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9	CAN - Chassis
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11	CAN - Powertrain
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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	RL Door Strut Harness
D	LF Door Harness	RT	RL Door Trim Harness
DT	LF Door Trim Harness	RU	RL Upper Door Harness
F	Front Fascia Harness	SL	RR Lower Door Harness
G	Rear Fascia Harness	SO	RR Door Strut Harness
H	Instrument Panel Harness	ST	RR Door Trim Harness
J	Main Body 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
XR15	Thin wall 150C rated, cross-linked polyolefin, high flexible cable

General Notes:

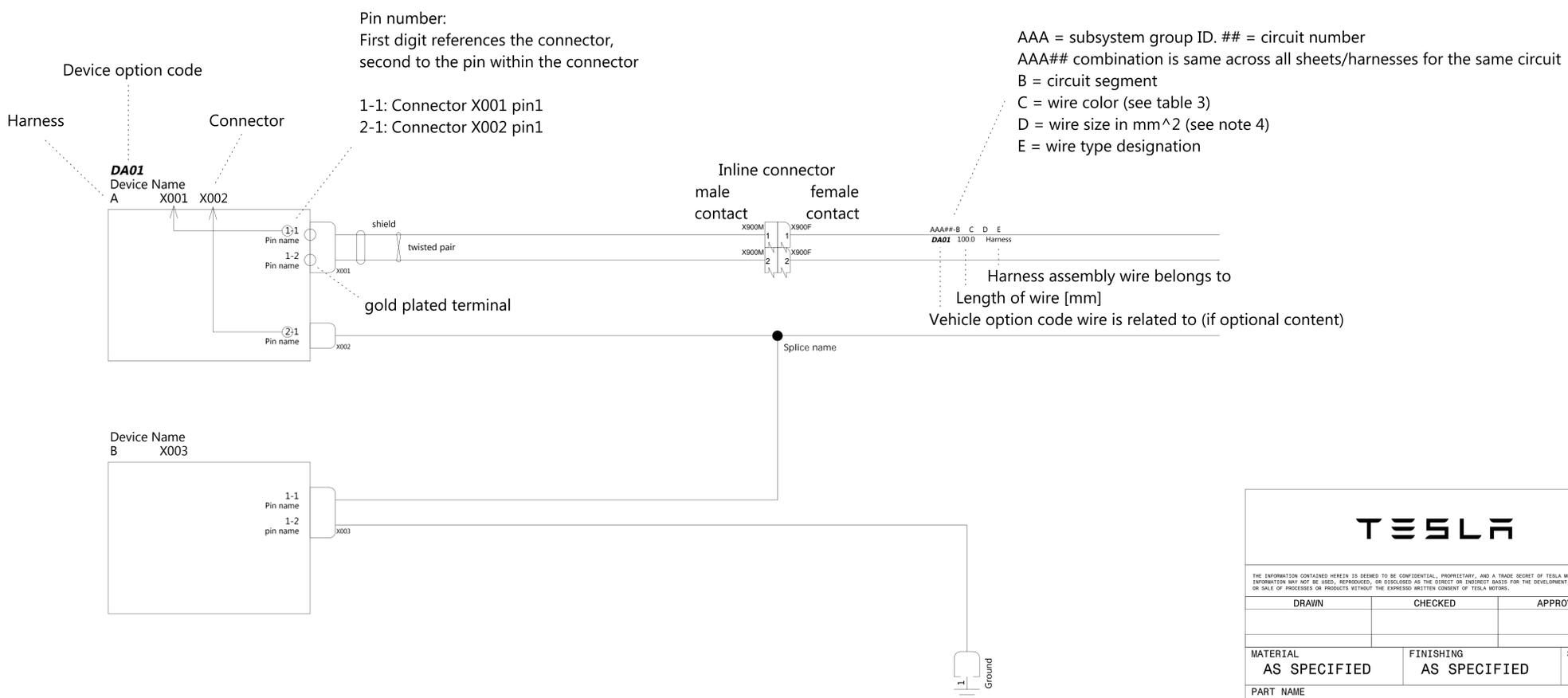
- Switches [Relays] are shown in their inactive [de-energized] state.
- Splices may be split across pages for visual clarity with respect to the function displayed on the particular page.
- Some connectors are split across multiple pages for clarity.
There is no overall reference in this document for the signals routed to a specific connector.
- Wire sizes are specified in mm² cross-sectional area (CSA) per SAE 1127/8
- Wire Specification: 60V, thin-wall PVC (ISO type or equivalent).
Default wire type to be rated 60VDC/25VAC and -40C to 105C operating temperature.
See DIN 13602 or ISO 6722 for detailed specifications.

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

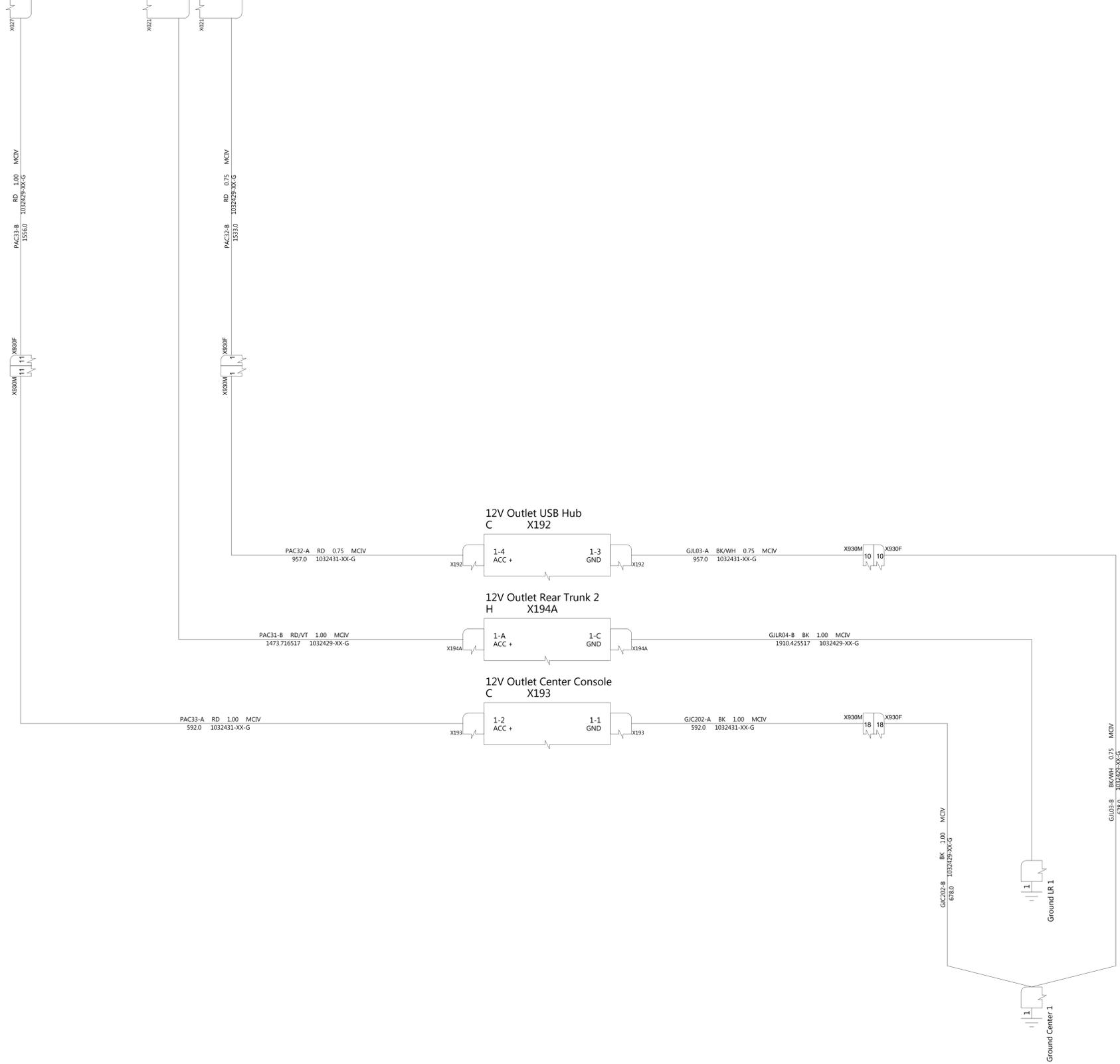
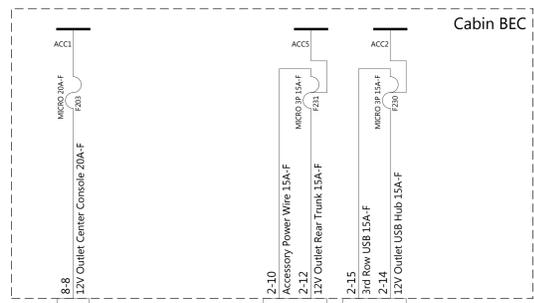
TERMINAL PLATING

- GOLD TERMINAL NECESSARY
- SILVER PLATING NECESSARY

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



DRAWN				CHECKED		APPROVED	
MATERIAL AS SPECIFIED		FINISHING AS SPECIFIED		SCALE NONE			
PART NAME Table of Contents - Model X HLVL							
PART NUMBER		REV 5	SHEET 1 OF 1	SIZE A0			



TESLA

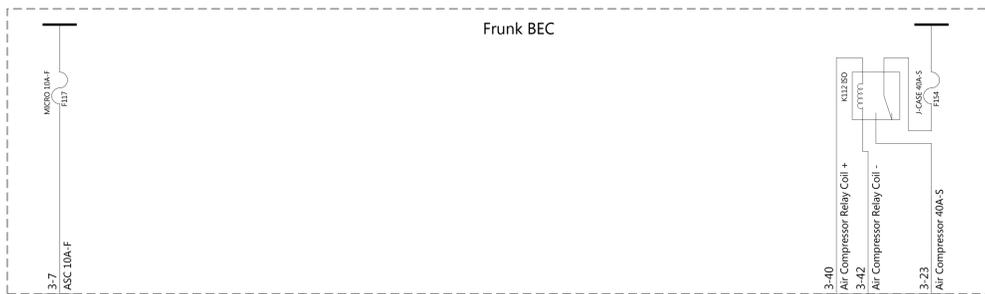
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DRAWN	CHECKED	APPROVED

MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
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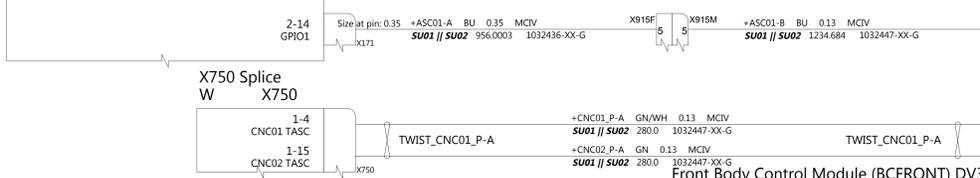
PART NAME
12V Outlets:2:12V Outlets-12V Outlets

PART NUMBER	REV	SHEET	SIZE
	1	1 OF 71	A0

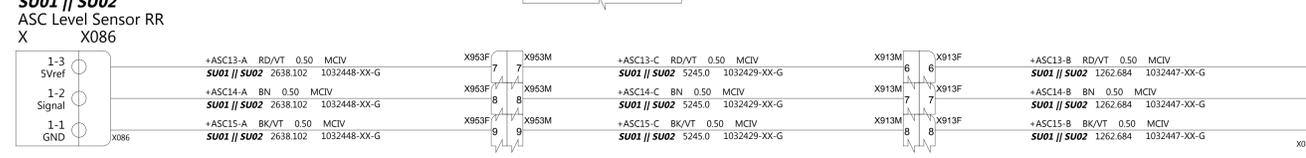
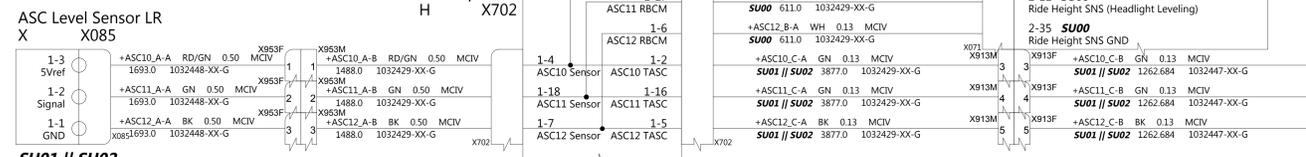
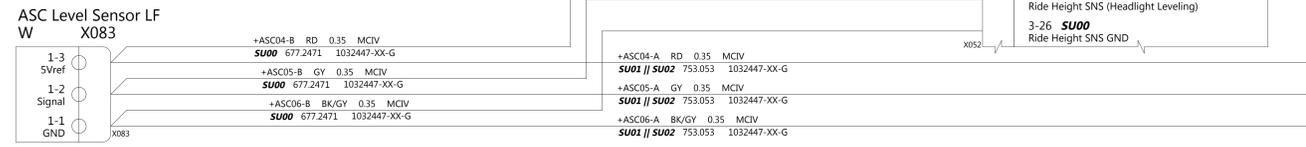


SU01 || SU02
Tesla Air Suspension Controller (TAS) DV3
W X080 X081

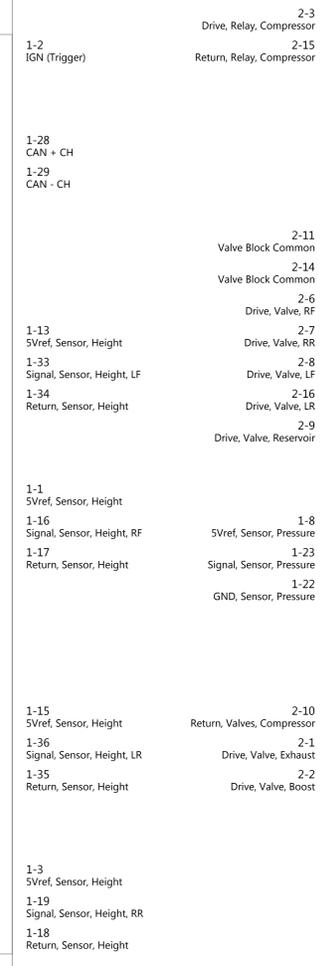
Center Display / Gateway E
J X170 X171 X173 X174 X175



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



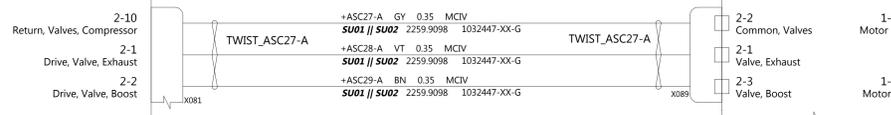
Rear Body Control Module (BCREAR) DV3
H X070 X071 X072 X073 X078



SU01 || SU02
Air Susp Valve Block W X087

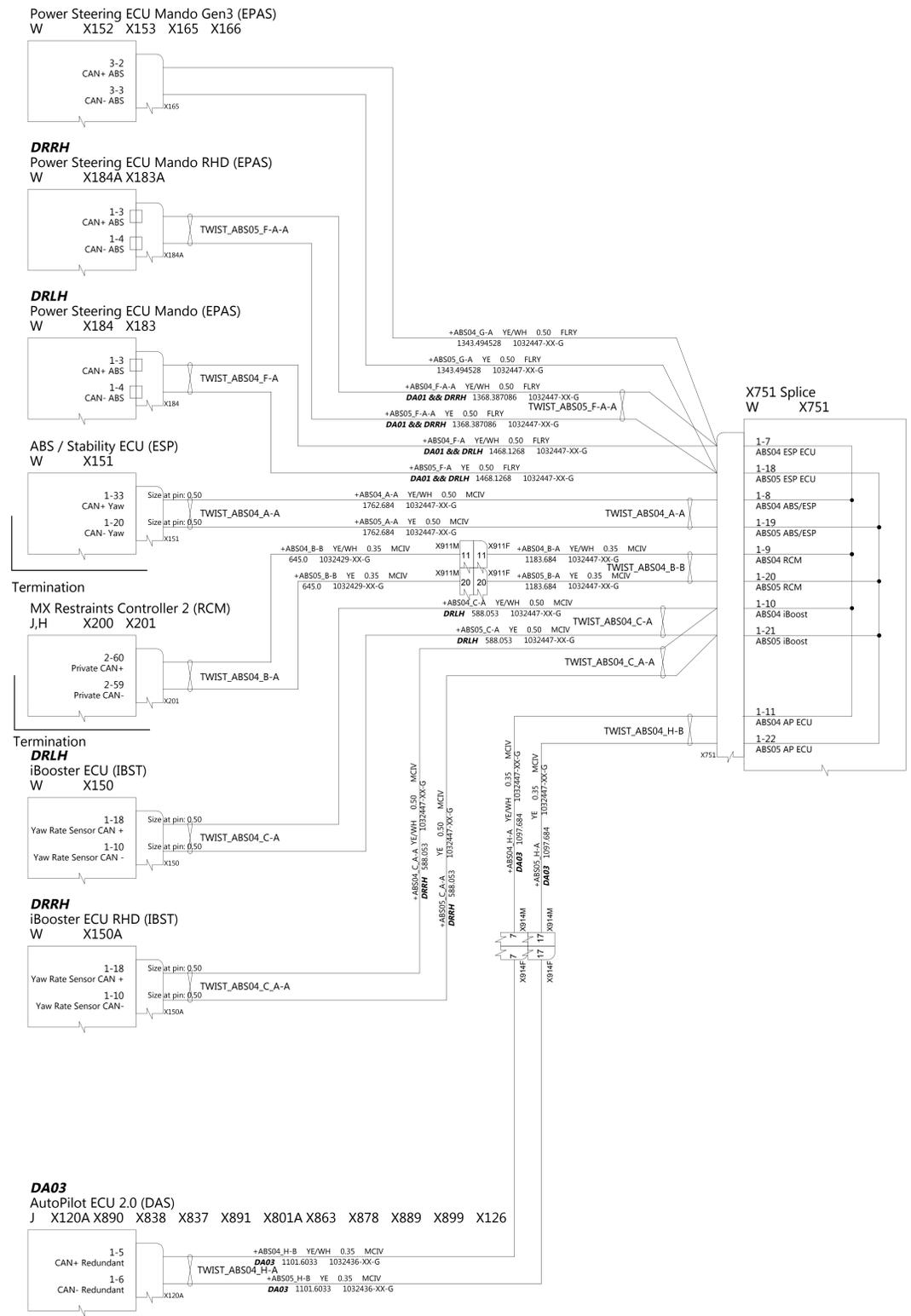


SU01 || SU02
Air Compressor W X088 X089



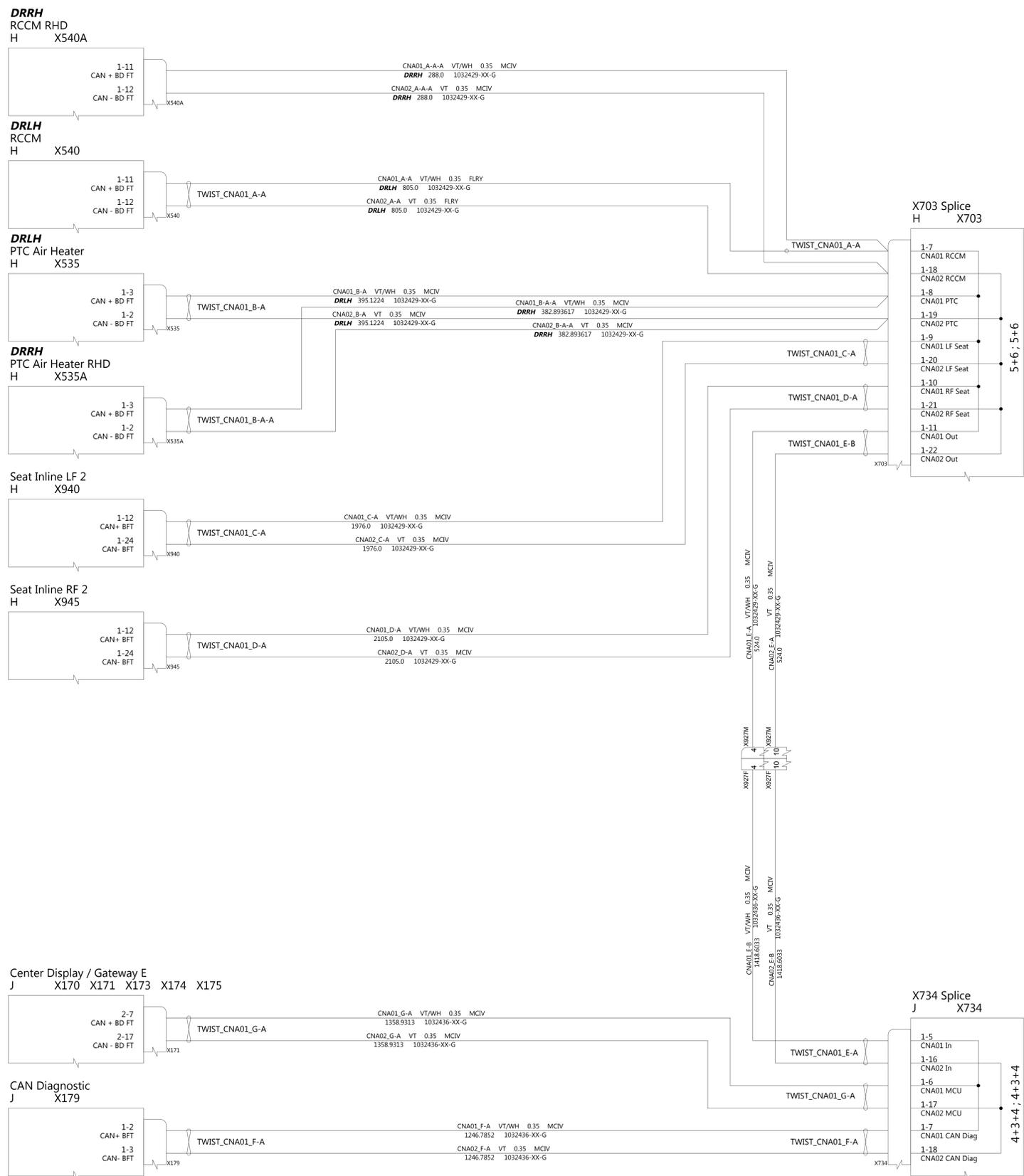
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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME Air Suspension - TASC DV3		
PART NUMBER	REV	SHEET
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		SIZE
		A0



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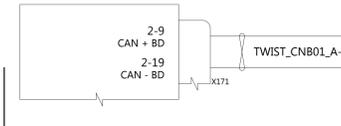
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PART NAME CAN ABS		
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	1	1 OF 1
		SIZE A0



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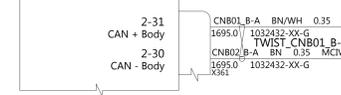
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	1	1 OF 1
		SIZE A0

Center Display / Gateway E
J X170 X171 X173 X174 X175

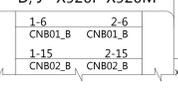


Termination

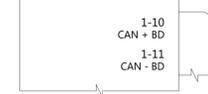
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D X360 X361 X362 X363



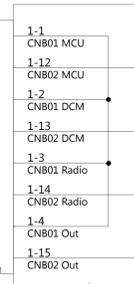
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D, J X920F X920M



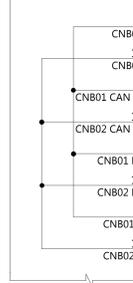
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X562



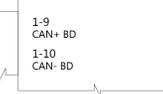
X728 Splice J
X728



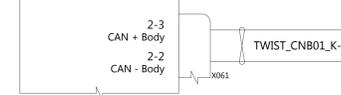
X734 Splice J
X734



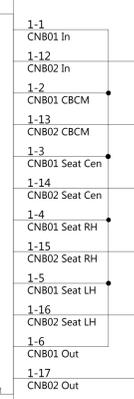
CAN Diagnostic J
X179



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



X708 Splice H
X708



Seat 2nd Row CEN H
X960



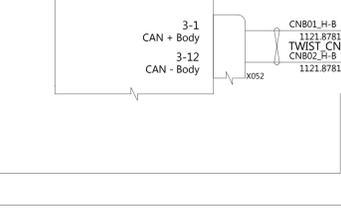
Seat 2nd Row RH H
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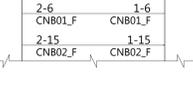
Seat 2nd Row LH H
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Front Body Control Module (BCFRONT) DV3
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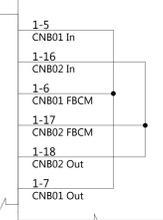
X922 Inline
P, J X922F X922M



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P X390 X391 X392 X393



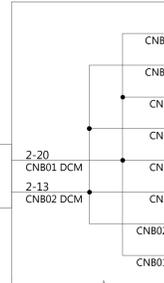
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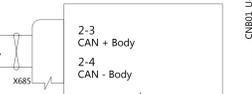
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H, RU X976MX976F



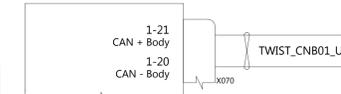
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Falcon Controller Rear H
X682 X685 X674 X675 X676 X677

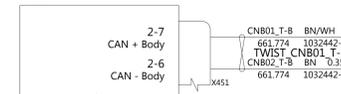


Rear Body Control Module (BCREAR) DV3
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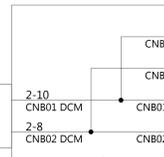


Termination

Door Control Module RR (BCRPM) DV3
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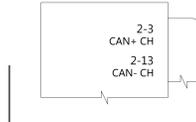


X977 Inline Splice
H, SU X977MX977F



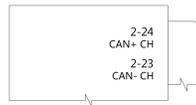
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PART NUMBER				REV		SIZE A0	

EPB ECU (EPB)
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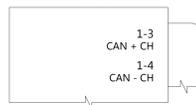


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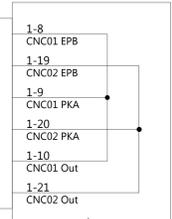
Park Aid ECU Valeo (PARK)
H X130 X131



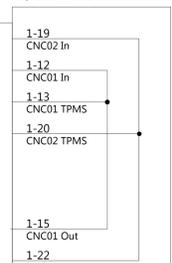
TPMS ECU C (TPMS)
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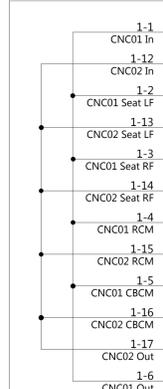
X706 Splice
H X706



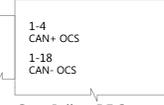
X977 Inline Splice
H, SU X977MX977F



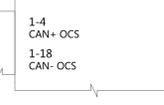
X703 Splice
H X703



Seat Inline LF 2
H X940



Seat Inline RF 2
H X945



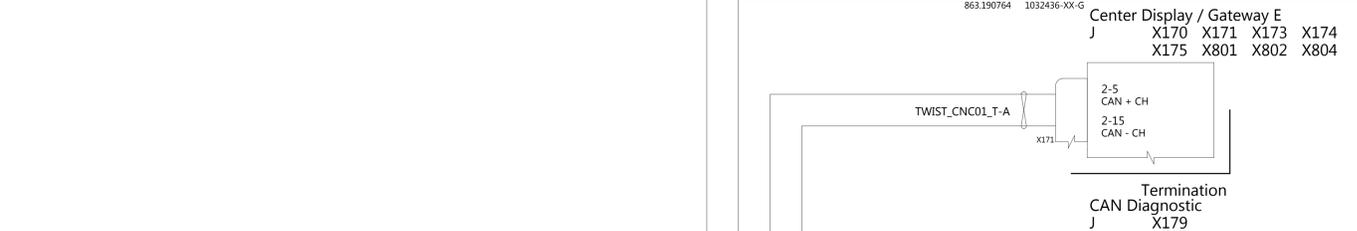
MX Restraints Controller 2 (RCM)
J,H X200 X201



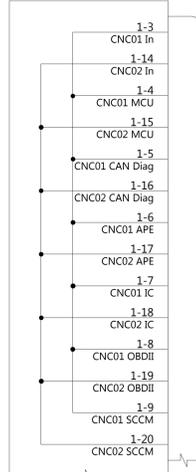
Central Body Control Module (BCCEN) DV3
H,J,W X060 X061 X062 X063 X824 X858



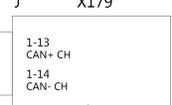
Center Display / Gateway E
J X170 X171 X173 X174 X175 X801 X802 X804



X730 Splice
J X730



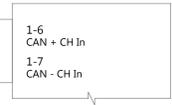
Termination
CAN Diagnostic
J X179



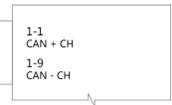
DA03
AutoPilot ECU 2.0 (DAS)
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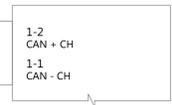
Instrument Cluster (IC)
J X177 X861



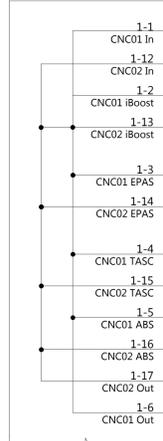
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J X178



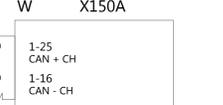
SCCM
J X180



X750 Splice
W X750



DRRH
iBooster ECU RHD (IBST)
W X150A



DRLH
iBooster ECU (IBST)
W X150



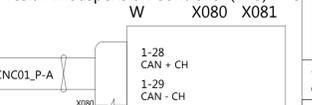
DRLH
Power Steering ECU Mando (EPAS)
W X184 X183



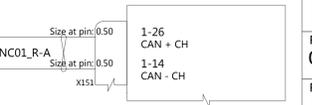
DRRH
Power Steering ECU Mando RHD (EPAS)
W X184A X183A



SU01 || SU02
Tesla Air Suspension Controller (TAS) DV3
W X080 X081



ABS / Stability ECU (ESP)
W X151

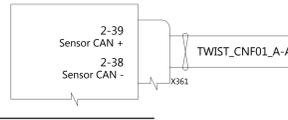


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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME CAN Chassis		
PART NUMBER	REV	SHEET
	1	1 OF 1
		SIZE
		A0

