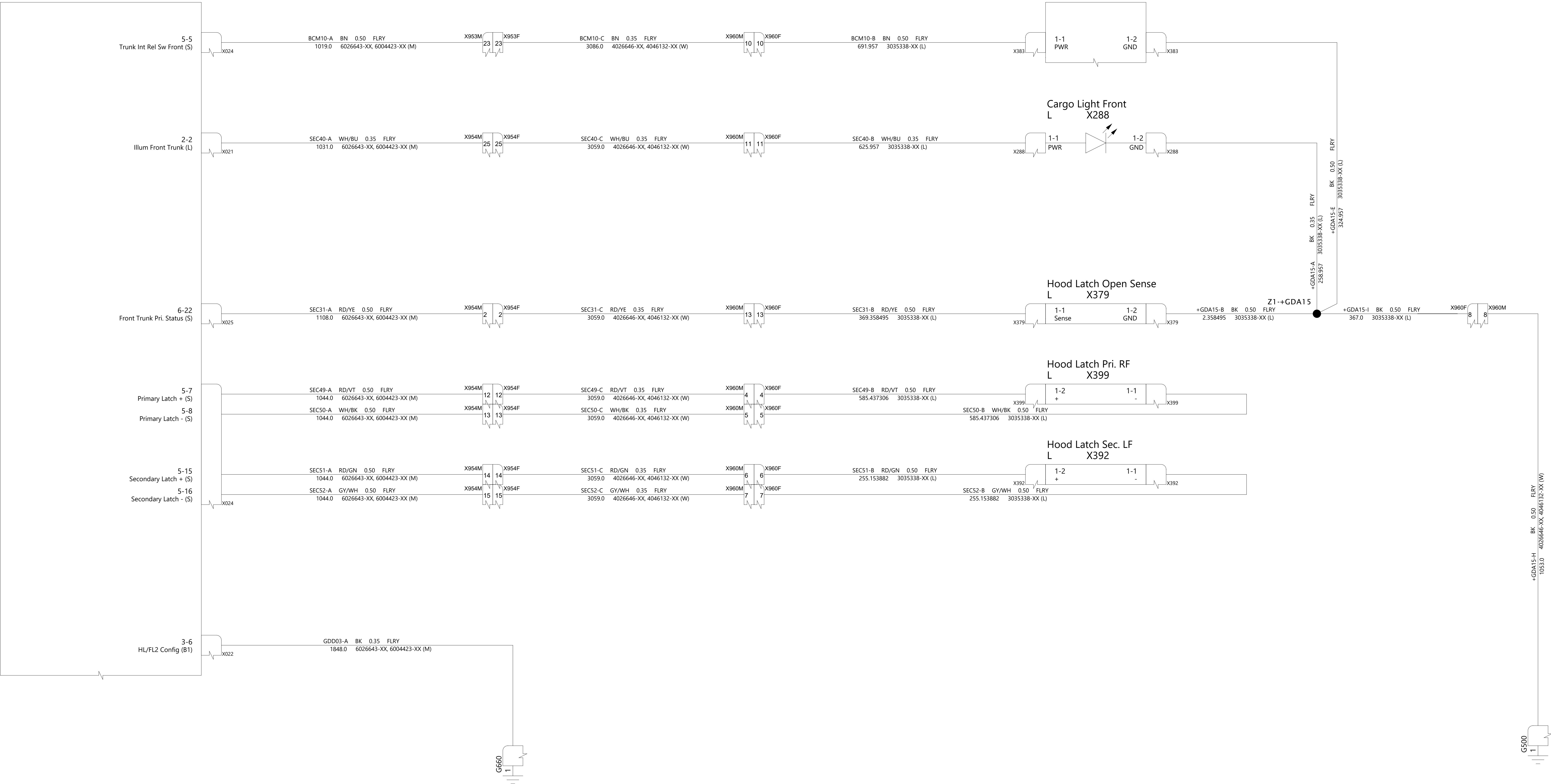
DRAWN	CHECKED	APPROVED

MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME Exterior Illumination Front		
PART NUMBER	REV 4	SHEET 1 OF 1
		SIZE A0





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



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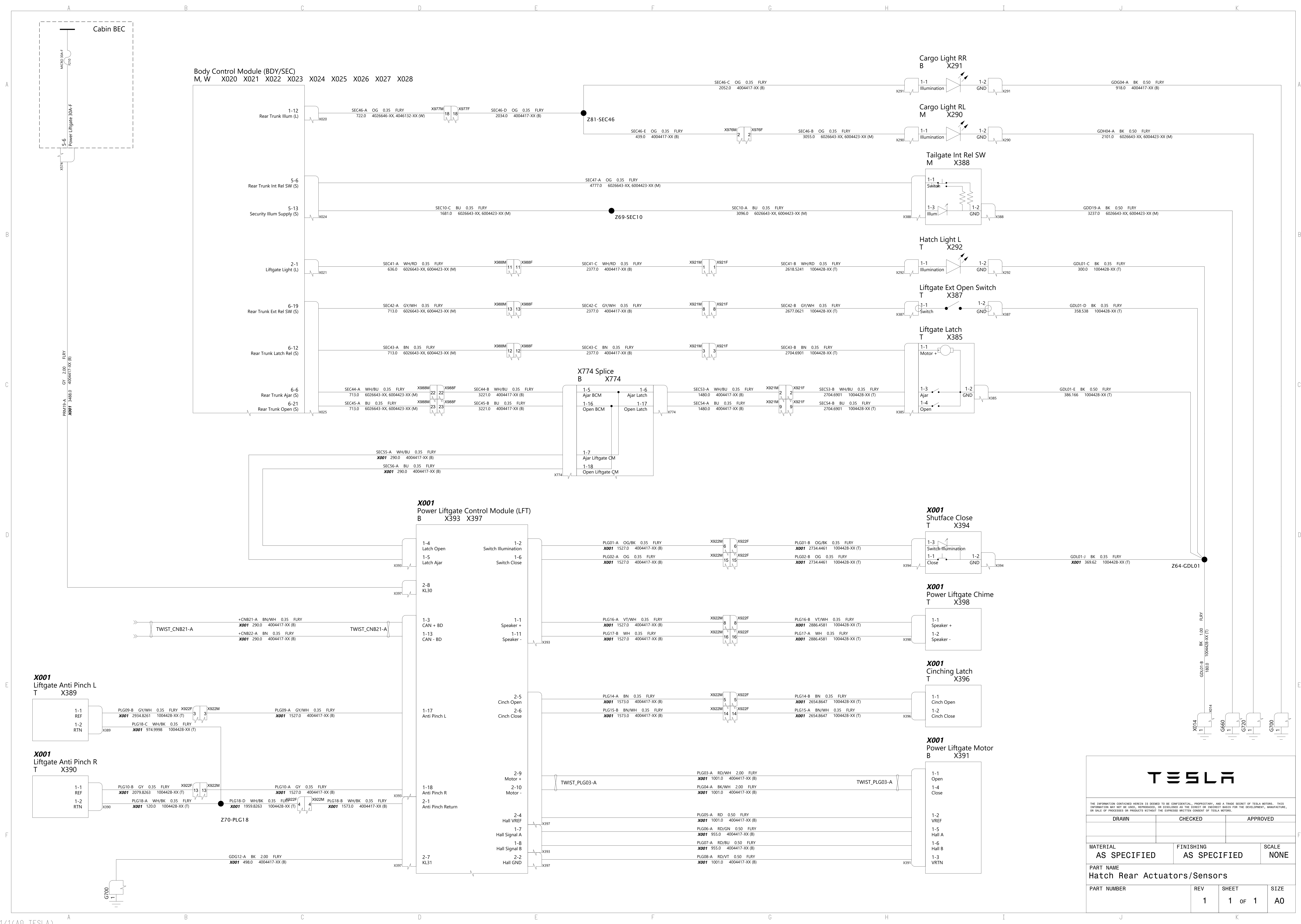
THE INFORMATION CONTAINED HEREIN IS DEEMED TO BE CONFIDENTIAL, PROPRIETARY, AND A TRADE SECRET OF TESLA MOTORS. THIS INFORMATION MAY NOT BE USED, REPRODUCED, OR DISCLOSED AS THE DIRECT OR INDIRECT BASIS FOR THE DEVELOPMENT, MANUFACTURE, OR SALE OF PROCESSES OR PRODUCTS WITHOUT THE EXPRESSED WRITTEN CONSENT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

DRAWN	CHECKED	APPROVED

MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
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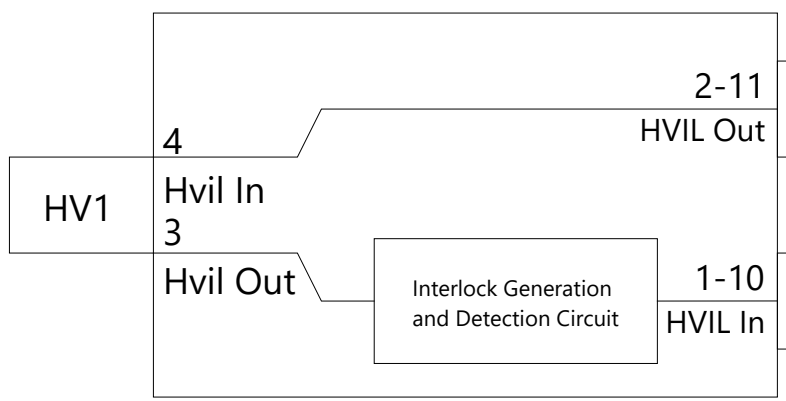
PART NAME Hatch Front Actuators/Sensors
--

PART NUMBER	REV 2	SHEET 1 of 1	SIZE A0
-------------	----------	-----------------	------------

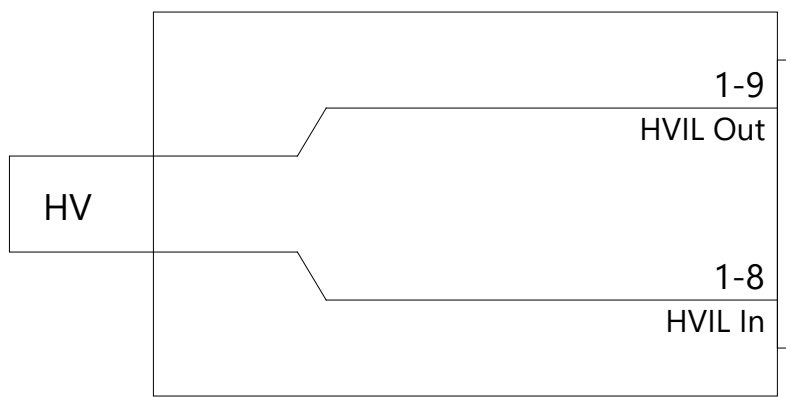




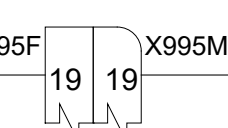
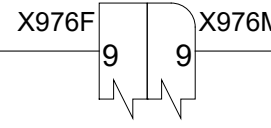
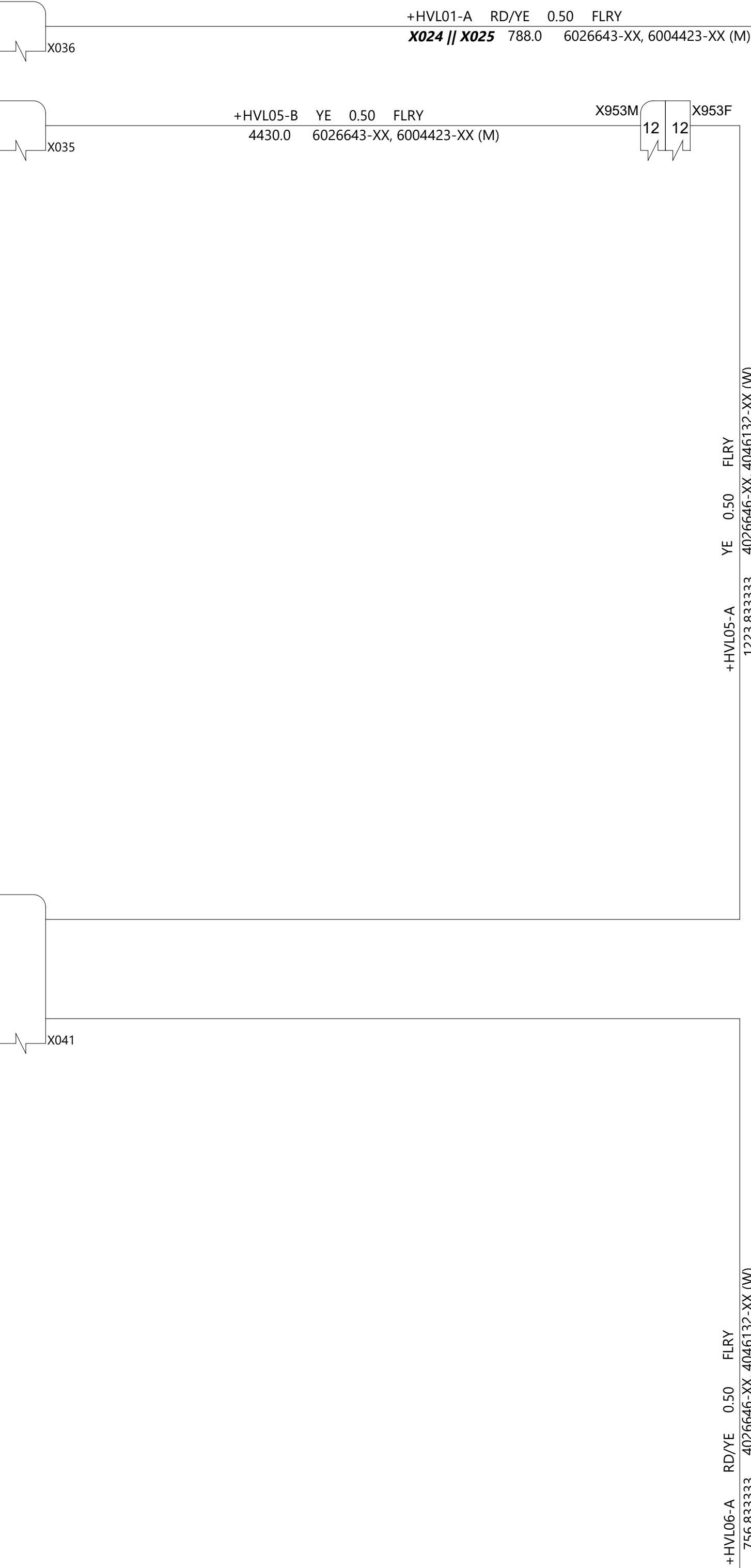
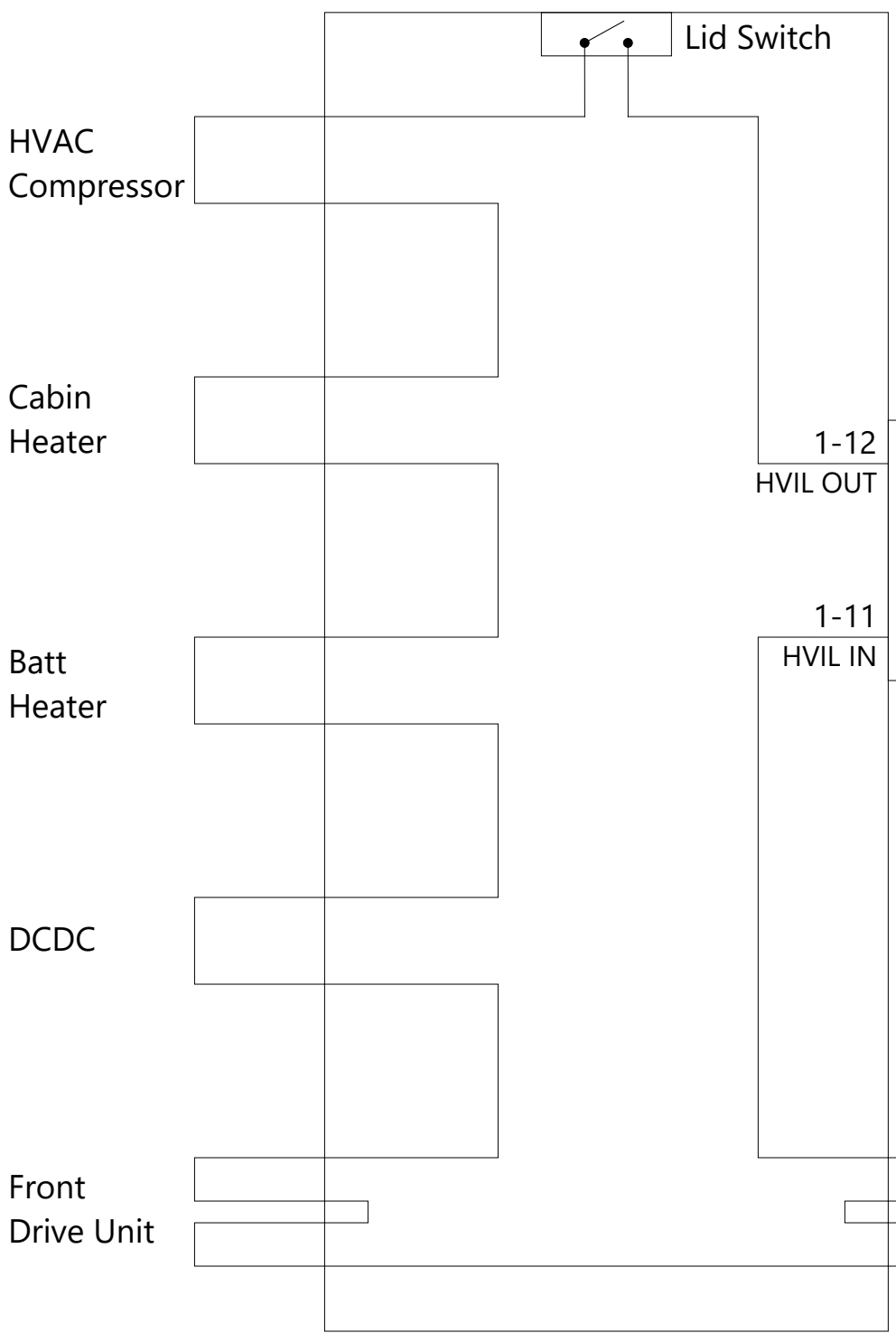
HV Battery (BMS)  
M X035



DC-DC GEN2  
W X041 X501



Front HVJB  
W X040



+HVL01-C RD/YE 0.50 FLYR  
**X024 || X025** 2246.0 4004417-XX (B)

+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  
**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 6026643-XX 6004423-XX (W)

+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)

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

+HVL02-C YE 0.75 FLYR  
**X024** 671.0 2004430-XX (X)

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

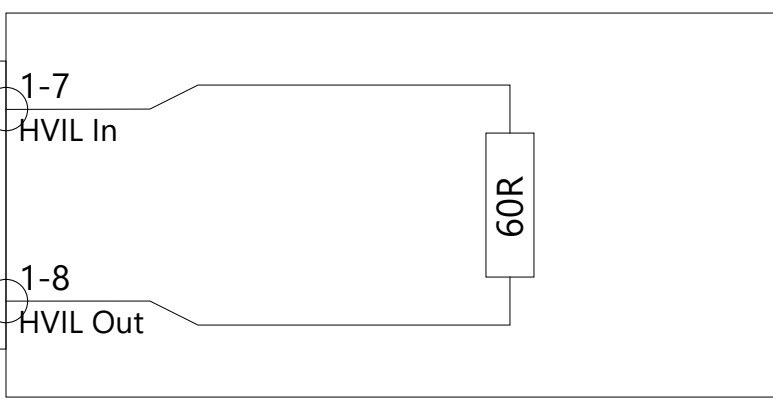
+HVL04-E YE/WH 0.50 FLYR  
**INDU** 2450.0 4026646-XX 4046132-XX (W)

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

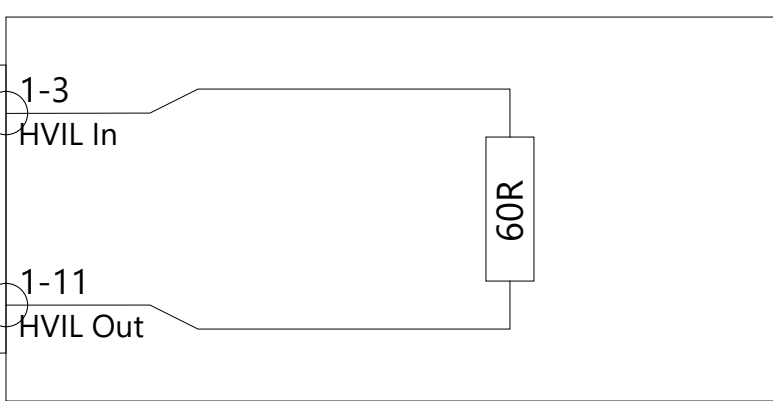
+HVL04-D YE/WH 0.50 FLYR  
**PMDU** 2450.0 4026646-XX 4046132-XX (W)

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

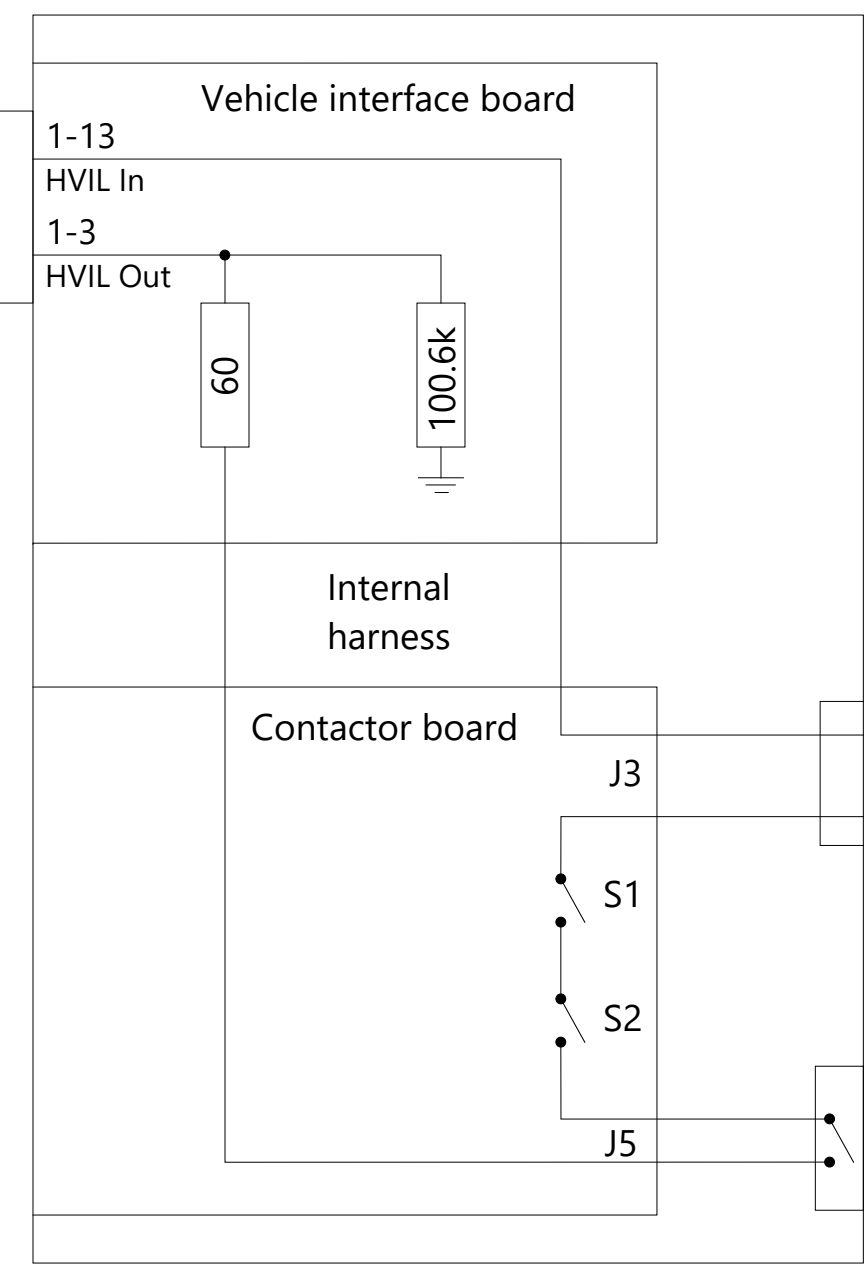
**X024**  
Drive Inverter Rear Large (DI)  
X X250



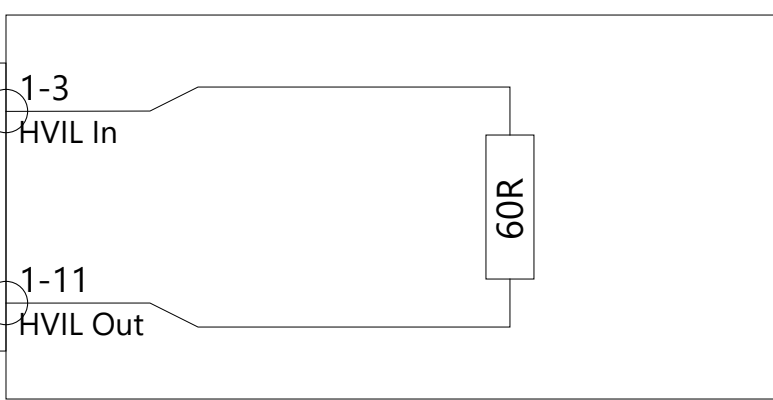
**X025**  
Drive Inverter Rear Small (DI)  
X X251



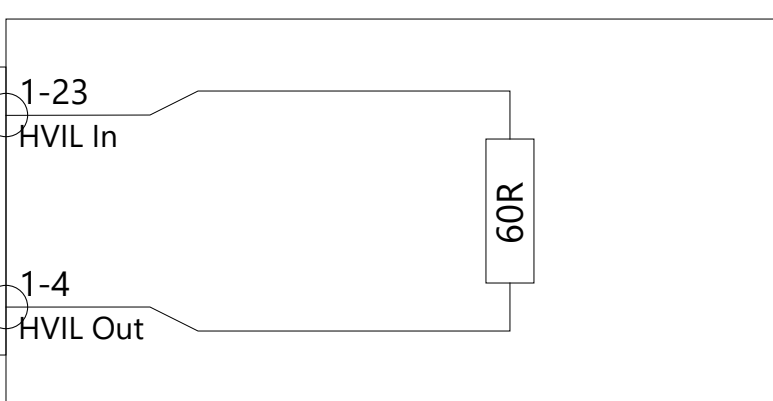
Charger Gen3 (CHG)  
B X042A



**INDU**  
Drive Inverter Front Induction  
W X255



**PMDU**  
Drive Inverter Front PM  
N X325



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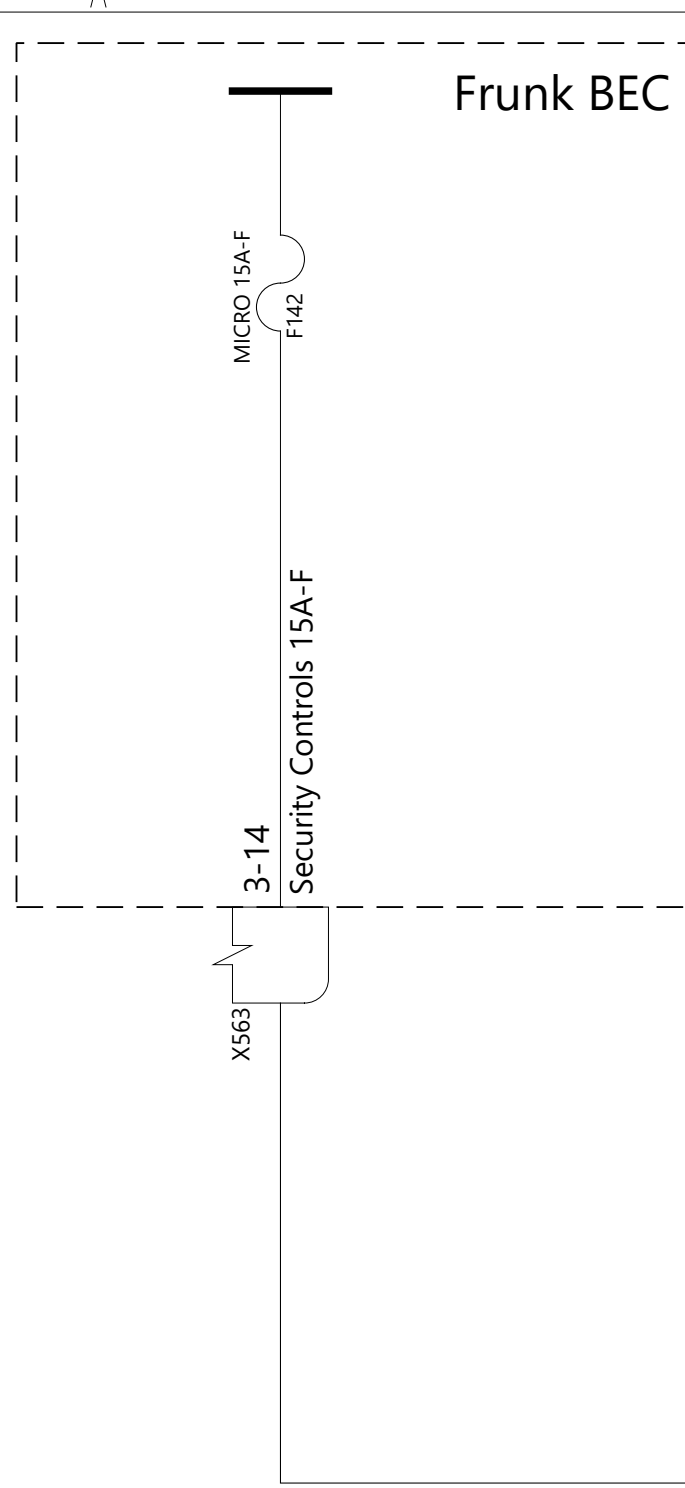
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DRAWN	CHECKED	APPROVED

