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Table 1: Abbreviations

LF	Left Front	RF	Right Front
LR	Left Rear	RR	Right Rear
LHS	Left-Hand Side	RHS	Right-Hand Side

Table 2: Harness Designators

C	Center Console	RO	LR Door Strut Harness
D	LF Door Harness	RT	LR Door Trim Harness
DT	LF Door Trim Harness	RU	LR Upper Door Harness
F	Front Fascia Harness	SL	RR Lower Door Harness
G	Rear Fascia Harness	SO	RR Door Strut Harness
H	Main Body Harness	ST	RR Door Trim Harness
J	Instrument Panel Harness	SU	RR Upper Door Harness
K	Headliner	T	Tailgate Harness
L	Front End Module	V	Overhead Console Harness
P	RF Door Harness	W	Frunk Harness
PT	RF Door Trim Harness	X	Rear Subframe Harness
RL	LR Lower Door 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

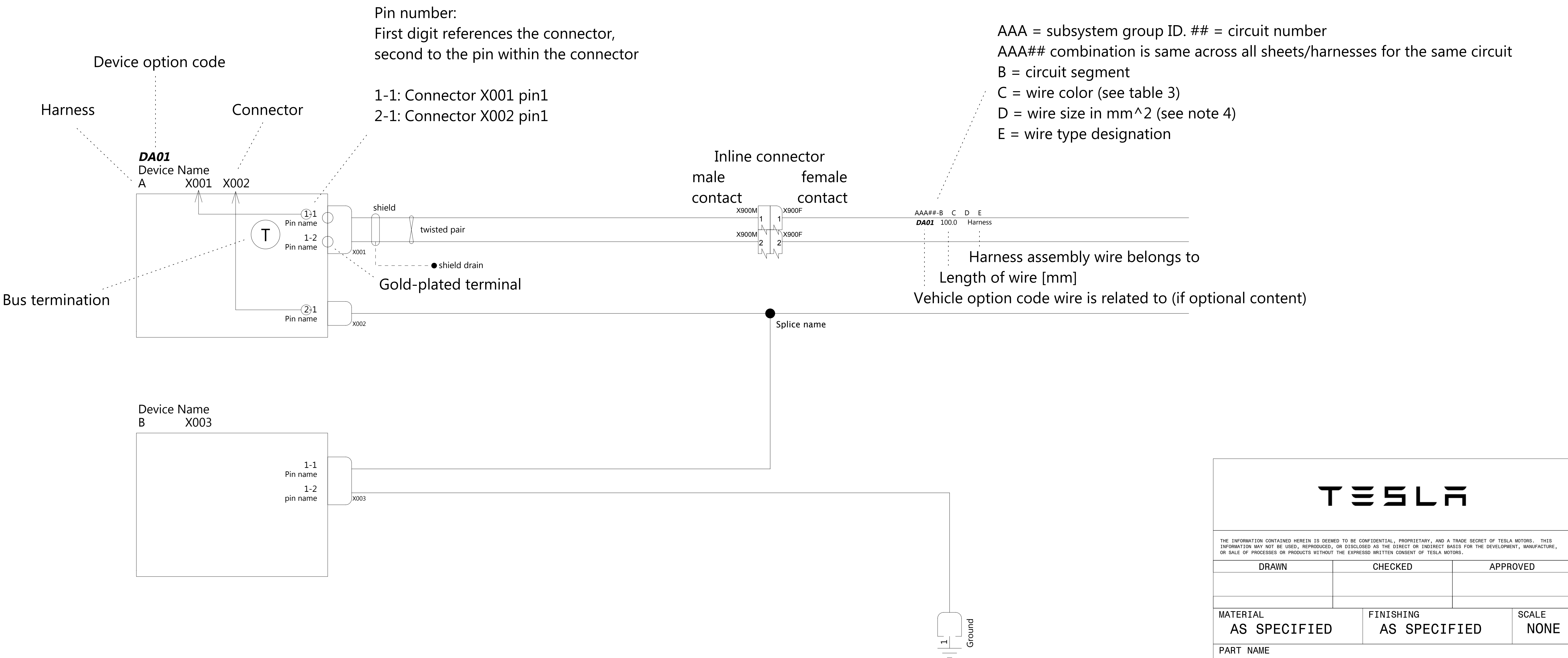
FLRY	Thin wall 105C rated, regular stranded PVC insulates cables [FLRY-A]
FLRB	Thin wall 105C rated, bunched conductor PVC insulates cables [FLRY-B]
MCIV	Thin wall 105C rated, compressed conductor PVC (halogen free) insulated cables
F91X	Thin wall 150C rated, cross-linked polyethylene, high flexible cable

General Notes:

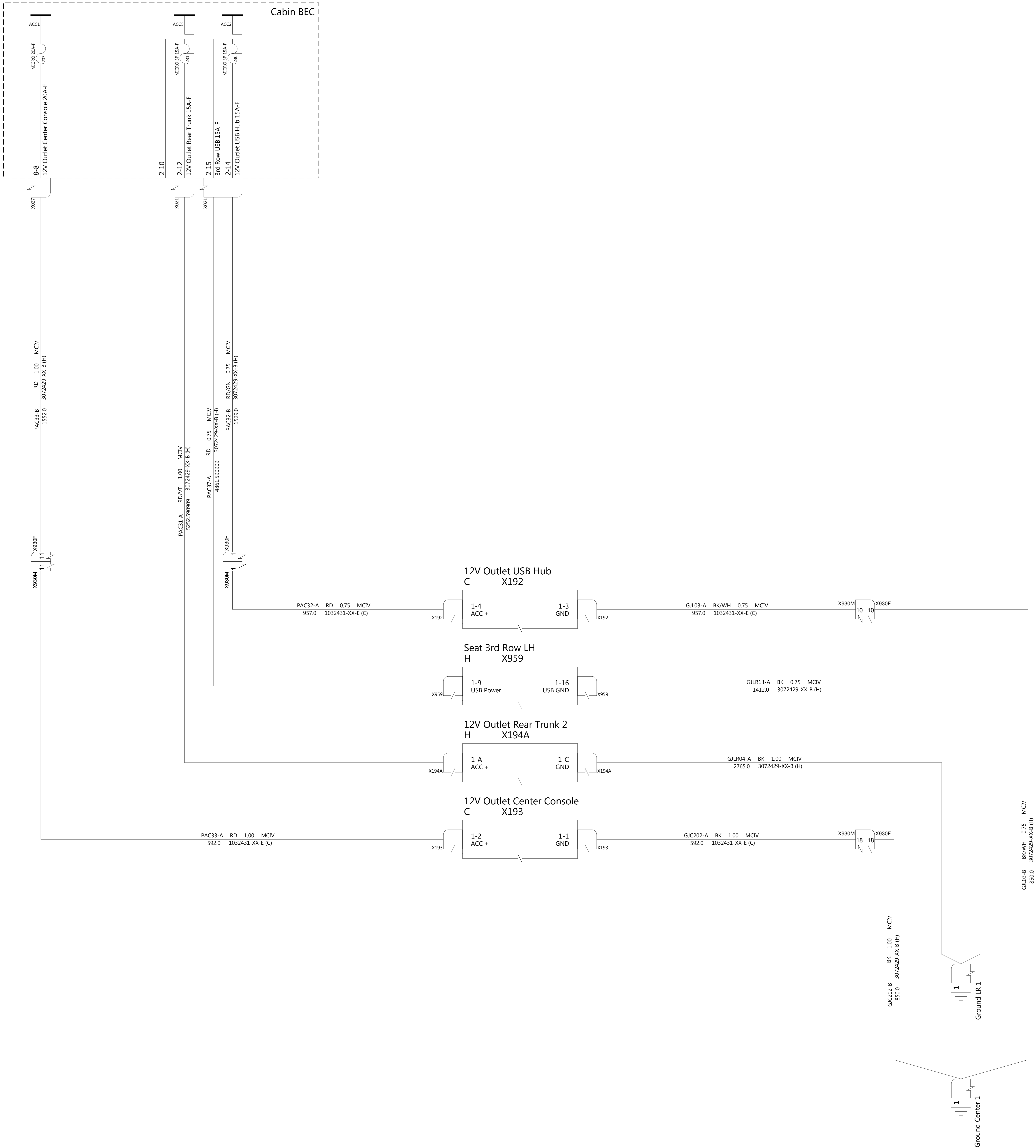
- Switches [Relays] are shown in their inactive [de-energized] state.
 - Splices may be split across pages for visual clarity with respect to the function displayed on the particular page.
 - Some connectors are split across multiple pages for clarity.
There is no overall reference in this document for the signals routed to a specific connector.
 - Wire sizes are specified in mm^2 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.
 - Unless otherwise specified at the device pins, terminal plating is to be Tin or Pre-Tin
- TERMINAL PLATING

☐ GOLD TERMINAL NECESSARY

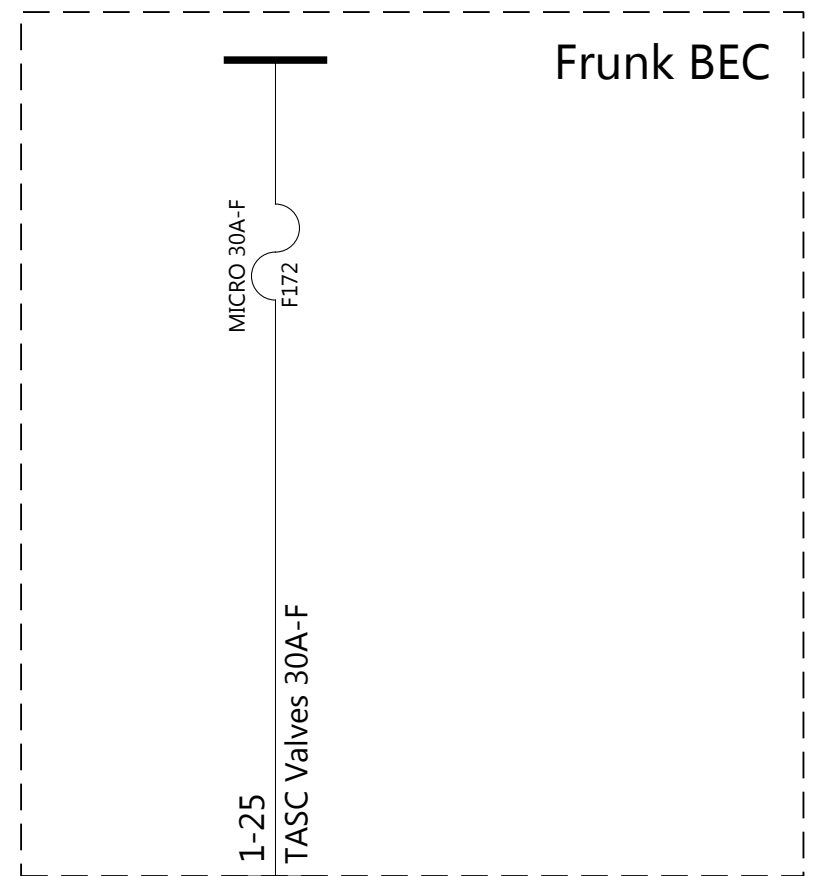
☐ SILVER PLATING NECESSARY
- Inline connector gender specification is based on the terminal type.
Inline connectors with "M" suffix have male tab or pin terminals
Inline connectors with "F" suffix have female receptacle or socket terminals



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

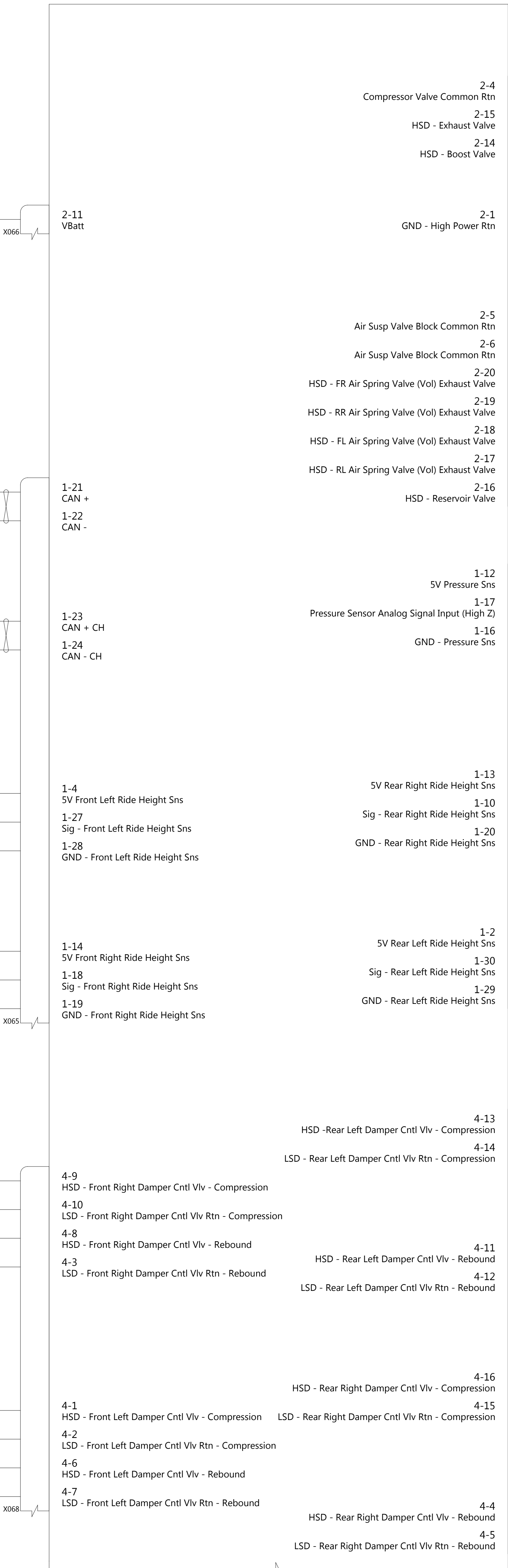


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PART NAME 12V Outlets			
PART NUMBER	REV 2	SHEET 1 OF 1	SIZE A0

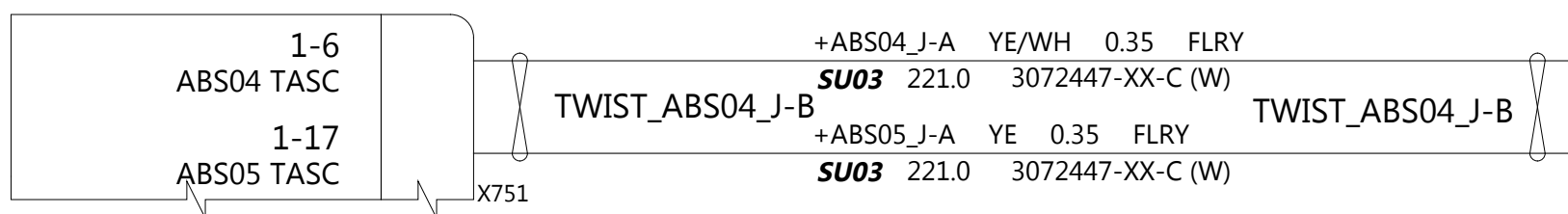


+PRM73-A RD/BU 2.00 FLRB
SU03 1460.053 3072447-XX-C (W)

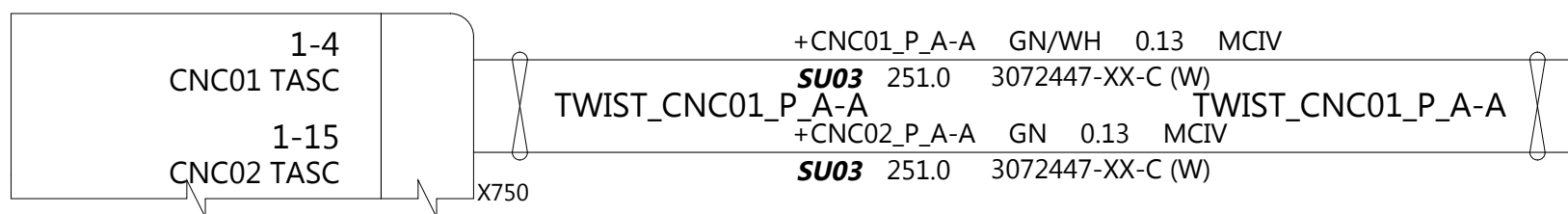
SU03 Tesla Adaptive Suspension Controller (TAS) W X065 X066 X067 X068



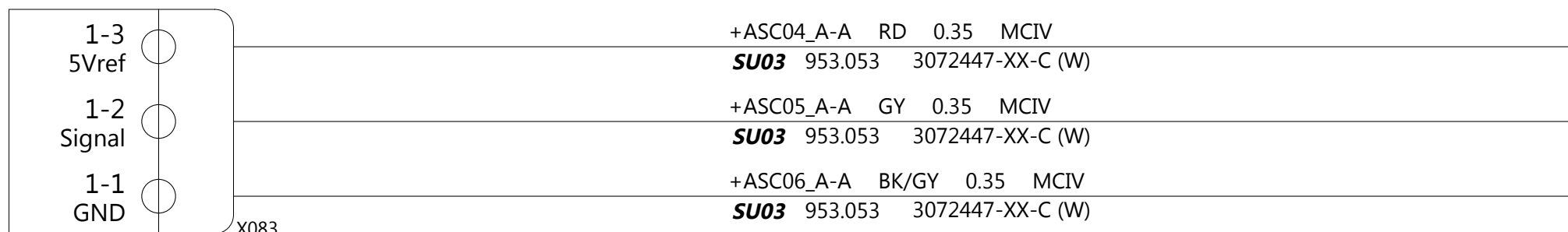
X751 Splice W X751



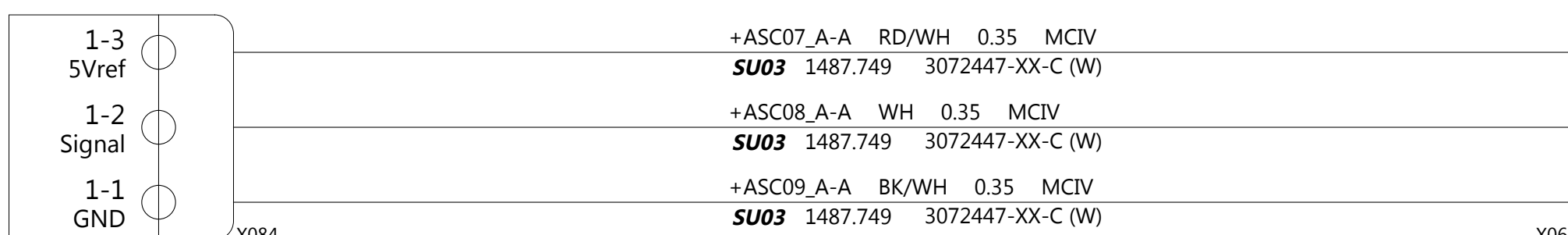
X750 Splice W X750



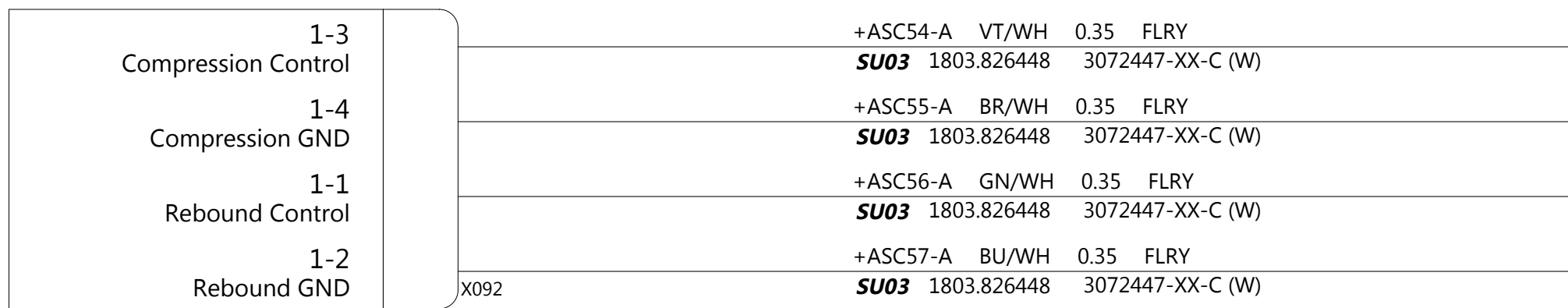
ASC Level Sensor LF W X083



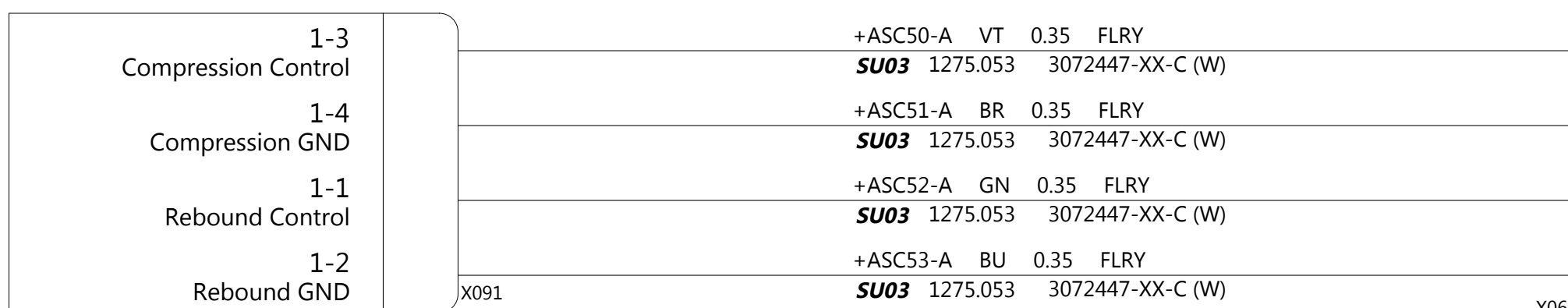
ASC Level Sensor RF W X084



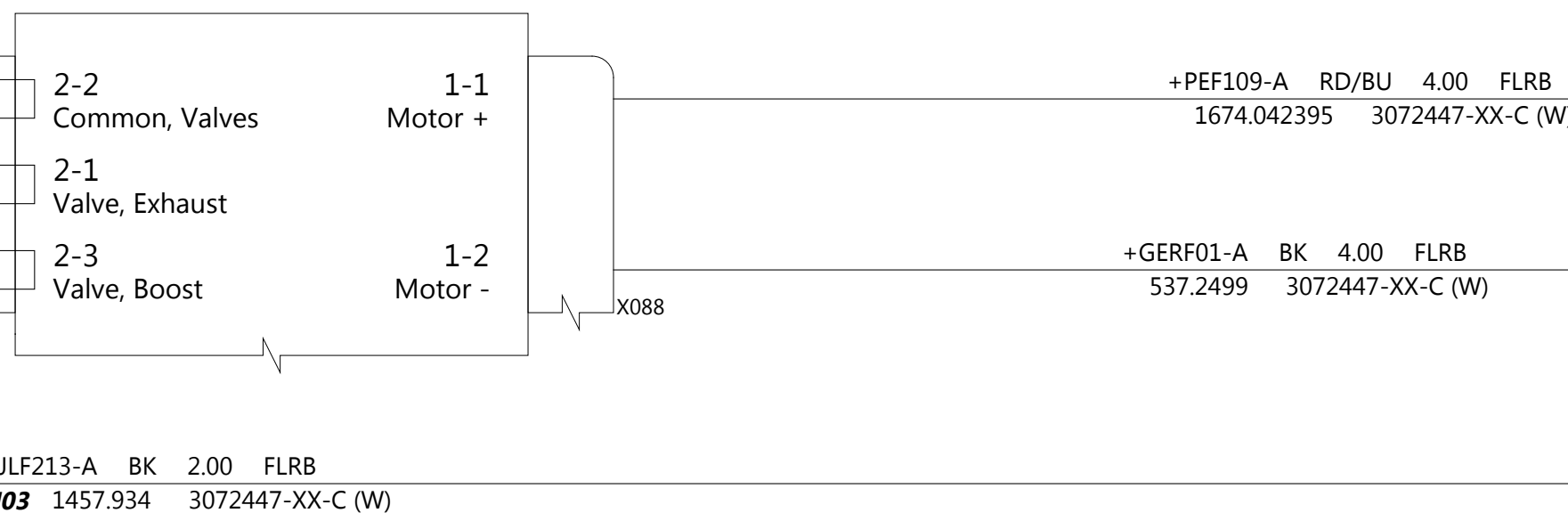
SU03 Adaptive Damper Valve FR RH W X092



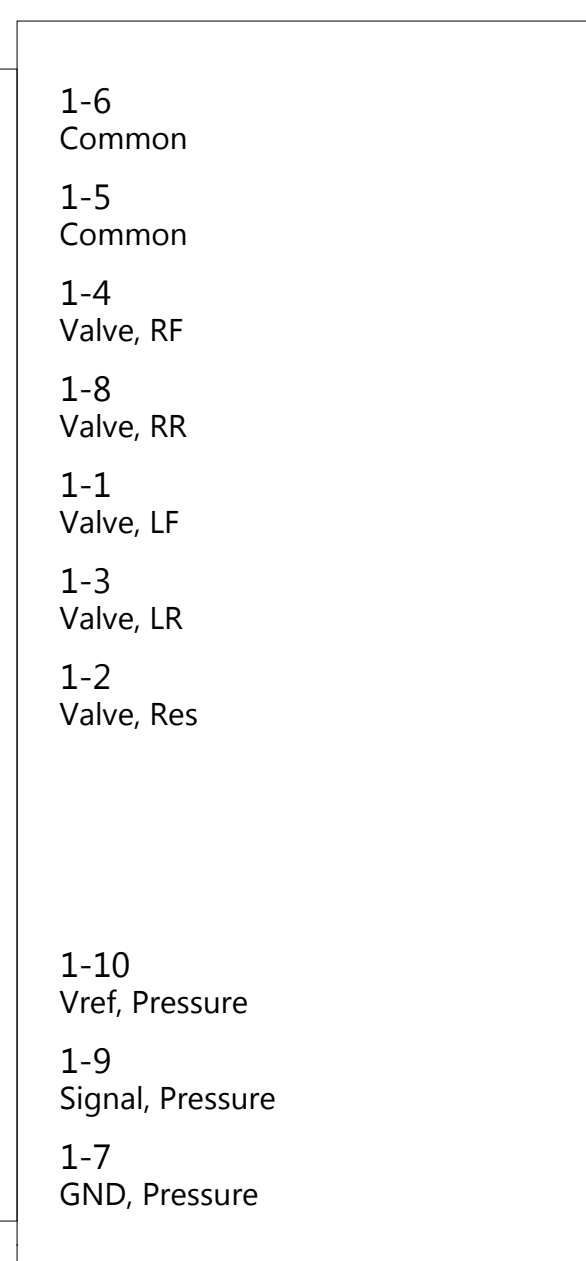
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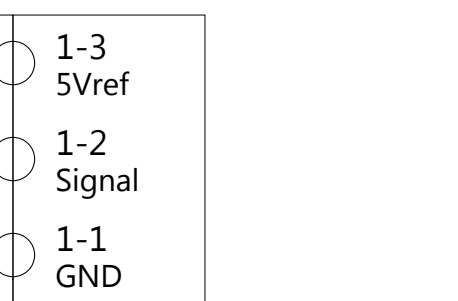
Air Compressor W X088 X089



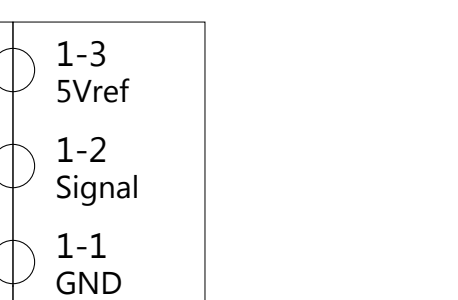
Air Susp Valve Block W X087



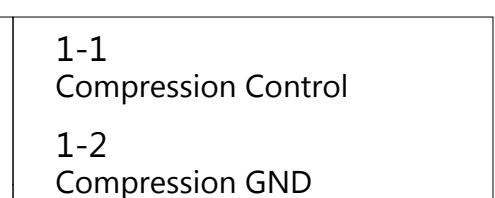
ASC Level Sensor RR X X086



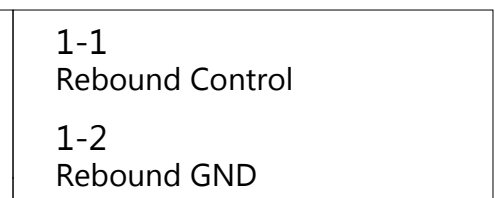
ASC Level Sensor LR X X085



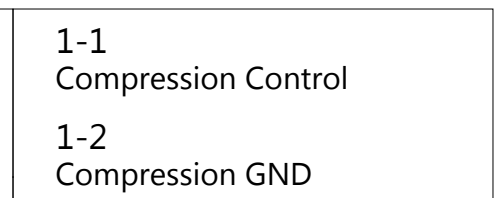
SU03 Adaptive Damper Valve RR LH Comp X X093A



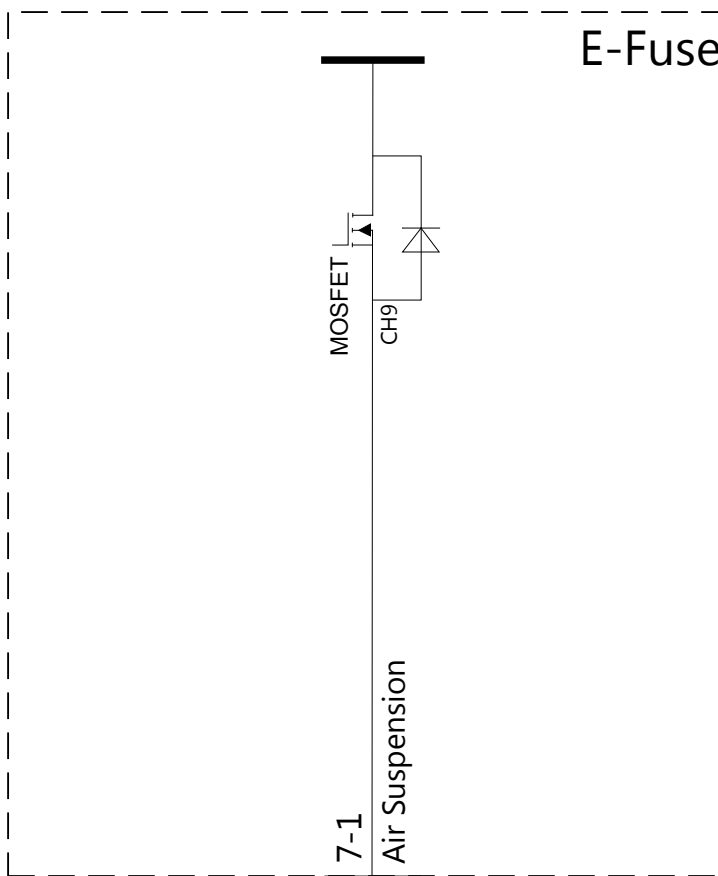
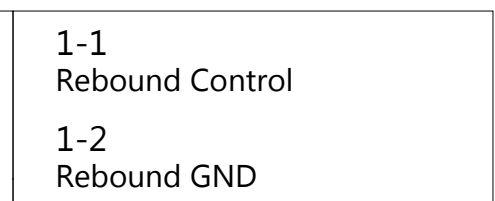
SU03 Adaptive Damper Valve RR LH Reb X X093B



SU03 Adaptive Damper Pigtail RR RH Comp X X094A



SU03 Adaptive Damper Valve RR RH Reb X X094B



GND FR RH1

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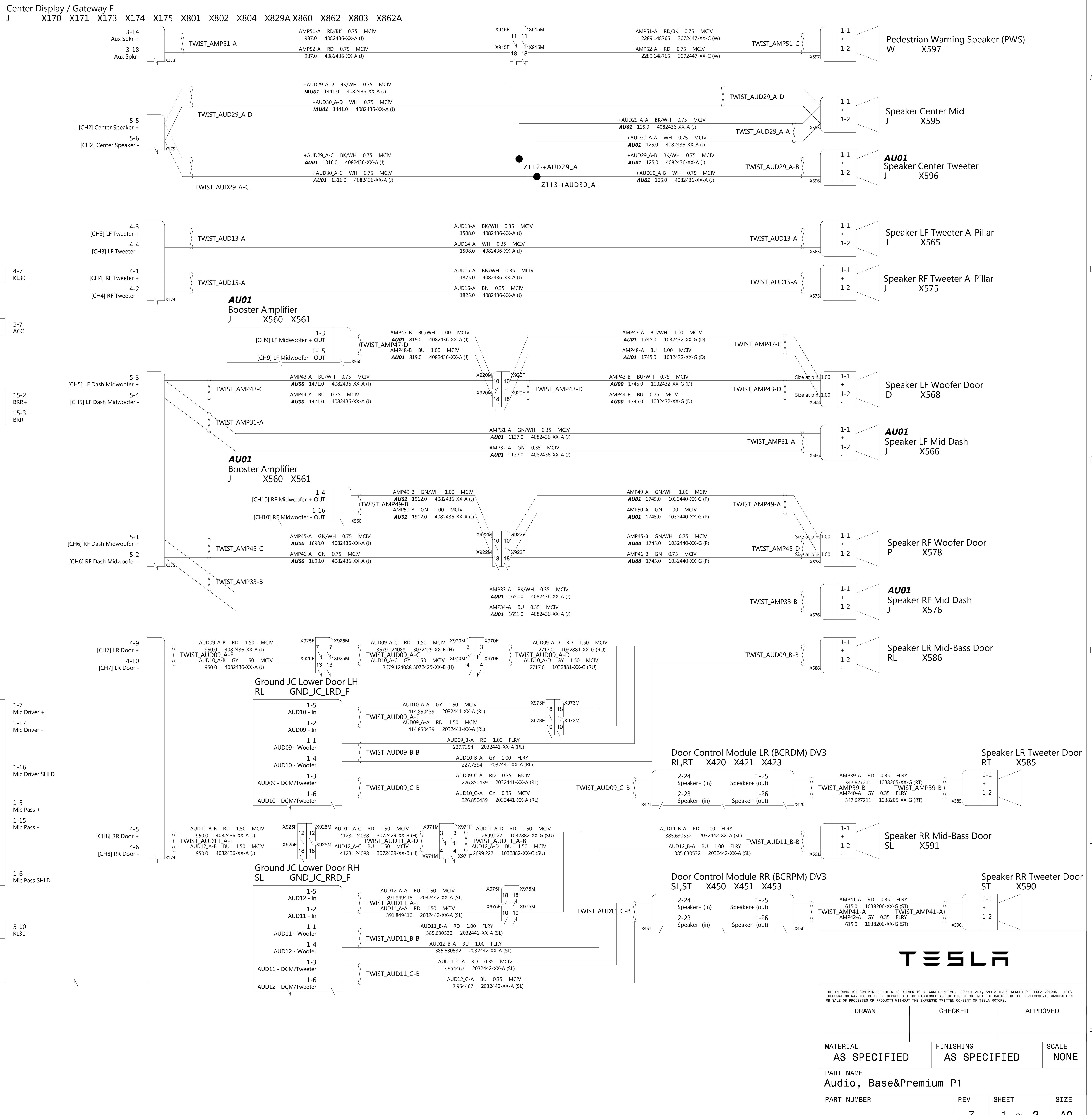
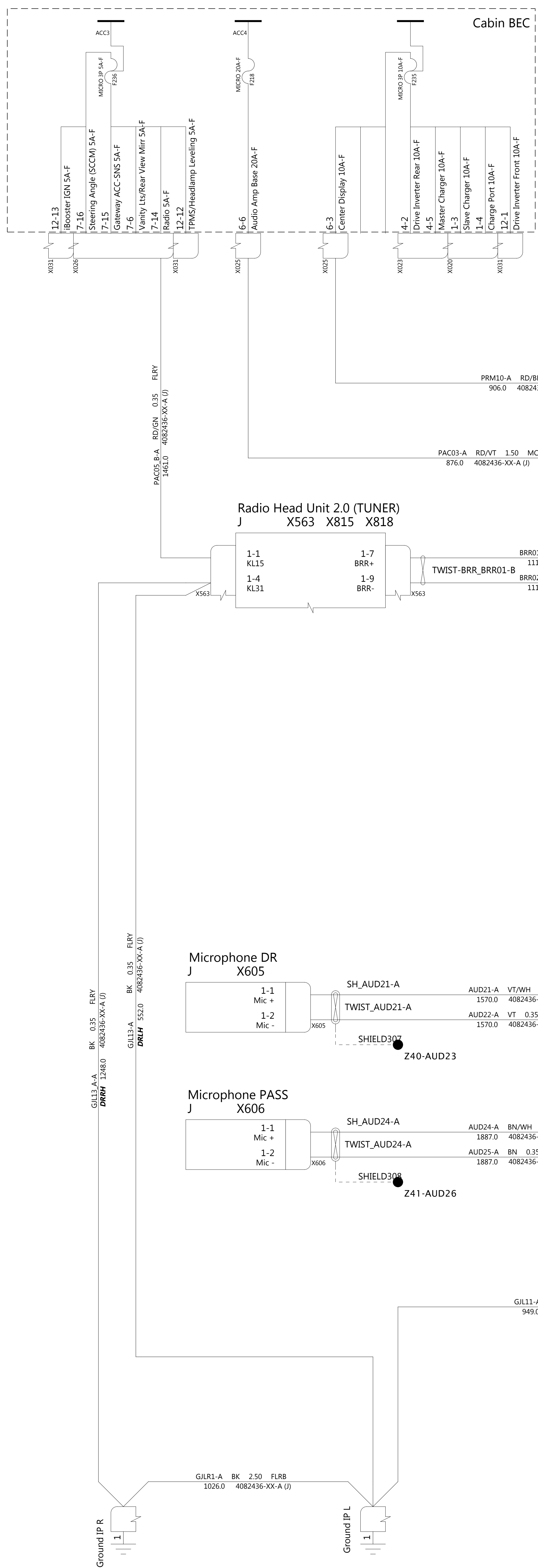
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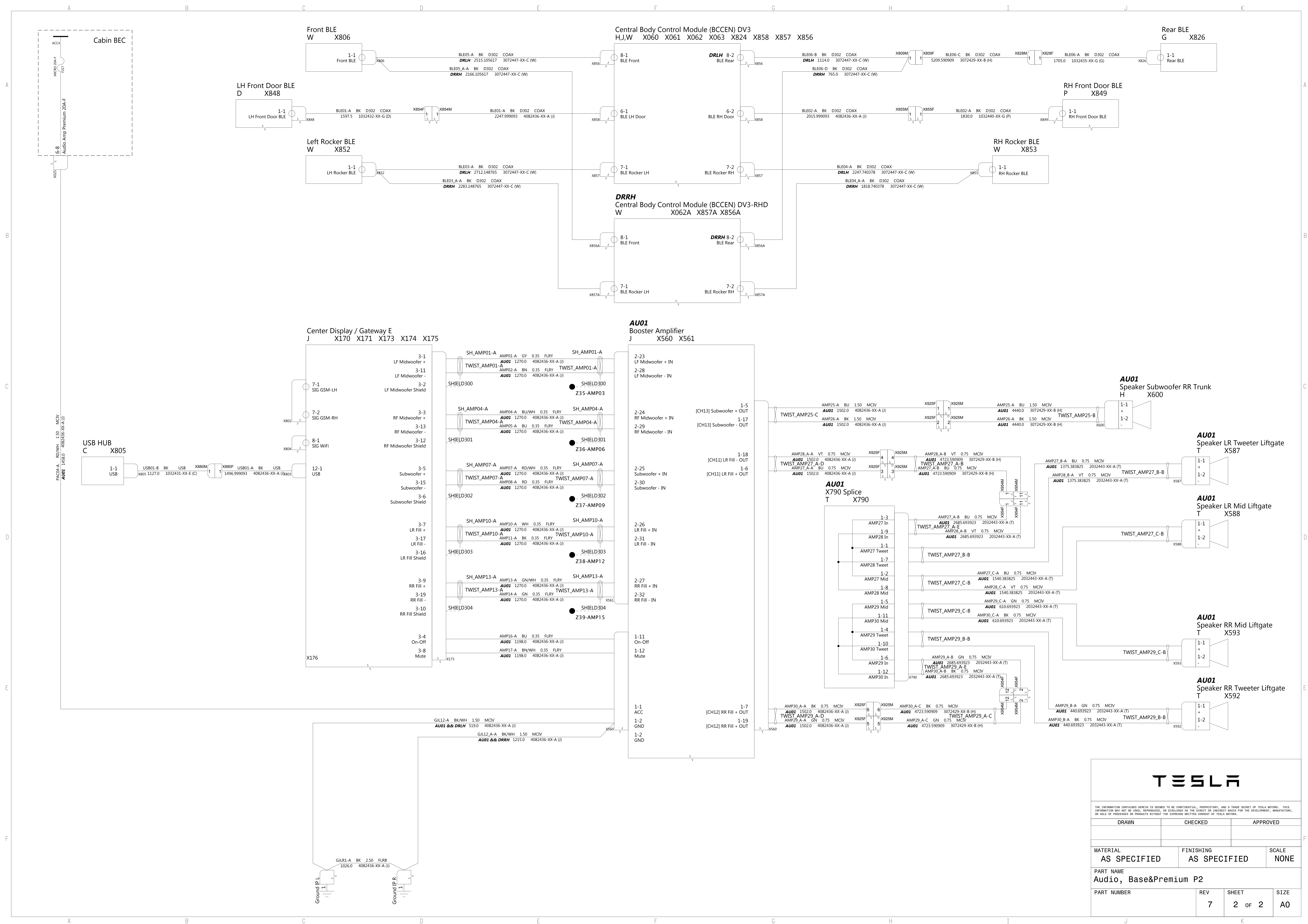
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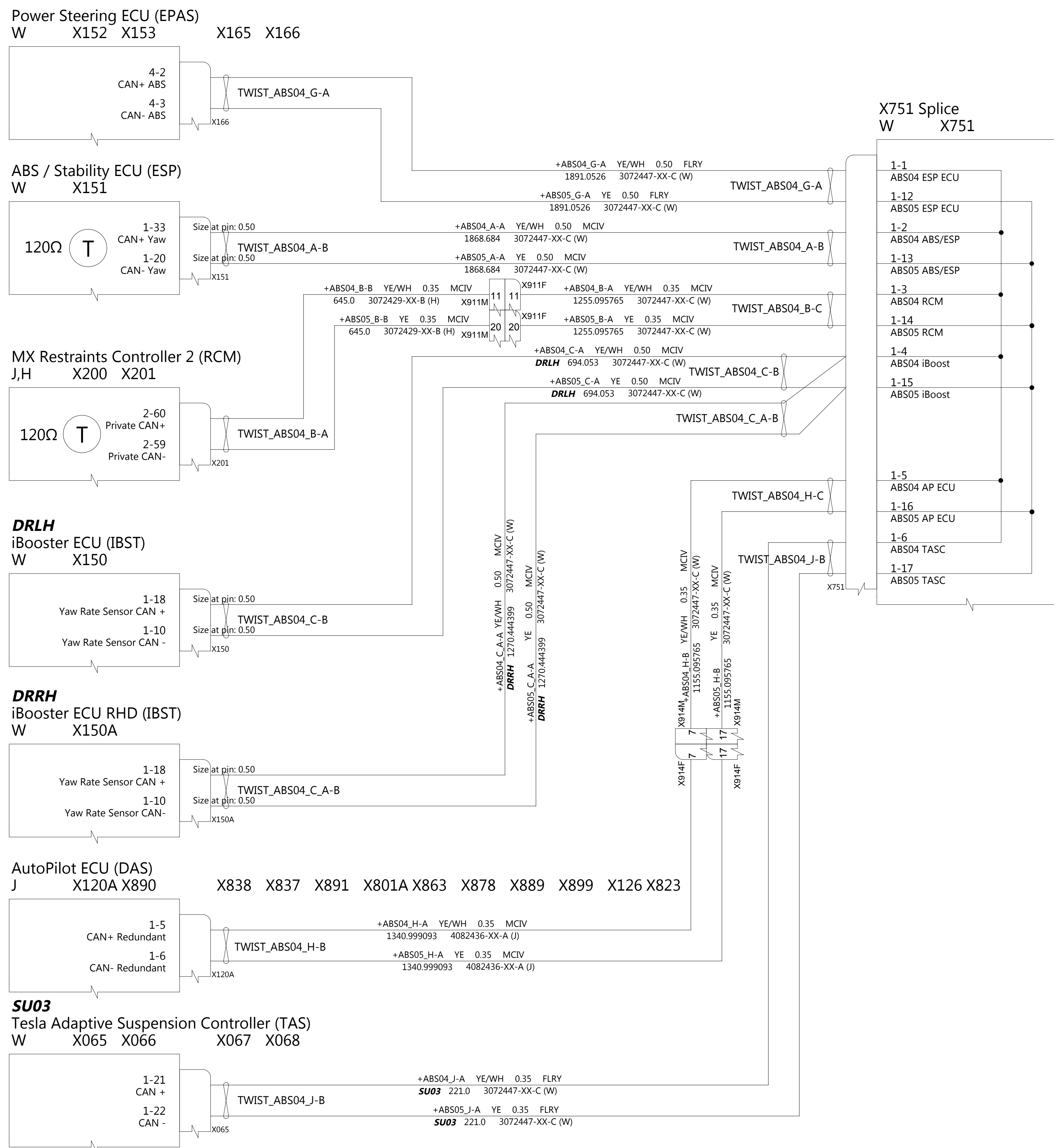
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PART NUMBER	REV 1	SHEET 2 of 70	SIZE A0
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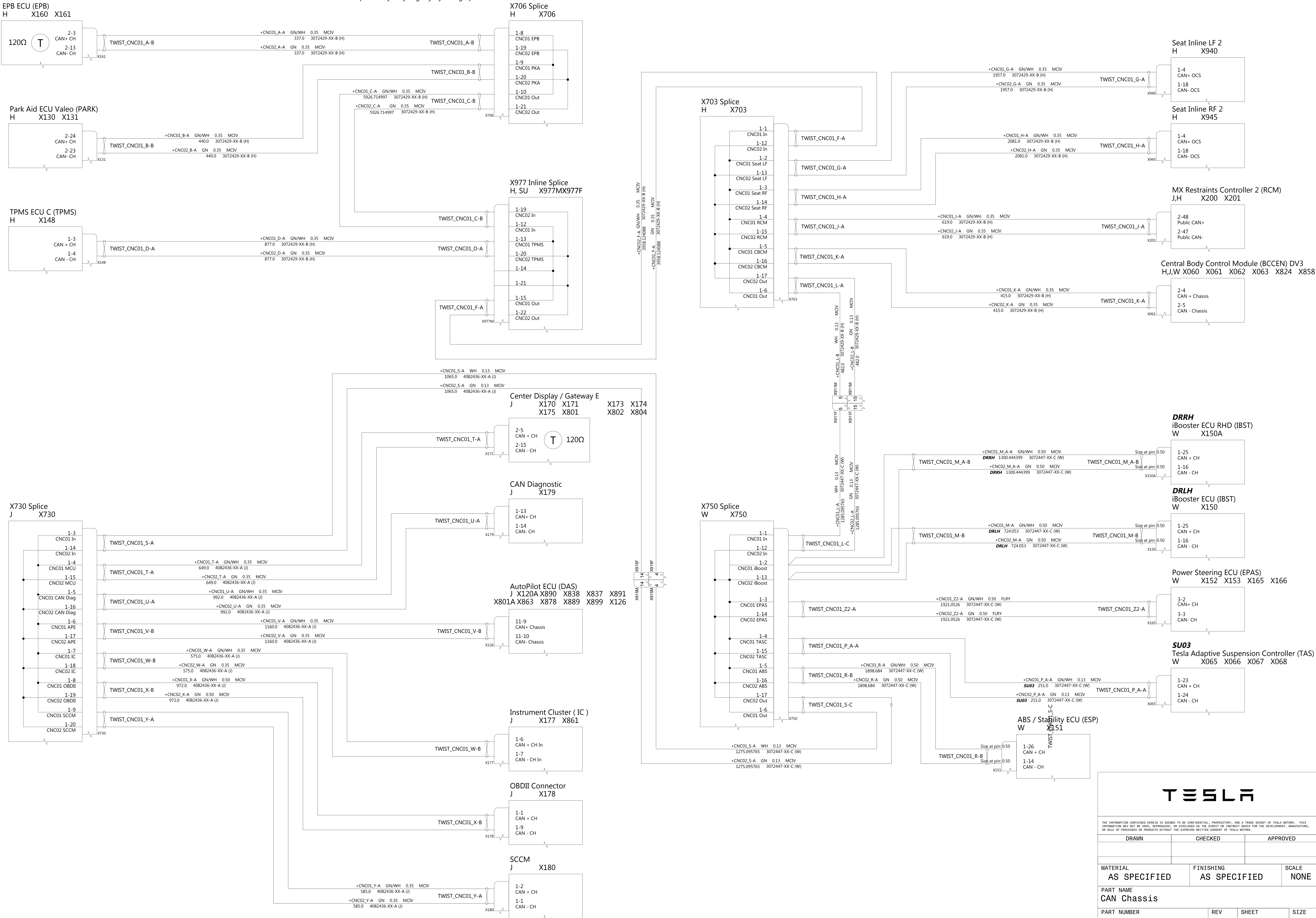






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DRAWN		CHECKED		APPROVED	
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PART NAME CAN ABS					
PART NUMBER		REV 3	SHEET 1 OF 1		SIZE A0



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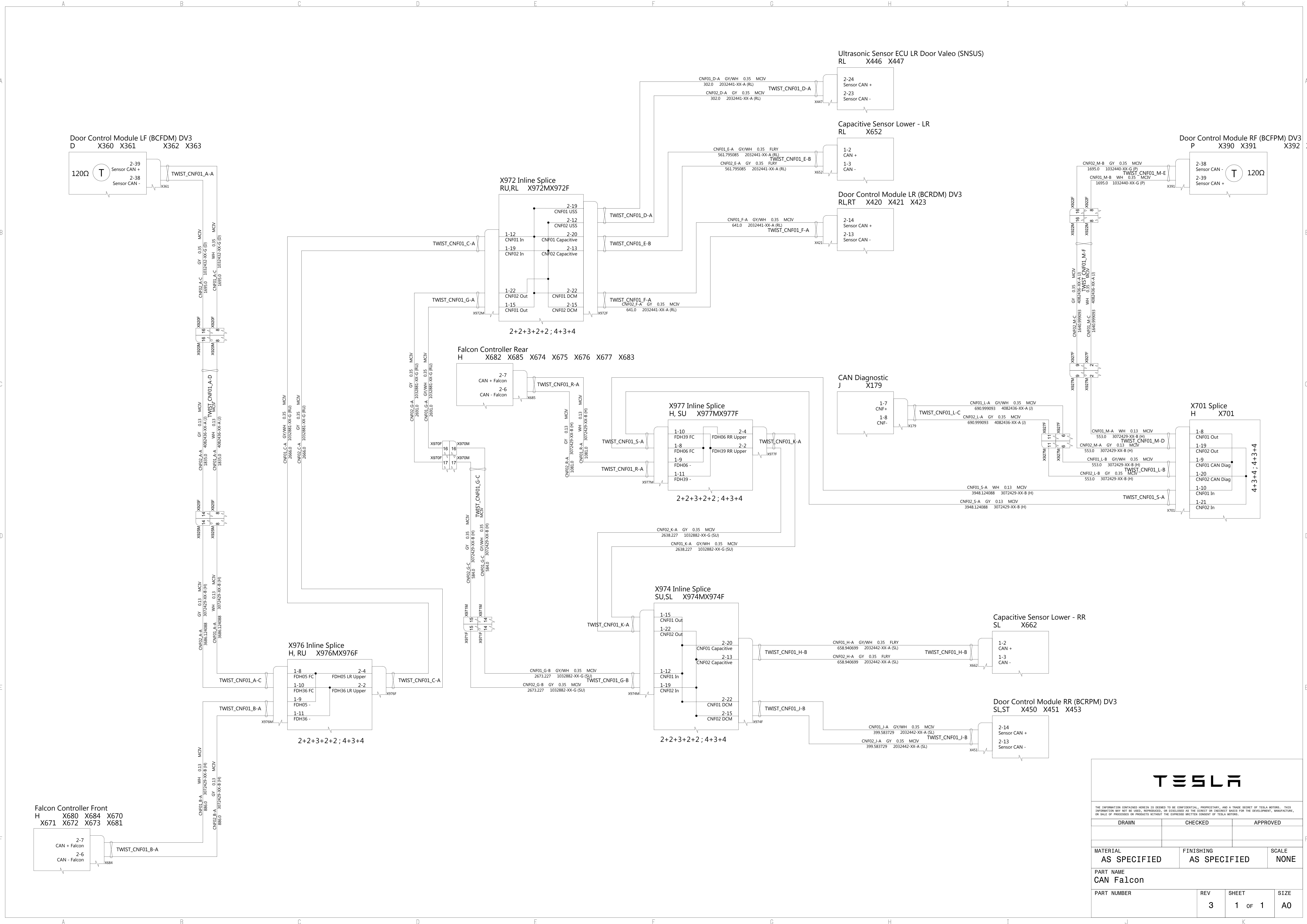
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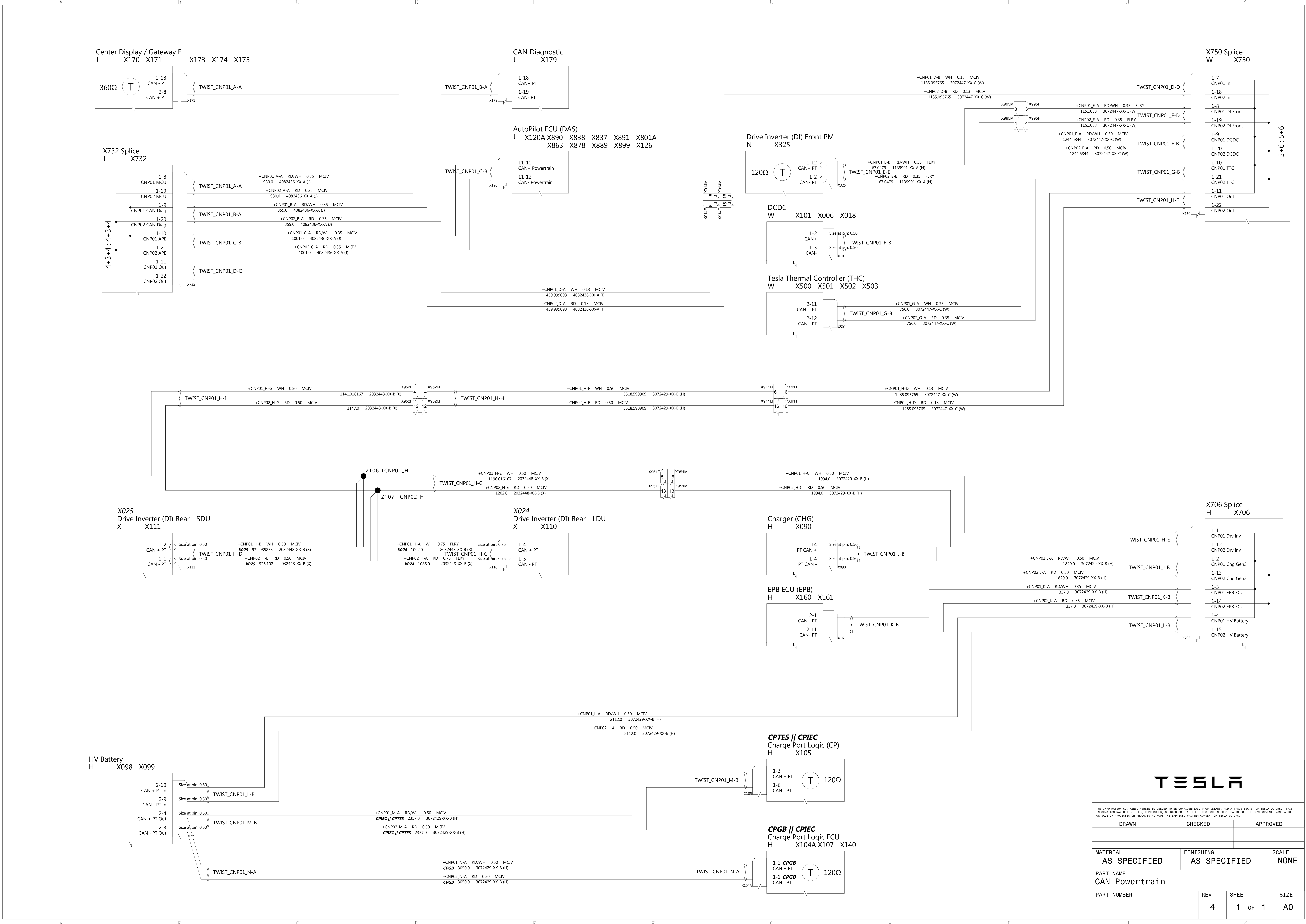
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PART NAME CAN Chassis