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

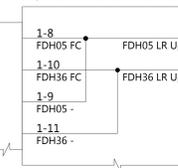


Termination

X920 Inline
D, J X920F X920M

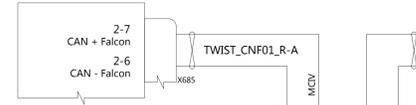


X976 Inline Splice
H, RU X976MX976F



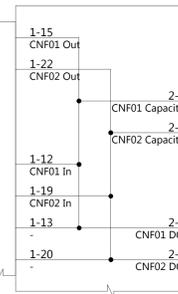
2+2+3+2+2 ; 4+3+4

Falcon Controller Rear (BCFALCP)
H X682 X685 X674 X675 X676 X677 X683



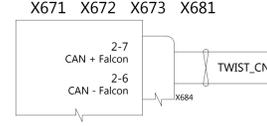
2+2+3+2+2 ; 4+3+4

X974 Inline Splice
SU,SL X974MX974F



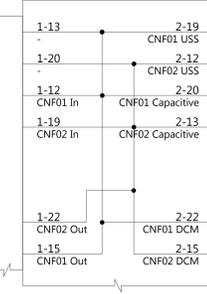
2+2+3+2+2 ; 4+3+4

Falcon Controller Front (BCFALCD)
H X680 X684 X670 X671 X672 X673 X681



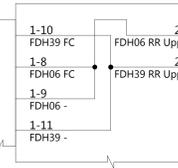
2+2+3+2+2 ; 4+3+4

X972 Inline Splice
RU,RL X972MX972F



2+2+3+2+2 ; 4+3+4

X977 Inline Splice
H, SU X977MX977F



2+2+3+2+2 ; 4+3+4

Ultrasonic Sensor ECU LR Door Valeo (SNSUS)
RL X446 X447



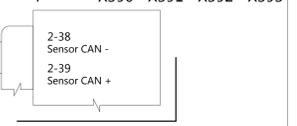
Capacitive Sensor Lower - LR
RL X652



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



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

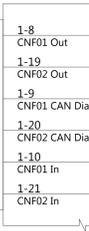


Termination

X922 Inline
P, J X922F X922M

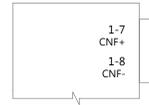


X701 Splice
H X701



4+3+4 ; 4+3+4

CAN Diagnostic
J X179



Capacitive Sensor Lower - RR
SL X662



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



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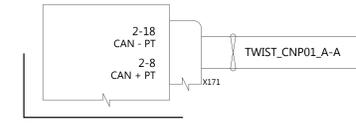
DRAWN	CHECKED	APPROVED
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MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
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PART NAME
CAN Falcon:2:Falcon Sensing-CAN Falcon

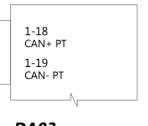
PART NUMBER	REV	SHEET	SIZE
	2	9 OF 71	A0

Center Display / Gateway E
J X170 X171 X173 X174 X175

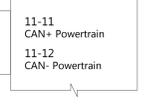


Termination

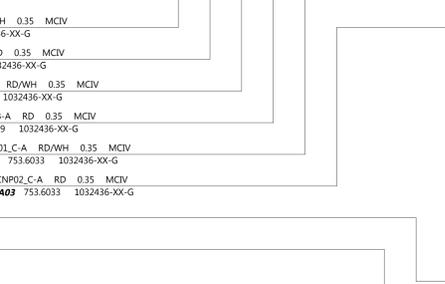
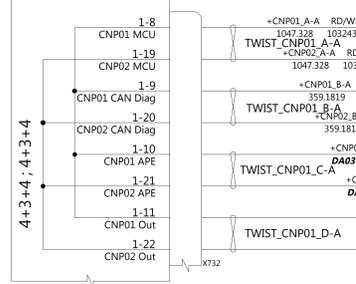
CAN Diagnostic
J X179



DA03
AutoPilot ECU 2.0 (DAS)
J X120A X890 X838 X837 X891 X801A
X863 X878 X889 X899 X126

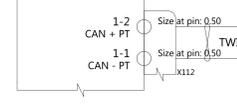


X732 Splice
J X732



+CNP01_D-A WH 0.13 MCIV
468.0 1032436-XX-G
+CNP02_D-A RD 0.13 MCIV
468.0 1032436-XX-G

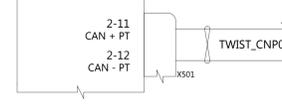
DV4W
Drive Inverter (DI) Front AWD
W X112



DCDC
W X101 X017 X018



Tesla Thermal Controller (THC)
W X500 X501 X502 X503



+CNP01_D-B WH 0.13 MCIV
1127.684 1032447-XX-G
+CNP02_D-B RD 0.13 MCIV
1127.684 1032447-XX-G

+CNP01_E-A RD/WH 0.50 MCIV
DV4W 939.038 1032447-XX-G
+CNP02_E-A RD 0.50 MCIV
DV4W 939.038 1032447-XX-G

+CNP01_F-A RD/WH 0.50 MCIV
1138.6844 1032447-XX-G
+CNP02_F-A RD 0.50 MCIV
1138.6844 1032447-XX-G

+CNP01_G-A WH 0.35 MCIV
616.0927 1032447-XX-G
+CNP02_G-A RD 0.35 MCIV
616.0927 1032447-XX-G

+CNP01_H-B WH 0.13 MCIV
944.618208 1032448-XX-G
+CNP02_H-B RD 0.13 MCIV
892.5075 1032448-XX-G

+CNP01_H-C WH 0.50 MCIV
5450.616 1032429-XX-G
+CNP02_H-C RD 0.50 MCIV
5450.616 1032429-XX-G

+CNP01_H-A WH 0.13 MCIV
1213.684 1032447-XX-G
+CNP02_H-A RD 0.13 MCIV
1213.684 1032447-XX-G

+CNP01_H-F WH 0.13 MCIV
999.618208 1032448-XX-G
+CNP02_H-F RD 0.13 MCIV
947.5075 1032448-XX-G

+CNP01_H-G WH 0.50 MCIV
1661.8225 1032429-XX-G
+CNP02_H-G RD 0.50 MCIV
1661.8225 1032429-XX-G

+CNP01_H-E WH 0.50 MCIV
X025 1128.483792 1032448-XX-G
+CNP02_H-E RD 0.50 MCIV
X025 1180.5945 1032448-XX-G

+CNP01_H-D WH 0.75 FLRY
X024 1288.483792 1032448-XX-G
+CNP02_H-D RD 0.75 FLRY
X024 1340.5945 1032448-XX-G

+CNP01_L-A RD/WH 0.50 MCIV
1794.0 1032429-XX-G
+CNP02_L-A RD 0.50 MCIV
1794.0 1032429-XX-G

+CNP01_H-B WH 0.13 MCIV
944.618208 1032448-XX-G
+CNP02_H-B RD 0.13 MCIV
892.5075 1032448-XX-G

+CNP01_H-C WH 0.50 MCIV
5450.616 1032429-XX-G
+CNP02_H-C RD 0.50 MCIV
5450.616 1032429-XX-G

+CNP01_H-A WH 0.13 MCIV
1213.684 1032447-XX-G
+CNP02_H-A RD 0.13 MCIV
1213.684 1032447-XX-G

+CNP01_H-F WH 0.13 MCIV
999.618208 1032448-XX-G
+CNP02_H-F RD 0.13 MCIV
947.5075 1032448-XX-G

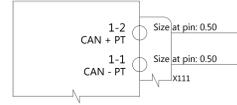
+CNP01_H-G WH 0.50 MCIV
1661.8225 1032429-XX-G
+CNP02_H-G RD 0.50 MCIV
1661.8225 1032429-XX-G

+CNP01_H-E WH 0.50 MCIV
X025 1128.483792 1032448-XX-G
+CNP02_H-E RD 0.50 MCIV
X025 1180.5945 1032448-XX-G

+CNP01_H-D WH 0.75 FLRY
X024 1288.483792 1032448-XX-G
+CNP02_H-D RD 0.75 FLRY
X024 1340.5945 1032448-XX-G

+CNP01_L-A RD/WH 0.50 MCIV
1794.0 1032429-XX-G
+CNP02_L-A RD 0.50 MCIV
1794.0 1032429-XX-G

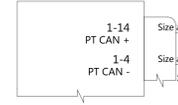
X025
Drive Inverter (DI) Rear AWD
X X111



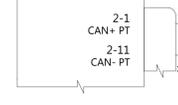
X024
Drive Inverter (DI) Rear RWD
X X110



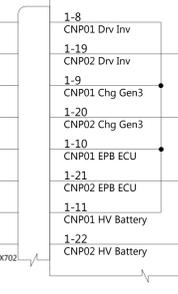
Charger Gen3 (CHG)
H X090



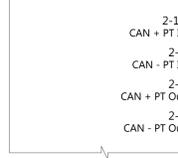
EPB ECU (EPB)
H X160 X161



X702 Splice
H X702



HV Battery
H X098 X099



Charge Port Logic (CP)
H X105

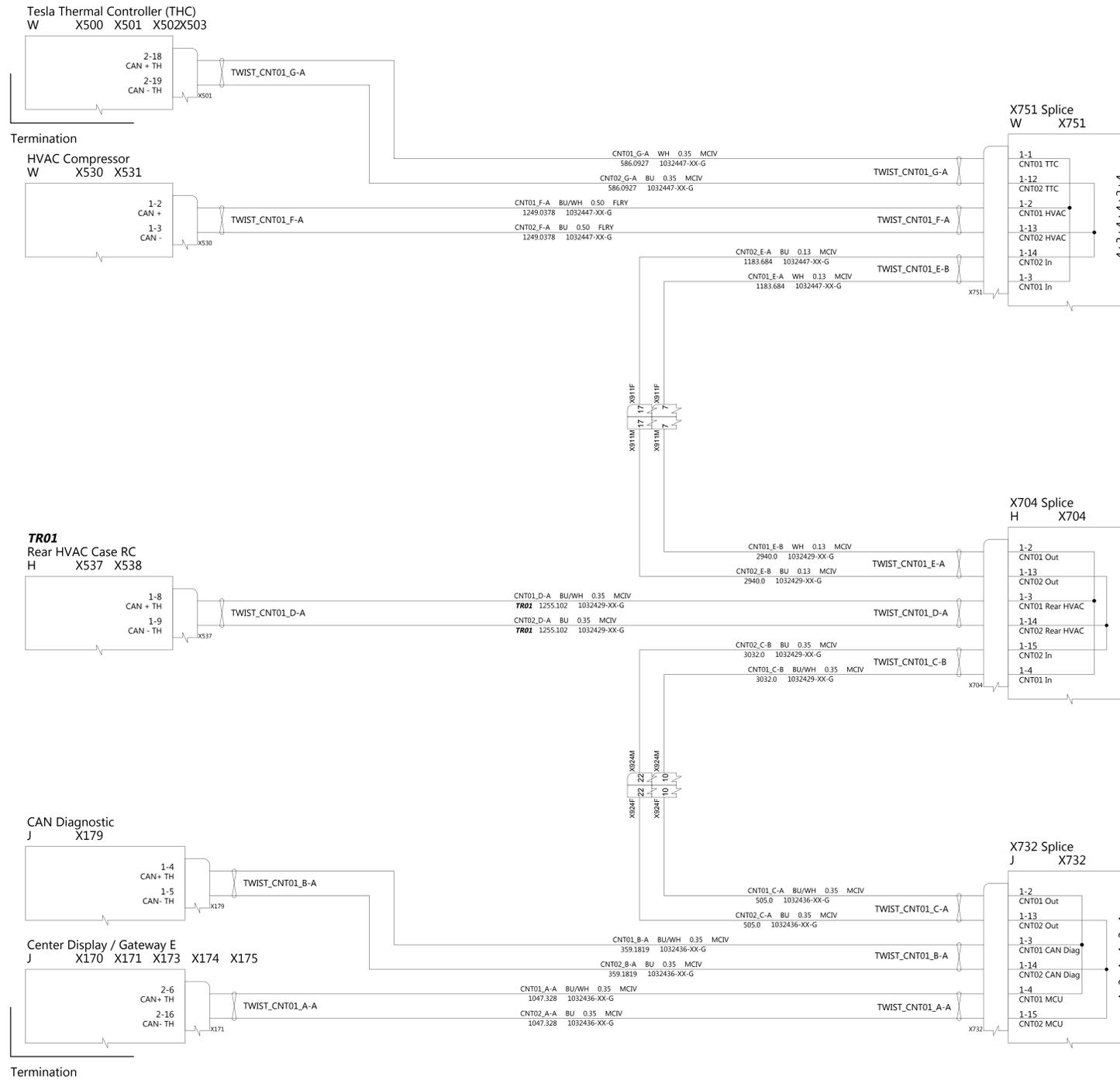


Termination

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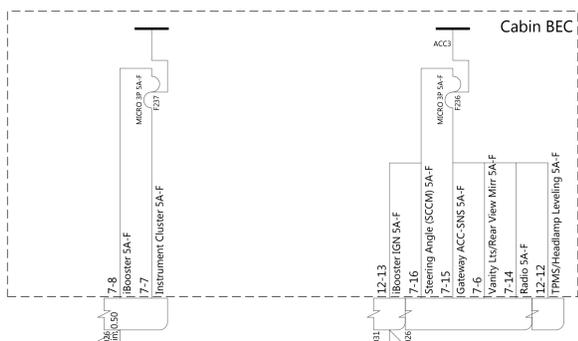
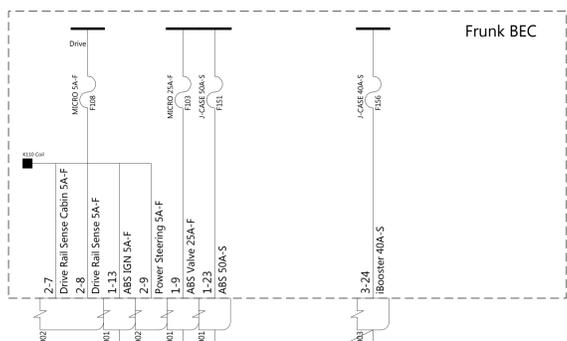
DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME CAN Powertrain		
PART NUMBER	REV	SHEET
	1	1 OF 1
		SIZE A0



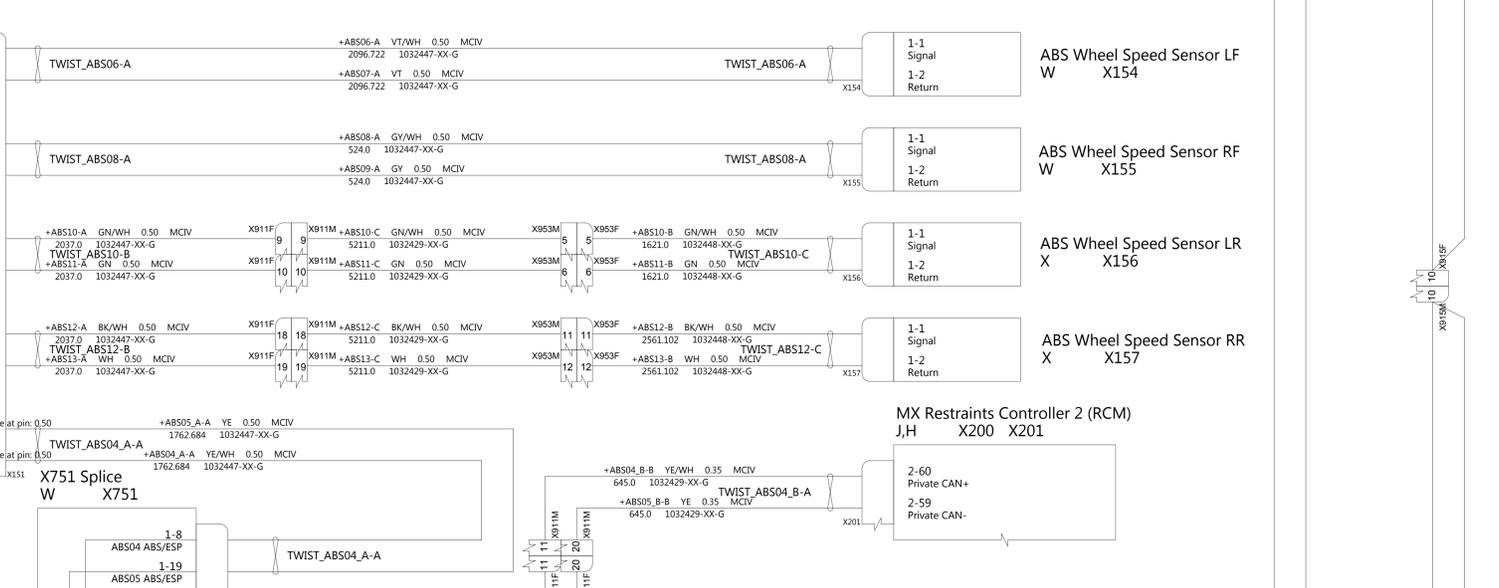
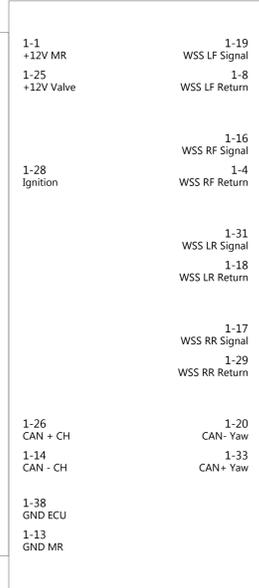
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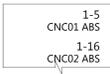
DRAWN	CHECKED	APPROVED	
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE	
PART NAME CAN Thermal			
PART NUMBER	REV	SHEET	SIZE
	1	1 OF 1	A0



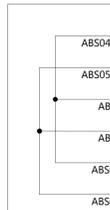
ABS / Stability ECU W X151



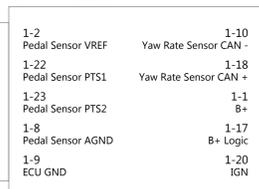
X750 Splice W X750



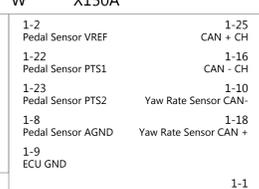
X751 Splice W X751



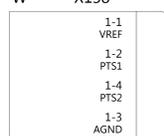
DRLH iBooster ECU (IBST) W X150



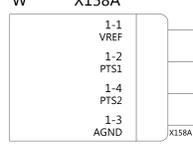
DRRH iBooster ECU RHD (IBST) W X150A



DRLH iBoost Pedal Sensor W X158



DRRH iBoost Pedal Sensor RHD X158A



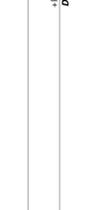
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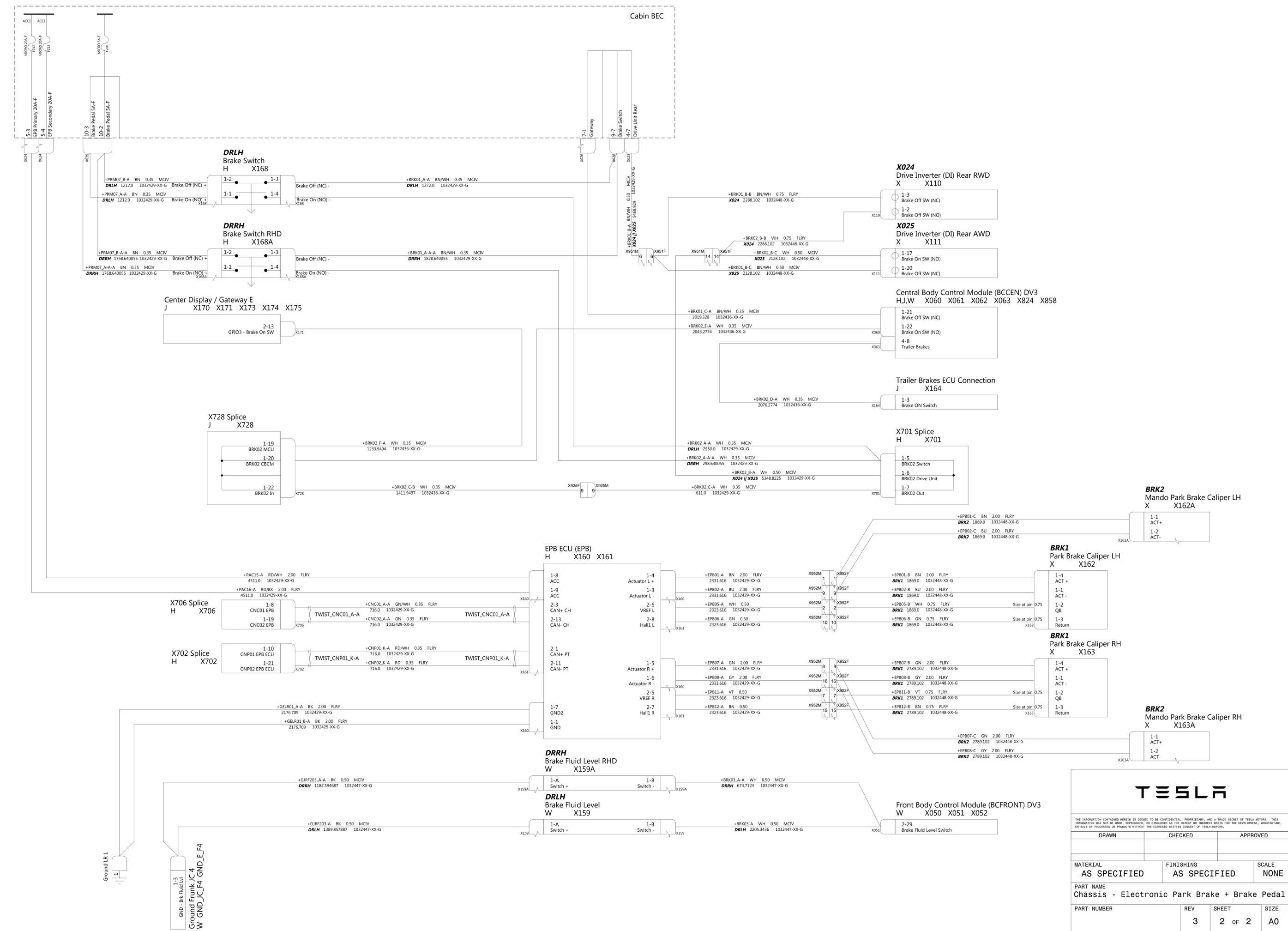
DRAWN	CHECKED	APPROVED
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MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
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PART NAME
Chassis - Braking and Stability:3:Chassis - Braking and Stability (DV2 MCU1.5)-Chassis - Braking and Stability

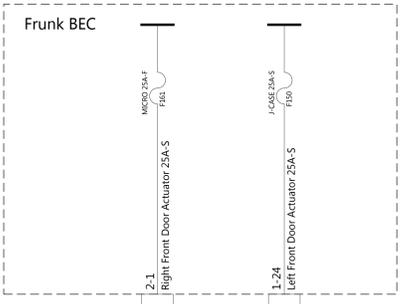
PART NUMBER	REV	SHEET	SIZE
	1	12 OF 71	A0



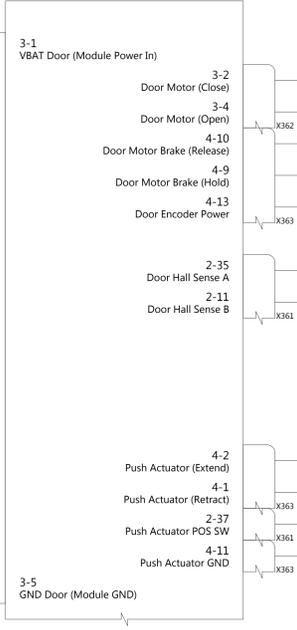


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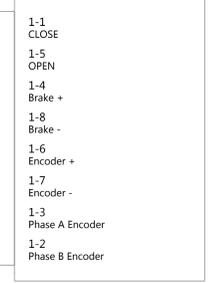
DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME Chassis - Electronic Park Brake + Brake Pedal		
PART NUMBER	REV	SHEET
	3	2 OF 2
		SIZE A0



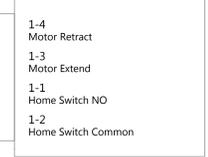
Door Control Module LF (BCFDM) DV3
D X360 X361 X362 X363



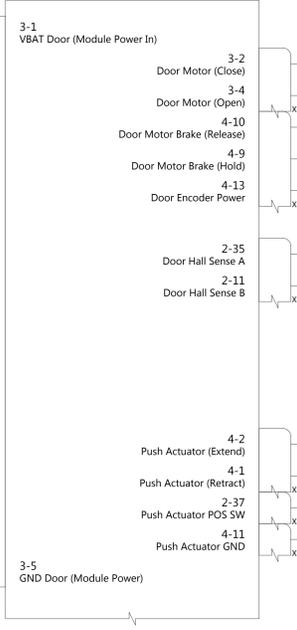
Power Door Drive Unit LF D X385



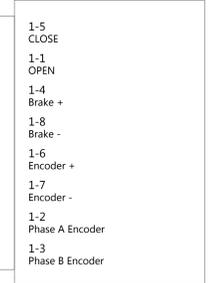
Power Door Push-Open LF D X386



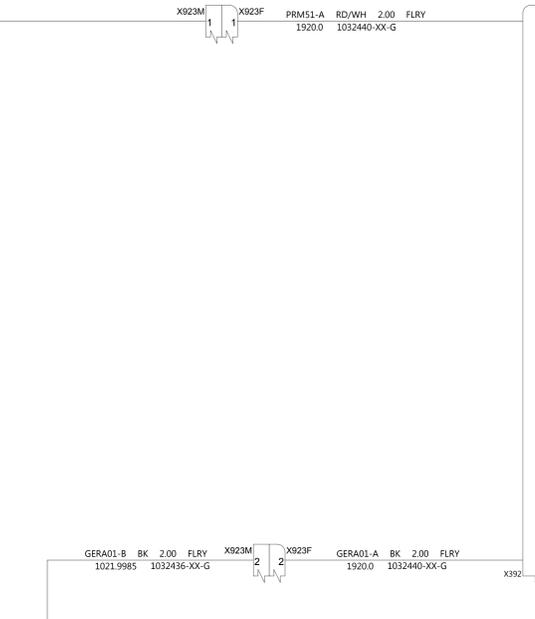
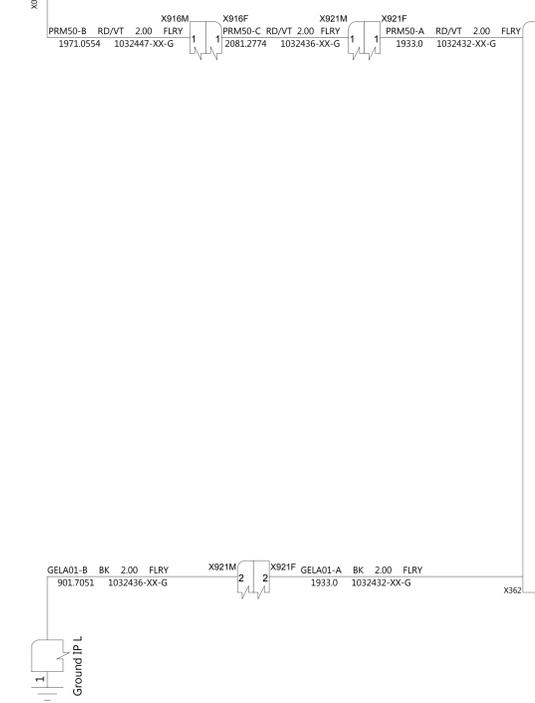
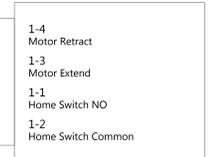
Door Control Module RF (BCFPM) DV3
P X390 X391 X392 X393



Power Door Drive Unit RF P X415



Power Door Push-Open RF P X416



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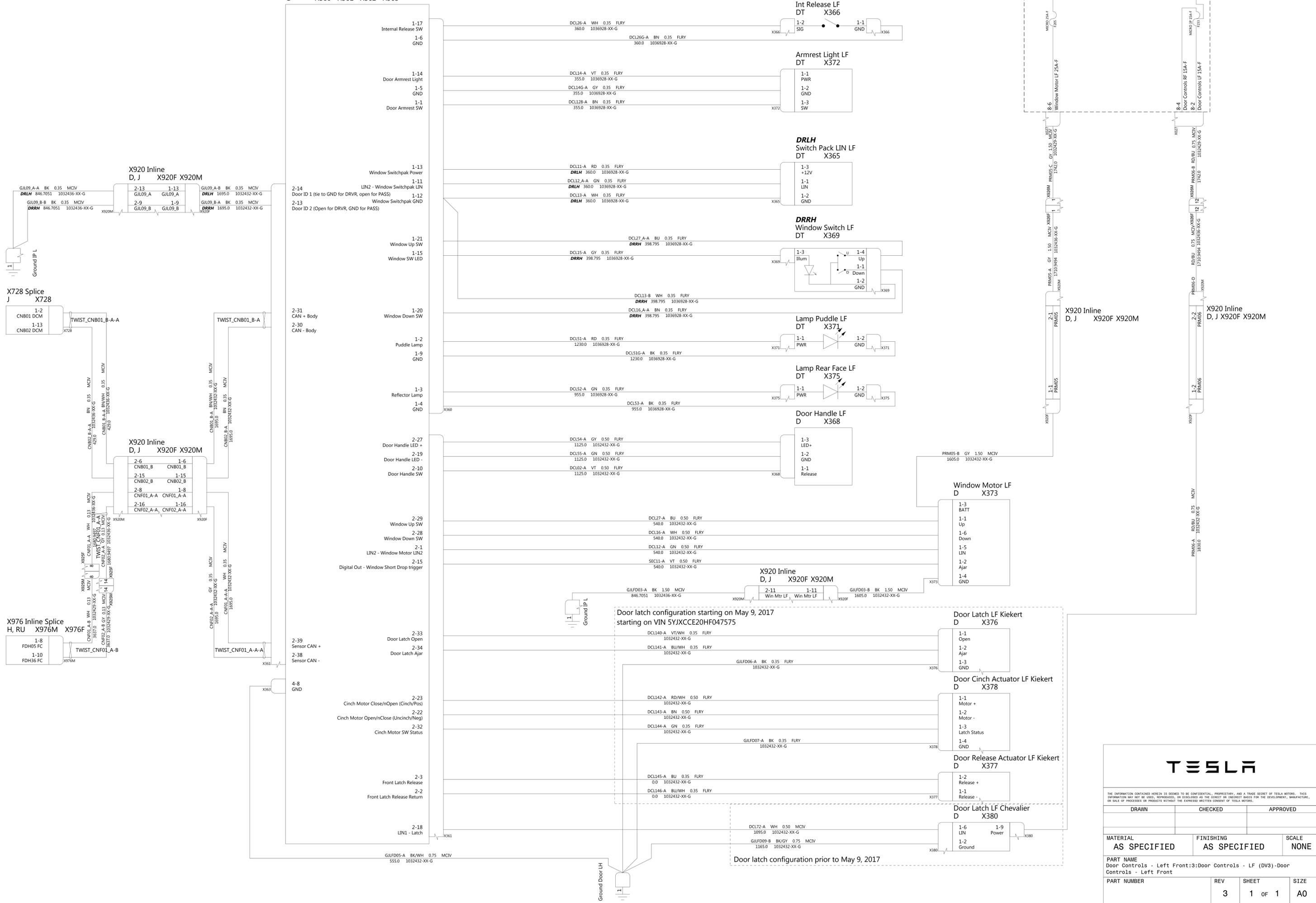
DRAWN	CHECKED	APPROVED
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MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
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PART NAME
Door Controls - Front Actuators