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

PART NUMBER	REV	SHEET	SIZE
	2	1 OF 1	A0



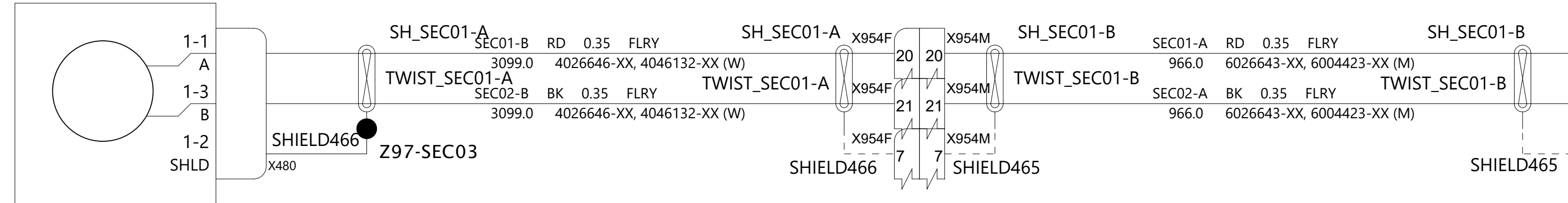
Body Control Module (BDY/SEC)  
M, W X020 X021 X022 X023 X024 X025 X026 X027 X028

8-5 Security Supply In (S)

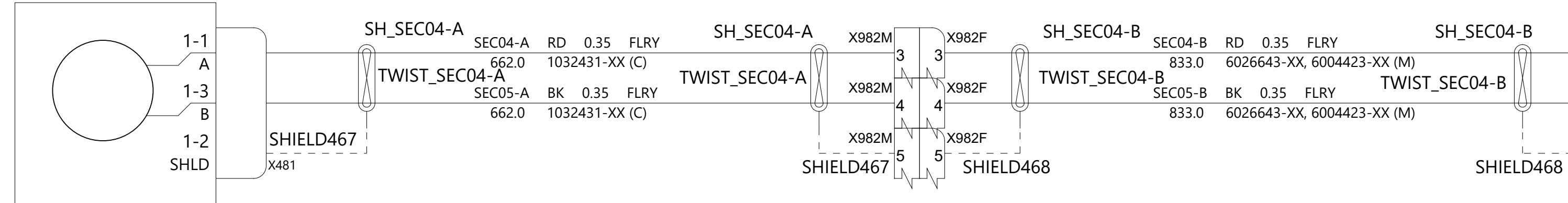
PRM23-A RD/V/T 2.00 FLRY  
1993.0 4026646-XX, 4046132-XX (W)

X027

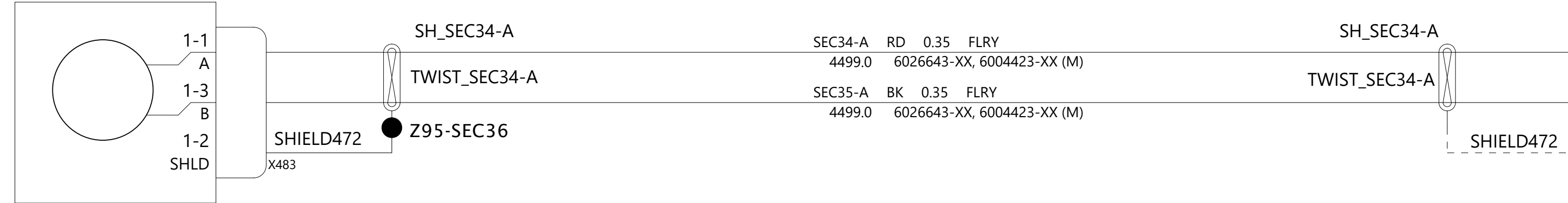
LF Coil Front  
W X480



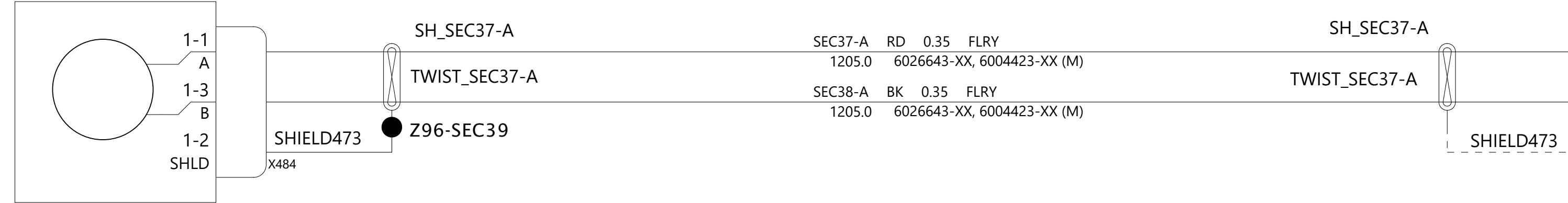
LF Coil Middle  
C X481



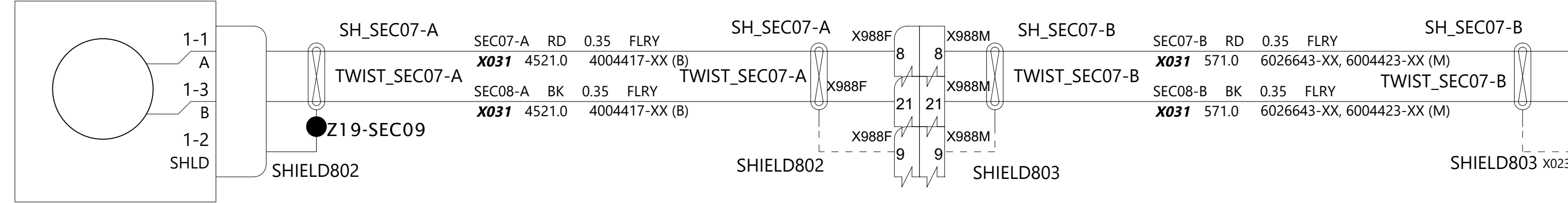
LF Coil Seat  
M X483



Keyfob Charge Ant  
M X484



Passive Entry Ant Rear  
B X482



4-18 LF Coil A (Front)  
4-5 LF Coil B (Front)  
4-19 LF Coil SHLD (Front)

4-21 LF Coil A (Middle)  
4-8 LF Coil B (Middle)  
4-22 LF Coil SHLD (Middle)

4-24 LF Coil A (Seat)  
4-11 LF Coil B (Seat)  
4-25 LF Coil SHLD (Seat)

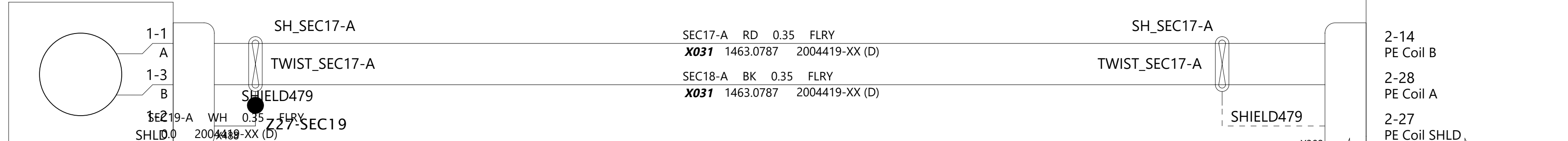
4-27 Keyfob Charge Ant A  
4-14 Keyfob Charge Ant B  
4-28 Keyfob Charge Ant SHLD

4-15 Passive Entry A (Rear)  
4-2 Passive Entry B (Rear)  
4-16 Passive Entry SHLD (Rear)

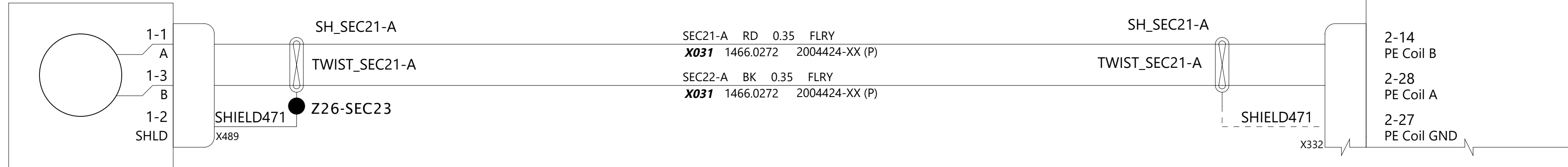
5-12 DCC LH (S)

5-11 DCC RH (S)

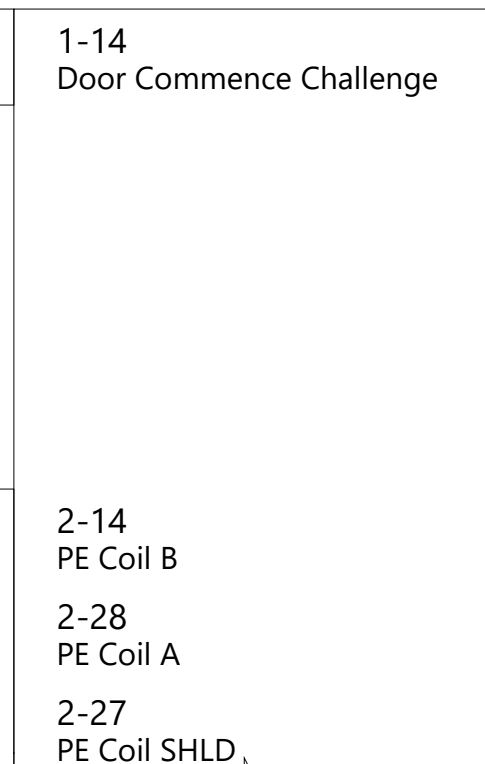
Passive Entry Ant LF  
D X488



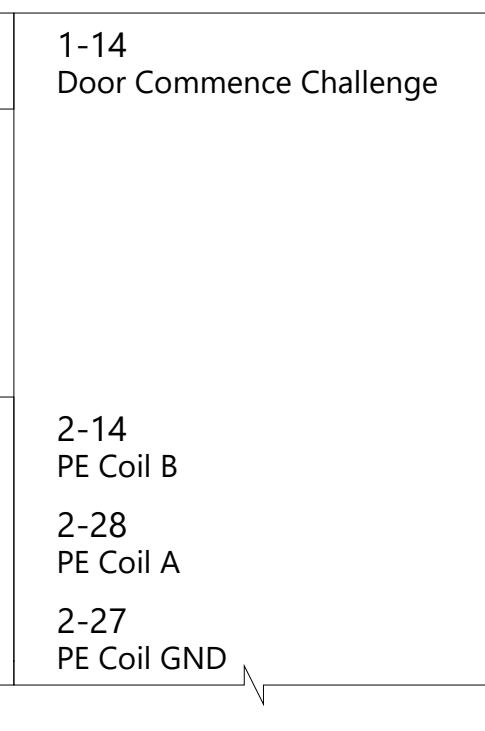
Passive Entry Ant RF  
P X489



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
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PART NAME Horn and Passive Entry / Security 1/2			
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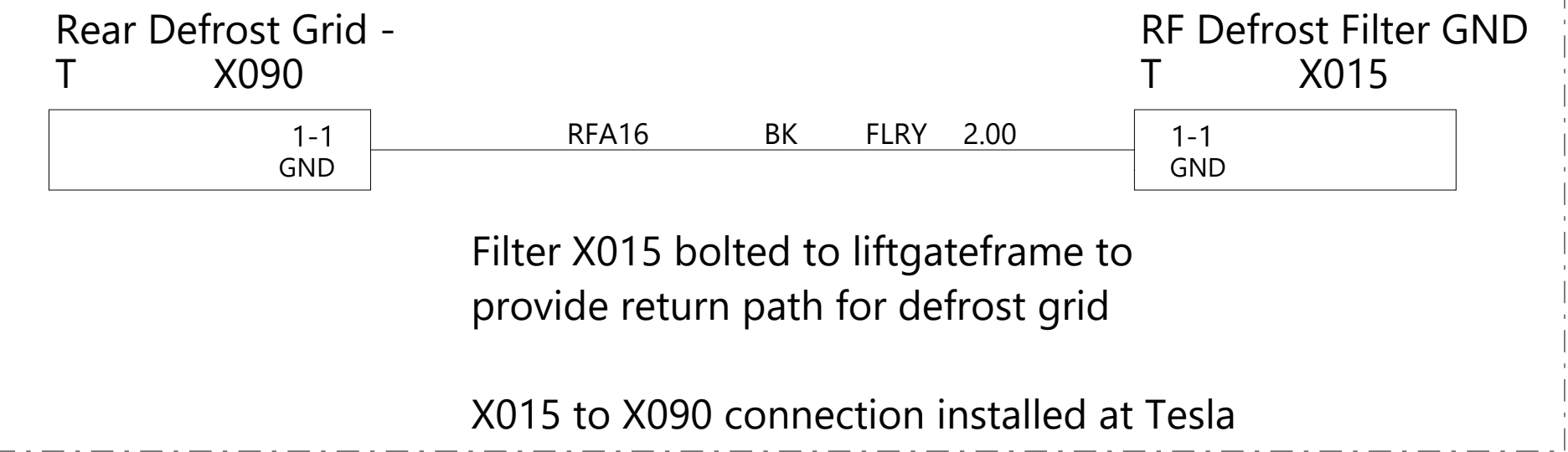
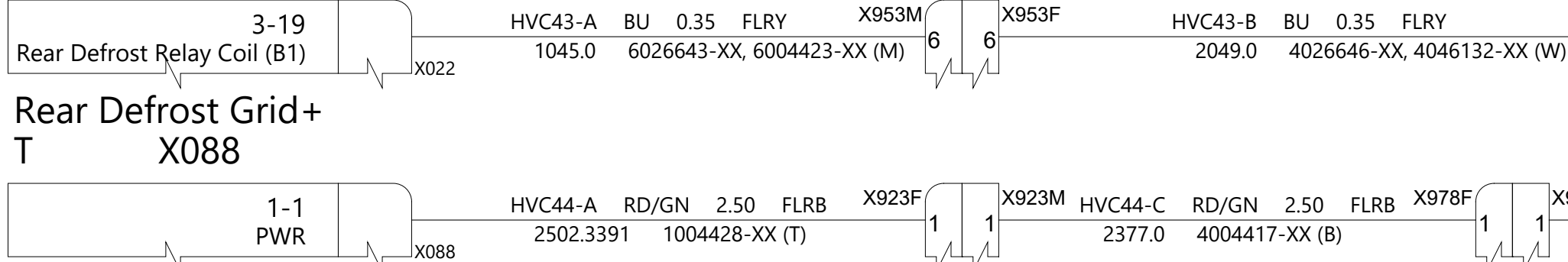
PART NUMBER	REV	SHEET	SIZE
	1	1 OF 2	A0



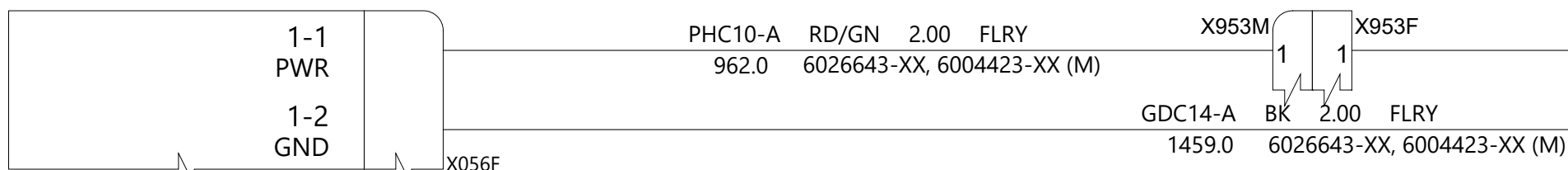


Body Control Module (BDY/SEC)

M, W X020 X021 X022 X023 X024 X025 X026 X027 X028

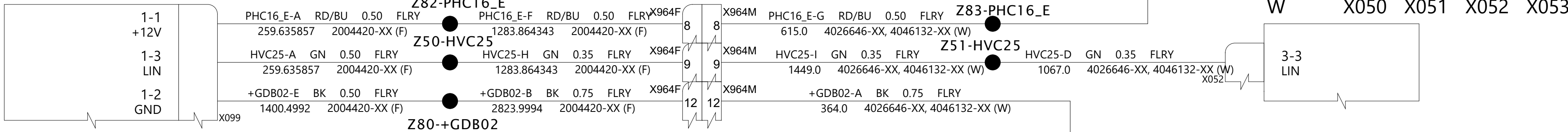


Cabin Fan Power

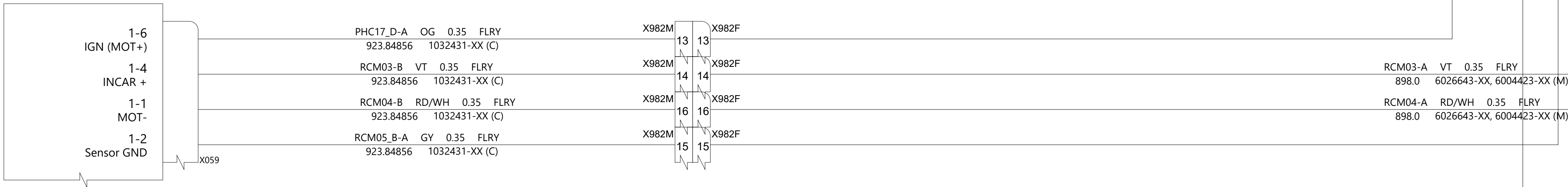


See 'HVAC - Case Harness' for internal wiring

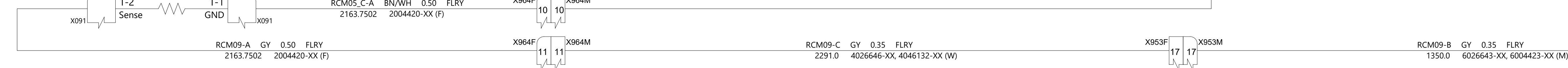
Air Quality Sensor



In Car Sensor



Ambient Temp Sensor



OBDII Connector

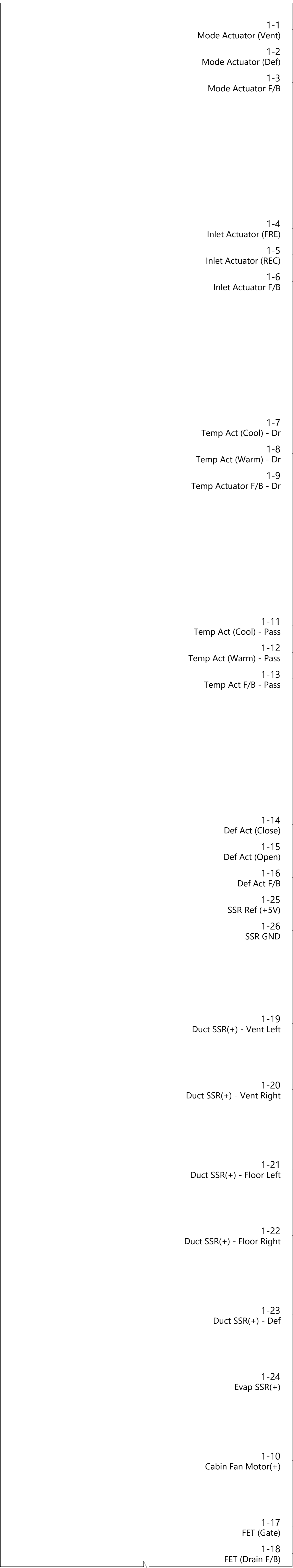


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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME HVAC - Cabin Climate and Rear Defrost		
PART NUMBER	REV 1	SHEET 1 OF 1
		SIZE A0

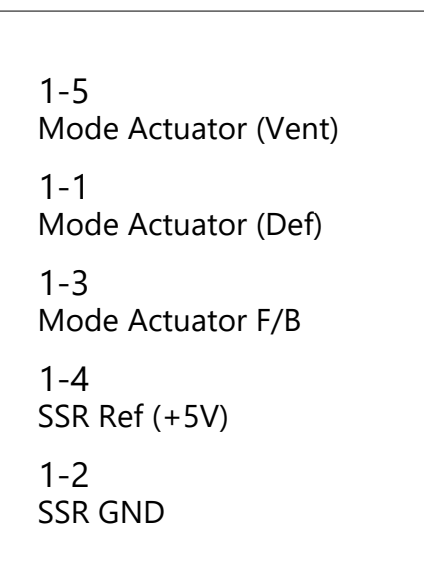
HVAC Case Internal Wiring



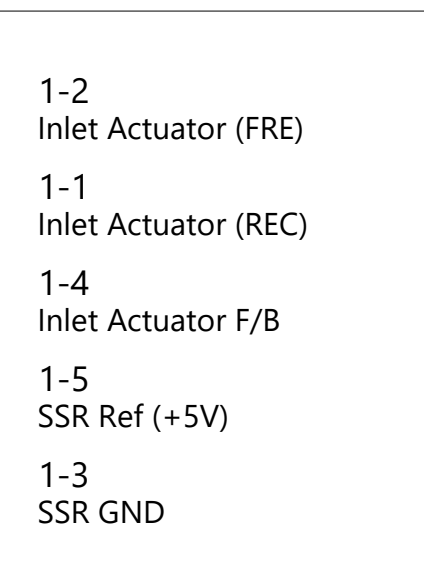
Cabin Fan Power X056M



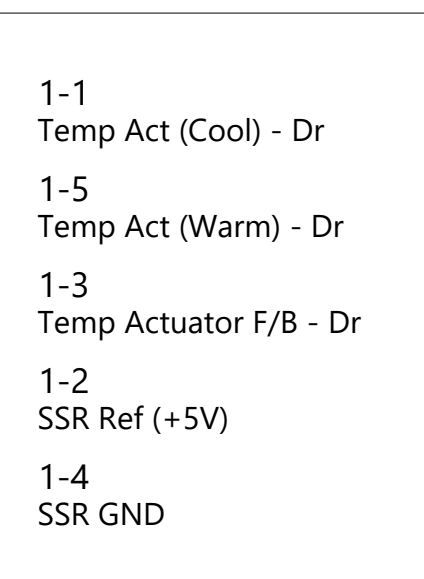
HVAC Mode Act



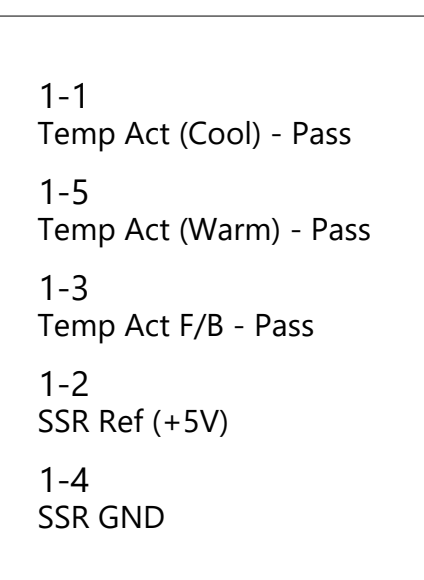
HVAC Inlet Act



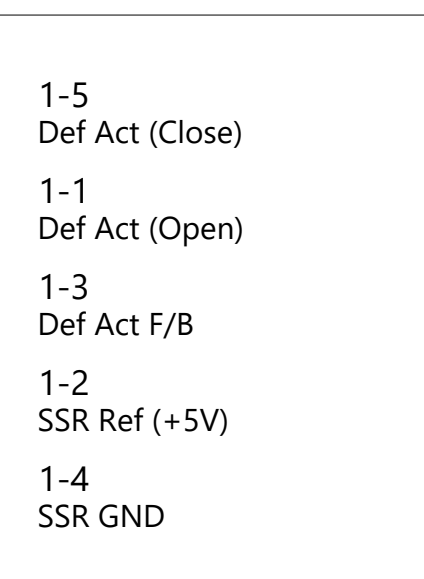
Driver Temp Act



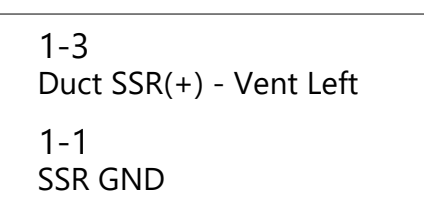
Passenger Temp Act



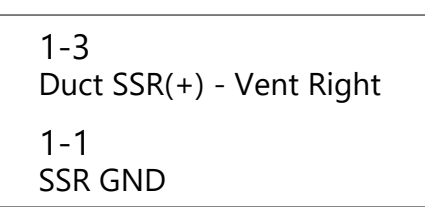
Def Act



Duct Sns-Vent Left



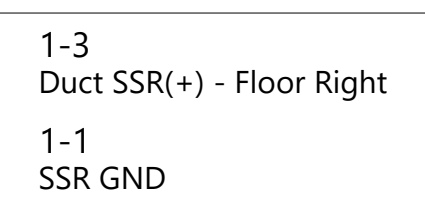
Duct Sns-Vent Right



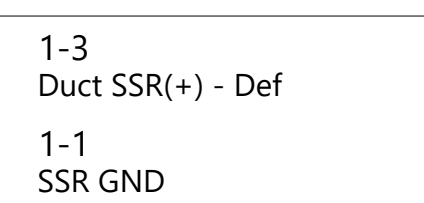
Duct Sns - FLR Left



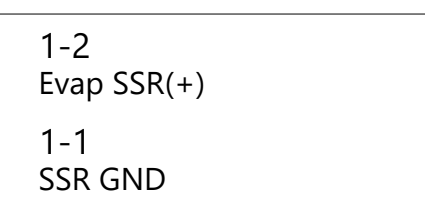
Duct Sns - FLR Right



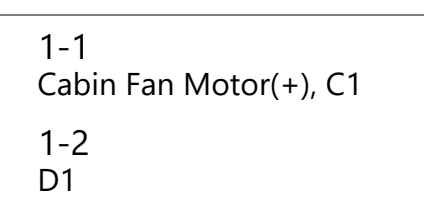
Duct Sns - Def



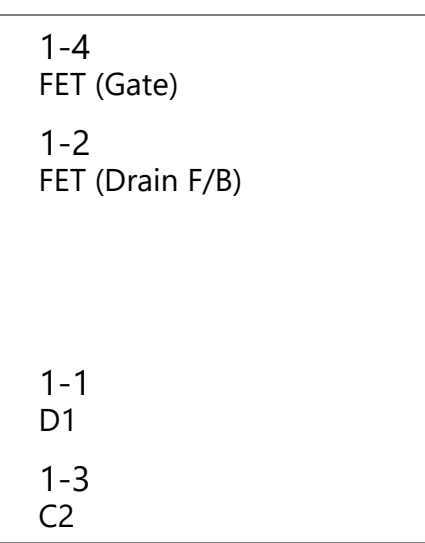
Evap Sns



Cabin Fan Motor



FET



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

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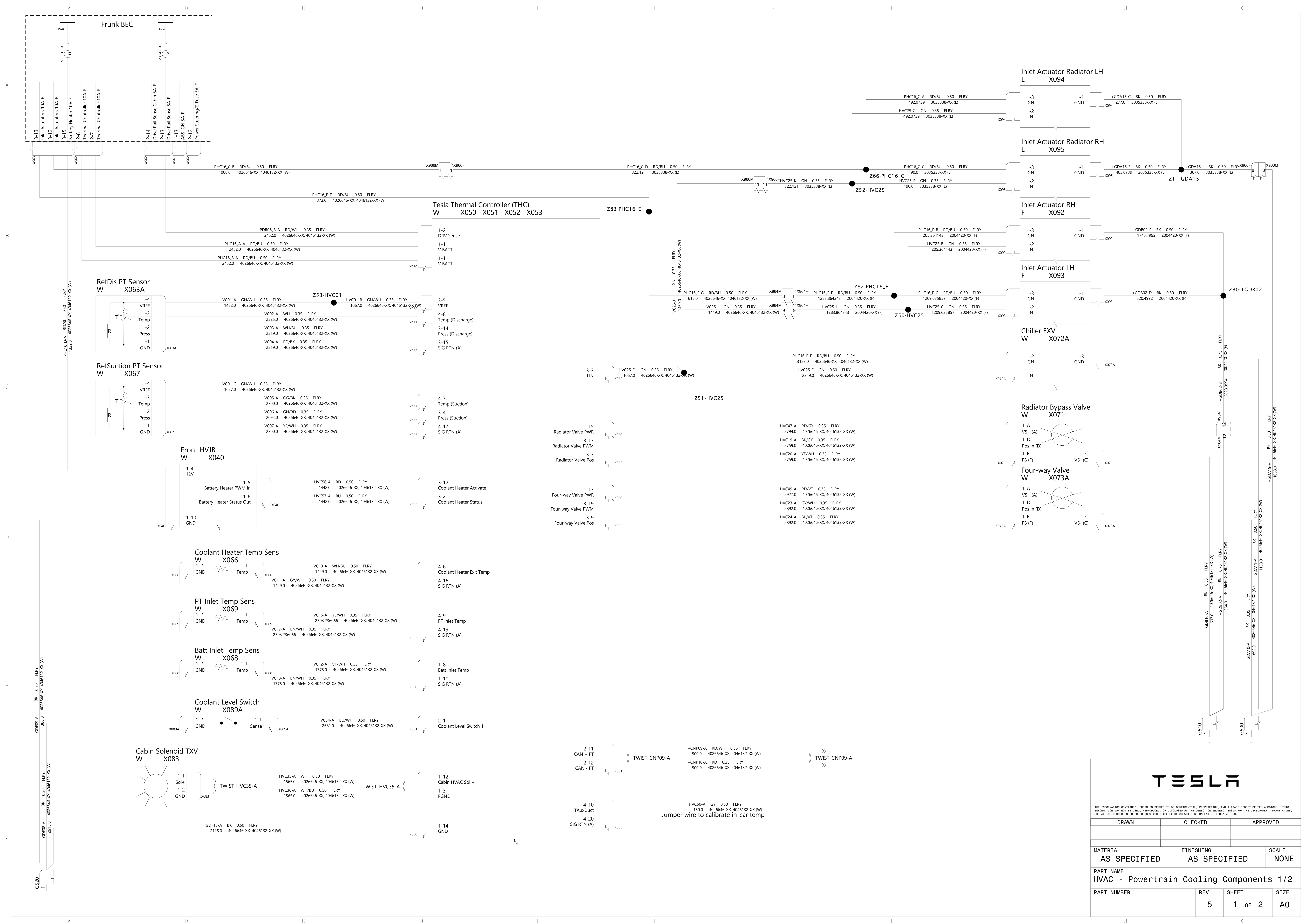
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DRAWN	CHECKED	APPROVED