PART NUMBER	REV	SHEET	SIZE
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MATERIAL		FINISHING		SCALE
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PART NAME				
CAN Falcon				
PART NUMBER		REV	SHEET	SIZE
		3	1 OF 1	A0



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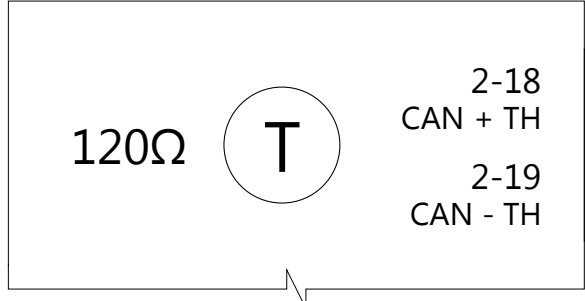
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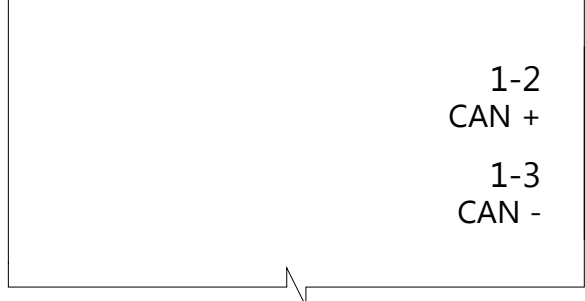
PART NAME CAN Powertrain

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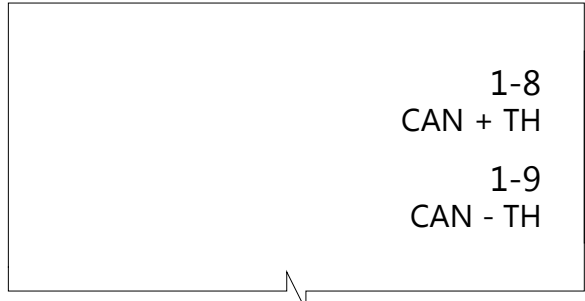
Tesla Thermal Controller (THC)
W X500 X501 X502X503



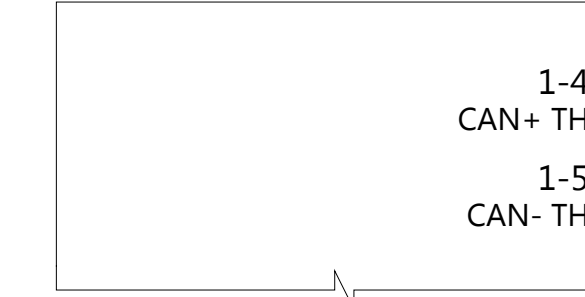
HVAC Compressor
W X530 X531



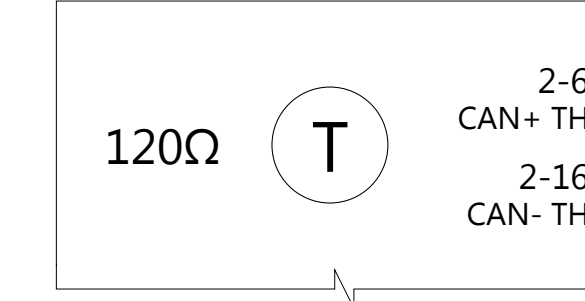
Rear HVAC Case RC
H X537 X538



CAN Diagnostic
J X179



Center Display / Gateway E
J X170 X171 X173 X174 X175



TWIST_CNT01_G-B

TWIST_CNT01_F-B

TWIST_CNT01_D-C

TWIST_CNT01_B-A

TWIST_CNT01_A-A

CNT01_G-A WH 0.35 MCV
726.0 3072447-XX-C (W)

CNT02_G-A BU 0.35 MCV
726.0 3072447-XX-C (W)

CNT01_F-A BU/WH 0.50 FLRY
1361.053 3072447-XX-C (W)

CNT02_F-A BU 0.50 FLRY
1361.053 3072447-XX-C (W)

CNT02_E-A BU 0.13 MCV
1255.095765 3072447-XX-C (W)

CNT01_E-A WH 0.13 MCV
1255.095765 3072447-XX-C (W)

CNT01_D-B BU/WH 0.35 MCV
3345.0 3072429-XX-B (H)

CNT02_D-B BU 0.35 MCV
3345.0 3072429-XX-B (H)

CNT01_C-B BU/WH 0.35 MCV
1229.0 3072429-XX-B (H)

CNT02_C-B BU 0.35 MCV
1229.0 3072429-XX-B (H)

CNT01_C-A BU/WH 0.35 MCV
414.999093 4082436-XX-A (J)

CNT02_C-A BU 0.35 MCV
414.999093 4082436-XX-A (J)

CNT01_B-A BU/WH 0.35 MCV
359.0 4082436-XX-A (J)

CNT02_B-A BU 0.35 MCV
359.0 4082436-XX-A (J)

CNT01_A-A BU/WH 0.35 MCV
930.0 4082436-XX-A (J)

CNT02_A-A BU 0.35 MCV
930.0 4082436-XX-A (J)

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TWIST_CNT01_F-B

TWIST_CNT01_E-C

TWIST_CNT01_E-A

TWIST_CNT01_D-C

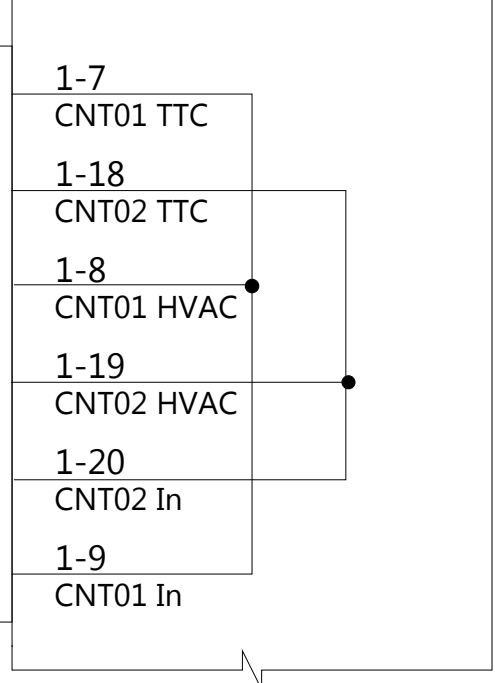
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TWIST_CNT01_C-C

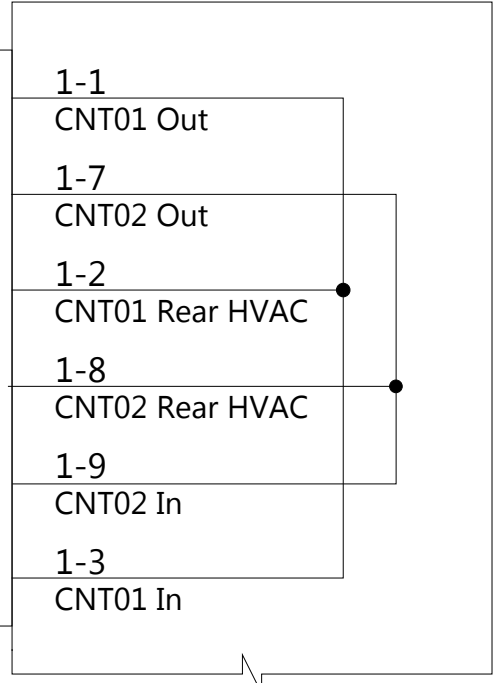
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TWIST_CNT01_A-A

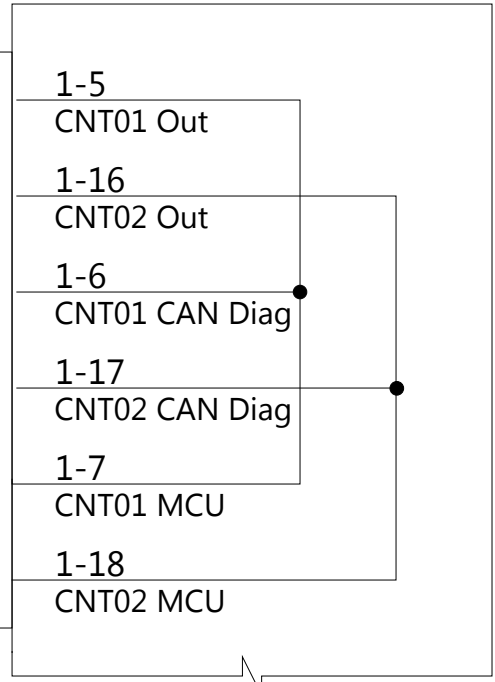
X751 Splice
W X751



X700 Splice
H X700



X732 Splice
J X732



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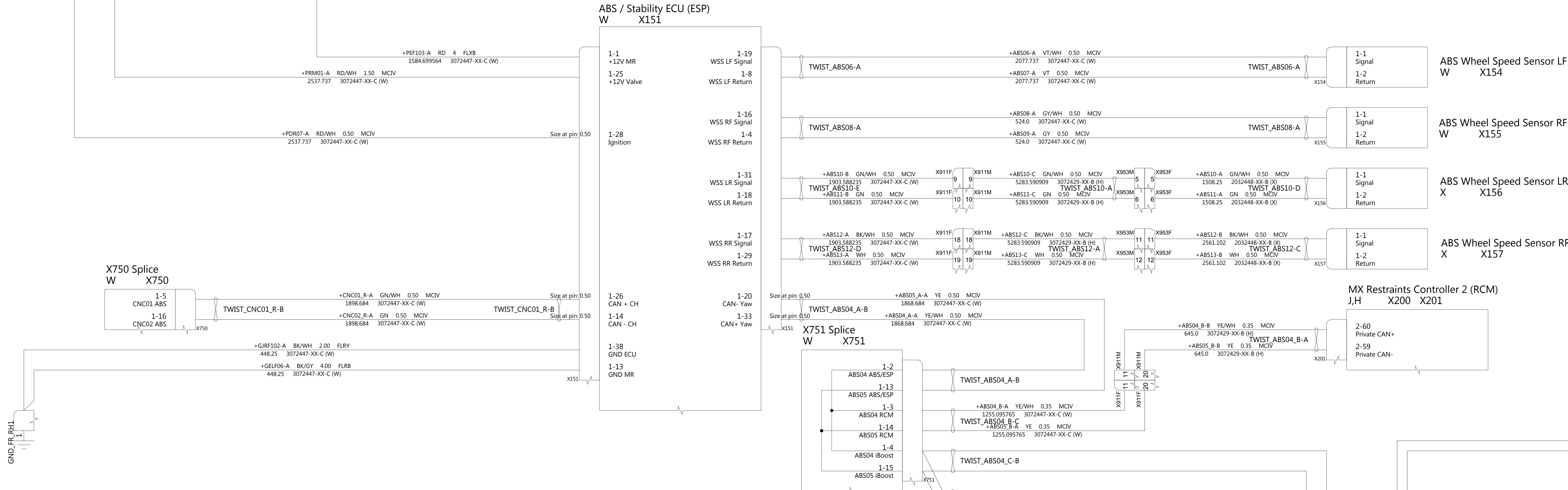
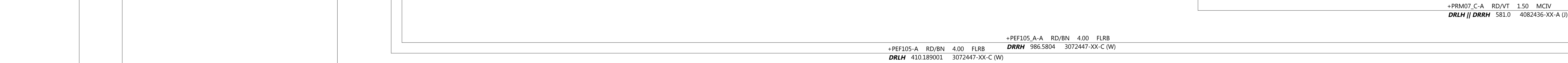
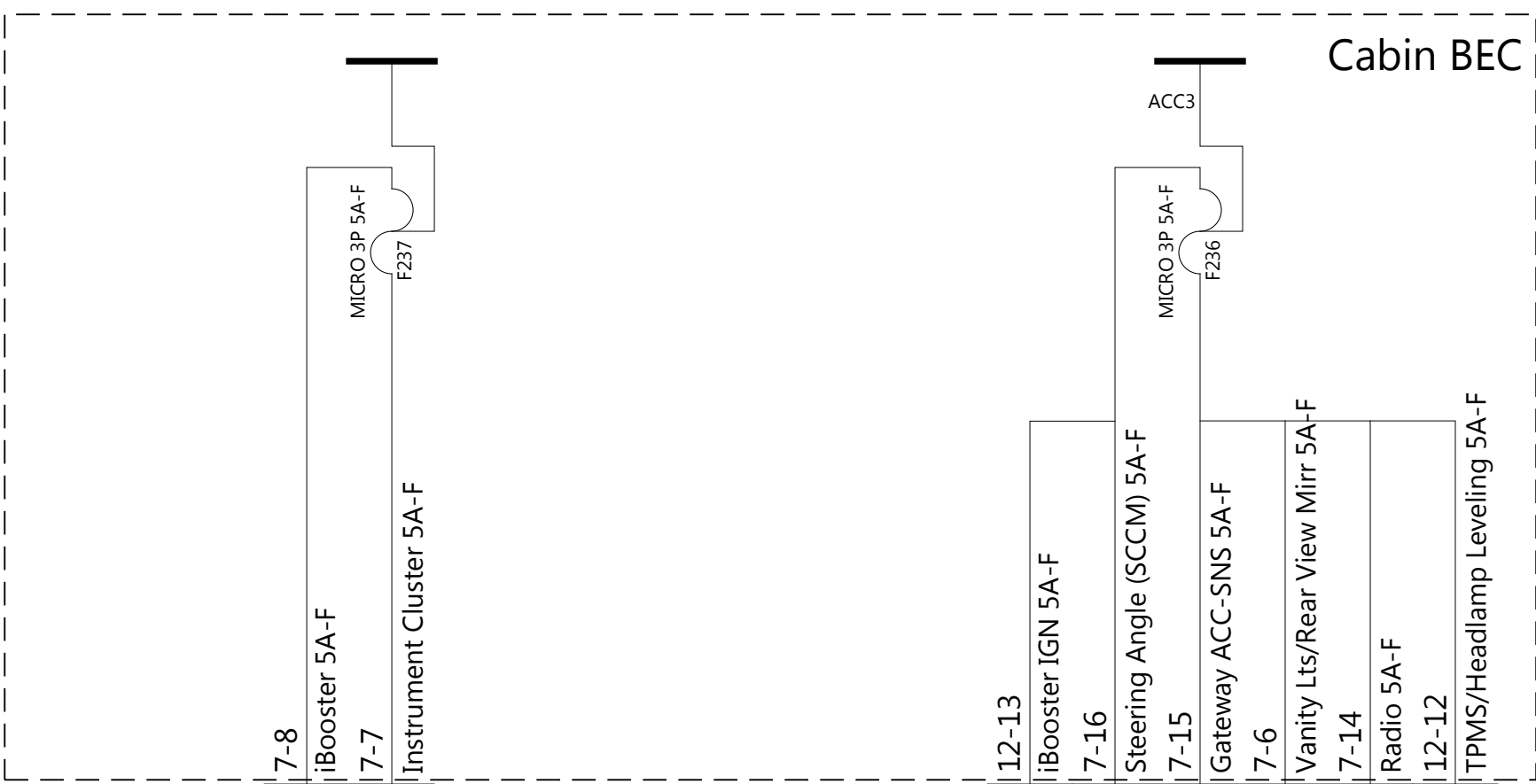
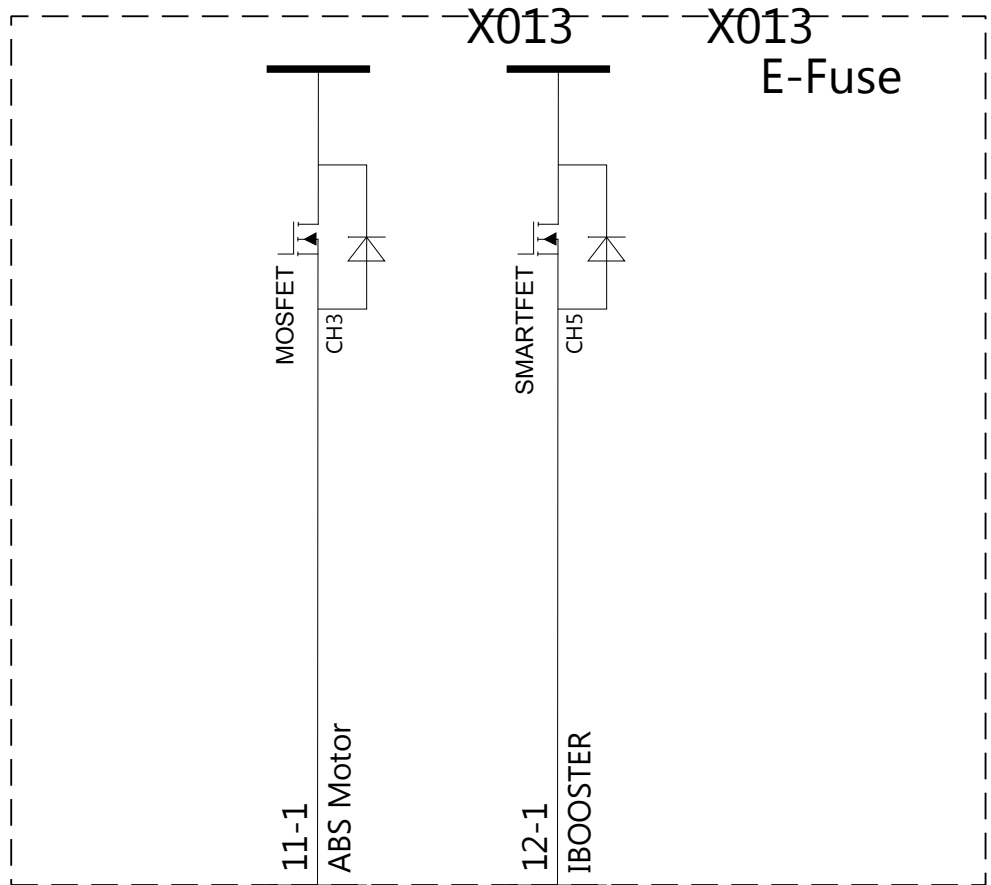
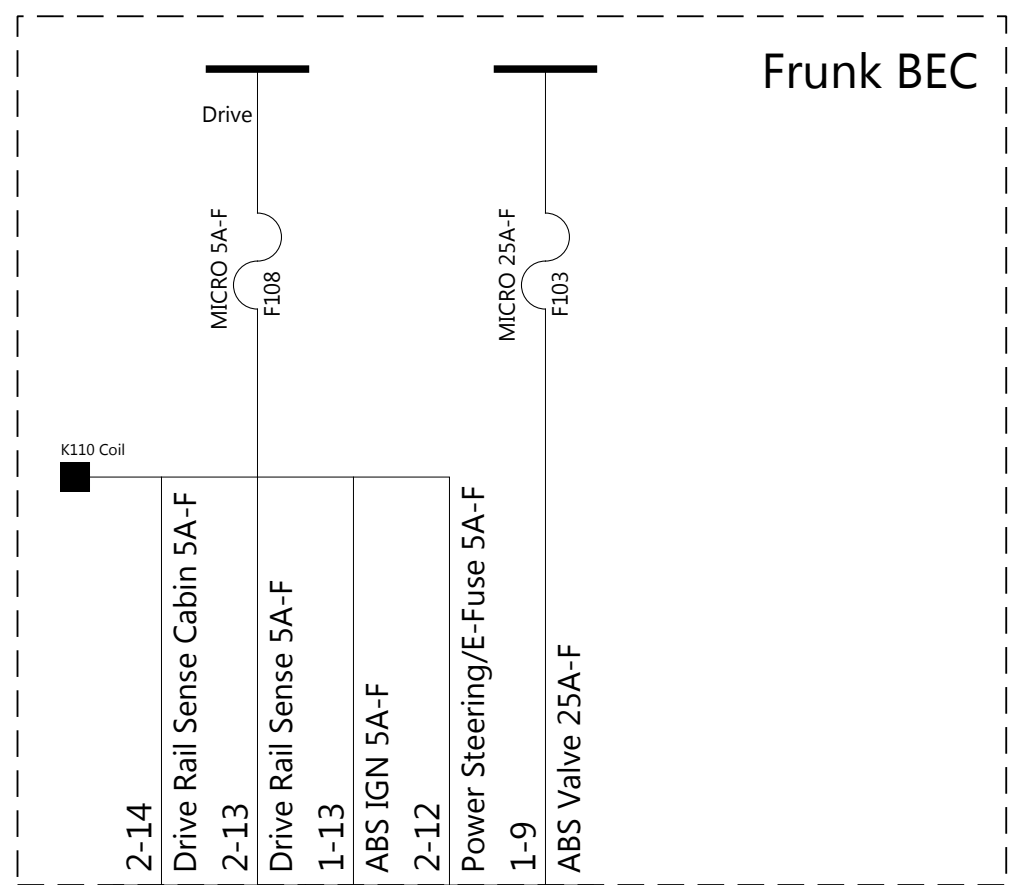
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DRAWN	CHECKED	APPROVED

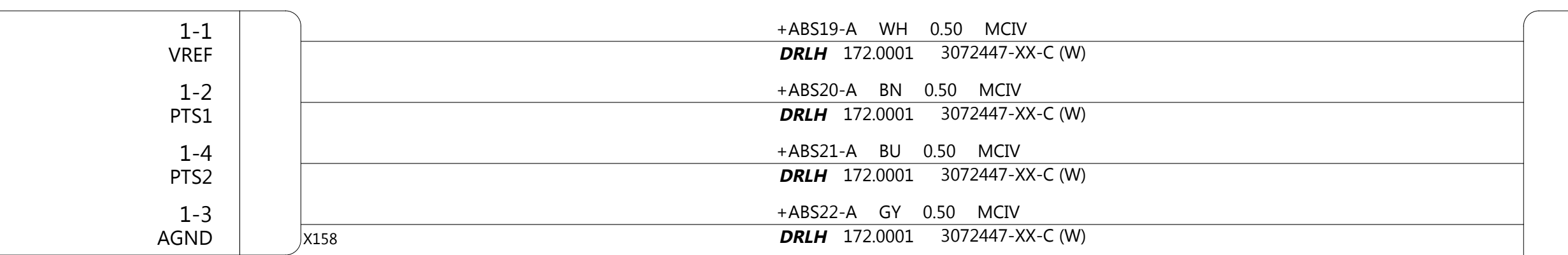
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PART NAME CAN Thermal			
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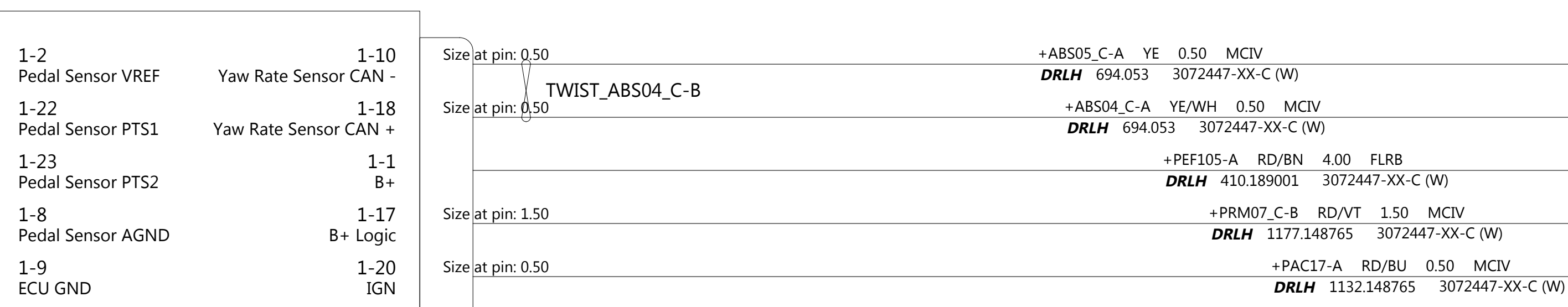
PART NUMBER	REV	SHEET	SIZE
	3	1 of 1	A0



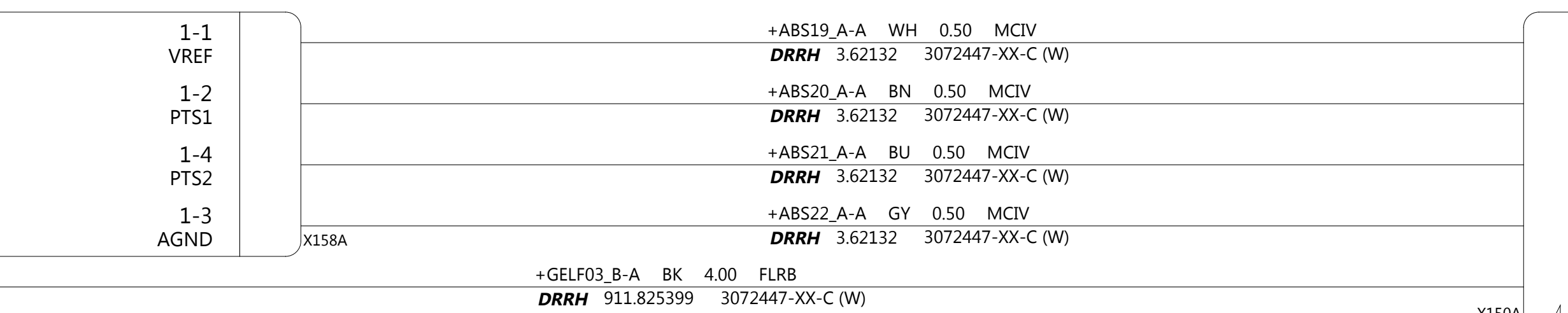
DRLH
iBoost Pedal Sensor
W X158



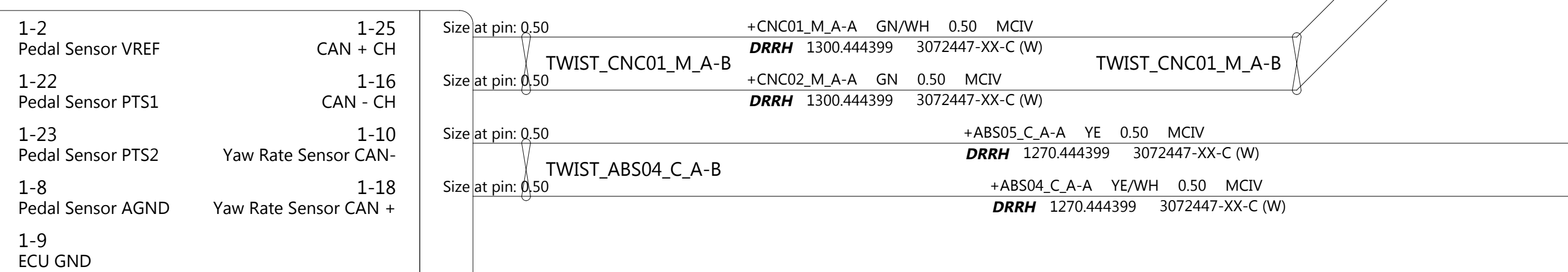
DRLH
iBooster ECU (IBST)
W X150



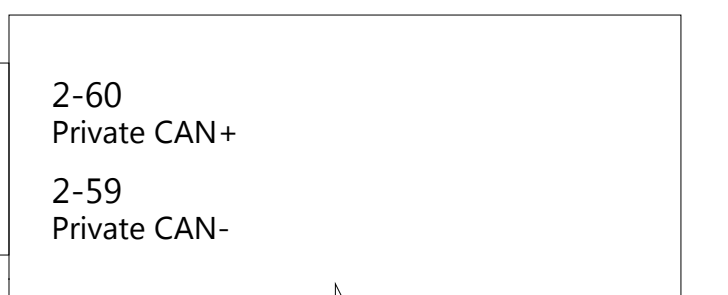
DRRH
iBoost Pedal Sensor RHD
W X158A



DRRH
iBooster ECU RHD (IBST)
W X150A



**MX Restraints Controller 2 (RCM)
J,H X200 X201**



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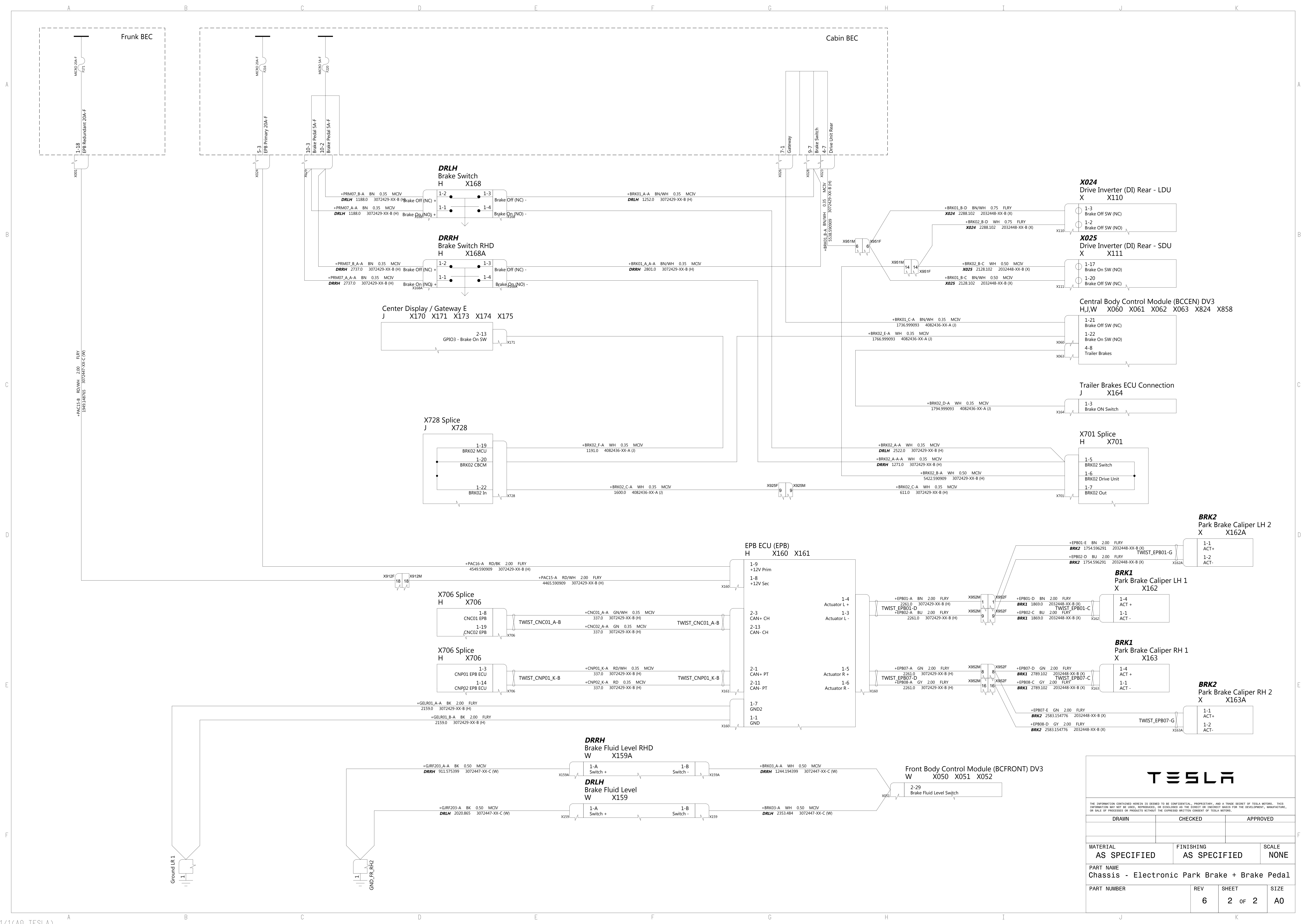
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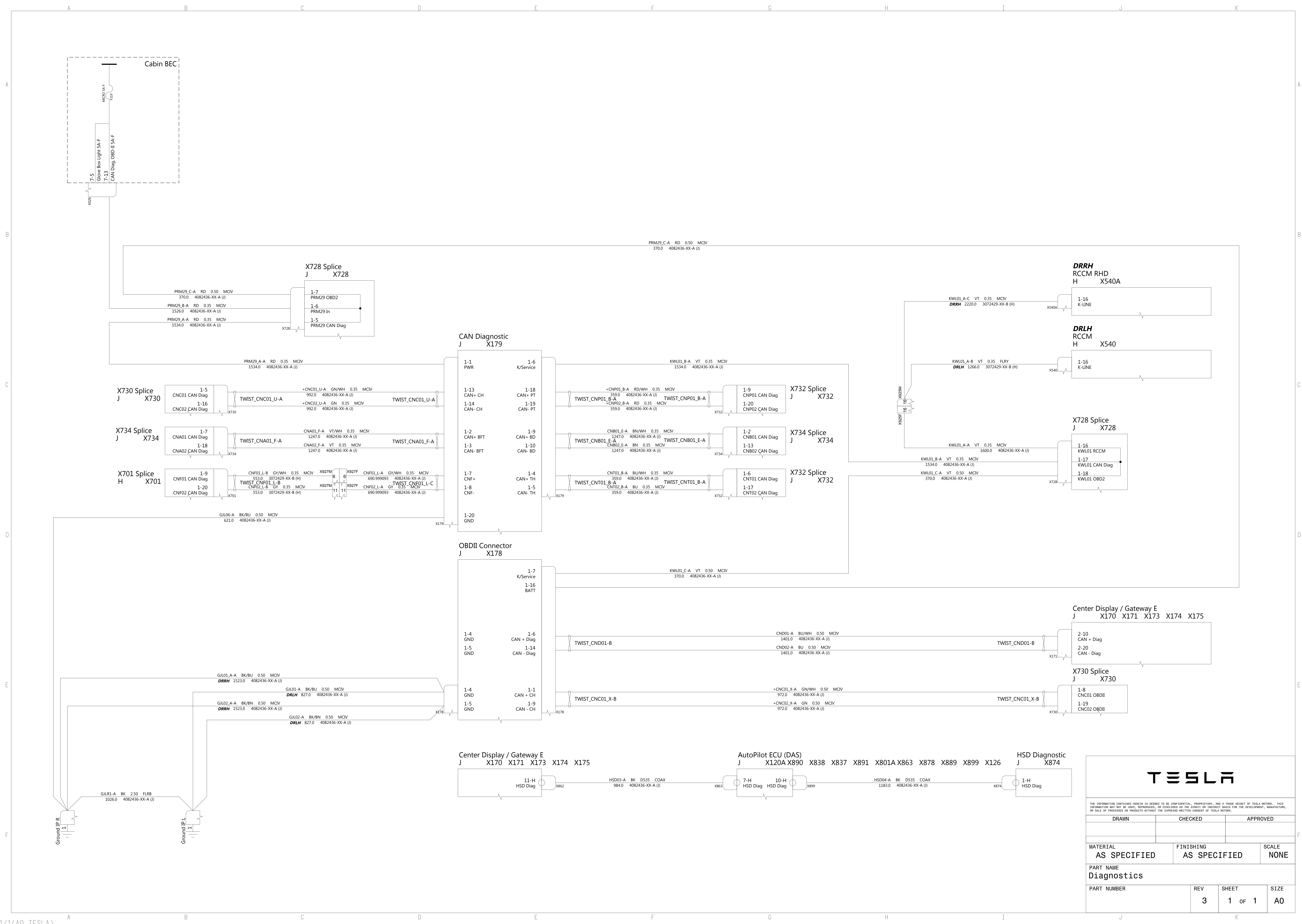
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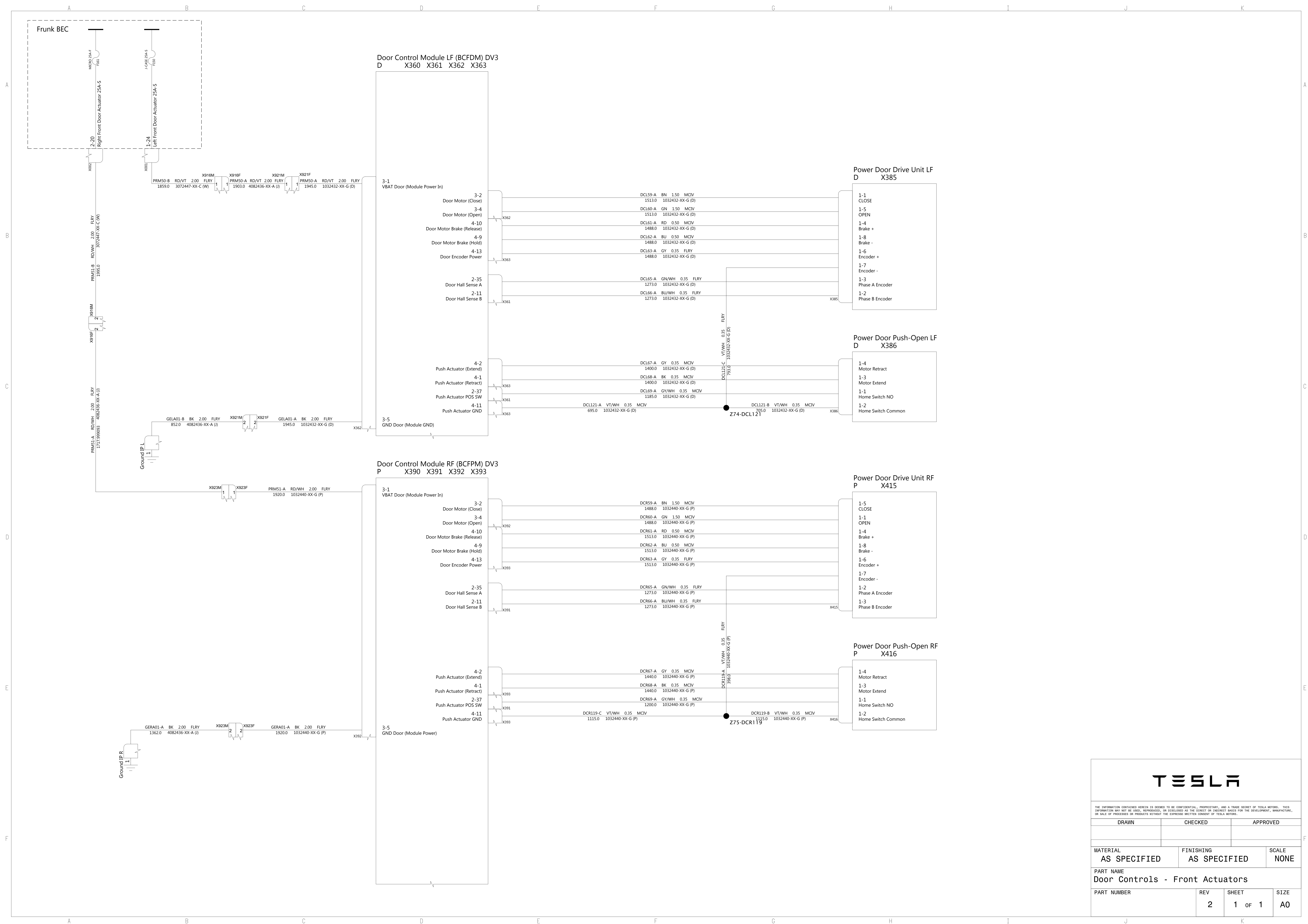
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
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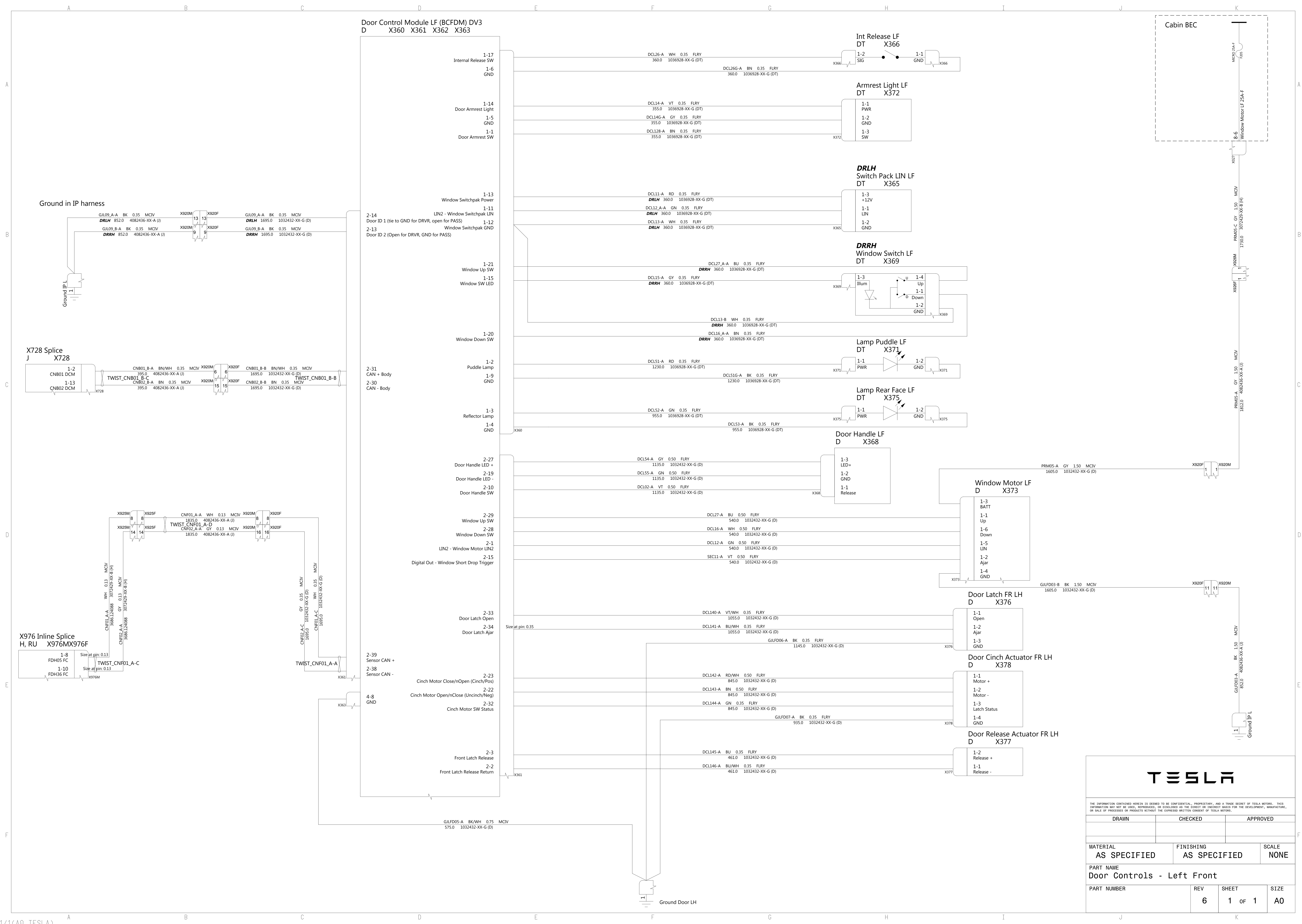
PART NAME
Chassis - Braking and Stability

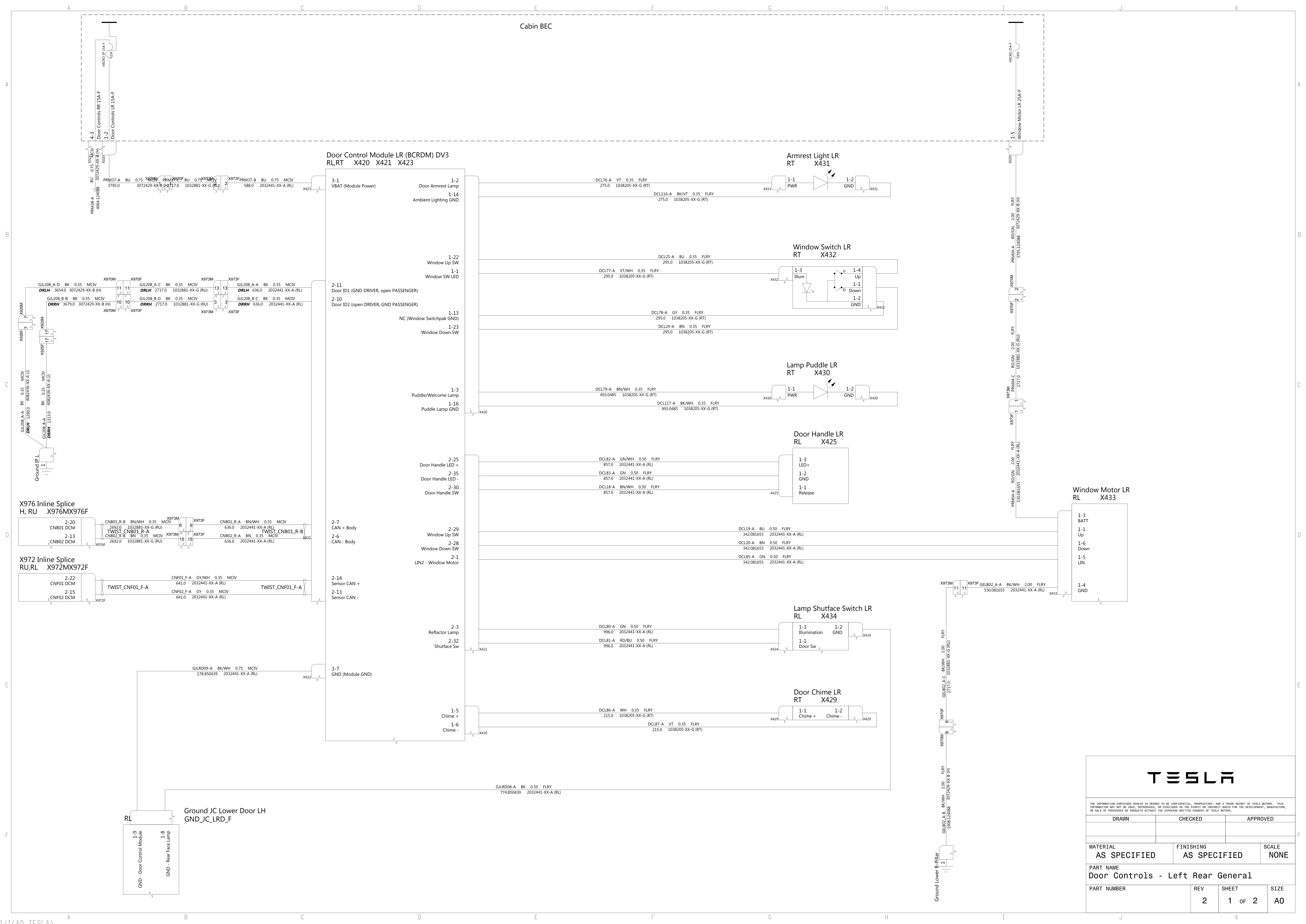
PART NUMBER	REV	SHEET	SIZE
	6	1 OF 2	A0











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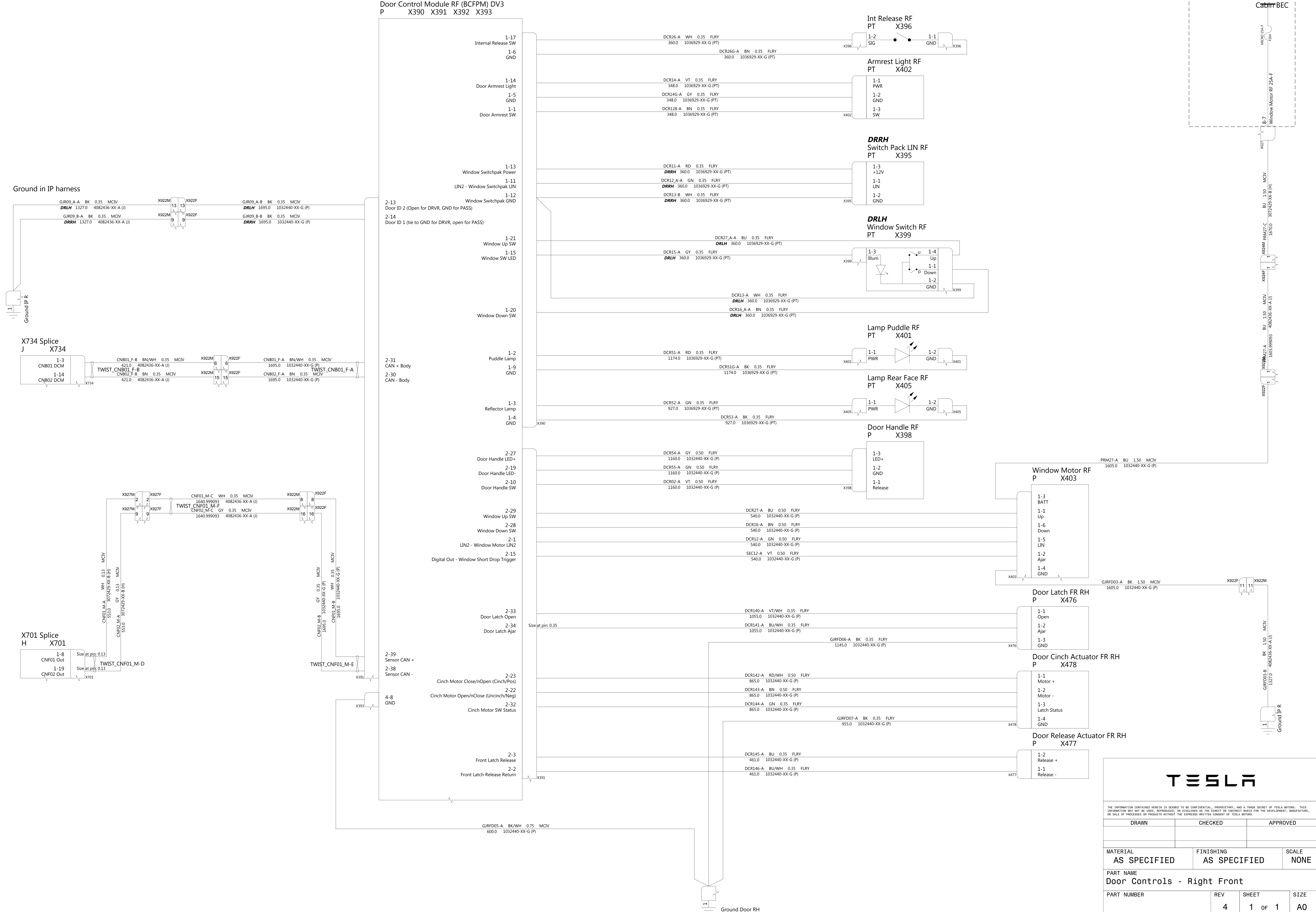
DRAWN	CHECKED	APPROVED

MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
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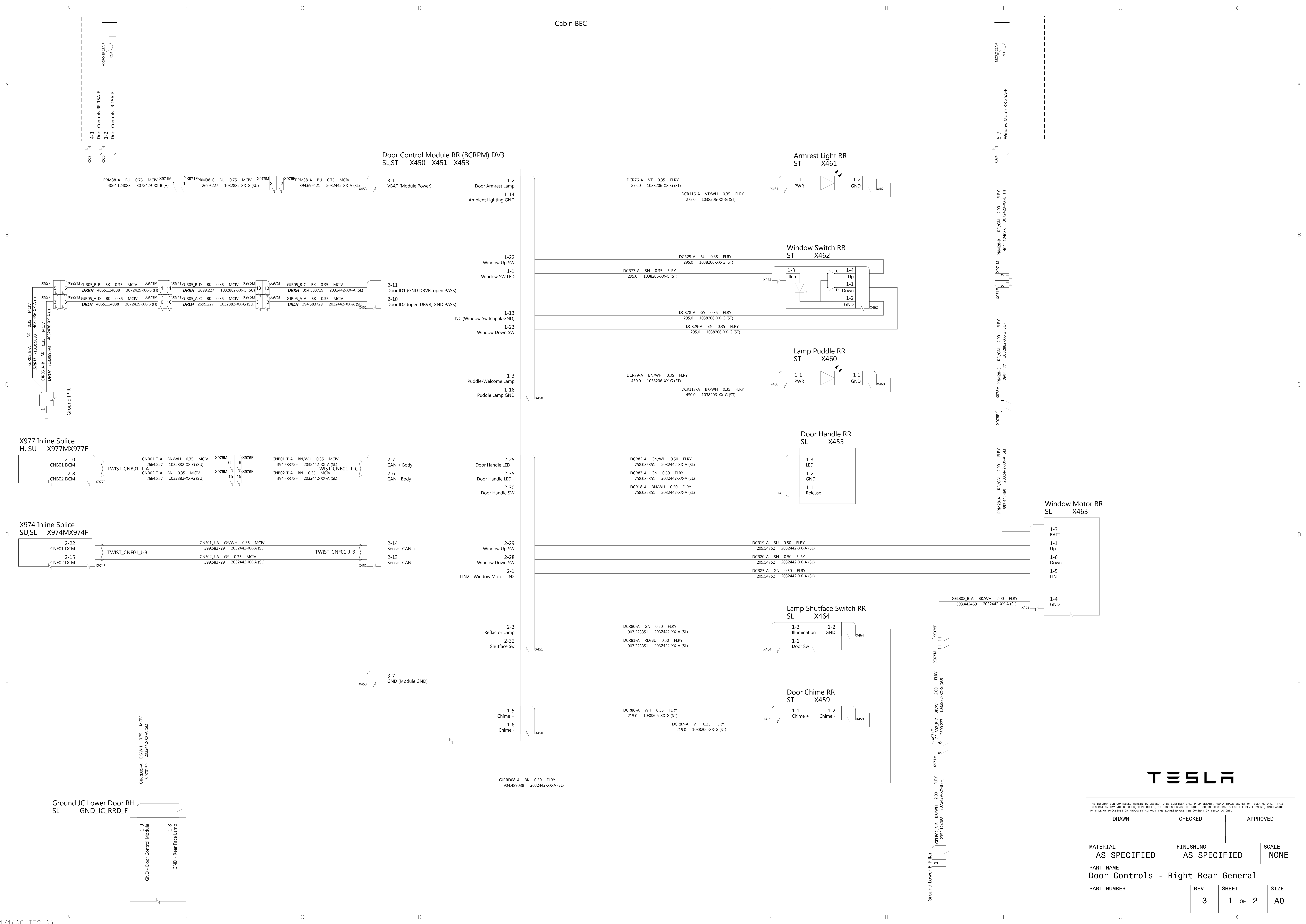
PART NAME Door Controls - Left Rear General
--

PART NUMBER	REV 2	SHEET 1 OF 2	SIZE A0
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Door Control Module RF (BCFPM) DV3
P X390 X391 X392 X393



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DRAWN	CHECKED	APPROVED	
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE	
PART NAME Door Controls - Right Front			
PART NUMBER	REV 4	SHEET 1 OF 1	SIZE A0



TESLA

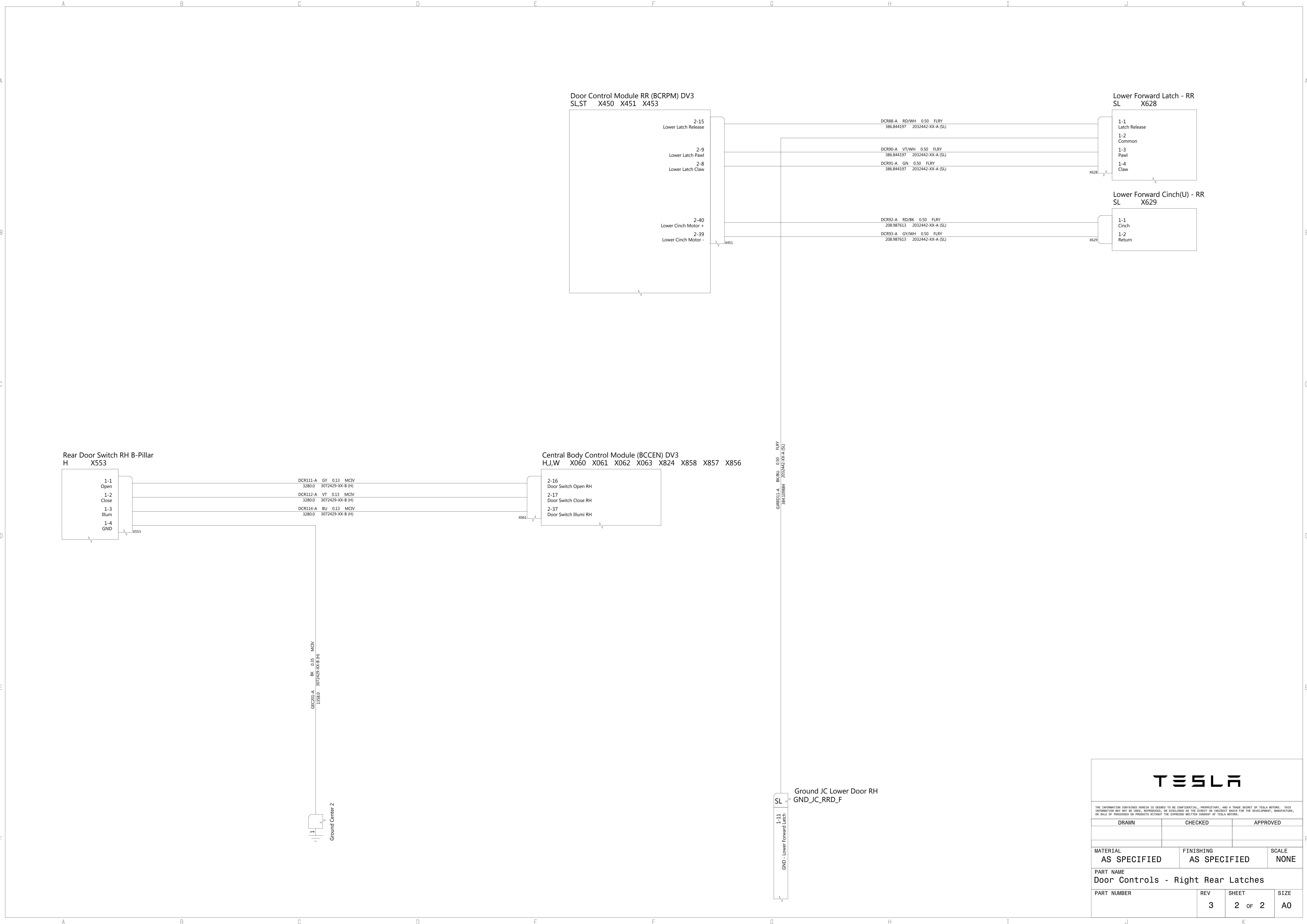
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DRAWN	CHECKED	APPROVED

MATERIAL	FINISHING	SCALE
AS SPECIFIED	AS SPECIFIED	NONE

PART NAME
Door Controls - Right Rear General

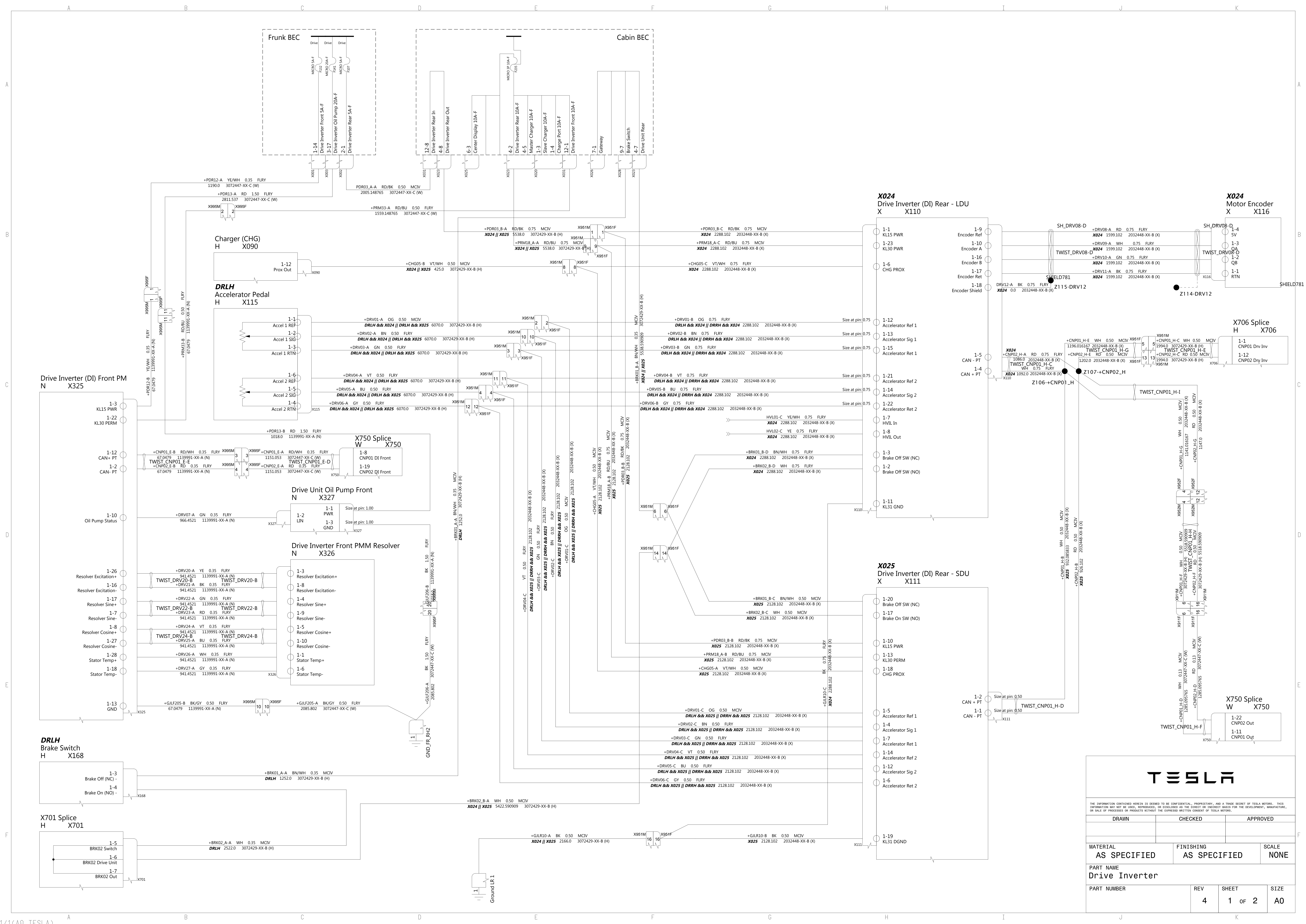
PART NUMBER	REV	SHEET	SIZE
	3	1 OF 2	A0

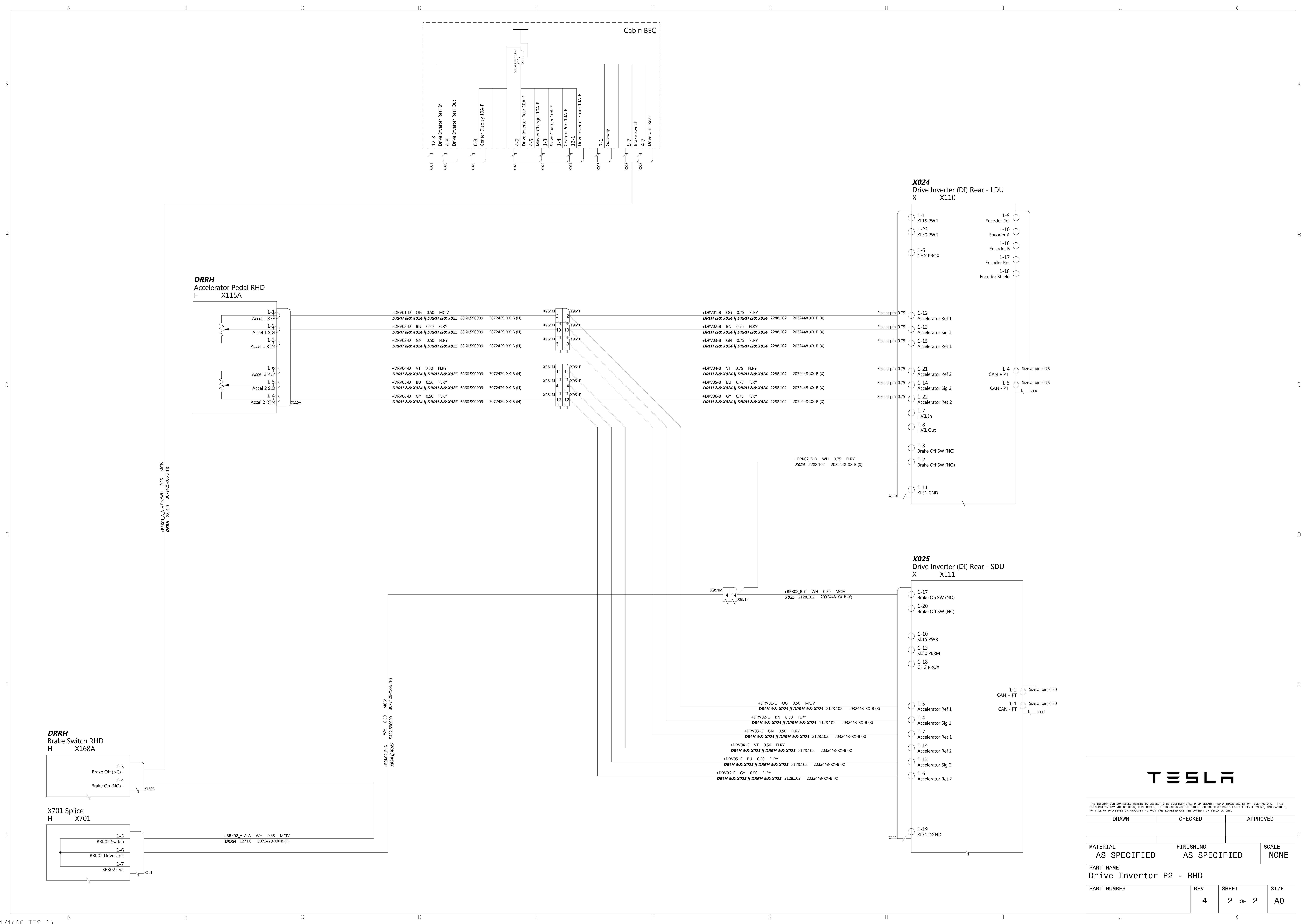


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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME Door Controls - Right Rear Latches		
PART NUMBER	REV 3	SHEET 2 OF 2
		SIZE A0





TESLA

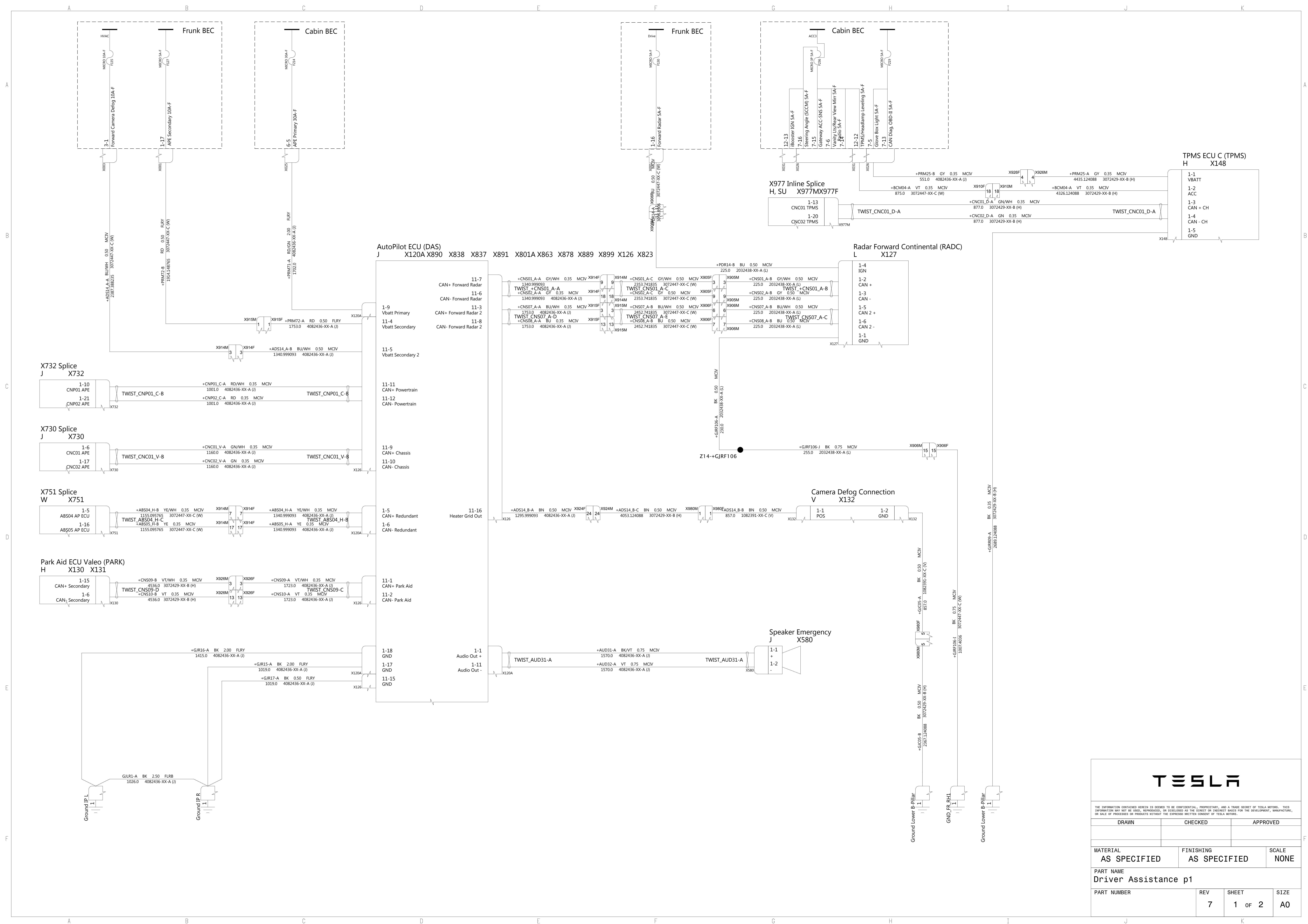
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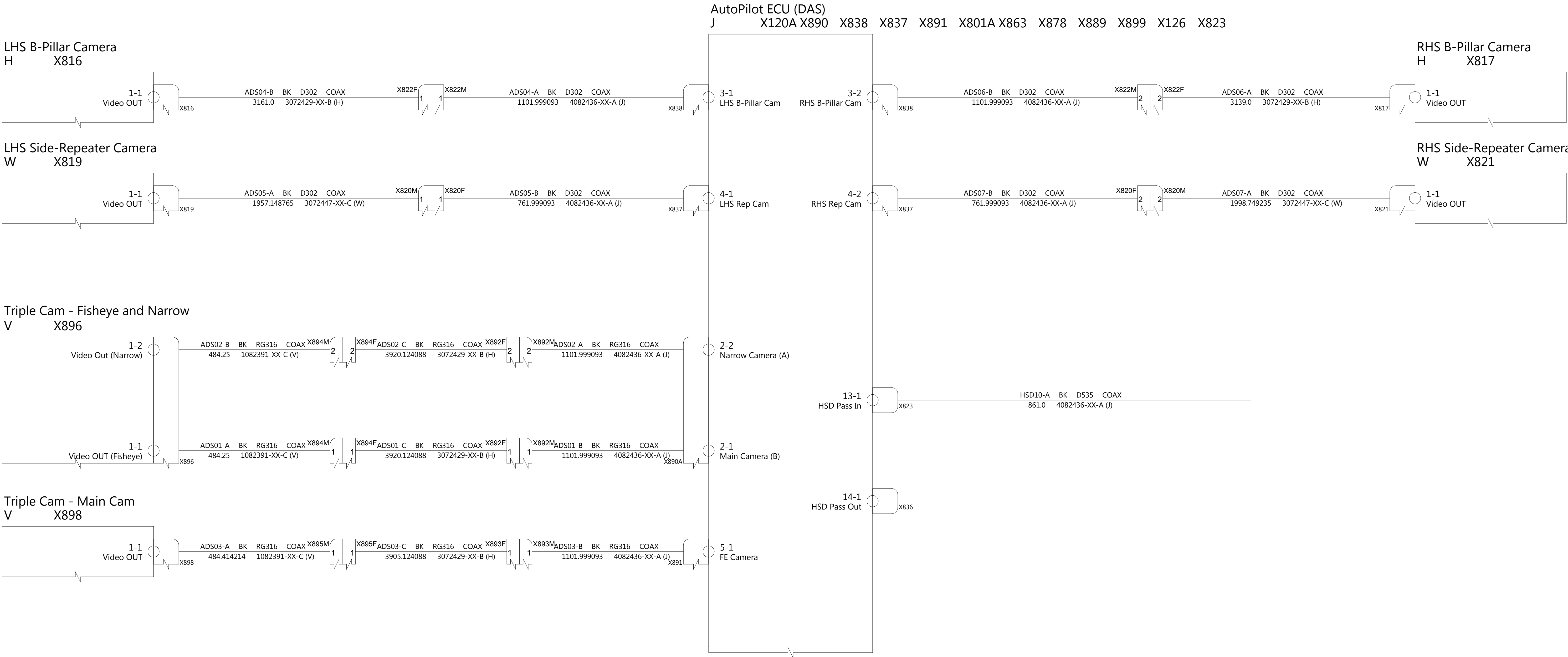
DRAWN	CHECKED	APPROVED

MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
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PART NAME Drive Inverter P2 - RHD			
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PART NUMBER	REV	SHEET	SIZE
	4	2 OF 2	A0





TESLA

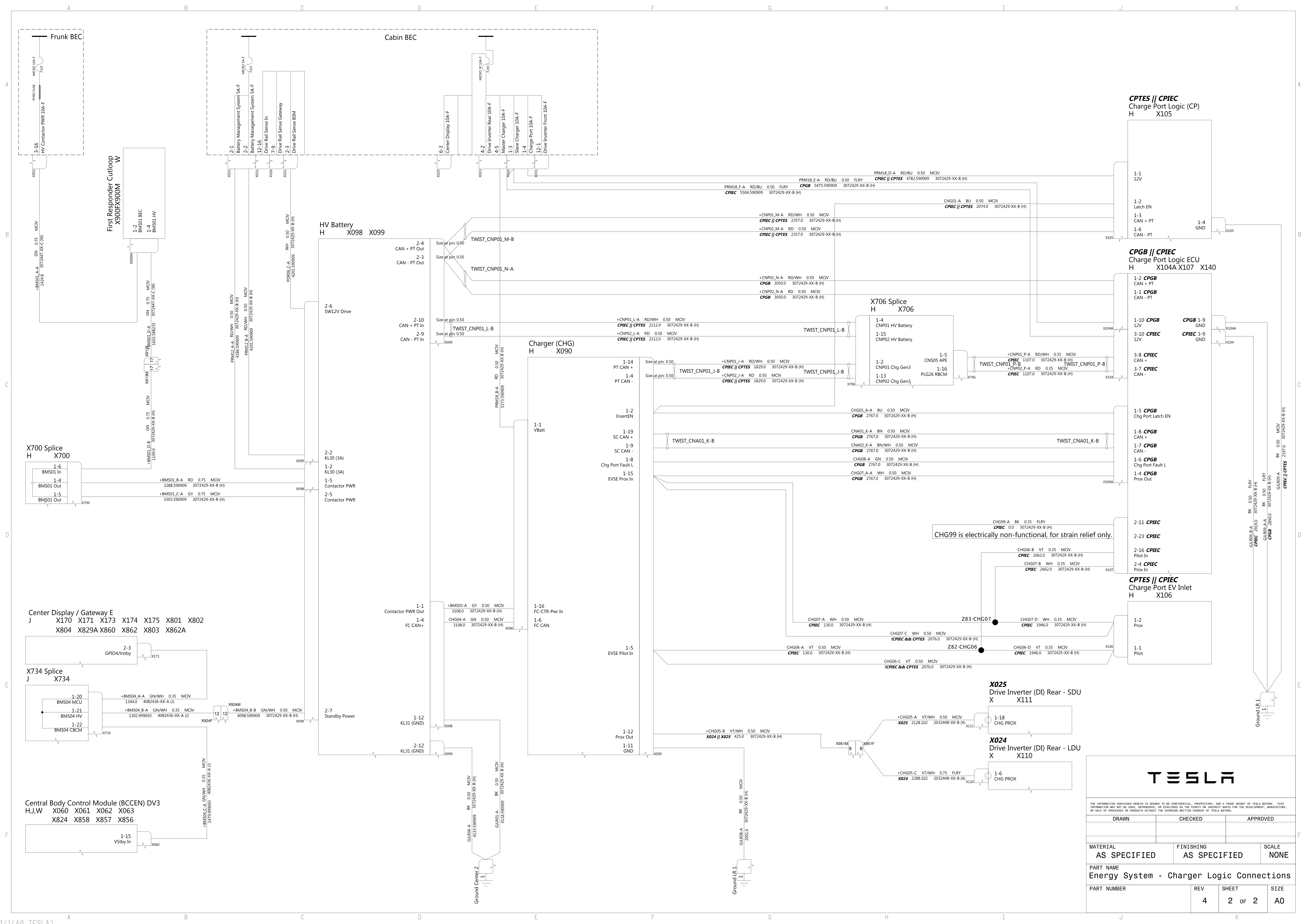
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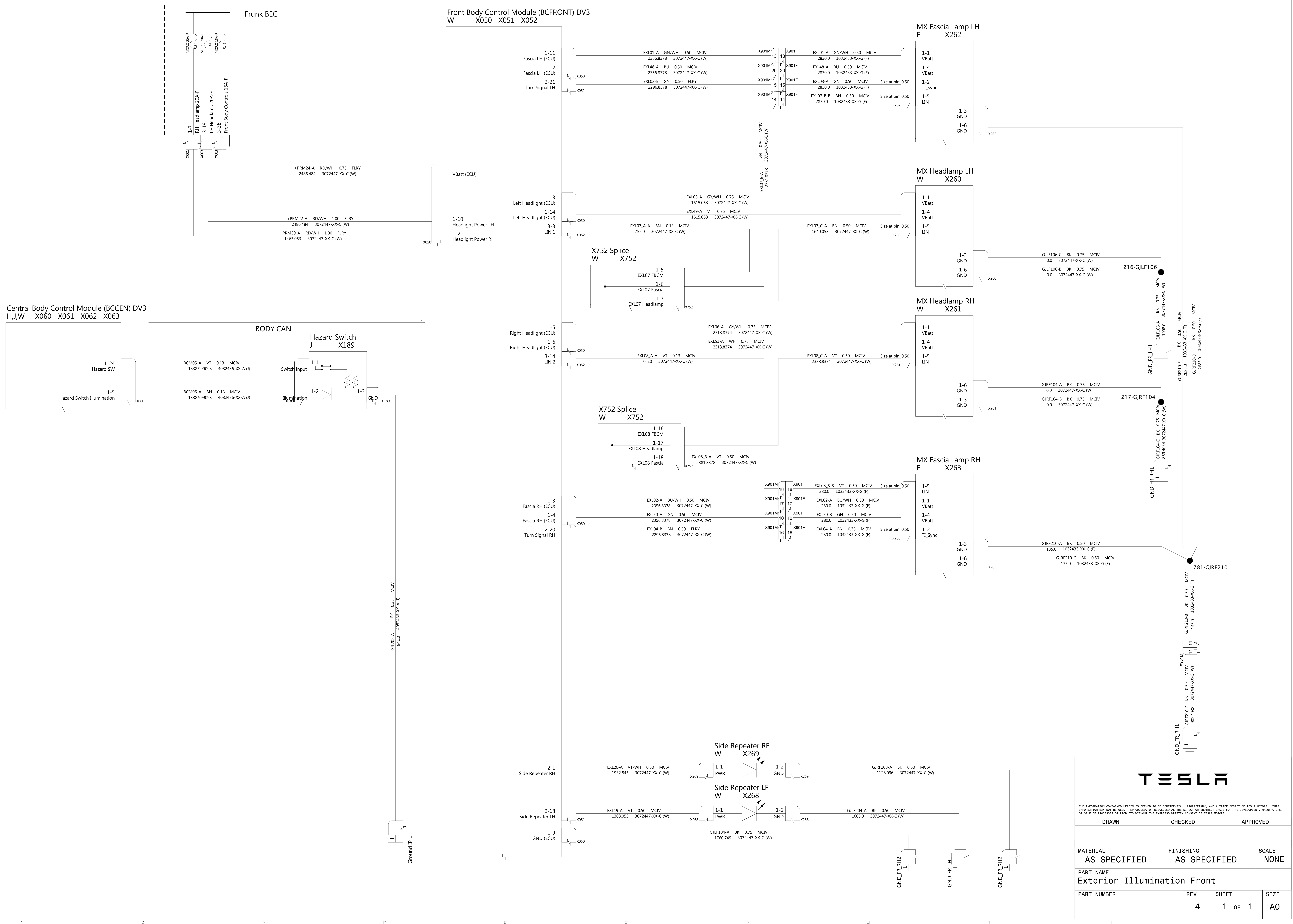
DRAWN	CHECKED	APPROVED

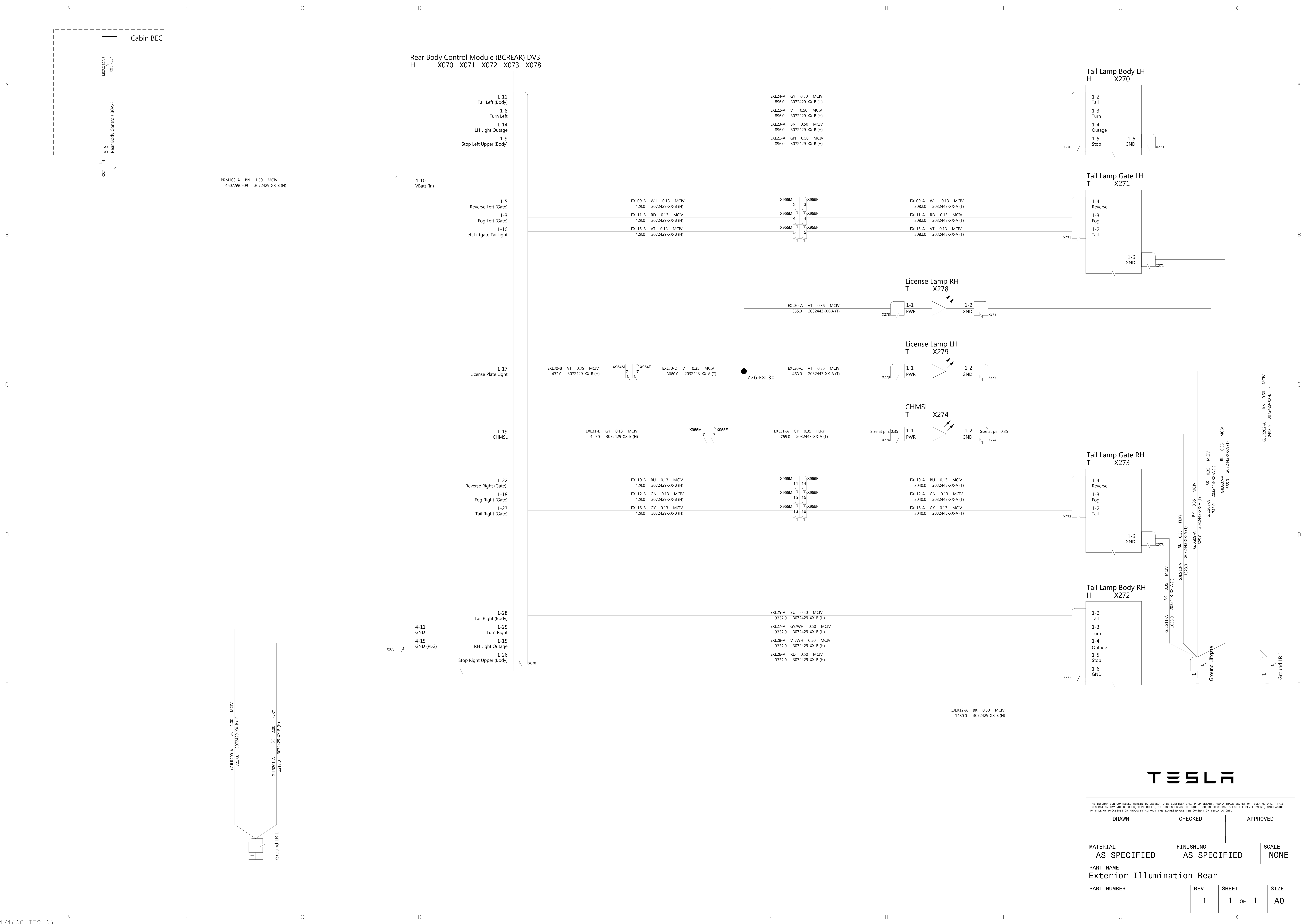
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
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PART NAME
Driver Assistance p2

PART NUMBER	REV	SHEET	SIZE
	7	2 OF 2	A0



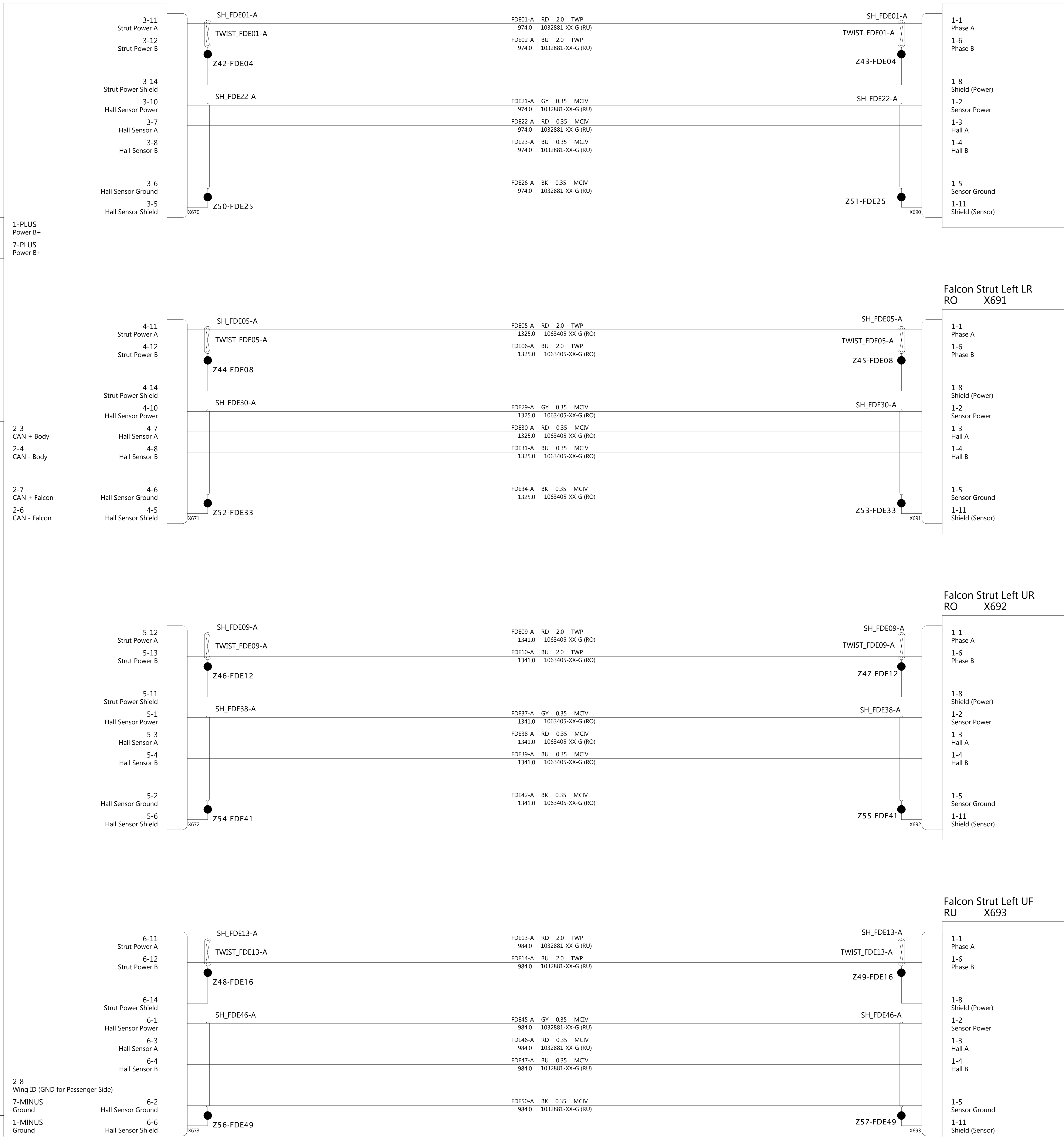
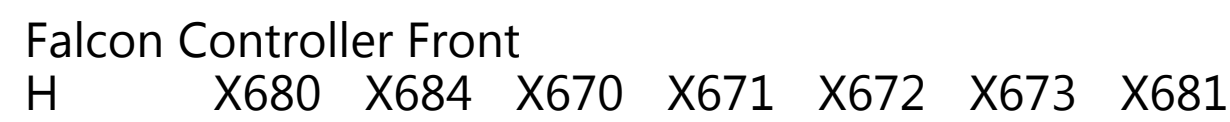
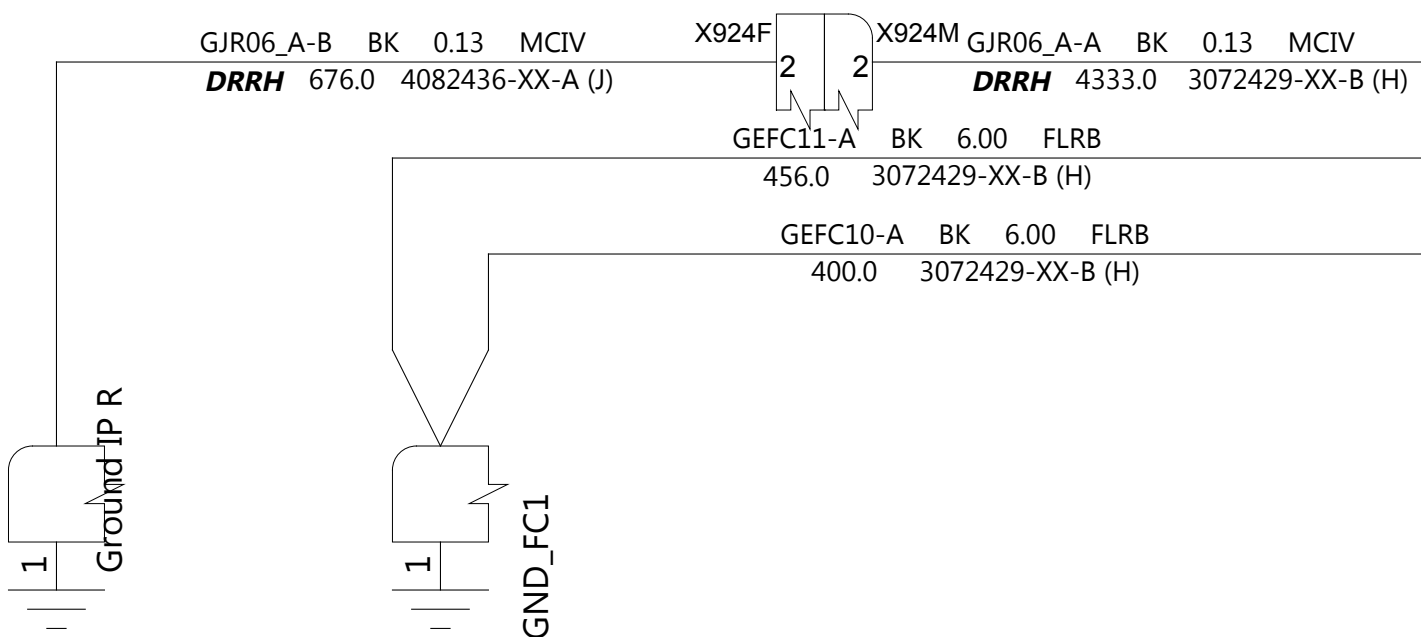
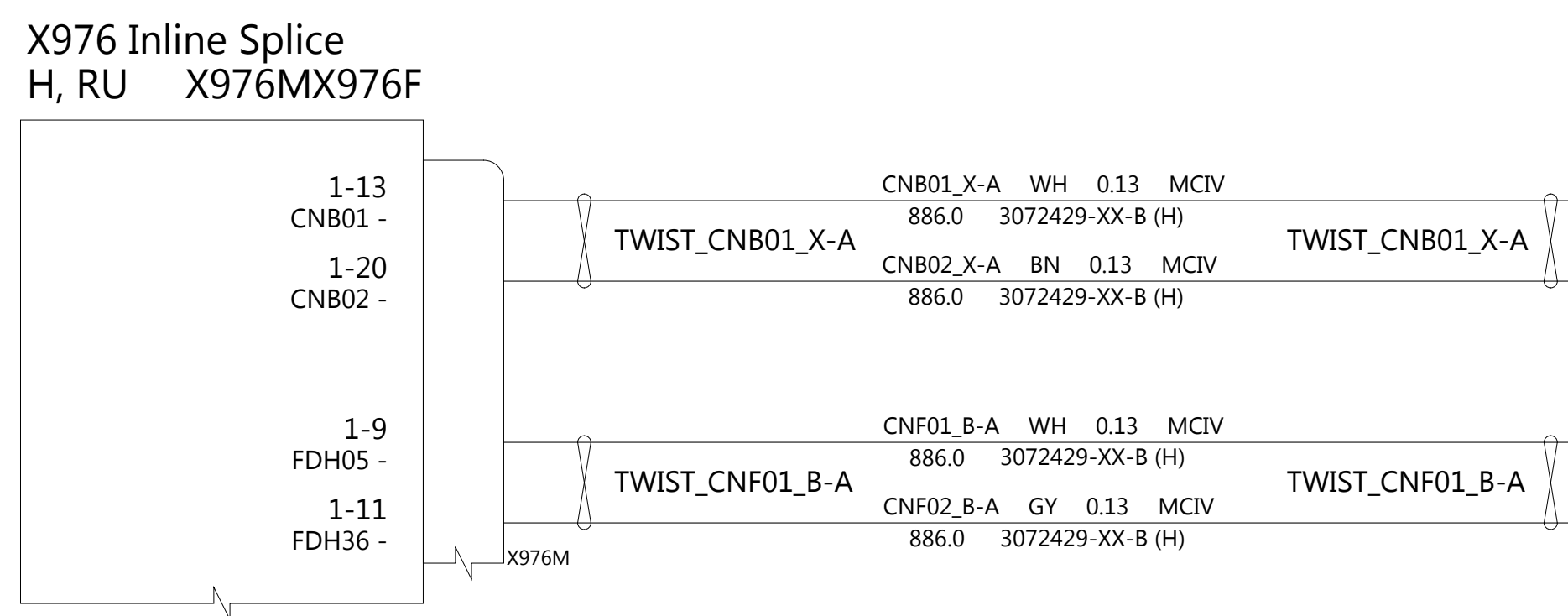
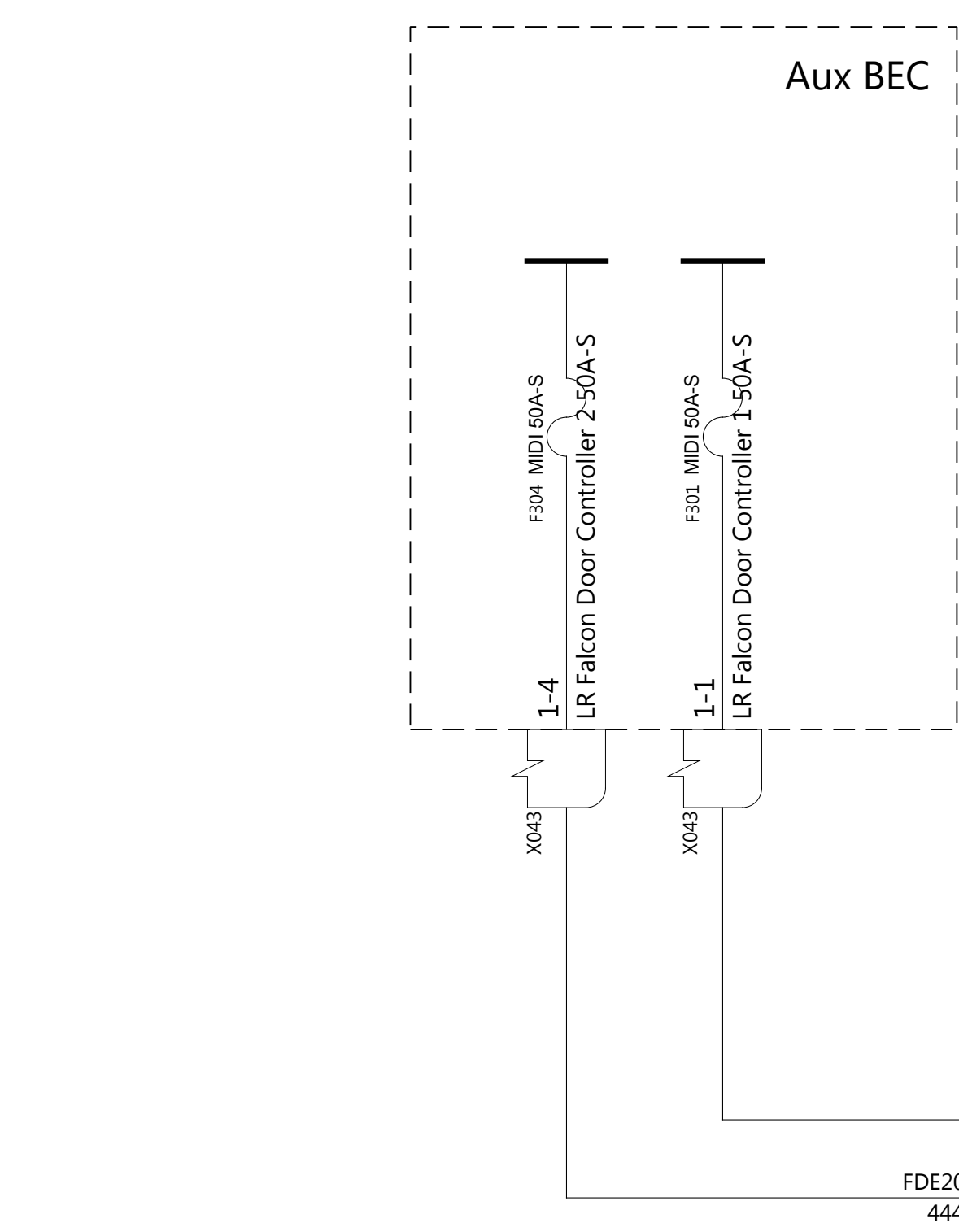




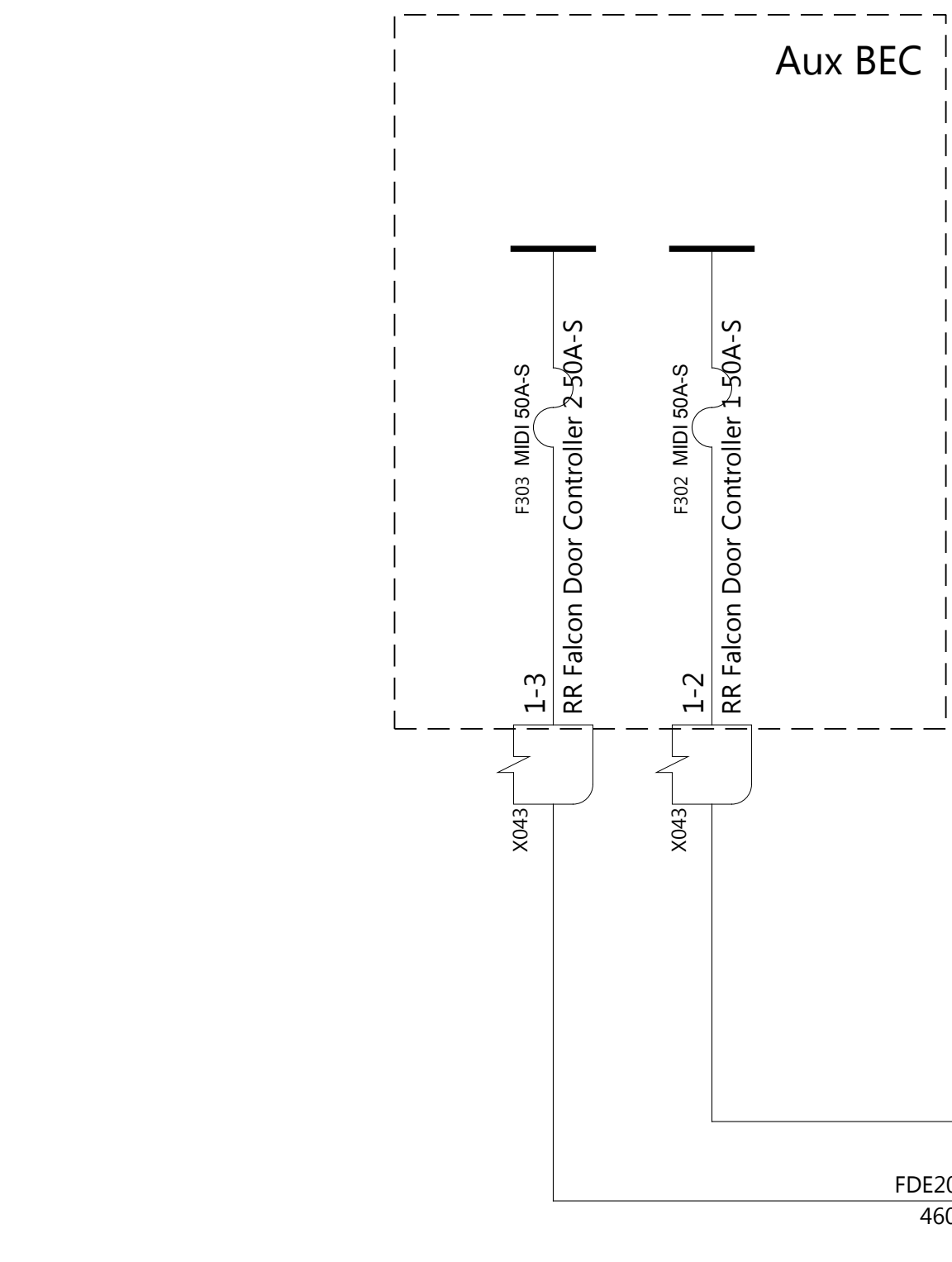
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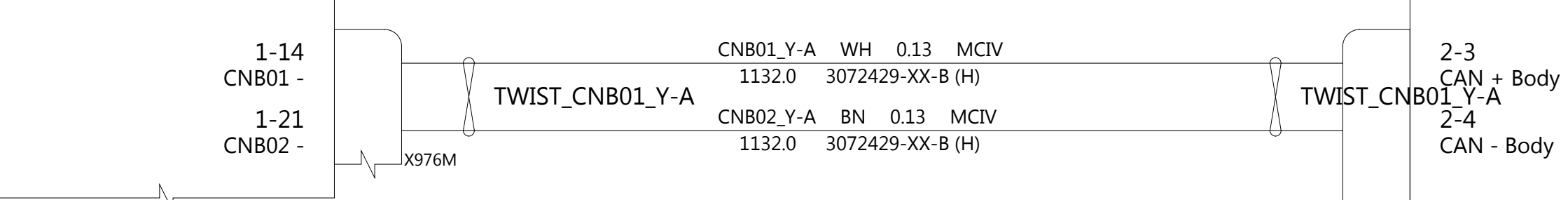
DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME Exterior Illumination Rear		
PART NUMBER	REV 1	SHEET 1 OF 1
		SIZE A0