PART NUMBER	REV	SHEET	SIZE
	2	1 OF 1	A0

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



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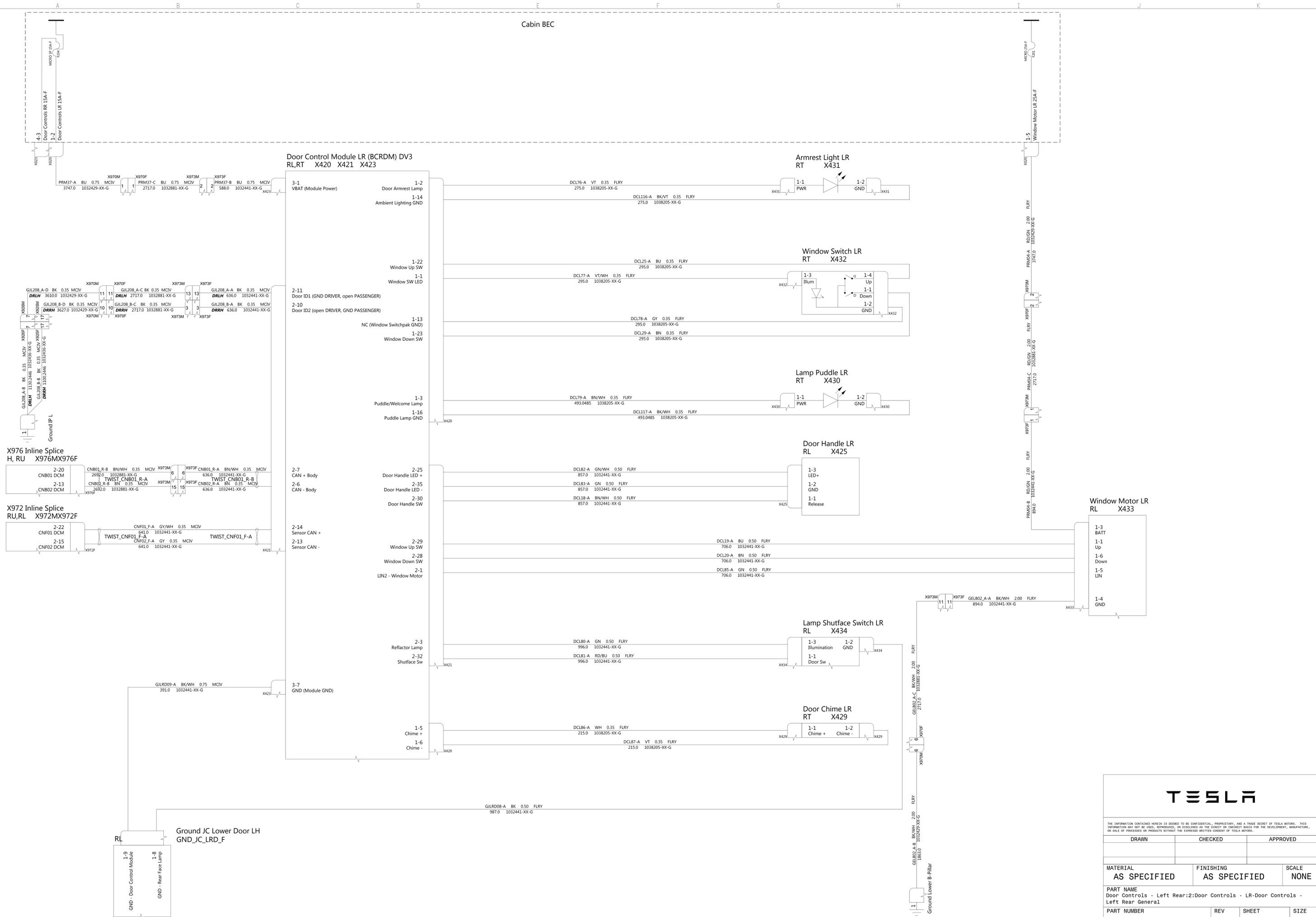
DRAWN	CHECKED	APPROVED

MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE

PART NAME
Door Controls - Left Front:3:Door Controls - LF (DV3)-Door Controls - Left Front

PART NUMBER	REV	SHEET	SIZE
	3	1 OF 1	A0

Cabin BEC



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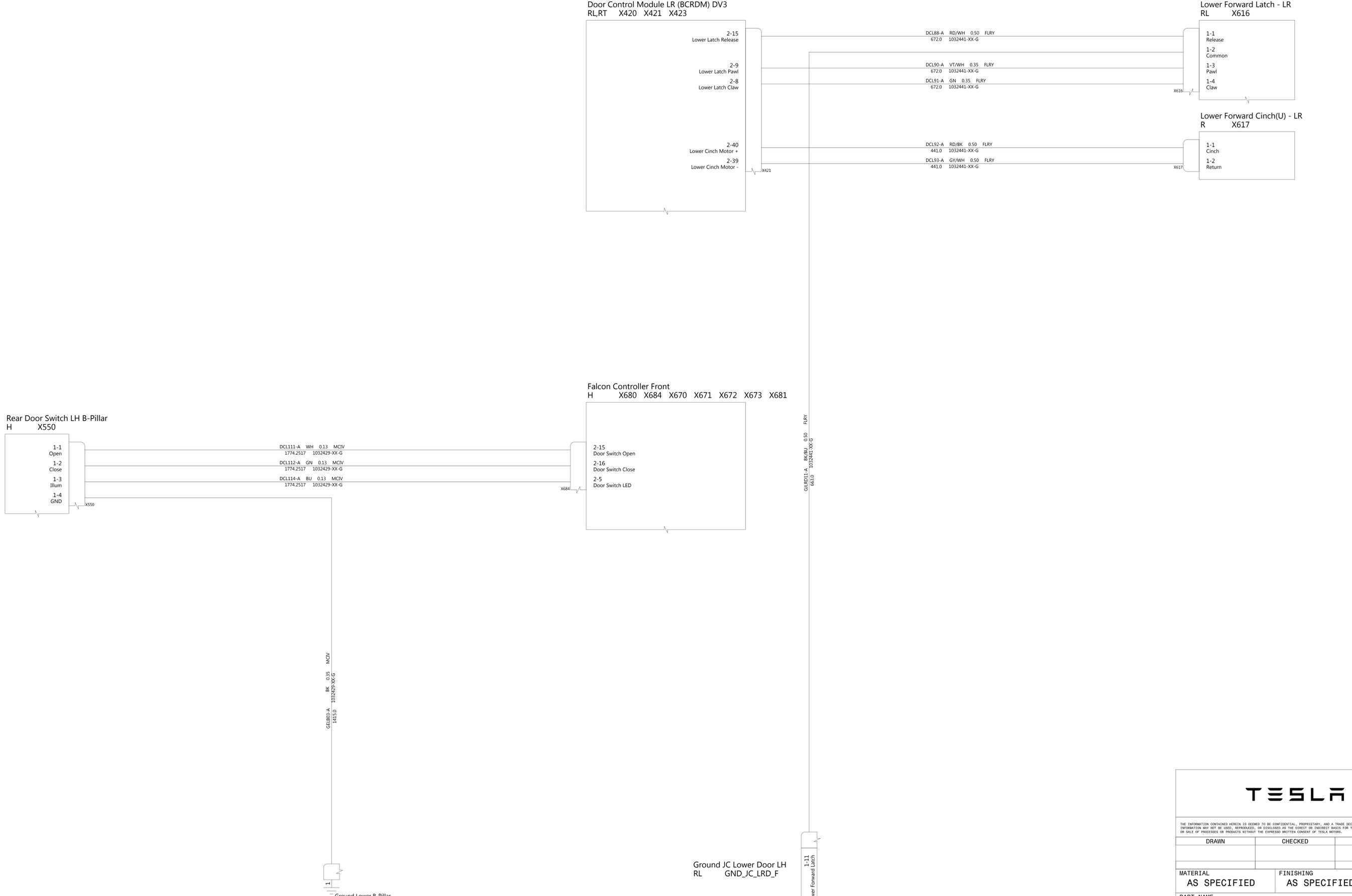
DRAWN	CHECKED	APPROVED
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MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
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PART NAME
Door Controls - Left Rear:2:Door Controls - LR-Door Controls - Left Rear General

PART NUMBER	REV 1	SHEET 17 OF 71	SIZE A0
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A B C D E F G H I J K



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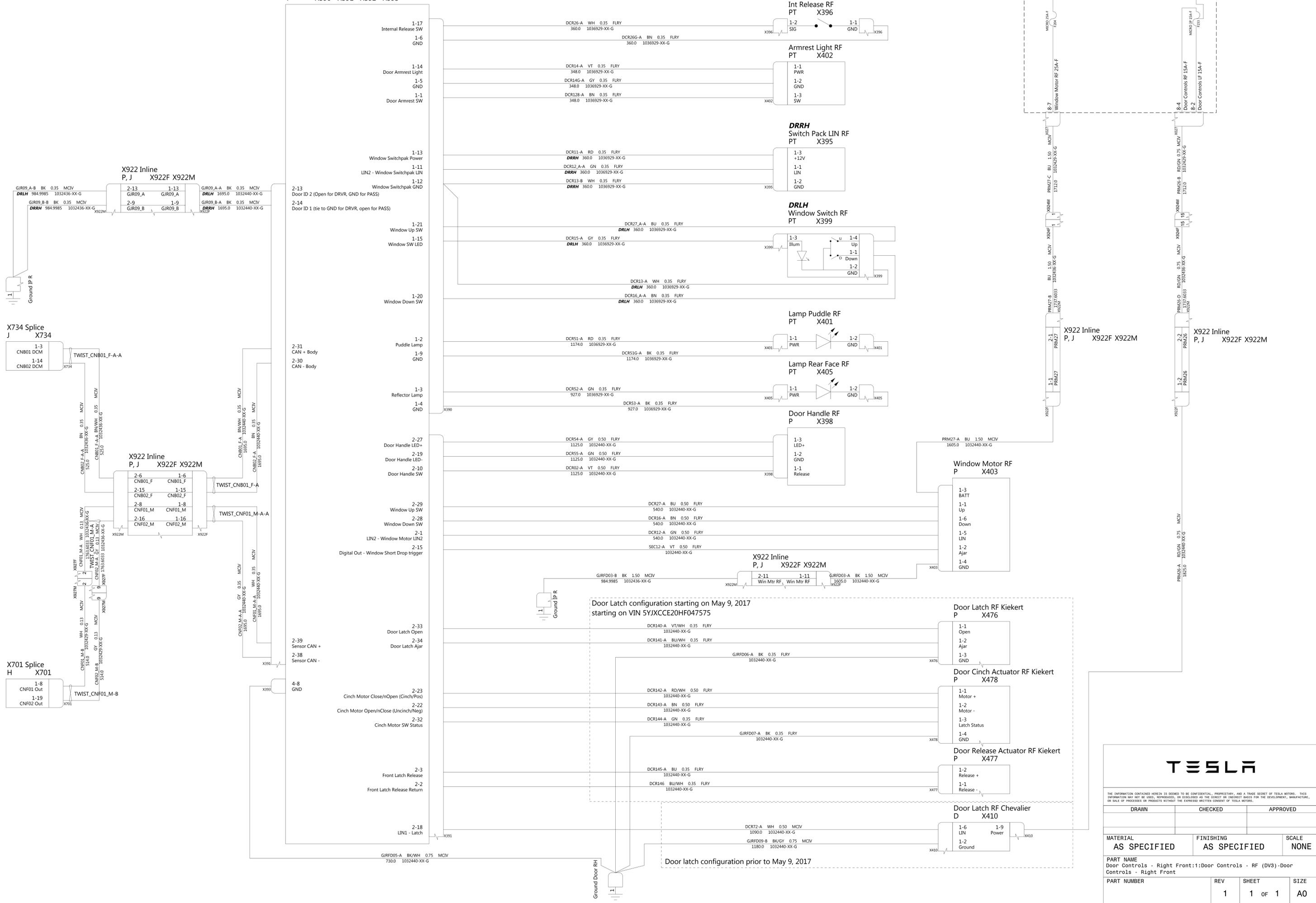
DRAWN	CHECKED	APPROVED

MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
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PART NAME
Door Controls - Left Rear:2:Door Controls - LR-Door Controls - Left Rear Latches

PART NUMBER	REV	SHEET	SIZE
	1	18 OF 71	A0

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



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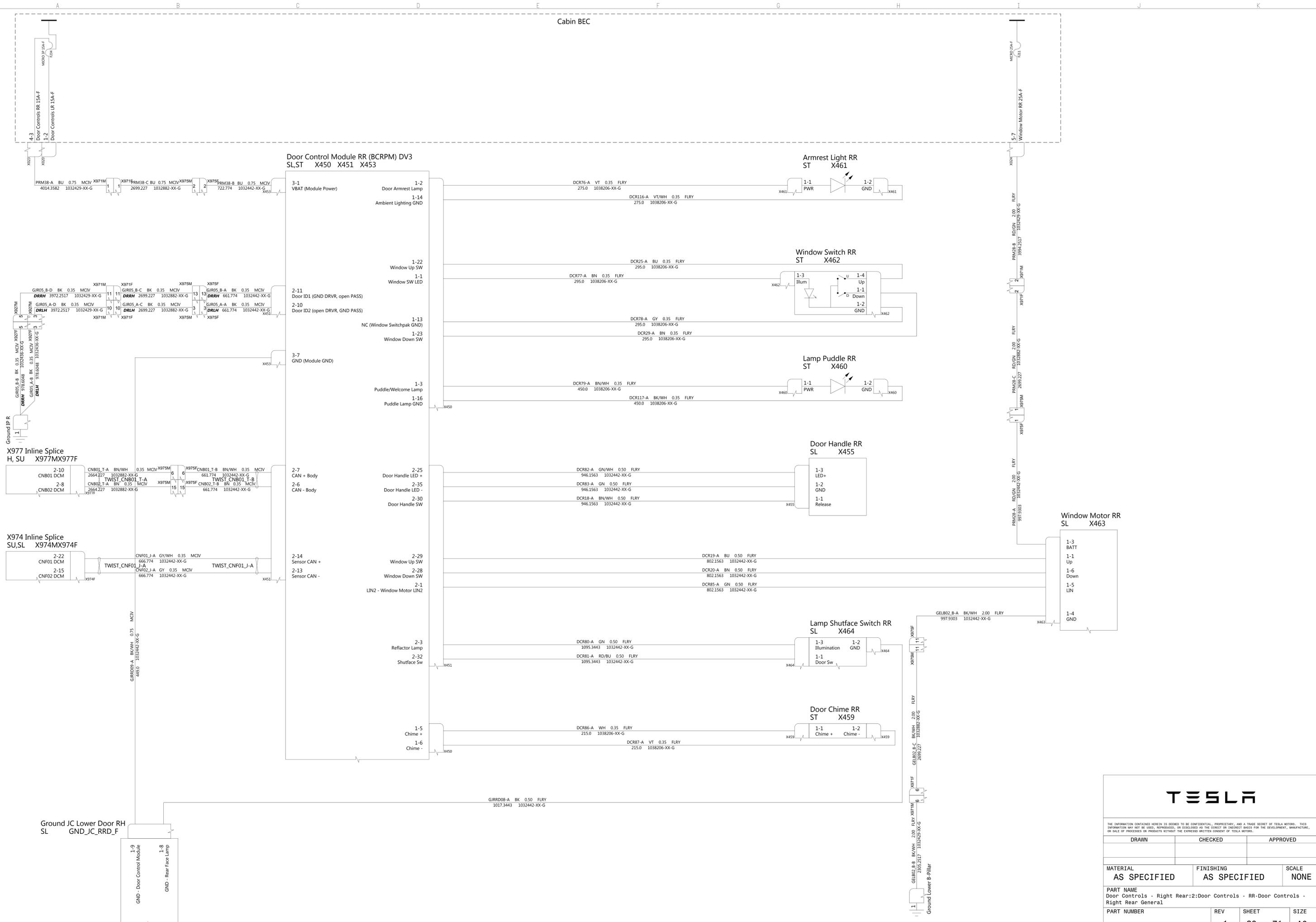
DRAWN	CHECKED	APPROVED

MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE

PART NAME
Door Controls - Right Front:1:Door Controls - RF (DV3)-Door Controls - Right Front

PART NUMBER	REV	SHEET	SIZE
	1	1 OF 1	A0

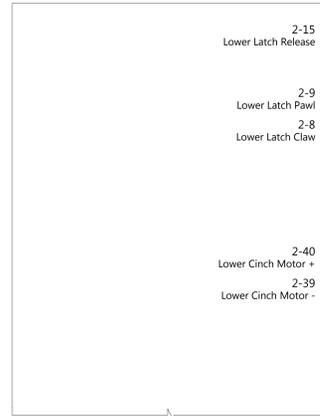
Cabin BEC



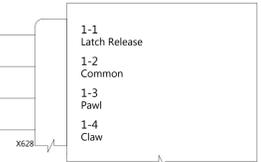
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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME Door Controls - Right Rear:2:Door Controls - RR-Door Controls - Right Rear General		
PART NUMBER	REV 1	SHEET 20 OF 71
		SIZE A0

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



Lower Forward Latch - RR
RL X628



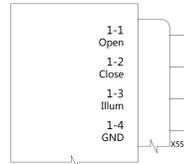
Lower Forward Cinch(U) - RR
SL X629



Falcon Controller Rear
H X682 X685 X674 X675 X676 X677 X683



Rear Door Switch RH B-Pillar
H X553



DCR111-A WH 0.13 MCV
5623.5967 1032429-XX-G

DCR112-A GN 0.13 MCV
5623.5967 1032429-XX-G

DCR114-A BU 0.13 MCV
5623.5967 1032429-XX-G

GEC201-A BK 0.35 MCV
1387.345 1032429-XX-G



Ground Center 2

GURRD11-A BK/BU 0.50 FRY
583.3443 1032442-XX-G

1-11
GND - Lower Forward Latch

Ground JC Lower Door RH
GND_JC_RRD_F

DCR88-A RD/WH 0.50 FLY
661.3443 1032442-XX-G

DCR90-A VT/WH 0.35 FLY
661.3443 1032442-XX-G

DCR91-A GN 0.35 FLY
661.3443 1032442-XX-G

DCR92-A RD/BK 0.50 FLY
1055.3443 1032442-XX-G

DCR93-A GY/WH 0.50 FLY
1055.3443 1032442-XX-G

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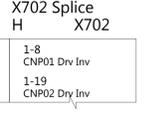
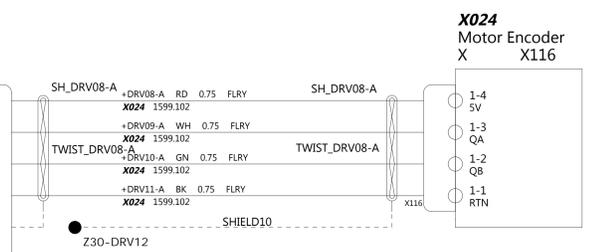
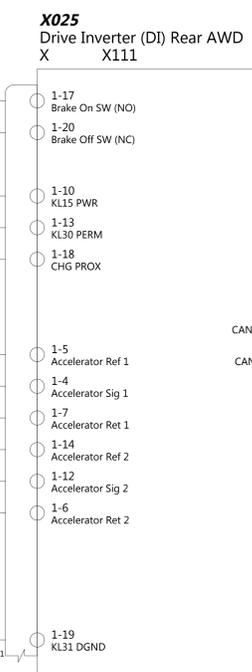
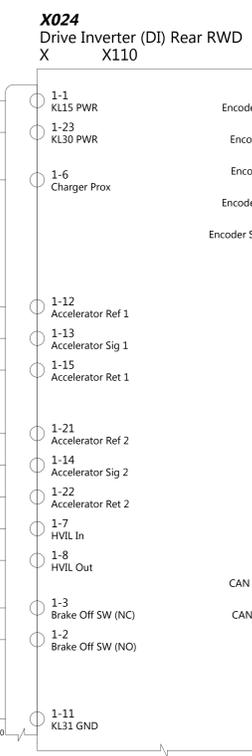
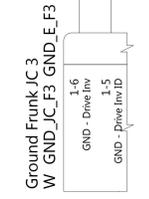
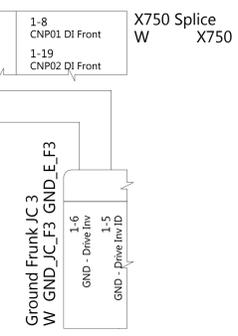
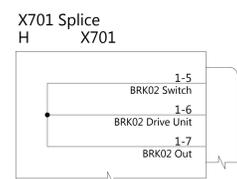
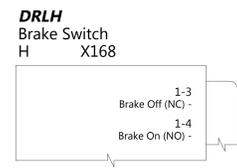
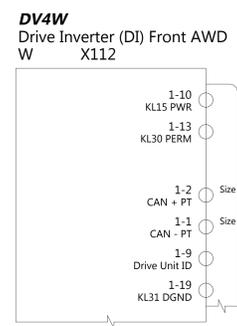
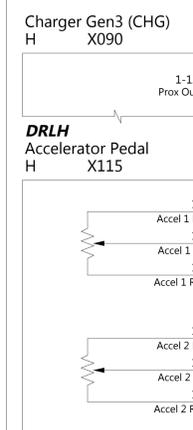
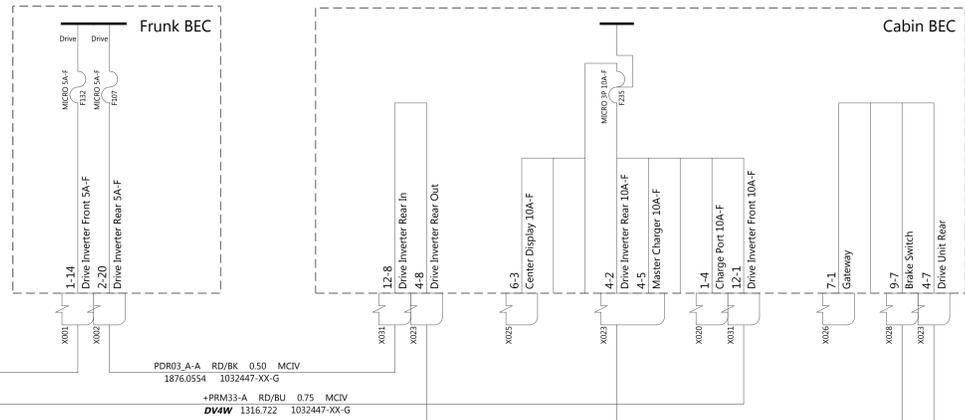
DRAWN	CHECKED	APPROVED

MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
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PART NAME
Door Controls - Right Rear:2:Door Controls - RR-Door Controls - Right Rear Latches

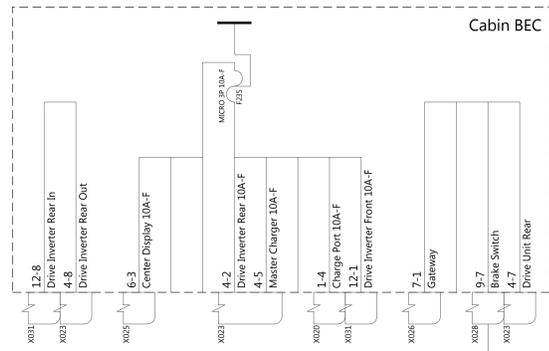
PART NUMBER	REV	SHEET	SIZE
	1	21 OF 71	A0

Wiring Updated per
Charger DT: 3/5/2014 (master)

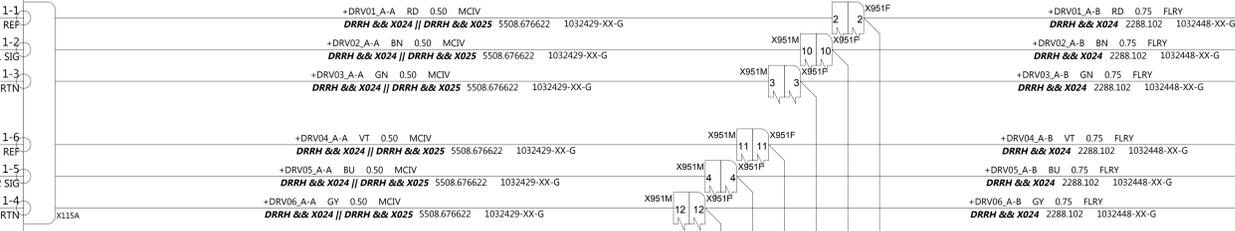
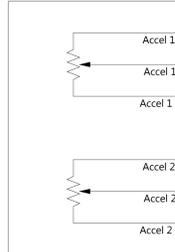


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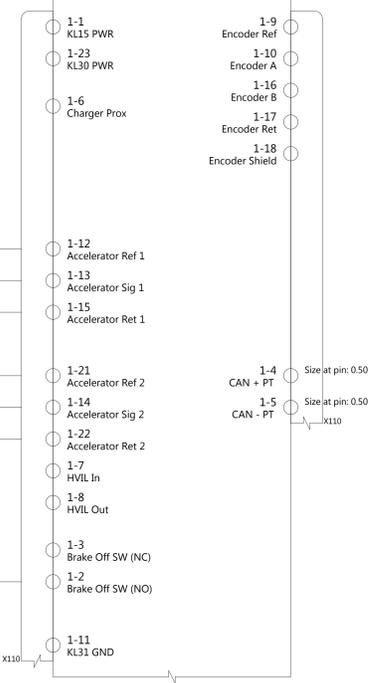
DRAWN		CHECKED		APPROVED	
MATERIAL	AS SPECIFIED	FINISHING	AS SPECIFIED	SCALE	NONE
PART NAME Drive Inverter:2:Drive Inverter (DV2)-Drive Inverter					
PART NUMBER	REV	SHEET	SIZE		
	1	22 OF 71	A0		



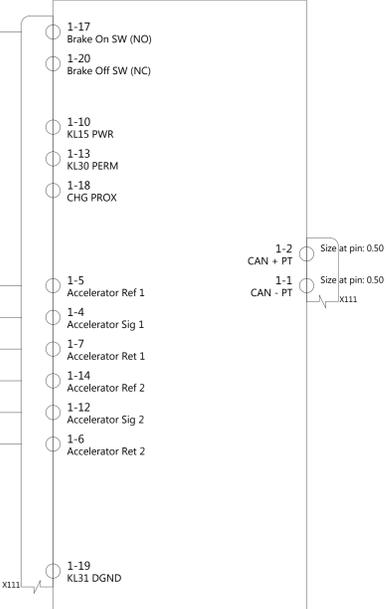
DRRH
Accelerator Pedal RHD
H X115A



X024
Drive Inverter (DI) Rear RWD
X X110



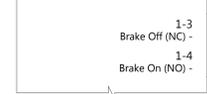
X025
Drive Inverter (DI) Rear AWD
X X111



+BRK02_A-A WH 0.35 MCV
298.640055 1032429-XX-G

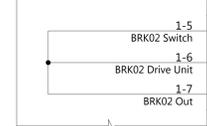
+BRK02_B-A WH 0.50 MCV
X024 // X025 5348.8235 1032429-XX-G