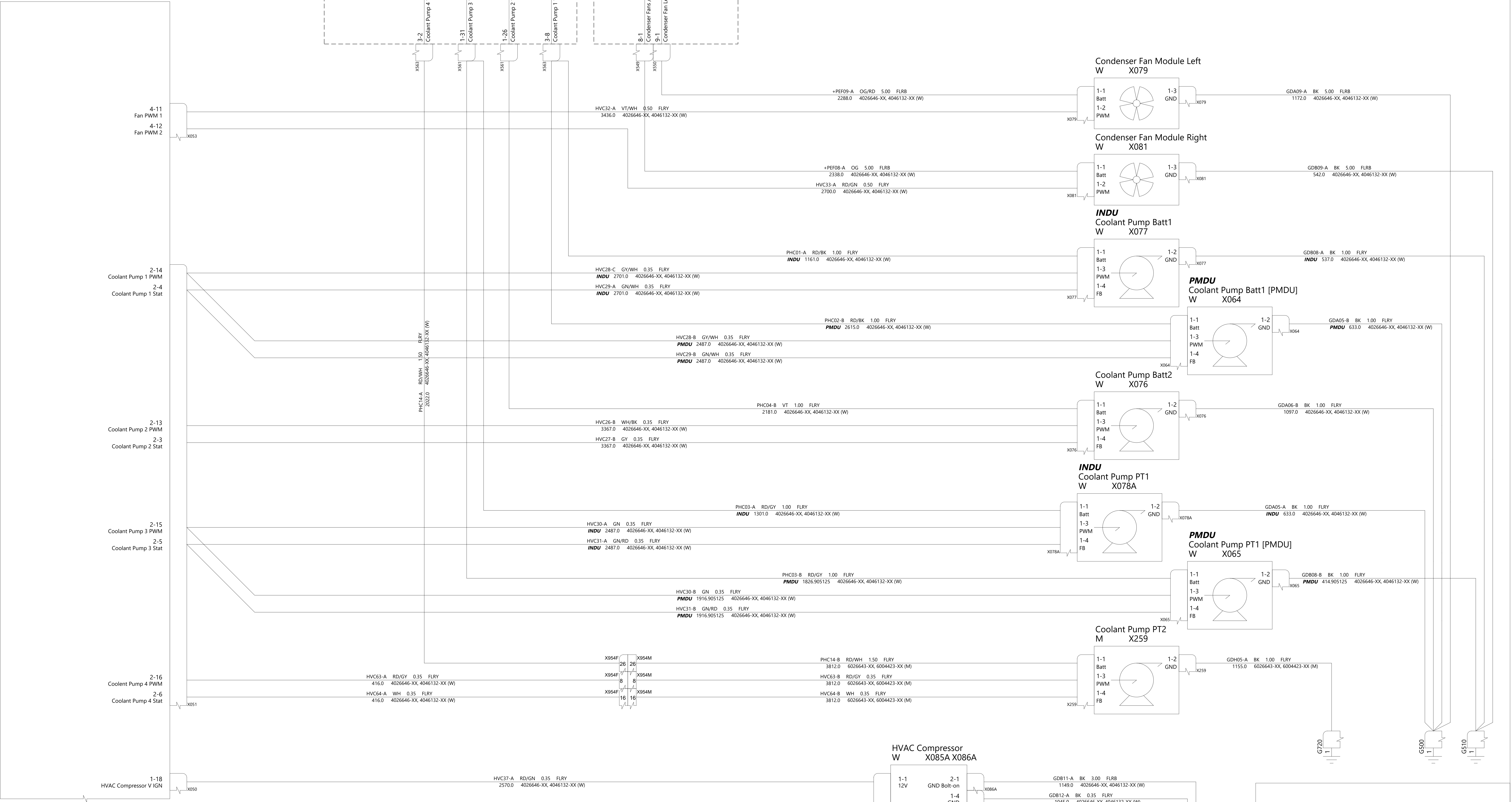
MATERIAL	FINISHING	SCALE
AS SPECIFIED	AS SPECIFIED	NONE

PART NAME
HVAC - Case Harness

PART NUMBER	REV	SHEET	SIZE
	1	1 OF 1	A0



Tesla Thermal Controller (THC)  
W X050 X051 X052 X053

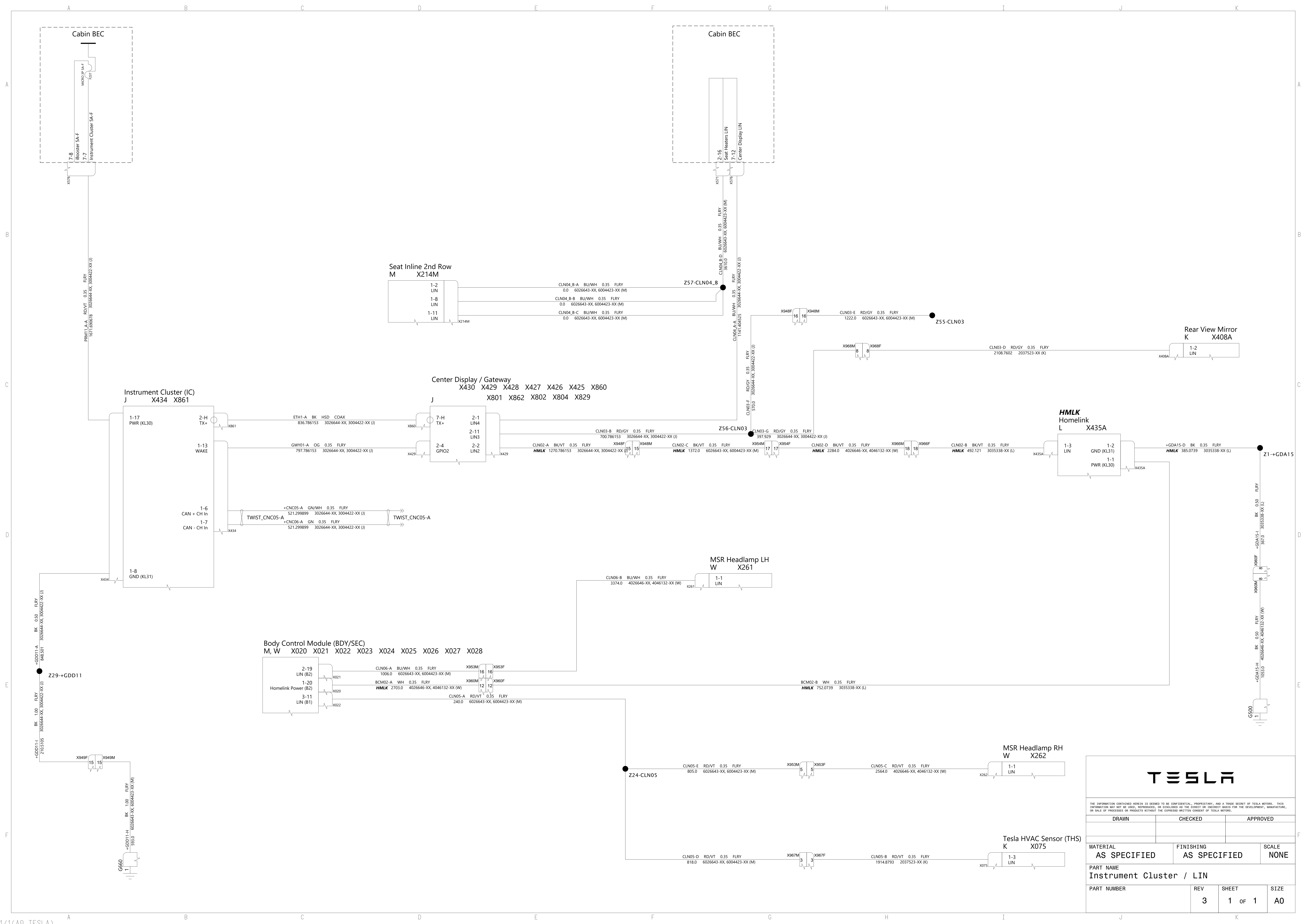


TESLA

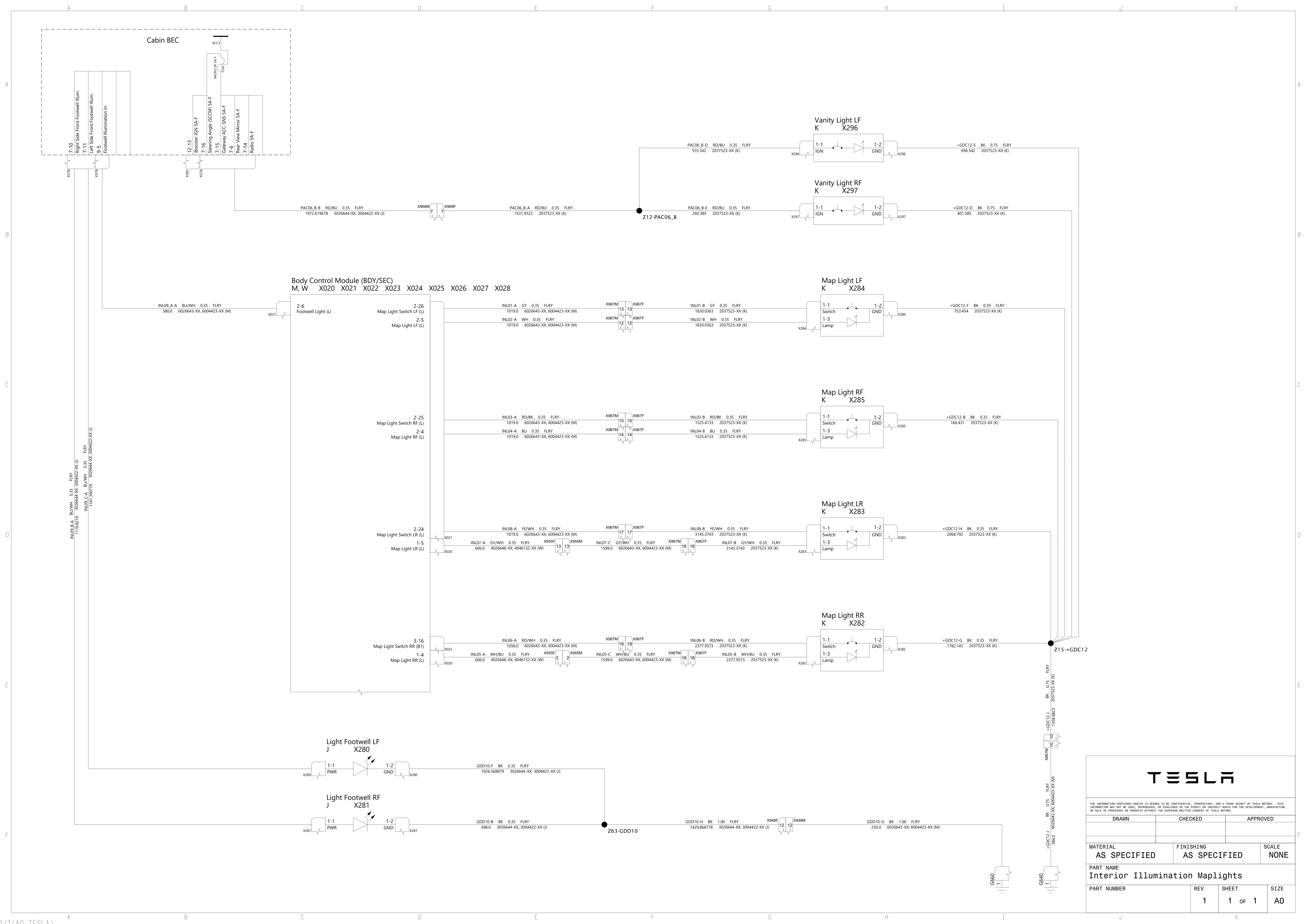
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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME HVAC - Powertrain Cooling Components 2/2		
PART NUMBER	REV 5	SHEET 2 OF 2 SIZE A0





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DRAWN		CHECKED	
		APPROVED	
MATERIAL		FINISHING	
AS SPECIFIED		AS SPECIFIED	
		SCALE	
		NONE	
PART NAME			
Instrument Cluster / LIN			
PART NUMBER		SHEET	
3		1 OF 1	
		SIZE	
		A0	



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DRAWN	CHECKED	APPROVED

MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
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PART NAME Interior Illumination Maplights
--

PART NUMBER	REV	SHEET	SIZE
	1	1 OF 1	A0

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

Cabin BEC

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

Rear View Mirror  
K X408A

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

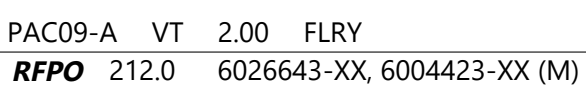
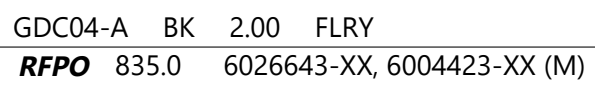
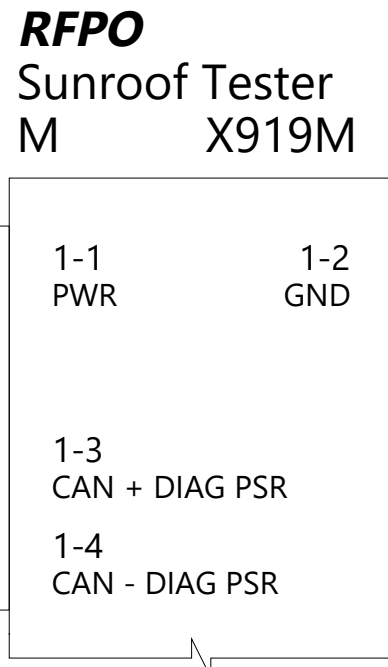
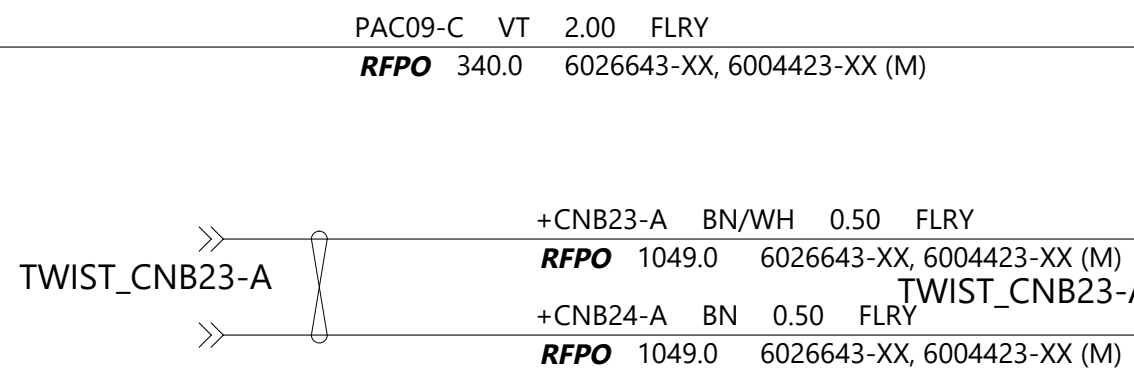
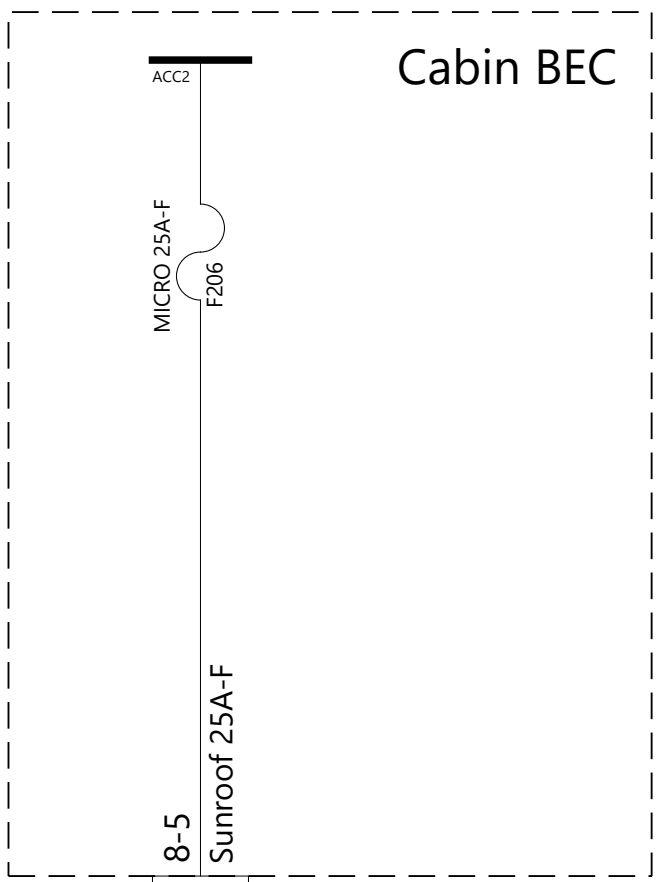
Mirror Side Left  
D X316

Mirror Side Right  
P X346

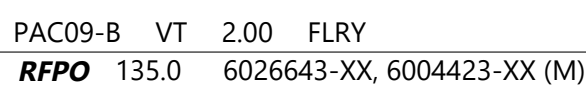
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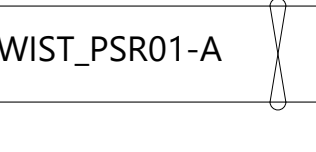
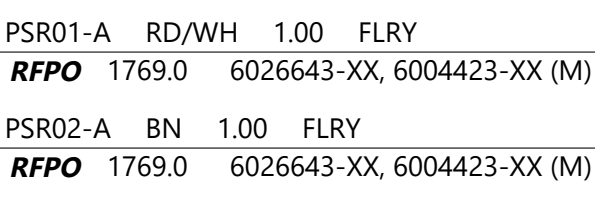
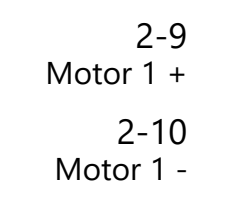
DRAWN		CHECKED		APPROVED	
MATERIAL AS SPECIFIED		FINISHING AS SPECIFIED		SCALE NONE	
PART NAME Mirrors - Center and Side					
PART NUMBER		REV 1	SHEET 1 OF 1	SIZE A0	



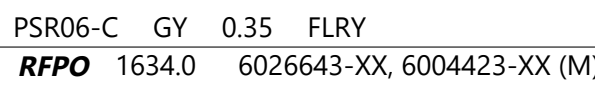
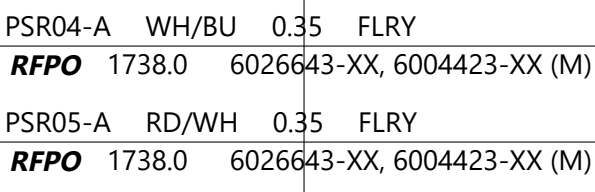
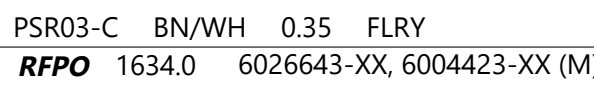
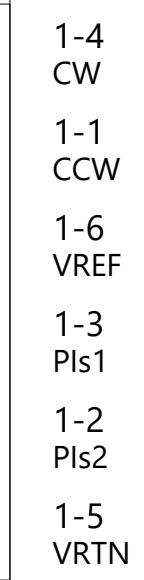
Z49-PAC09



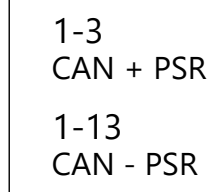
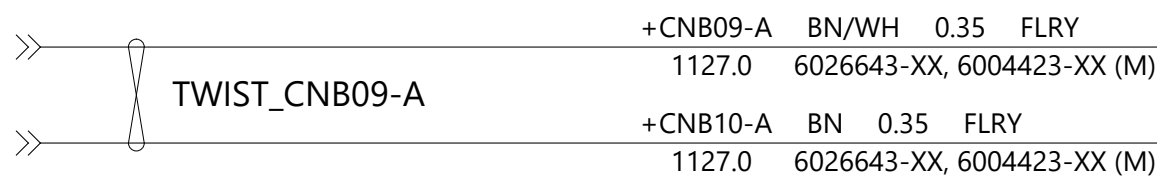
Sunroof Control Module (SUN)  
M X404 X405



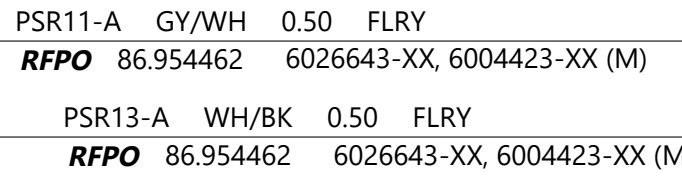
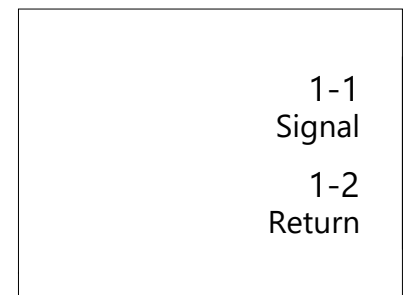
RFPO  
Sunroof Motor LH  
M X402



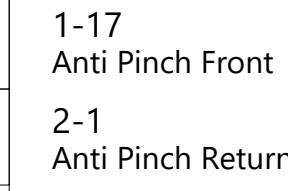
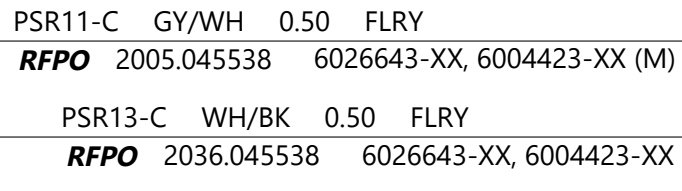
X402



RFPO  
Sunroof Anti Pinch 1  
M X406

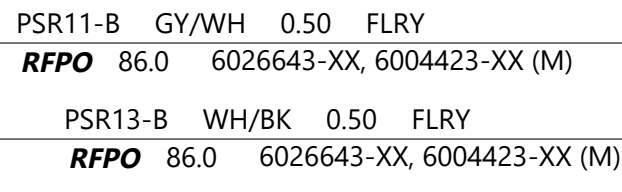
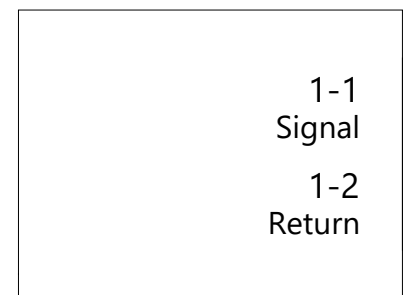


Z84-PSR11

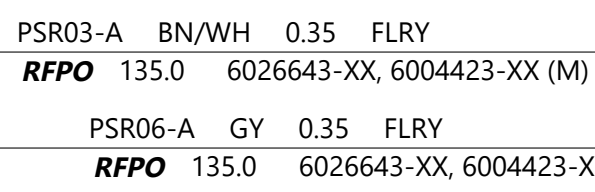
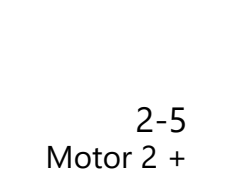


Z85-PSR13

RFPO  
Sunroof Anti Pinch 2  
M X407

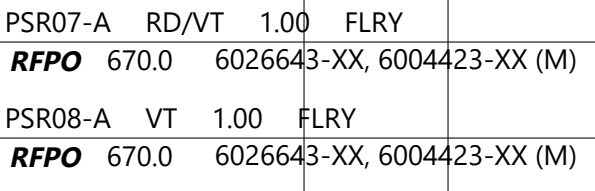


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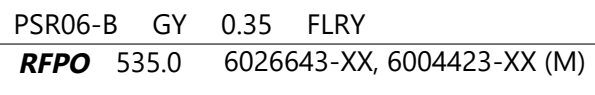
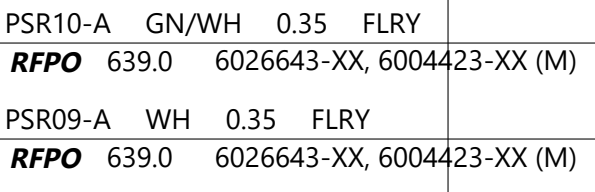
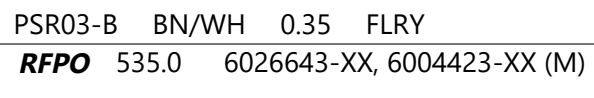
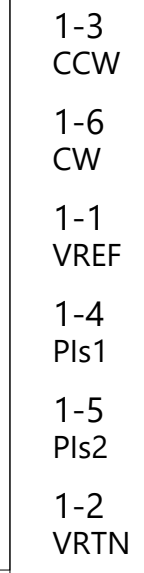


Z67-PSR03

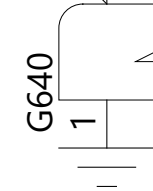
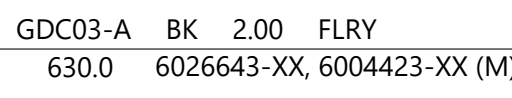
Z68-PSR06