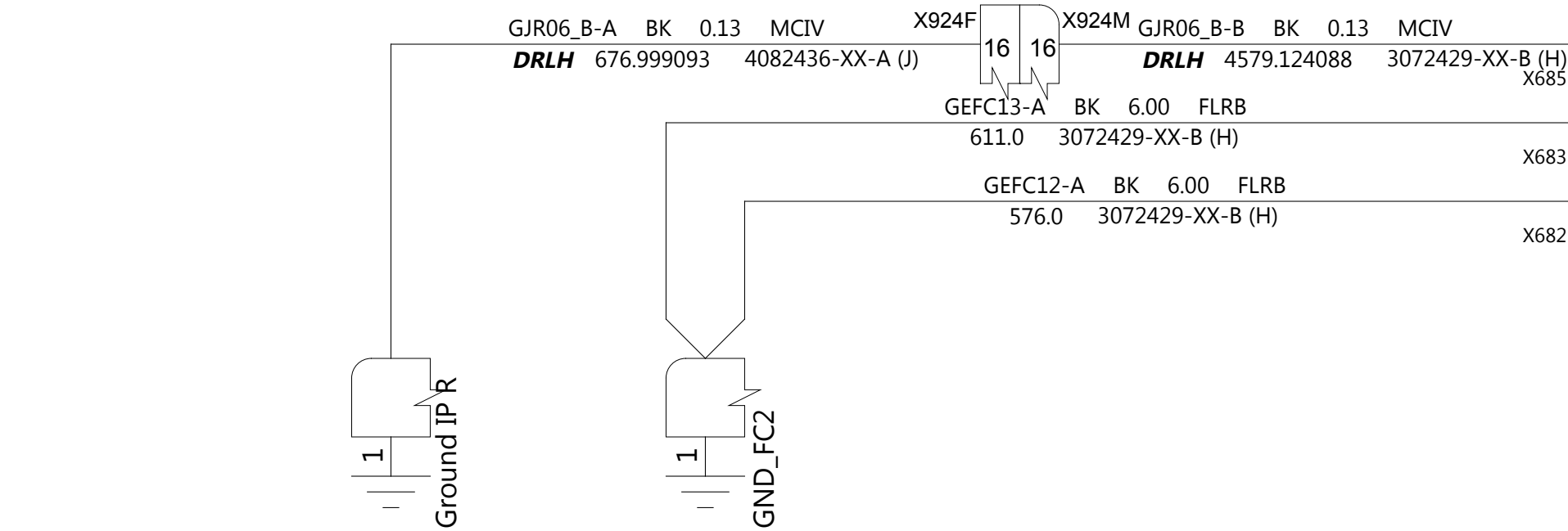
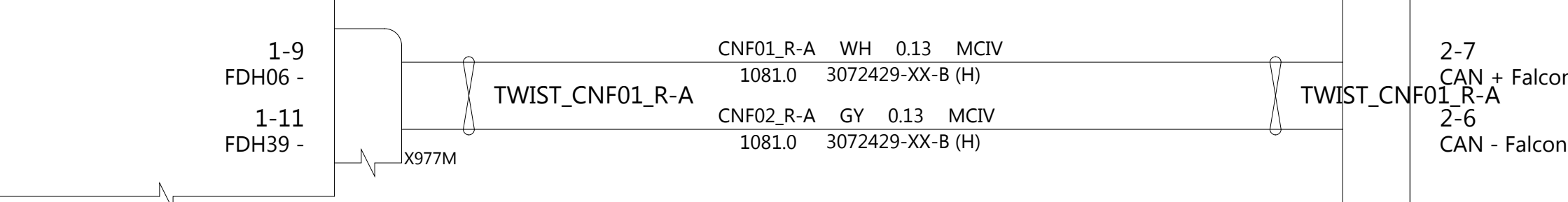
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DRAWN		CHECKED	APPROVED
MATERIAL		FINISHING	SCALE
AS SPECIFIED		AS SPECIFIED	NONE
PART NAME			
Falcon Doors - Electric Left			
PART NUMBER	REV	SHEET	SIZE
	4	1 OF 5	A0



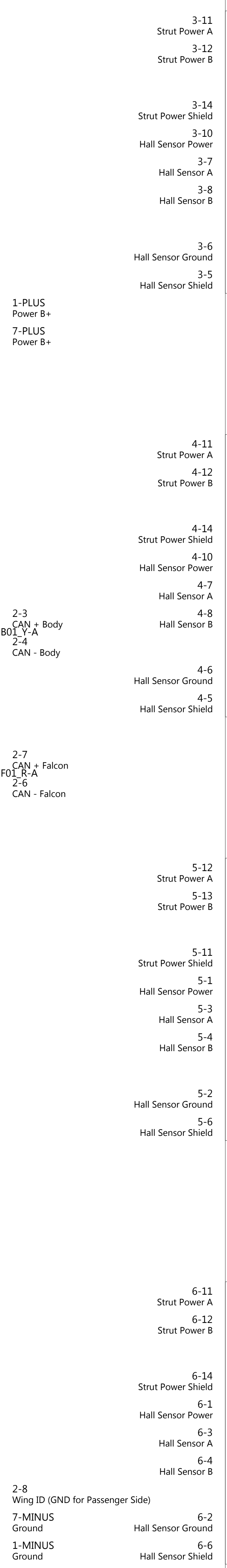
X976 Inline Splice
H, RU X976MX976F



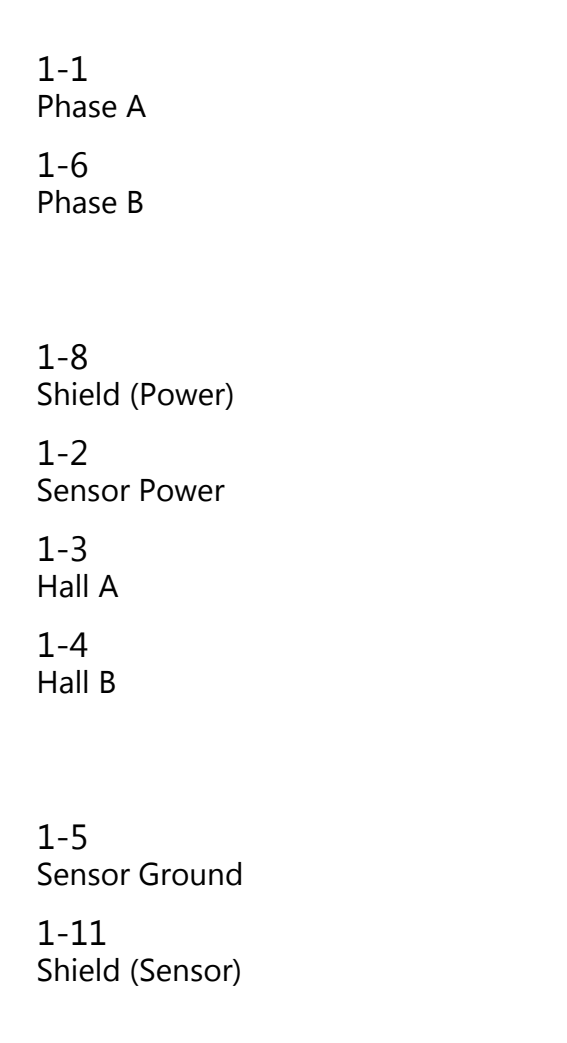
X977 Inline Splice
H, SU X977MX977F



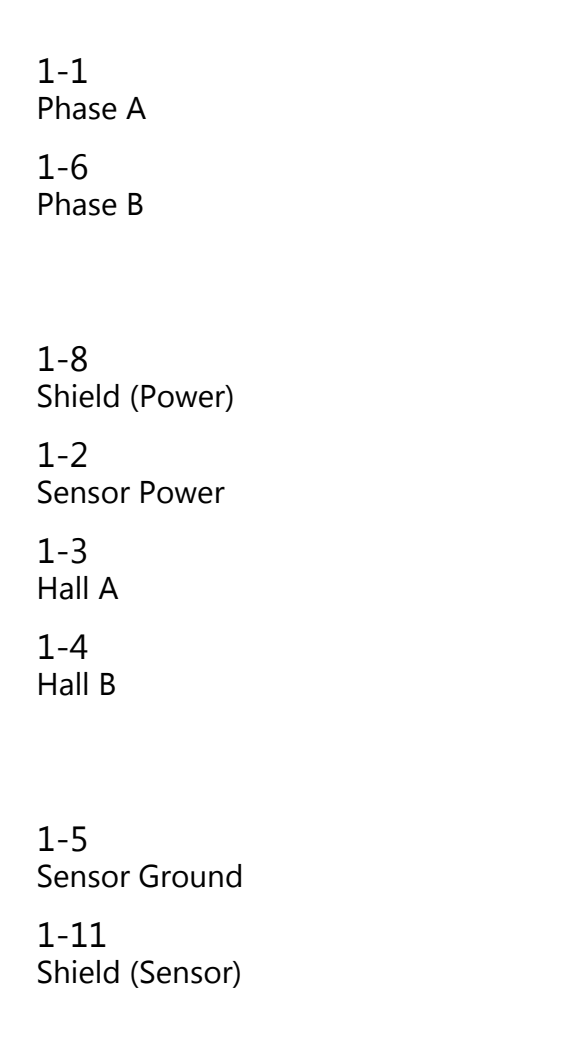
Falcon Controller Rear
H X682 X685 X674 X675 X676 X677 X683



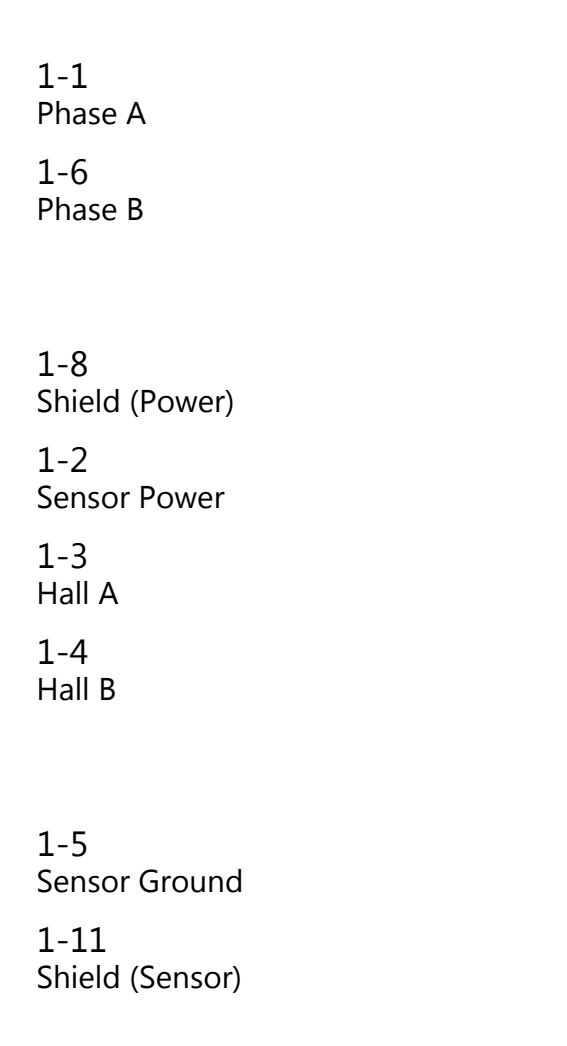
Falcon Strut Right LR
SO X694



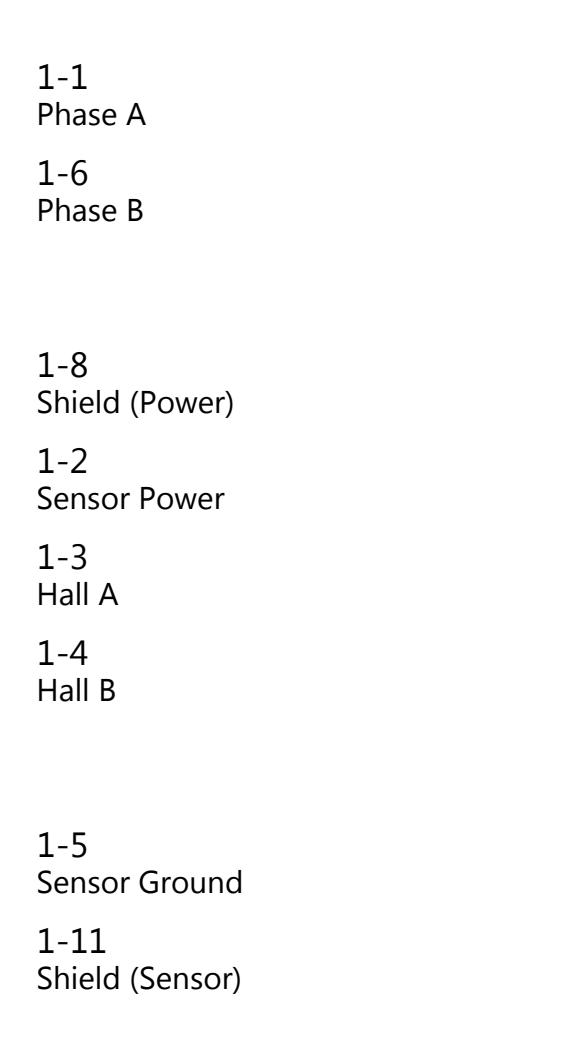
Falcon Strut Right LF
SU X695



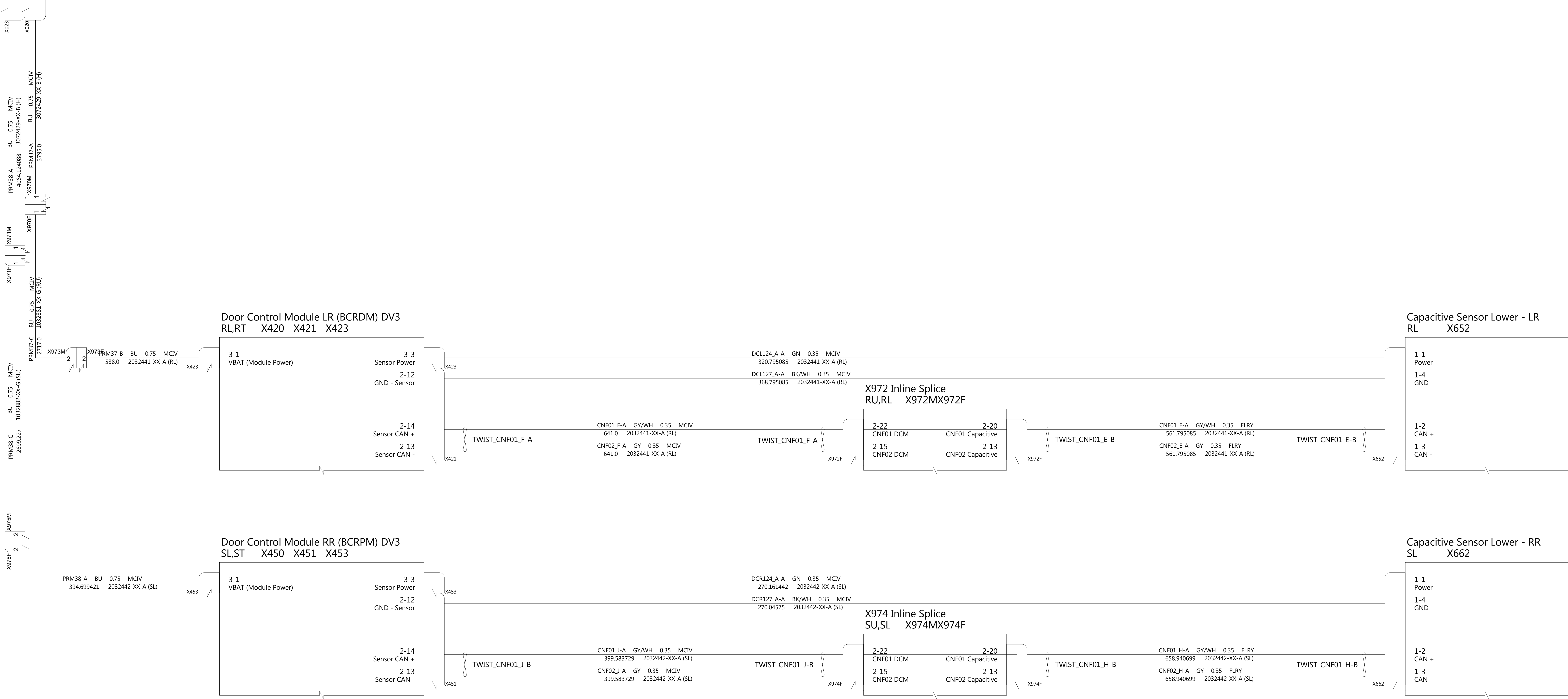
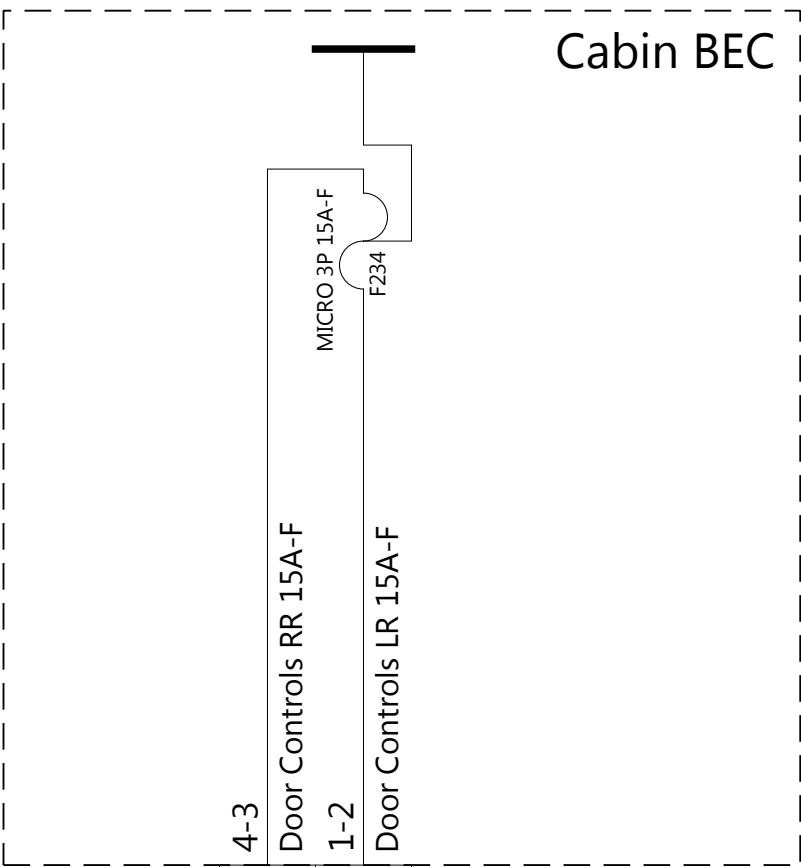
Falcon Strut Right UF
SU X696



Falcon Strut Right UR
SO X697



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DRAWN		CHECKED	APPROVED
MATERIAL		FINISHING	SCALE
AS SPECIFIED		AS SPECIFIED	NONE
PART NAME			
Falcon Doors - Electric Right			
PART NUMBER		REV	SHEET
		4	2 of 5
			SIZE
			A0



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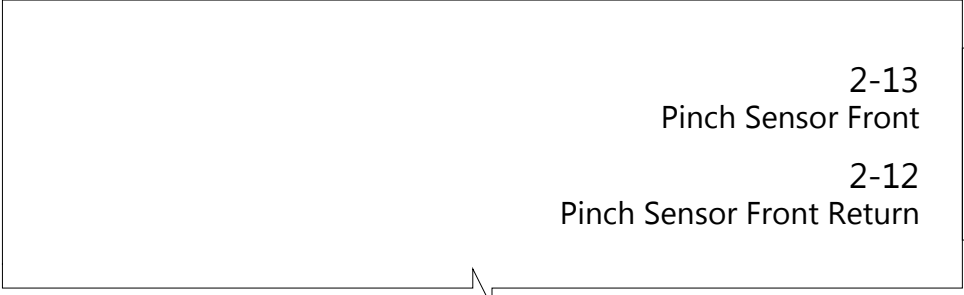
DRAWN	CHECKED	APPROVED

MATERIAL	FINISHING	SCALE
AS SPECIFIED	AS SPECIFIED	NONE

PART NAME
Falcon Doors - Obstacle Sensors

PART NUMBER	REV	SHEET	SIZE
	4	3 OF 5	A0

Falcon Controller Front
H X680 X684 X670 X671 X672 X673 X681

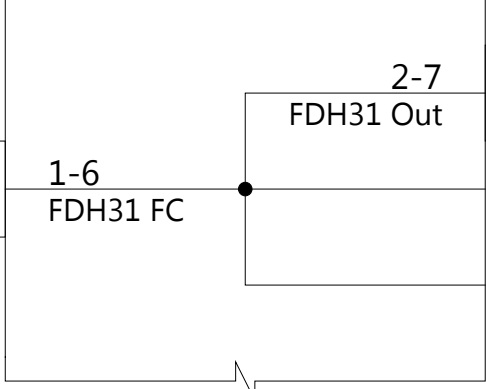


FDH31_A-A GY 0.35 MCIV
886.0 3072429-XX-B (H)

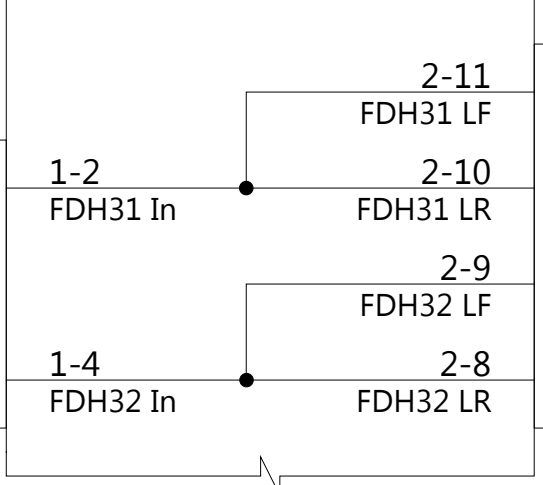
FDH31_A-A GY 0.35 MCIV
886.0 3072429-XX-B (H)

FDH31_A-A GY 0.35 MCIV
886.0 3072429-XX-B (H)

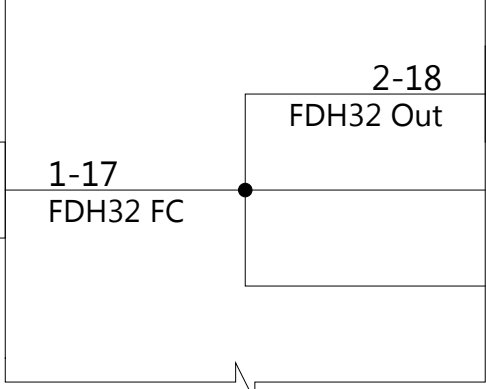
X976 Inline Splice
H, RU X976MX976F



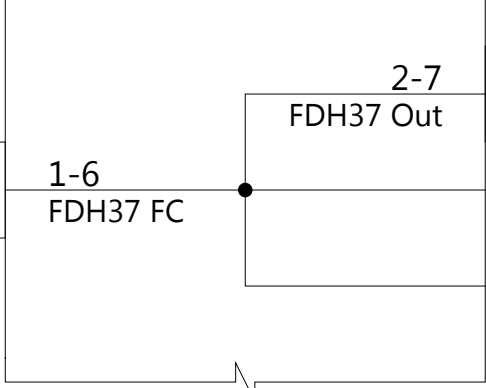
X972 Inline Splice
RU,RL X972MX972F



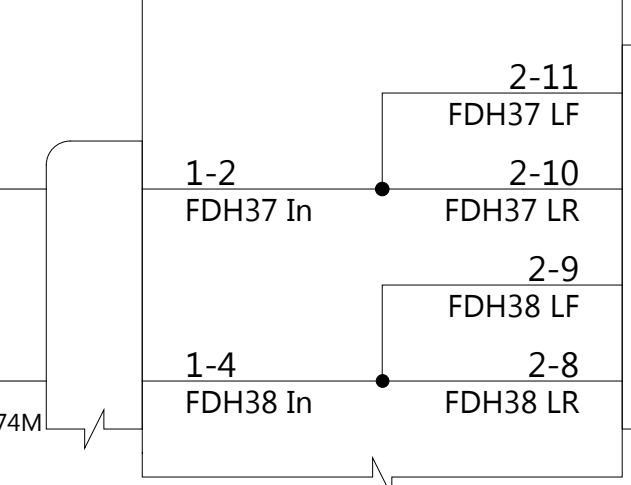
X976 Inline Splice
H, RU X976MX976F



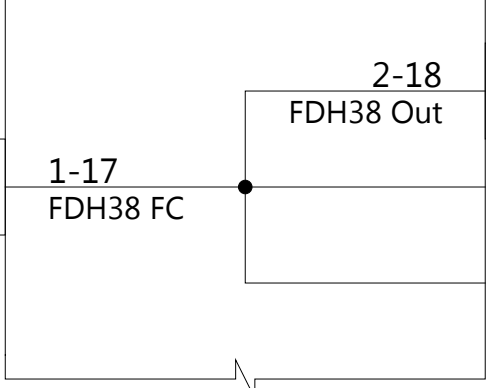
X977 Inline Splice
H, SU X977MX977F



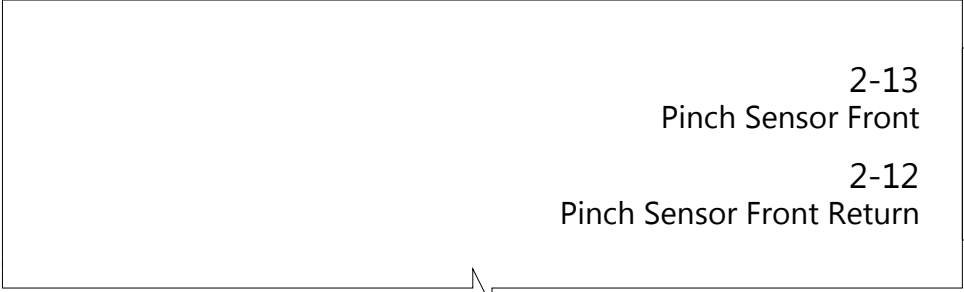
X974 Inline Splice
SU,SL X974MX974F



X977 Inline Splice
H, SU X977MX977F



Falcon Controller Rear
H X682 X685 X674 X675 X676 X677 X683

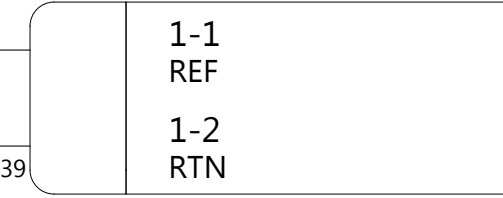


FDH38_A-A BN 0.35 MCIV
1081.0 3072429-XX-B (H)

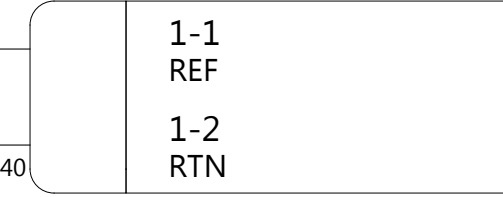
FDH38_A-A BN 0.35 MCIV
1081.0 3072429-XX-B (H)

FDH38_A-A BN 0.35 MCIV
1081.0 3072429-XX-B (H)

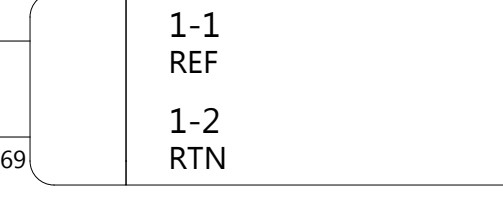
Pinch Sensor 3 LR - Lower Forward
RU X439



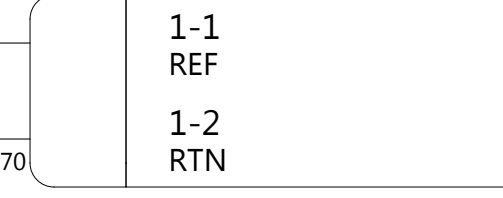
Pinch Sensor 4 LR - Lower Rear
RU X440



Pinch Sensor 3 RR - Lower Forward
SU X469



Pinch Sensor 4 RR - Lower Rear
SU X470



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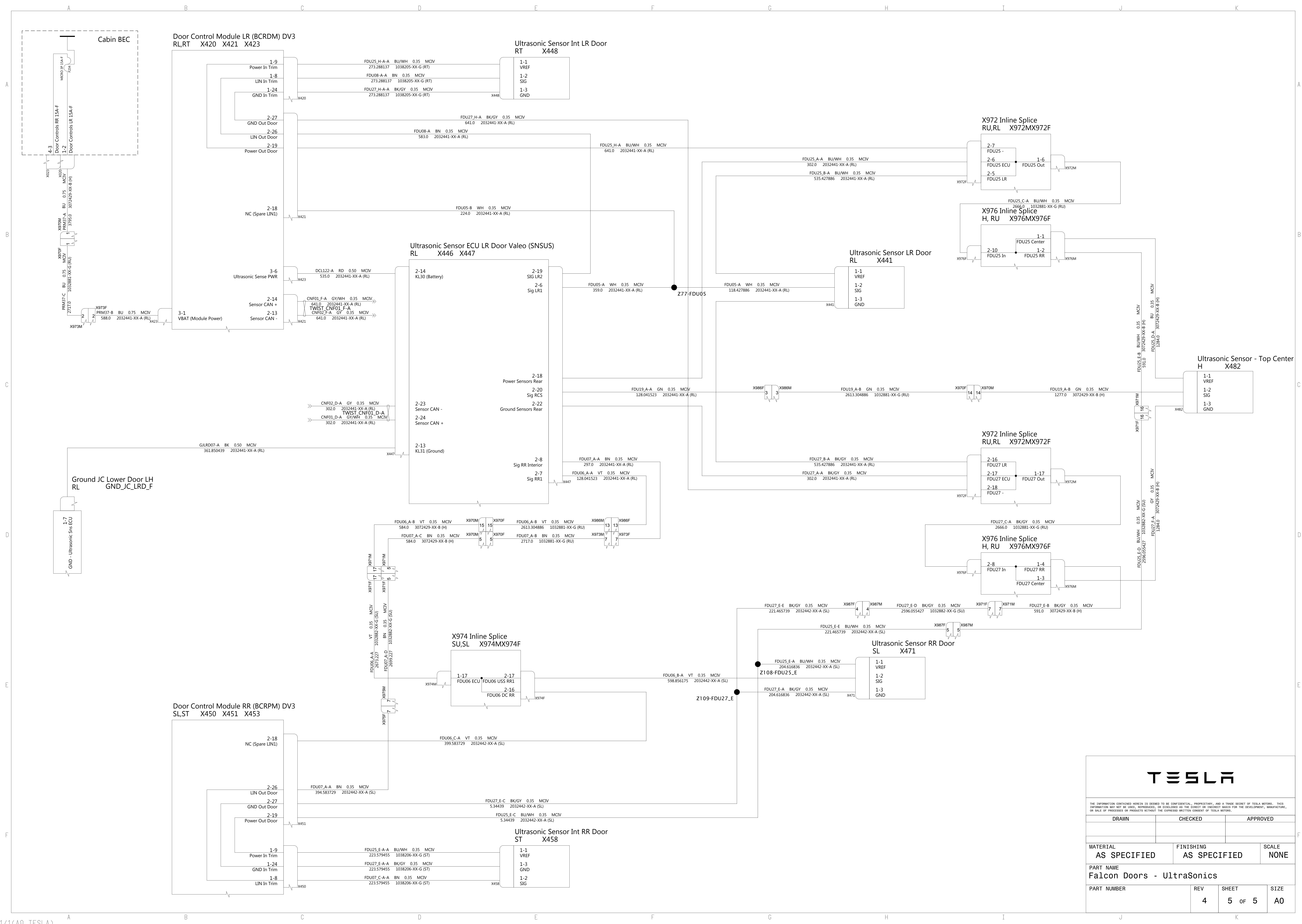
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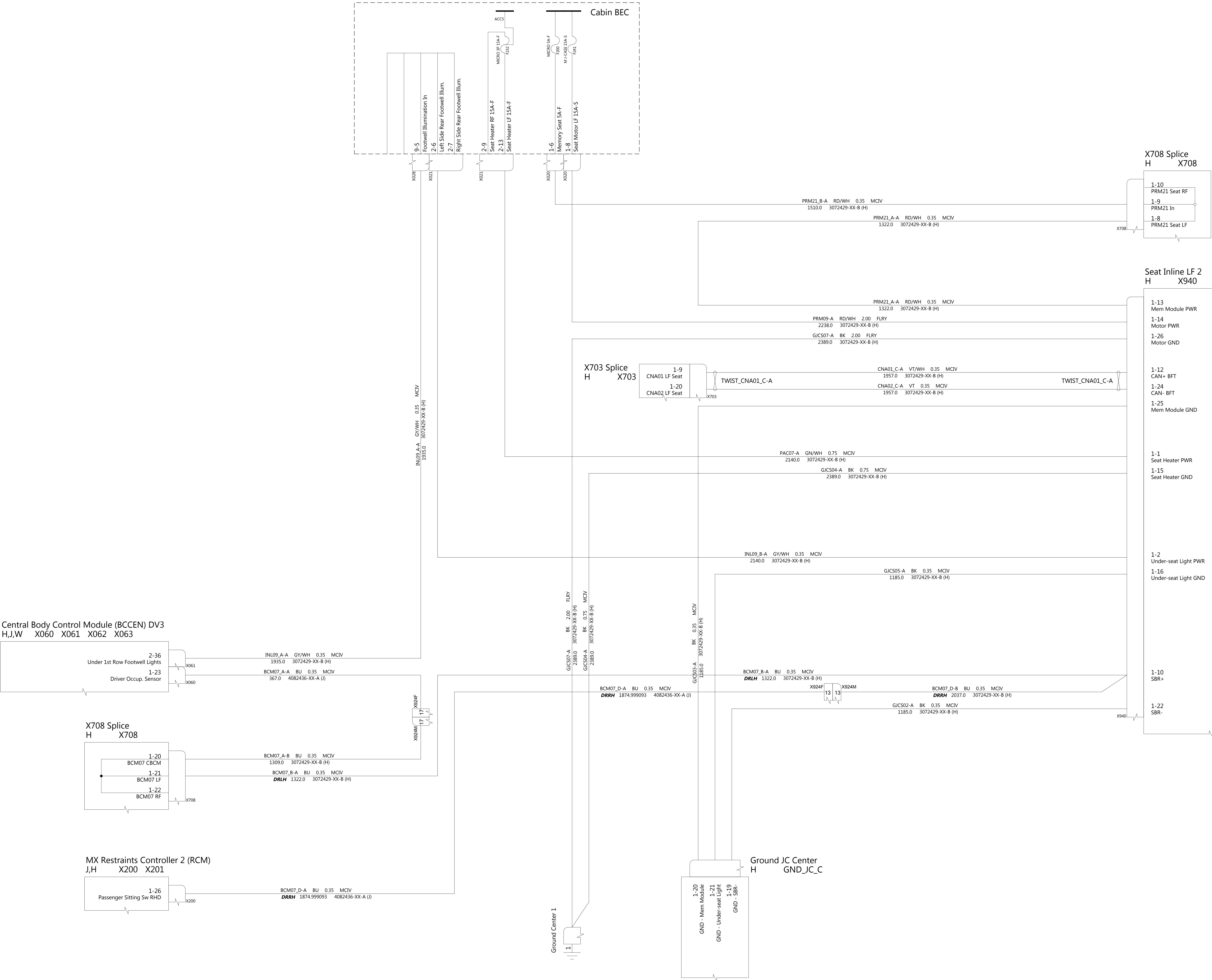
DRAWN	CHECKED	APPROVED

MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
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PART NAME
Falcon Doors - Pinch Sensors

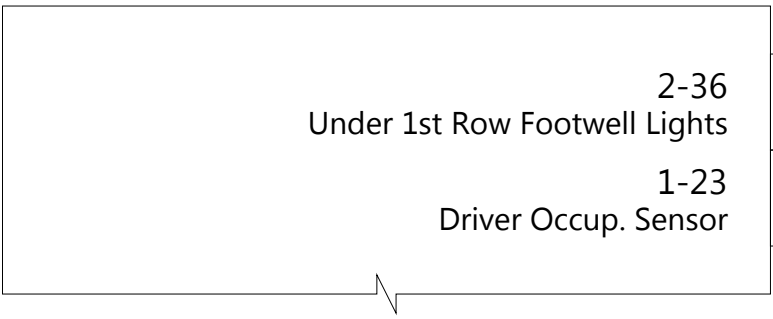
PART NUMBER	REV	SHEET	SIZE
	3	4 OF 5	A0



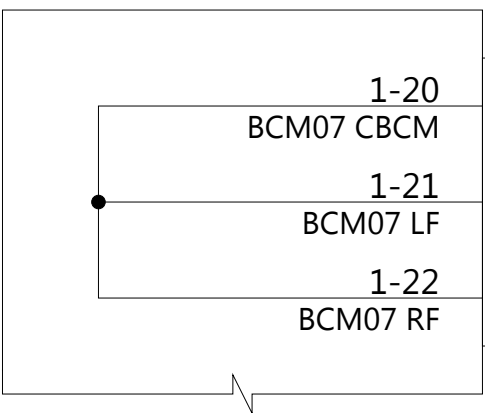


TESLA			
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DRAWN	CHECKED	APPROVED	
MATERIAL	FINISHING	SCALE	
AS SPECIFIED	AS SPECIFIED	NONE	
PART NAME			
Front Seat Interface LHS			
PART NUMBER	REV	SHEET	SIZE
	1	1 OF 1	A0

Central Body Control Module (BCCEN) DV3
H,J,W X060 X061 X062 X063



X708 Splice
H X708



BCM07_A-A BU 0.35 MCV
367.0 4082436-XX-A (I)

BCM07_A-B BU 0.35 MCV
1309.0 3072429-XX-B (H)

X024W
17 17

INL09_A-A GY/WH 0.35 MCV
1395.0 3072429-XX-B (H)

X028

9-5 Footwell Illumination In
2-6 Left Side Rear Footwell Illum.
2-7 Right Side Rear Footwell Illum.

X021

GJCS12-A BK 2.00 FLY
2513.0 3072429-XX-B (H)

GJCS10-A BK 0.75 MCV
2513.0 3072429-XX-B (H)

Ground Center 1

1

1

GJCS12-A BK 2.00 FLY
2513.0 3072429-XX-B (H)

GJCS10-A BK 0.75 MCV
2513.0 3072429-XX-B (H)

1-9 GND - Mem Module
1-10 GND - Under-seat Light
1-8 GND - SBR-

Ground JC Center
H GND_JC_C

X703 Splice
H X703

1-10 CNA01 RF Seat
1-21 CNA02 RF Seat

X703

TWIST_CNA01_D-A

CNA01_D-A VT/WH 0.35 MCV
2081.0 3072429-XX-B (H)

CNA02_D-A VT 0.35 MCV
2081.0 3072429-XX-B (H)

GJCS09-A BK 0.35 MCV
1109.0 3072429-XX-B (H)

TWIST_CNA01_D-A

PAC08-A RD/VT 0.75 MCV
2264.0 3072429-XX-B (H)

GJCS10-A BK 0.75 MCV
2513.0 3072429-XX-B (H)

INL09_C-A GY/WH 0.35 MCV
2264.0 3072429-XX-B (H)

GJCS11-A BK 0.35 MCV
1109.0 3072429-XX-B (H)

BCM07_C-A BU 0.35 MCV
1446.0 3072429-XX-B (H)

GJCS08-A BK 0.35 MCV
1109.0 3072429-XX-B (H)

X708 Splice
H X708

1-8 PRM21 Seat LF
1-9 PRM21 In
1-10 PRM21 Seat RF

X708

Seat Inline RF 2
H X945

1-13 Mem Module PWR
1-14 Motor PWR
1-26 Motor GND

1-12 CAN+ BFT
1-24 CAN- BFT
1-25 Mem Module GND

1-1 Seat Heater PWR
1-15 Seat Heater GND

1-2 Under-seat Light PWR
1-16 Under-seat Light GND

1-10 SBR+
1-22 SBR-

X945

TESLA

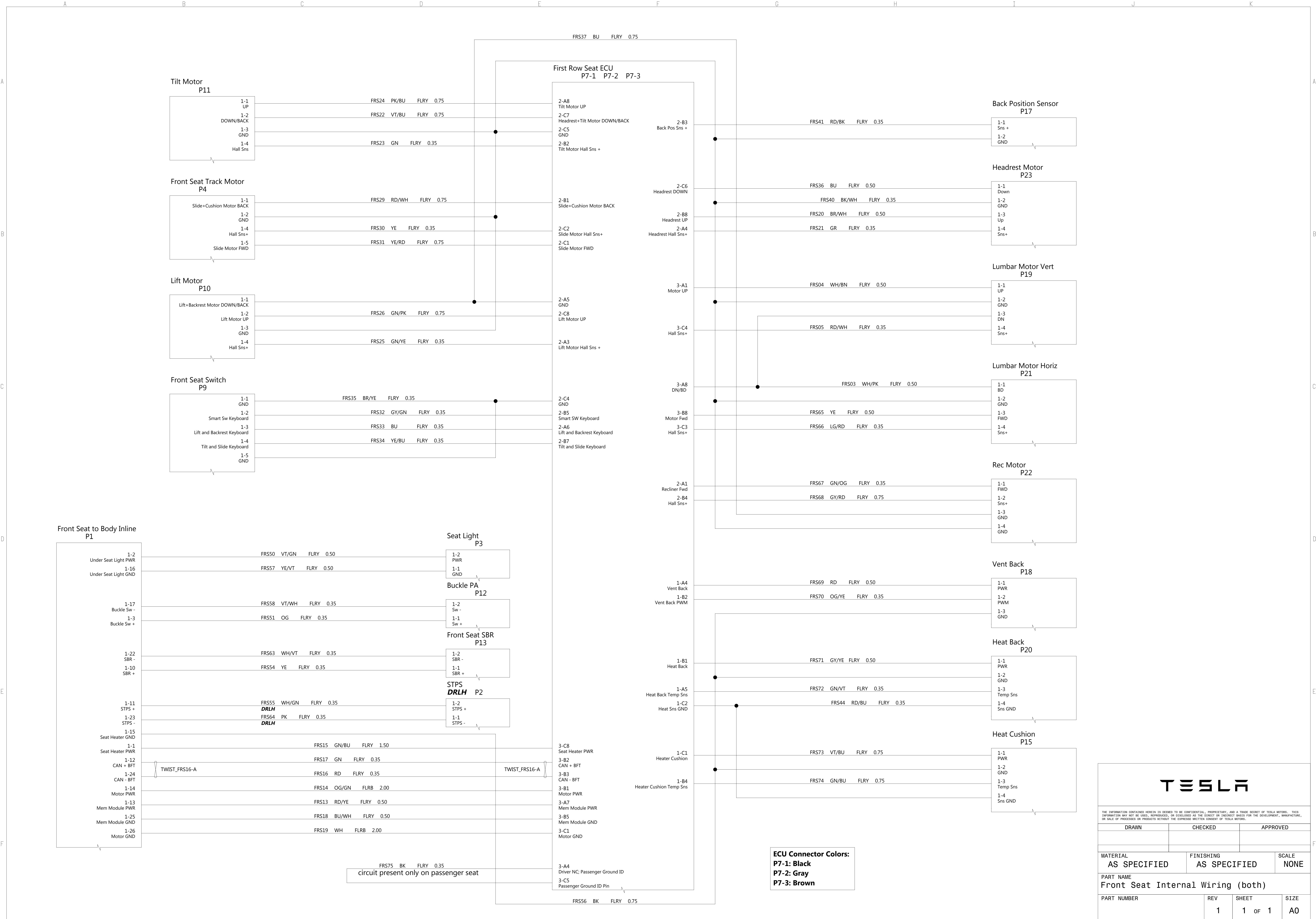
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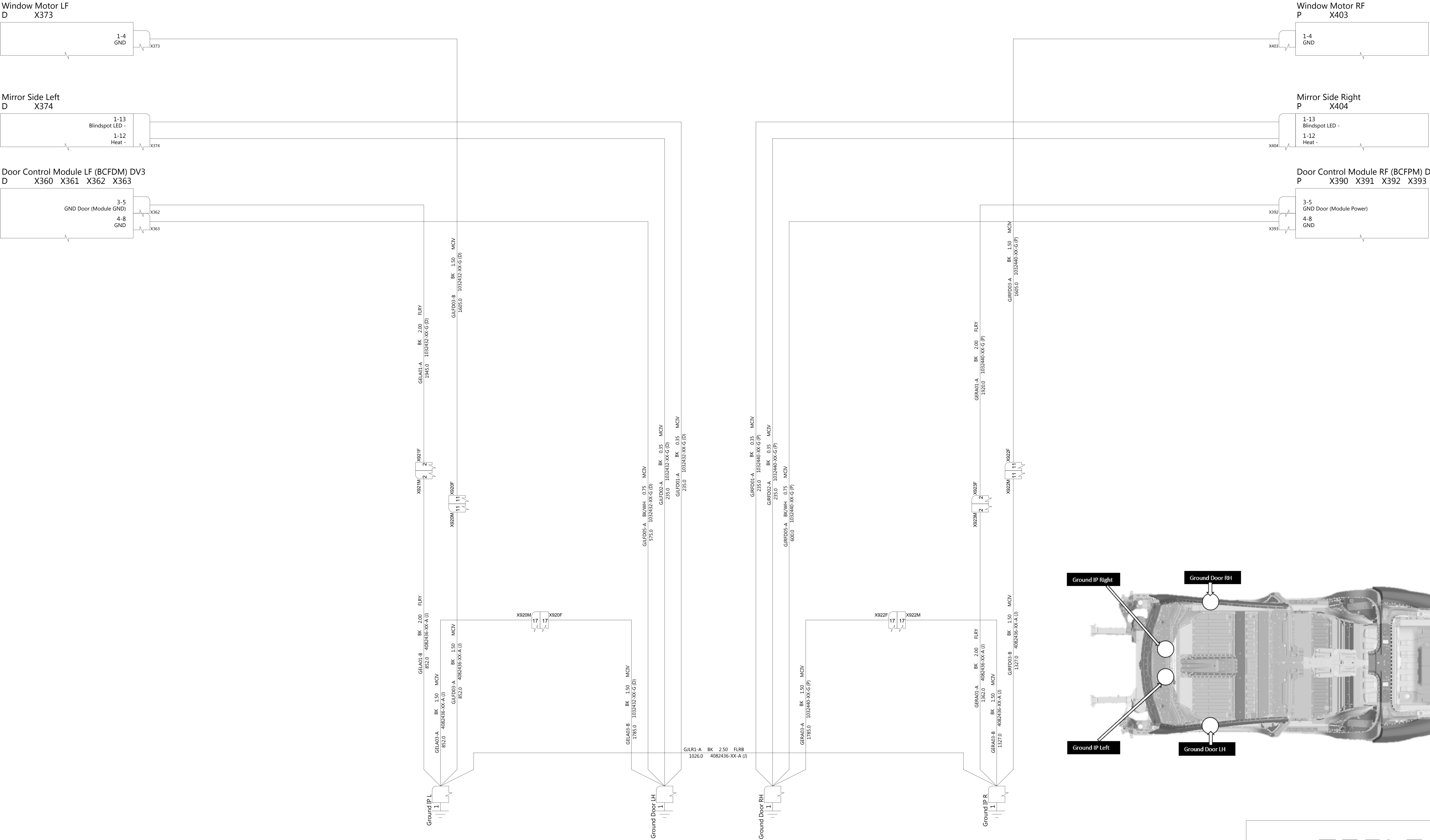
DRAWN	CHECKED	APPROVED

MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
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PART NAME
Front Seat Interface RHS:1:Front Seat Interface RHS-Front Seat Interface RHS

PART NUMBER	REV 1	SHEET 1 of 1	SIZE A0
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TESLA

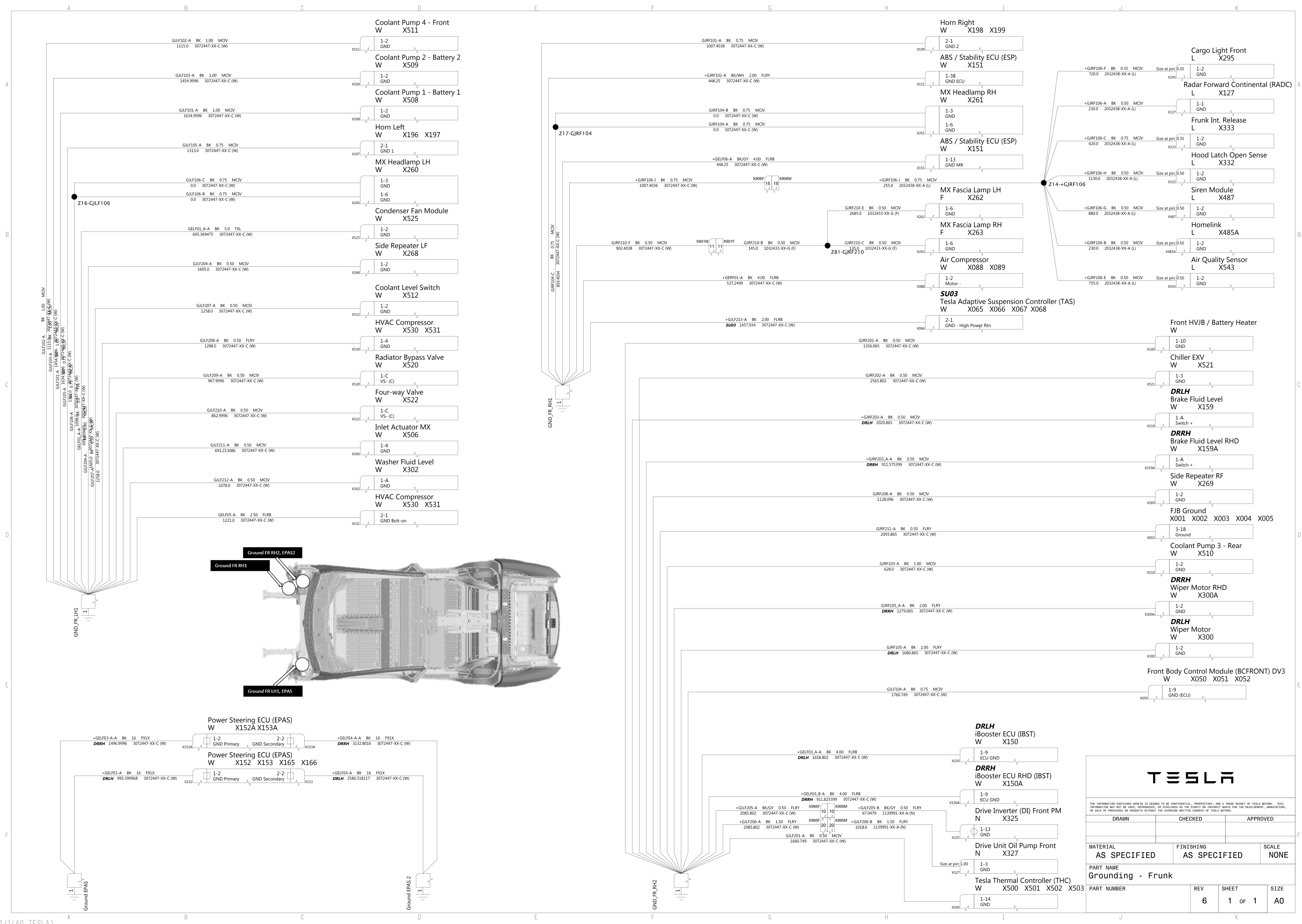
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DRAWN	CHECKED	APPROVED

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

PART NAME Grounding - A-Pillars

PART NUMBER	REV	SHEET	SIZE
	2	1 of 1	A0



Door Control Module LR (BCRDM) DV3
RL,RT X420 X421 X423

Door Control Module RR (BCRPM) DV3
SL,ST X450 X451 X453

Door Control Module LF (BCFDM) DV3
D X360 X361 X362 X363

Door Control Module RF (BCFPM) DV3
P X390 X391 X392 X393

Falcon Controller Front
H X680 X684 X670 X671 X672 X673 X681

Falcon Controller Rear
H X682 X685 X674 X675 X676 X677 X683

Center Display / Gateway E
J X170 X171 X173 X174 X175

Hazard Switch
J X189

Lamp Footwell LF
J X280

Light Vanity LF
J X289

OBDII Connector
J X178

Instrument Cluster (IC)
J X177 X861

AU01
Booster Amplifier
J X560 X561

Trailer Brakes ECU Connection
J X164

SCCM
J X180

Radio Head Unit 2.0 (TUNER)
J X563

AutoPilot ECU (DAS)
J X120A X890 X838 X837 X891 X801A X863 X878 X889 X899 X126

Lamp Footwell RF
J X281

Light Vanity RF
J X290

CAN Diagnostic
J X179

Heated Wiper Blades
J X904M

Heated Wiper Blades 2
J X903M

Central Body Control Module (BCCEN) DV3
H,J,W X060 X061 X062 X063 X824 X858 X857 X856