DRRH
Brake Switch RHD
H X168A



+BRK02_A-A-A WH 0.35 MCV
298.640055 1032429-XX-G

X701 Splice
H X701



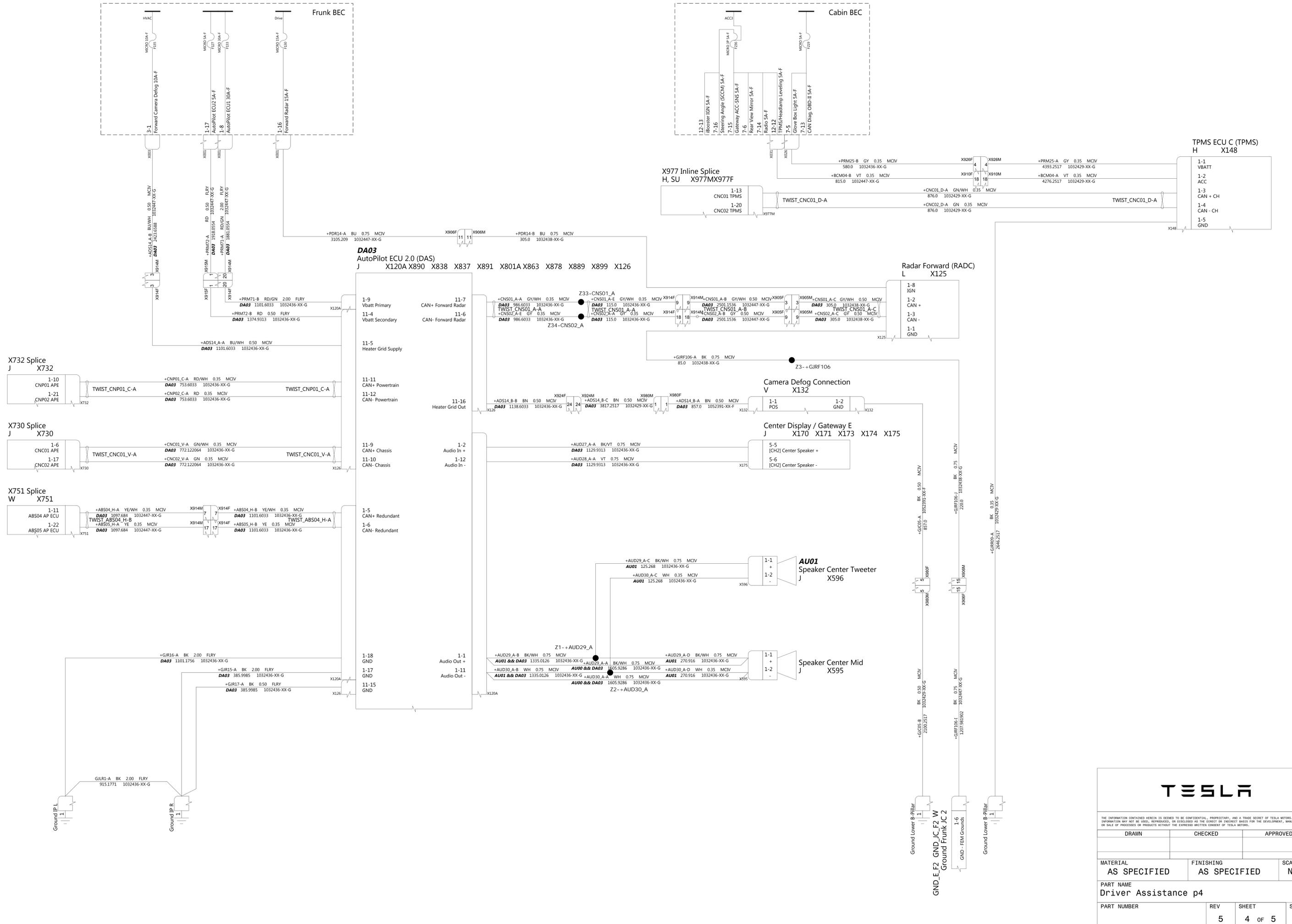
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DRAWN	CHECKED	APPROVED
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MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
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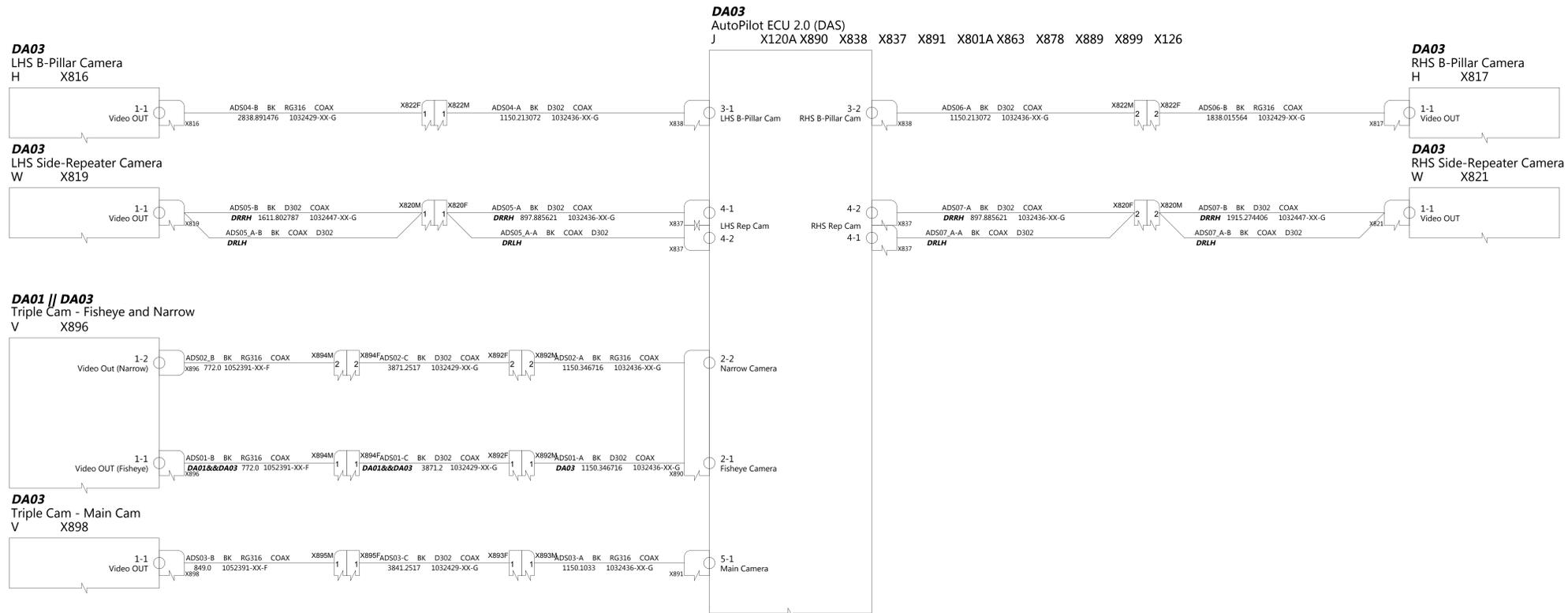
PART NAME
Drive Inverter:2:Drive Inverter (DV2)-Drive Inverter P2 - RHD

PART NUMBER	REV	SHEET	SIZE
	1	23 OF 71	A0



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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME Driver Assistance p4		
PART NUMBER	REV	SHEET
	5	4 OF 5
		SCALE
		A0



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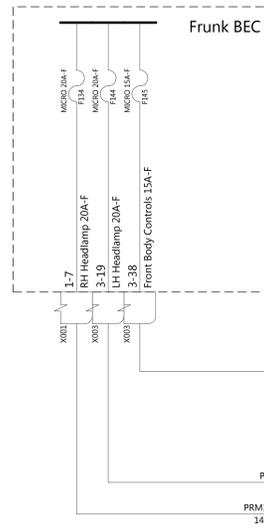
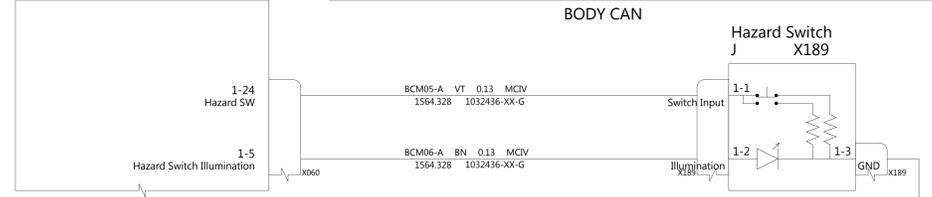
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MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
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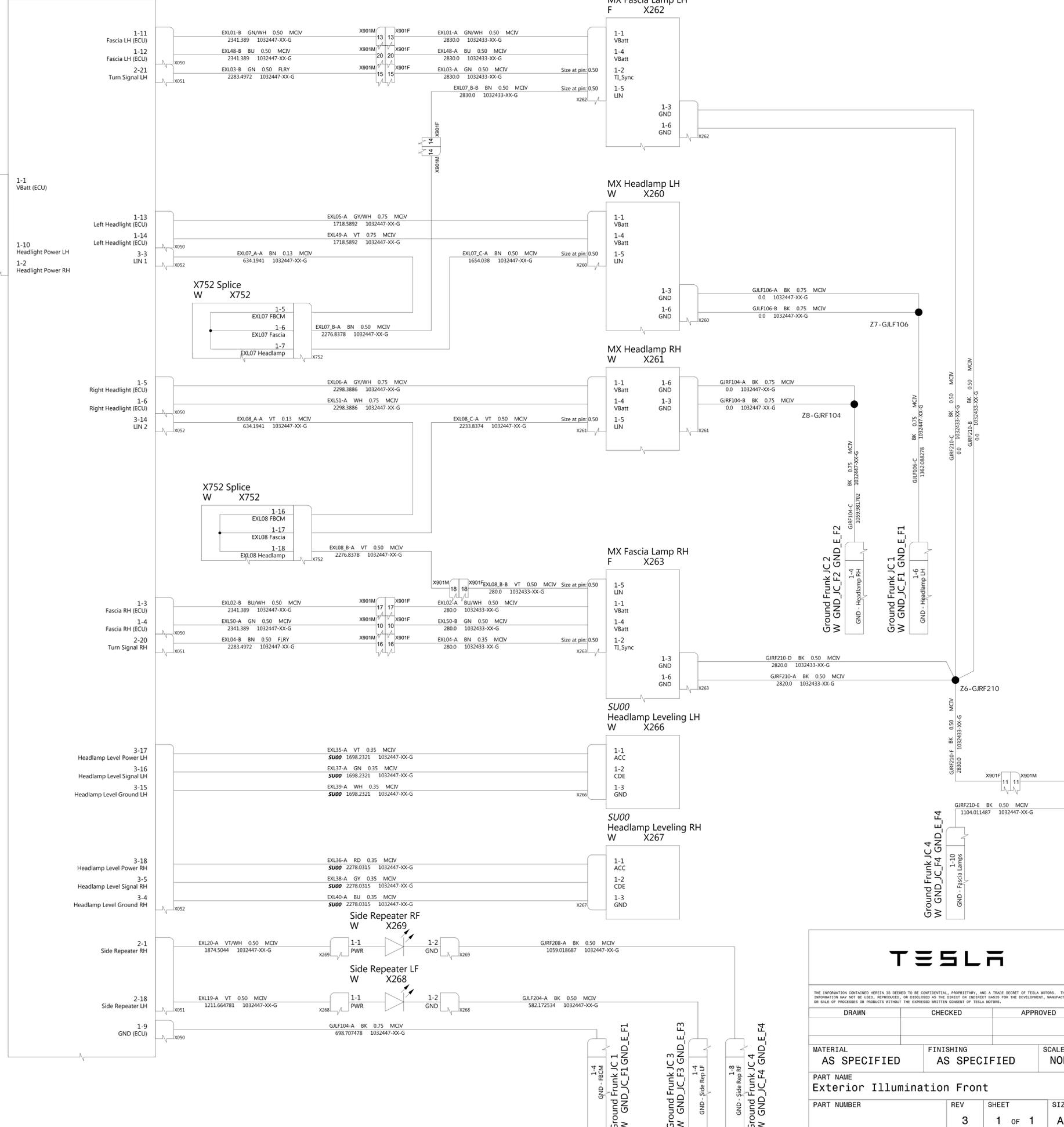
PART NAME
Driver Assistance p3

PART NUMBER	REV	SHEET	SIZE
	5	3 OF 4	A0

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

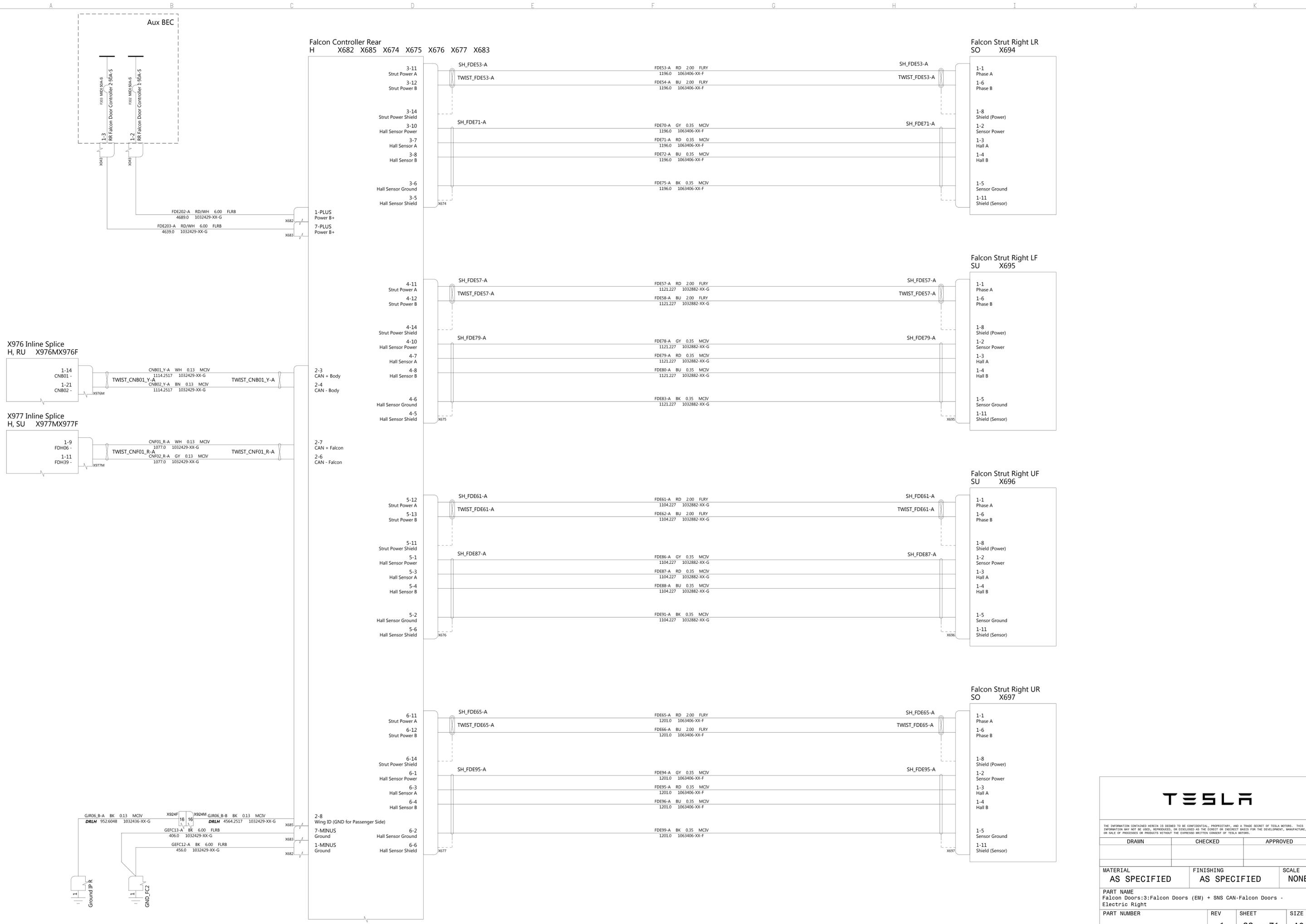


Front Body Control Module (BCFRONT) DV3
W X050 X051 X052

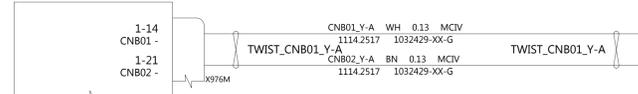


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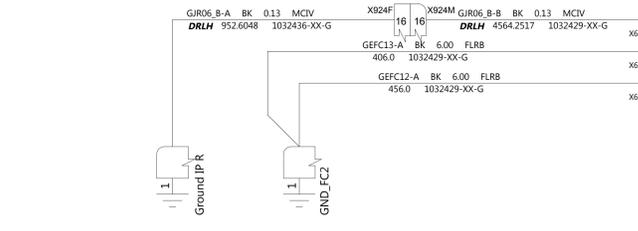
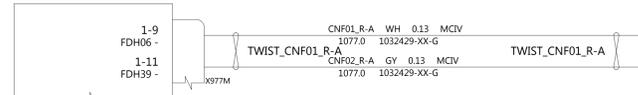
DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME Exterior Illumination Front		
PART NUMBER	REV	SHEET
	3	1 OF 1
		SIZE A0



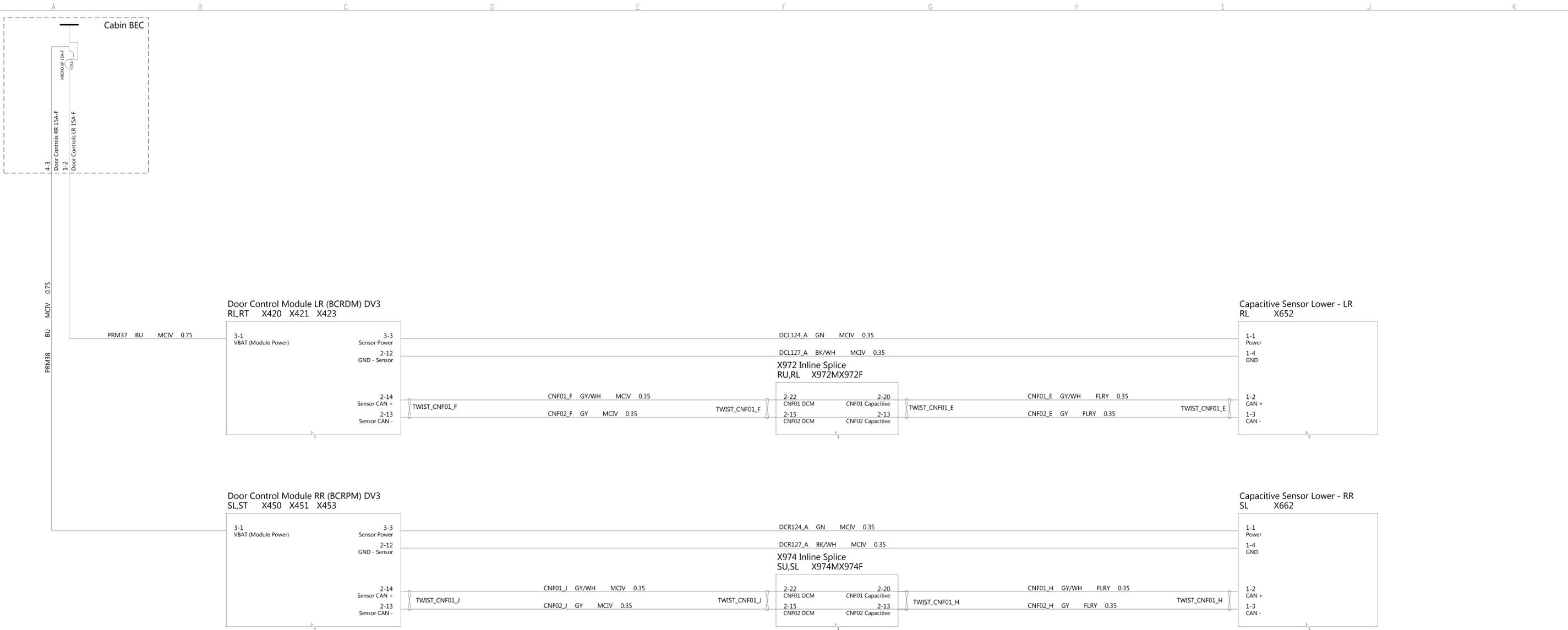
X976 Inline Splice
H, RU X976MX976F



X977 Inline Splice
H, SU X977MX977F



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DRAWN	CHECKED	APPROVED	
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE	
PART NAME Falcon Doors:3:Falcon Doors (EM) + SNS CAN-Falcon Doors - Electric Right			
PART NUMBER	REV 1	SHEET 32 OF 71	SIZE A0



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DRAWN	CHECKED	APPROVED

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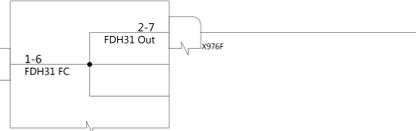
PART NAME
Falcon Doors - Obstacle Sensors

PART NUMBER	REV 4	SHEET 3 OF 5	SIZE A0
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Falcon Controller Front
H X680 X684 X670 X671 X672 X673 X681

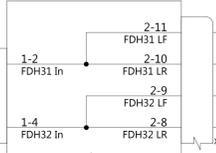


X976 Inline Splice
H, RU X976MX976F



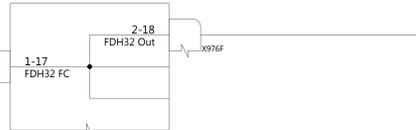
FDH31_D-A GY 0.35 MCVV
2666.0 1032881-XX-G

X972 Inline Splice
RU,RL X972MX972F

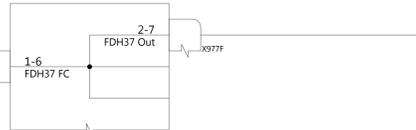


FDH32_D-A RD 0.35 MCVV
2666.0 1032881-XX-G

X976 Inline Splice
H, RU X976MX976F

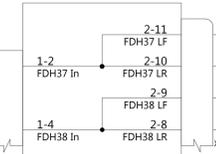


X977 Inline Splice
H, SU X977MX977F



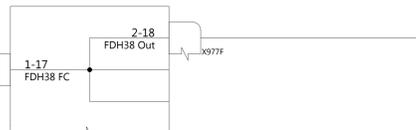
FDH37_D-A BU 0.35 MCVV
2638.227 1032882-XX-G

X974 Inline Splice
SU,SL X974MX974F



FDH38_D-A BN 0.35 MCVV
2638.227 1032882-XX-G

X977 Inline Splice
H, SU X977MX977F

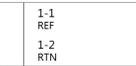


Falcon Controller Rear
H X682 X685 X674 X675 X676 X677 X683



FDH38_A-A BN 0.35 MCVV
1077.0 1032429-XX-G

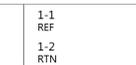
Pinch Sensor 3 LR - Lower Forward
RU X439



FDH31_E-A GY 0.50 FLYRY
925.0 1032441-XX-G

FDH32_E-A RD 0.50 FLYRY
925.0 1032441-XX-G

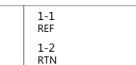
Pinch Sensor 4 LR - Lower Rear
RU X440



FDH31_F-A GY 0.50 FLYRY
1327.5055 1032441-XX-G

FDH32_F-A RD 0.50 FLYRY
1327.5055 1032441-XX-G

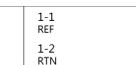
Pinch Sensor 3 RR - Lower Forward
SU X469



FDH37_E-A BU 0.50 FLYRY
1021.9303 1032442-XX-G

FDH38_E-A BN 0.50 FLYRY
1021.9303 1032442-XX-G

Pinch Sensor 4 RR - Lower Rear
SU X470



FDH37_F-A BU 0.50 FLYRY
1436.1183 1032442-XX-G

FDH38_F-A BN 0.50 FLYRY
1436.1183 1032442-XX-G

TESLA

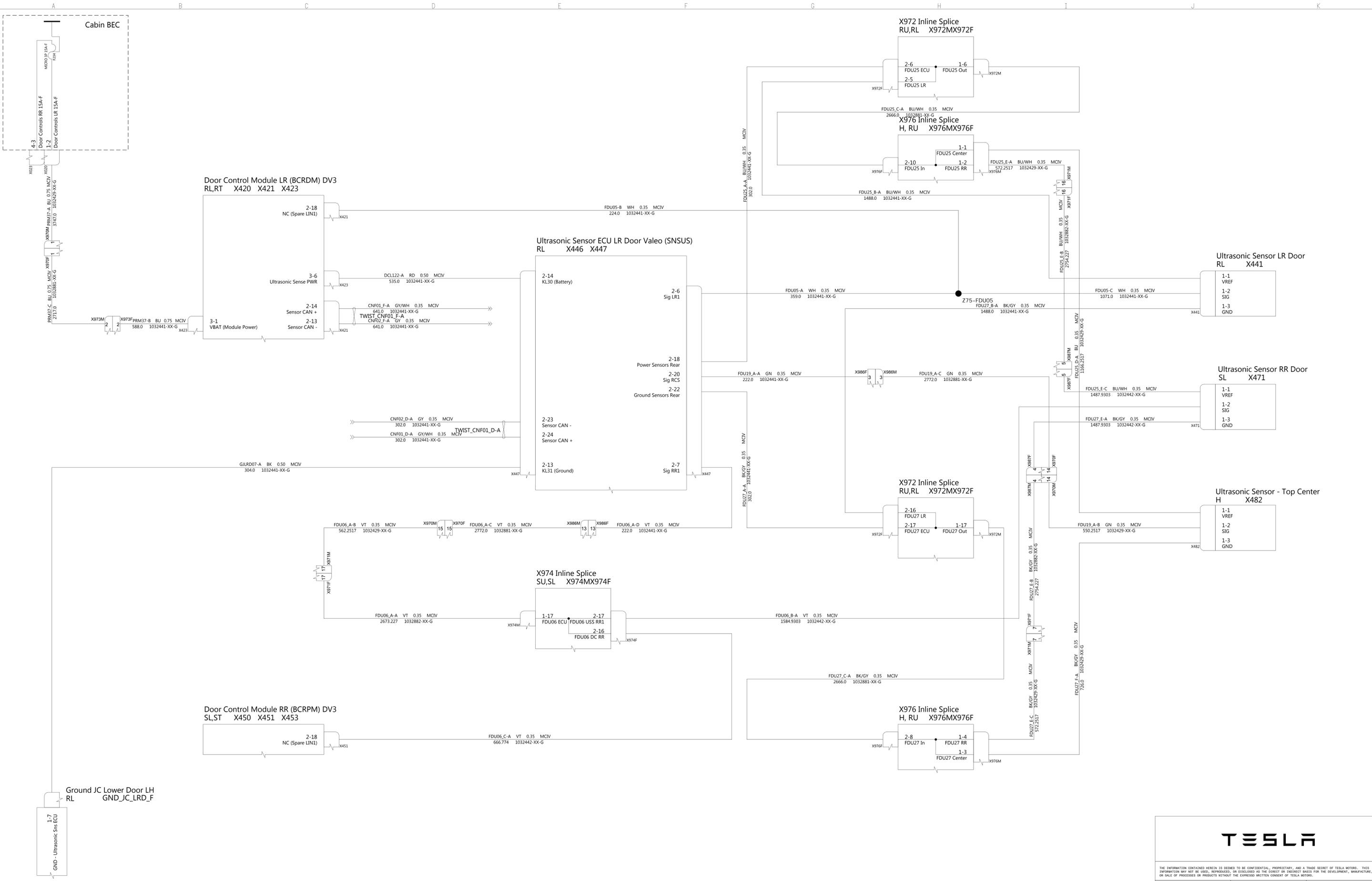
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DRAWN	CHECKED	APPROVED

MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
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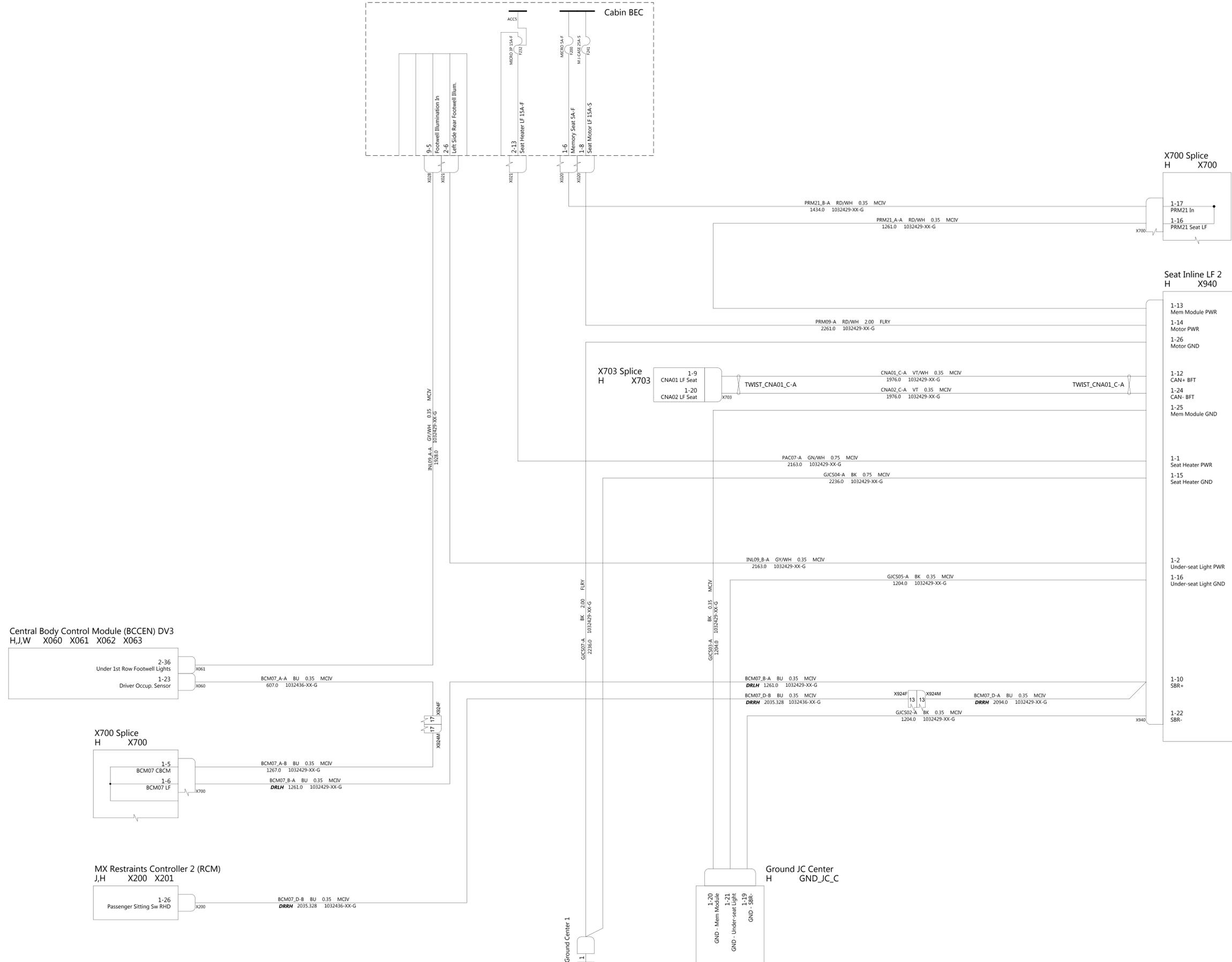
PART NAME
Falcon Doors:3:Falcon Doors (EM) + SNS CAN-Falcon Doors - Pinch Sensors

PART NUMBER	REV	SHEET	SIZE
	1	34 OF 71	A0



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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME Falcon Doors:3:Falcon Doors (EM) + SNS CAN-Falcon Doors - UltraSonics		
PART NUMBER	REV 1	SHEET 35 OF 71
		SIZE A0