RFPO  
Sunroof Motor RH  
M X403



X403



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DRAWN	CHECKED	APPROVED

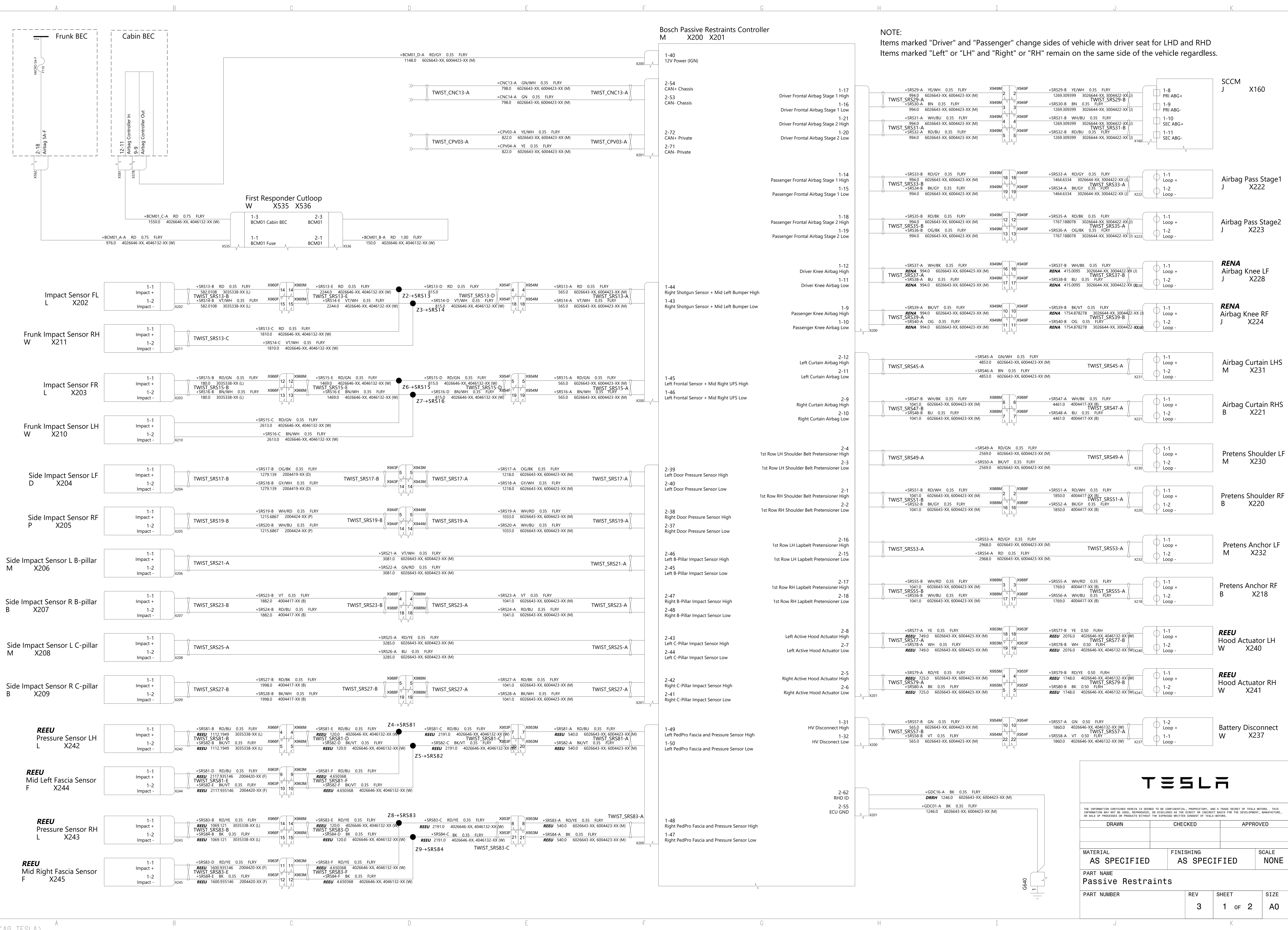
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
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PART NAME Panoramic Sunroof			
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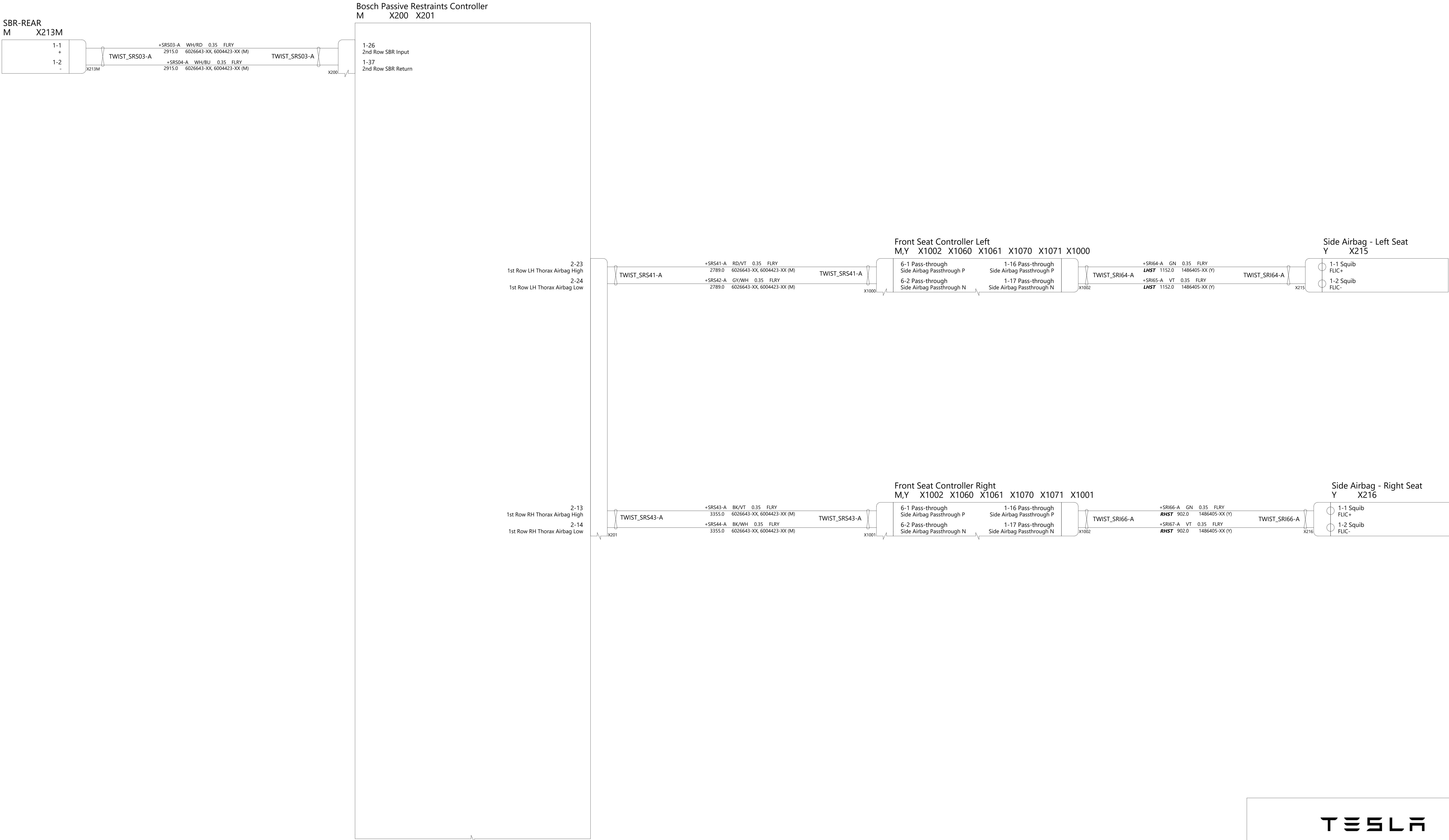
PART NUMBER	REV	SHEET	SIZE
	1	1 of 1	A0







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DRAWN		CHECKED	
		APPROVED	
MATERIAL AS SPECIFIED		FINISHING AS SPECIFIED	
		SCALE NONE	
PART NAME Passive Restraints			
PART NUMBER		REV 3	SHEET 1 OF 2
			SIZE A0



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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME Passive Restraints Seats		
PART NUMBER	REV 4	SHEET 2 OF 2
		SIZE A0

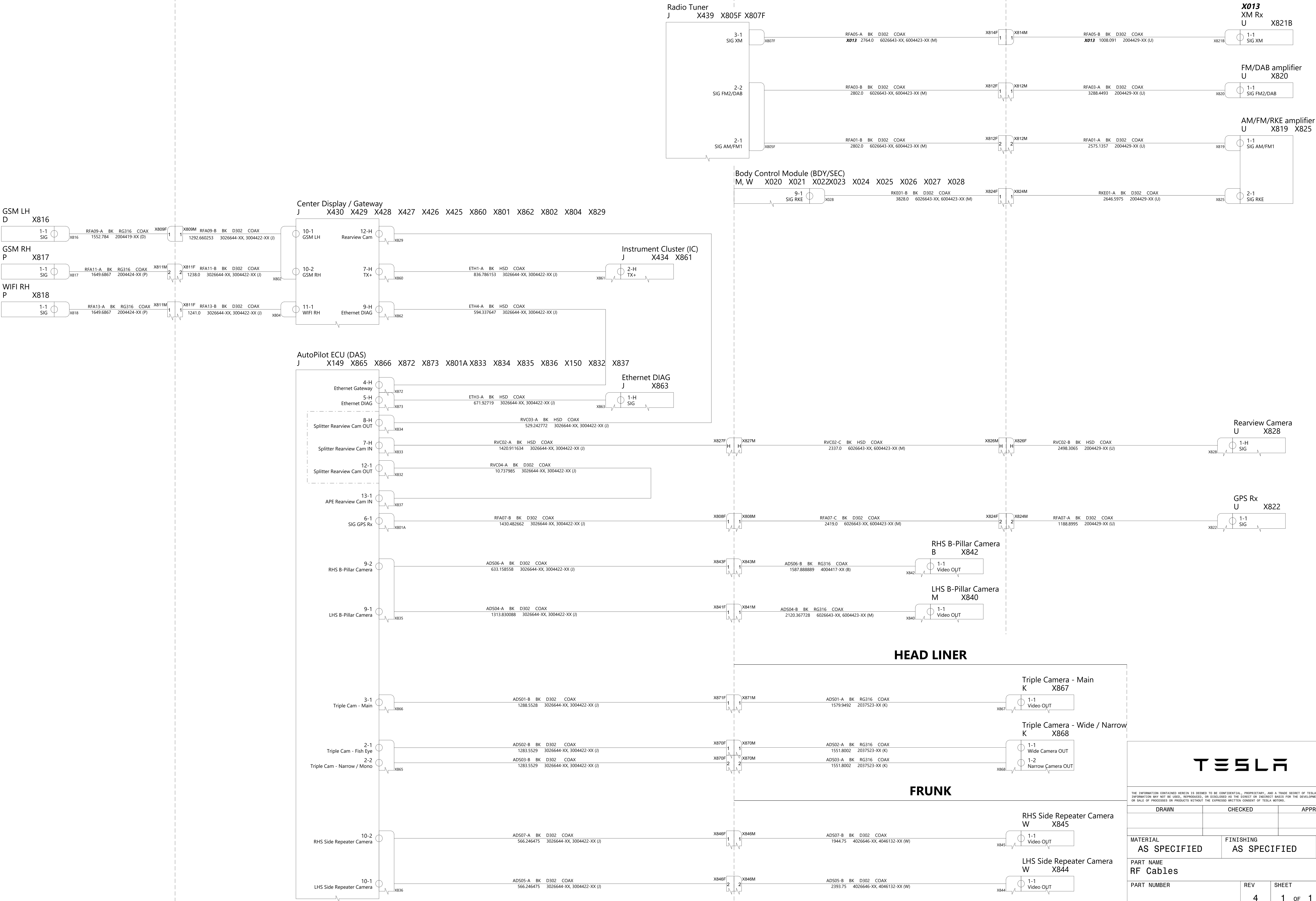


DOORS

I/P

BODY

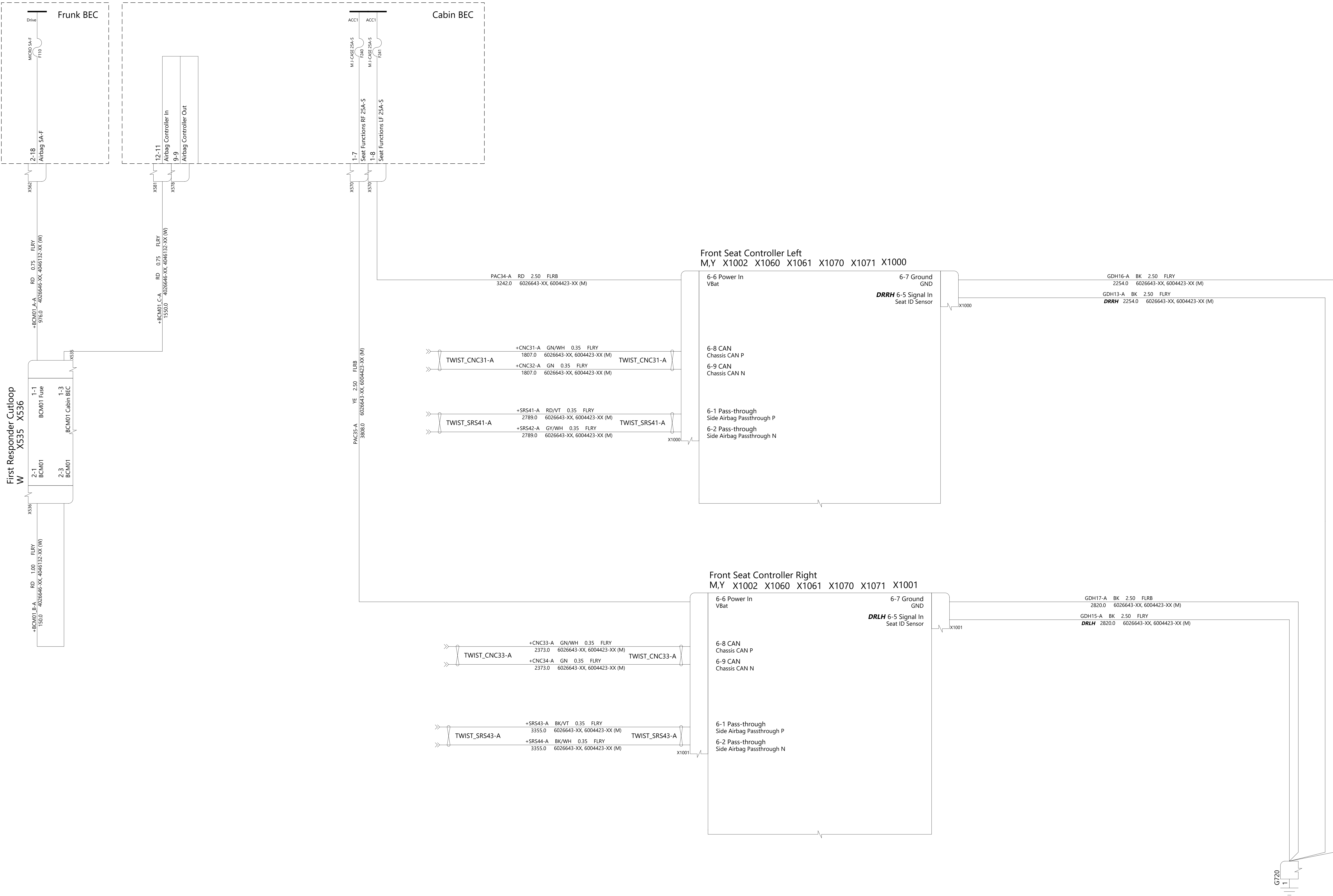
LIFTGATE



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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 A0





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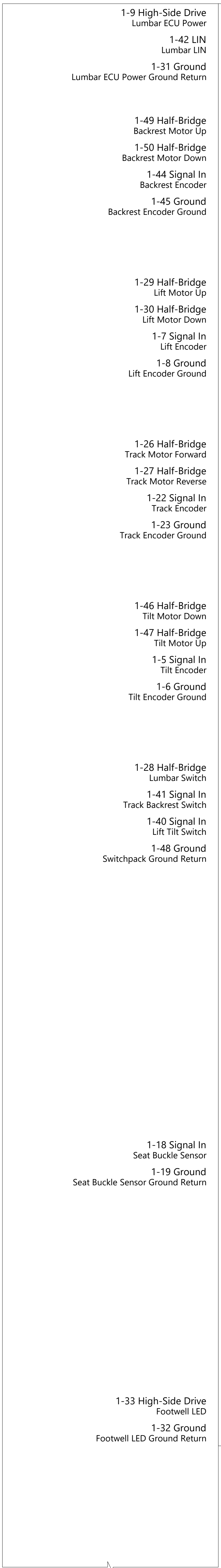
DRAWN	CHECKED	APPROVED

MATERIAL	FINISHING	SCALE
AS SPECIFIED	AS SPECIFIED	NONE

PART NAME
Seat - Front Interface

PART NUMBER	REV	SHEET	SIZE
	1	52 of 55	A0

Front Seat Controller - Common Seat-Side  
Y, M X1002 X1075 X1076 X1070 X1071 X1000/X1001



SCE01-A RD 0.35 FLRY  
904.0 1486405-XX (Y)

SCE02-A BN 0.35 FLRY  
904.0 1486405-XX (Y)

SCE03-A BK 0.35 FLRY  
904.0 1486405-XX (Y)

SCE09-A YE 0.75 FLRY  
1016.0 1486405-XX (Y)

SCE10-A BK 0.75 FLRY  
1016.0 1486405-XX (Y)

SCE11-A OG 0.35 FLRY  
967.0 1486405-XX (Y)

SEC12-A GY 0.35 FLRY  
967.0 1486405-XX (Y)

SCE13-A WH 0.75 FLRY  
229.0 1486405-XX (Y)

SCE14-A GN 0.75 FLRY  
229.0 1486405-XX (Y)

SCE15-A VT 0.35 FLRY  
218.0 1486405-XX (Y)

SCE16-A BK 0.35 FLRY  
218.0 1486405-XX (Y)

SCE17-A BU 1.00 FLRY  
399.0 1486405-XX (Y)

SCE18-A GY 1.00 FLRY  
399.0 1486405-XX (Y)

SCE19-A WH 0.35 FLRY  
380.0 1486405-XX (Y)

SCE20-A BN 0.35 FLRY  
380.0 1486405-XX (Y)

SCE27-A YE 0.75 FLRY  
490.0 1486405-XX (Y)

SCE28-A VT 0.75 FLRY  
490.0 1486405-XX (Y)

SCE29-A OG 0.35 FLRY  
466.0 1486405-XX (Y)

SCE30-A BU 0.35 FLRY  
466.0 1486405-XX (Y)

SCL21-A RD 0.35 FLRY  
**LHST** 857.0 1486405-XX (Y)

SCL22-A YE 0.35 FLRY  
**LHST** 857.0 1486405-XX (Y)

SCL23-A WH 0.35 FLRY  
**LHST** 857.0 1486405-XX (Y)

SCL24-A BU 0.35 FLRY  
**LHST** 857.0 1486405-XX (Y)

SCR21-A RD 0.35 FLRY  
**RHST** 674.0 1486405-XX (Y)

SCR22-A YE 0.35 FLRY  
**RHST** 674.0 1486405-XX (Y)

SCR23-A WH 0.35 FLRY  
**RHST** 674.0 1486405-XX (Y)

SCR24-A BU 0.35 FLRY  
**RHST** 674.0 1486405-XX (Y)

SCL25-A RD 0.35 FLRY  
**LHST** 611.0 1486405-XX (Y)

SCL26-A GN 0.35 FLRY  
**LHST** 611.0 1486405-XX (Y)

SCR25-A RD 0.35 FLRY  
**RHST** 446.0 1486405-XX (Y)

SCR26-A GN 0.35 FLRY  
**RHST** 446.0 1486405-XX (Y)

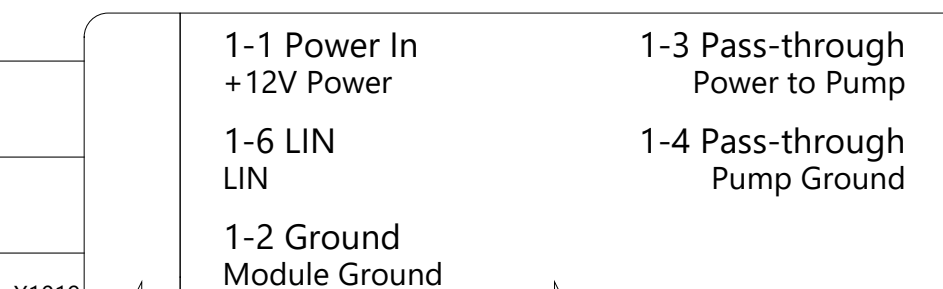
SCL31-A VT 0.35 FLRY  
**LHST** 446.0 1486405-XX (Y)

SCL32-A BN 0.35 FLRY  
**LHST** 446.0 1486405-XX (Y)

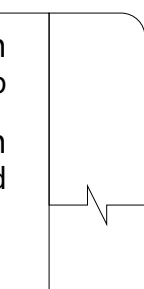
SCR31-A VT 0.35 FLRY  
**RHST** 238.0 1486405-XX (Y)

SCR32-A BN 0.35 FLRY  
**RHST** 238.0 1486405-XX (Y)

Lumbar  
Y X1019 X1027



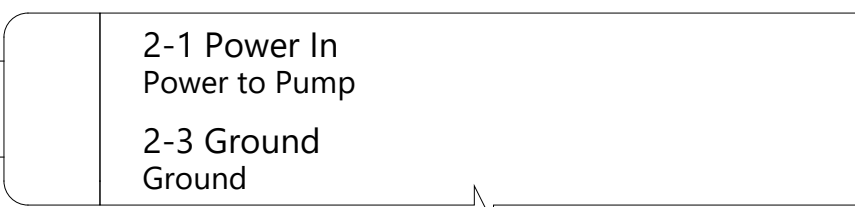
X1019



SCE04-A OG 0.35 FLRY  
303.0 1486405-XX (Y)

SCE05-A BU 0.35 FLRY  
303.0 1486405-XX (Y)