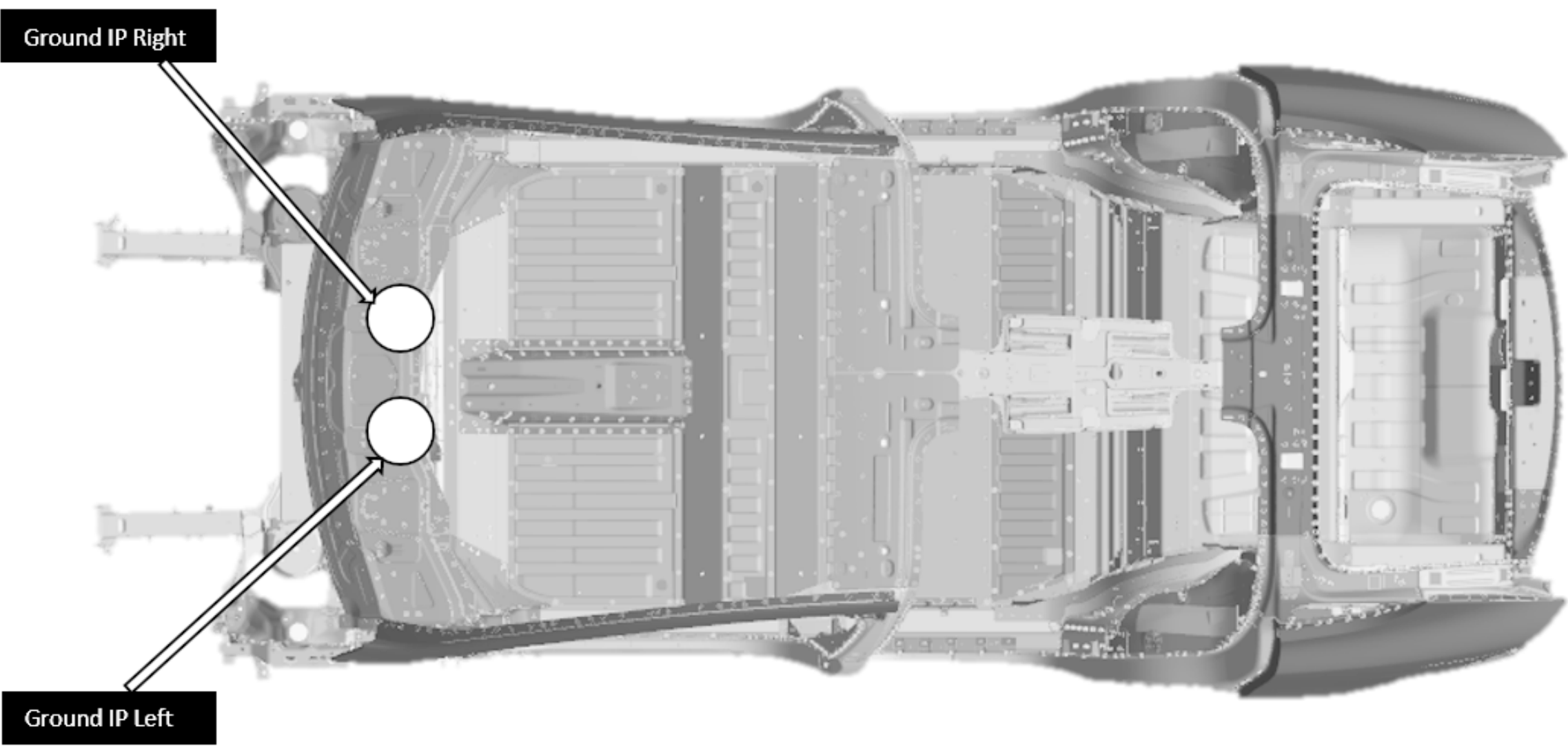
Glove Box Latch
J X186

Glove Box Release
J X185

Glove Box LED
J X188

Glove Box Ajar
J X187

AutoPilot ECU (DAS)
J X120A X890 X838 X837 X891 X801A X863 X878 X889 X899 X126



Ground IP R

Ground IP L

Ground IP R

Ground IP

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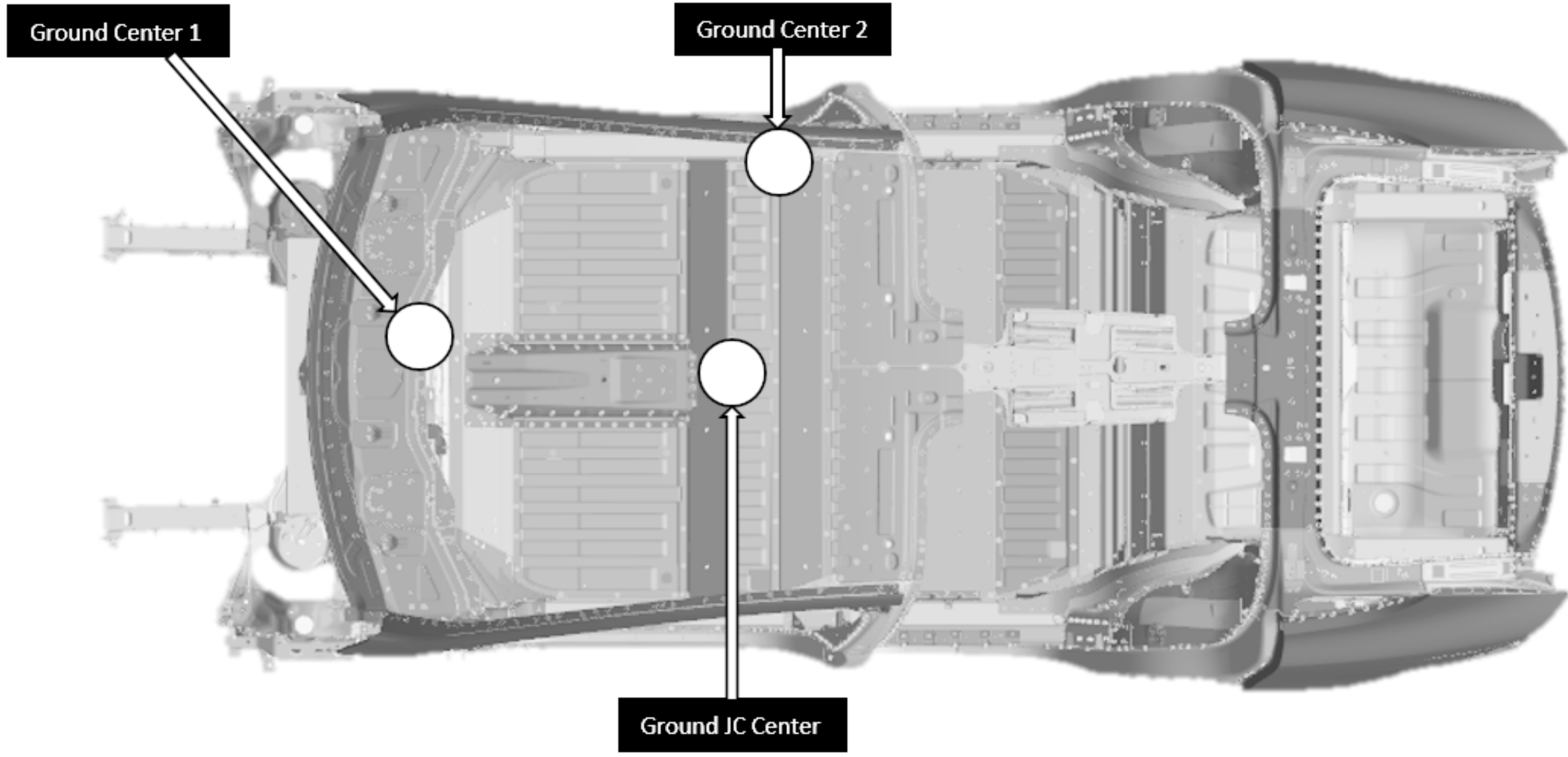
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DRAWN	CHECKED	APPROVED

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

PART NAME
Grounding - IP and Center

PART NUMBER	REV	SHEET	SIZE
	5	1 OF 2	A0



12V Outlet Center Console
C X193

12V Outlet USB Hub
C X192

DRRH
Cabin Fan Power RHD
H X536A

DRLH
Cabin Fan Power
H X536

Seat Inline LF 2
H X940

Seat Inline RF 2
H X945

Seat 2nd Row LH
H X957

REAP||REEU
Trailer Pigtail Relay Holder
H X276

MX Restraints Controller 2 (RCM)
J,H X200 X201

Seat Airbag 1st Row LH
H X237

Seat Inline LF 2
H X940

Rear HVAC Case RC
H X537 X538

Seat 2nd Row RH
H X958

Rear Door Switch RH B-Pillar
H X553

HV Battery
H X098 X099

DRLH
PTC Air Heater
H X535

DRRH
PTC Air Heater RHD
H X535A

Retractor 2nd Row LH
H X219

Retractor 2nd Row RH
H X220

Seat Airbag 2nd Row LH
H X235

Seat Airbag 2nd Row RH
H X236

DRLH
RCCM
H X540

DRRH
RCCM RHD
H X540A

Seat 3rd Row RH
H X962

TESLA

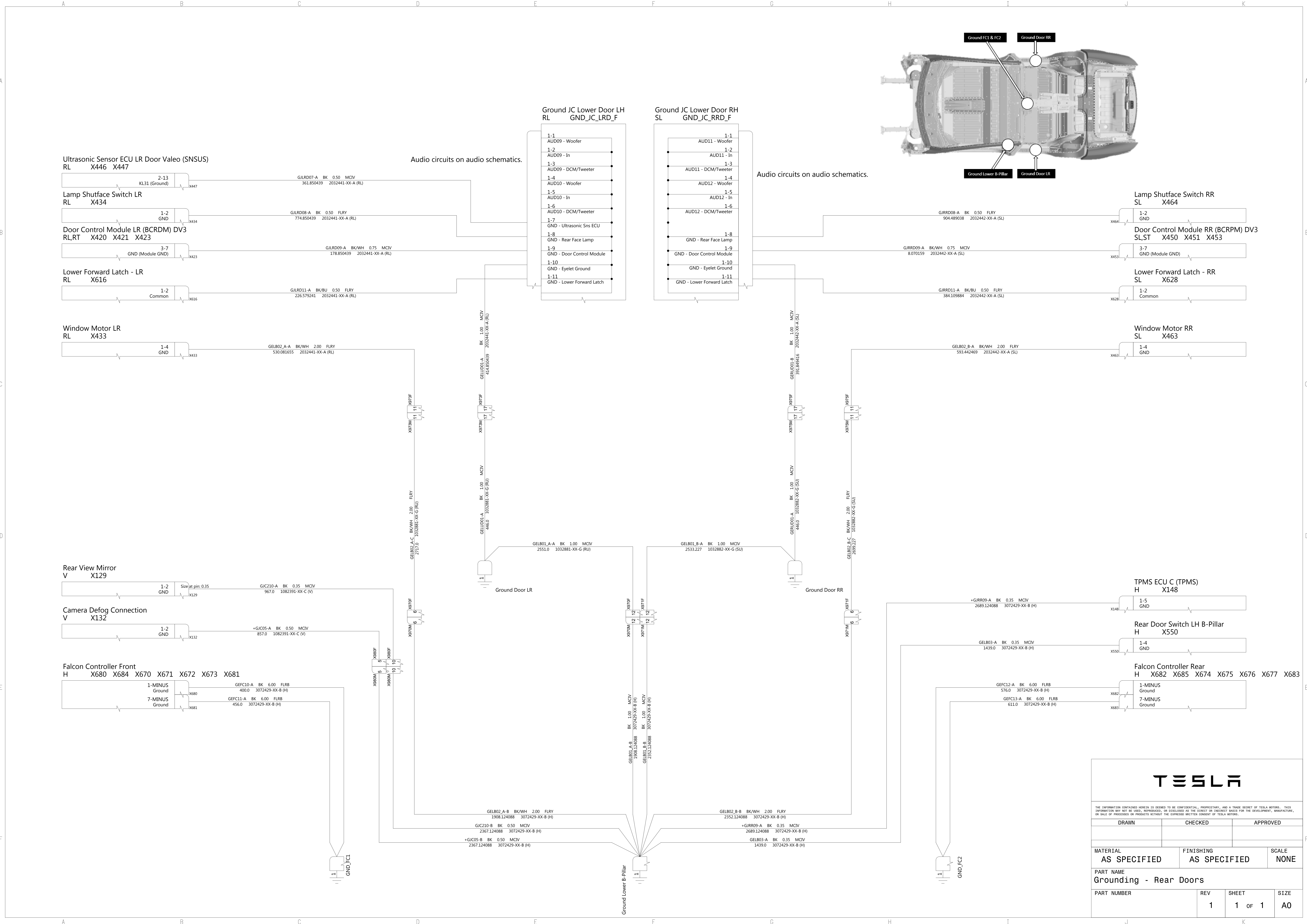
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DRAWN	CHECKED	APPROVED

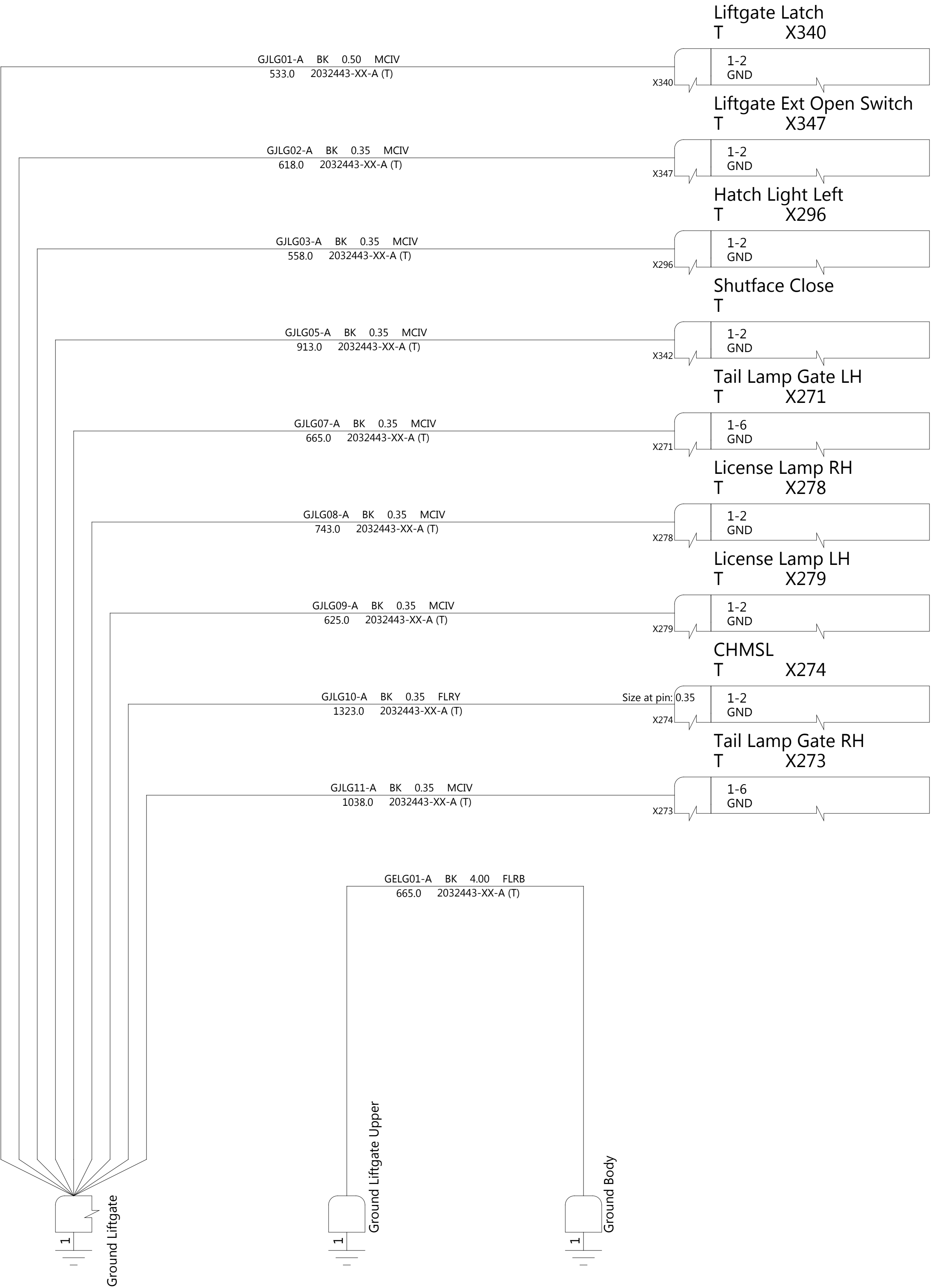
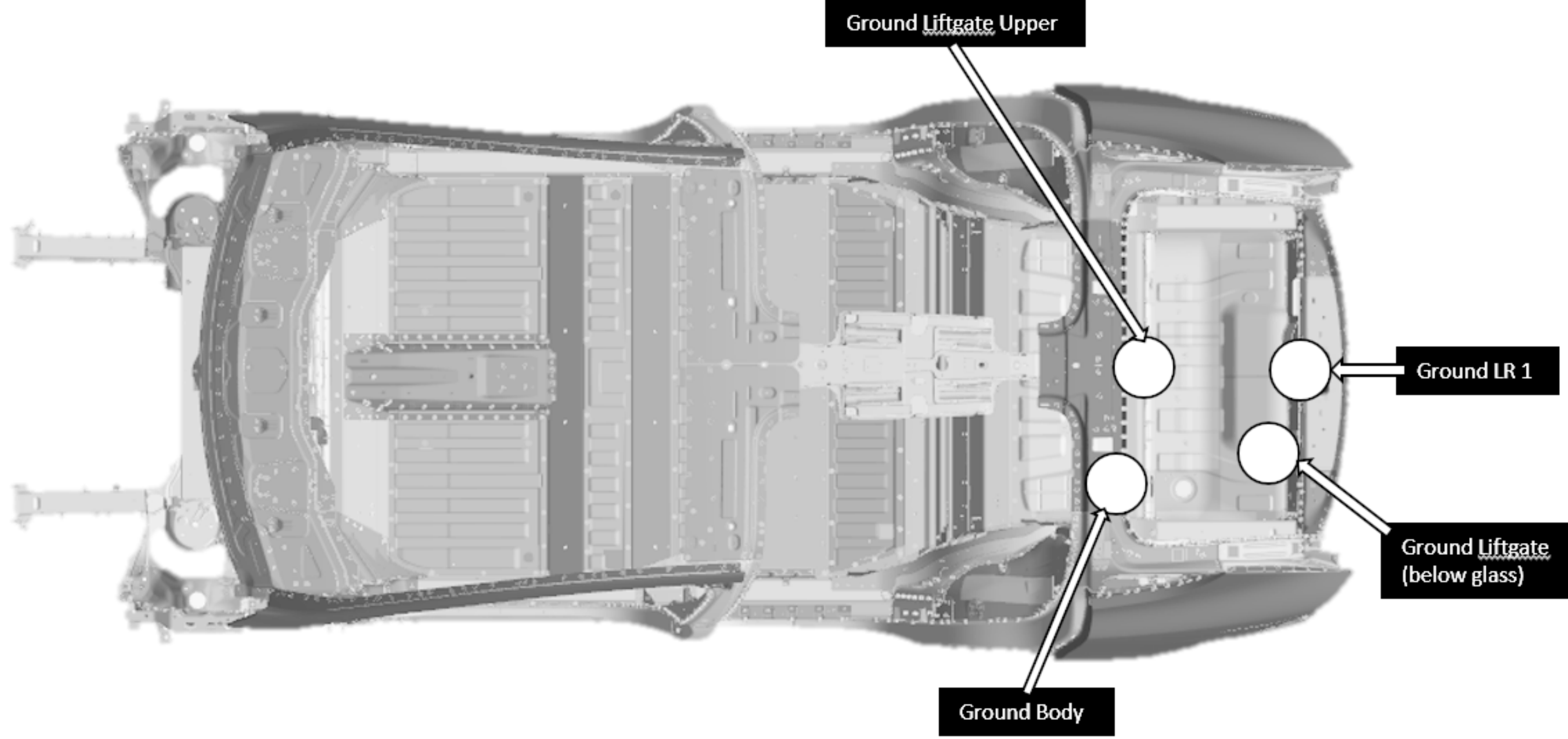
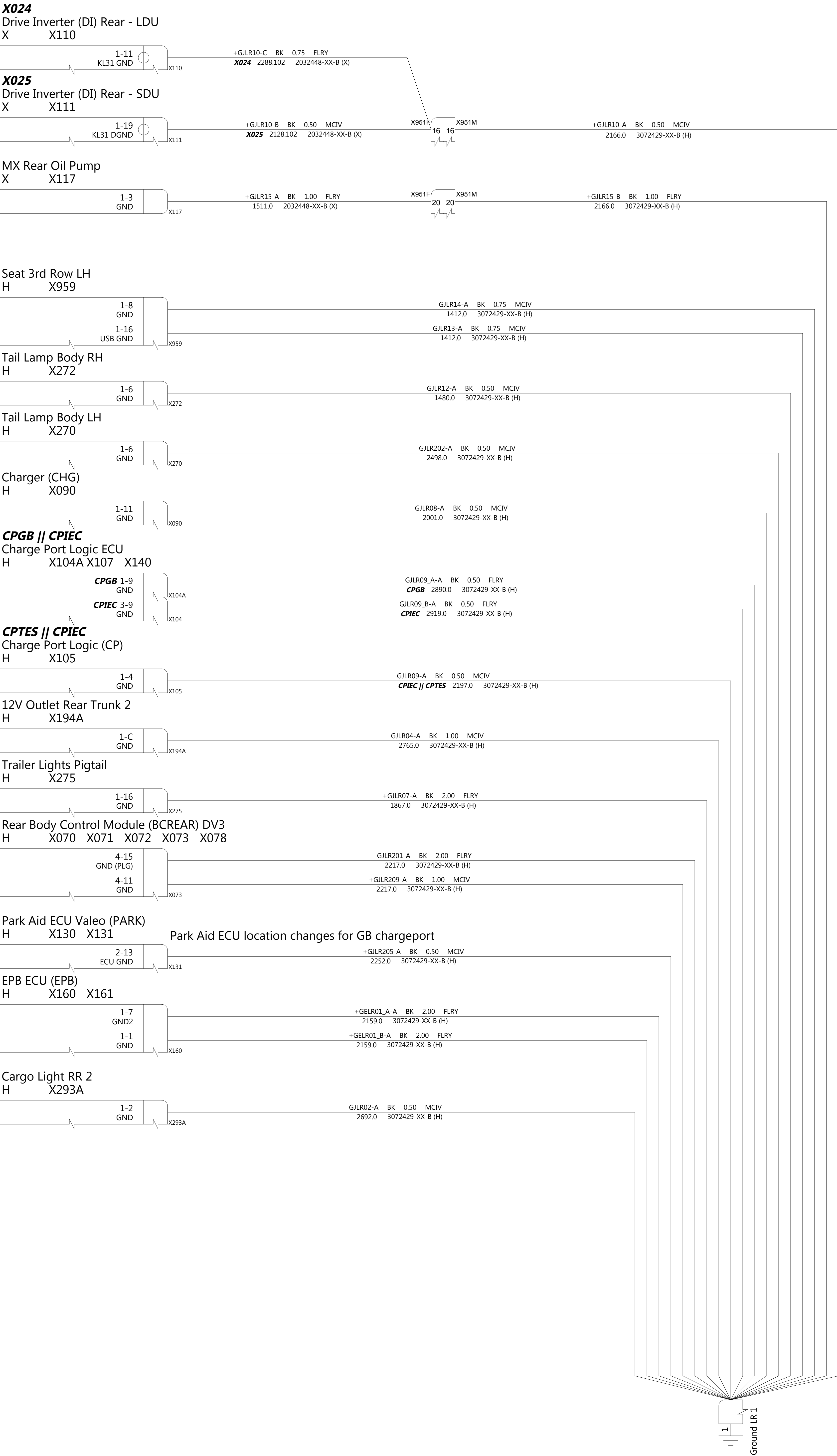
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
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PART NAME
Grounding - IP and Center 2

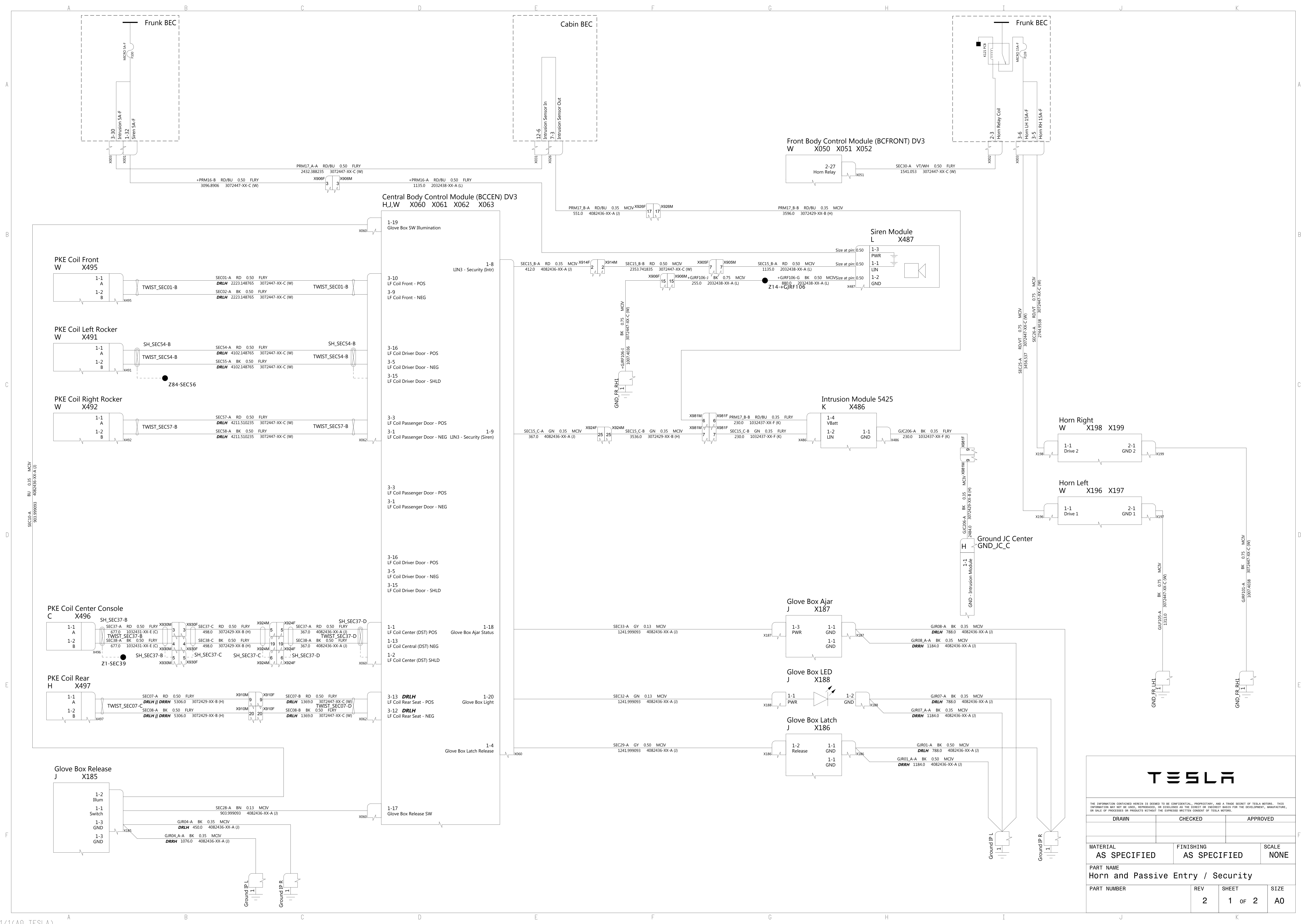
PART NUMBER	REV	SHEET	SIZE
	5	2 OF 2	A0

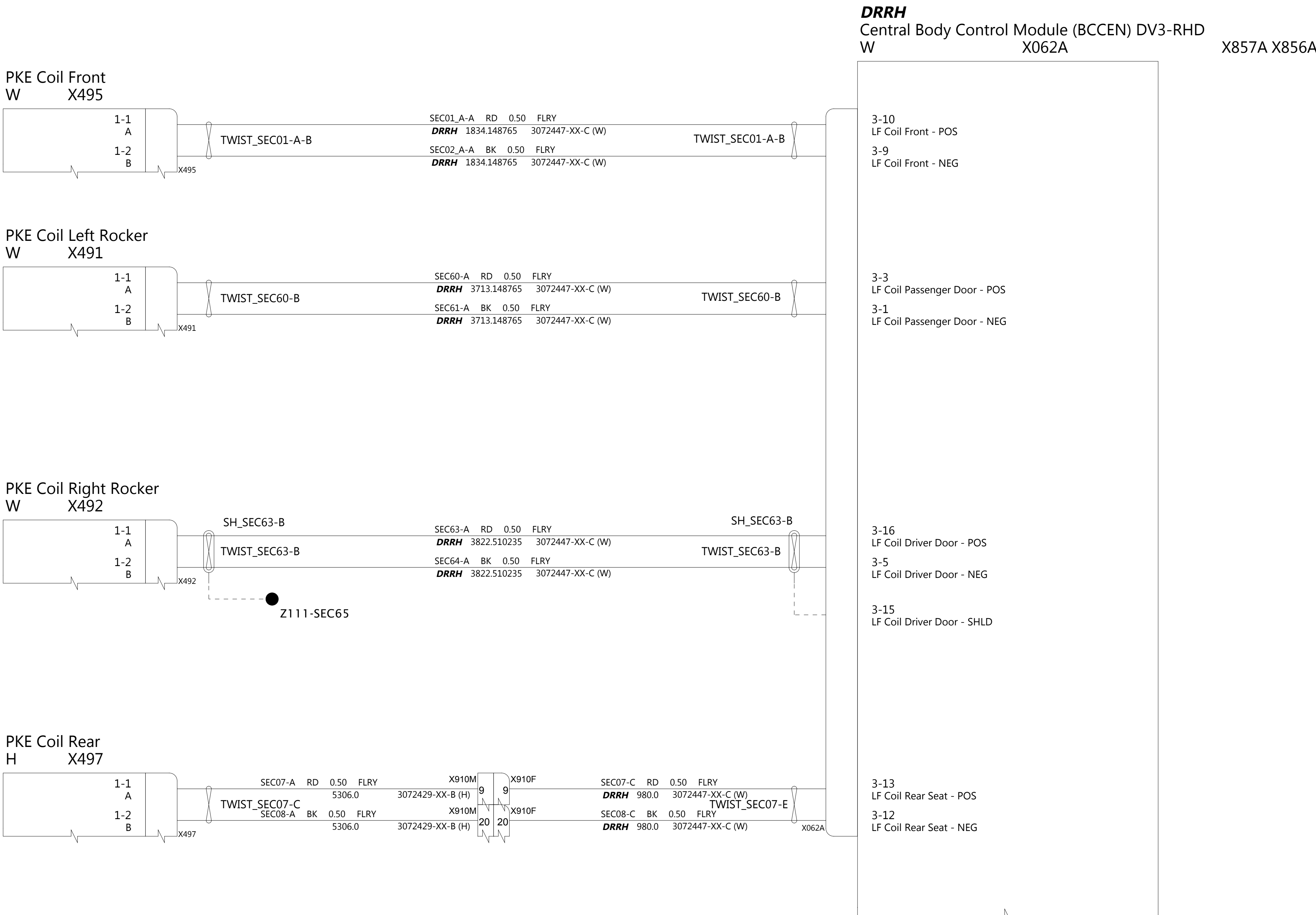


TESLA			
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DRAWN	CHECKED	APPROVED	
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE	
PART NAME Grounding - Rear Doors			
PART NUMBER	REV	SHEET	SIZE
	1	1 OF 1	A0



TESLA			
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DRAWN	CHECKED	APPROVED	
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE	
PART NAME Grounding - Rear			
PART NUMBER	REV 3	SHEET 1 OF 1	SIZE A0





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DRAWN	CHECKED	APPROVED

MATERIAL	FINISHING	SCALE
AS SPECIFIED	AS SPECIFIED	NONE

PART NAME
Horn and Passive Entry / Security p2

PART NUMBER	REV	SHEET	SIZE
	2	2 OF 2	A0

Front Body Control Module (BCFRONT) DV3
W X050 X051 X052

Rear Defrost Grid +
T X310

Air Quality Sensor
L X543

X752 Splice
W X752

X701 Splice
H X701

Rear HVAC Case RC
H X537 X538

In-Car Sensor Left
H X544

In-Car Sensor Right
H X545

Frunk BEC

Cabin BEC

Frunk BEC

Ambient Temp Sensor
L X527

Central Body Control Module (BCCEN) DV3
H,J,W X060 X061 X063

DRRH Cabin Fan Power RHD
H X536A

DRLH Cabin Fan Power
H X536

DRLH PTC Air Heater
H X535

DRRH PTC Air Heater RHD
H X535A

DRLH RCCM
H X540

DRRH RCCM RHD
H X540A

Rear HVAC Case RC
H X537 X538

Tesla Thermal Controller (THC)
W X500 X501 X502 X503

X700 Splice
H X700

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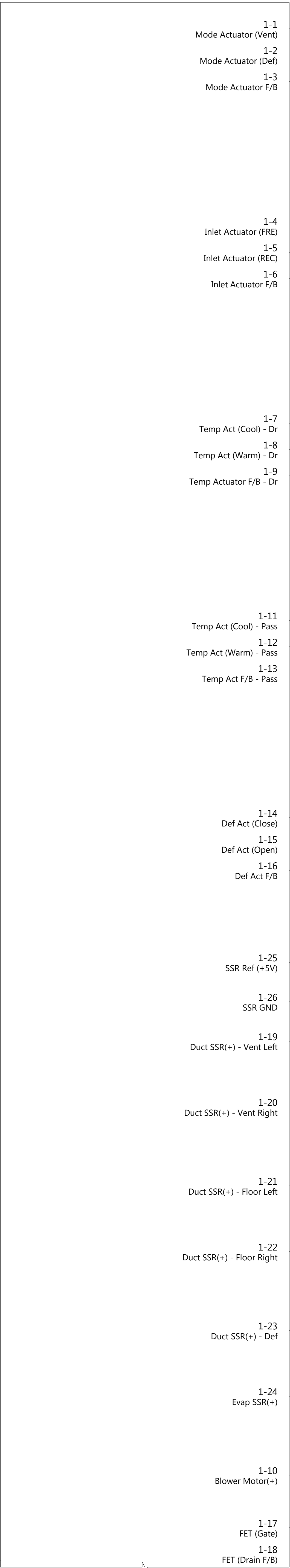
DRAWN	CHECKED	APPROVED

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

PART NAME HVAC - Cabin Climate and Rear Defrost
--

PART NUMBER	REV	SHEET	SIZE
	5	1 OF 1	A0

HVAC Case Internal Wiring



A1 LG 0.5

A2 BR/YE 0.5

A3 BU/BK 0.5

A4 BR/BU 0.5

A5 LG/BK 0.5

A6 BR/WH 0.5

A7 BK/WH 0.5

A8 YE 0.5

A9 PK 0.5

A11 BK 0.5

A12 RD 0.5

A13 WH 0.5

A14 GY 0.5

A15 YE/BK 0.5

A16 WH/RD 0.5

A25 BU 0.5

A26 OG 0.5

A19 BK/BU 0.5

A20 BU/OR 0.5

A21 YE/GR 0.5

A22 RD/BK 0.5

A23 RD/GR 0.5

A24 YE/BU 0.5

A10, C2 RD 0.5,3,0

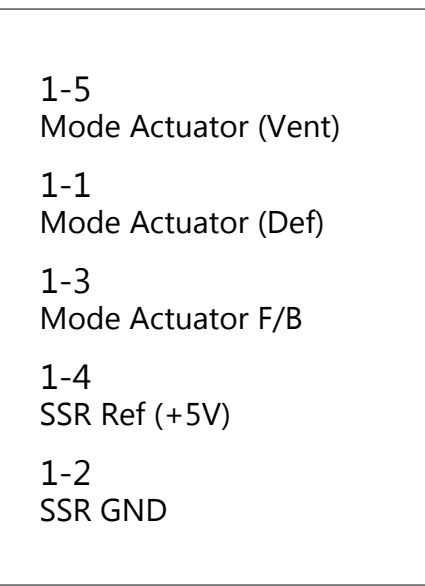
A17 GN 0.5

A18 BR/OG 0.5

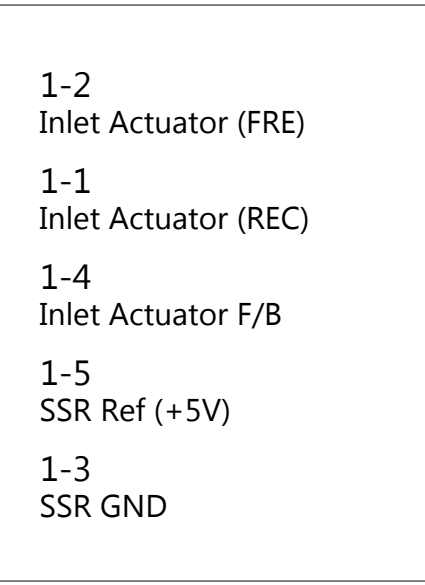
A10, C2 RD 0.5,3,0

C1 BK 3.00

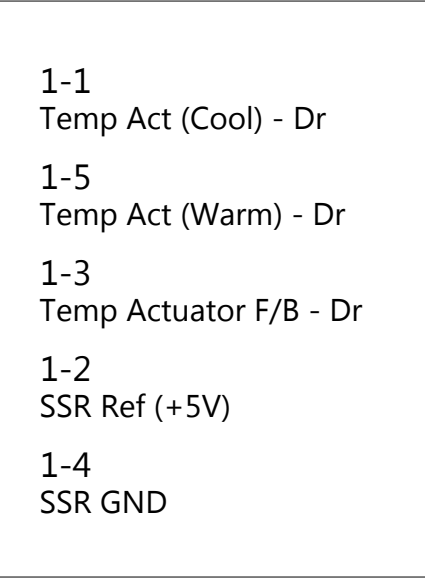
HVAC Mode Act



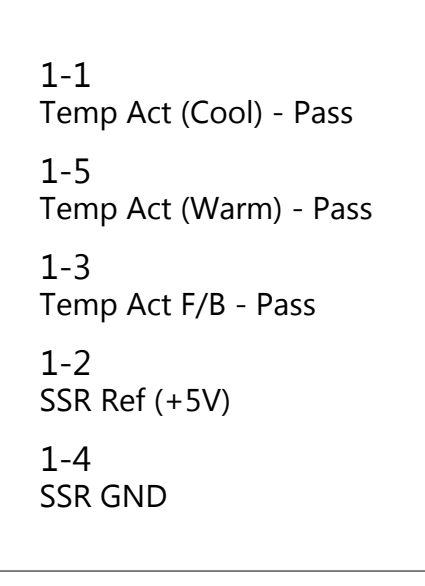
HVAC Inlet Act



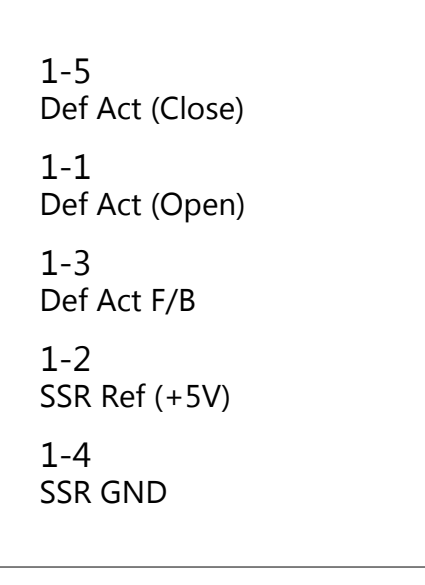
Driver Temp Act



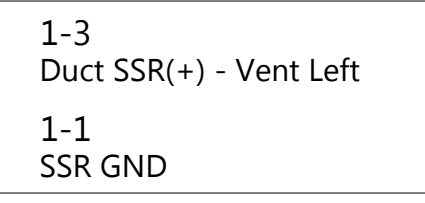
Passenger Temp Act



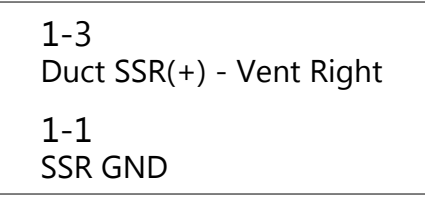
Def Act



Duct Sns-Vent Left



Duct Sns-Vent Right



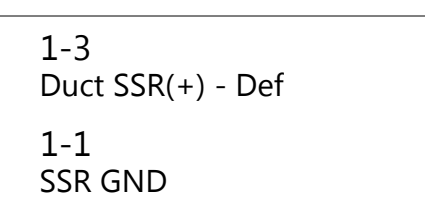
Duct Sns - FLR Left



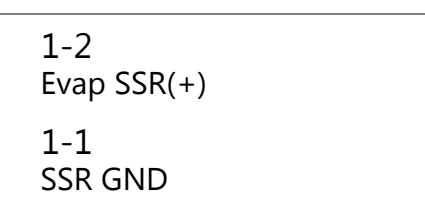
Duct Sns - FLR Right



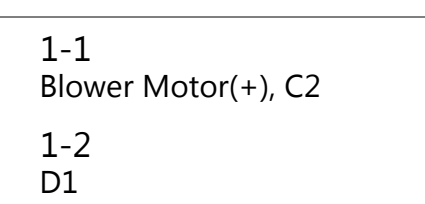
Duct Sns - Def



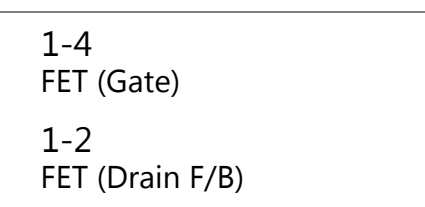
Evap Sns



Blower Motor



FET



1-1
D1

1-3
C1

TESLA

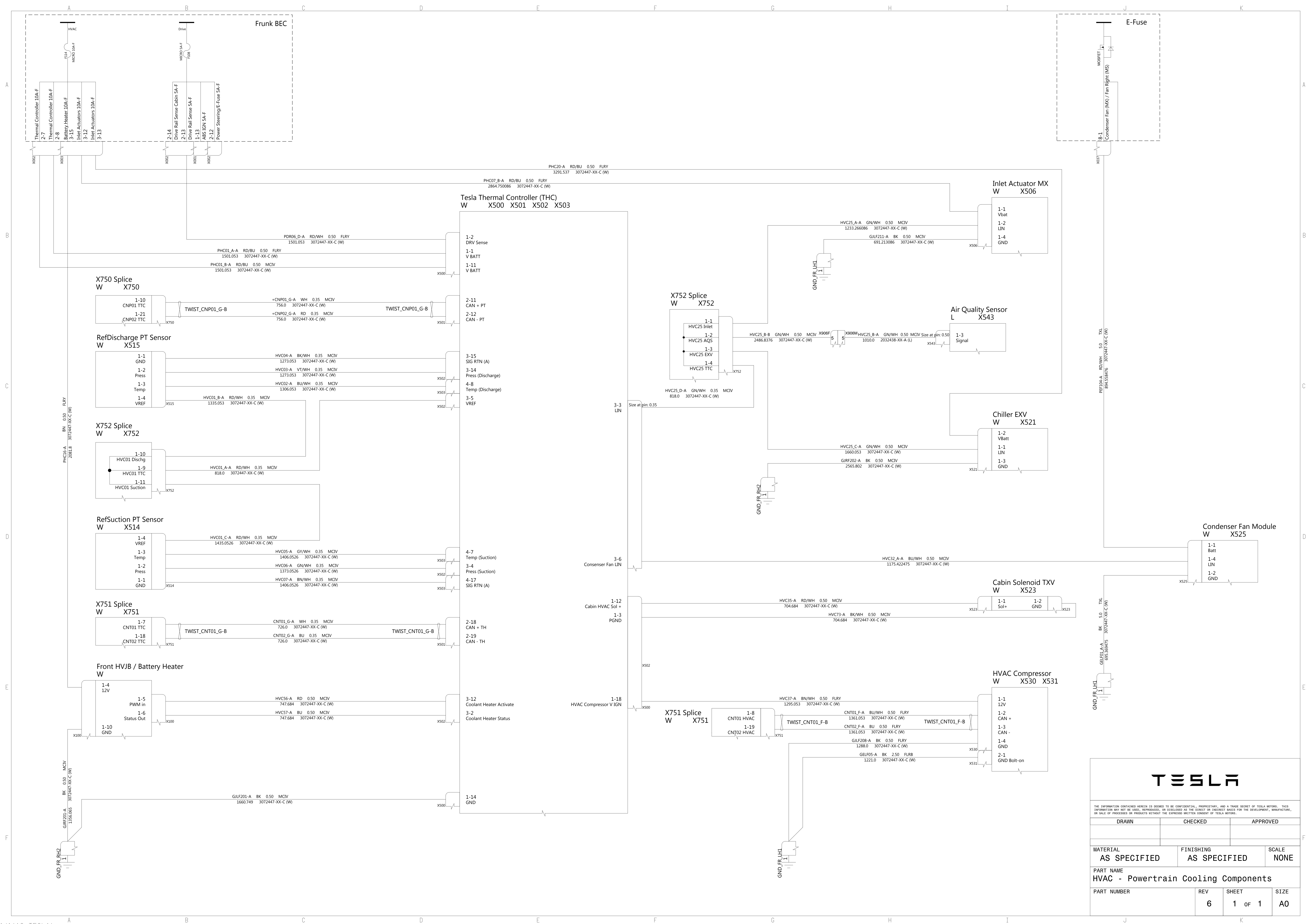
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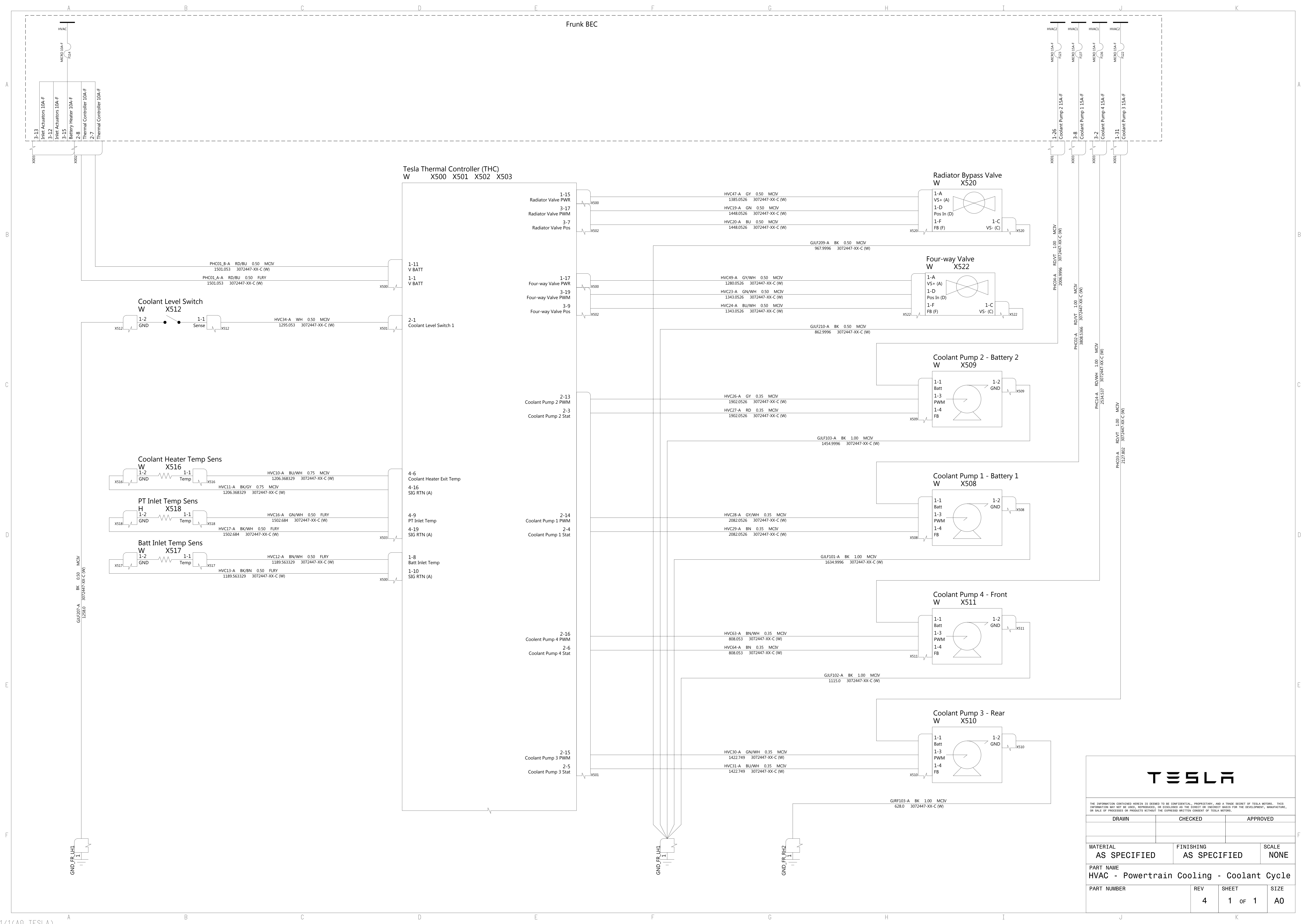
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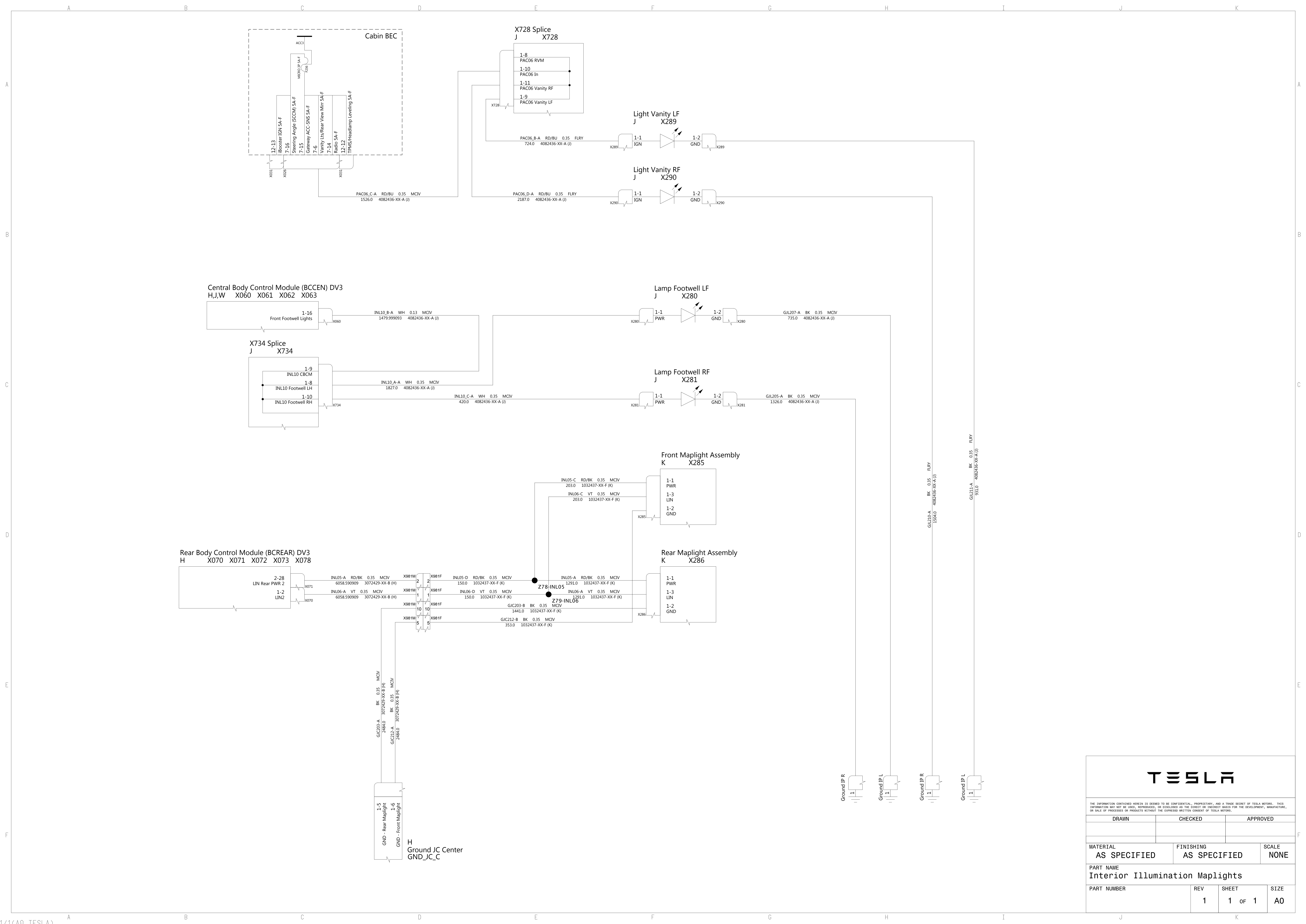
MATERIAL	FINISHING	SCALE
AS SPECIFIED	AS SPECIFIED	NONE