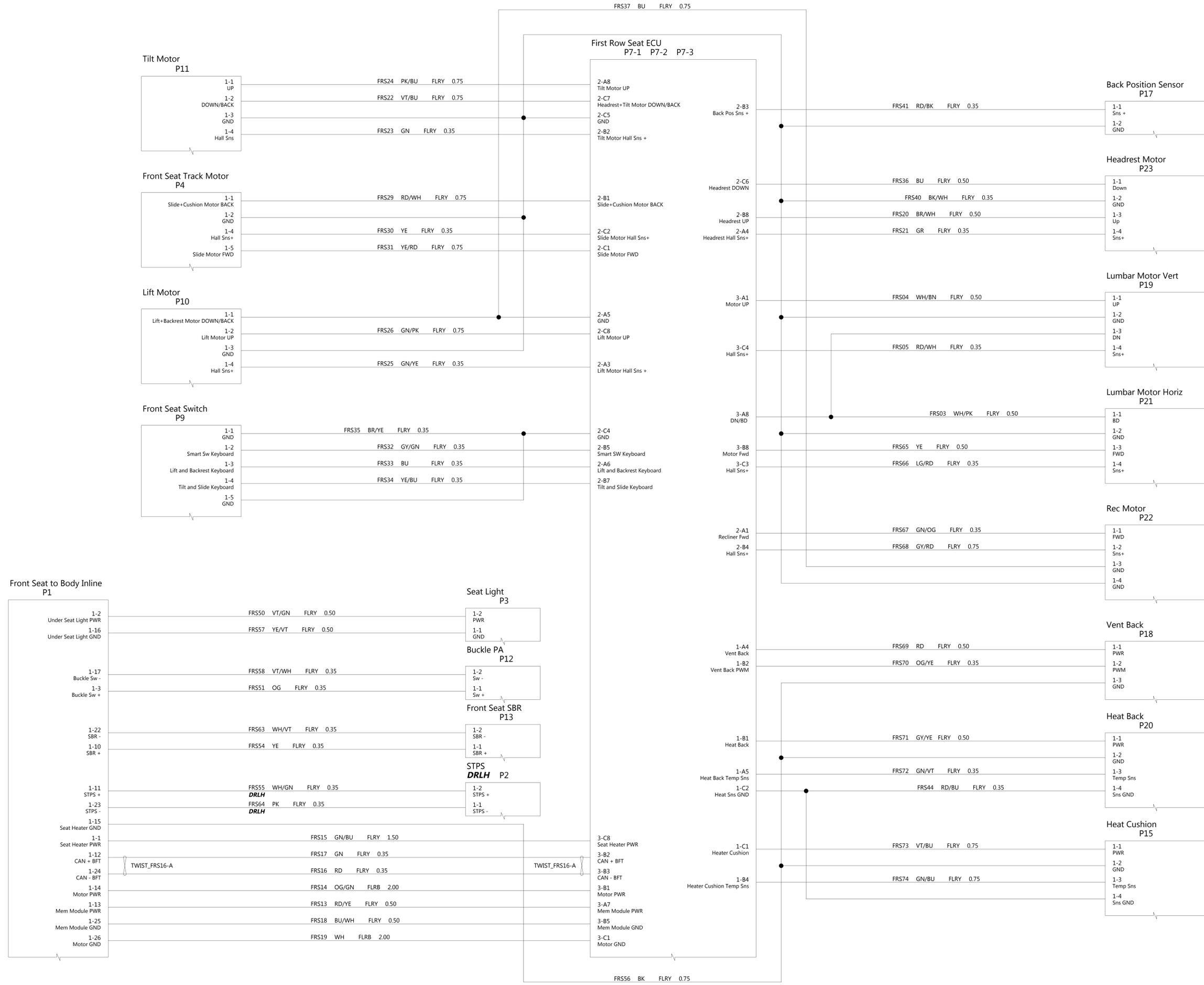
THE INFORMATION CONTAINED HEREIN IS DEEMED TO BE CONFIDENTIAL, PROPRIETARY, AND A TRADE SECRET OF TESLA MOTORS. THIS INFORMATION MAY NOT BE USED, REPRODUCED, OR DISCLOSED AS THE DIRECT OR INDIRECT BASIS FOR THE DEVELOPMENT, MANUFACTURE, OR SALE OF PROCESSES OR PRODUCTS WITHOUT THE EXPRESSED WRITTEN CONSENT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

DRAWN	CHECKED	APPROVED
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MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
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PART NAME
Front Seat Interface LHS

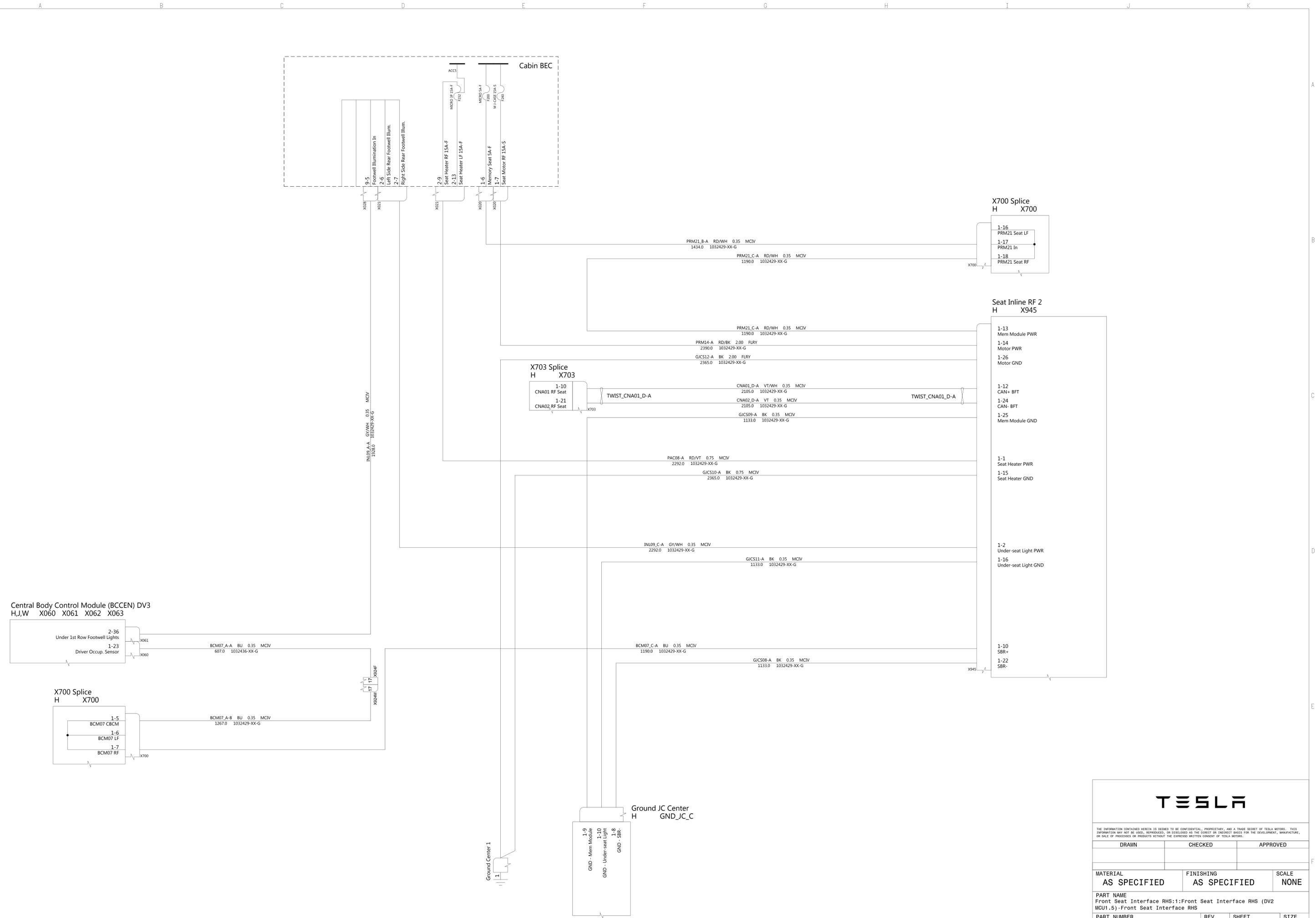
PART NUMBER	REV	SHEET	SIZE
	1	1 OF 2	A0



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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME Front Seat Interface LHS - Internal Wiring for both Fr Seats		
PART NUMBER	REV 1	SHEET 2 OF 2
		SIZE A0



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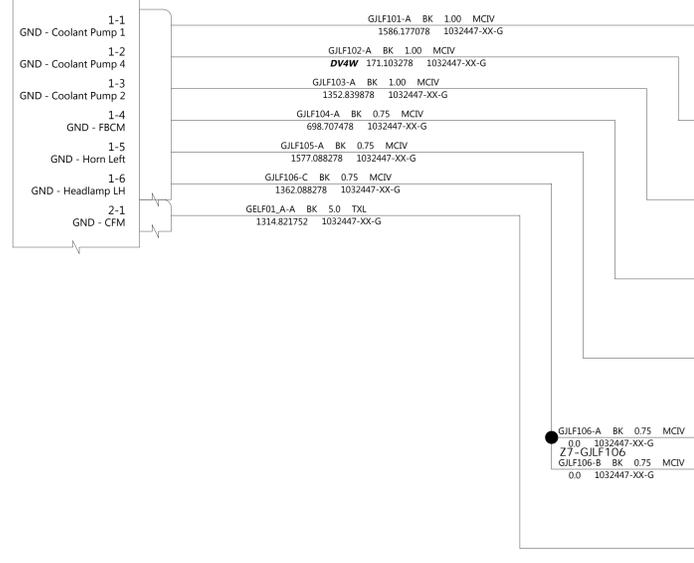
DRAWN	CHECKED	APPROVED

MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
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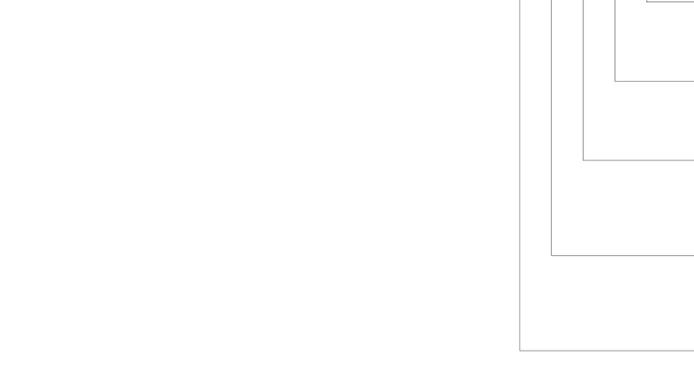
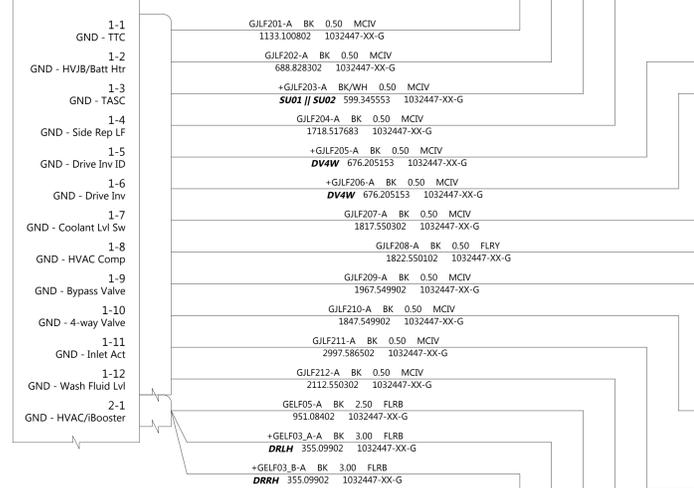
PART NAME
Front Seat Interface RHS:1:Front Seat Interface RHS (DV2)
MCU1.5)-Front Seat Interface RHS

PART NUMBER	REV	SHEET	SIZE
	1	37 OF 71	A0

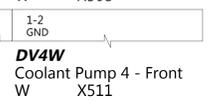
Ground Frunk JC 1
W GND_JC_F1 GND_E_F1



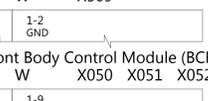
Ground Frunk JC 3
W GND_JC_F3 GND_E_F3



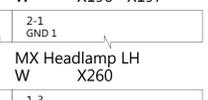
Coolant Pump 1 - Battery 1
W X508



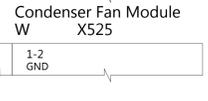
Coolant Pump 2 - Battery 2
W X509



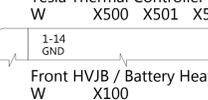
Horn Left
W X196 X197



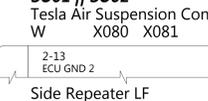
Condenser Fan Module
W X525



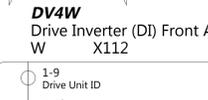
Tesla Thermal Controller (THC)
W X500 X501 X502 X503



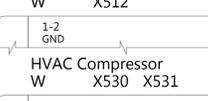
Front HVJB / Battery Heater
W X100



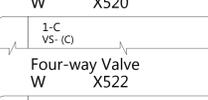
SU01 // SU02
Tesla Air Suspension Controller (TAS) DV3
W X080 X081



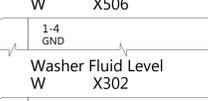
Side Repeater LF
W X268



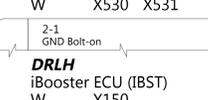
DV4W Drive Inverter (DI) Front AWD
W X112



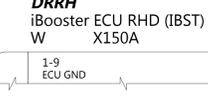
Coolant Level Switch
W X512



HVAC Compressor
W X530 X531



Radiator Bypass Valve
W X520



Four-way Valve
W X522



Inlet Actuator MX
W X506

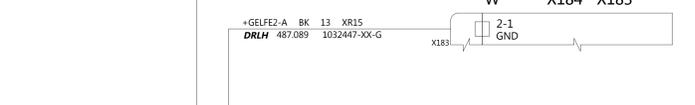
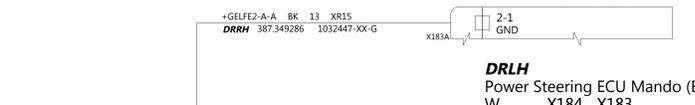
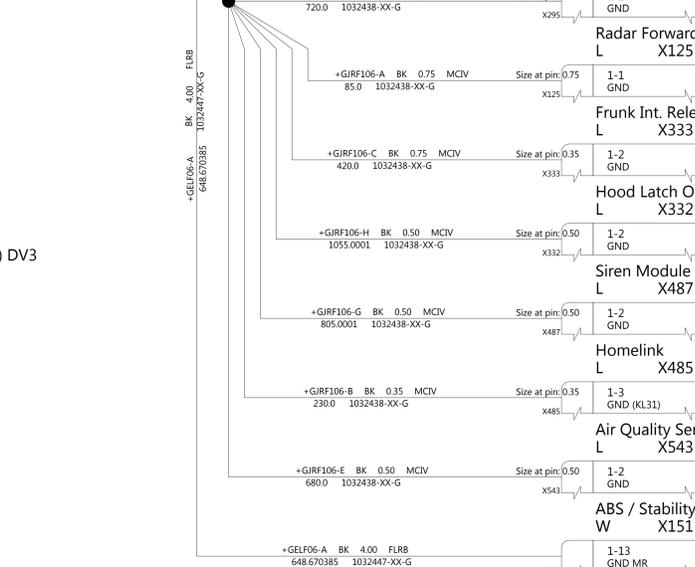
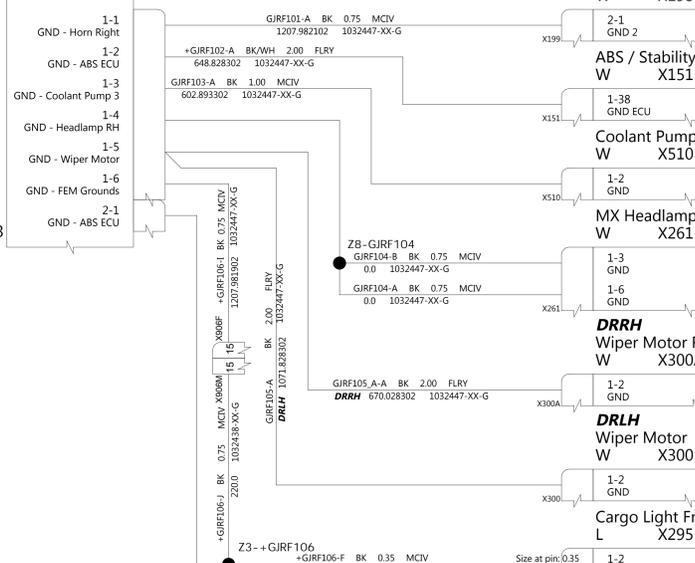
Washer Fluid Level
W X302

HVAC Compressor
W X530 X531

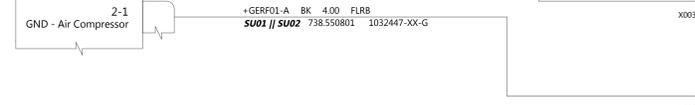
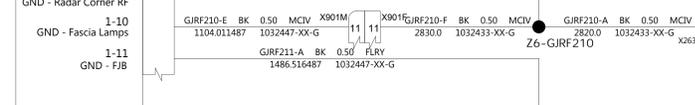
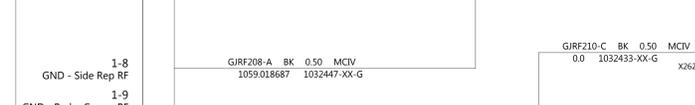
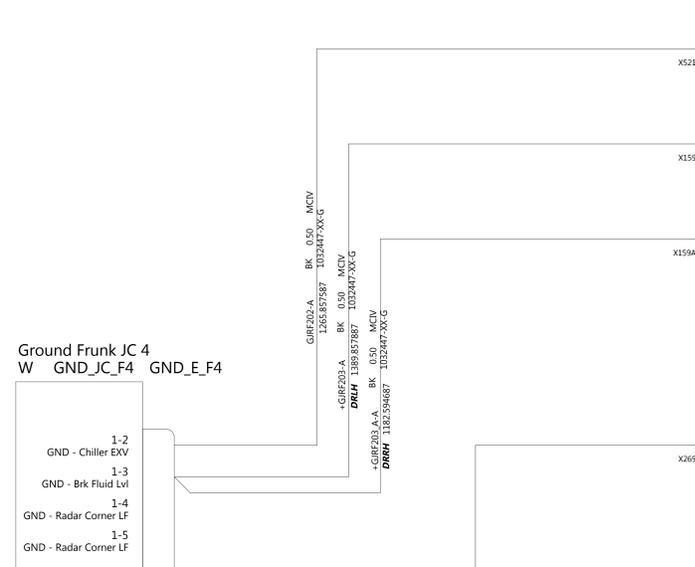
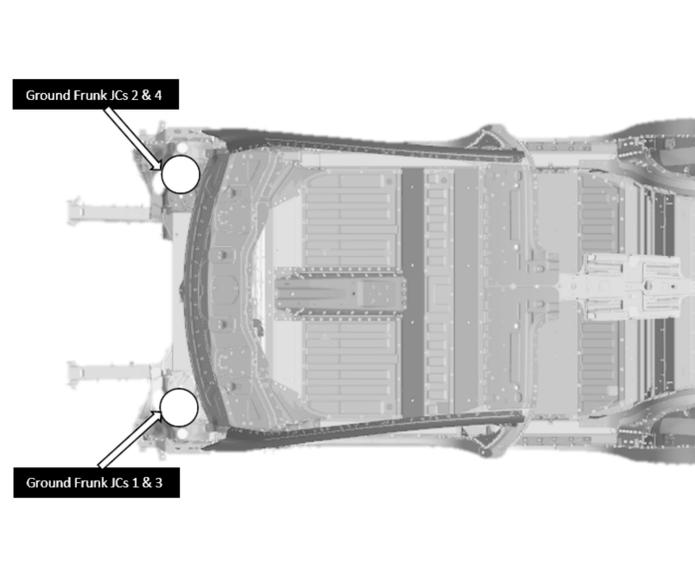
DRLH iBooster ECU (IBST)
W X150

DRRH iBooster ECU RHD (IBST)
W X150A

Ground Frunk JC 2
W GND_JC_F2 GND_E_F2



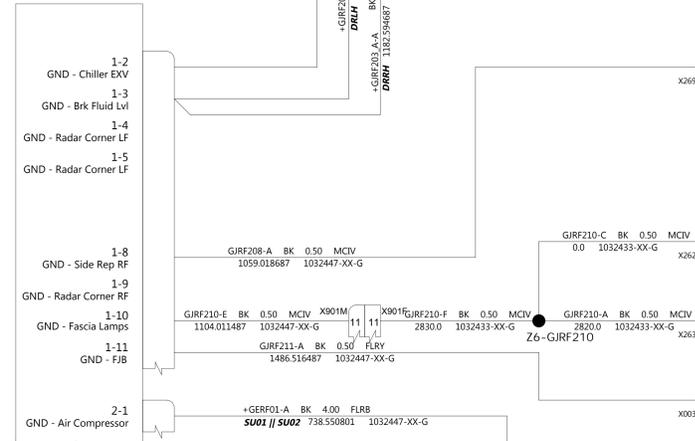
Ground Frunk JC 4
W GND_JC_F4 GND_E_F4

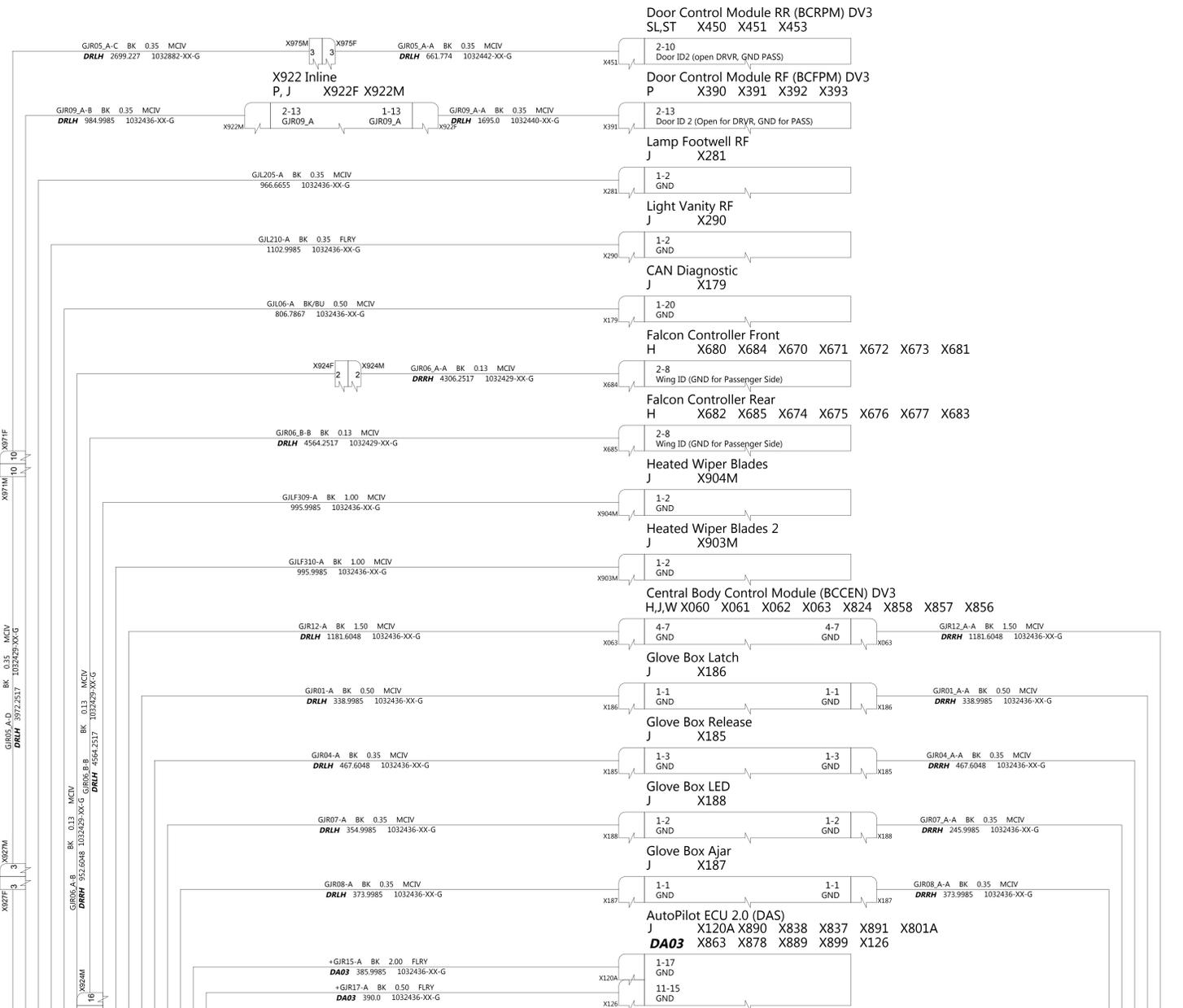
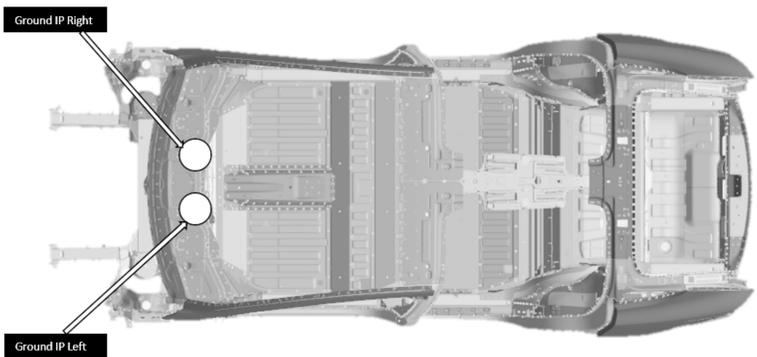
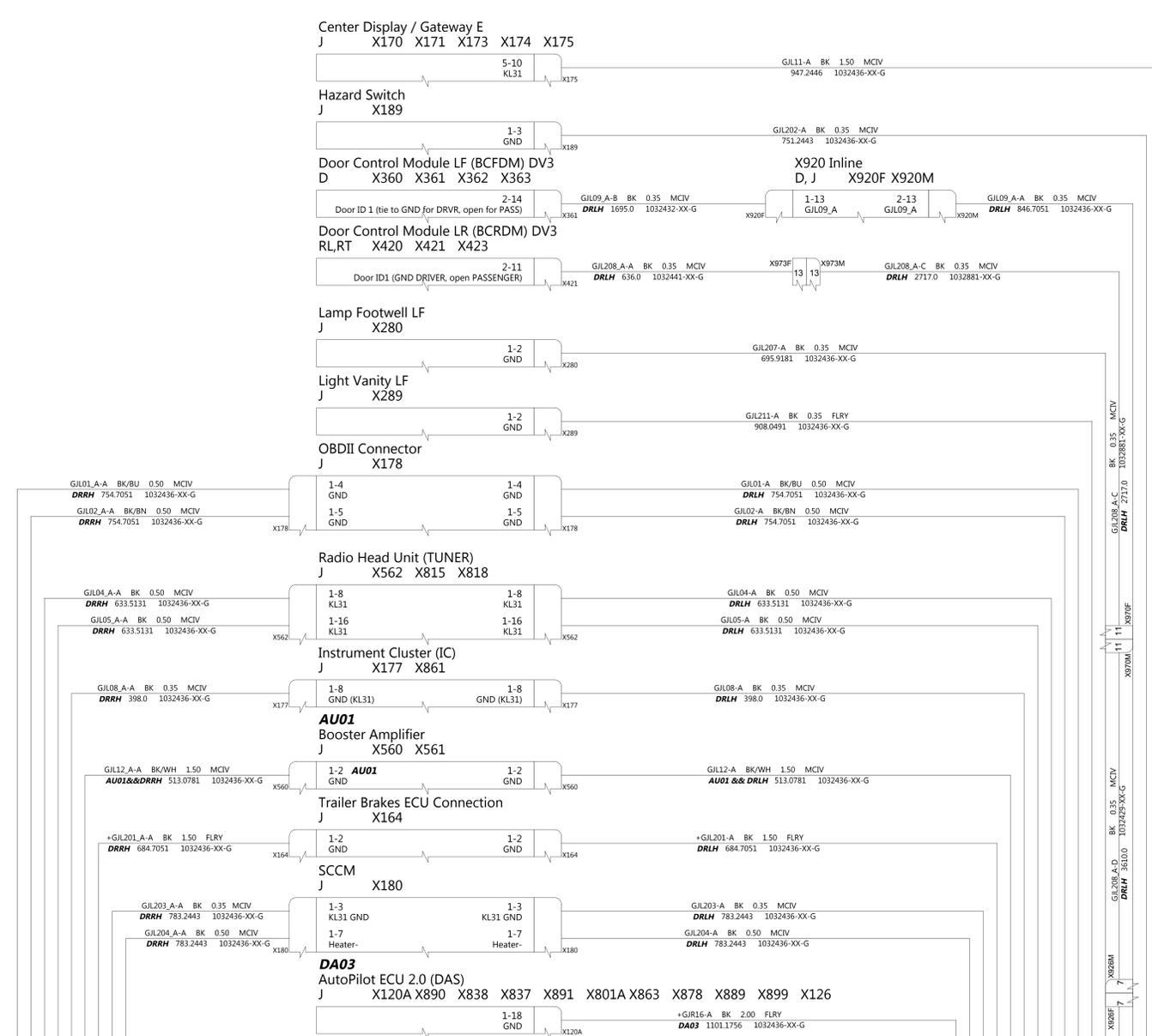


Ground Frunk JCs 2 & 4

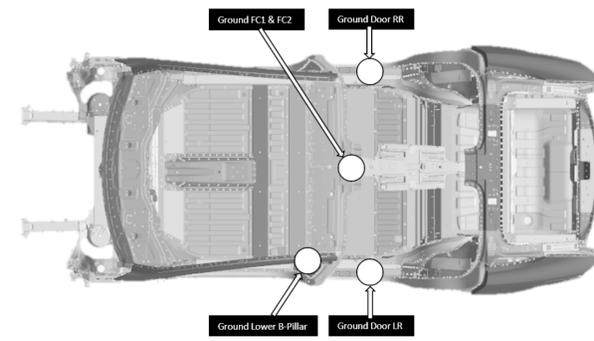
Ground Frunk JCs 1 & 3

Ground Frunk JC 4
W GND_JC_F4 GND_E_F4





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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
	2	1 OF 2	A0



Ultrasonic Sensor ECU LR Door Valeo (SNSUS)
RL X446 X447



Lamp Shutface Switch LR
RL X434



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



Lower Forward Latch - LR
RL X616



Window Motor LR
RL X433



Rear View Mirror
V X129



Camera Defog Connection
V X132



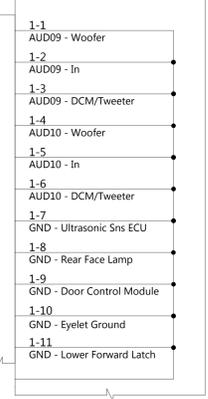
Falcon Controller Front
H X680 X684 X670 X671 X673 X681



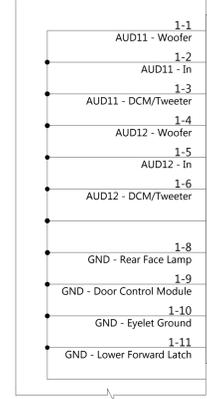
GND_FC1

Audio circuits on audio schematics.

Ground JC Lower Door LH
RL GND_JC_LRD_F



Ground JC Lower Door RH
SL GND_JC_RRD_F



Audio circuits on audio schematics.