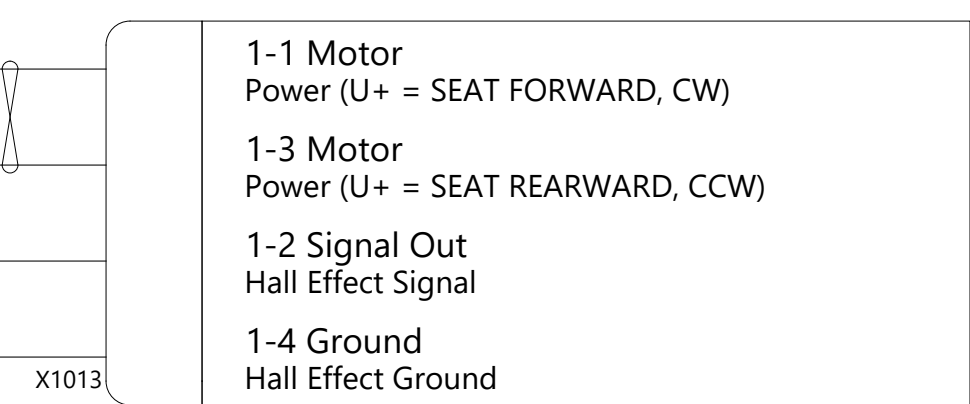
Lumbar  
Y X1019 X1027



X1027

Backrest Motor  
Y X1013

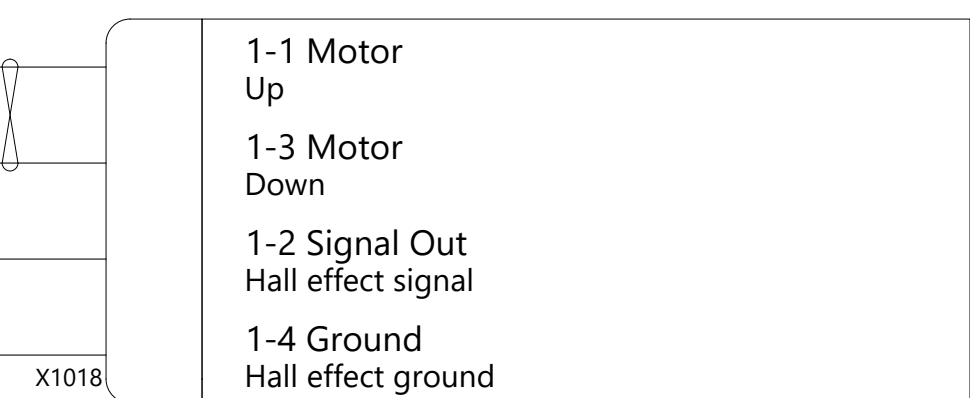
TWIST\_SCE09-A



X1013

Lift Motor  
Y X1018

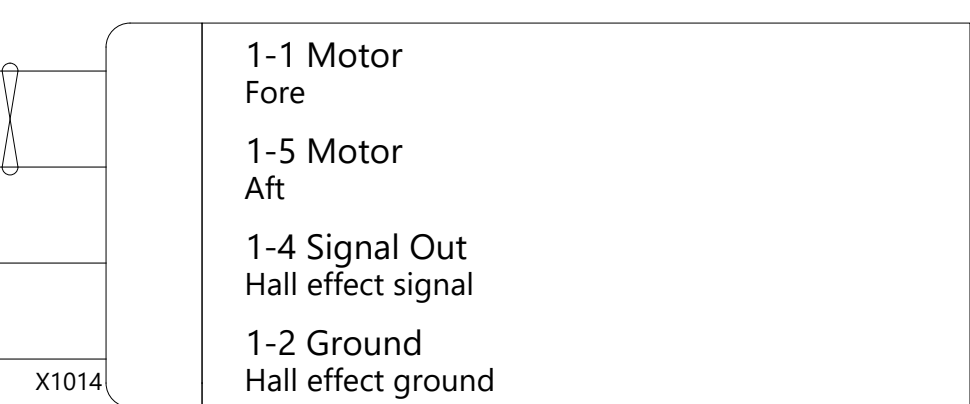
TWIST\_SCE13-A



X1018

Track Motor  
Y X1014

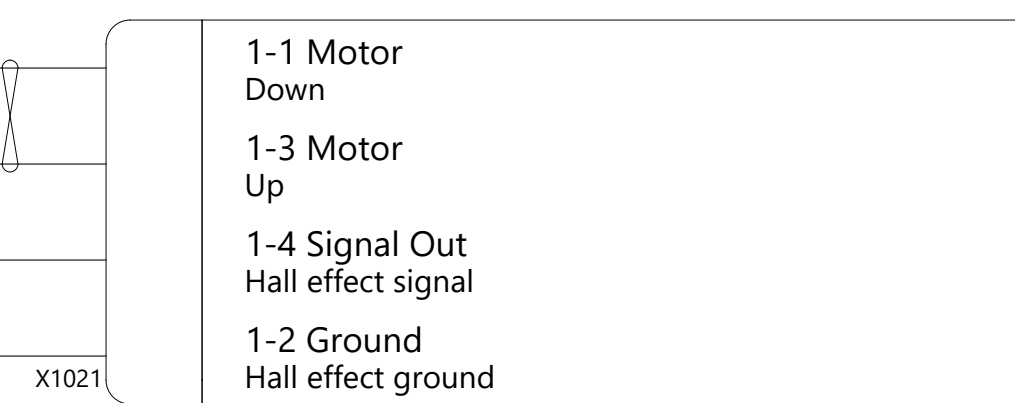
TWIST\_SCE17-A



X1014

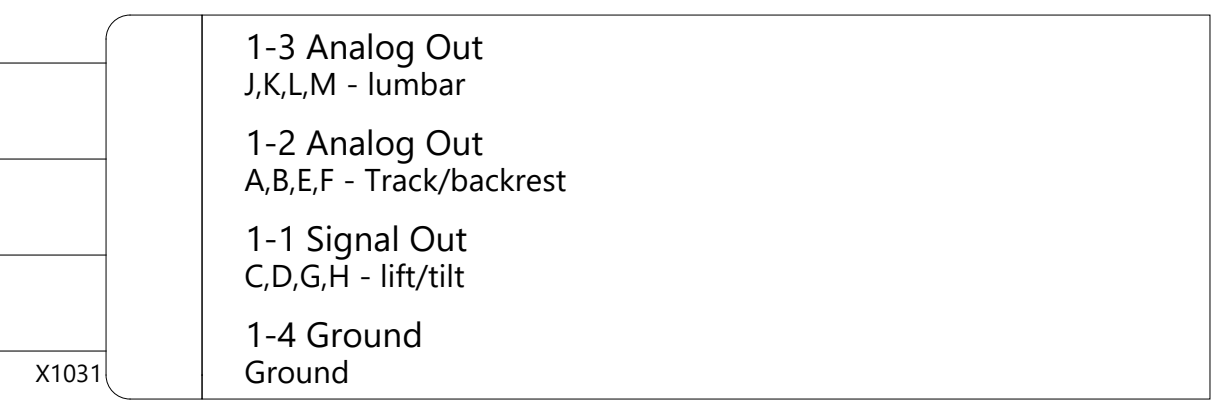
Tilt Motor  
Y X1021

TWIST\_SCE27-A



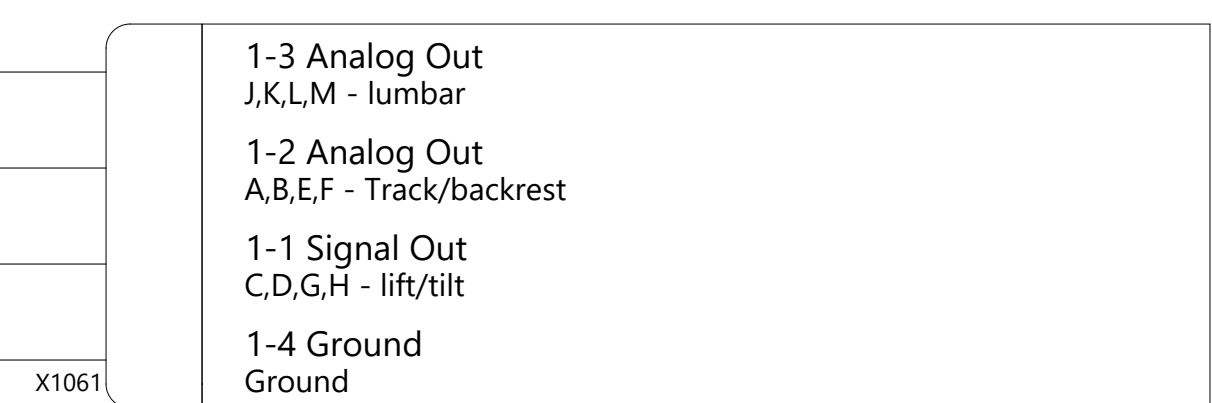
X1021

Seat Switchpack - Left Seat  
Y X1031



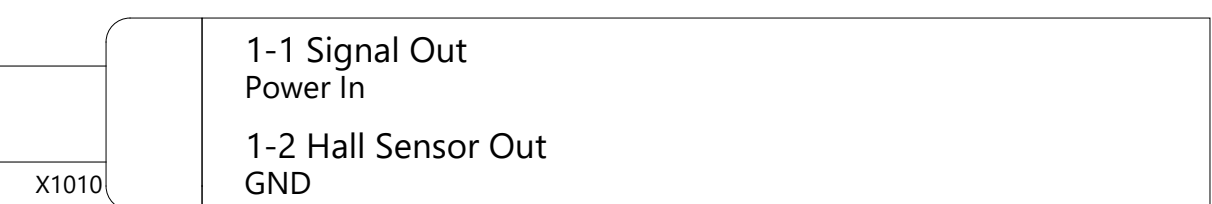
X1031

Seat Switchpack - Right Seat  
Y X1061



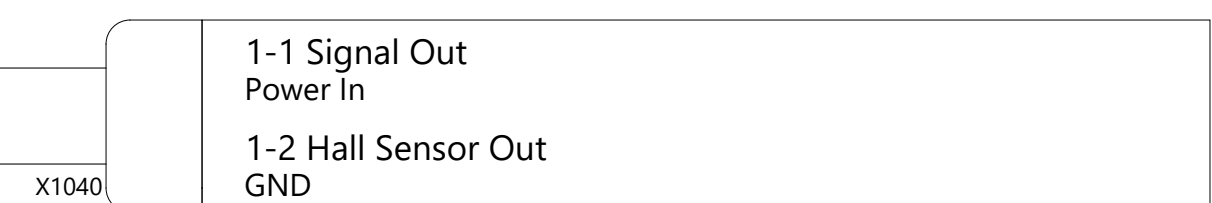
X1061

Seatbelt Buckle Sensor - Left Seat  
Y X1010



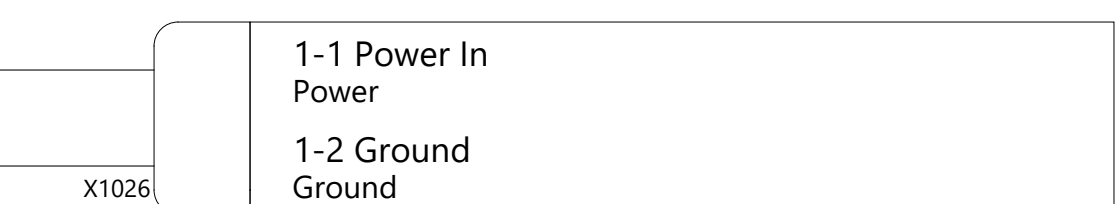
X1010

Seatbelt Buckle Sensor - Right Seat  
Y X1040



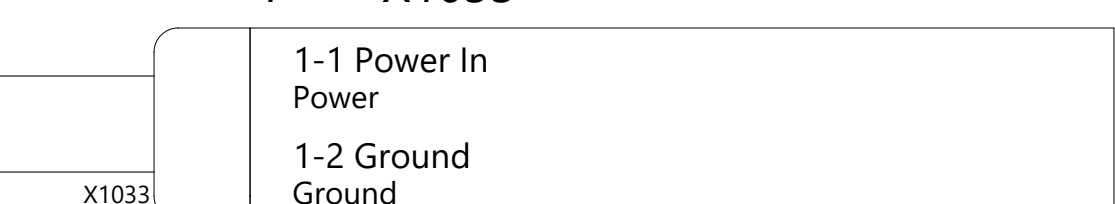
X1040

Footwell LED - Left Seat  
Y X1026



X1026

Footwell LED - Right Seat  
Y X1033



X1033

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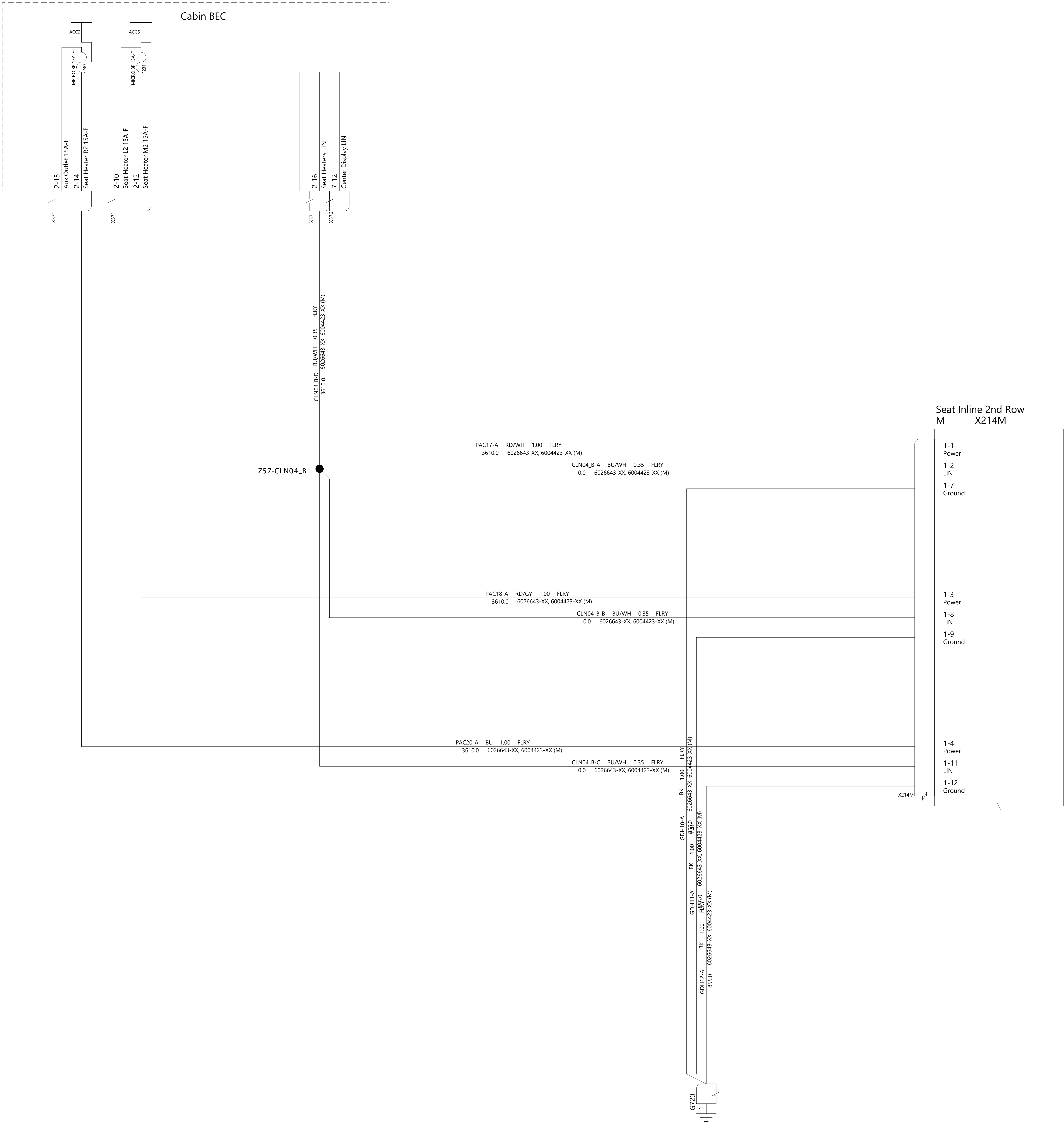
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MATERIAL	FINISHING	SCALE
AS SPECIFIED	AS SPECIFIED	NONE

PART NAME  
Seats - Front Internal 1/2

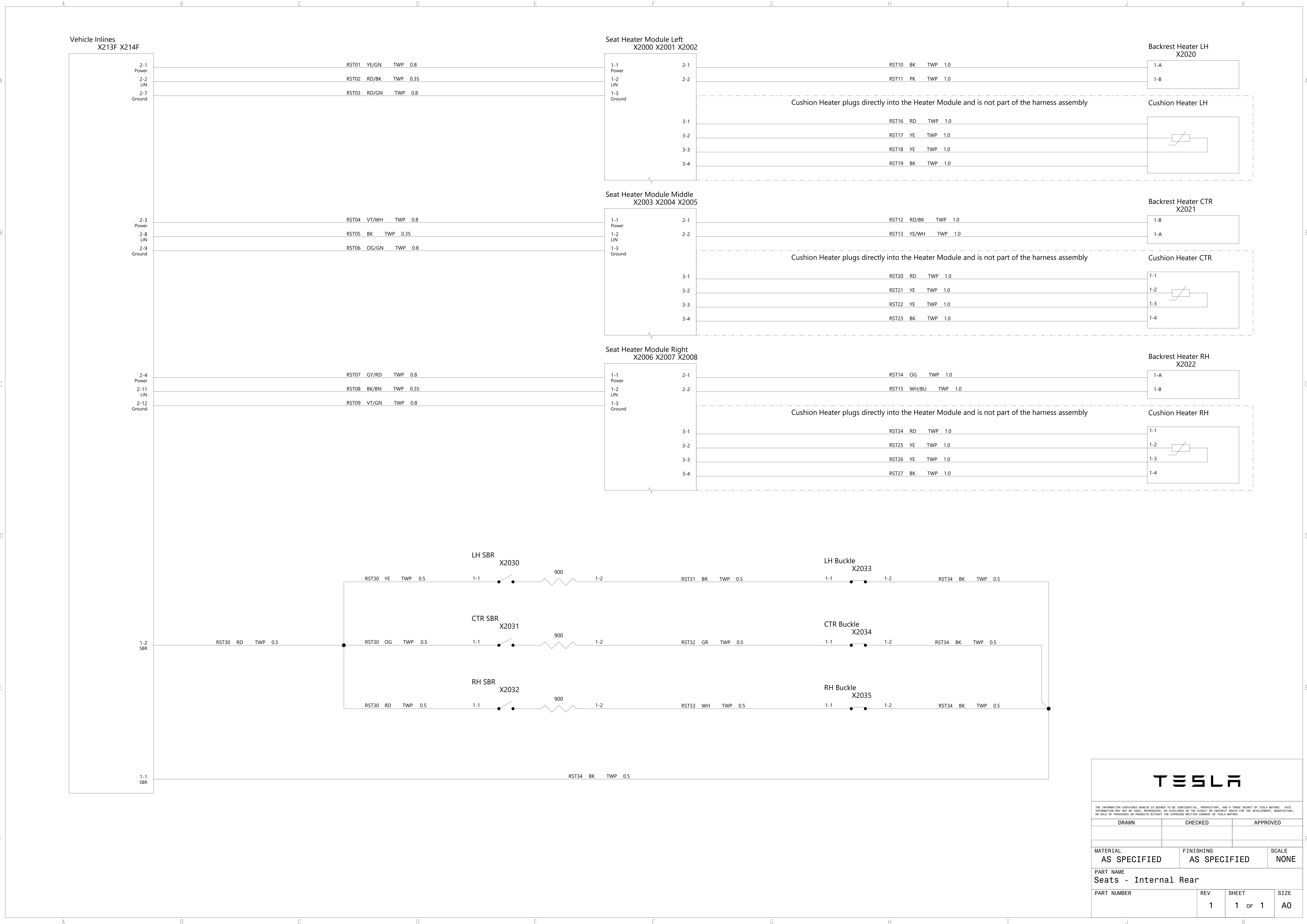
PART NUMBER	REV	SHEET	SIZE
	1	1 of 1	A0





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

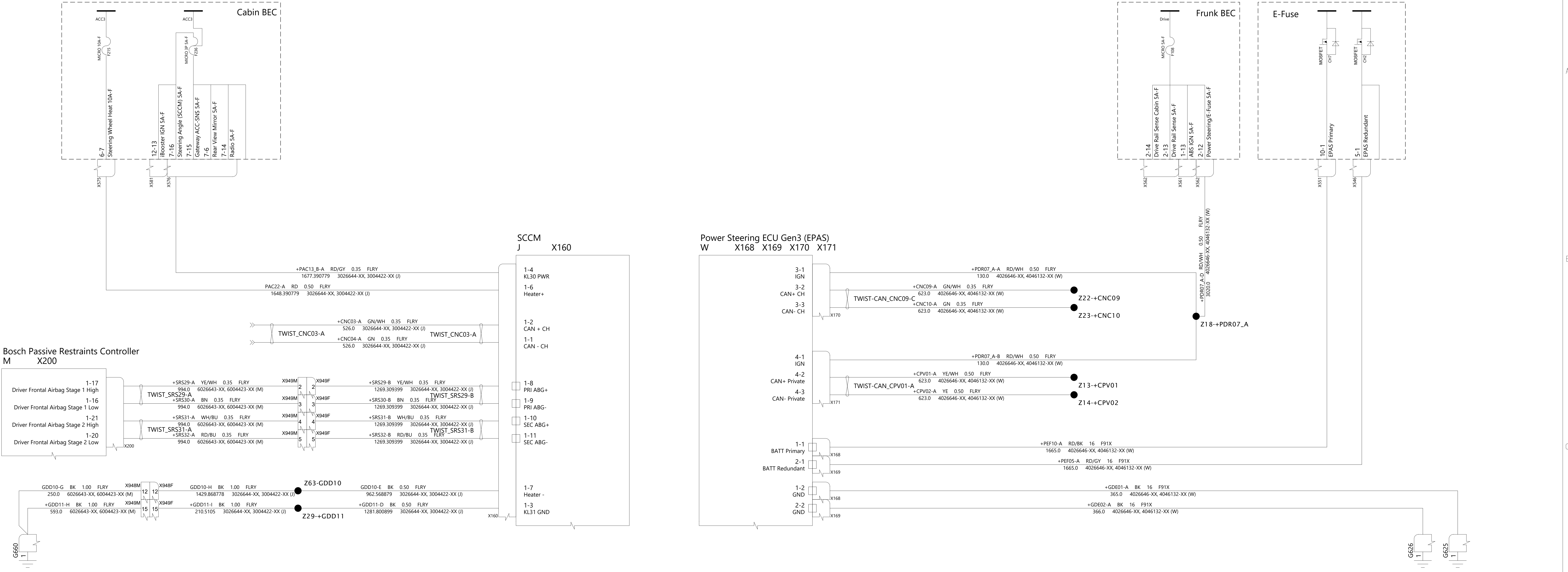
PART NAME  
Seats - Internal Rear

PART NUMBER

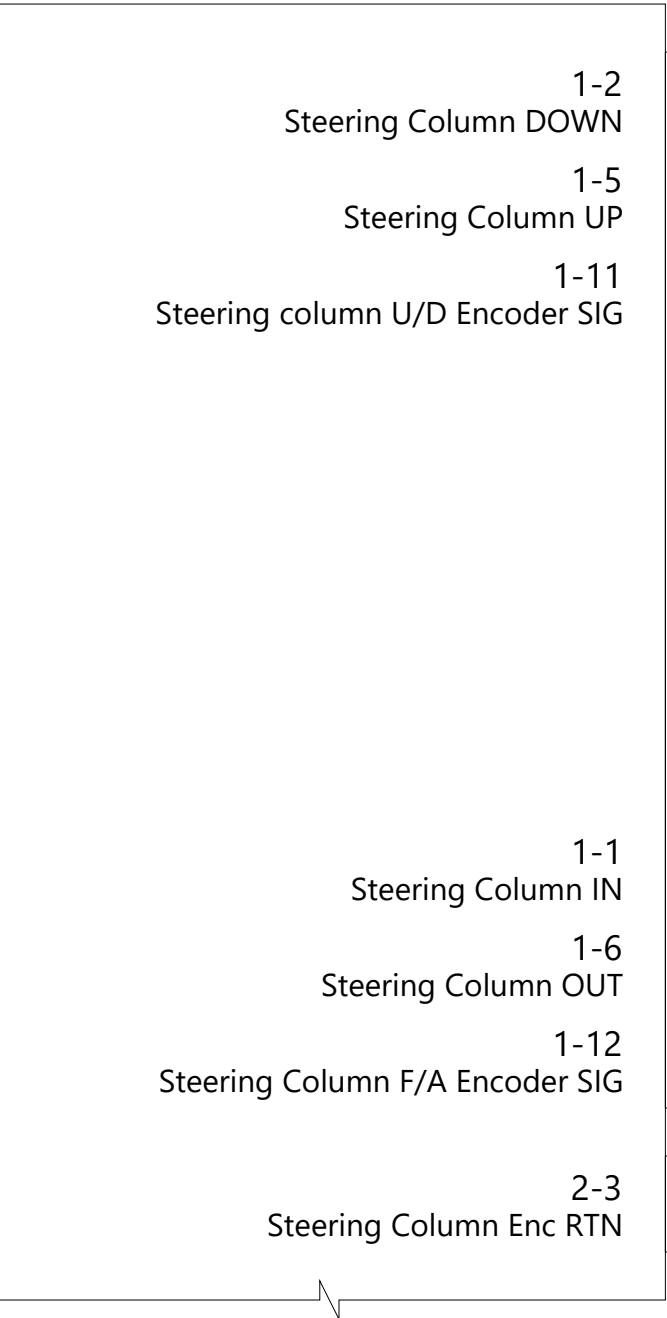
REV  
1

SHEET  
1 OF 1

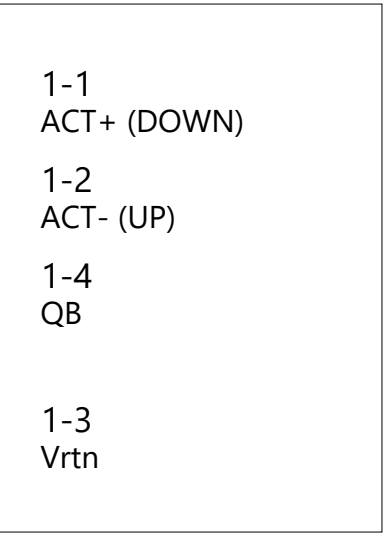
SIZE  
A0



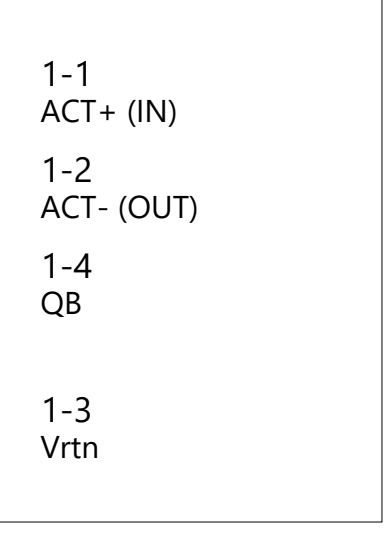
Sunroof Control Module (SUN)  
M X404 X405



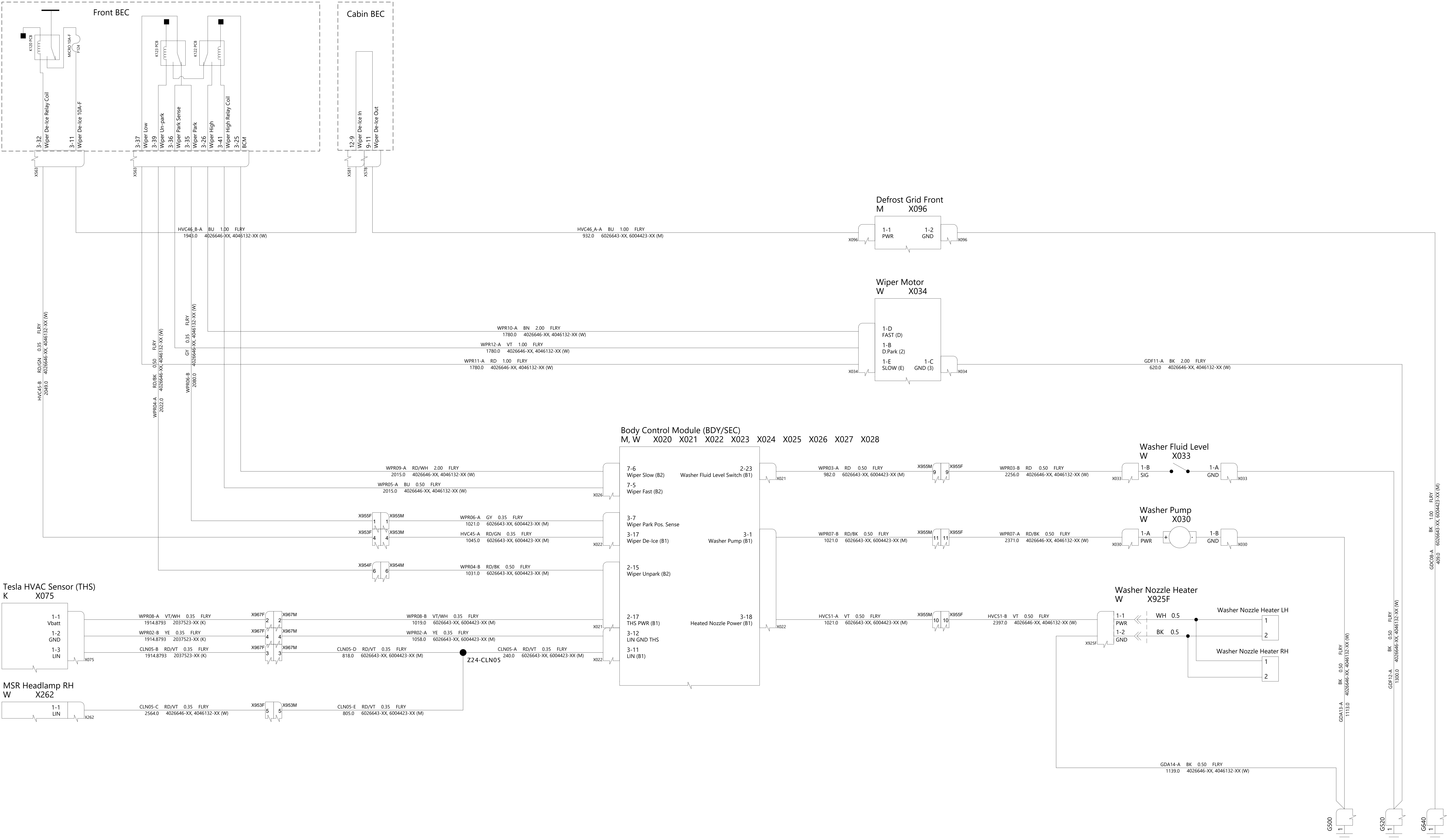
SC Adjust Motor Up/Down  
J X166



SC Adjust Motor Fore/Aft  
J X167



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DRAWN		CHECKED	
		APPROVED	
MATERIAL		FINISHING	
AS SPECIFIED		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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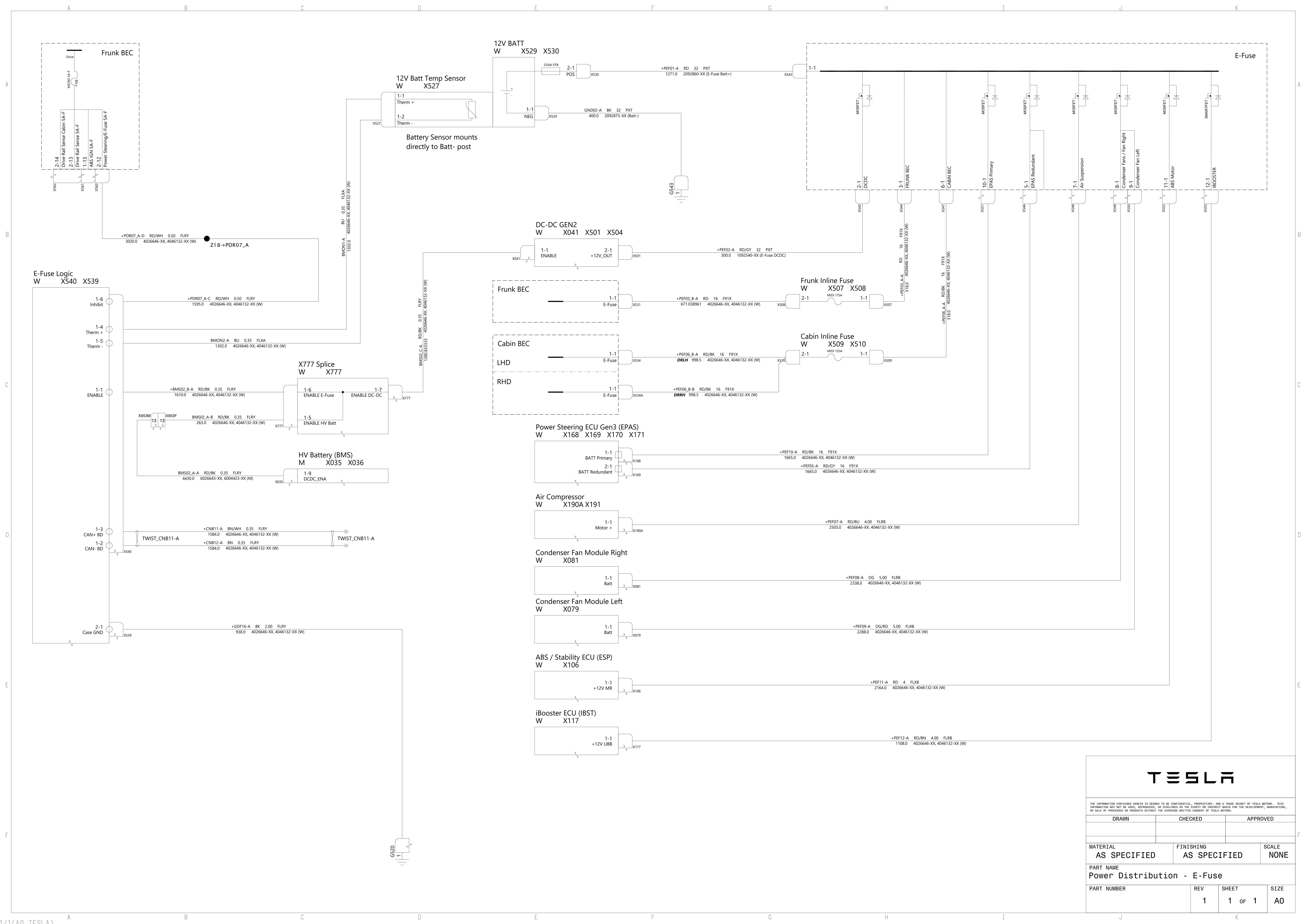
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DRAWN	CHECKED	APPROVED

MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
--------------------------	---------------------------	---------------

PART NAME  
Wiper/Washer and HVAC Sensor

PART NUMBER	REV	SHEET	SIZE
	3	1 OF 1	A0





Cabin BEC  
X571 X572 X573 X574 X575 X576 X577 X578 X579 X580 X581 X582

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 X025X026 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

W X535

Front BEC

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

TESLA

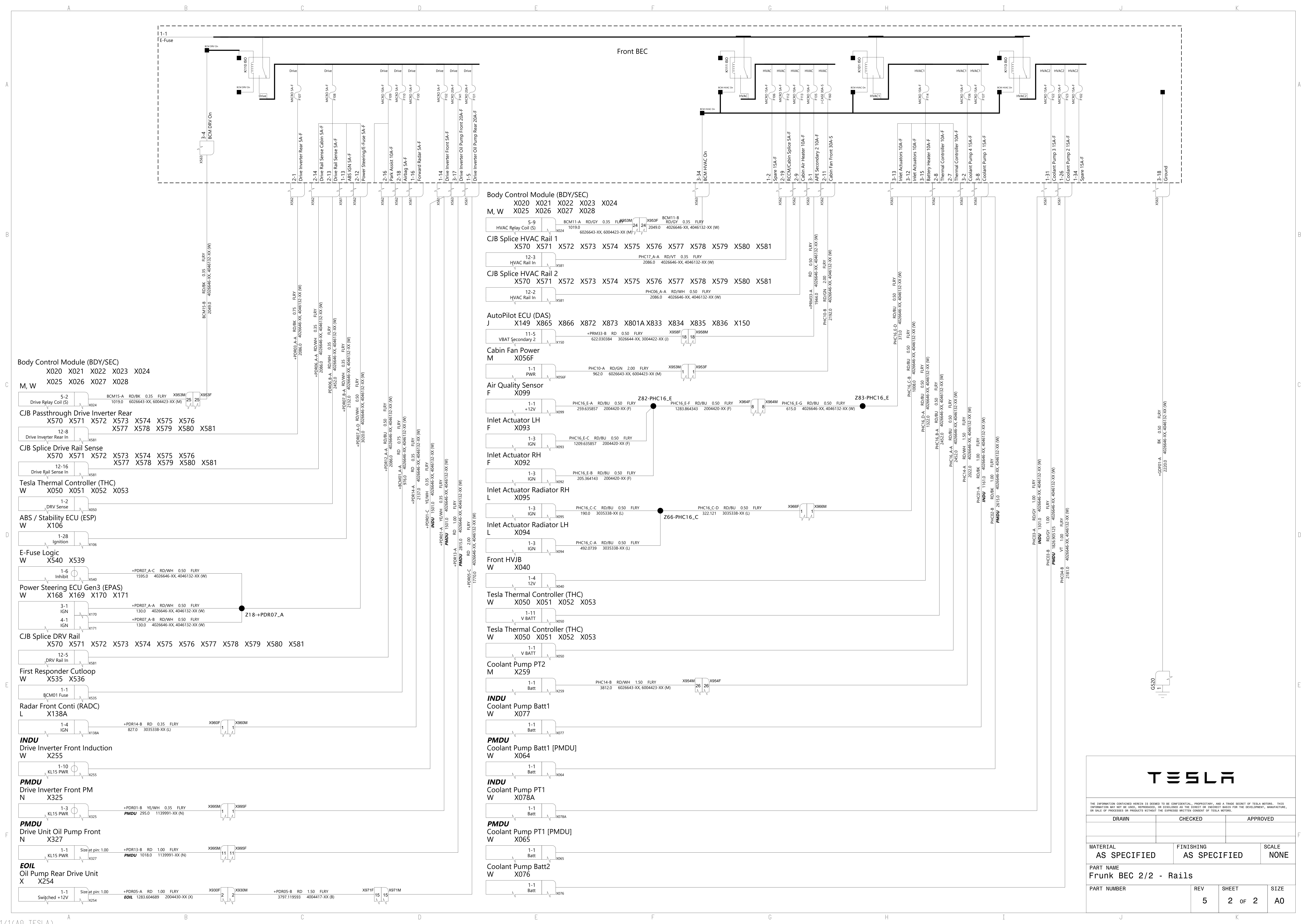
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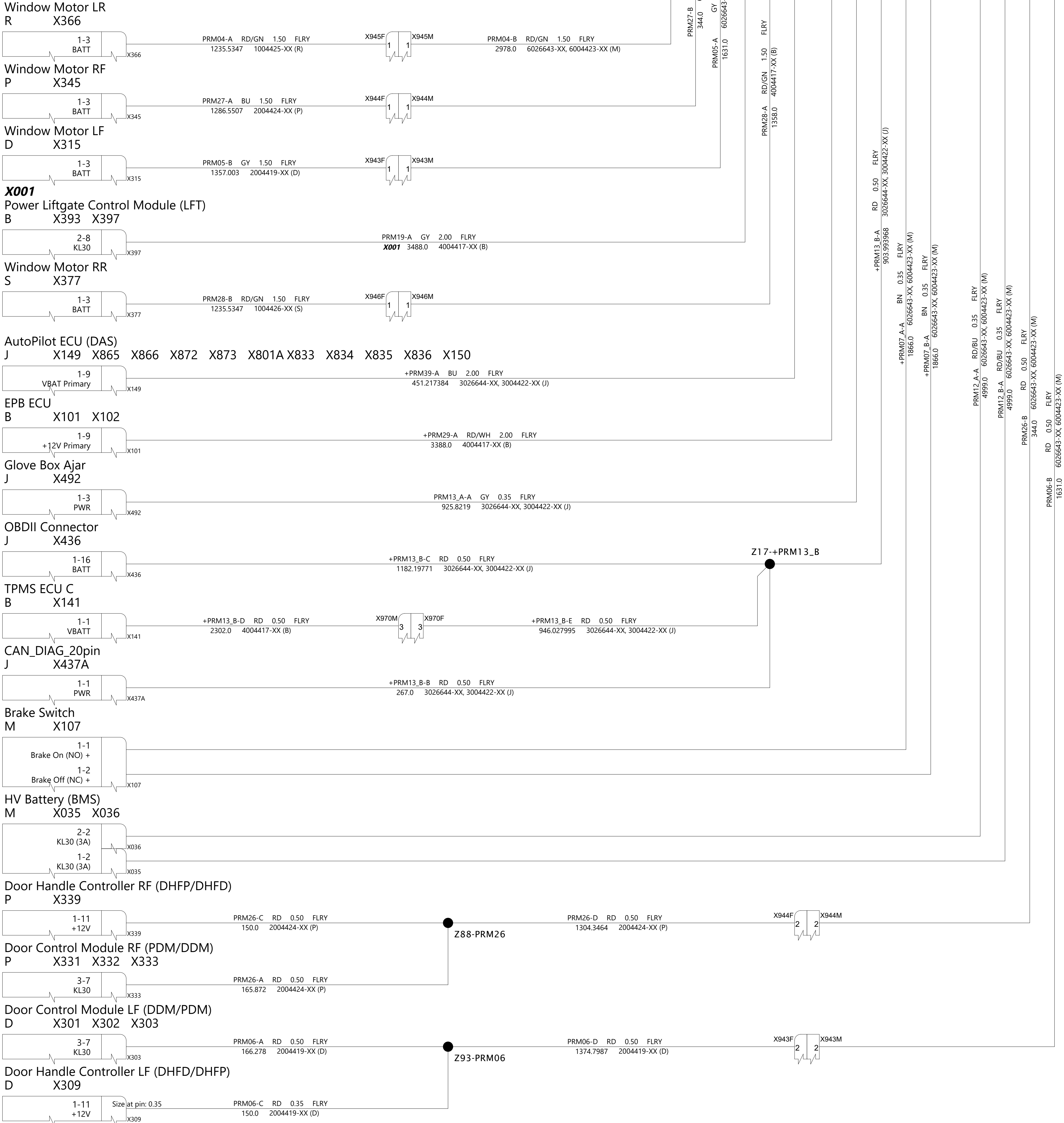
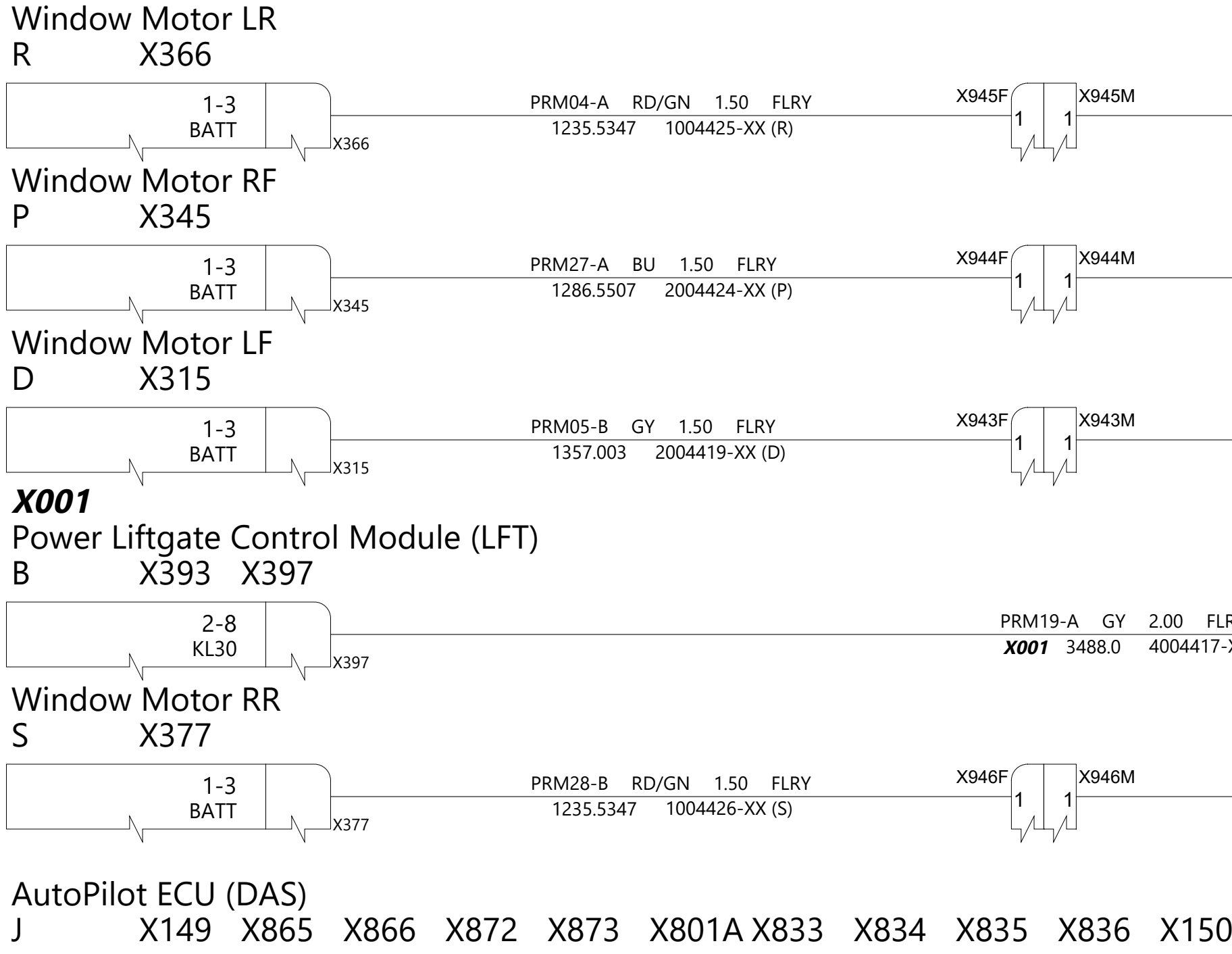
DRAWN	CHECKED	APPROVED

MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
--------------------------	---------------------------	---------------

PART NAME  
Frunk BEC 1/2 - Permanent

PART NUMBER	REV	SHEET	SIZE
	5	1 OF 2	A0





Cabin BEC

Door Handle Controller RR (DHRP/DHRD)  
S X369

Door Handle Controller LR (DHRD/DHRP)  
R X359

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

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

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

Charger Gen3 (CHG)  
B X042A

Charge Port ECU  
M X049

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

**INDU**  
Drive Inverter Front Induction  
W X255

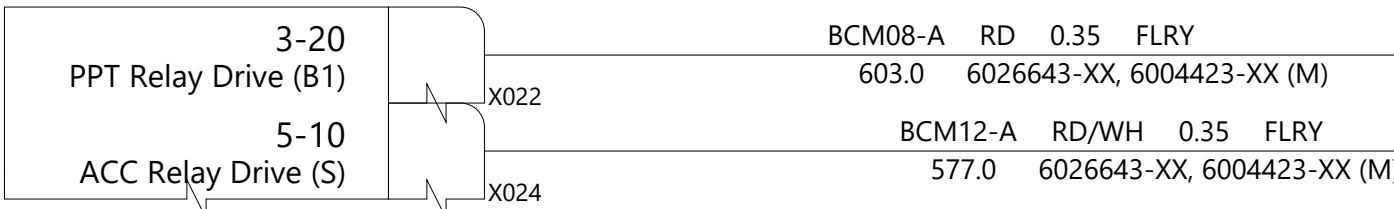
**PMDU**  
Drive Inverter Front PM  
N X325

iBooster ECU (IBST)  
W X117

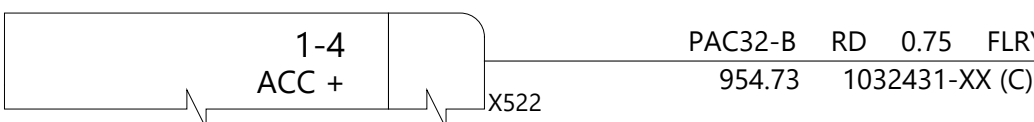
Instrument Cluster (IC)  
J X434 X861

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DRAWN		CHECKED		APPROVED
MATERIAL		FINISHING		SCALE
AS SPECIFIED		AS SPECIFIED		NONE
PART NAME				
Cabin BEC 1/3 - Permanent				
PART NUMBER		REV	SHEET	SIZE
		5	1 OF 3	A0

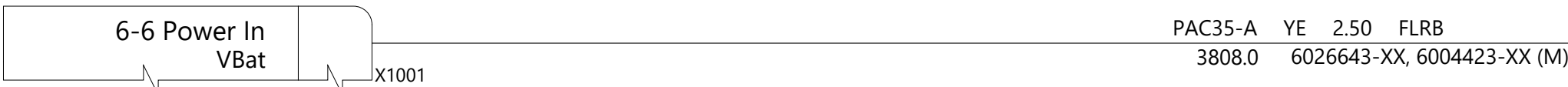
Body Control Module (BDY/SEC)  
M, W X020 X021 X022 X023 X024 X025 X026 X027 X028



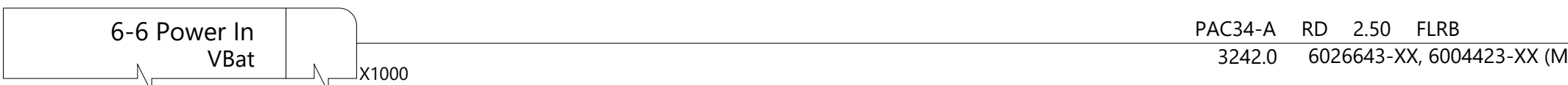
12V Outlet USB Hub  
C X522



Front Seat Controller Right  
M, Y X1002 X1060 X1061 X1070 X1071 X1001



Front Seat Controller Left  
M, Y X1002 X1060 X1061 X1070 X1071 X1000

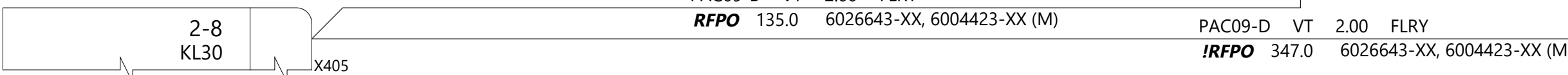


**RFPO**

Sunroof Tester  
M X919M



Sunroof Control Module (SUN)  
M X404 X405



Seat Inline 2nd Row  
M X214M



SCCM  
J X160



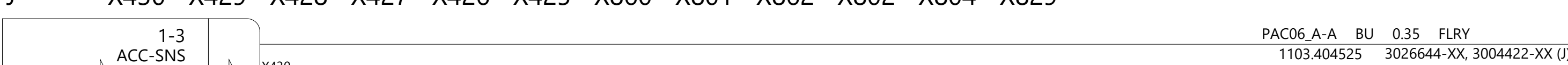
iBooster ECU (IBST)  
W X117



SCCM  
J X160



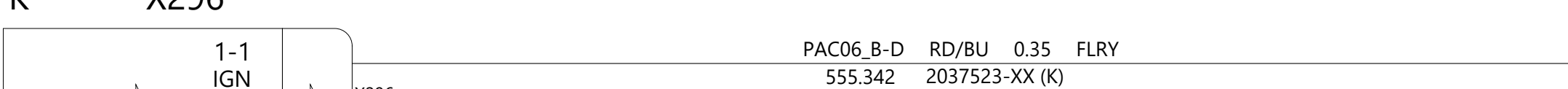
Center Display / Gateway  
J X430 X429 X428 X427 X426 X425 X860 X801 X862 X802 X804 X829



Rear View Mirror  
K X408A



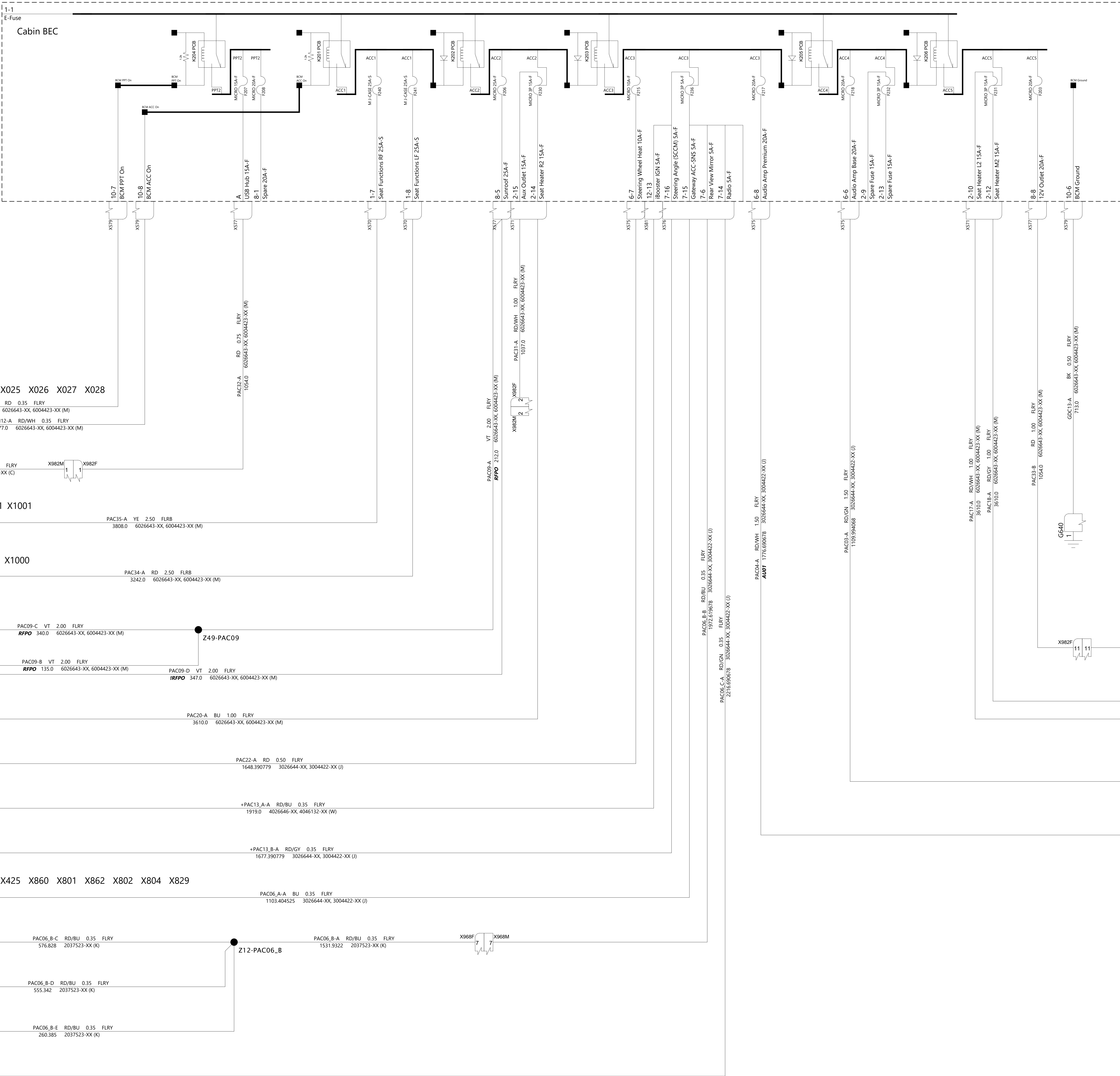
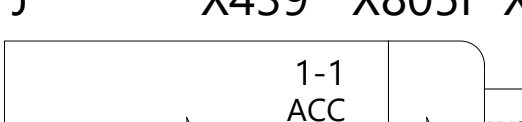
Vanity Light LF  
K X296



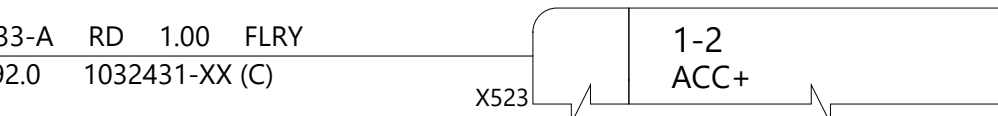
Vanity Light RF  
K X297



Radio Tuner  
J X439 X805F X807F



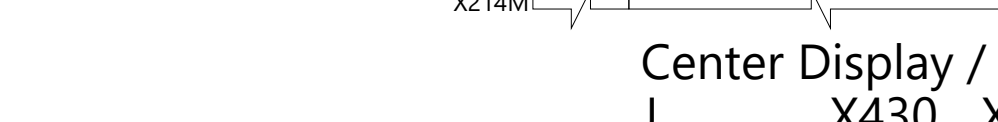
Aux 12V Power Socket  
C X523



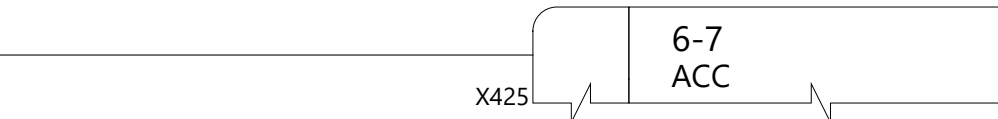
Seat Inline 2nd Row  
M X214M



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



**AU01**  
Booster Amplifier  
J X423 X424



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DRAWN	CHECKED	APPROVED

MATERIAL	FINISHING	SCALE
AS SPECIFIED	AS SPECIFIED	NONE

PART NAME  
Cabin BEC 2/3 - Rails

PART NUMBER	REV	SHEET	SIZE
	5	2 of 3	A0





A

B

C

D

E

F

141(A0\_TESLA)

ABS / Stability ECU (ESP)  
W X106

**INDU**  
Drive Inverter Front Induction  
W X255

Coolant Pump Batt2  
W X076

**PMDU**  
Drive Unit Oil Pump Front  
N X327

**PMDU**  
Drive Inverter Front PM  
N X325

**PMDU**  
Coolant Pump Batt1 [PMDU]  
W X064

**INDU**  
Coolant Pump PT1  
W X078A

MSR Headlamp LH  
W X261

Condenser Fan Module Left  
W X079

Four-way Valve  
W X073A

Chiller EXV  
W X072A

**REEU**  
Siren Module  
W X487

Washer Pump  
W X030

Washer Nozzle Heater  
W X925F

**HMLK**  
Homelink  
L X435A

Frunk Int. Release  
L X383

Cargo Light Front  
L X288

Inlet Actuator Radiator LH  
L X094

Inlet Actuator Radiator RH  
L X095

Radar Front Conti (RADC)  
L X138A

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

+GDA01-A BK 4 FLXB  
1048.0 4026646-XX,4046132-XX (W)

+GDA02-A BK 1.50 FLRY  
1048.0 4026646-XX,4046132-XX (W)

+GDA04-C BK/GY 0.50 FLRY  
**INDU** 833.0 4026646-XX,4046132-XX (W)

+GDA16-A BK 0.50 FLRY  
**INDU** 833.0 4026646-XX,4046132-XX (W)

GDA06-B BK 1.00 FLRY  
1097.0 4026646-XX,4046132-XX (W)

+GDA03-B BK 1.00 FLRY  
**PMDU** 1018.0 1139991-XX (N)

+GDA03-A BK 1.50 FLRY  
**PMDU** 833.0 4026646-XX,4046132-XX (W)

+GDA04-B BK/GY 0.50 FLRY  
**PMDU** 295.0 1139991-XX (N)

+GDA04-A BK/GY 0.50 FLRY  
**PMDU** 833.0 4026646-XX,4046132-XX (W)

GDA05-B BK 1.00 FLRY  
**PMDU** 633.0 4026646-XX,4046132-XX (W)

GDA05-A BK 1.00 FLRY  
**INDU** 633.0 4026646-XX,4046132-XX (W)

GDA07-A BK 1.00 FLRY  
0.0 4026646-XX,4046132-XX (W)

GDA07-B BK 1.00 FLRY  
0.0 4026646-XX,4046132-XX (W)

GDA07-C BK 1.00 FLRY  
1341.0 4026646-XX,4046132-XX (W)

GDA09-A BK 5.00 FLRB  
1172.0 4026646-XX,4046132-XX (W)

GDA10-A BK 0.35 FLRY  
892.0 4026646-XX,4046132-XX (W)

GDA11-A BK 0.50 FLRY  
1158.0 4026646-XX,4046132-XX (W)

GDA12-A BK 0.35 FLRY  
**REEU** 931.0 4026646-XX,4046132-XX (W)

GDA13-A BK 0.50 FLRY  
1113.0 4026646-XX,4046132-XX (W)

GDA14-A BK 0.50 FLRY  
1139.0 4026646-XX,4046132-XX (W)

+GDA15-D BK 0.35 FLRY  
**HMLK** 385.0739 3035338-XX (L)

+GDA15-I BK 0.50 FLRY  
367.0 3035338-XX (L)

+GDA15-H BK 0.50 FLRY  
1053.0 4026646-XX,4046132-XX (W)

+GDA15-E BK 0.50 FLRY  
324.957 3035338-XX (L)

+GDA15-A BK 0.35 FLRY  
258.957 3035338-XX (L)

+GDA15-C BK 0.50 FLRY  
277.0 3035338-XX (L)

+GDA15-F BK 0.50 FLRY  
405.0739 3035338-XX (L)

+GDA15-G BK 0.35 FLRY  
460.0 3035338-XX (L)

+GDE01-A BK 16 F91X  
365.0 4026646-XX,4046132-XX (W)

+GDE02-A BK 16 F91X  
366.0 4026646-XX,4046132-XX (W)

+GDB03-A BK 4.00 FLRB  
707.0 4026646-XX,4046132-XX (W)

GDB04-A BK 0.75 FLRY  
384.0 4026646-XX,4046132-XX (W)

GDB05-A BK 0.75 FLRY  
384.0 4026646-XX,4046132-XX (W)

GDB06-C BK 1.00 FLRY  
637.0 4026646-XX,4046132-XX (W)

GDB09-A BK 5.00 FLRB  
542.0 4026646-XX,4046132-XX (W)

GDB08-A BK 1.00 FLRY  
**INDU** 537.0 4026646-XX,4046132-XX (W)

GDB08-B BK 1.00 FLRY  
**PMDU** 414.905125 4026646-XX,4046132-XX (W)

GDB10-A BK 0.35 FLRY  
607.0 4026646-XX,4046132-XX (W)