PART NAME
HVAC - Cabin Climate and Rear Defrost P2

PART NUMBER	REV	SHEET	SIZE
	1	1 OF 1	A0







TESLA

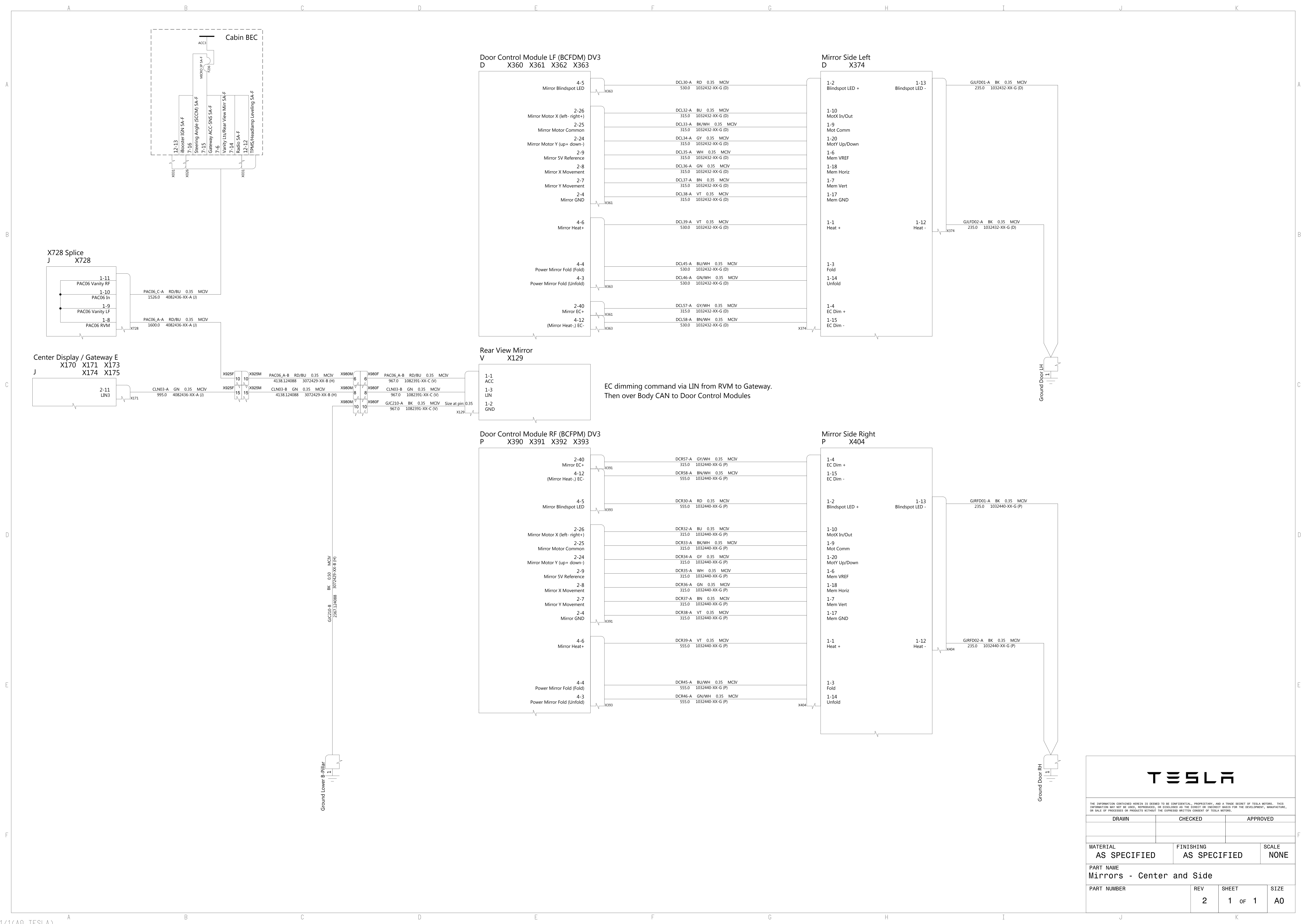
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DRAWN	CHECKED	APPROVED

MATERIAL	FINISHING	SCALE
AS SPECIFIED	AS SPECIFIED	NONE

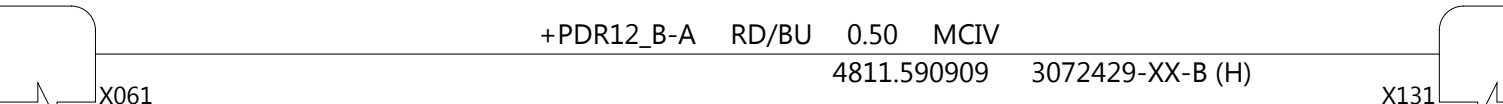
PART NAME
Interior Illumination Maplights

PART NUMBER	REV	SHEET	SIZE
	1	1 of 1	A0

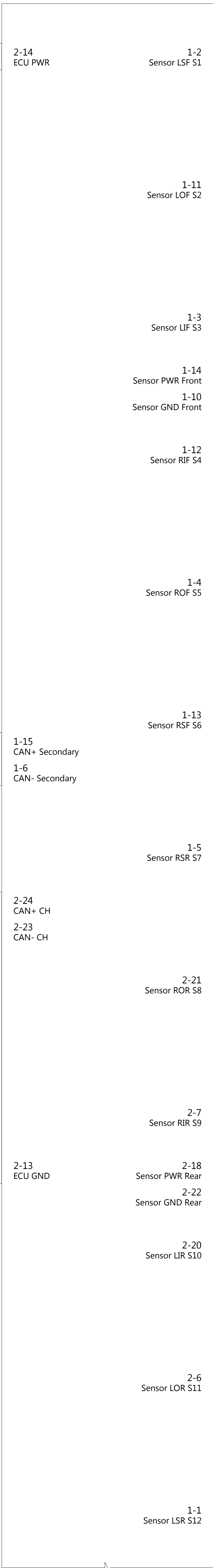


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DRAWN		CHECKED	
		APPROVED	
MATERIAL		FINISHING	
AS SPECIFIED		AS SPECIFIED	
		SCALE	
		NONE	
PART NAME			
Mirrors - Center and Side			
PART NUMBER		REV	SHEET
		2	1 OF 1
		SIZE	
		A0	

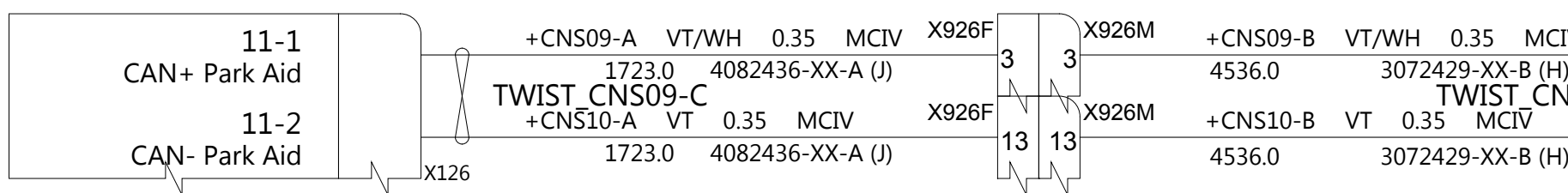
Central Body Control Module (BCCEN) DV3
H,J,W X060 X061 X062 X063 X824 X858 X857 X856



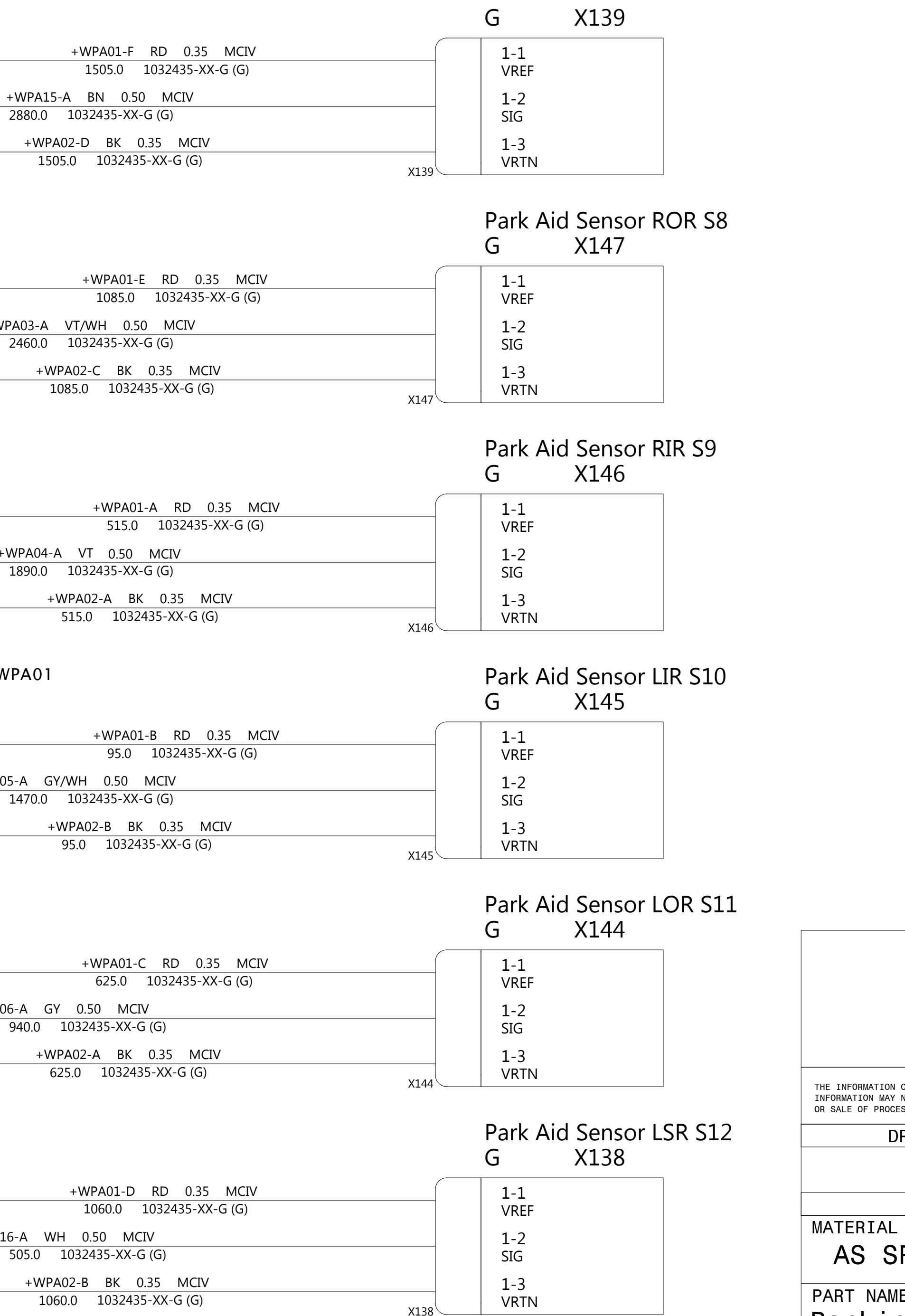
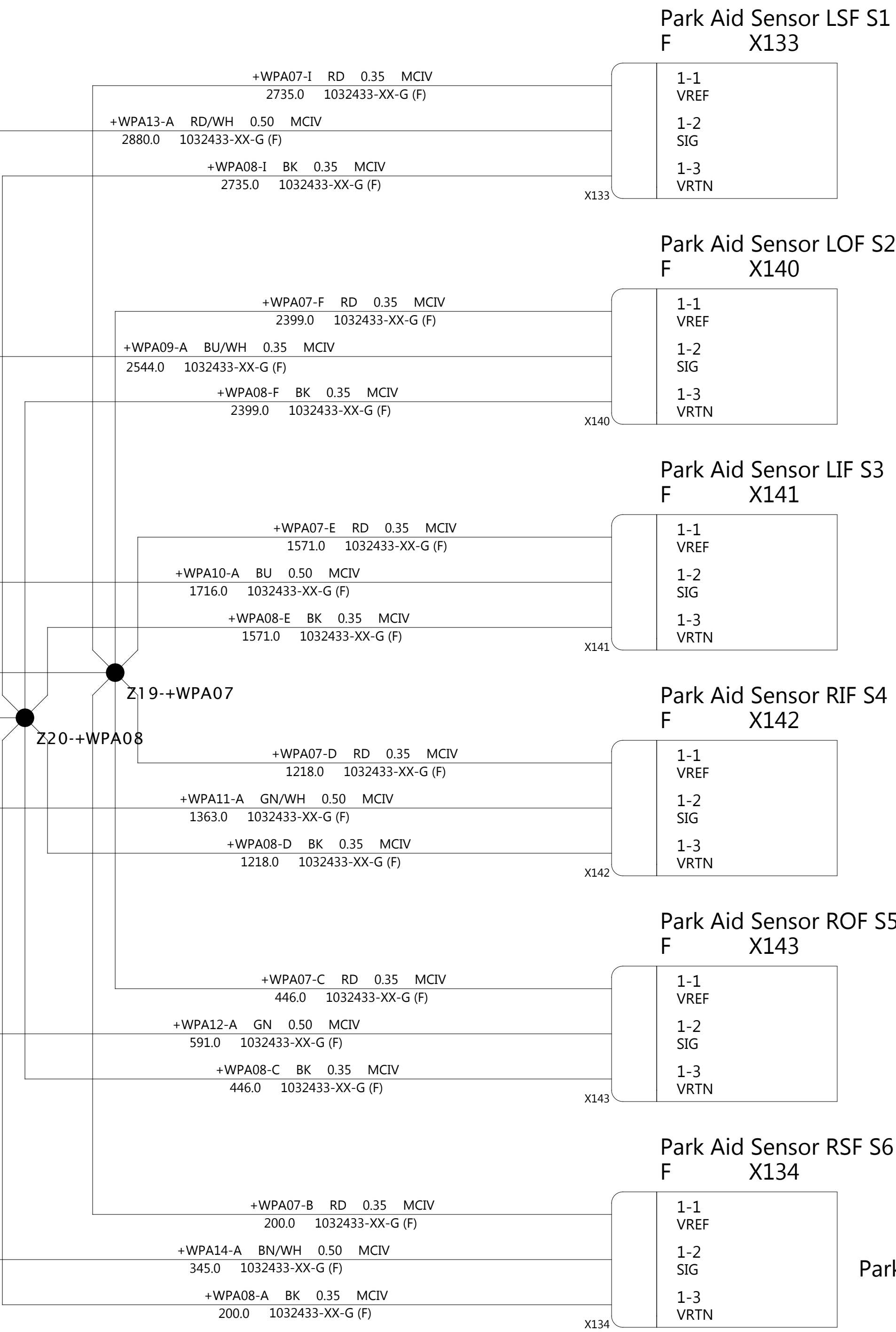
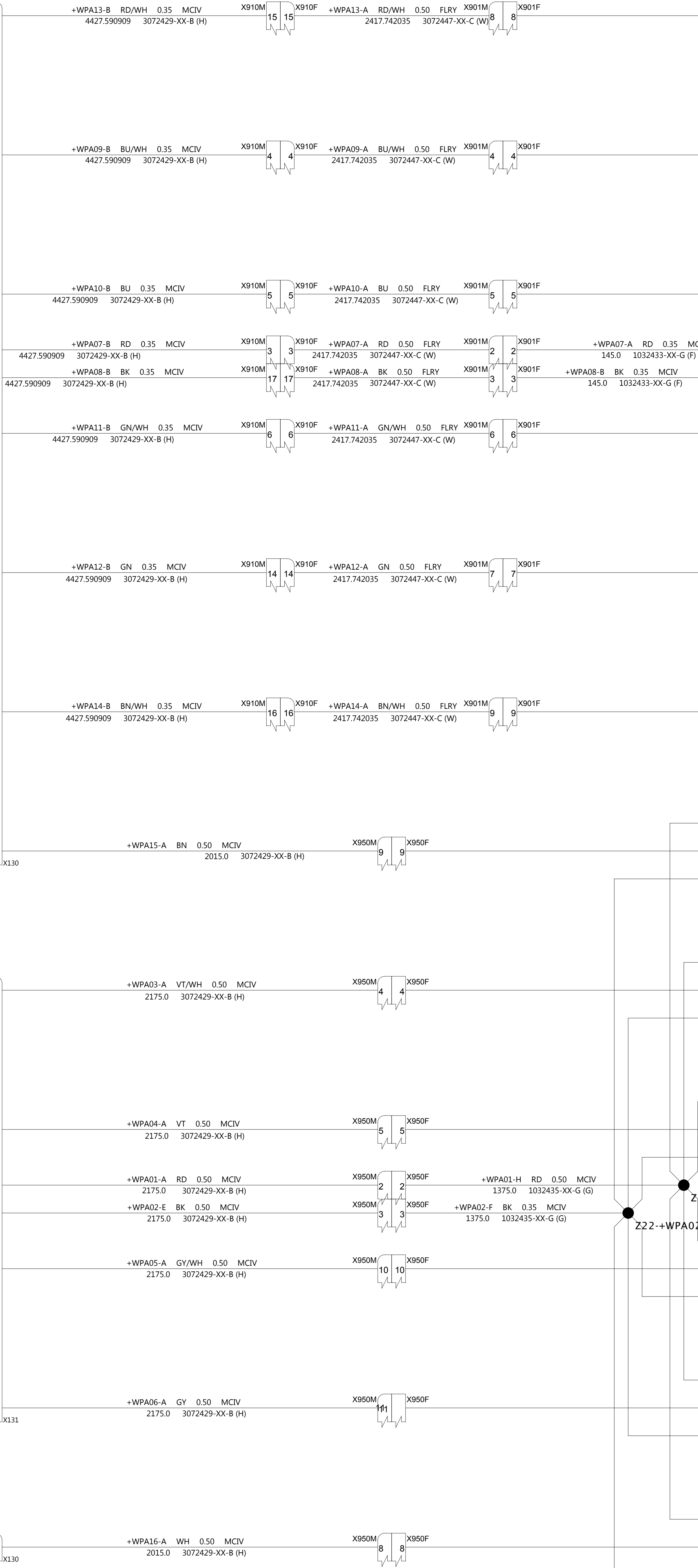
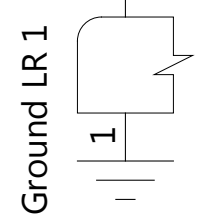
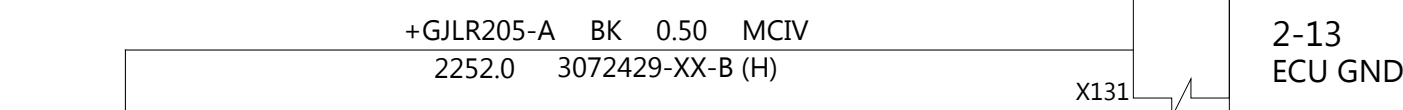
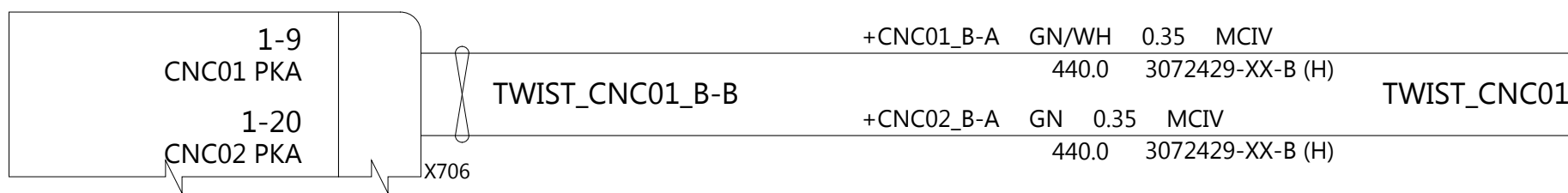
Park Aid ECU Valeo (PARK)
H X130 X131



AutoPilot ECU (DAS)
J X120A X890 X838 X837 X891 X801A X863 X878 X889 X899 X126



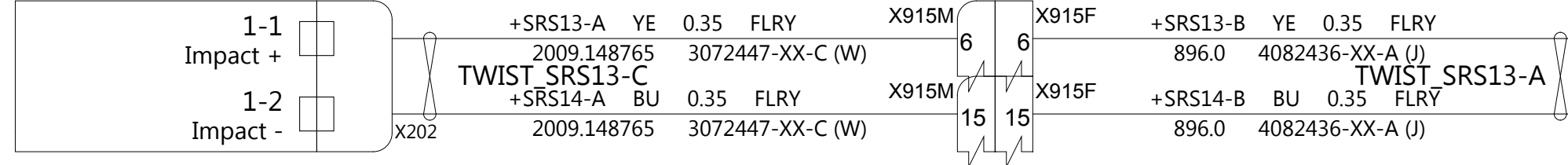
X706 Splice
H X706



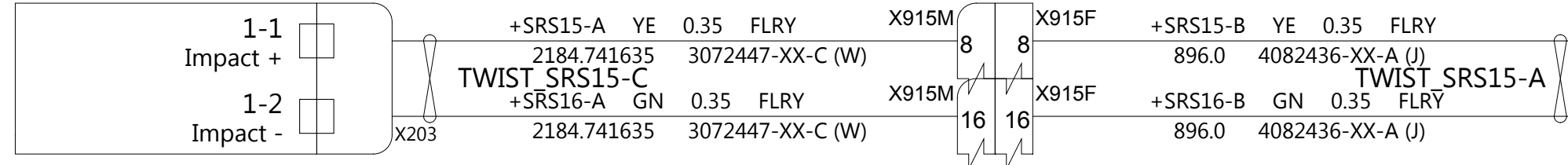
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DRAWN		CHECKED	APPROVED
MATERIAL AS SPECIFIED		FINISHING AS SPECIFIED	SCALE NONE
PART NAME Parking Aids - Valeo			
PART NUMBER		REV 6	SHEET 1 OF 2
			SIZE A0

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.

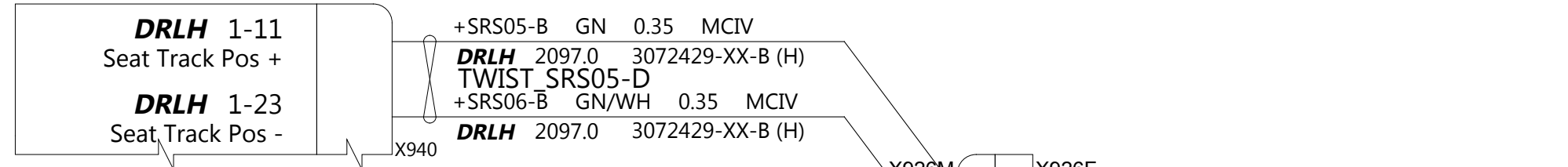
Impact Sensor LF
W X202



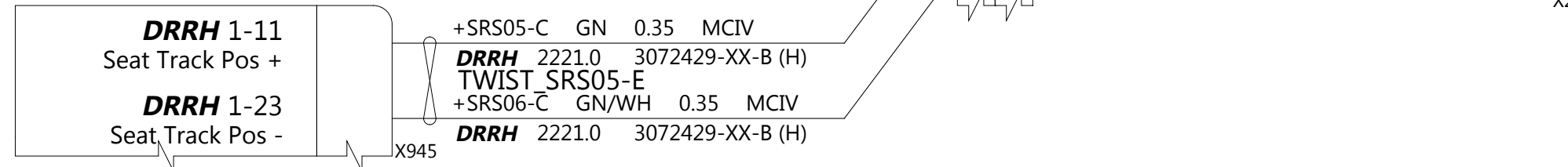
Impact Sensor RF
W X203



Seat Inline LF 2
H X940



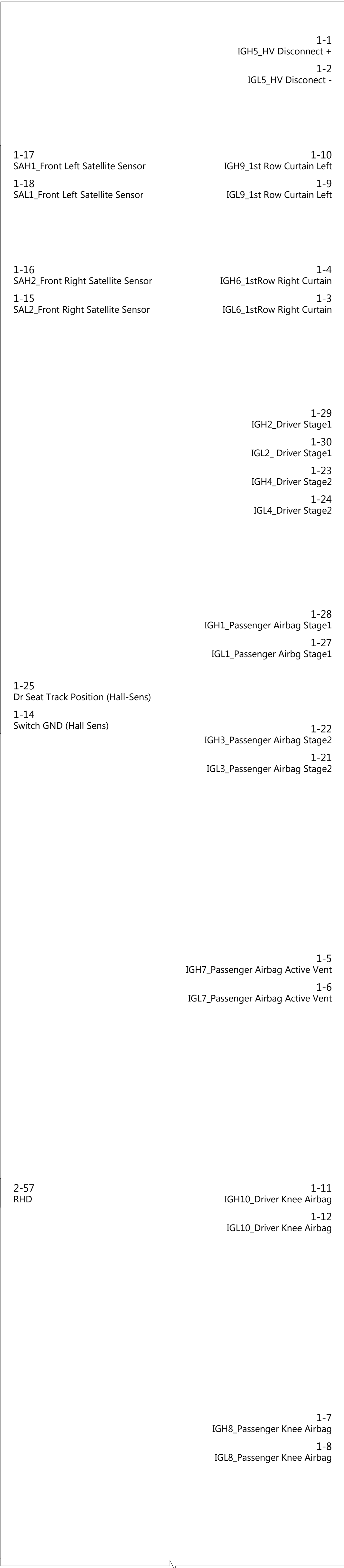
Seat Inline RF 2
H X945



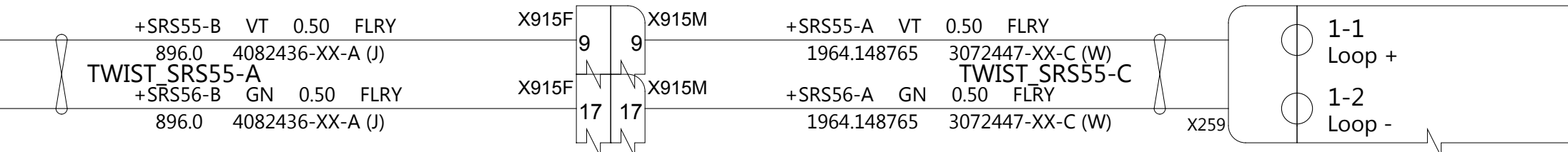
Ground JC Center
GND_JC_C



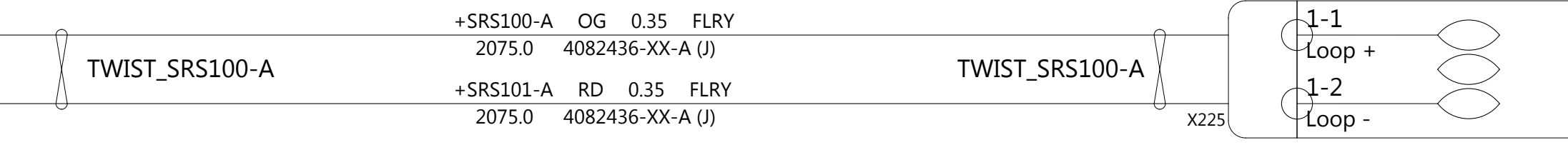
MX Restraints Controller 2 (RCM)
J,H X200 X201



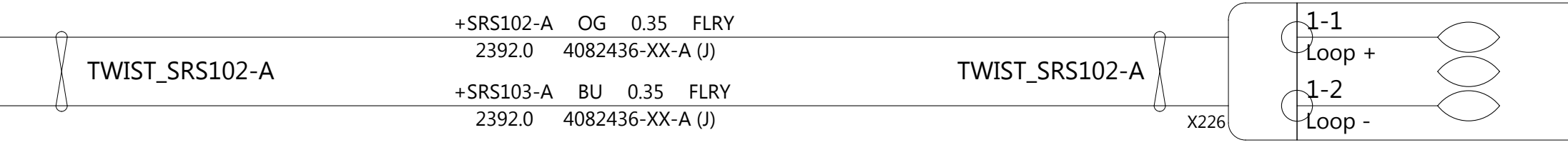
Pyrotechnic Disconnect
W X259



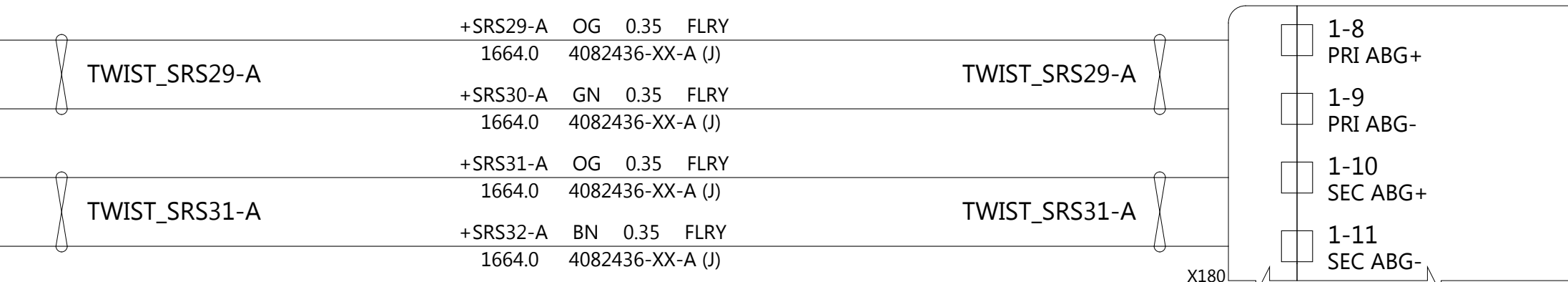
Curtain Airbag 1st Row LH
J X225



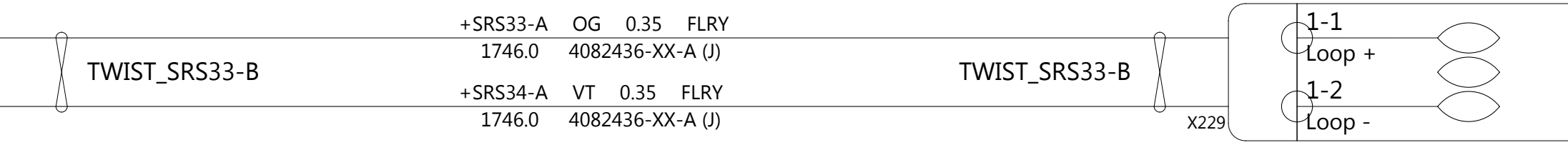
Curtain Airbag 1st Row RH
J X226



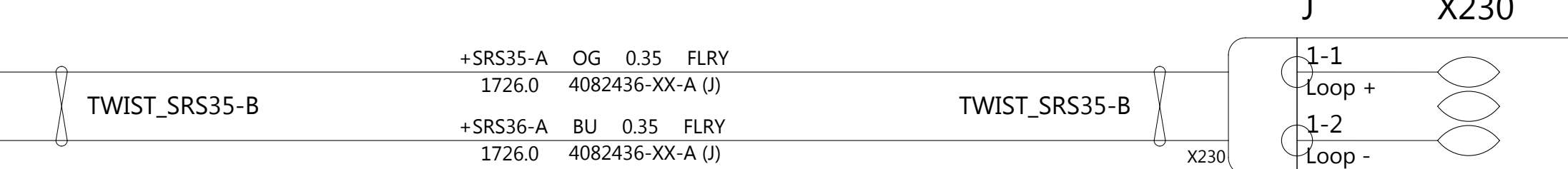
SCCM (includes Driver Airbag Stage 1 and 2)
J X180



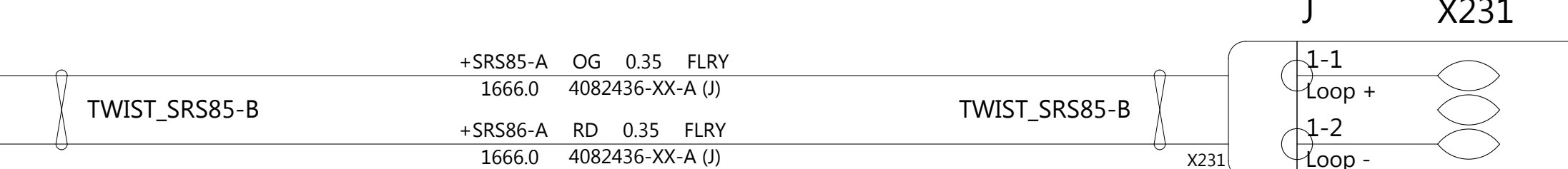
Passenger Airbag Stage 1
J X229



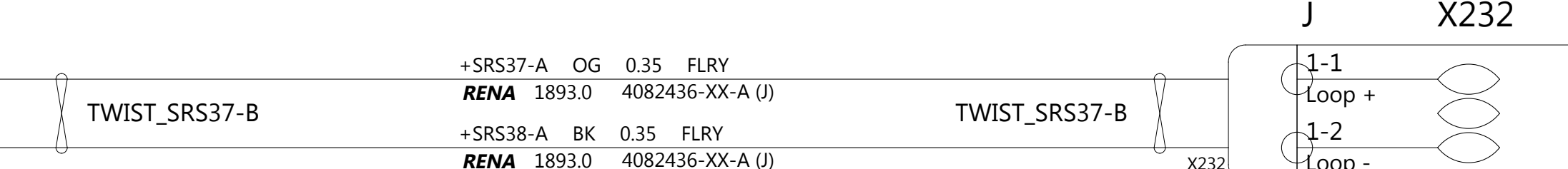
RENA
Passenger Airbag Stage 2
J X230



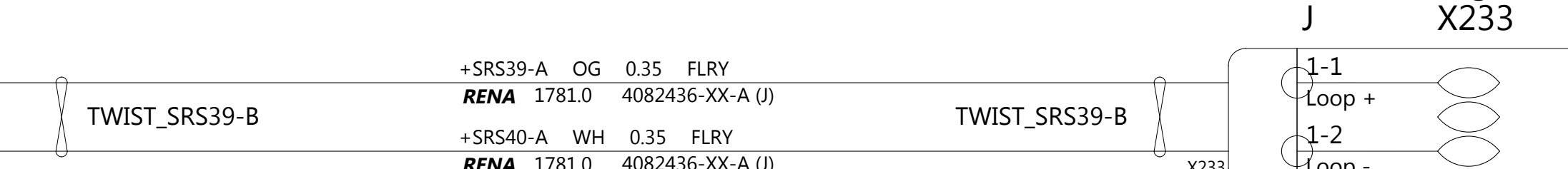
RENA
Passenger Airbag Active Vent
J X231



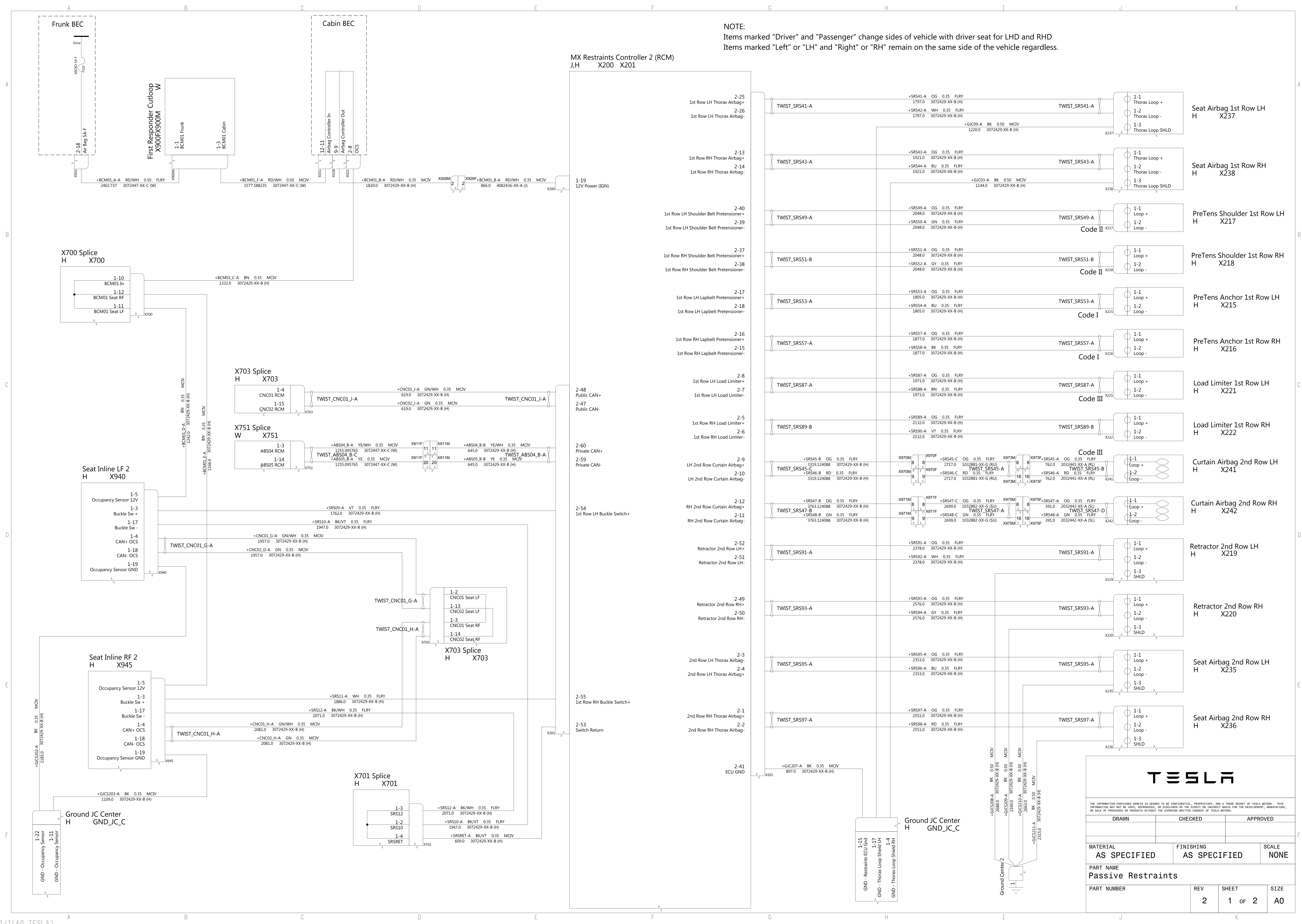
RENA
Knee Airbag Driver
J X232

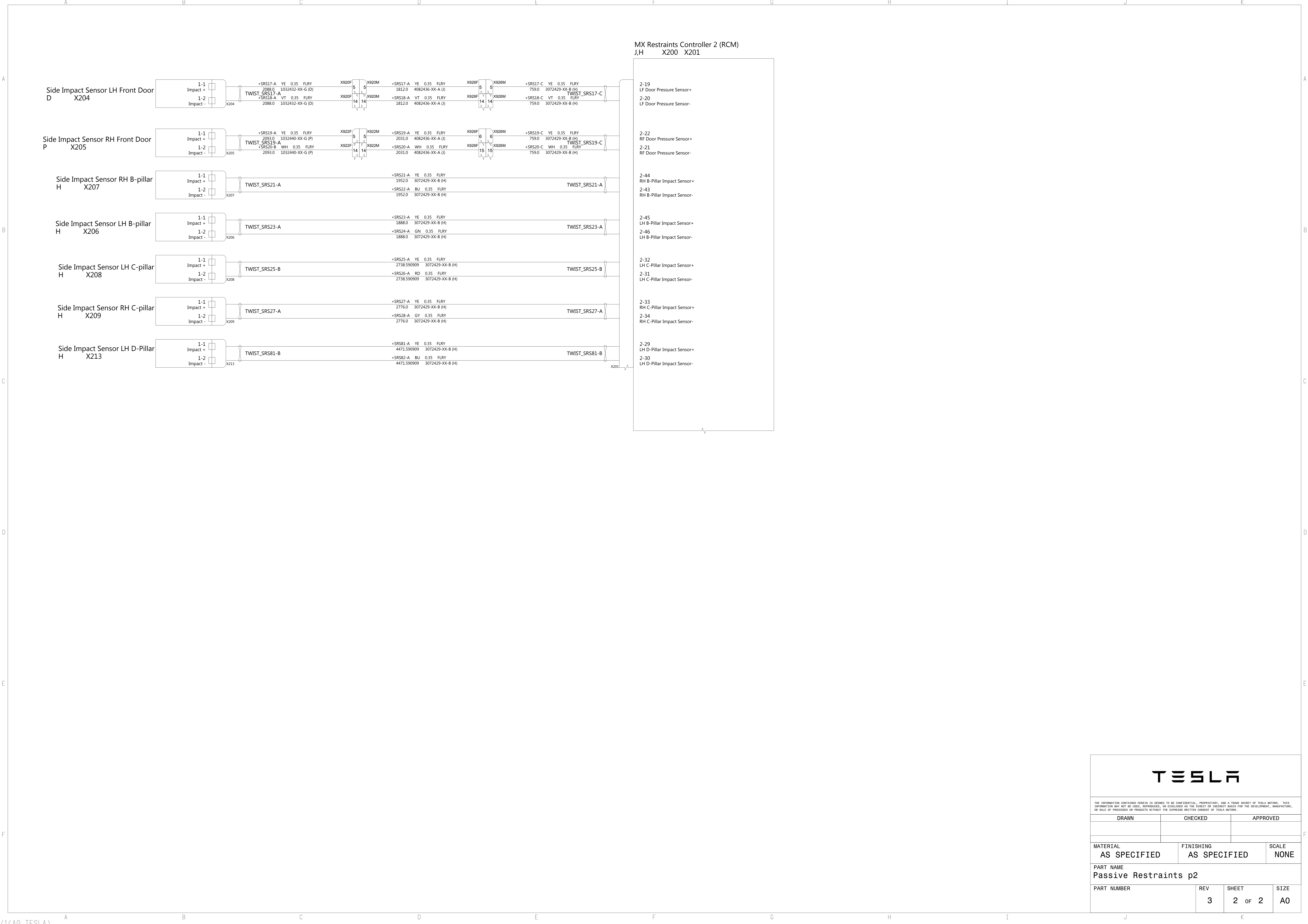


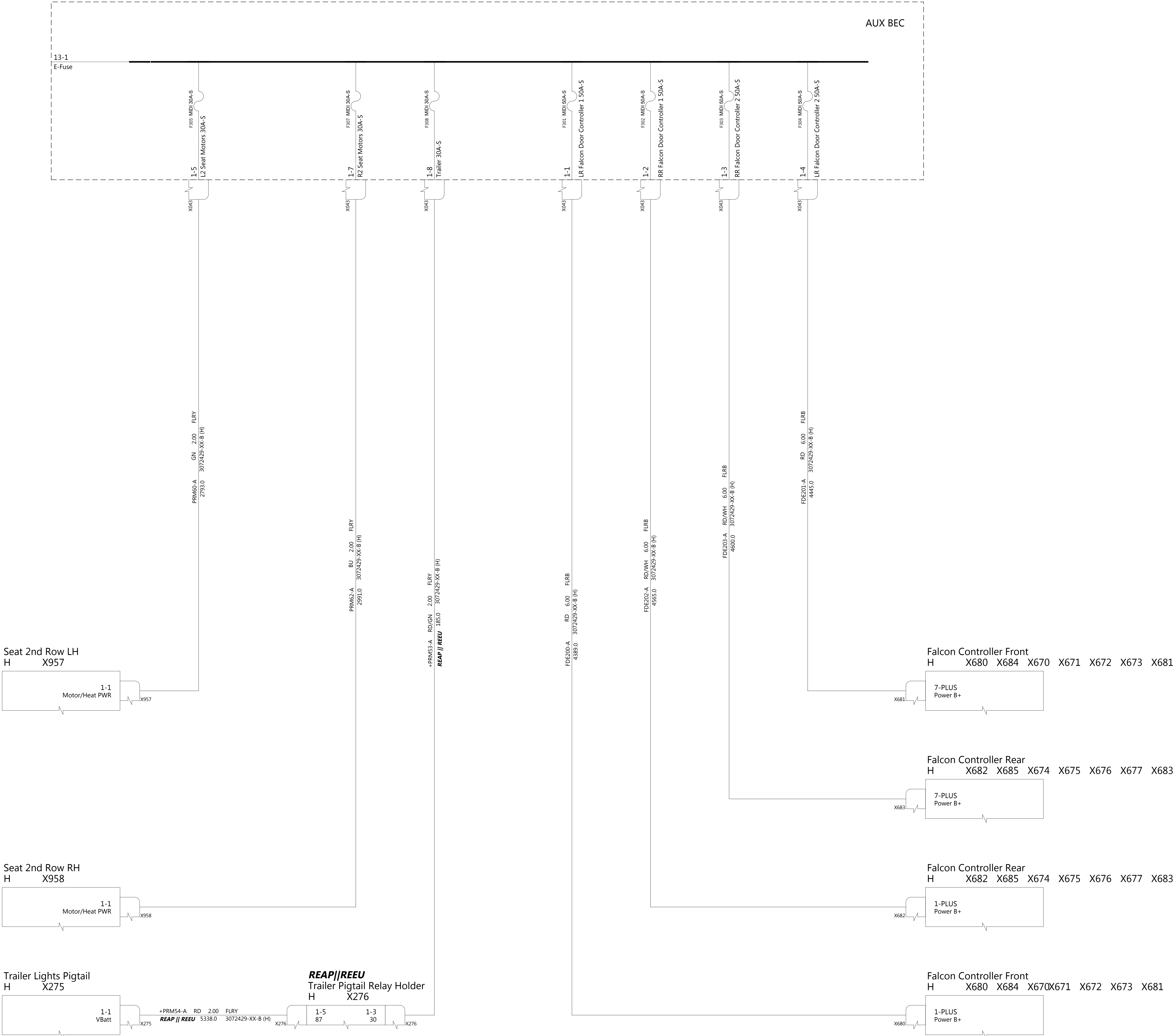
RENA
Knee Airbag Passenger
J X233



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DRAWN	CHECKED	APPROVED	
MATERIAL AS SPECIFIED		FINISHING AS SPECIFIED	SCALE NONE
PART NAME Passive Restraints - IP and Front			
PART NUMBER	REV 2	SHEET 1 of 1	SIZE A0







TESLA

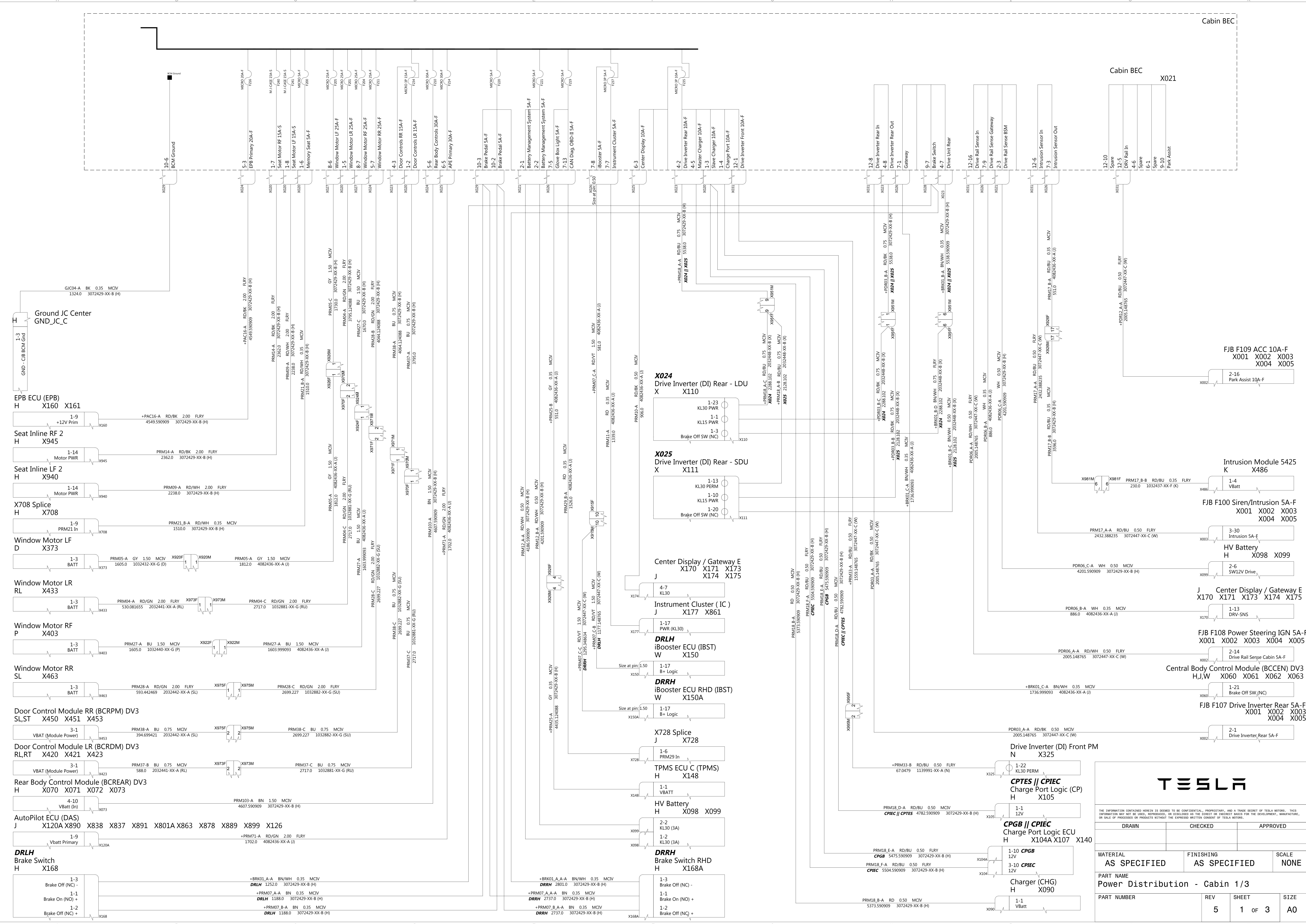
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DRAWN	CHECKED	APPROVED

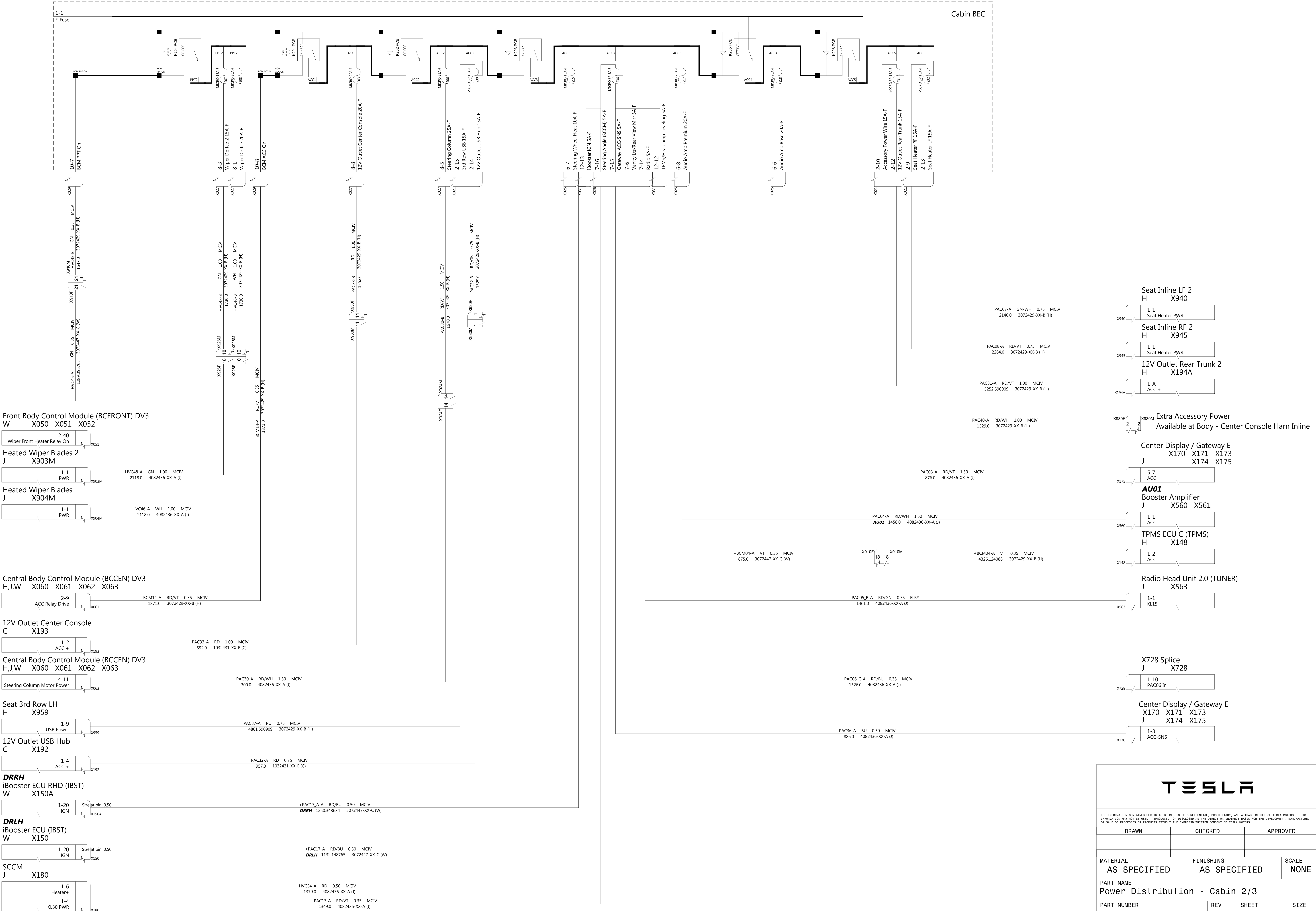
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
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PART NAME Power Distribution - Aux