Lamp Shutface Switch RR
SL X464



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



Lower Forward Latch - RR
RL X628



Window Motor RR
SL X463



TPMS ECU C (TPMS)
H X148



Rear Door Switch LH B-Pillar
H X550



Falcon Controller Rear
H X682 X685 X674 X675 X676 X677 X683



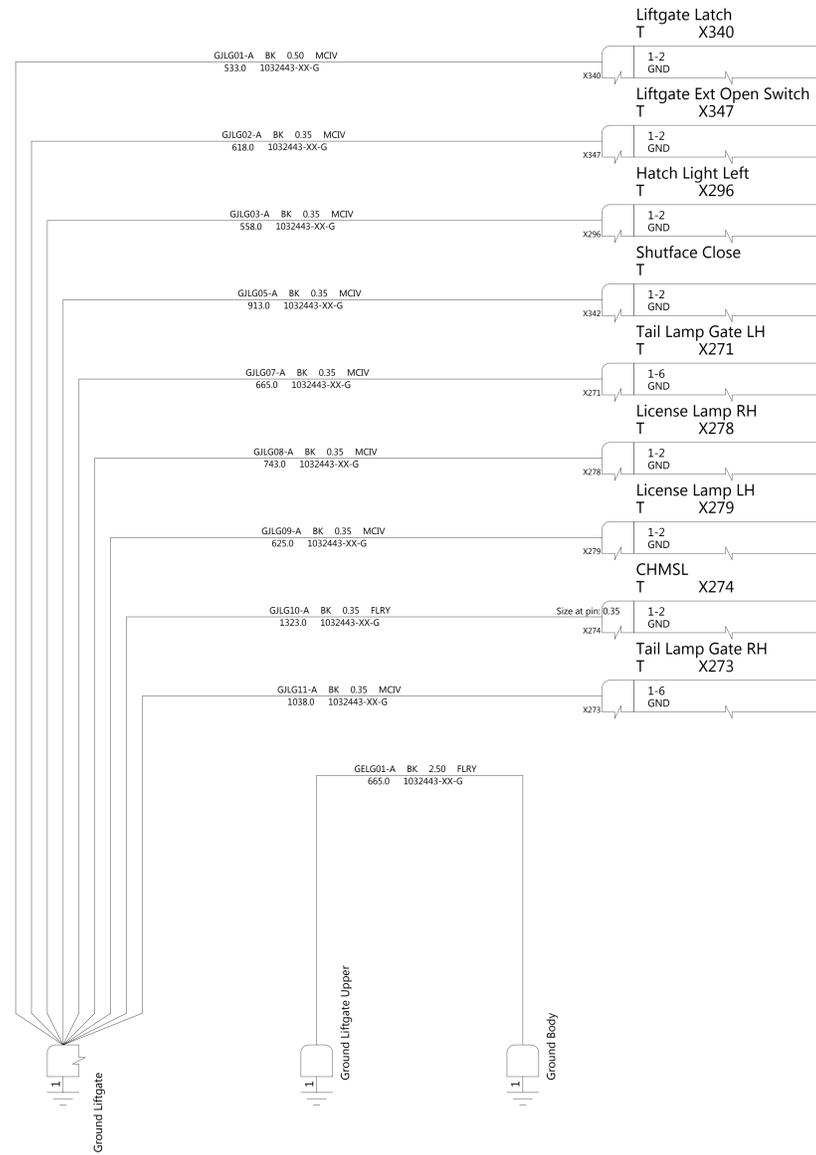
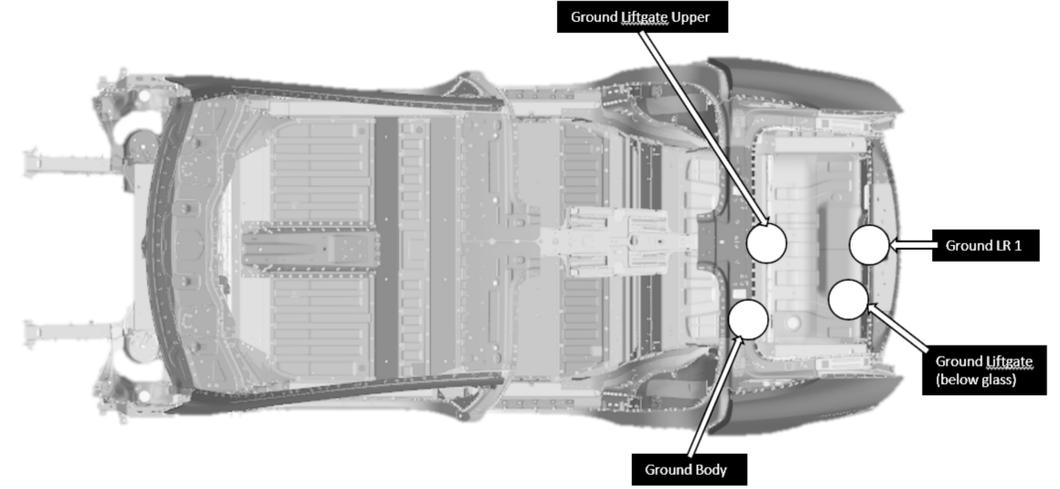
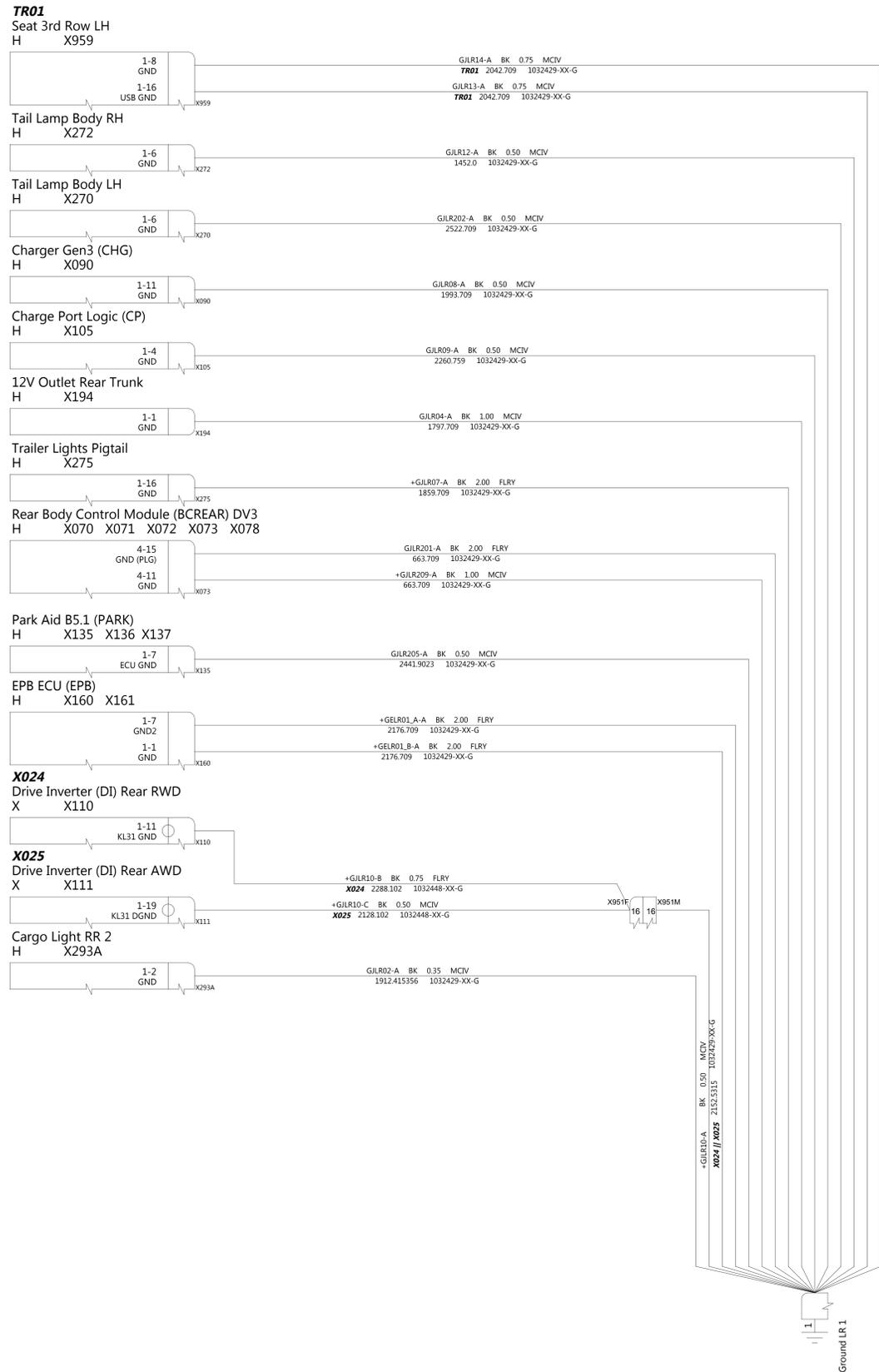
GND_FC2

Ground Lower B-Pillar

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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME Grounding - Rear Doors:1:Grounding Schematic Rear Doors - Rev2 Updated GNDs-Grounding - Rear Doors		
PART NUMBER	REV 1	SHEET 42 OF 71
		SIZE A0



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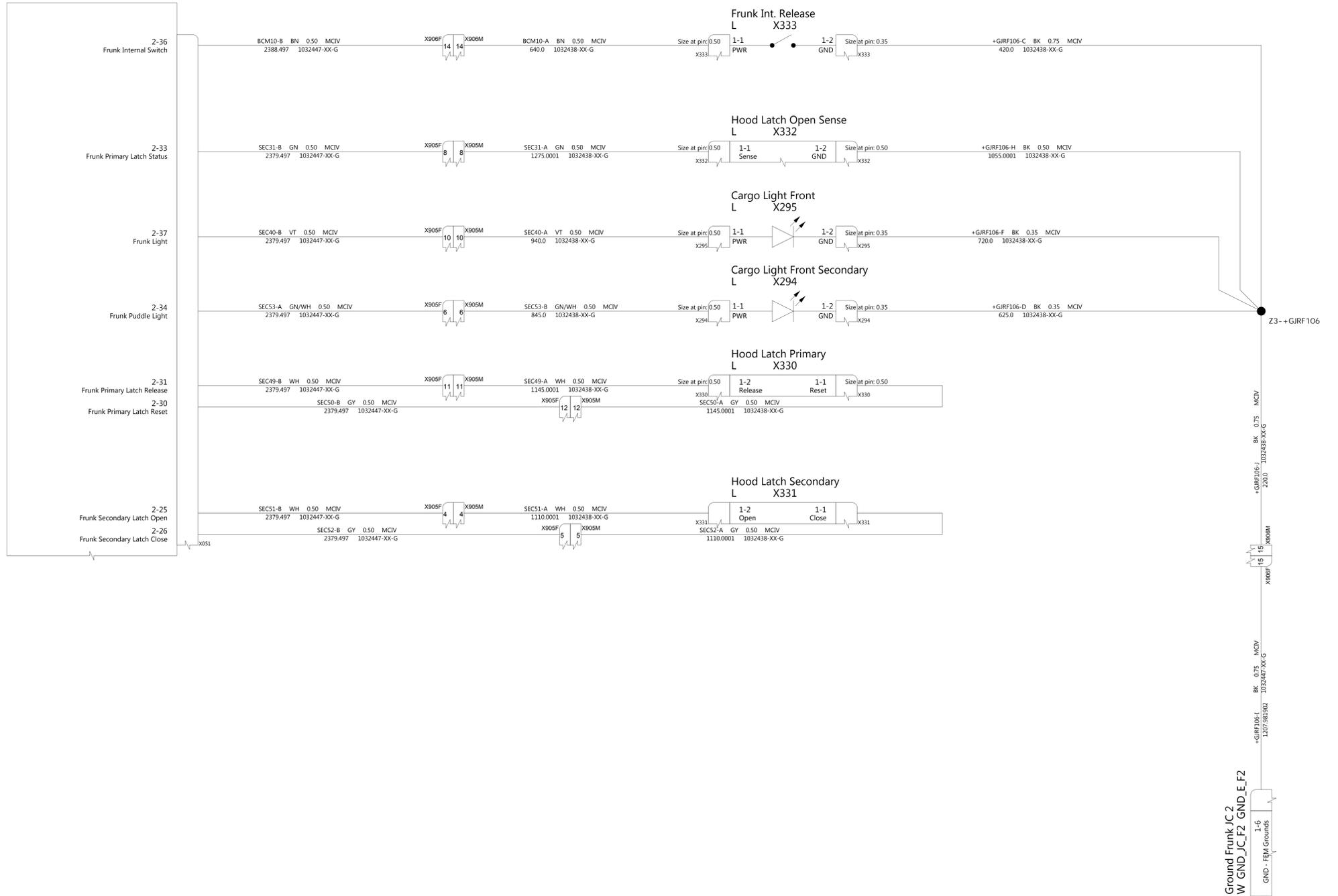
DRAWN CHECKED APPROVED

MATERIAL AS SPECIFIED FINISHING AS SPECIFIED SCALE NONE

PART NAME Grounding - Rear:1:Grounding Schematic Rear Corners and Liftgate - Rev2 Updated GNDs-Grounding - Rear

PART NUMBER REV SHEET SIZE
1 43 OF 71 A0

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



TESLA

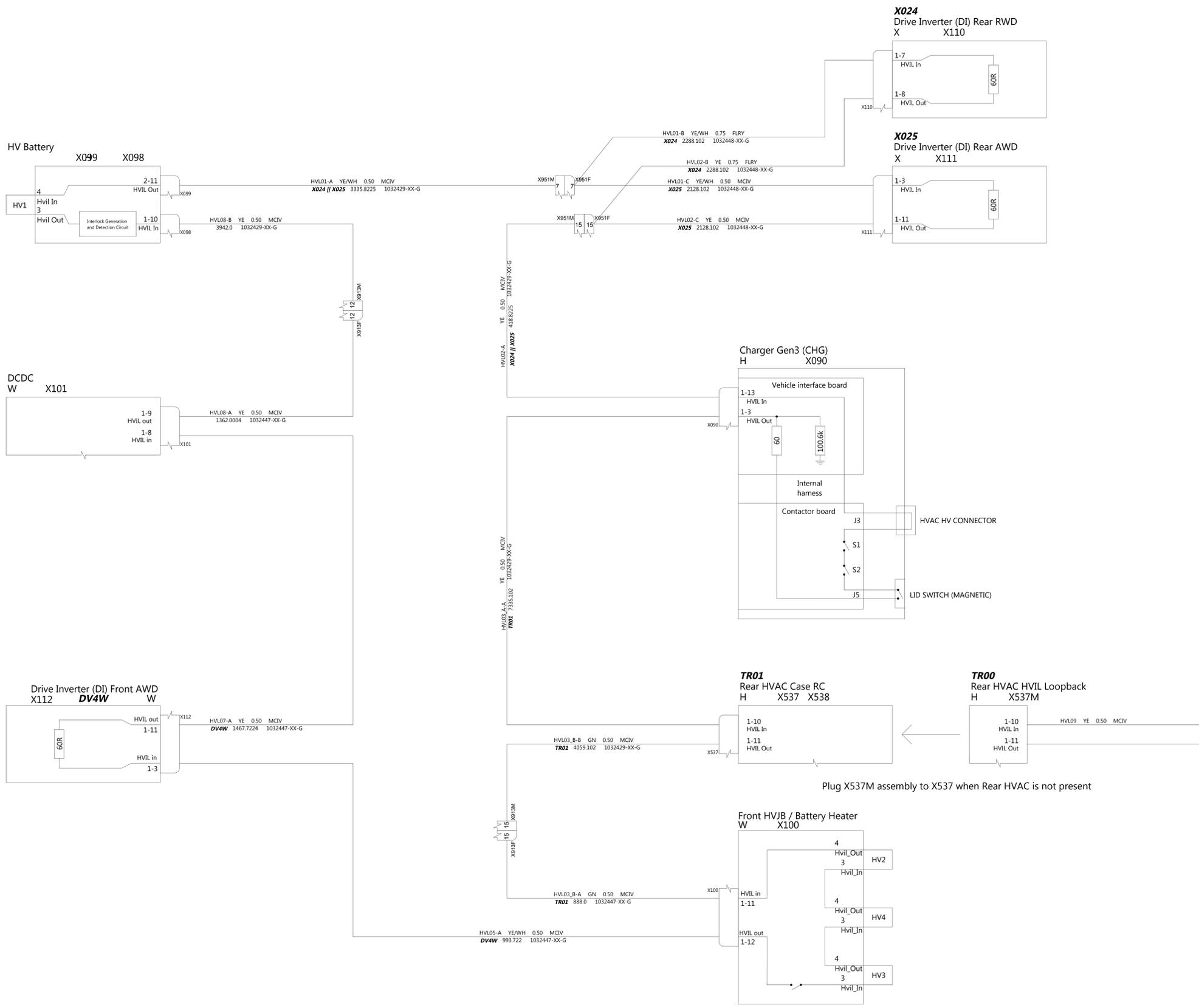
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DRAWN	CHECKED	APPROVED

MATERIAL	FINISHING	SCALE
AS SPECIFIED	AS SPECIFIED	NONE

PART NAME
Hatch Front Actuators/Sensors:2:Hatch Front Actuators / Sensors (DV2)-Hatch Front Actuators/Sensors

PART NUMBER	REV	SHEET	SIZE
	1	44 OF 71	A0



TESLA

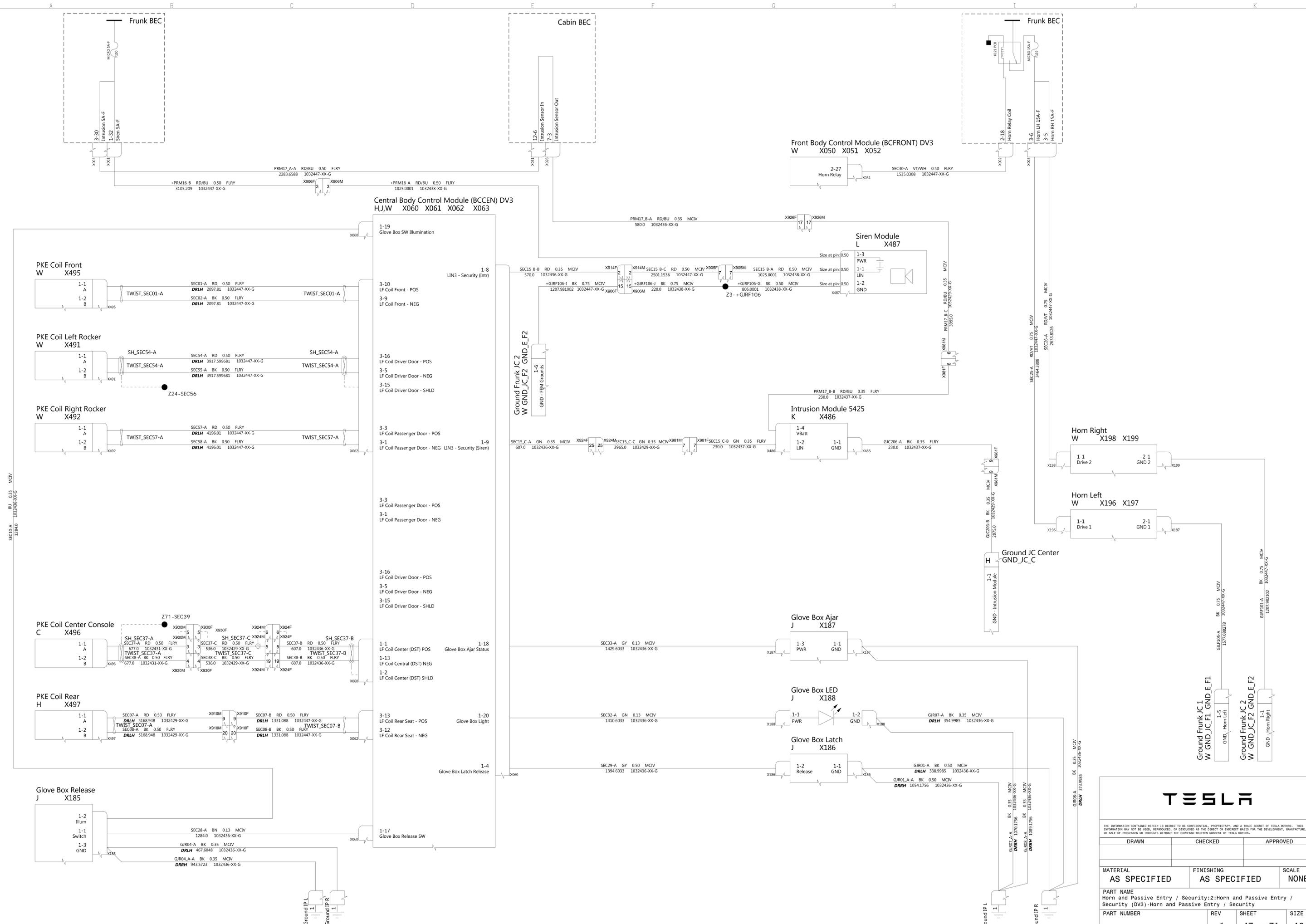
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DRAWN	CHECKED	APPROVED

MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
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PART NAME
High Voltage Interlock (HVIL):1:High Voltage Interlock (HVIL)-High Voltage Interlock (HVIL)

PART NUMBER	REV	SHEET	SIZE
	2	46 OF 71	A0



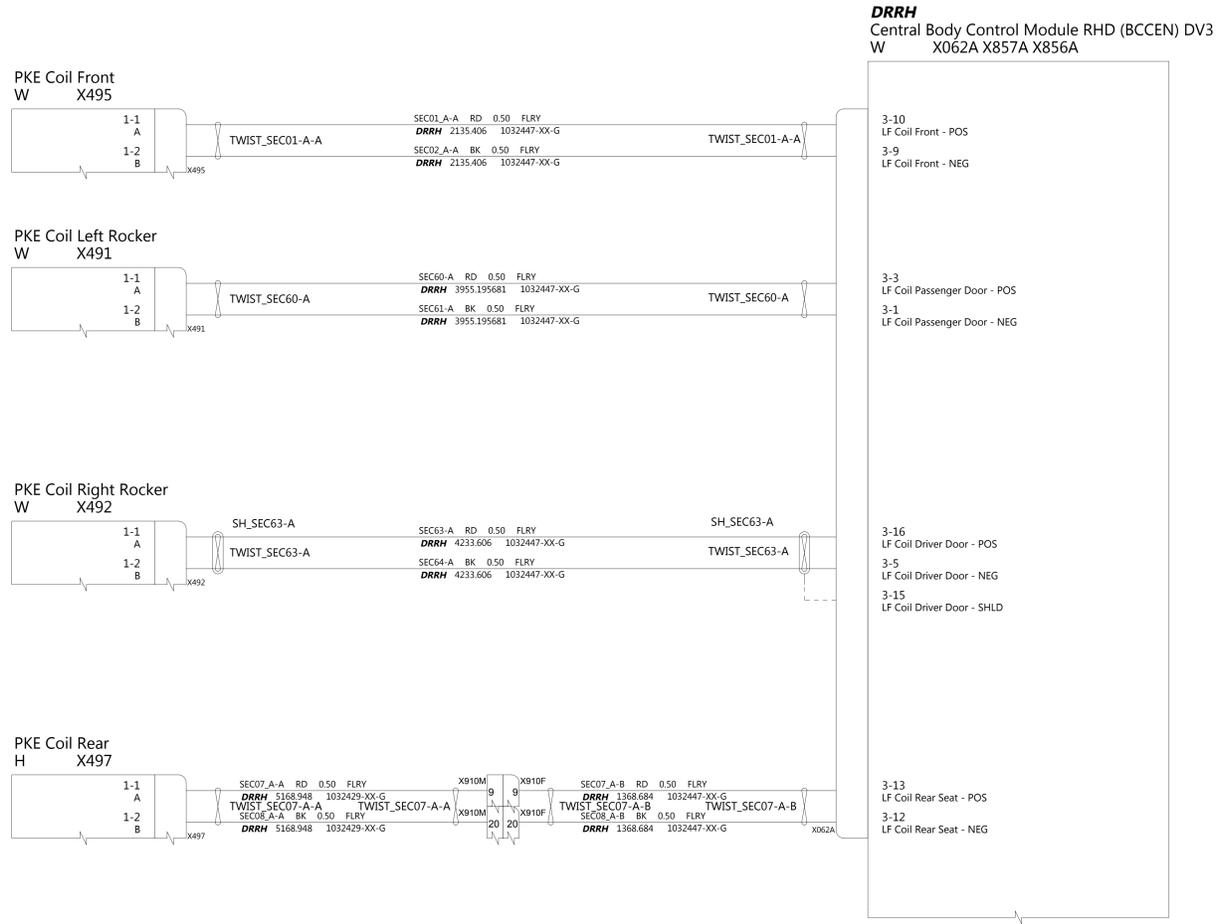
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DRAWN	CHECKED	APPROVED
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MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
--------------------------	---------------------------	---------------

PART NAME
Horn and Passive Entry / Security (DV3)-Horn and Passive Entry / Security

PART NUMBER	REV	SHEET	SIZE
	1	47 OF 71	A0



TESLA

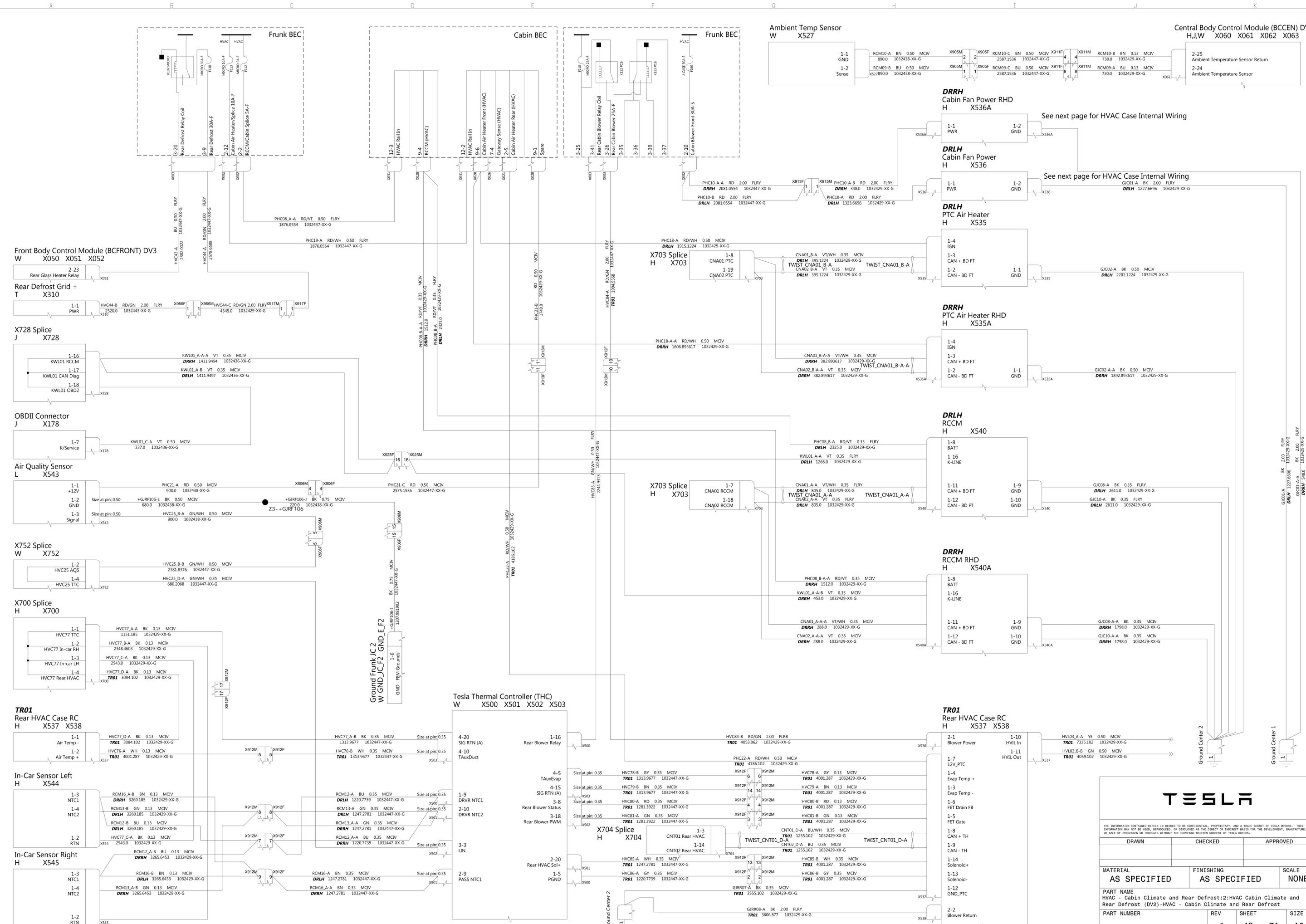
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DRAWN CHECKED APPROVED

MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
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PART NAME
Horn and Passive Entry / Security:2:Horn and Passive Entry / Security (DV3)-Horn and Passive Entry / Security p2

PART NUMBER	REV 1	SHEET 48 OF 71	SIZE A0
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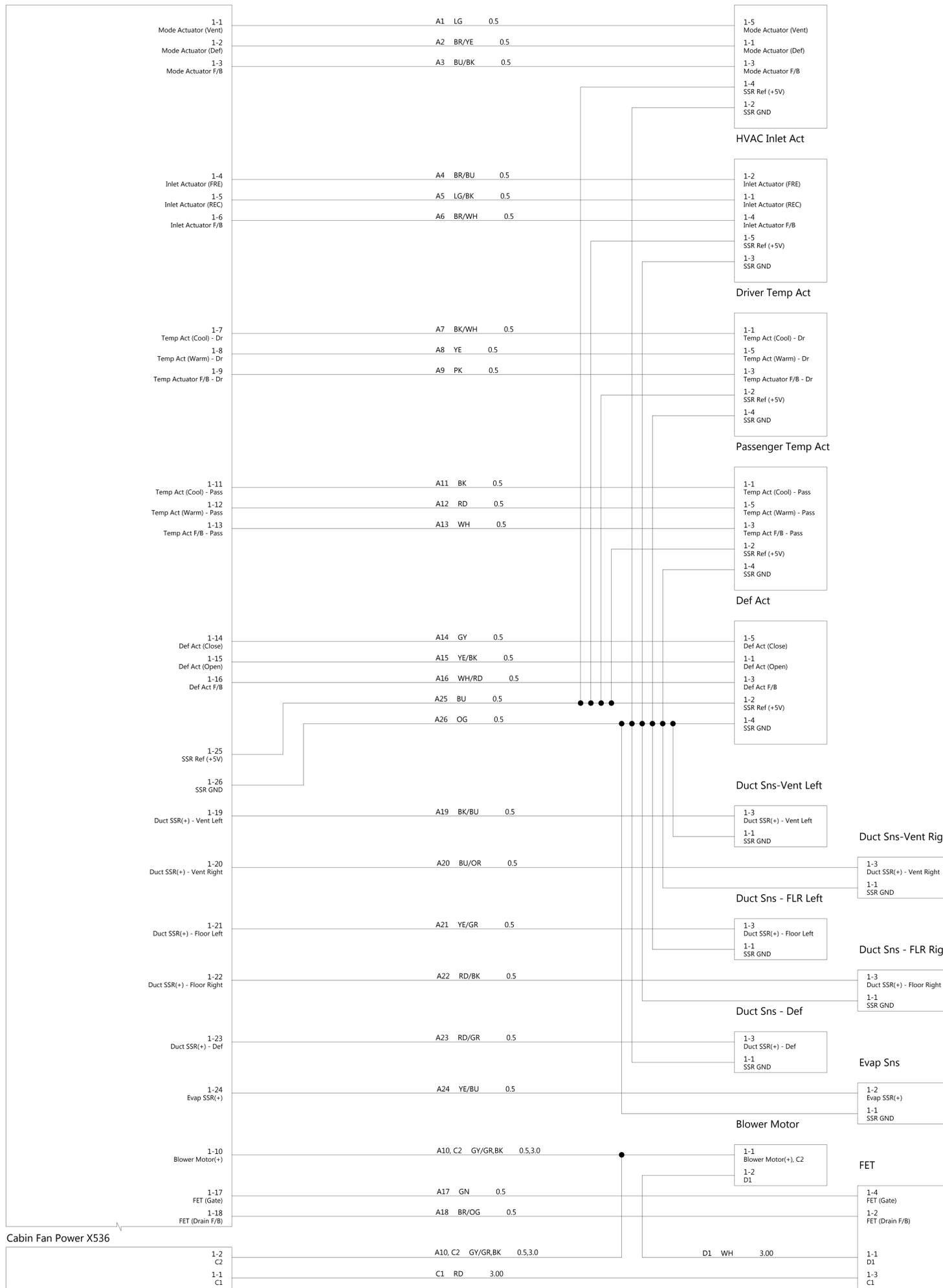
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DRAWN	CHECKED	APPROVED