GDB11-A BK 3.00 FLRB  
1149.0 4026646-XX,4046132-XX (W)

GDB12-A BK 0.35 FLRY  
1045.0 4026646-XX,4046132-XX (W)

+GDB02-A BK 0.75 FLRY  
364.0 4026646-XX,4046132-XX (W)

+GDB02-B BK 0.75 FLRY  
2823.9994 2004420-XX (F)

+GDB02-F BK 0.50 FLRY  
1745.4992 2004420-XX (F)

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497.2568 2004420-XX (F)

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520.4992 2004420-XX (F)

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2559.0782 2004420-XX (F)

+GDB02-E BK 0.50 FLRY  
1400.4992 2004420-XX (F)

Air Compressor  
W X190A X191

Horn 1  
L X484A X484B

Horn 2  
L X485A X485B

MSR Headlamp RH  
W X262

Condenser Fan Module Right  
W X081

**INDU**  
Coolant Pump Batt1  
W X077

**PMDU**  
Coolant Pump PT1 [PMDU]  
W X065

Radiator Bypass Valve  
W X071

HVAC Compressor  
W X085A X086A

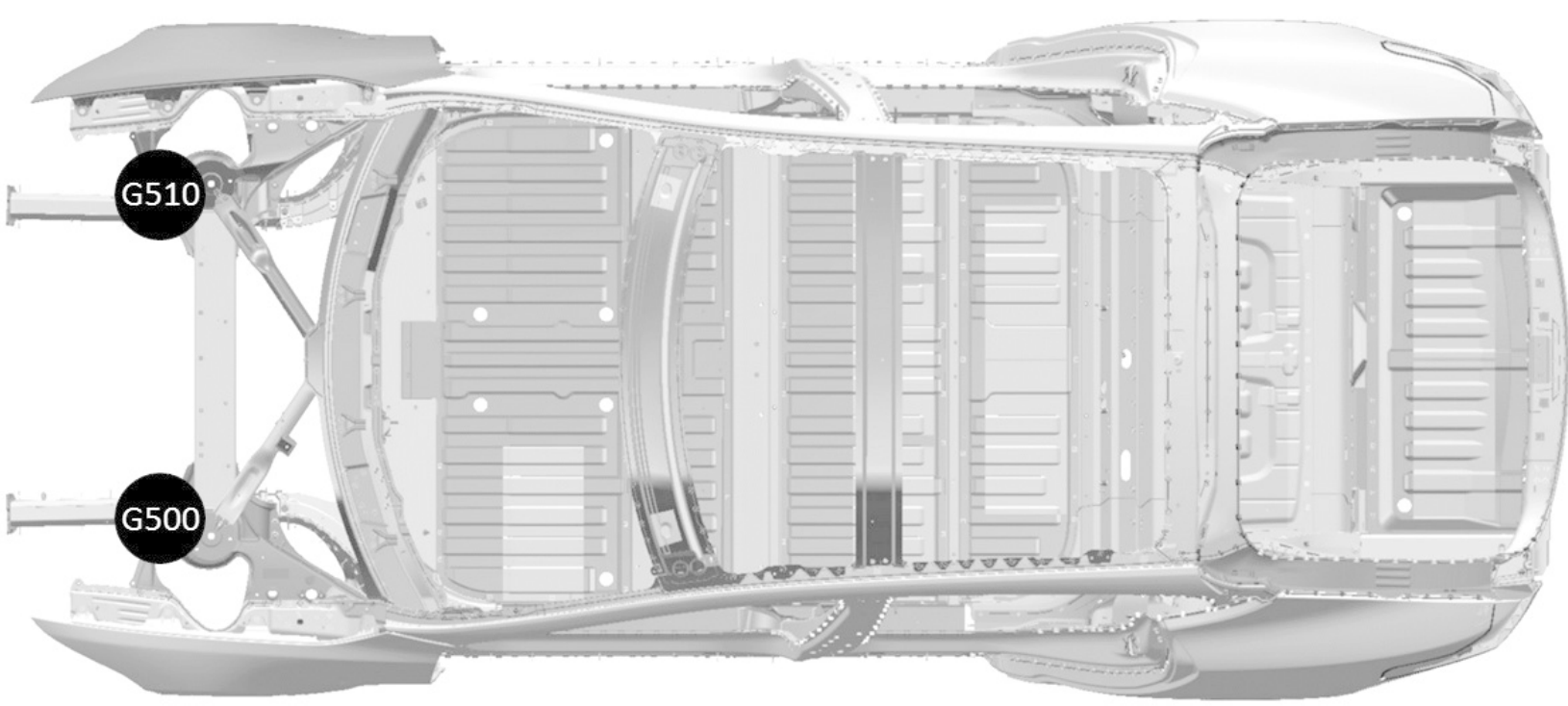
Inlet Actuator RH  
F X092

Fog Lamp LF  
F X265

Inlet Actuator LH  
F X093

Fog Lamp RF  
F X266

Air Quality Sensor  
F X099



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DRAWN

CHECKED

APPROVED

MATERIAL  
AS SPECIFIED

FINISHING  
AS SPECIFIED

SCALE  
NONE

PART NAME  
Grounding - Front Left & Right

PART NUMBER

REV

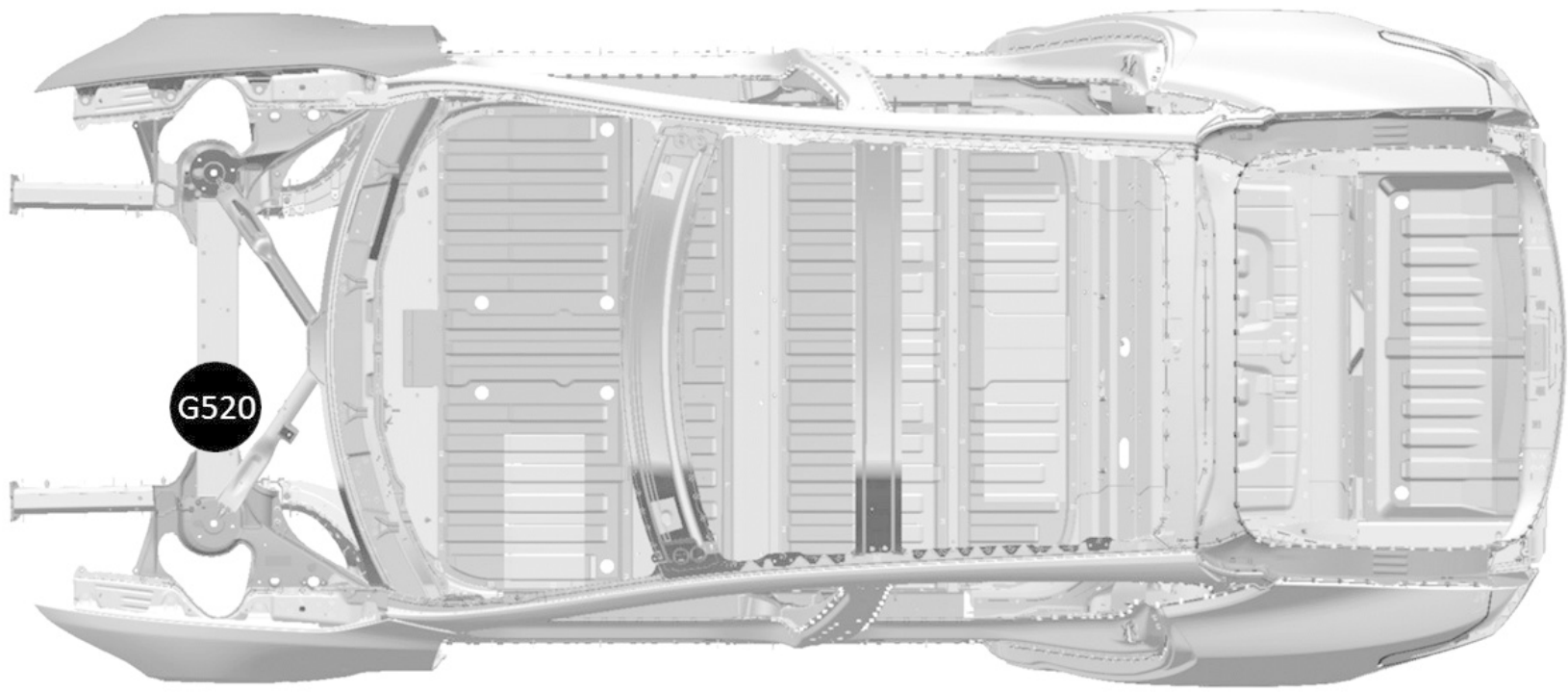
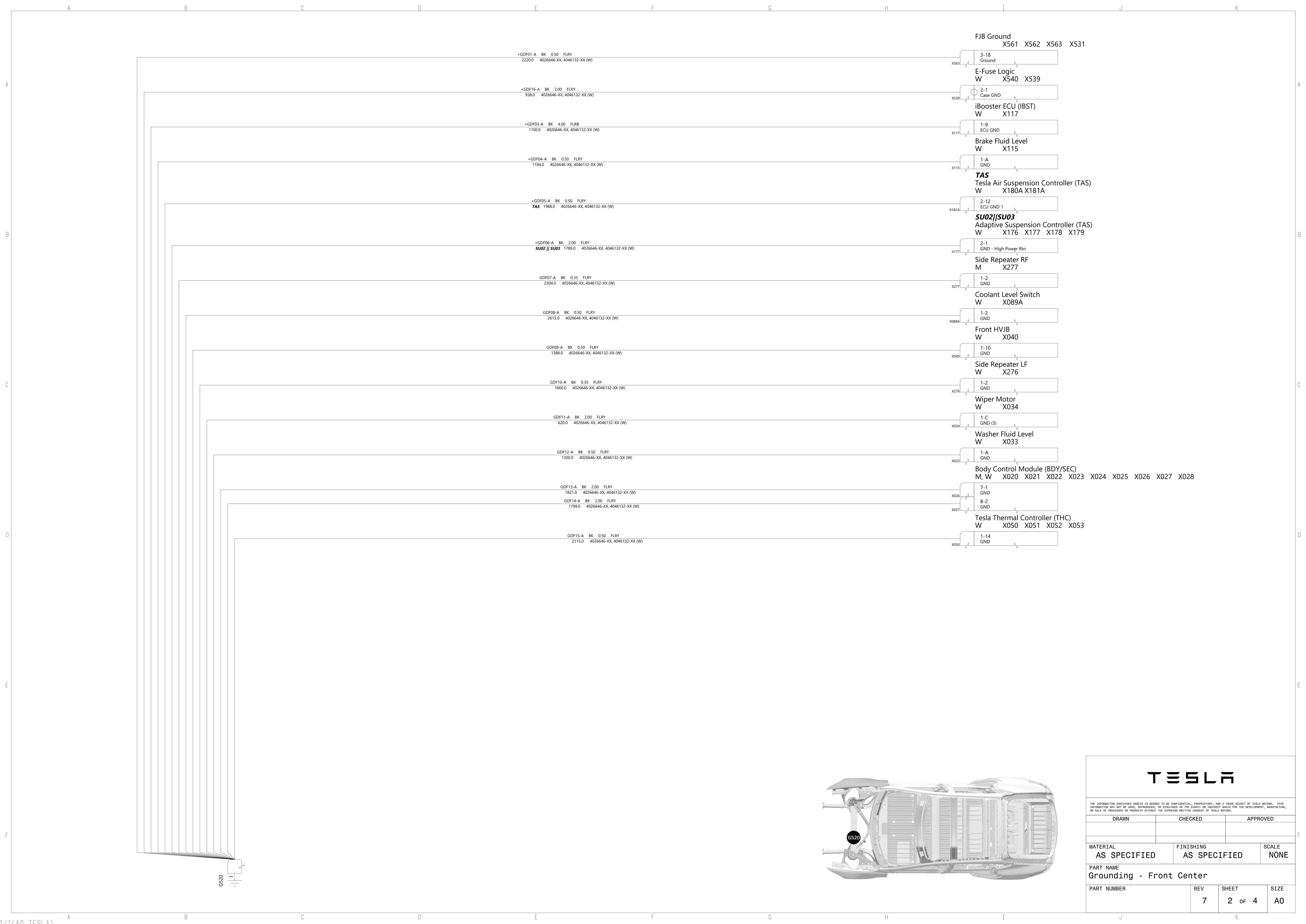
SHEET