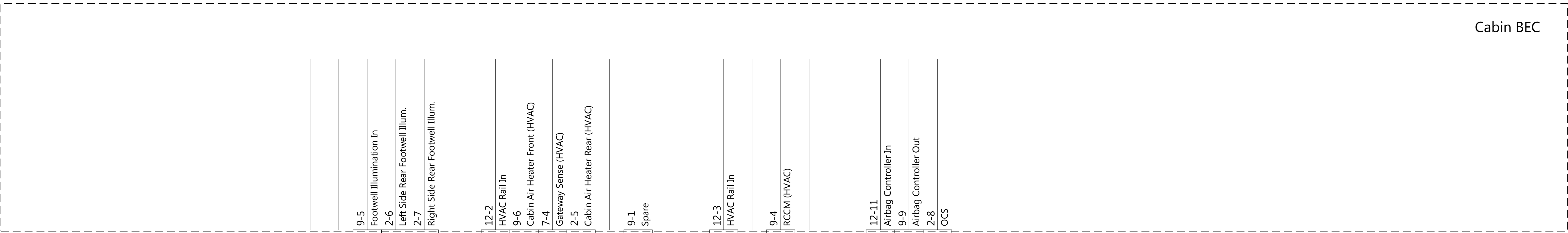
PART NUMBER	REV 2	SHEET 1 of 1	SIZE A0
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DRAWN	CHECKED	APPROVED	
MATERIAL AS SPECIFIED		FINISHING AS SPECIFIED	SCALE NONE
PART NAME Power Distribution - Cabin 1/3			
PART NUMBER	REV	SHEET	SIZE
	5	1 OF 3	A0



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DRAWN		CHECKED	
		APPROVED	
MATERIAL		FINISHING	
AS SPECIFIED		AS SPECIFIED	
		SCALE	
		NONE	
PART NAME			
Power Distribution - Cabin 2/3			
PART NUMBER		REV	SHEET
		5	2 OF 3
		SIZE	
		A0	



Central Body Control Module (BCCEN) DV3
H,J,W X060 X061 X062 X063

Under 1st Row Footwell Lights 2-36
X061 INL09_A-A GY/WH 0.35 MCIV
1935.0 3072429-XX-B (H)

Seat Inline LF 2
H X940

Under-seat Light PWR 1-2
X940 INL09_B-A GY/WH 0.35 MCIV
2140.0 3072429-XX-B (H)

Seat Inline RF 2
H X945

Under-seat Light PWR 1-2
X945 INL09_C-A GY/WH 0.35 MCIV
2264.0 3072429-XX-B (H)

FJB F113 Cabin Air Heater/Splice 10A-F
X001 X002 X003 X004 X005

Cabin Air Heater/Splice 10A-F 2-9
X002 PHC19-A RD/WH 0.50 FLRY
2005.148765 3072447-XX-C (W)

DRLH
PTC Air Heater
H X535

1-4 IGN X535 PHC18-A RD/WH 0.50 MCIV
DRLH 2030.0 3072429-XX-B (H)

DRRH
PTC Air Heater RHD
H X535A

1-4 IGN X535A PHC18-A-A RD/WH 0.50 MCIV
DRRH 915.0 3072429-XX-B (H)

Center Display / Gateway E
J X170 X171 X173 X174 X175

1-12 HVAC-SNS X170 PHC23-A BN 0.50 MCIV
886.0 4082436-XX-A (J)

Rear HVAC Case RC
H X537 X538

1-7 12V_PTC X537 PHC22-B RD/WH 0.50 MCIV
4443.0 3072429-XX-B (H)

Air Quality Sensor
L X543

1-1 +12V X543 PHC21-A RD 0.50 MCIV
1010.0 2032438-XX-A (L)

FJB F112 RCCM/Cabin Splice 5A-F
X001 X002 X003 X004 X005

RCCM/Cabin Splice 5A-F 2-19
X002 PHC08_A-A RD/VT 0.50 FLRY
2005.148765 3072447-XX-C (W)

DRLH
RCCM
H X540

1-8 BATT X540 PHC08_B-A RD/VT 0.35 FLRY
DRLH 2325.0 3072429-XX-B (H)

DRRH
RCCM RHD
H X540A

1-8 BATT X540A PHC08_B_A-A RD/VT 0.35 MCIV
DRRH 1125.0 3072429-XX-B (H)

+BCM01_C-A BN 0.35 MCIV
1332.0 3072429-XX-B (H)

X700 Splice
H X700

1-10 BCM01 In X700

MX Restraints Controller 2 (RCM)
J,H X200 X201

1-19 12V Power (IGN) X200

+BCM01_B-A RD/WH 0.35 MCIV
1820.0 3072429-XX-B (H)

+BCM01_B-A RD/WH 0.35 MCIV
866.0 4082436-XX-A (J)

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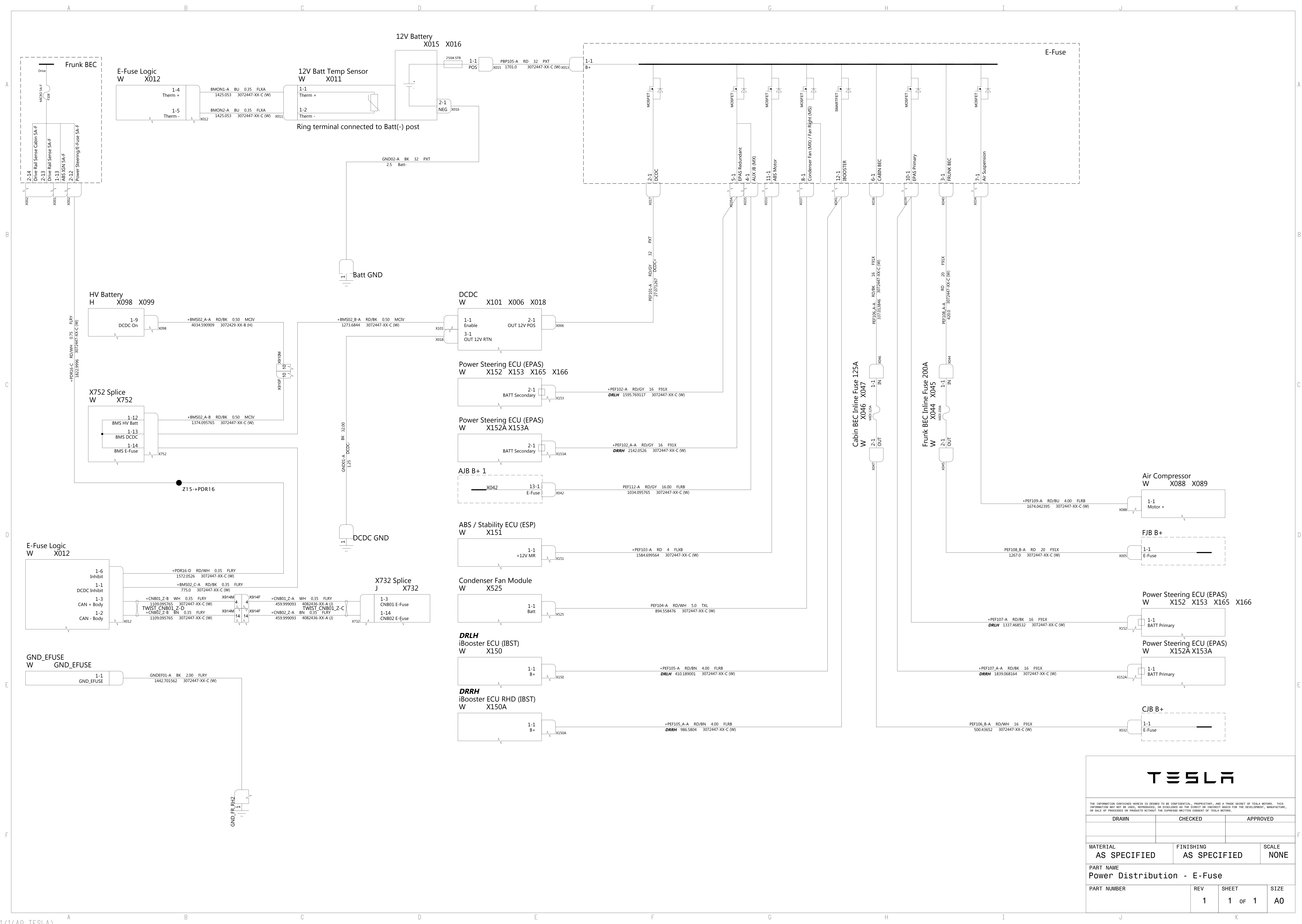
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DRAWN	CHECKED	APPROVED

MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
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PART NAME
Power Distribution - Cabin 3/3

PART NUMBER	REV	SHEET	SIZE
	5	3 OF 3	A0



Door Control Module RF (BCFPM) DV3
P X390 X391 X392 X393

Door Control Module LF (BCFDM) DV3
D X360 X361 X362 X363

First Responder Cutloop
W X900MX900F

CJB Passthrough Intrusion Sensor
X020

Siren Module
L X487

Central Body Control Module (BCCEN) DV3
H,J,W X060 X061 X062 X063

Front Body Control Module (BCFRONT) DV3
W X050 X051 X052

Horn Left
W X196 X197

Horn Right
W X198 X199

AutoPilot ECU (DAS)
J X120A X890 X838 X837 X891 X801A X863 X878 X889 X899 X126

Rear Body Control Module (BCREAR) DV3
H X070 X071 X072 X073 X078

DRRH
Wiper Motor RHD
W X300A

DRLH
Wiper Motor
W X300

Central Body Control Module (BCCEN) DV3
H,J,W X060 X061 X062 X063

Front Body Control Module (BCFRONT) DV3
W X050 X051 X052

Rear Defrost Grid +
T X310

SU03
Tesla Adaptive Suspension Controller (TAS)
W X065 X066 X067 X068

Rear HVAC Case RC
H X537 X538

Tesla Thermal Controller (THC)
W X500 X501 X502 X503

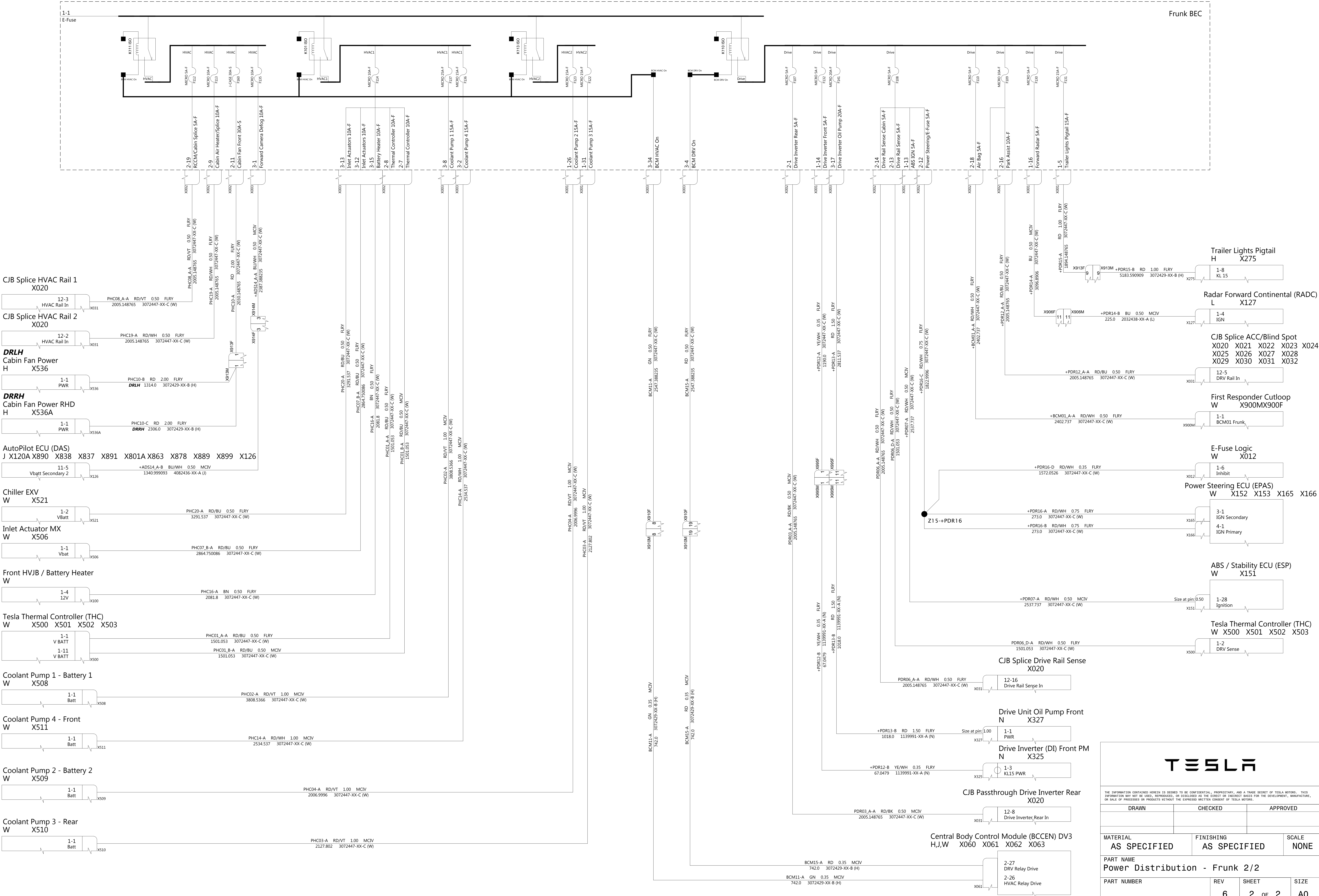
Trailer Brakes ECU Connection
J X164

Rear Body Control Module (BCREAR) DV3
H X070 X071 X072 X073

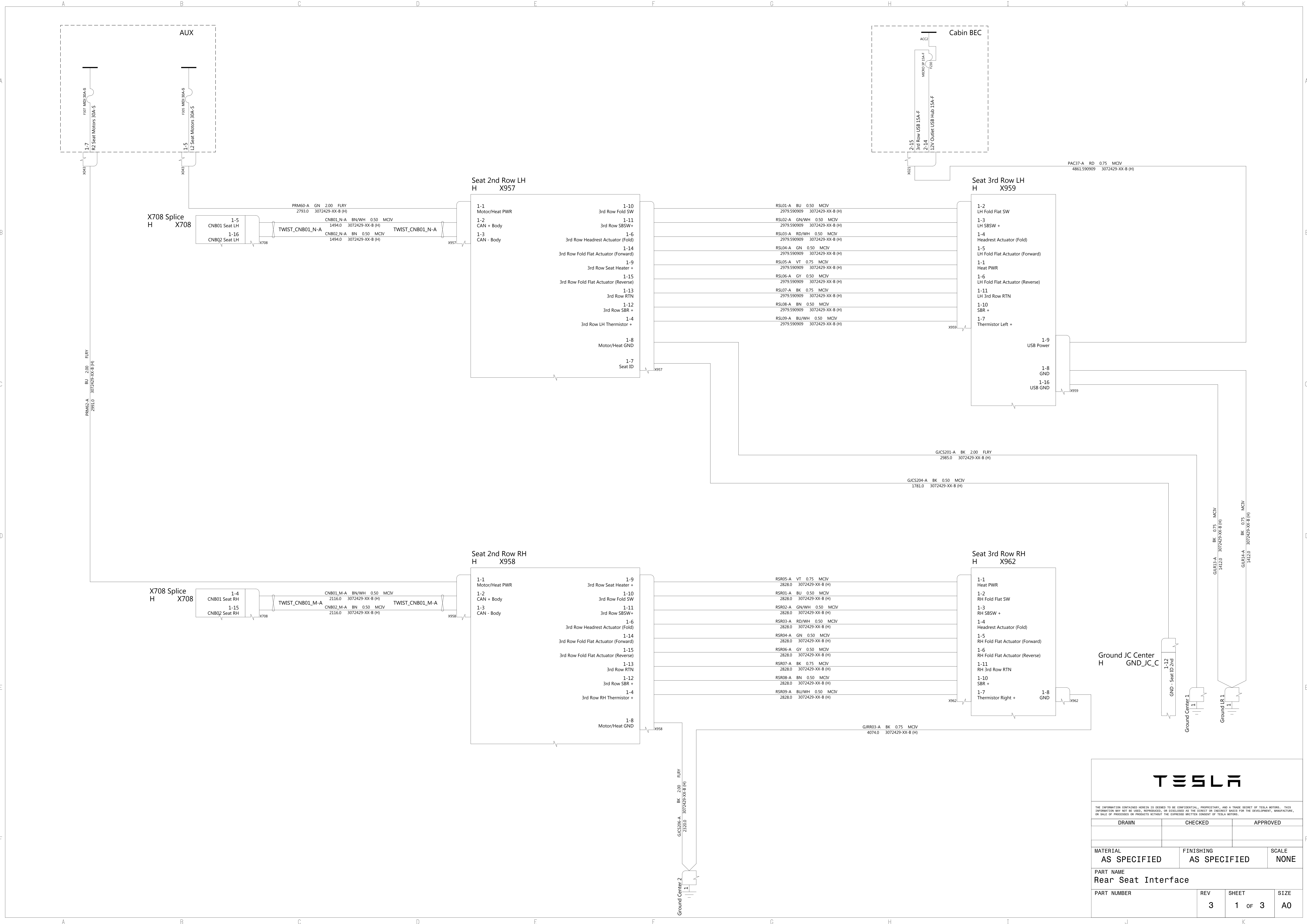
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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME Power Distribution - Frunk 1/2		
PART NUMBER	REV 6	SHEET 1 OF 2 SIZE A0



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DRAWN	CHECKED	APPROVED	
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE	
PART NAME Power Distribution - Frunk 2/2			
PART NUMBER	REV	SHEET	SIZE
	6	2 OF 2	A0



TESLA

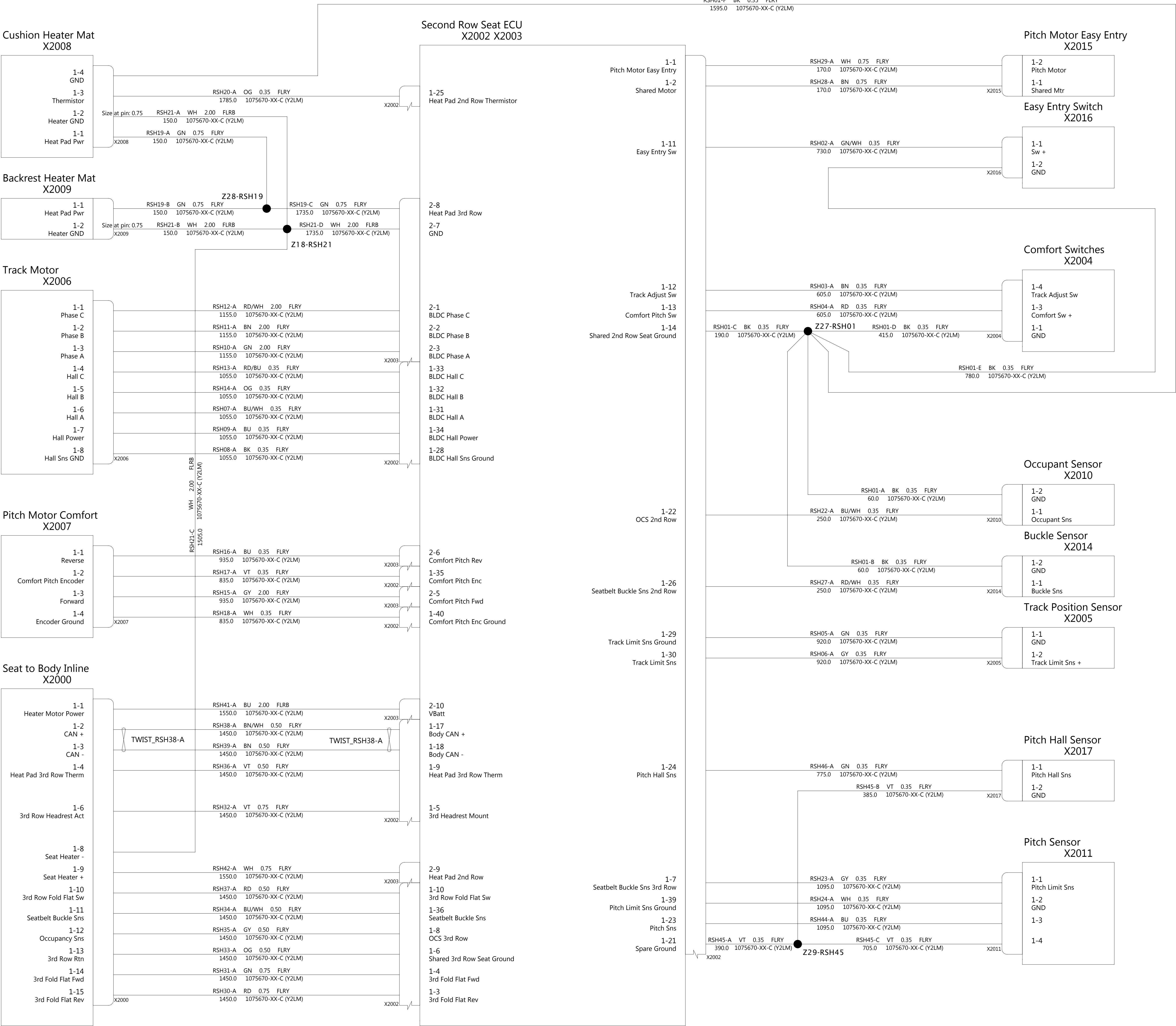
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DRAWN	CHECKED	APPROVED

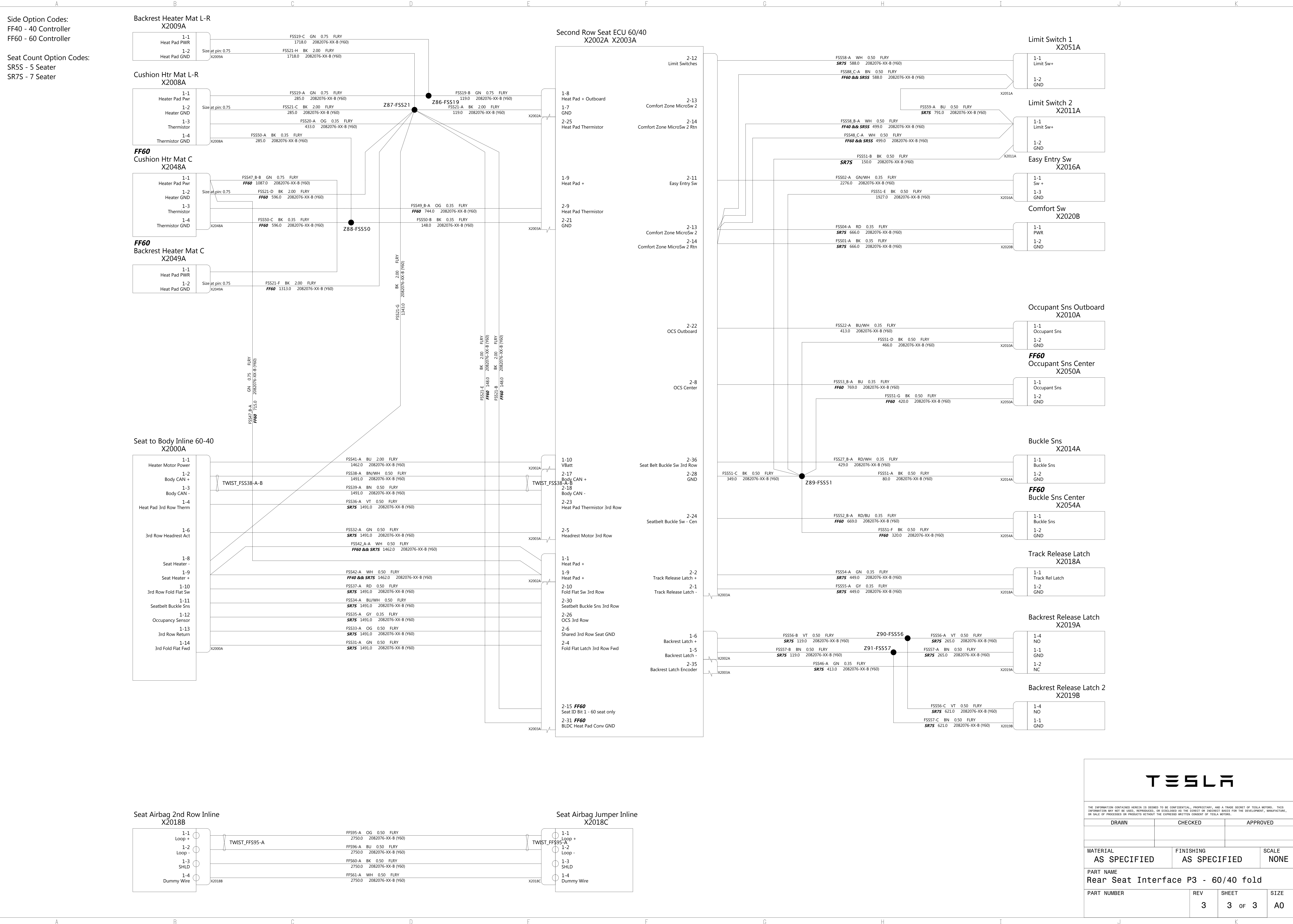
MATERIAL	FINISHING	SCALE
AS SPECIFIED	AS SPECIFIED	NONE

PART NAME
Rear Seat Interface

PART NUMBER	REV	SHEET	SIZE
	3	1 of 3	A0



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DRAWN	CHECKED	APPROVED	
MATERIAL	FINISHING	SCALE	
AS SPECIFIED	AS SPECIFIED	NONE	
PART NAME			
Rear Seat Interface P2 - Monopost Seats			
PART NUMBER	REV	SHEET	SIZE
	2	2 OF 4	A0

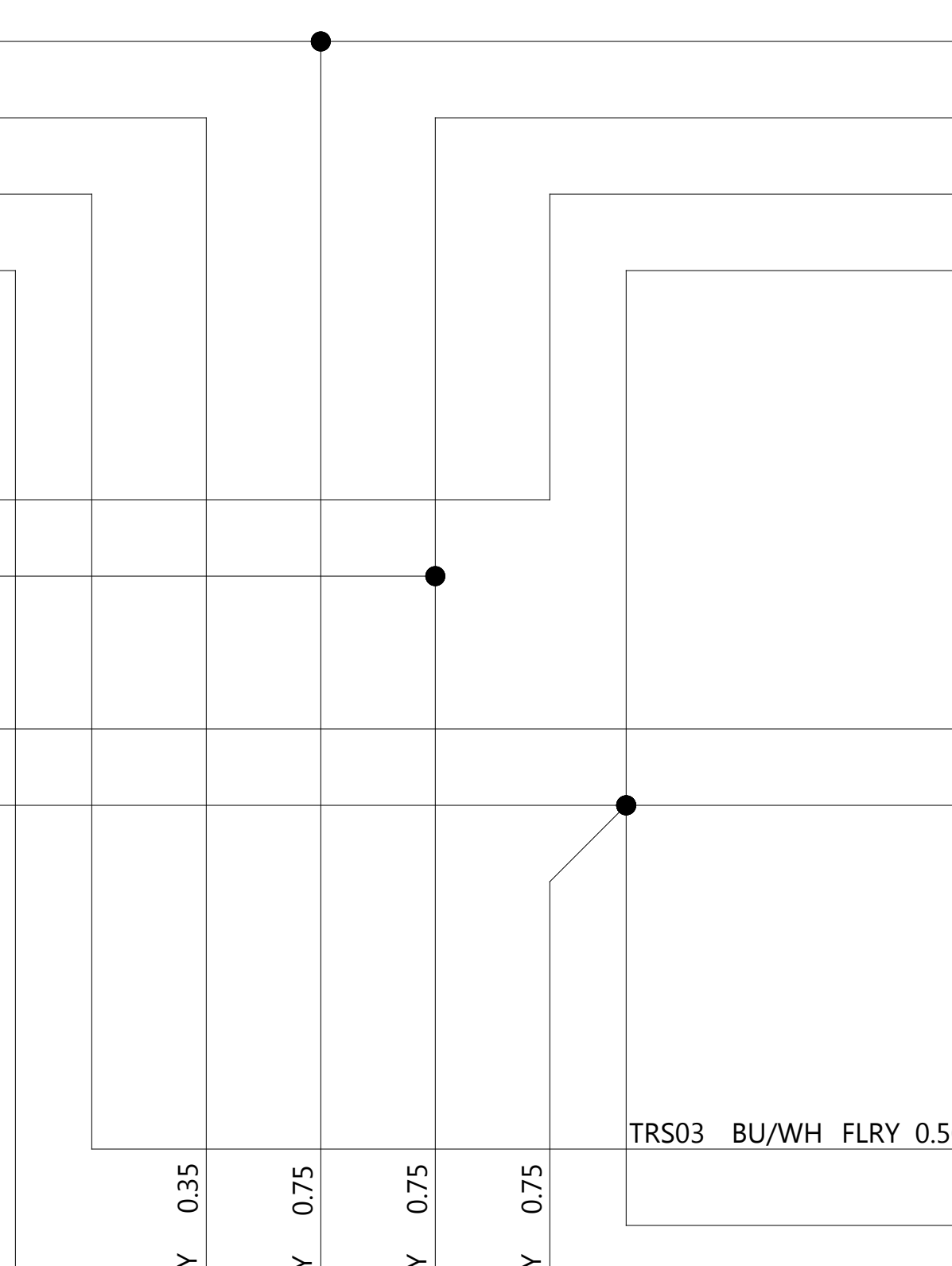
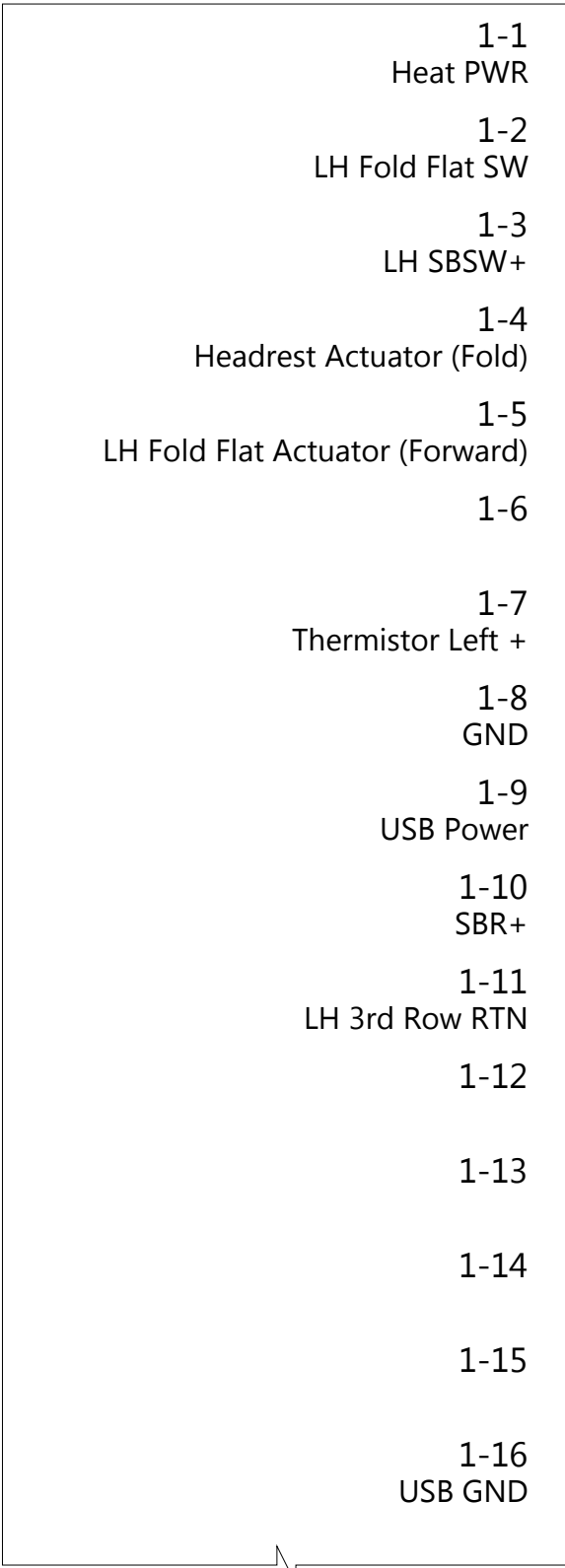


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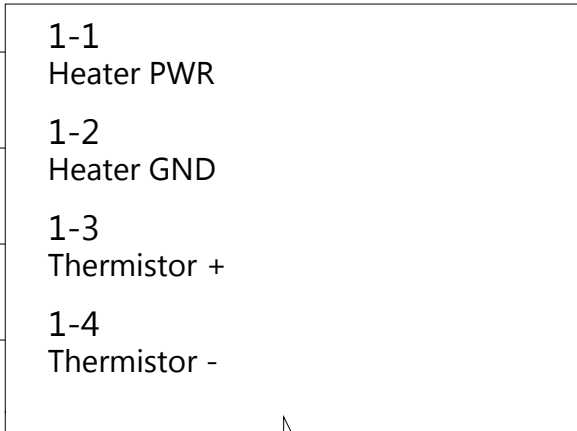
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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME Rear Seat Interface P3 - 60/40 fold		
PART NUMBER	REV 3	SHEET 3 OF 3
		SIZE A0

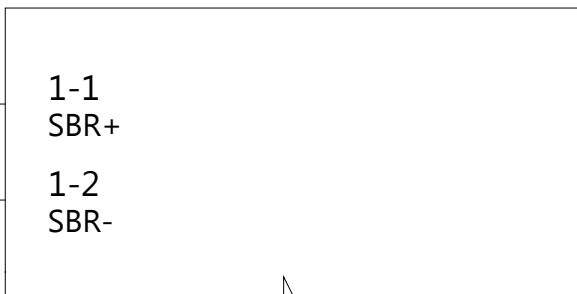
Seat to Body Inline 3rd Row
X3001



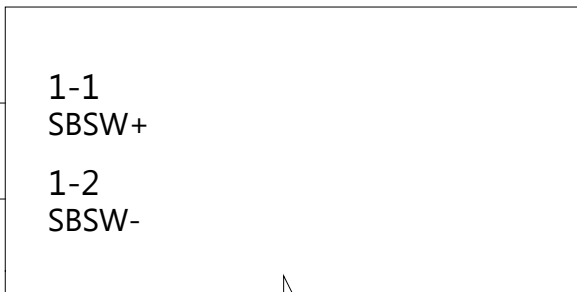
3rd Row Htr Mat Cushion
X3004



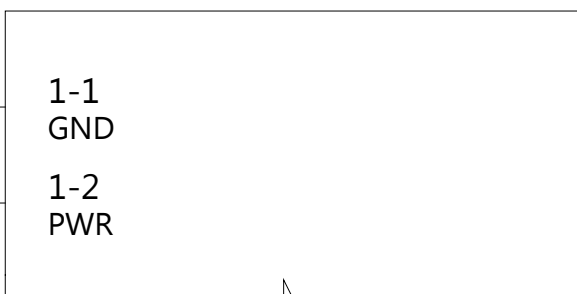
3rd Row Occupant Sns
X3005



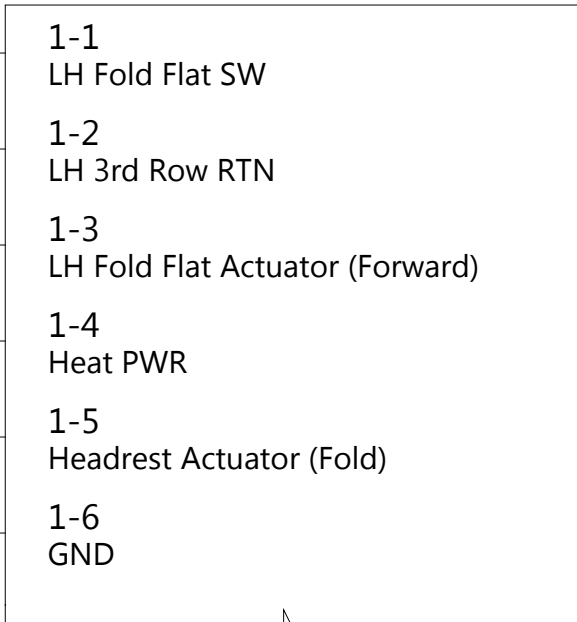
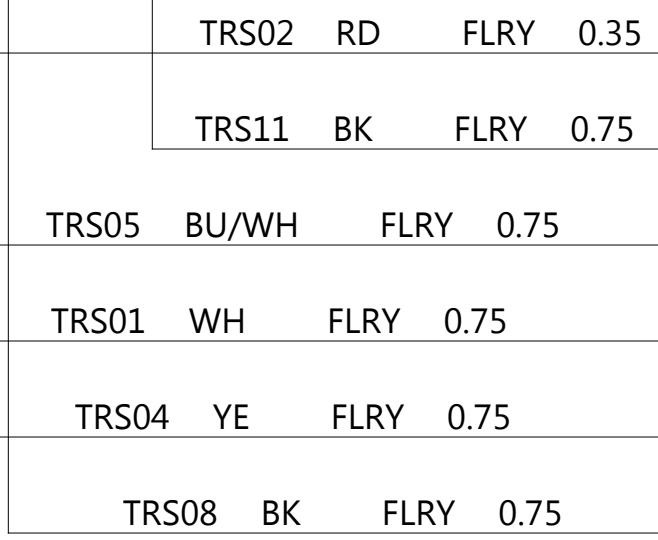
3rd Row Buckle Sns
X3003



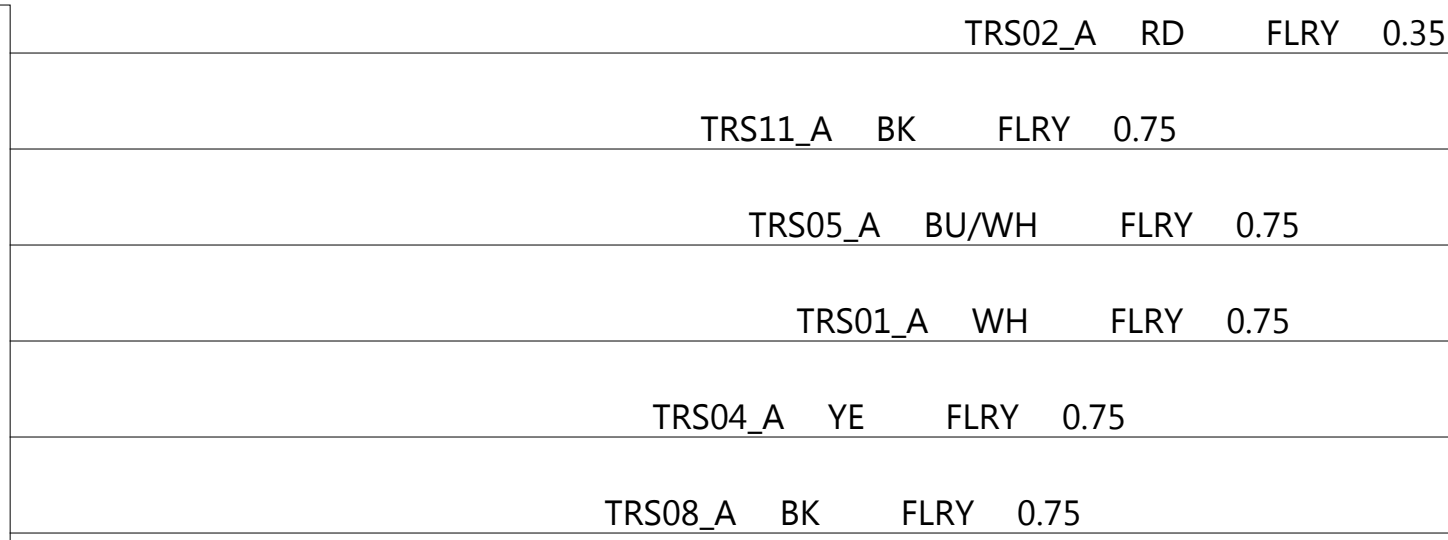
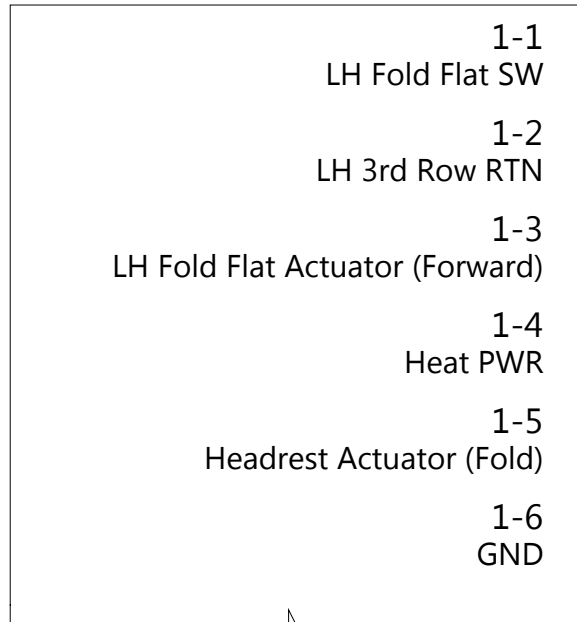
3rd Row USB
X3025



Seat 3R Cushion to Back Inline 1
P3008



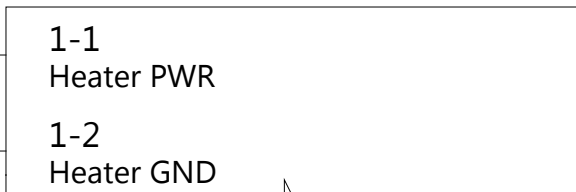
Seat 3R Cushion to Back Inline 2
P3012



3rd Row Seat Sw
X3015



3rd Row Htr Back Mat
X3016



3rd Row Fold Motor
X3014



3rd Row HeadRest Motor
X3013



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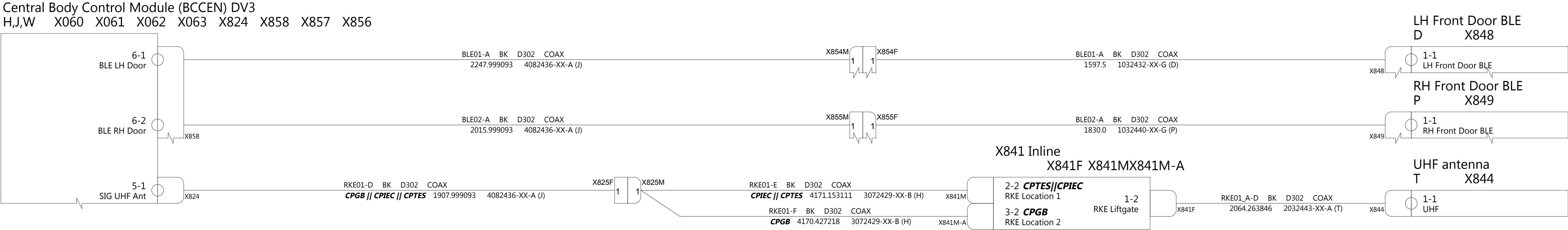
DRAWN	CHECKED	APPROVED

MATERIAL	FINISHING	SCALE
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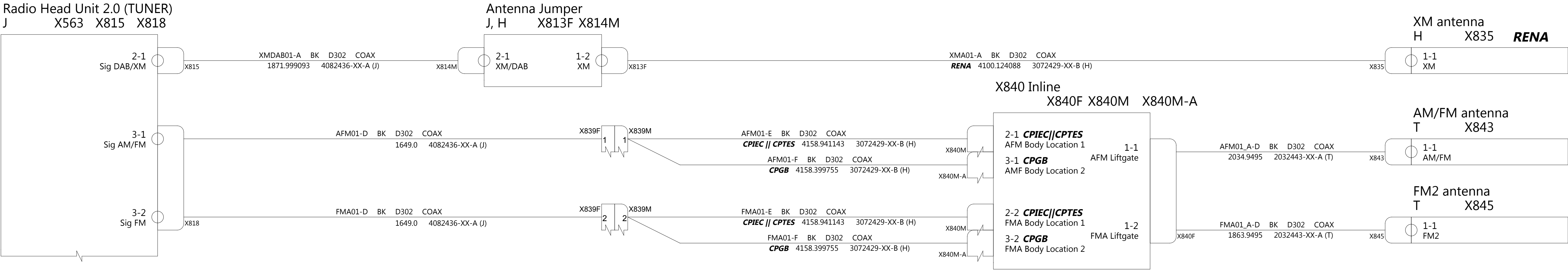
PART NAME
Rear Seat Interface - Third Row Seat Interat Wiring

PART NUMBER	REV	SHEET	SIZE
	1	1 OF 1	A0

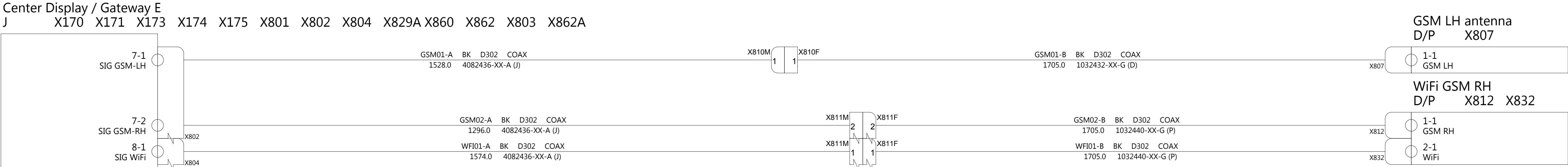
Central Body Control Module (BCCEN) DV3
H,J,W X060 X061 X062 X063 X824 X858 X857 X856



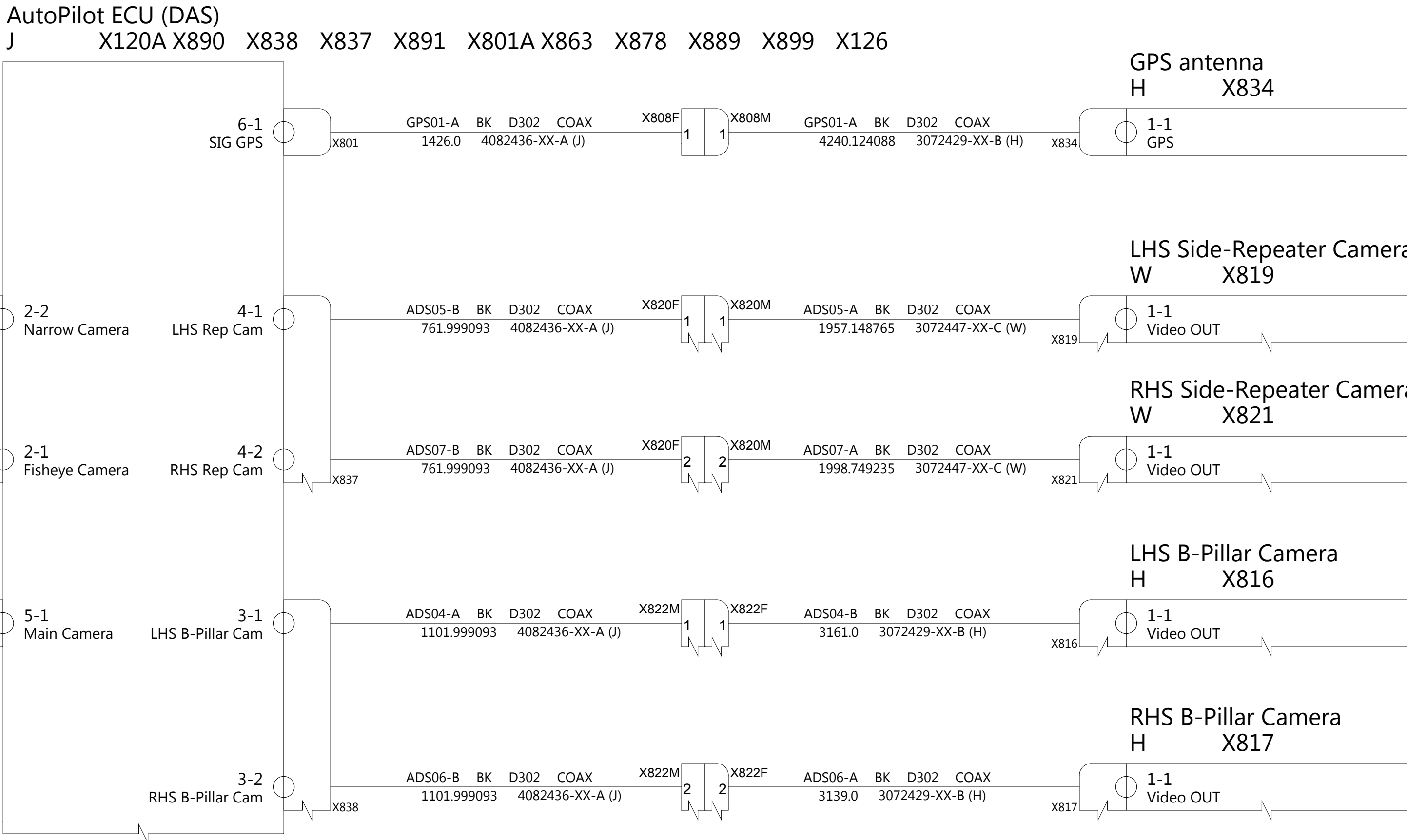
Radio Head Unit 2.0 (TUNER)
J X563 X815 X818



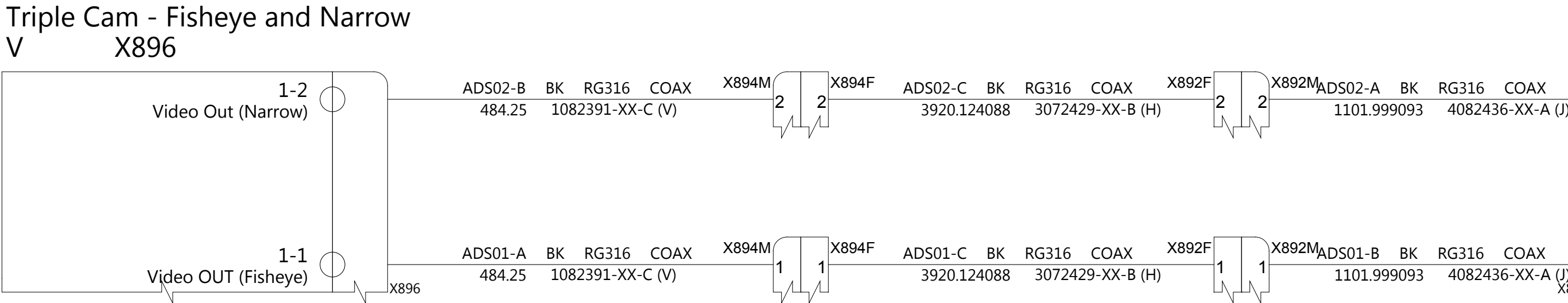
Center Display / Gateway E
J X170 X171 X173 X174 X175 X801 X802 X804 X829A X860 X862 X803 X862A



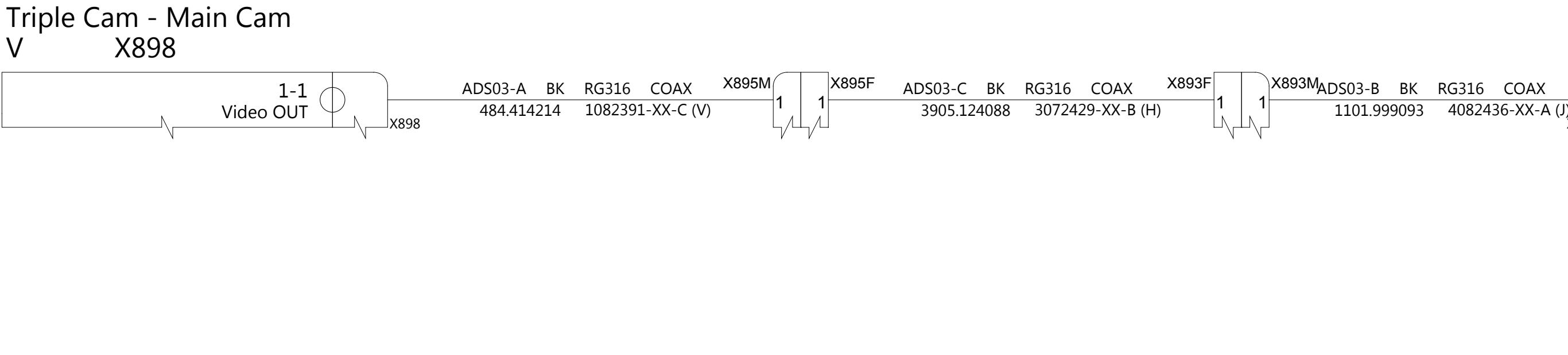
AutoPilot ECU (DAS)
J X120A X890 X838 X837 X891 X801A X863 X878 X889 X899 X126



Triple Cam - Fisheye and Narrow
V X896



Triple Cam - Main Cam
V X898



Inline Connectors X841 and X840 have slightly different locations in vehicle depending on charge port. The following circuits have duplicate wires - One for each location though only 1 or the other in any given vehicle:

- RKE01_A
- AMF01_A
- FMA01_A

TESLA

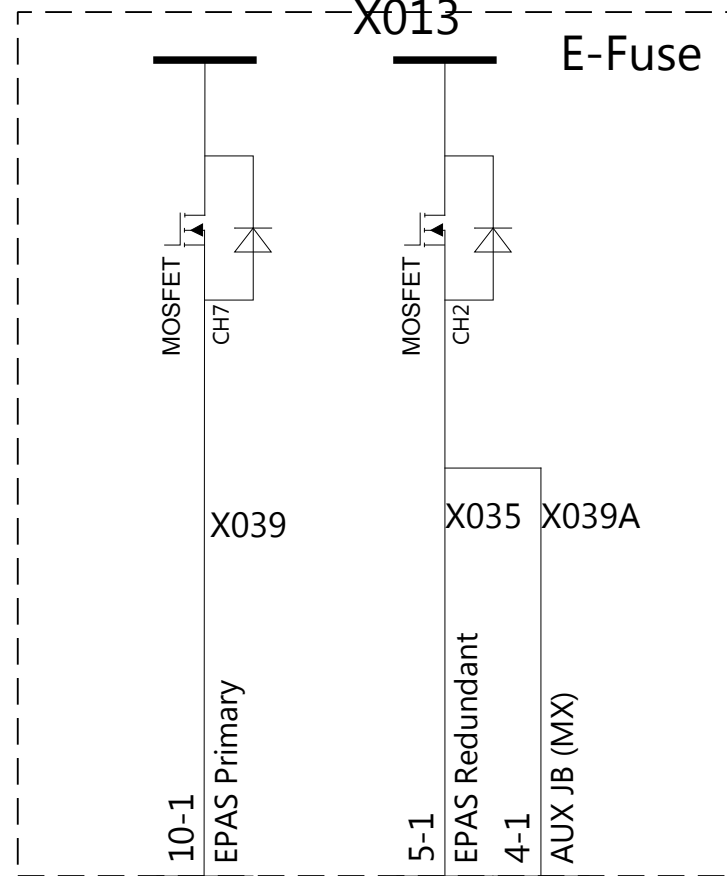
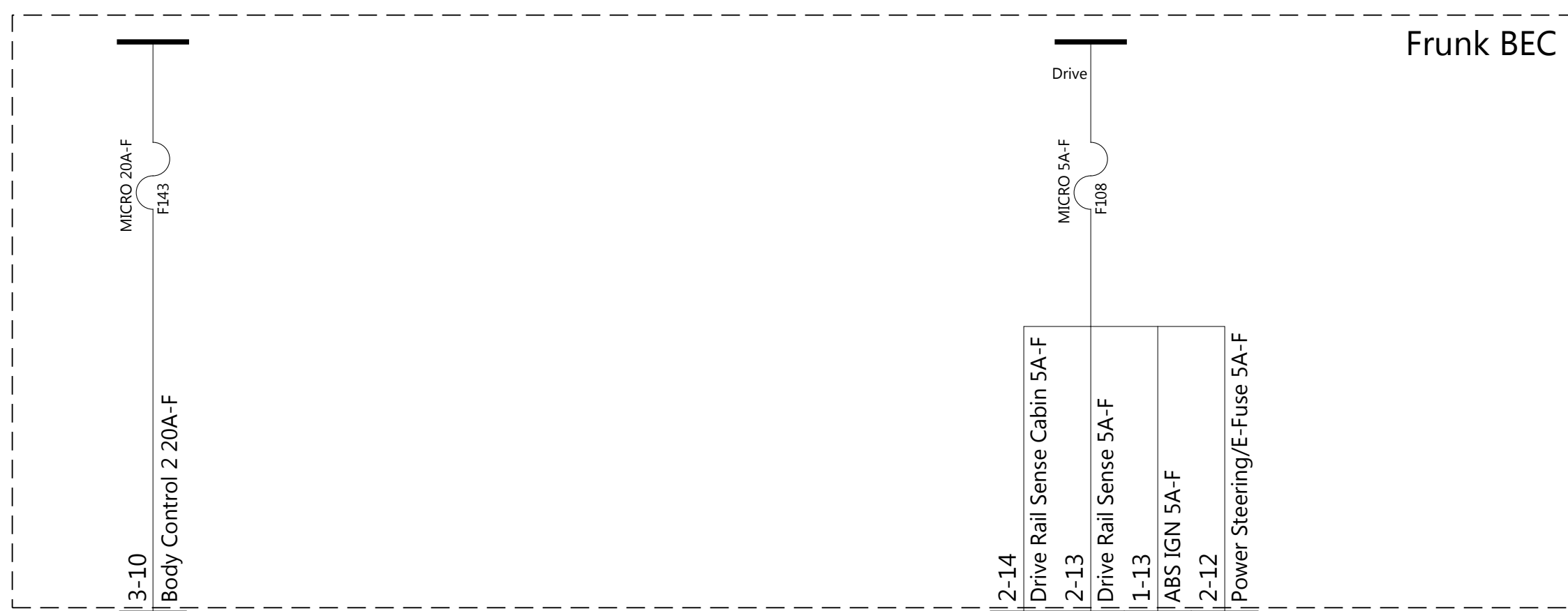
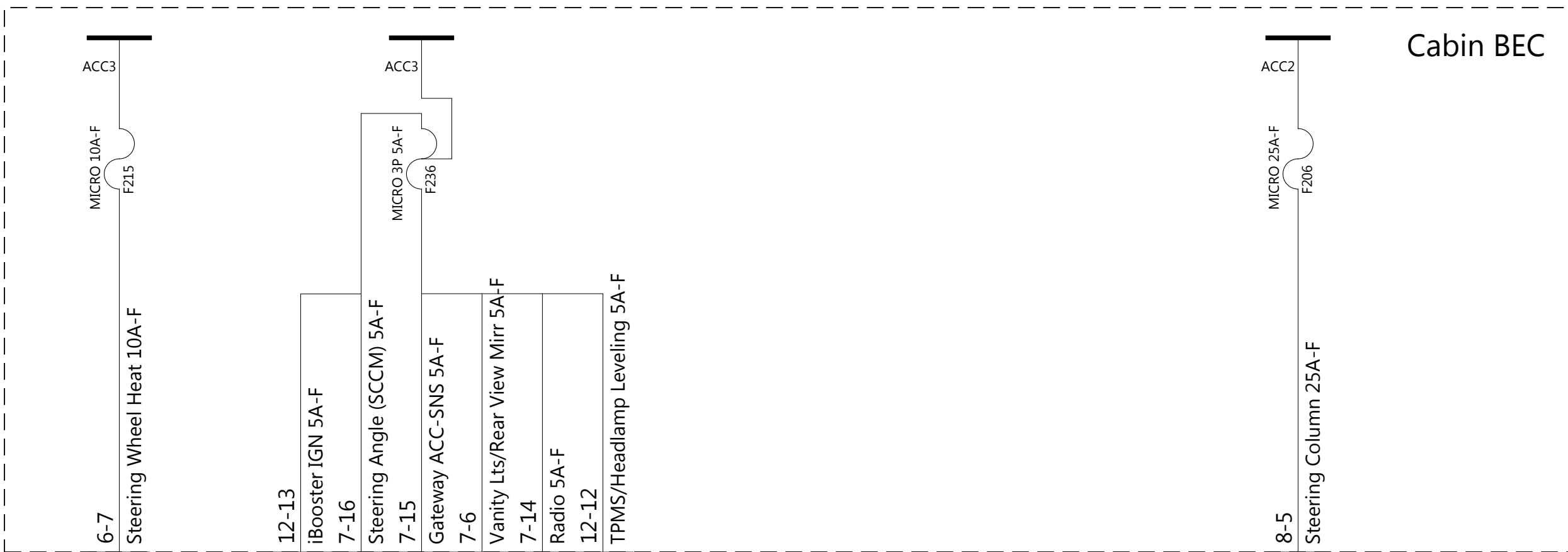
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DRAWN	CHECKED	APPROVED

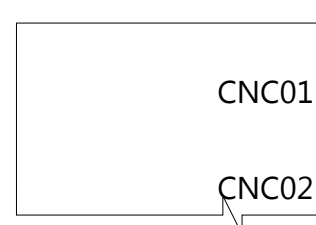
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
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PART NAME RF Cables

PART NUMBER	REV	SHEET	SIZE
	2	1 of 1	A0



X730 Splice J



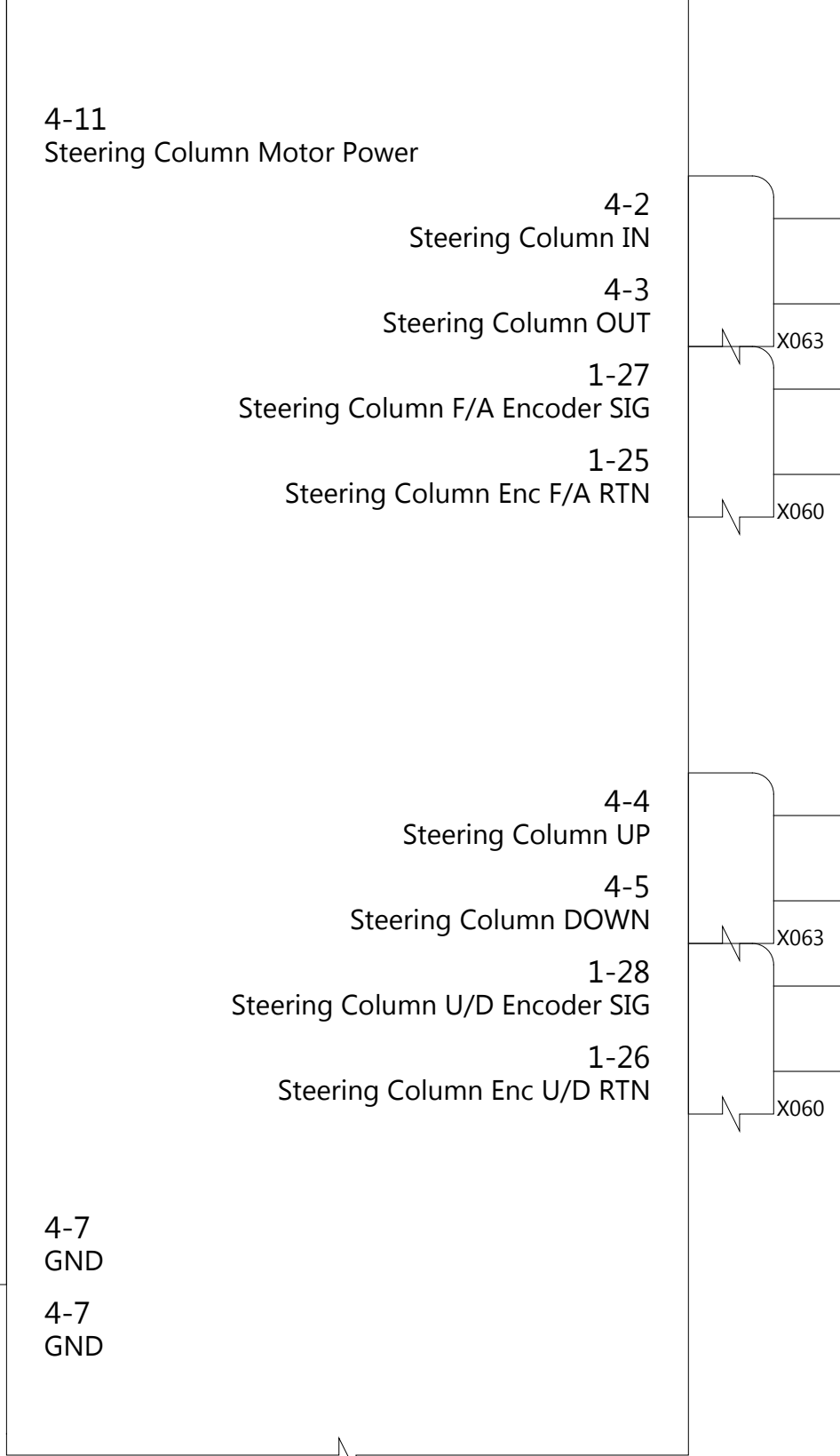
SCCM J

X180

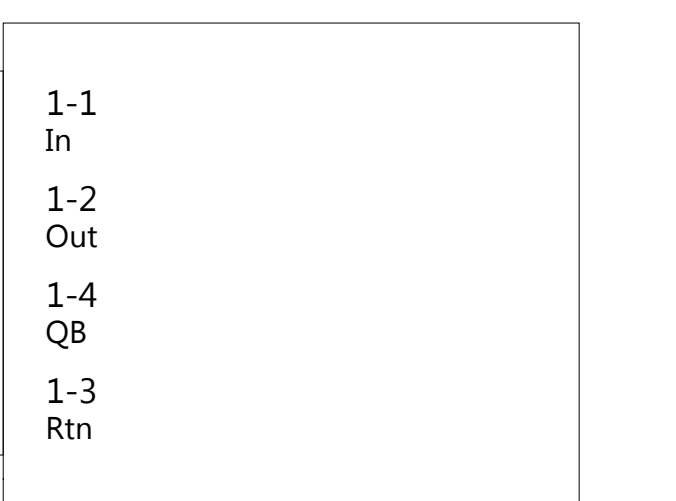


Central Body Control Module (BCCEN) DV3

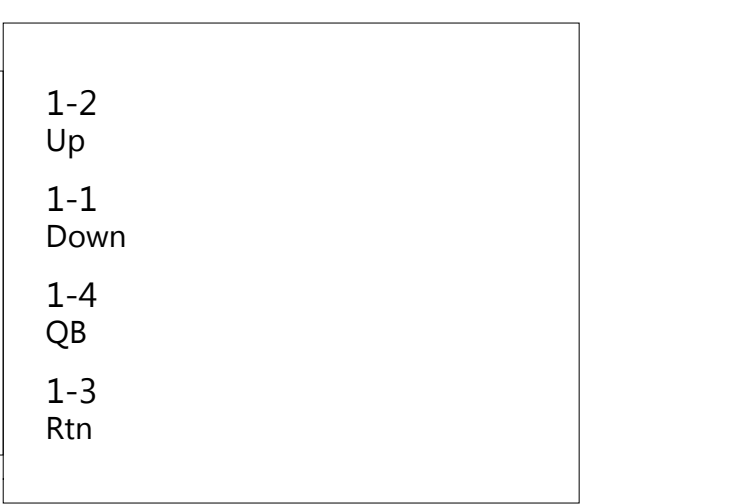
H,J,W X060 X061 X062 X063 X824 X858 X857 X856



Steering Column Adjust In/Out J

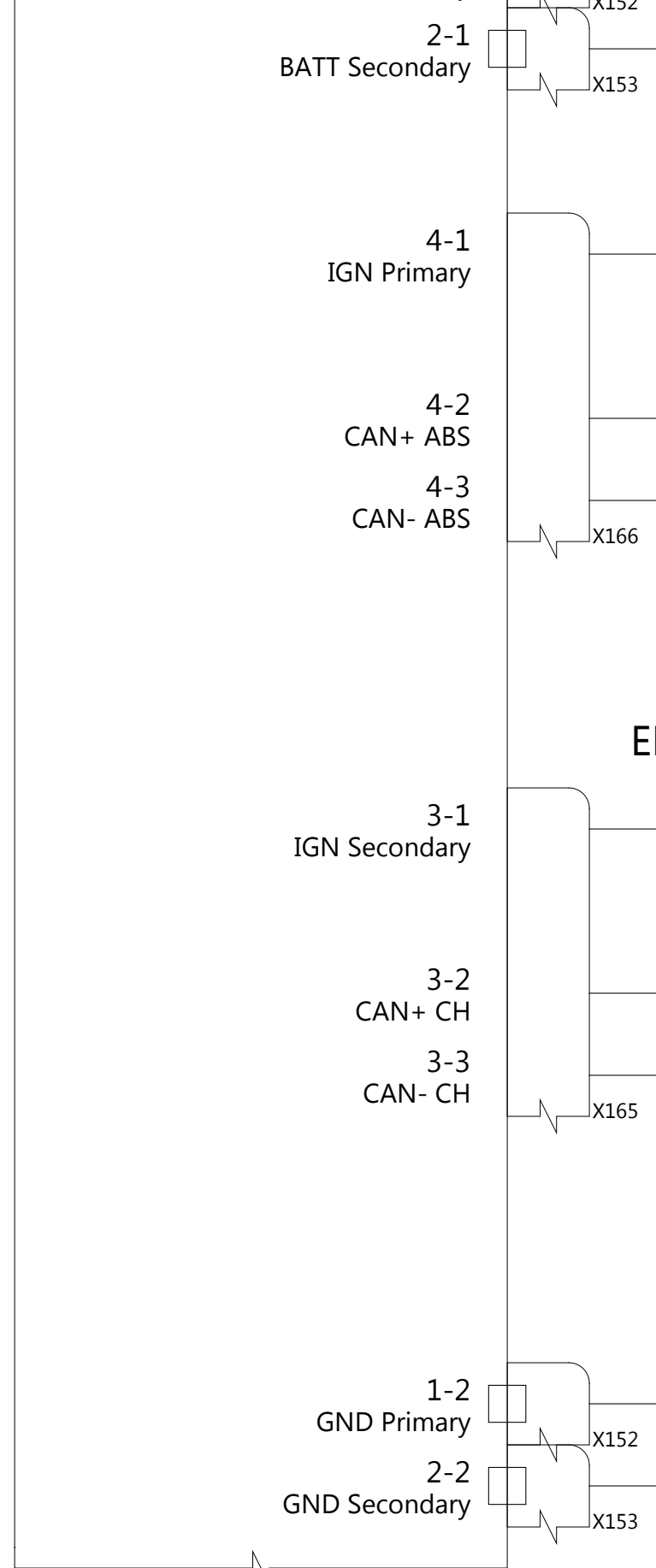


Steering Column Adjust Up/Down J



Power Steering ECU (EPAS) W

X152 X153 X165 X166



EPAS Logic Connectors X165 and X166 common to DRLH and DRRH

Ground EPAS

1

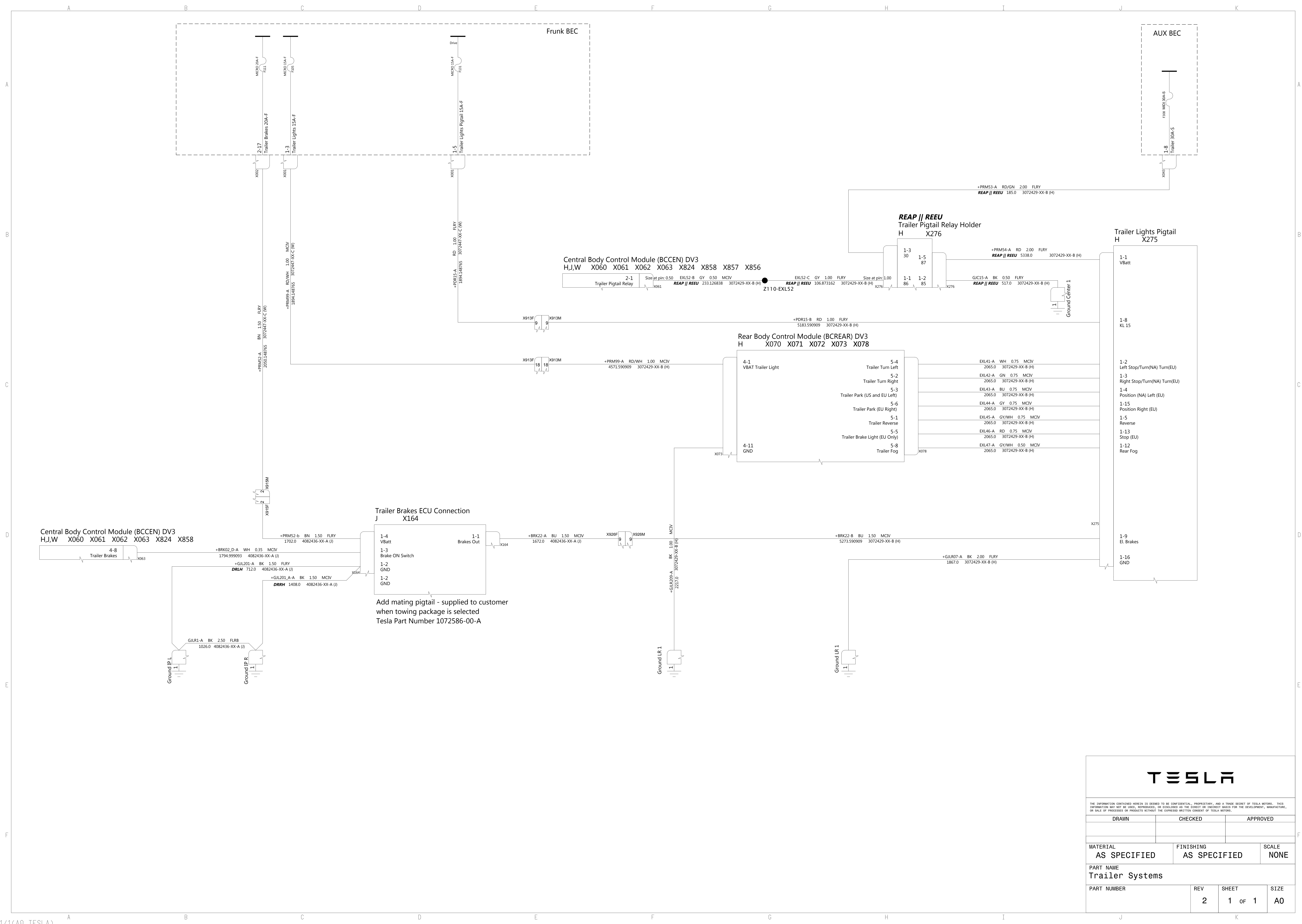
Ground EPAS 2

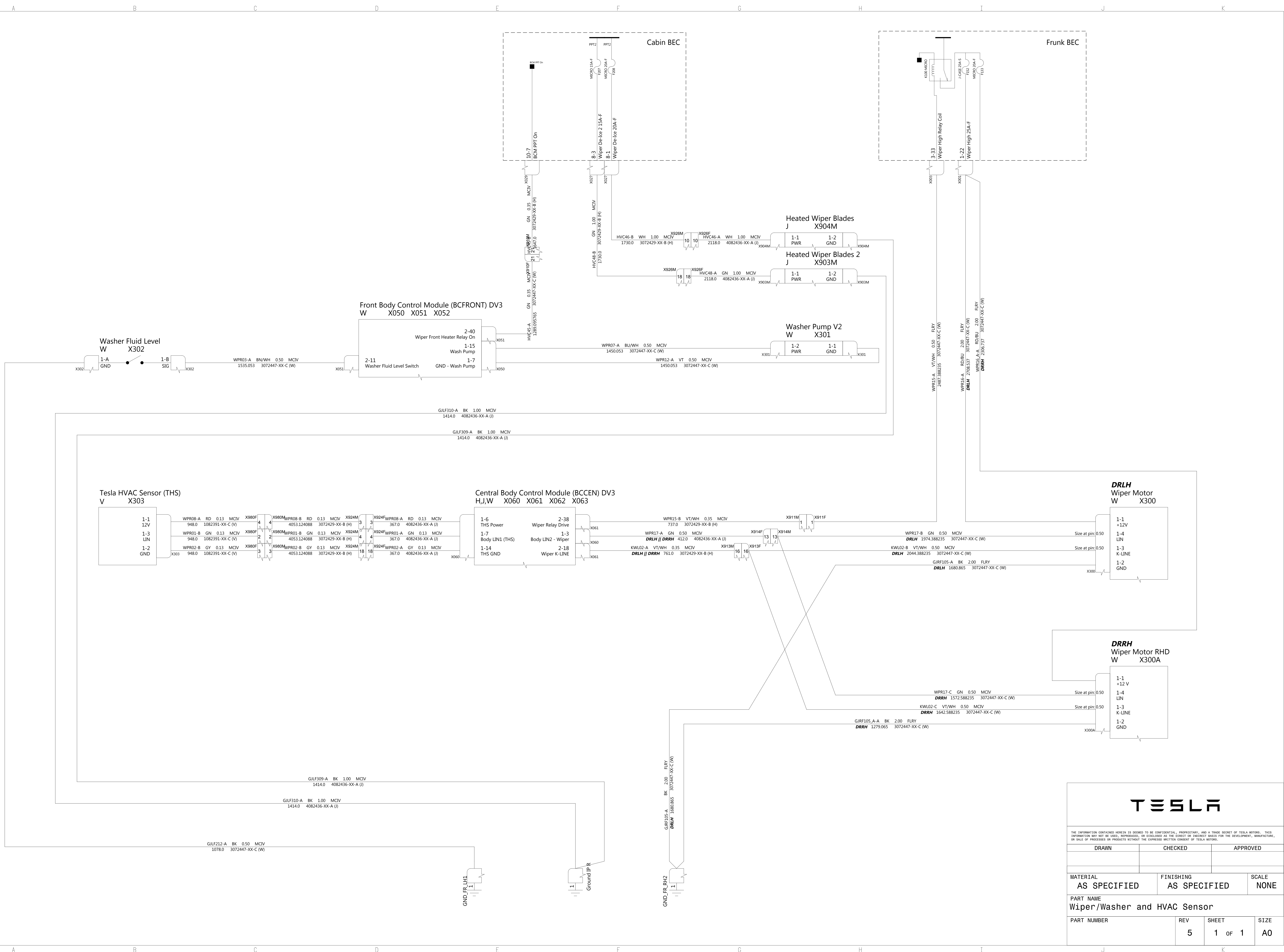
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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME Steering		
PART NUMBER	REV 4	SHEET 1 OF 1
		SIZE A0

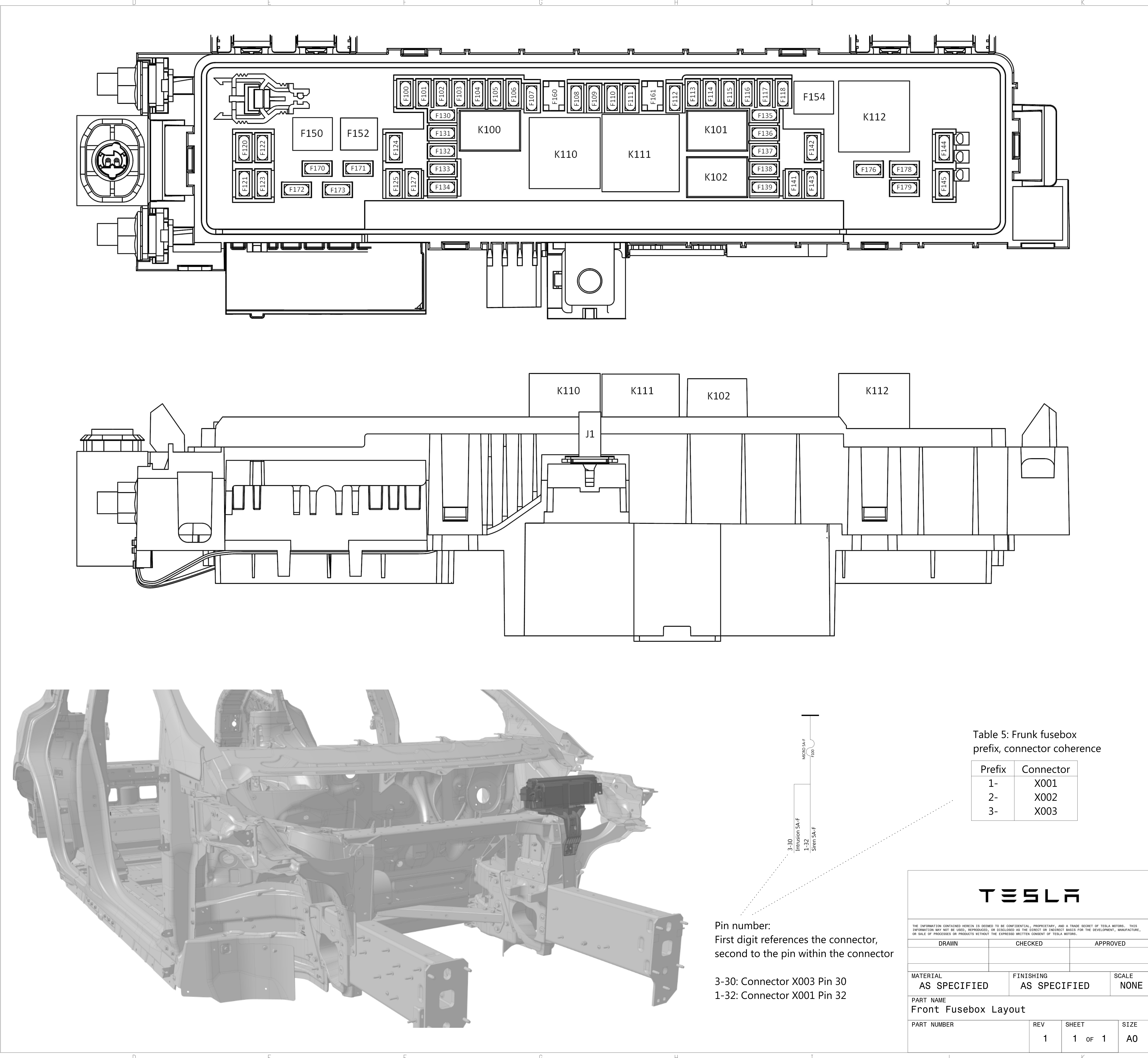




Des.	Value	Type	Functional Description
F100	5A	MICRO2	Siren, Intrusion Module
F101	-	-	not used
F102	-	-	not used
F103	25A	MICRO2	ABS Valves
F104	-	-	not used
F105	15A	MICRO2	Trailer Lights
F106	-	-	not used
F107	5A	MICRO2	Drive Inverter, Rear
F108	5A	MICRO2	Drive Rail Sense
F109	10A	MICRO2	Park Assist
F110	5A	MICRO2	Restraints Control Module
F111	20A	MICRO2	Trailer Brakes Controller (Controller supplied by customer)
F112	5A	MICRO2	Cabin Comfort Systems, Front
F113	10A	MICRO2	Cabin Air Heater
F114	10A	MICRO2	Thermal Controller, Inlets, Battery Heater
F115	10A	MICRO2	Central BCM Power (redundant)
F116	-	-	not used
F117	10A	MICRO2	Air Suspension
F118	-	-	not used
F120	-	-	not used
F121	-	-	not used
F122	15A	MICRO2	Coolant Pump 3 (PT 1)
F123	15A	MICRO2	Coolant Pump 2 (Batt 2)
F124	-	-	-
F125	10A	MICRO2	Contactor Power
F127	10A	MICRO2	Auto Pilot ECU Secondary
F130	5A	MICRO2	Forward Radar
F131	15A	MICRO2	Drive Rail Sense - Trailer Connector
F132	5A	MICRO2	Drive Inverter, Front
F133	30A	MICRO2	Power Liftgate
F134	20A	MICRO2	Headlamp, Right
F135	10A	MICRO2	Forward Camera Defog
F136	15A	MICRO2	Coolant Pump 4 (PT 2)
F137	15A	MICRO2	Coolant Pump 1 (Batt 1)
F138	30A	MICRO2	Rear Defrost Grid
F139	15A	MICRO2	Horns
F141	20A	MICRO2	Front Drive Unit Oil Pump
F142	15A	MICRO2	Security Controls
F143	20A	MICRO2	Central Body Controler
F144	20A	MICRO2	Headlamp, Left
F145	15A	MICRO2	Front Body Controller
F150	25A	J-Case-LP	Left Front Door Actuaror
F152	25A	J-Case-LP	Wiper Power
F154	-	-	not used
F160	30A	J-Case-LP	Cabin Fan Motor
F161	25A	J-Case-M	Right Front Door Actuator
F170	-	-	not used
F171	20A	MICRO2	Electronic Park Brake Redundant
F172	30A	MICRO2	Adaptive Air Suspension Controls/Valves
F173	-	-	not used
F176	25A		Rear Cabin Blower
F178	-	-	not used
F179	-	-	not used
K100	M280.		Windshield Wiper
K101	M280.		HVAC Rail (F114, F136, F137)
K102	M280.		Rear Defrost Grid
K110	HCISO		Drive Rai l (F107-110, F130-F132, F141)
K111	HCISO		HVAC Rail (F106, F112, F113, F135, F160)
K112	-		not used
K113	HCISO		HVAC Rail (F102, F122, F123)

Note:

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

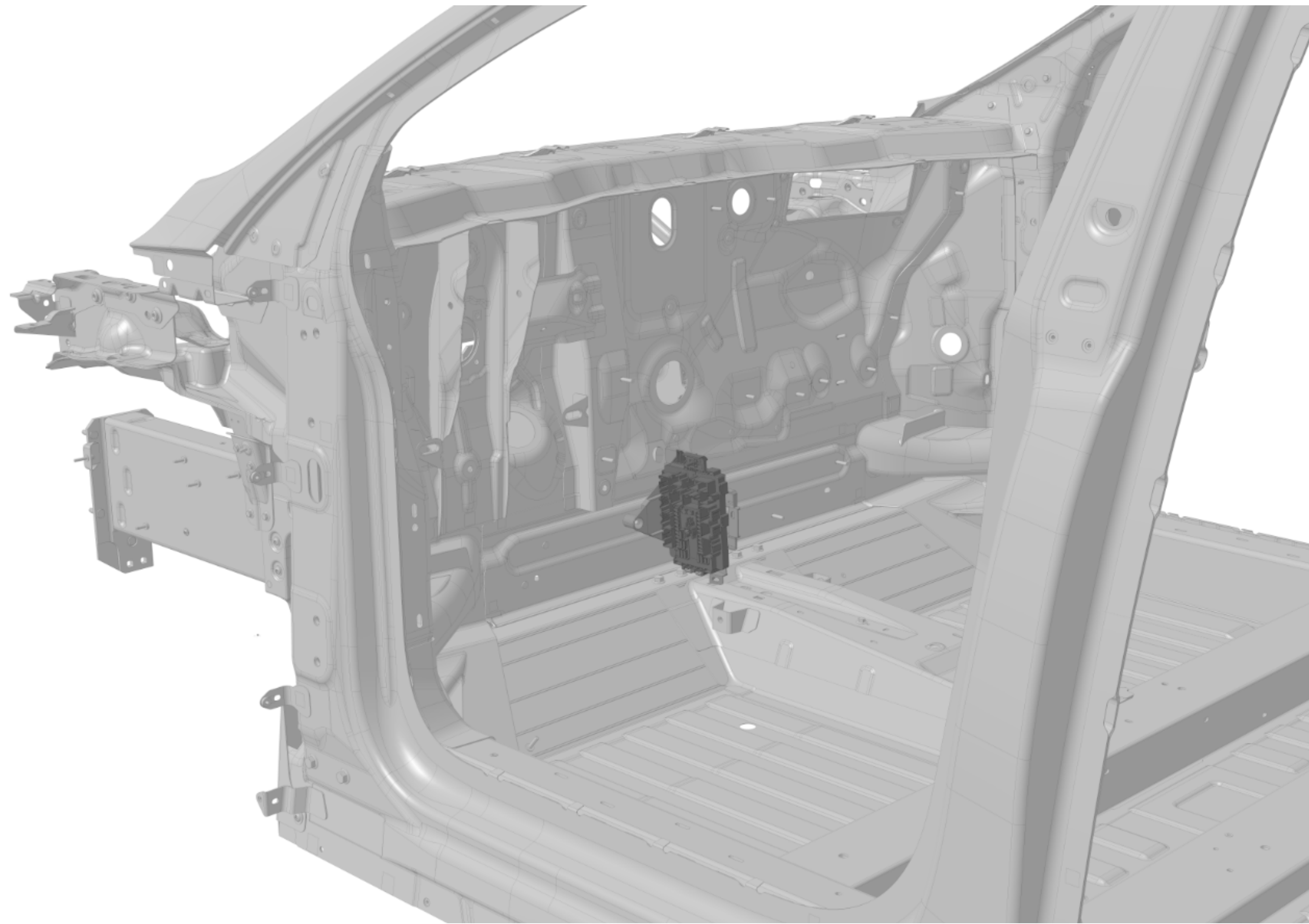
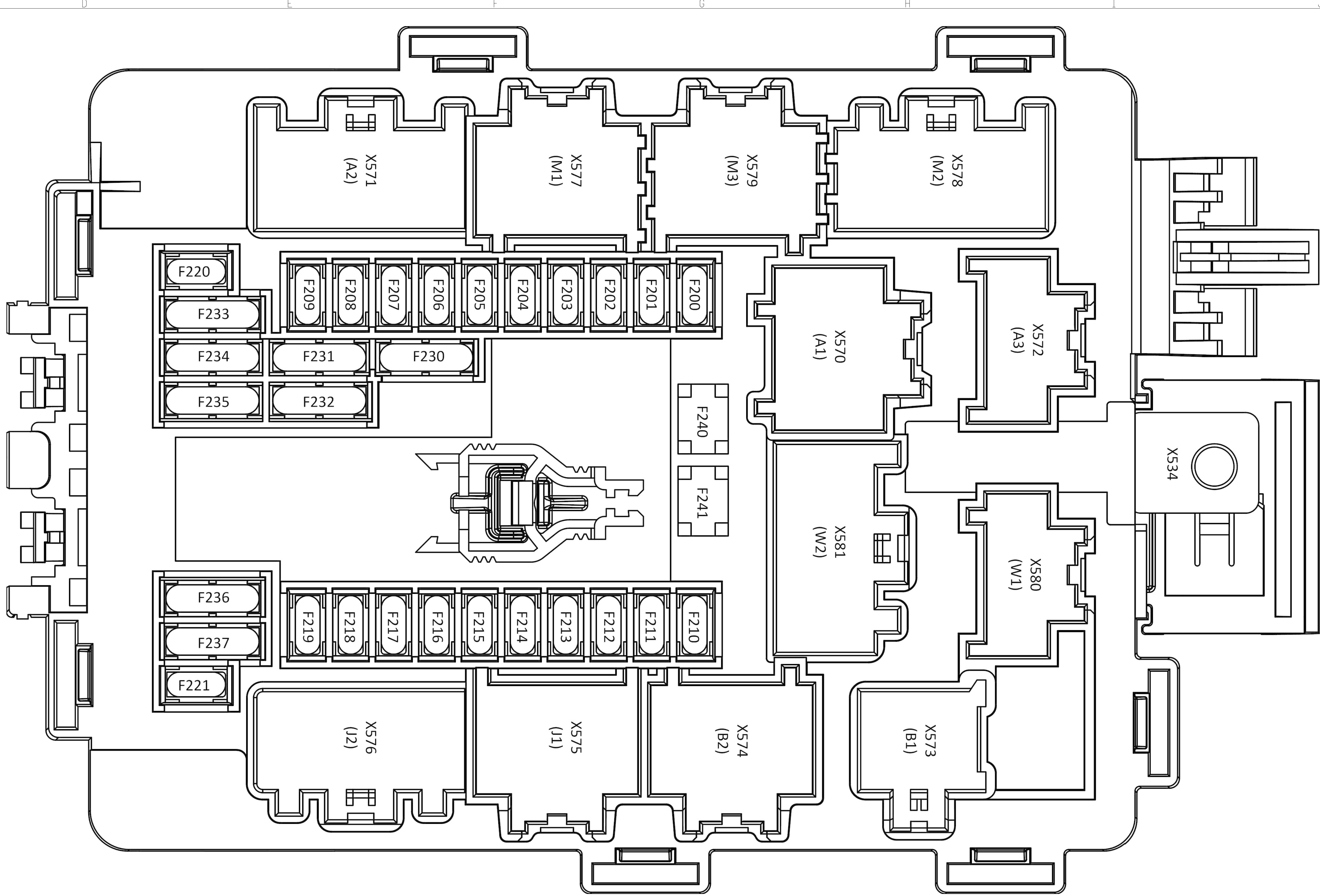


Des.	Value	Type	Functional Description
F200	5A	MICRO2	Memory Seat Module
F201	25A	MICRO2	Window Lift Motor, Left Rear
F202	-	-	not used
F203	20A	MICRO2	12V Center Console Power Socket
F204	25A	MICRO2	Window Lift Motor, Right Front
F205	25A	MICRO2	Window Lift Motor, Left Front
F206	25A	MICRO2	Steering Column Adjust
F207	15A	MICRO2	Wiper De-Ice 2
F208	20A	MICRO2	Wiper De-Ice 1
F209	-	-	not used
F210	30A	MICRO2	Rear Body Controls Module
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	Right Third Row USB 12V Outlet USB Hub
F231	15Ax2	MICRO3	Accessory Power Wire 12V Outlet Rear Trunk
F232	15Ax2	MICRO3	Seat Heater, First Row, Left Seat Heater, First Row, Right
F233	10Ax2	MICRO3	not used not used
F234	5Ax2	MICRO3	Door Handle, Left Rear Door Handle, Right Rear
F235	10Ax2	MICRO3	Gateway / Center Display Charging Systems, Drive Inverters
F236	5Ax2	MICRO3	Steering Angle / Column, iBoost IGN Radio, Rear View Mirror, TPMS, ACC Snese
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



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

1-6: Connector X020 Pin 6

Table 6: Cabin fusebox prefix, connector coherence

Prefix	Connector
1-	X020
2-	X021
3-	X022
4-	X023
5-	X024
6-	X025
7-	X026
8-	X027
9-	X028
10-	X029
11-	X030
12-	X031
13-	X032

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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.	Value	Type	Functional Description
F301	50A	JCASE	Left Rear Door Actuators
F302	50A	JCASE	Right Rear Door Actuators
F303	50A	JCASE	Right Rear Door Actuators
F304	50A	JCASE	Left Rear Door Actuators
F305	30A	JCASE	Second Row Seat Power, Left
F306	30A	JCASE	Second Row Seat Power, Center
F307	30A	JCASE	Second Row Seat Power, Right
F308	30A	JCASE	Trailer Brakes Power

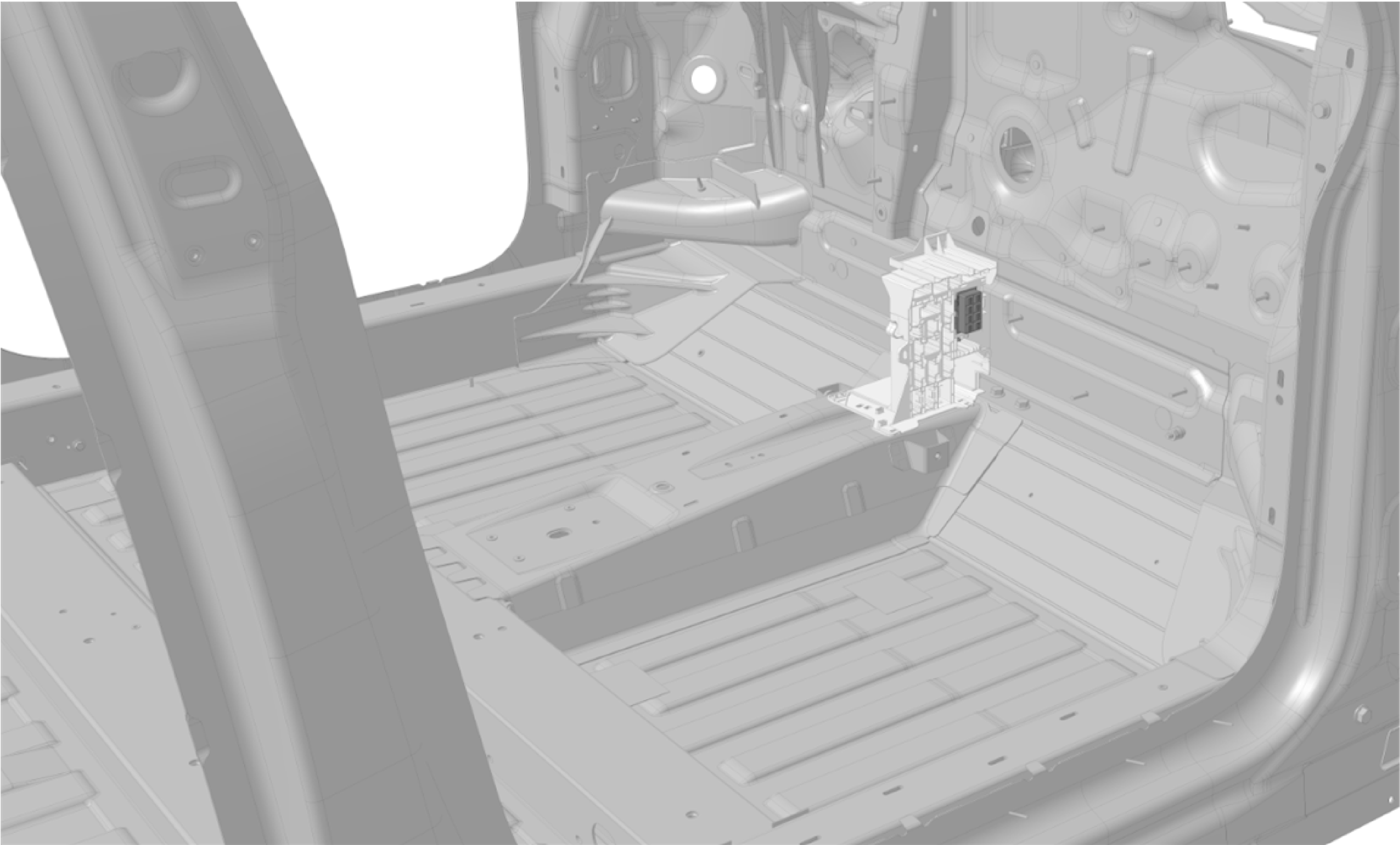
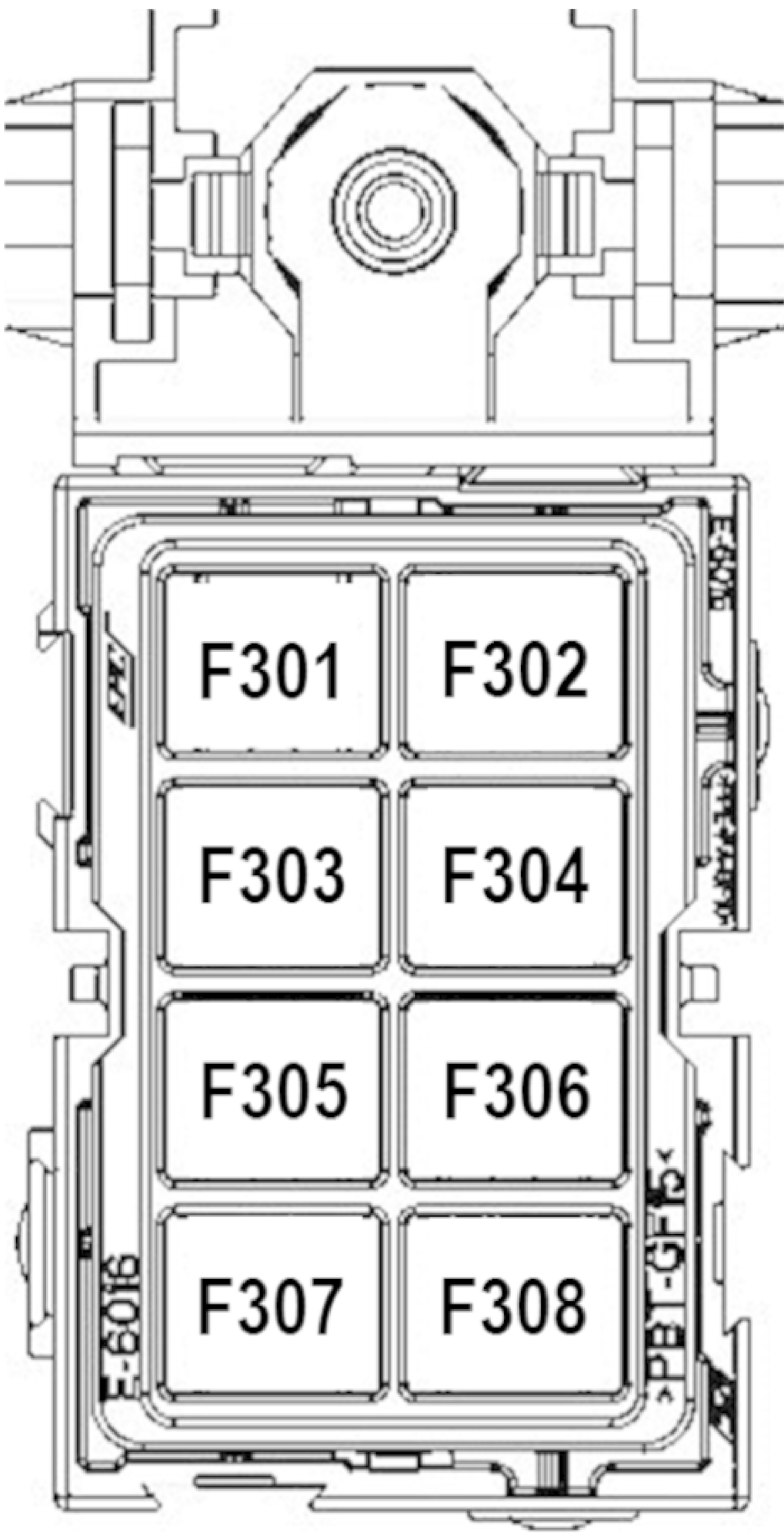


Table 6: Cabin fusebox prefix, connector coherence

Prefix	Connector
1-	X043

1-6
Memory Seat SA-F

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

1-6: Connector X043 Pin 6

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DRAWN	CHECKED	APPROVED

MATERIAL	FINISHING	SCALE
AS SPECIFIED	AS SPECIFIED	NONE

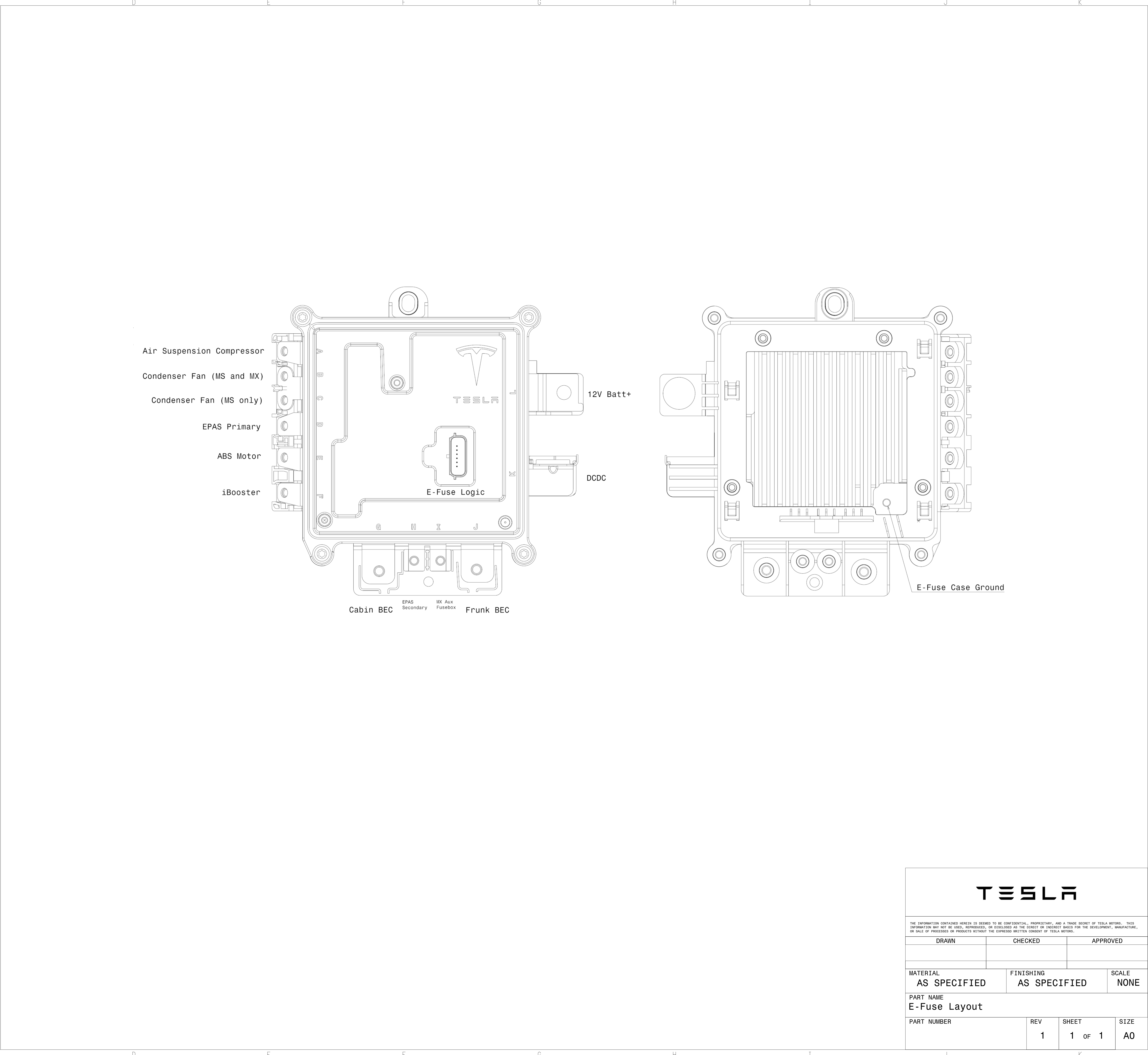
PART NAME
Aux Fusebox Layout

PART NUMBER	REV	SHEET	SIZE
	1	1 OF 1	A0

Des.	Label	Bolt	Functional Description
GND_EFUSE	-	M5	Case Ground
X012	-	-	Logic Interface
X013	L	M6	Battery Positive
X033	E	M5	ABS Motor
X034	A	M5	Air Suspension Compressor
X035	I	M5	MX Aux Fusebox
X036	G	M6	Cabin BEC
X037	B	M5	Condenser Fan
X038	K	M6	DCDC Converter
X039	D	M5	Power Steering Primary
X039A	H	M5	Power Steering Redundant
X040	J	M6	Frunk BEC
X041	F	M5	iBooster

Note:

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



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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