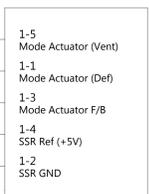
MATERIAL	FINISHING	SCALE
AS SPECIFIED	AS SPECIFIED	NONE

PART NAME	REV	SHEET	SIZE
HVAC - Cabin Climate and Rear Defrost:2:HVAC Cabin Climate and Rear Defrost (DV2) - HVAC - Cabin Climate and Rear Defrost	1	49 OF 71	A0

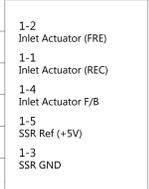
HVAC Case Internal Wiring



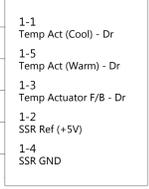
HVAC Mode Act



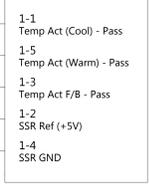
HVAC Inlet Act



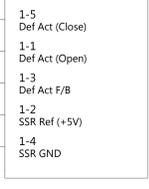
Driver Temp Act



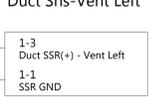
Passenger Temp Act



Def Act



Duct Sns-Vent Left



Duct Sns-Vent Right



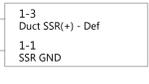
Duct Sns - FLR Left



Duct Sns - FLR Right



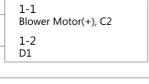
Duct Sns - Def



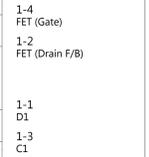
Evap Sns



Blower Motor



FET



Cabin Fan Power X536



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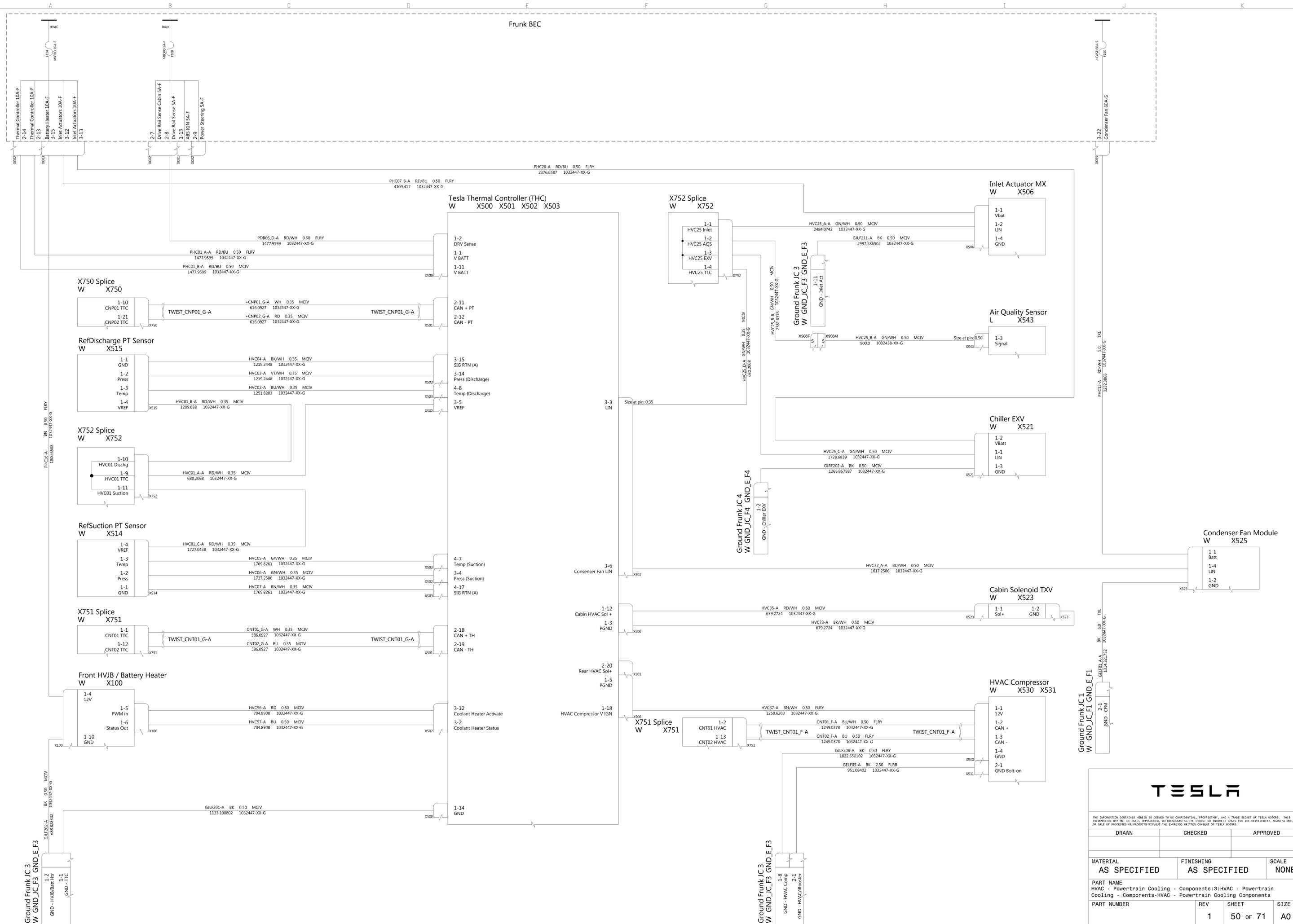
DRAWN	CHECKED	APPROVED
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MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
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PART NAME
HVAC - Cabin Climate and Rear Defrost P2

PART NUMBER	REV	SHEET	SIZE
	4	2 OF 2	A0

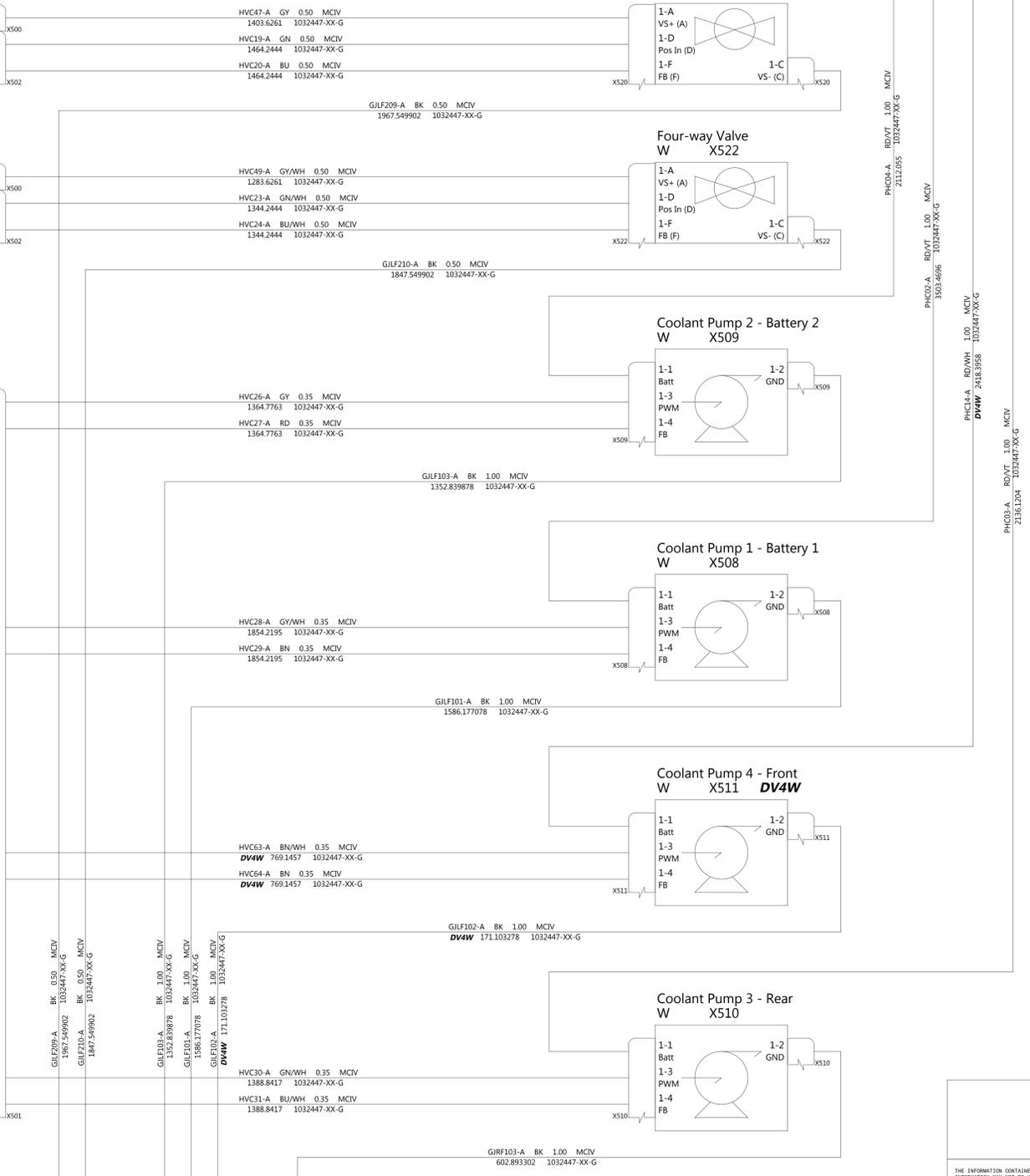
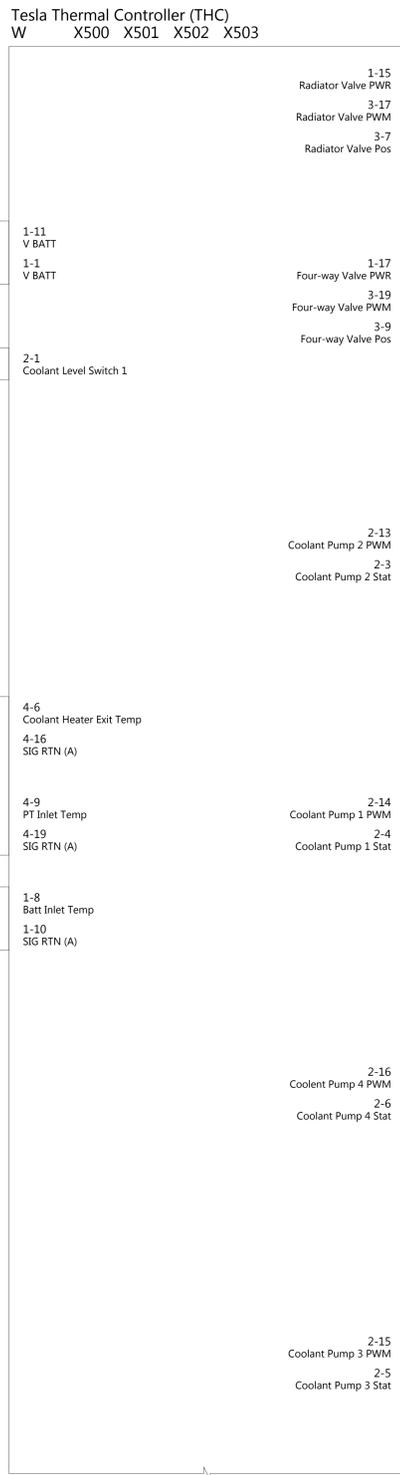
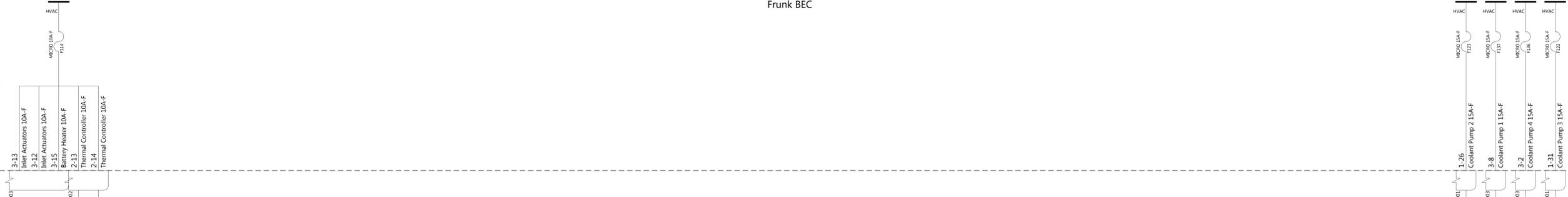
Frunk BEC



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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME HVAC - Powertrain Cooling - Components:3:HVAC - Powertrain Cooling - Components:HVAC - Powertrain Cooling Components		
PART NUMBER	REV	SHEET
	1	50 OF 71
		A0

Frunk BEC



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DRAWN	CHECKED	APPROVED
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MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
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PART NAME
 HVAC - Powertrain Cooling - Coolant Cycle:2:HVAC - Powertrain Cooling - Coolant Cycle-HVAC - Powertrain Cooling - Coolant Cycle

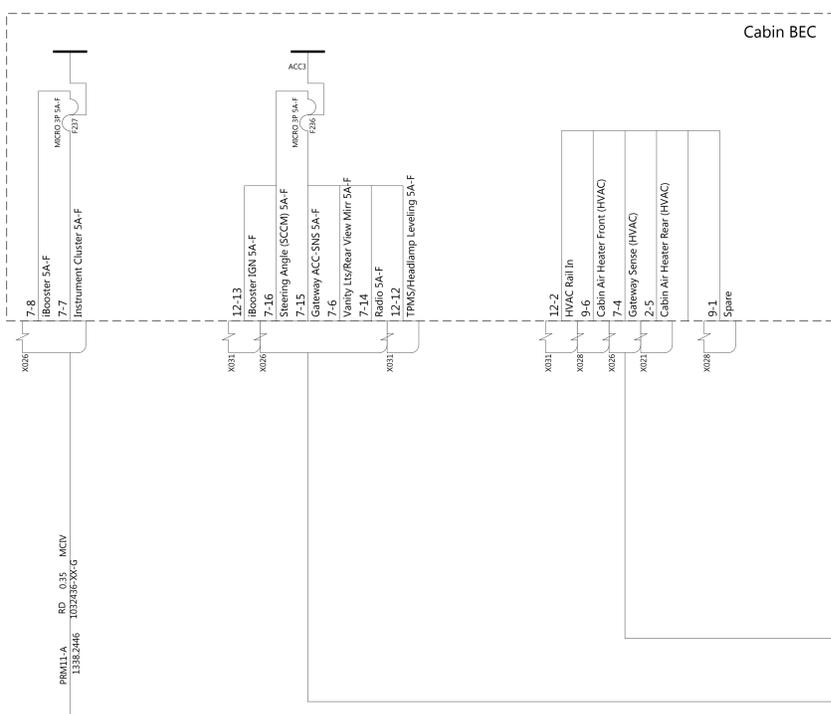
PART NUMBER	REV	SHEET	SIZE
	1	51 OF 71	A0

Ground Frunk JC 3
 W GND_JC_F3 GND_E_F3

Ground Frunk JC 3
 W GND_JC_F3 GND_E_F3

Ground Frunk JC 1
 W GND_JC_F1 GND_E_F1

Ground Frunk JC 2
 W GND_JC_F2 GND_E_F2



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

Battery Sensor
W X019

Instrument Cluster (IC)
J X177 X861

Center Display / Gateway E
J X170 X171 X173 X174 X175

X752 Splice
W X752

Homelink
L X485

X730 Splice
J X730

HSD Camera
T X867

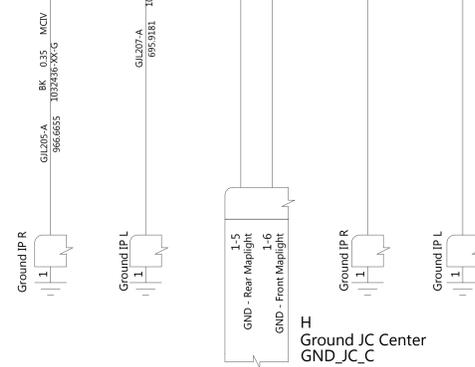
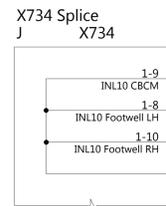
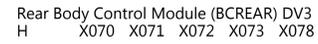
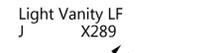
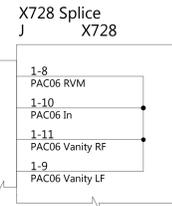
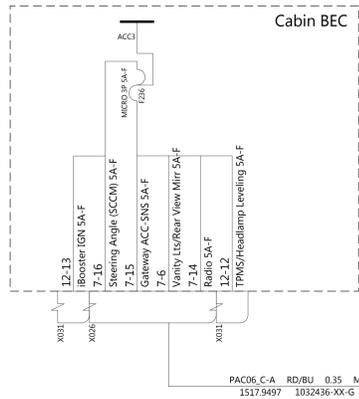
DA03
AutoPilot ECU 2.0 (DAS)
J X120A X890 X838 X837 X891 X801A X863 X878 X889 X899 X126

Rear View Mirror
V X129



GND_E F2 GND_IC F2 W
Ground Frunk J C

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



TESLA

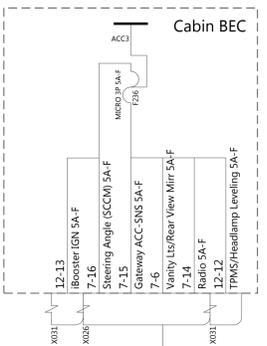
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DRAWN	CHECKED	APPROVED

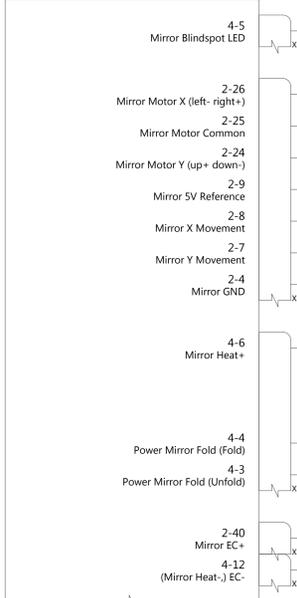
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
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PART NAME
Interior Illumination Maplights:Interior Illumination Maplights (DV2)-Interior Illumination Maplights

PART NUMBER	REV	SHEET	SIZE
	1	53 OF 71	A0



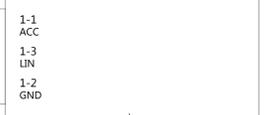
Door Control Module LF (BCFDM) DV3
D X360 X361 X362 X363



Mirror Side Left
D X374

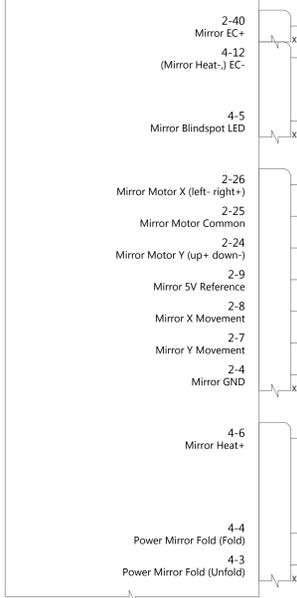


Rear View Mirror
V X129



EC dimming command via LIN from RVM to Gateway.
Then over Body CAN to Door Control Modules

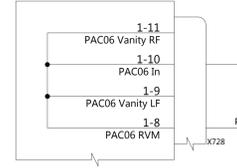
Door Control Module RF (BCFPM) DV3
P X390 X391 X392 X393



Mirror Side Right
P X404



X728 Splice
X728



Center Display / Gateway E
X170 X171 X173 X174 X175



Ground Lower B-Pillar



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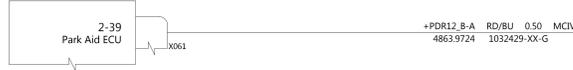
DRAWN	CHECKED	APPROVED
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MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
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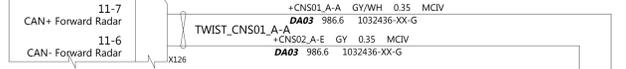
PART NAME
Mirrors - Center and Side:2:Mirrors - Center and Side (DV2
MCU1.5)-Mirrors - Center and Side

PART NUMBER	REV	SHEET	SIZE
	1	54 OF 71	A0

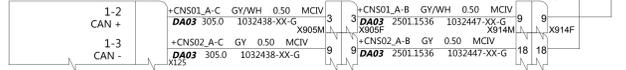
Central Body Control Module (BCCEN) DV3
H,J,W X060 X061 X062 X063 X824 X858 X857 X856



DA03
AutoPilot ECU 2.0 (DAS)
J X120A X890 X838 X837 X891 X801A X863 X878 X889 X899 X126



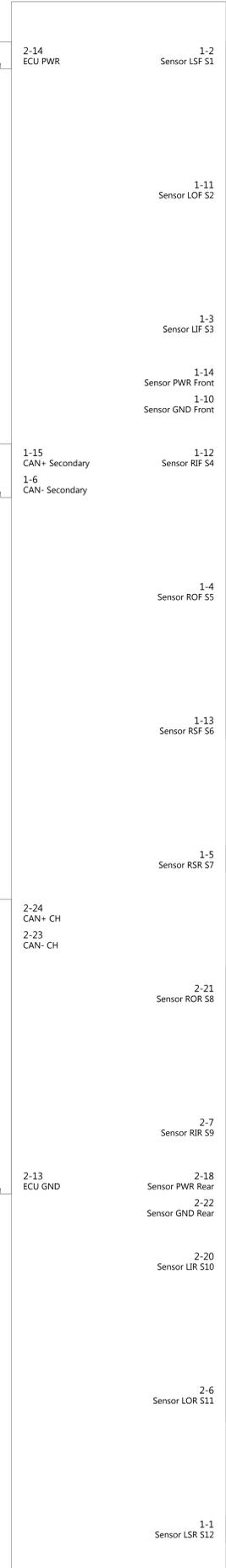
Radar Forward (RADC)
L X125



X706 Splice
H X706



Park Aid ECU Valeo (PARK)
H X130 X131



Park Aid Sensor LSF S1
F X133



Park Aid Sensor LOF S2
F X140



Park Aid Sensor LIF S3
F X141



Park Aid Sensor RIF S4
F X142



Park Aid Sensor ROF S5
F X143



Park Aid Sensor RSF S6
F X134



Park Aid Sensor RSR S7
G X139



Park Aid Sensor ROR S8
G X147



Park Aid Sensor RIR S9
G X146



Park Aid Sensor LIR S10
G X145



Park Aid Sensor LOR S11
G X144



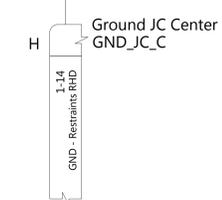
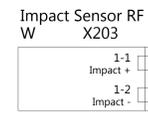
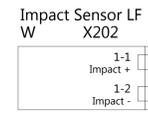
Park Aid Sensor LSR S12
G X138



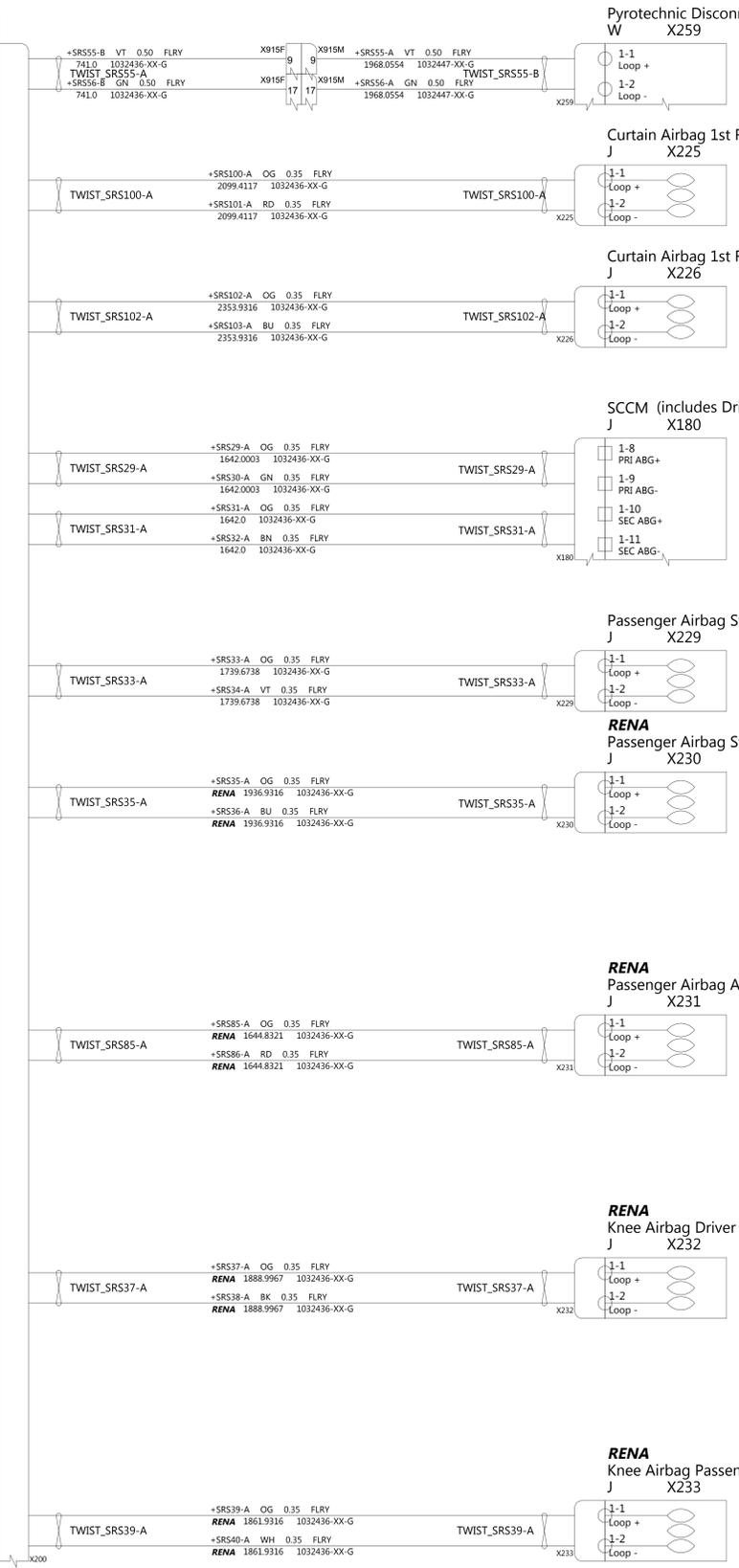
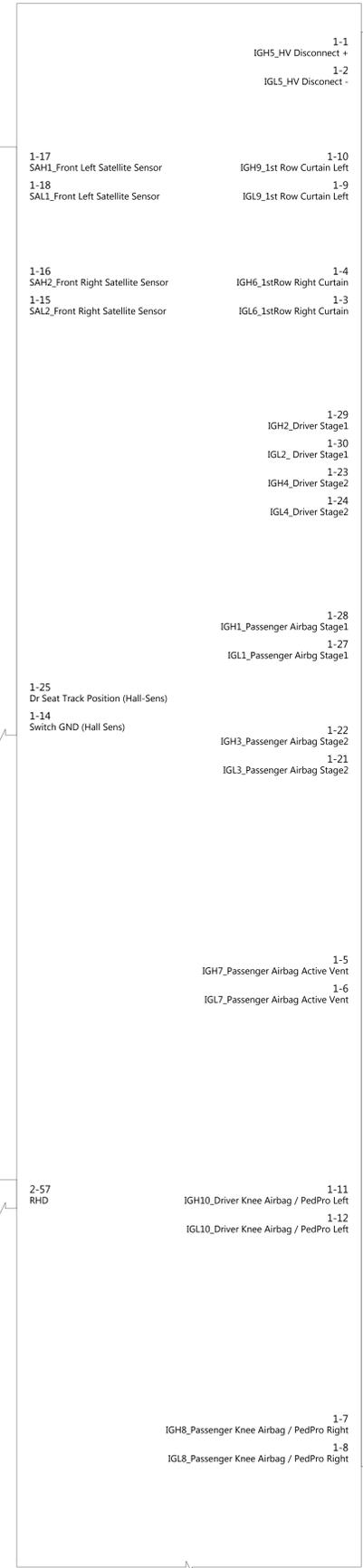
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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME Parking Aids - Valeo		
PART NUMBER	REV	SHEET
	4	1 OF 1
		SIZE A0



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

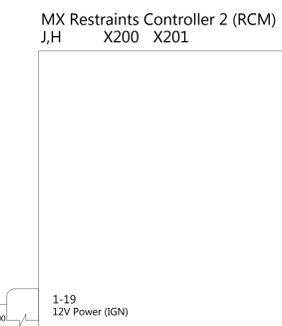
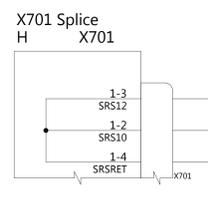
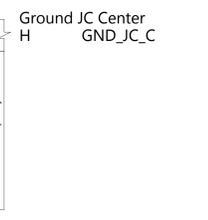
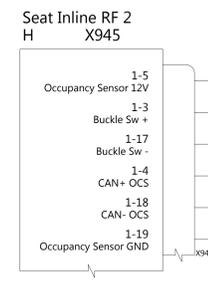
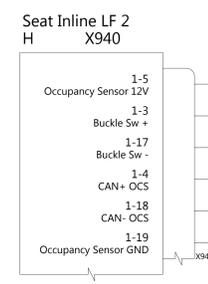
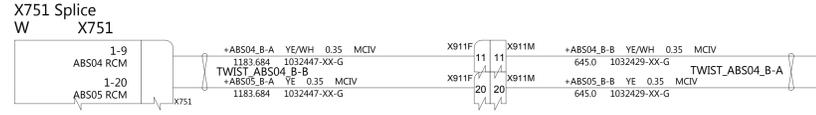
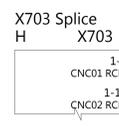
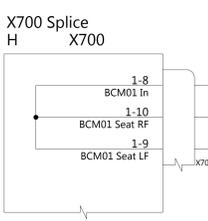
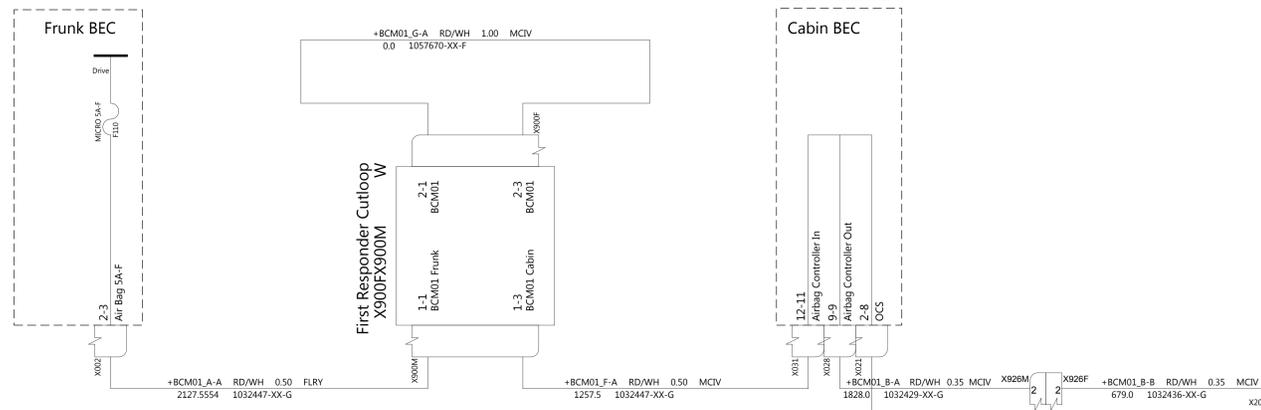


NOTE:
Items marked "Driver" and "Passenger" change sides of vehicle with driver seat for LHD and RHD
Items marked "Left" or "LH" and "Right" or "RH" remain on the same side of the vehicle regardless.