SIZE

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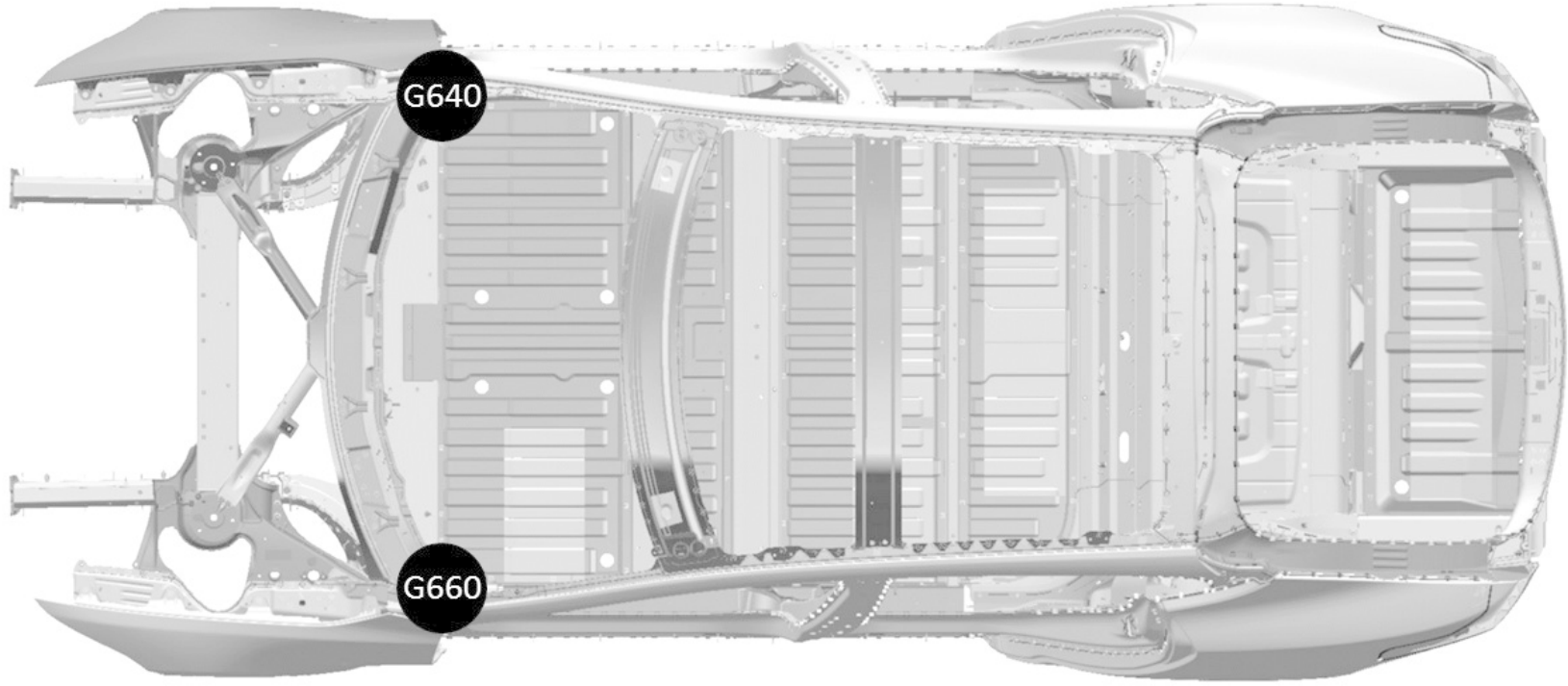
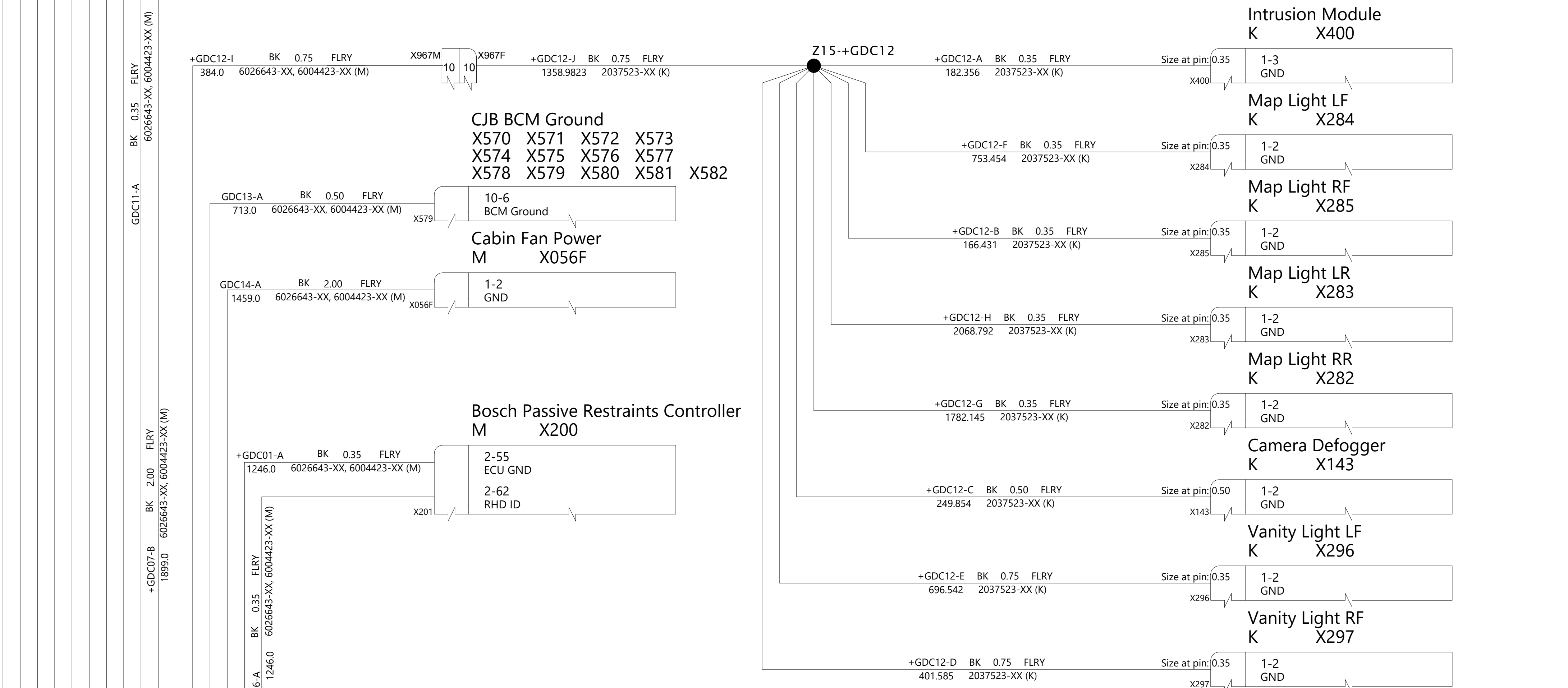
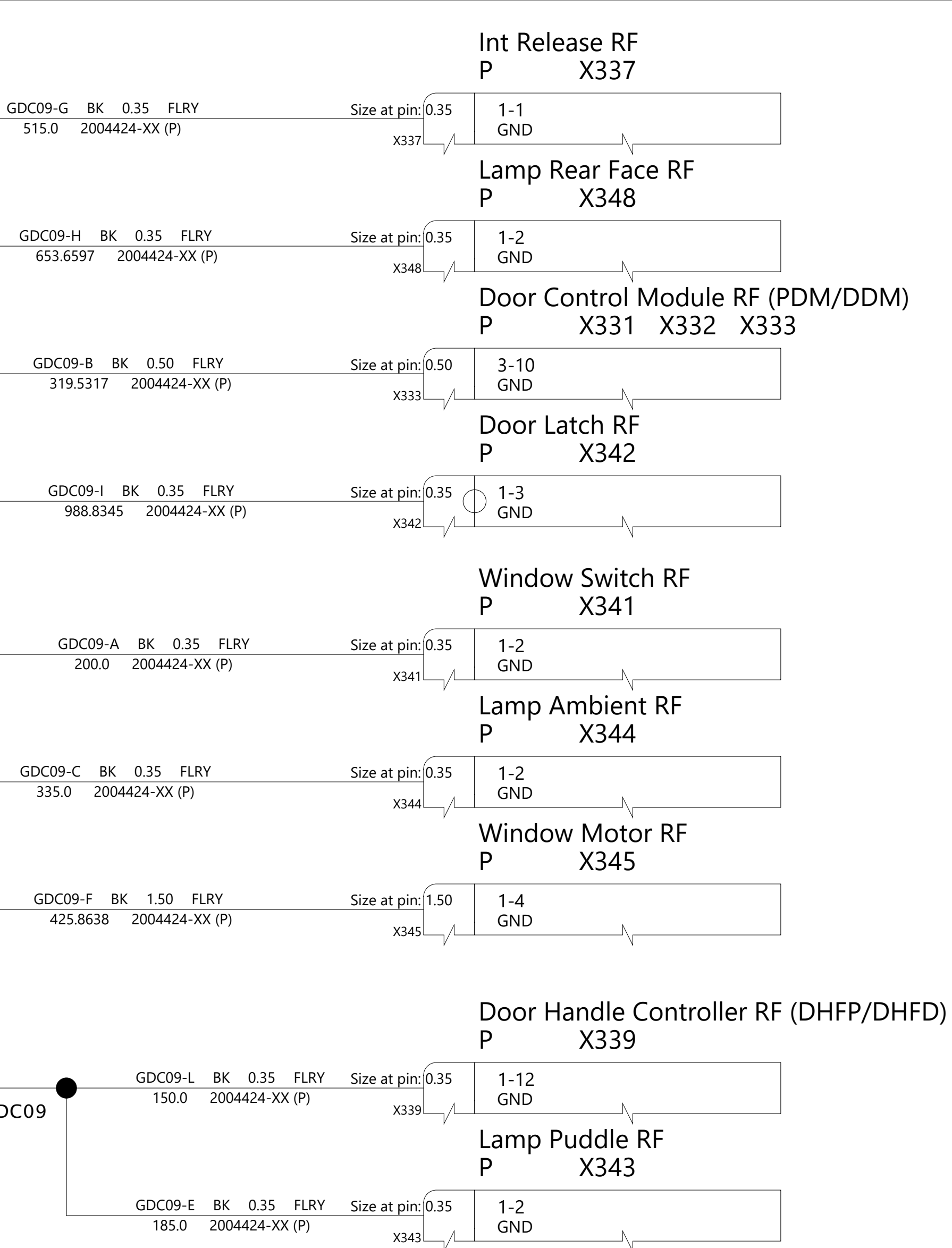
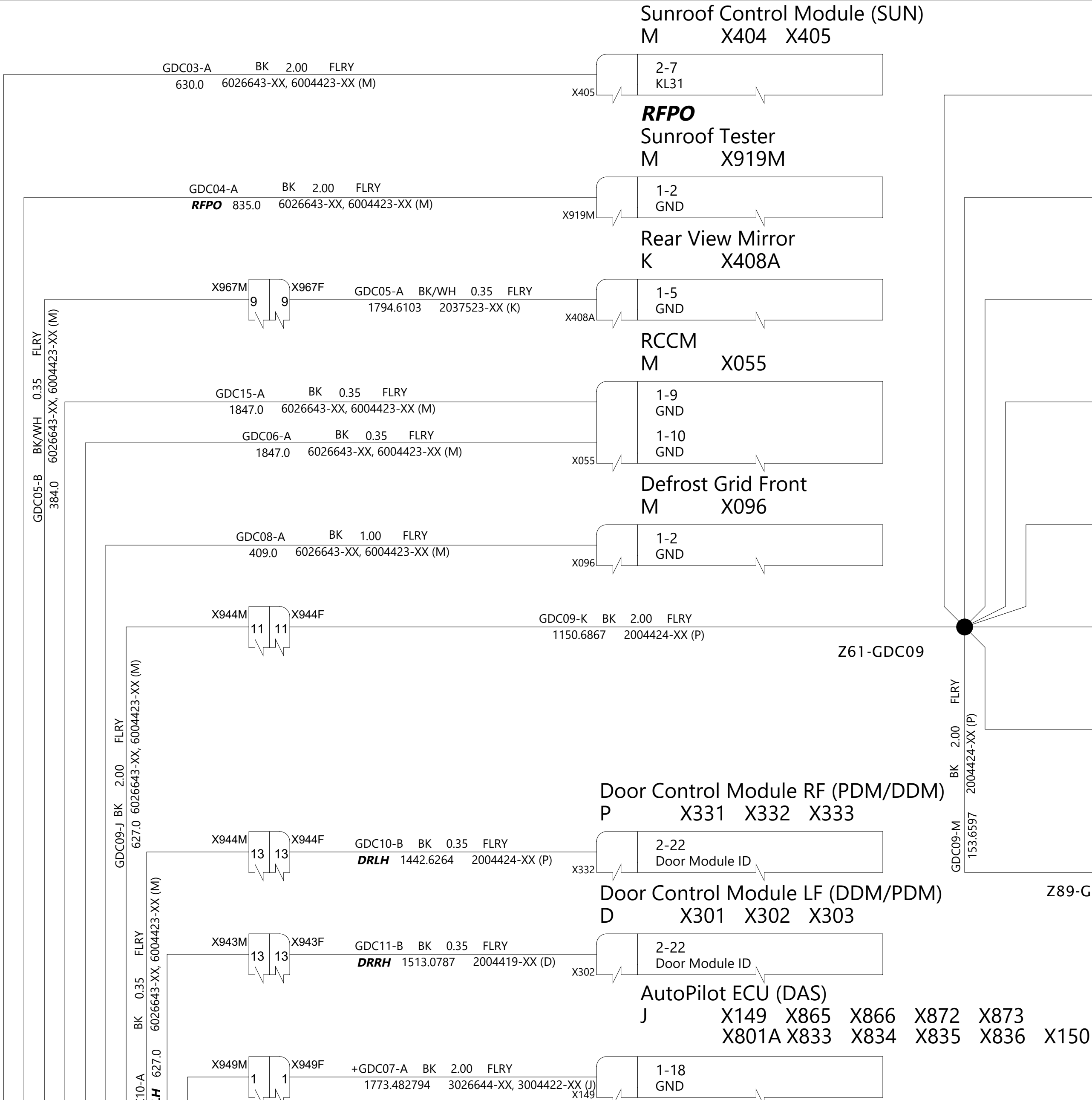
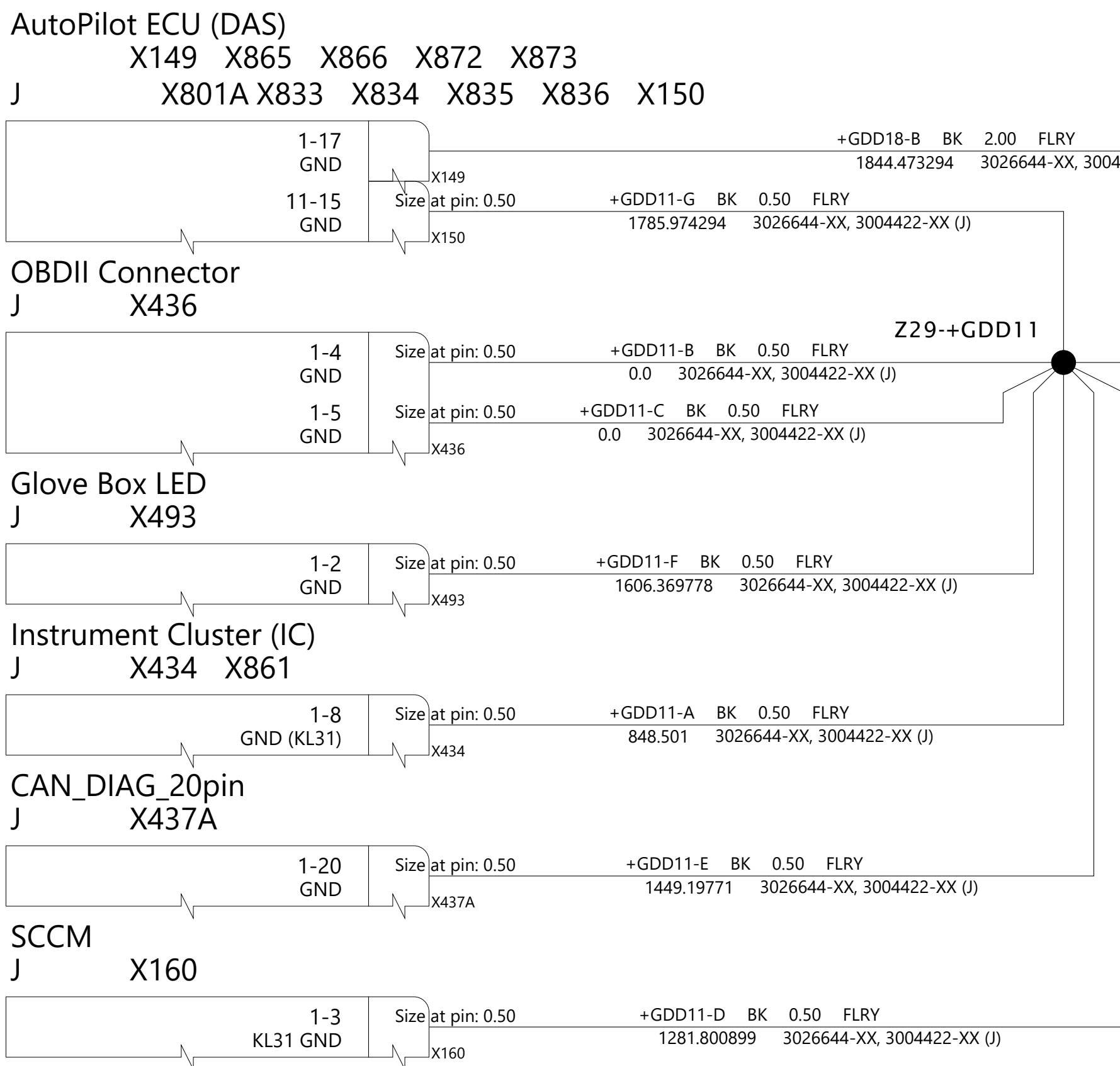
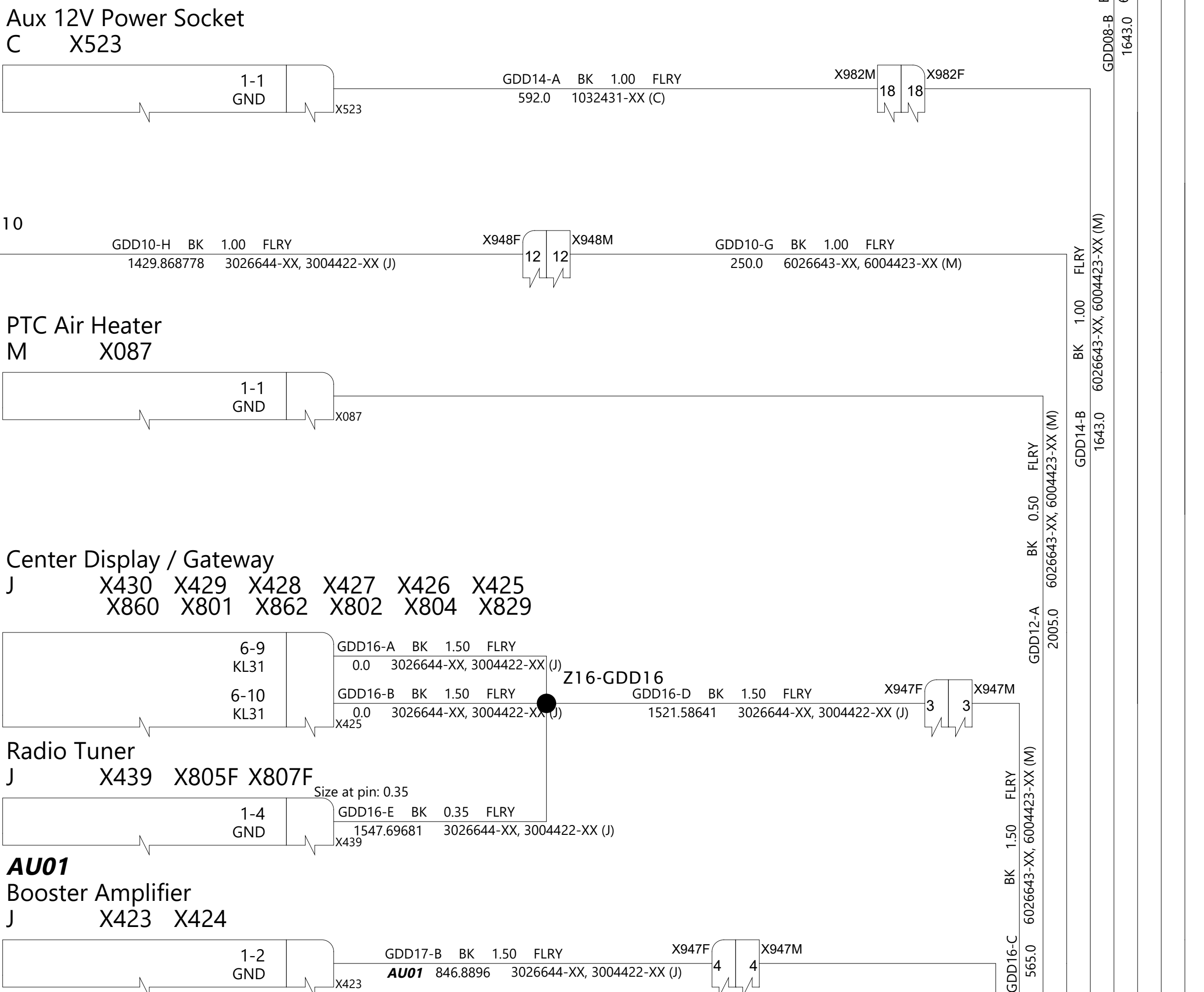
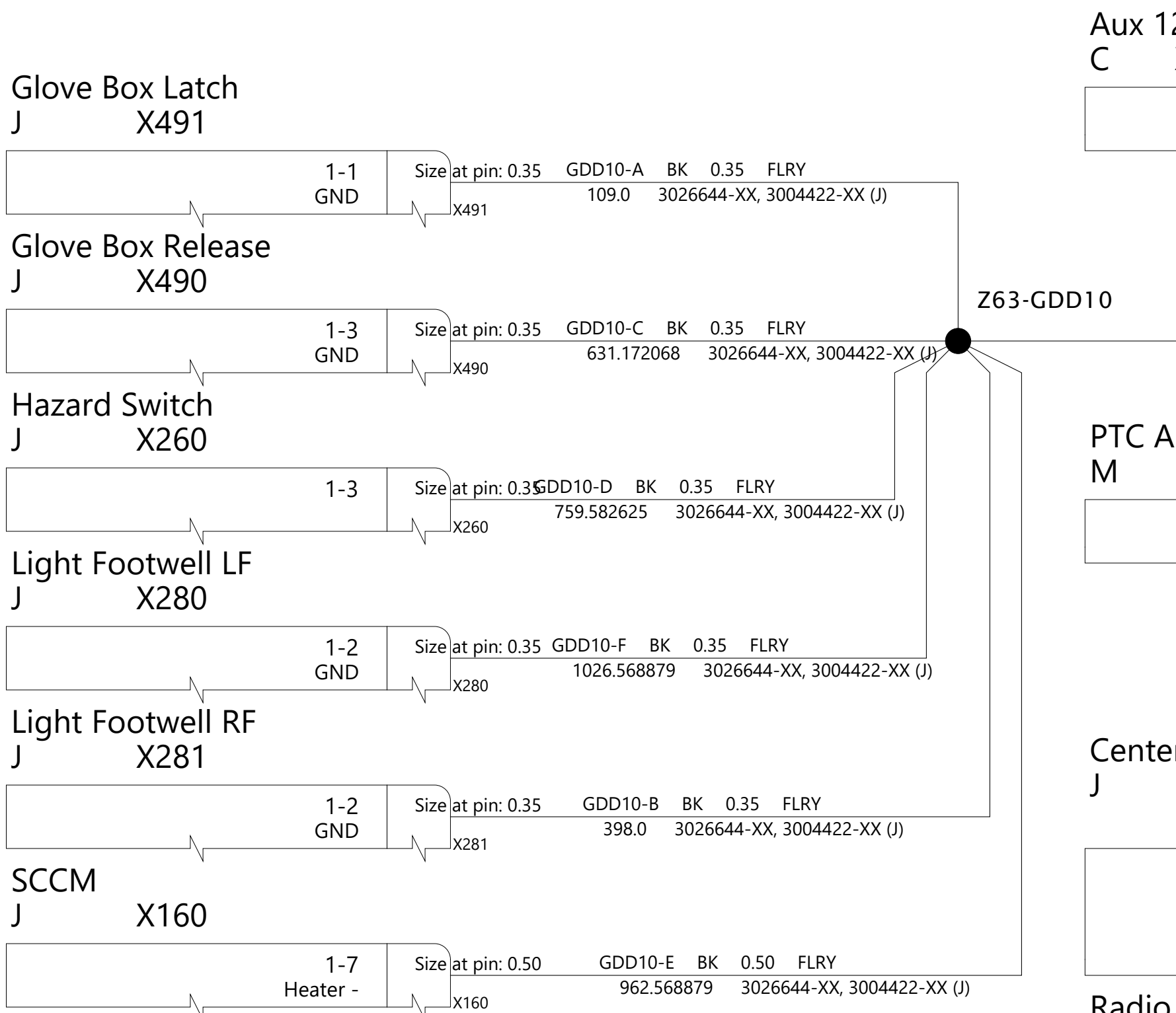
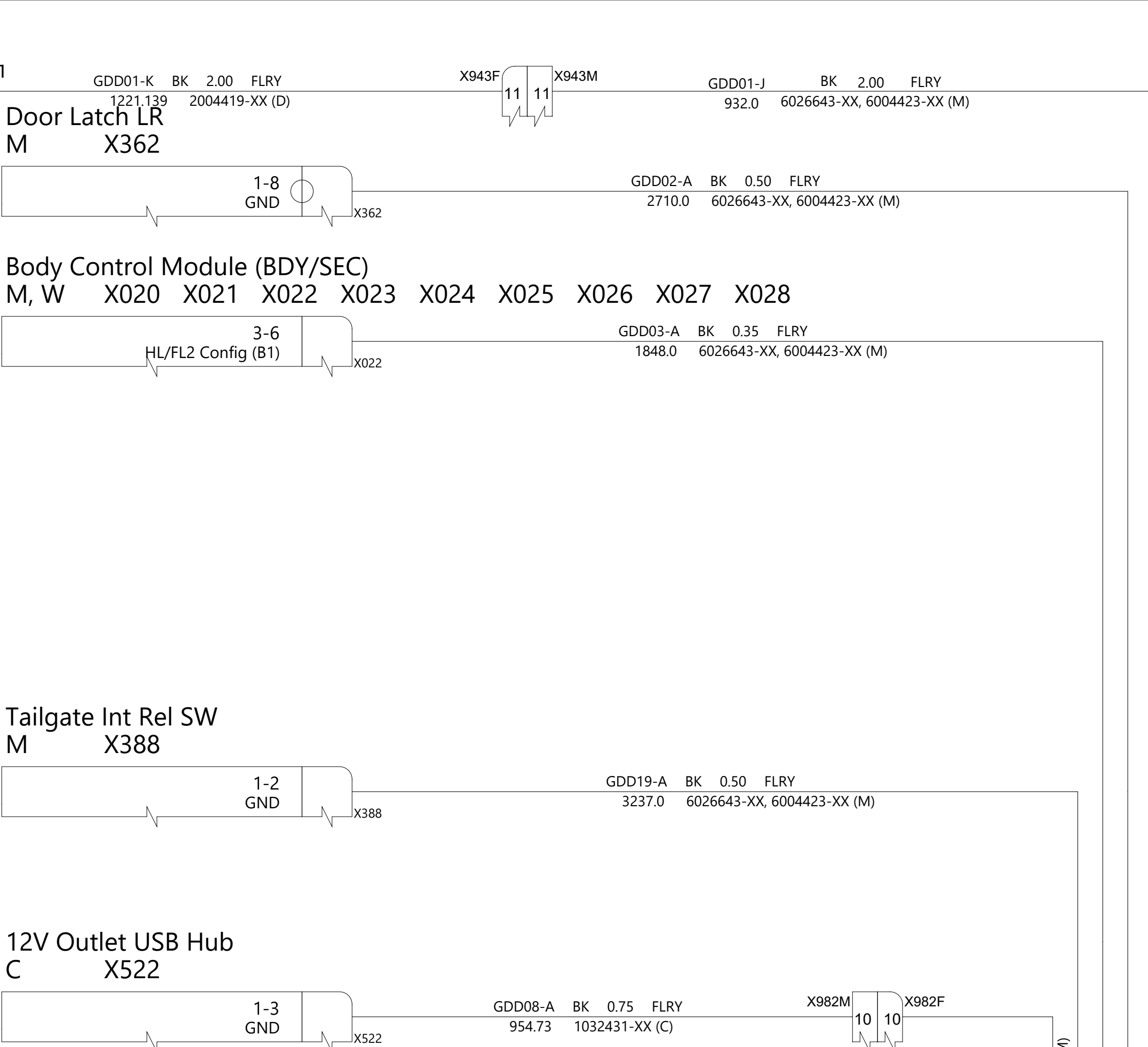
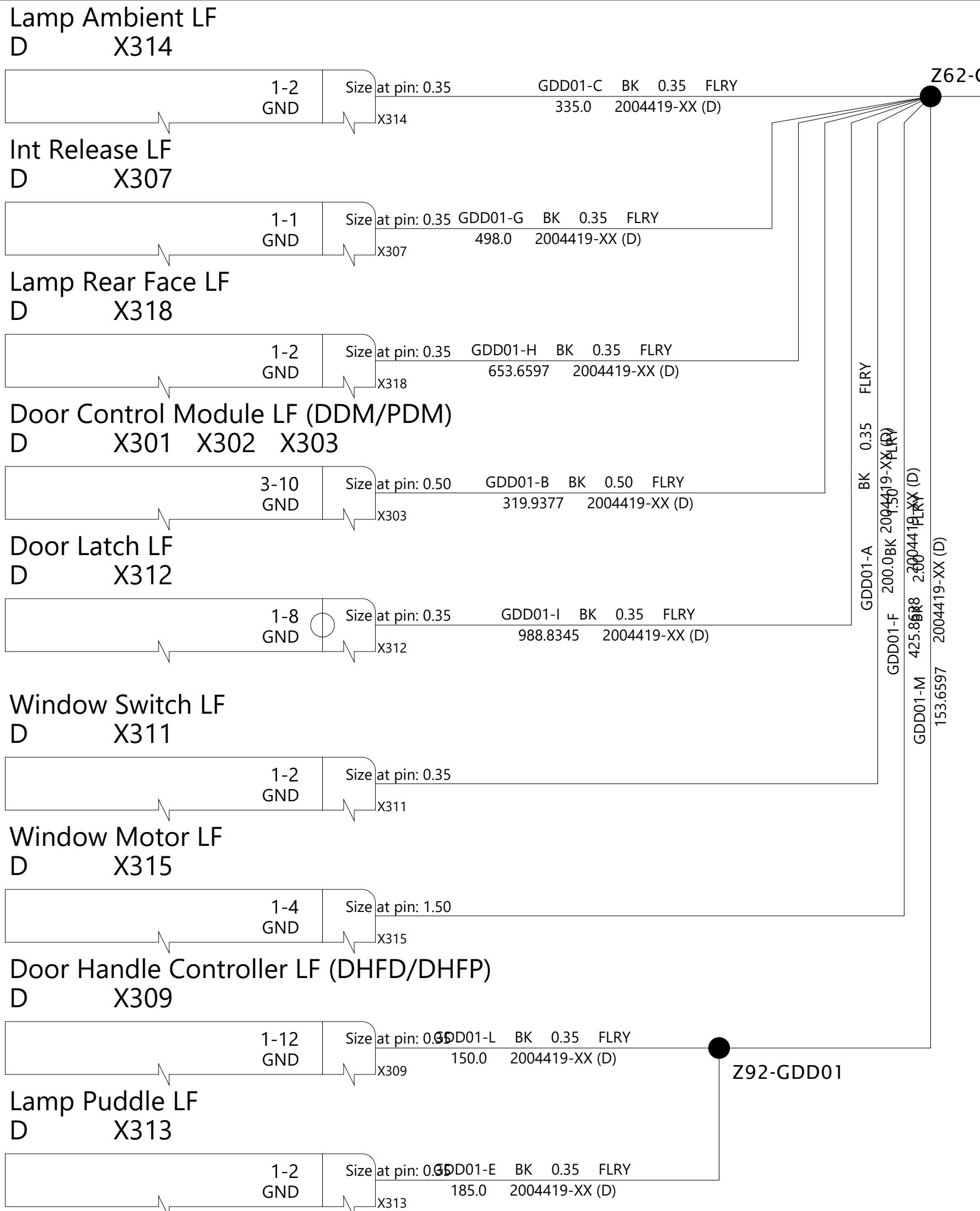
3 OF 4

A0



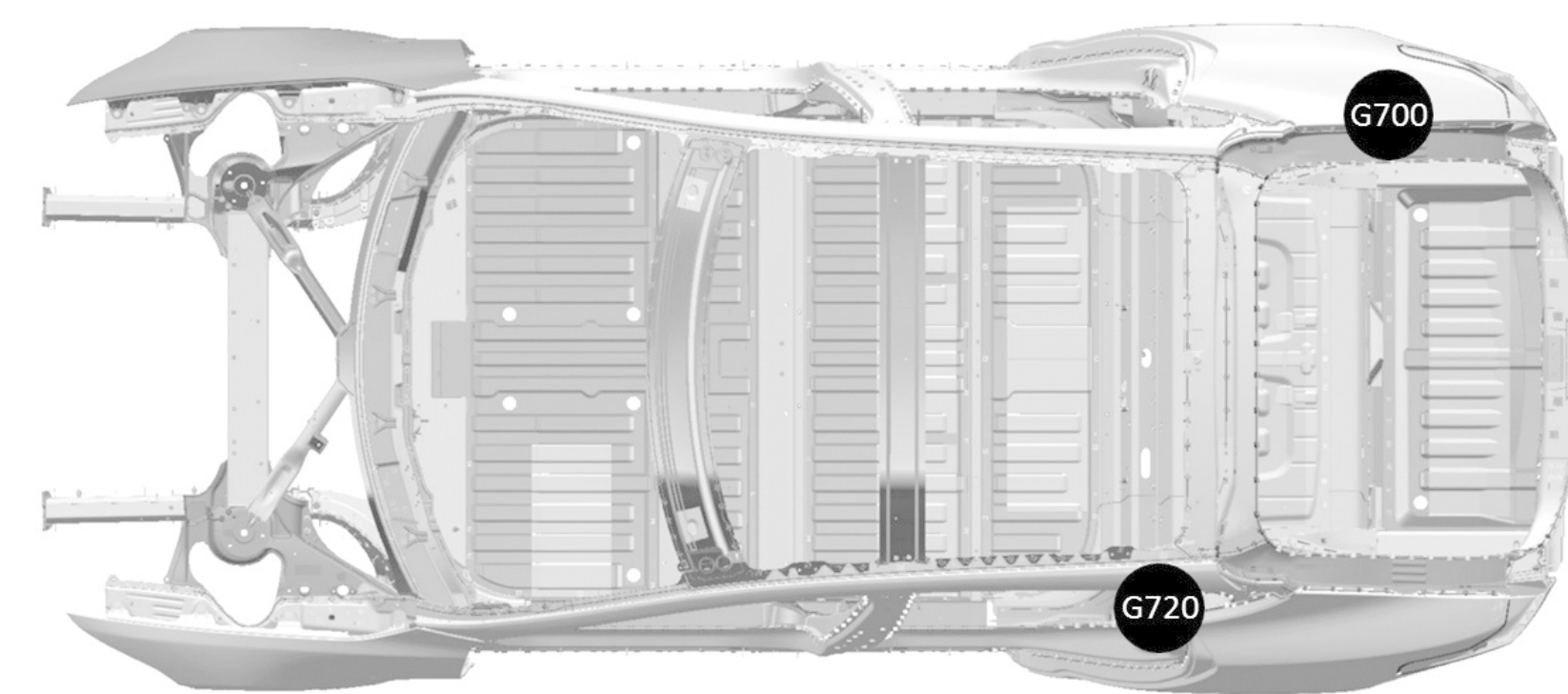
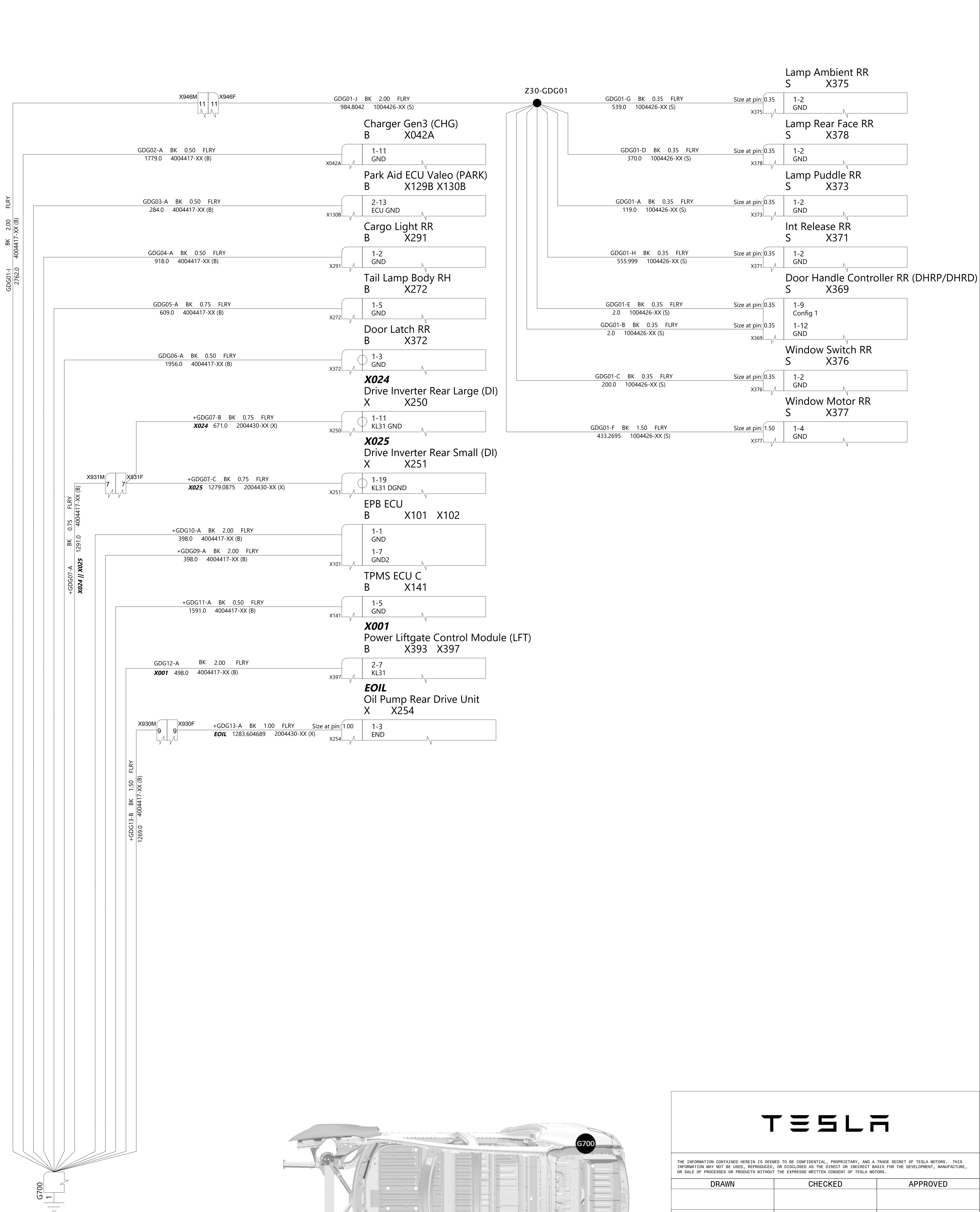
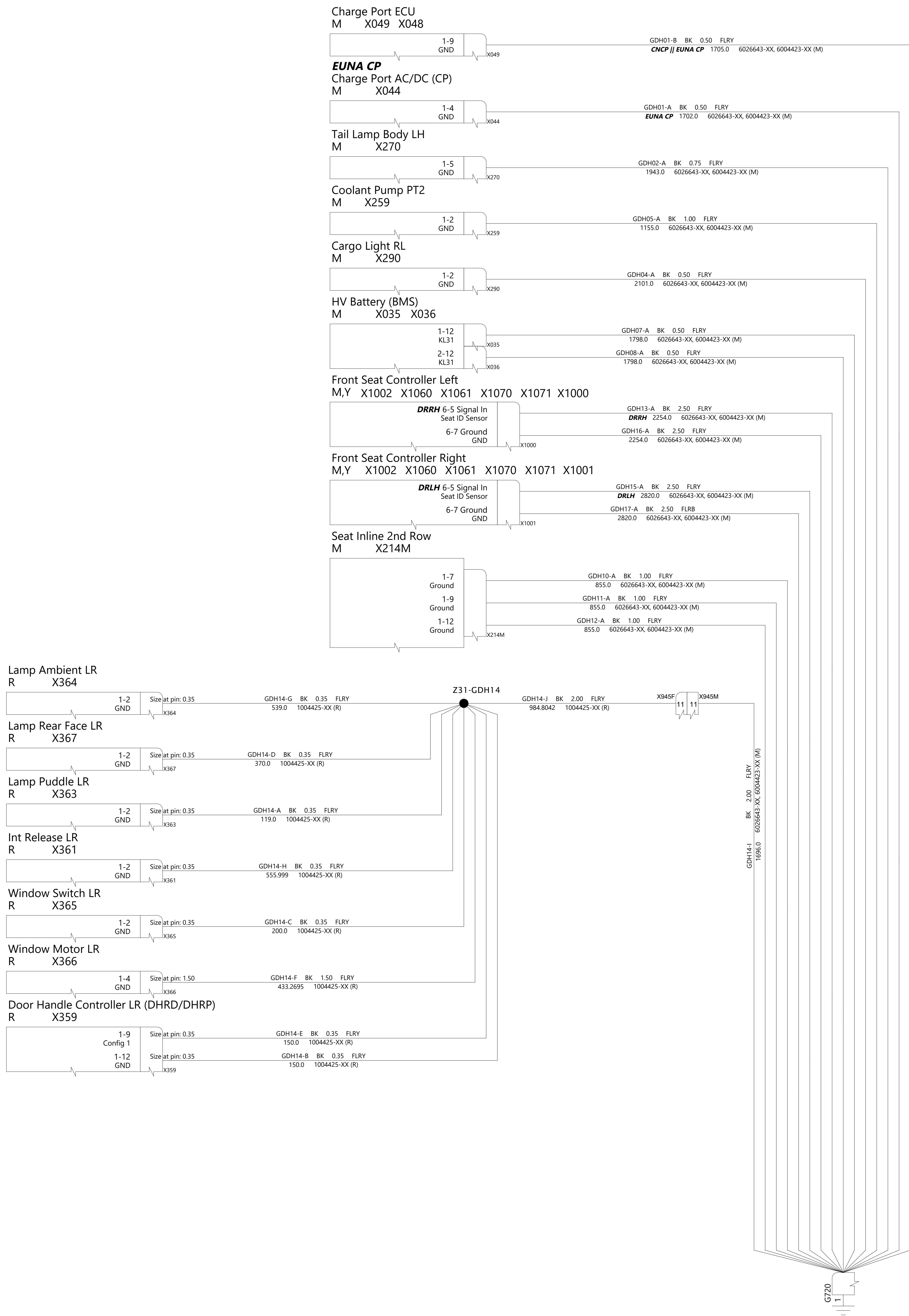
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DRAWN	CHECKED	APPROVED	
MATERIAL	FINISHING	SCALE	
AS SPECIFIED	AS SPECIFIED	NONE	
PART NAME			
Grounding - Front Center			
PART NUMBER	REV	SHEET	SIZE
	7	2 OF 4	A0





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DRAWN		CHECKED		APPROVED
MATERIAL AS SPECIFIED		FINISHING AS SPECIFIED		SCALE NONE
PART NAME Grounding - A-Pillars				
PART NUMBER		REV 7	SHEET 1 OF 4	SIZE A0





				
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DRAWN		CHECKED		APPROVED
MATERIAL AS SPECIFIED		FINISHING AS SPECIFIED		SCALE NONE
PART NAME Grounding - Rear				
PART NUMBER	REV	SHEET		SIZE
	7	4 OF 4		A0