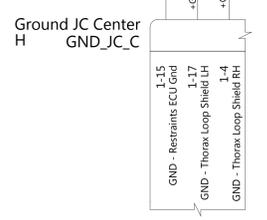
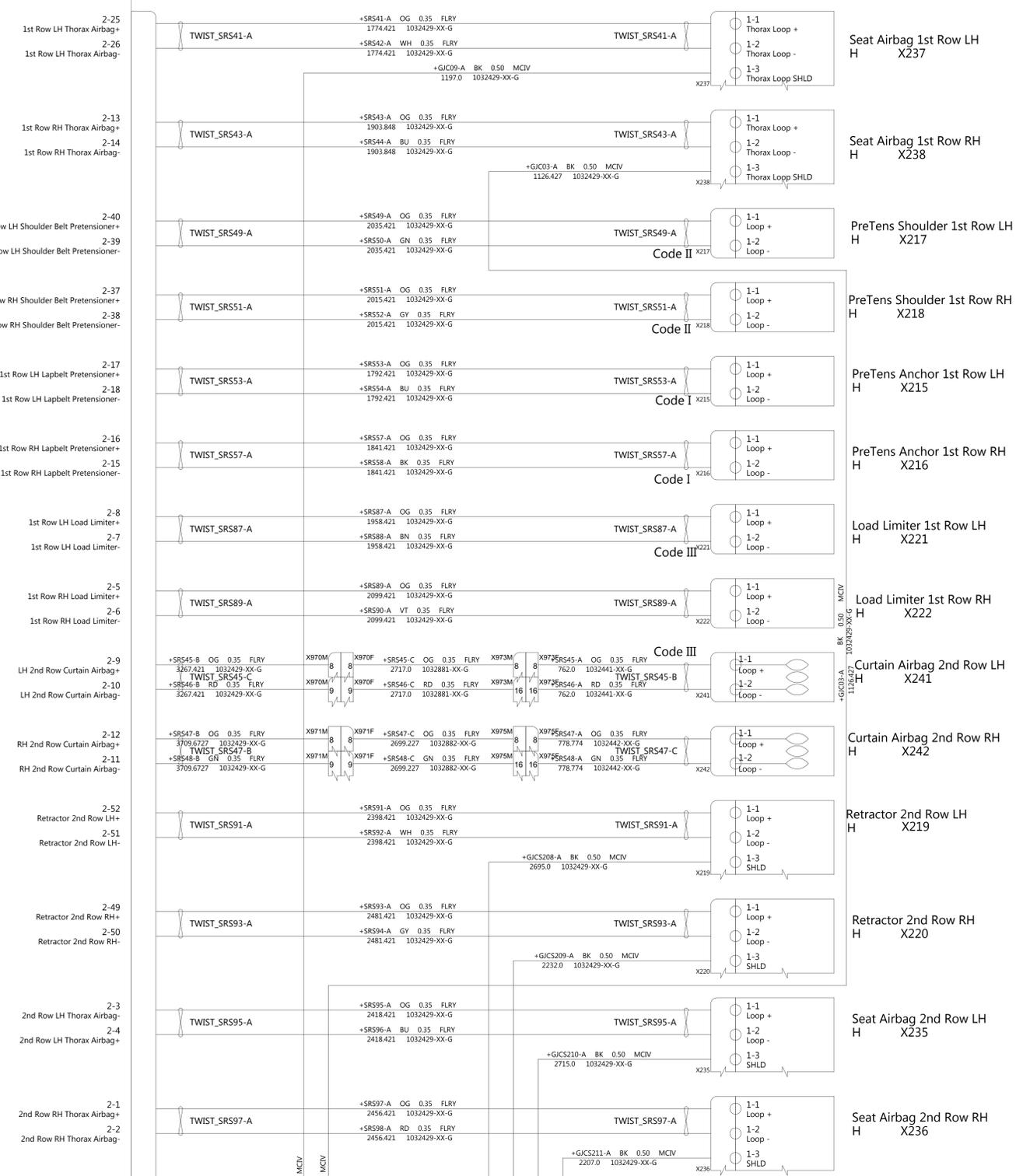


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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME Passive Restraints - IP and Front:2:Passive Restraints - IP and Front-Passive Restraints - IP and Front		
PART NUMBER	REV 2	SHEET 56 OF 71
		SIZE A0



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.



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DRAWN		CHECKED		APPROVED	
MATERIAL	AS SPECIFIED	FINISHING	AS SPECIFIED	SCALE	NONE
PART NAME Passive Restraints:2:Passive Restraints-Passive Restraints					
PART NUMBER	REV	SHEET	SIZE		
	1	57 OF 71	A0		

Side Impact Sensor LH Front Door
D X204



+SRS17-B YE 0.35 FLYR
2078.0 1032432-XX-G
TWIST_SRS17-B
2078.0 1032432-XX-G

X920 Inline
D, J X920F X920M



1-5 SRS17 2-5 SRS17
1-14 SRS18 2-14 SRS18
+SRS17-A YE 0.35 FLYR 1710.9497 1032436-XX-G
+SRS18-A VT 0.35 FLYR 1710.9497 1032436-XX-G



+SRS17-C YE 0.35 FLYR 767.0 1032429-XX-G
+SRS18-C VT 0.35 FLYR 767.0 1032429-XX-G

Side Impact Sensor RH Front Door
P X205



+SRS19-A YE 0.35 FLYR
2078.0 1032440-XX-G
TWIST_SRS19-A
2078.0 1032440-XX-G

X922 Inline
P, J X922F X922M



1-5 SRS19 2-5 SRS19
1-14 SRS20 2-14 SRS20
+SRS19-B YE 0.35 FLYR 1911.9316 1032436-XX-G
+SRS20-B WH 0.35 FLYR 1911.9316 1032436-XX-G



+SRS19-C YE 0.35 FLYR 767.0 1032429-XX-G
+SRS20-C WH 0.35 FLYR 767.0 1032429-XX-G

Side Impact Sensor RH B-pillar
H X207



TWIST_SRS21-A

+SRS21-A YE 0.35 FLYR 1919.421 1032429-XX-G
+SRS22-A BU 0.35 FLYR 1919.421 1032429-XX-G

2-19 LF Door Pressure Sensor+
2-20 LF Door Pressure Sensor-

Side Impact Sensor LH B-pillar
H X206



TWIST_SRS23-A

+SRS23-A YE 0.35 FLYR 1865.421 1032429-XX-G
+SRS24-A GN 0.35 FLYR 1865.421 1032429-XX-G

2-22 RF Door Pressure Sensor+
2-21 RF Door Pressure Sensor-

Side Impact Sensor LH C-pillar
H X208



TWIST_SRS25-A

+SRS25-A YE 0.35 FLYR 3642.421 1032429-XX-G
+SRS26-A RD 0.35 FLYR 3642.421 1032429-XX-G

2-44 RH B-Pillar Impact Sensor+
2-43 RH B-Pillar Impact Sensor-

Side Impact Sensor RH C-pillar
H X209



TWIST_SRS27-A

+SRS27-A YE 0.35 FLYR 3691.421 1032429-XX-G
+SRS28-A GY 0.35 FLYR 3691.421 1032429-XX-G

2-45 LH B-Pillar Impact Sensor+
2-46 LH B-Pillar Impact Sensor-

Side Impact Sensor LH D-Pillar
H X213

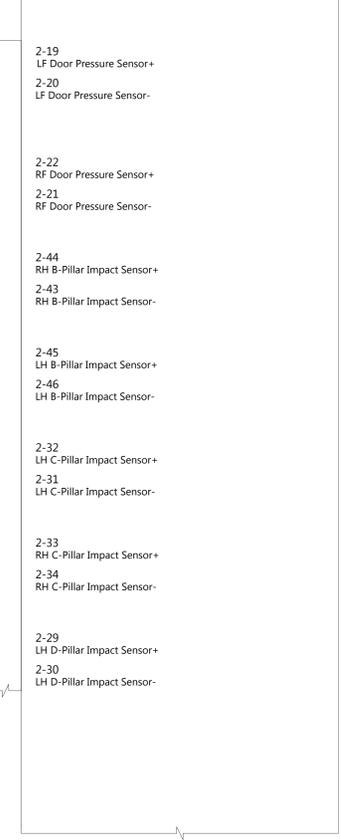


TWIST_SRS81-A

+SRS81-A YE 0.35 FLYR 4426.8934 1032429-XX-G
+SRS82-A BU 0.35 FLYR 4426.8934 1032429-XX-G

2-32 LH C-Pillar Impact Sensor+
2-31 LH C-Pillar Impact Sensor-

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



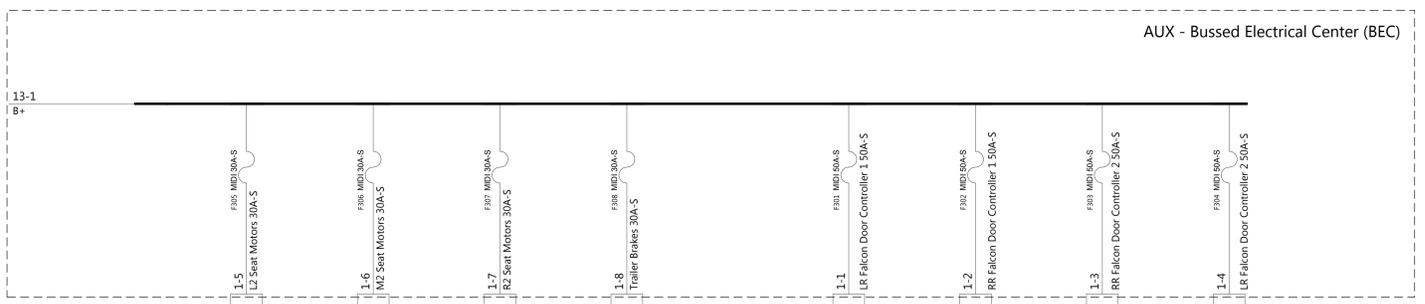
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DRAWN	CHECKED	APPROVED

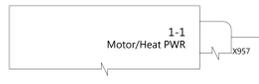
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
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PART NAME
Passive Restraints:2:Passive Restraints-Passive Restraints p2

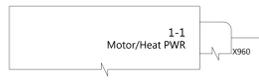
PART NUMBER	REV	SHEET	SIZE
	1	58 OF 71	A0



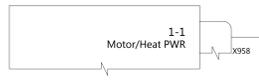
Seat 2nd Row LH
H X957



Seat 2nd Row CEN
H X960



Seat 2nd Row RH
H X958



Trailer Lights Pigtail
H X275



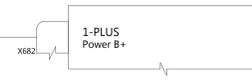
Falcon Controller Front
H X680 X684 X670 X671 X672 X673 X681



Falcon Controller Rear
H X682 X685 X674 X675 X676 X677 X683



Falcon Controller Rear
H X682 X685 X674 X675 X676 X677 X683



Falcon Controller Front
H X680 X684 X670X671 X672 X673 X681



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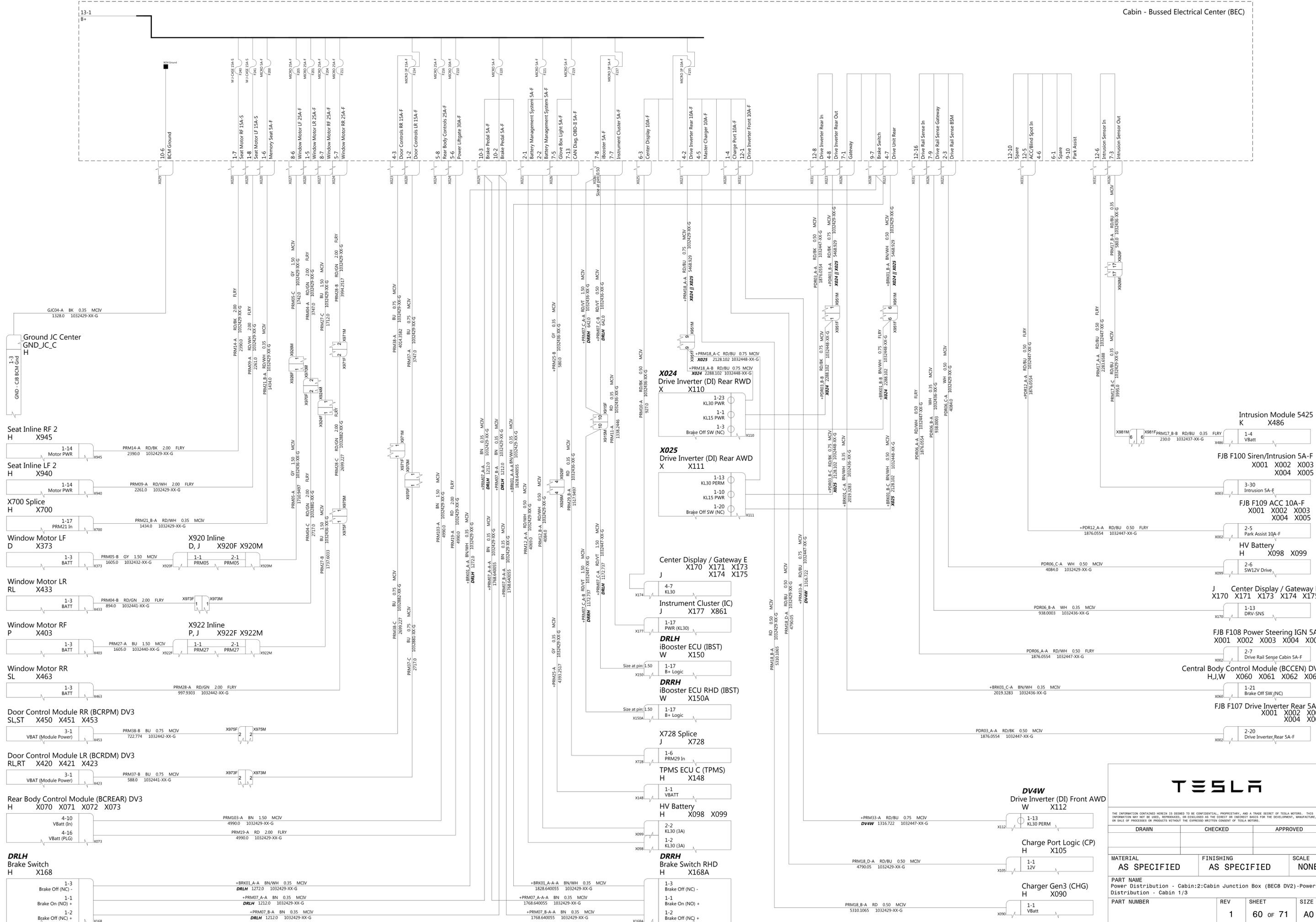
DRAWN	CHECKED	APPROVED

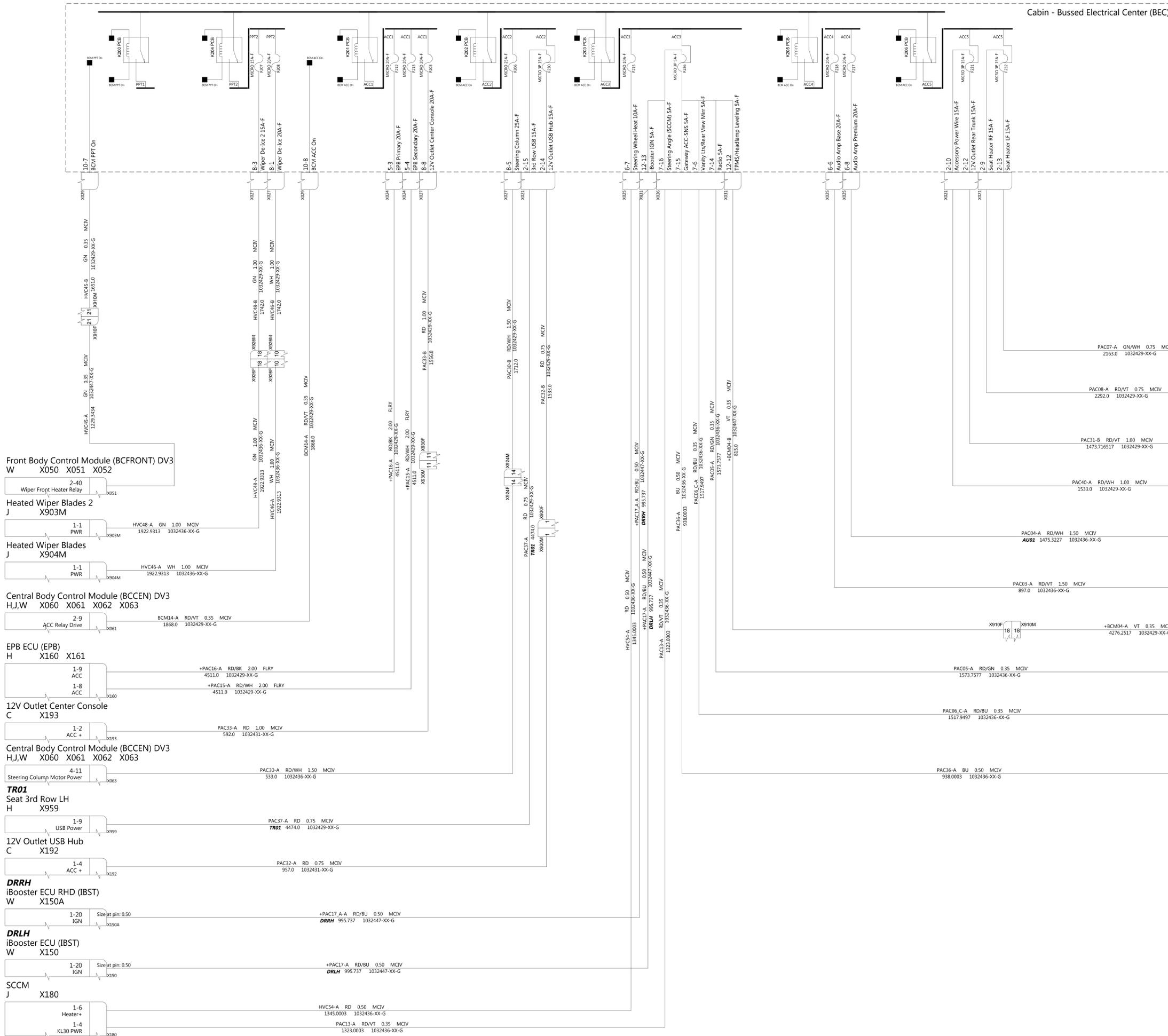
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
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PART NAME
Power Distribution - Aux:1:Aux Fuse Box-Power Distribution - Aux

PART NUMBER	REV	SHEET	SIZE
	1	59 OF 71	A0

Cabin - Bussed Electrical Center (BEC)





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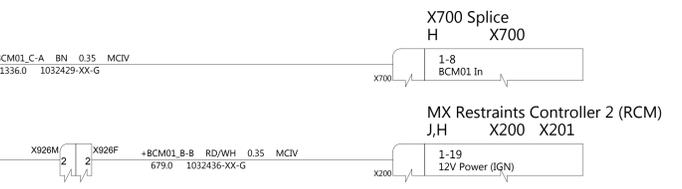
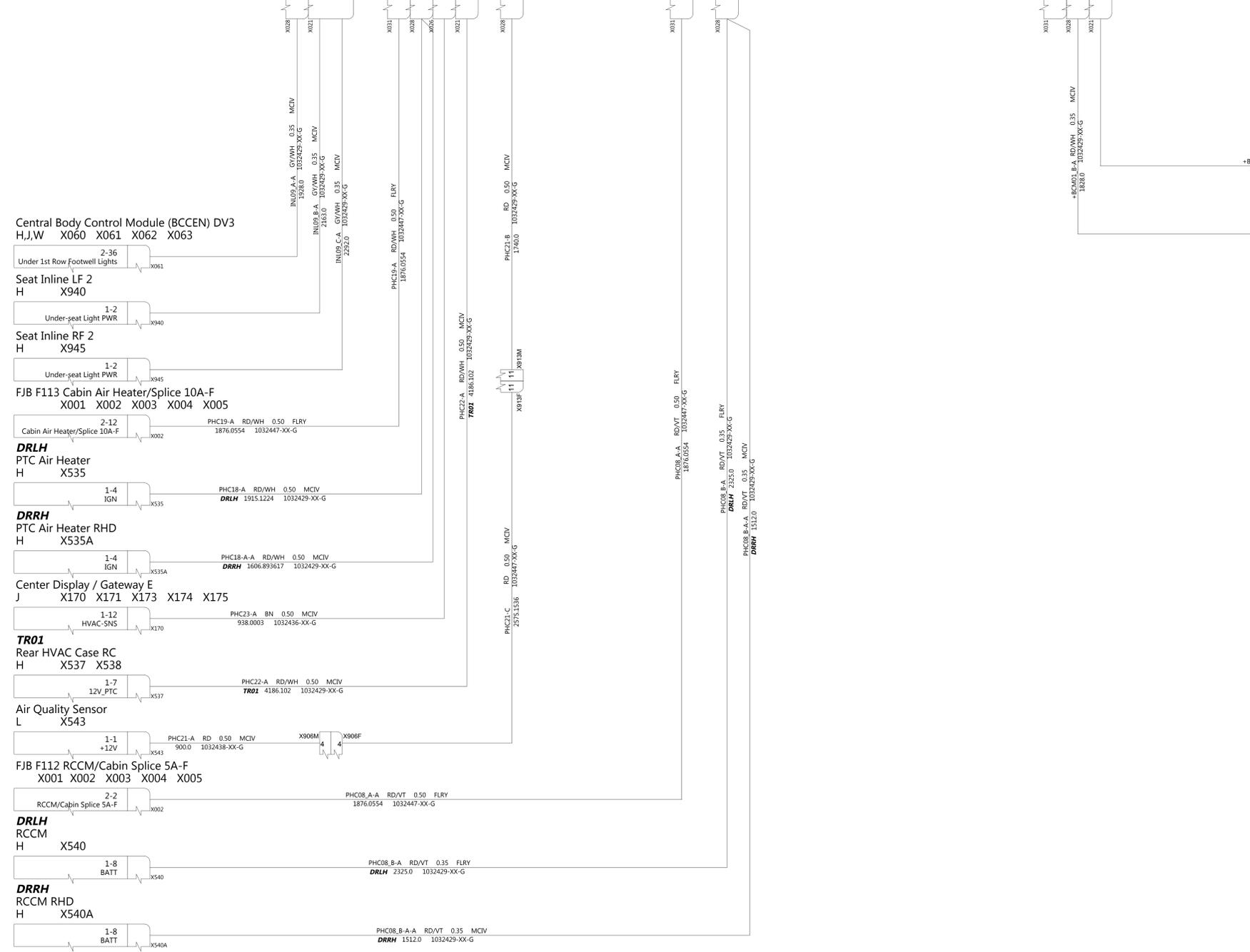
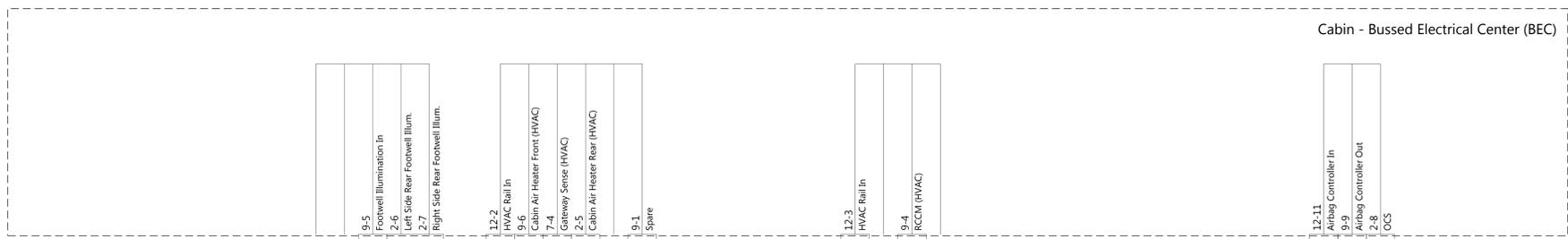
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DRAWN	CHECKED	APPROVED

MATERIAL	FINISHING	SCALE
AS SPECIFIED	AS SPECIFIED	NONE

PART NAME
Power Distribution - Cabin:2:Cabin Junction Box (BEC8 DV2)-Power Distribution - Cabin 2/3

PART NUMBER	REV	SHEET	SIZE
	1	61 OF 71	A0



TESLA

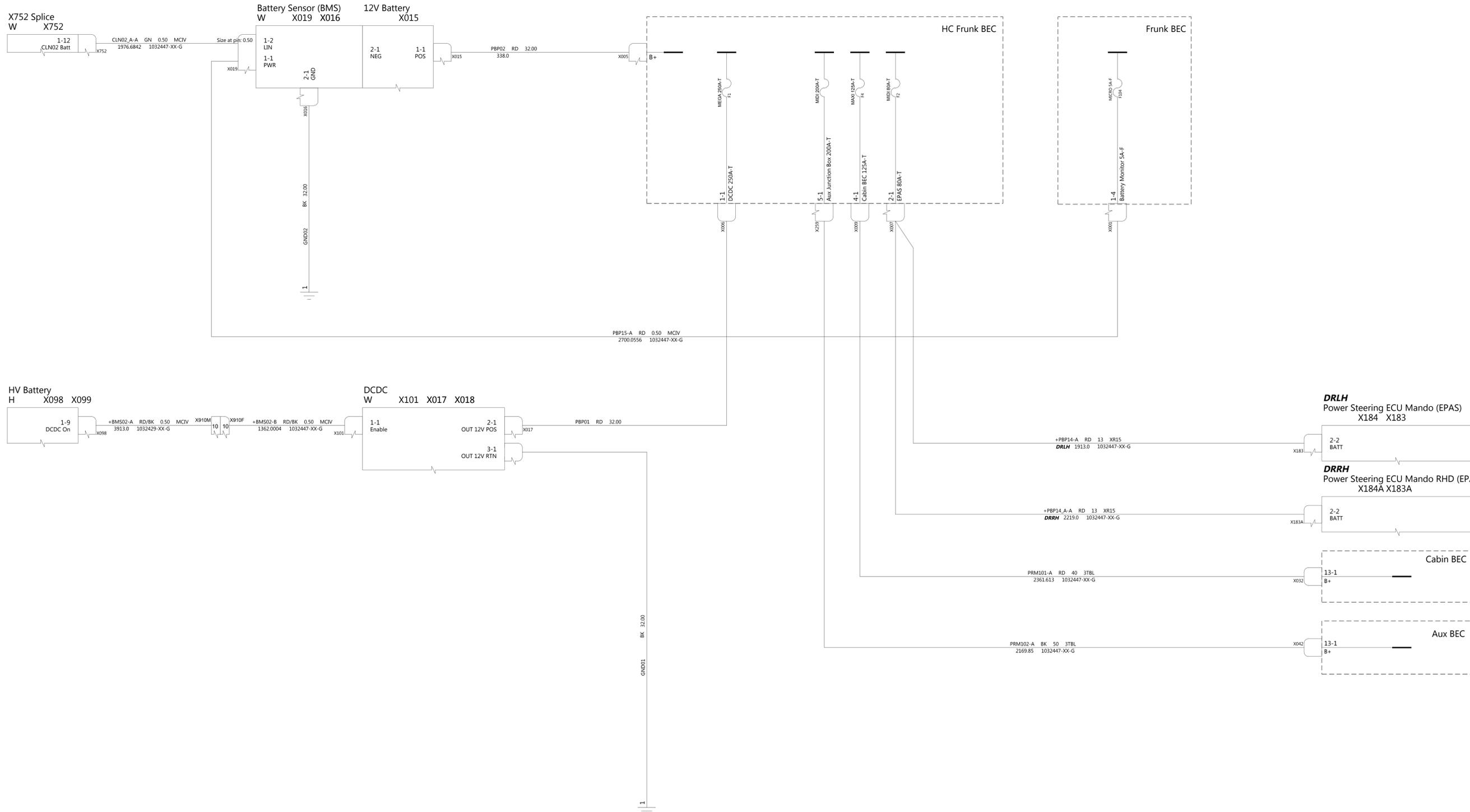
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DRAWN	CHECKED	APPROVED

MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
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PART NAME
Power Distribution - Cabin:2:Cabin Junction Box (BEC8 DV2)-Power Distribution - Cabin 3/3

PART NUMBER	REV	SHEET	SIZE
	1	62 OF 71	A0



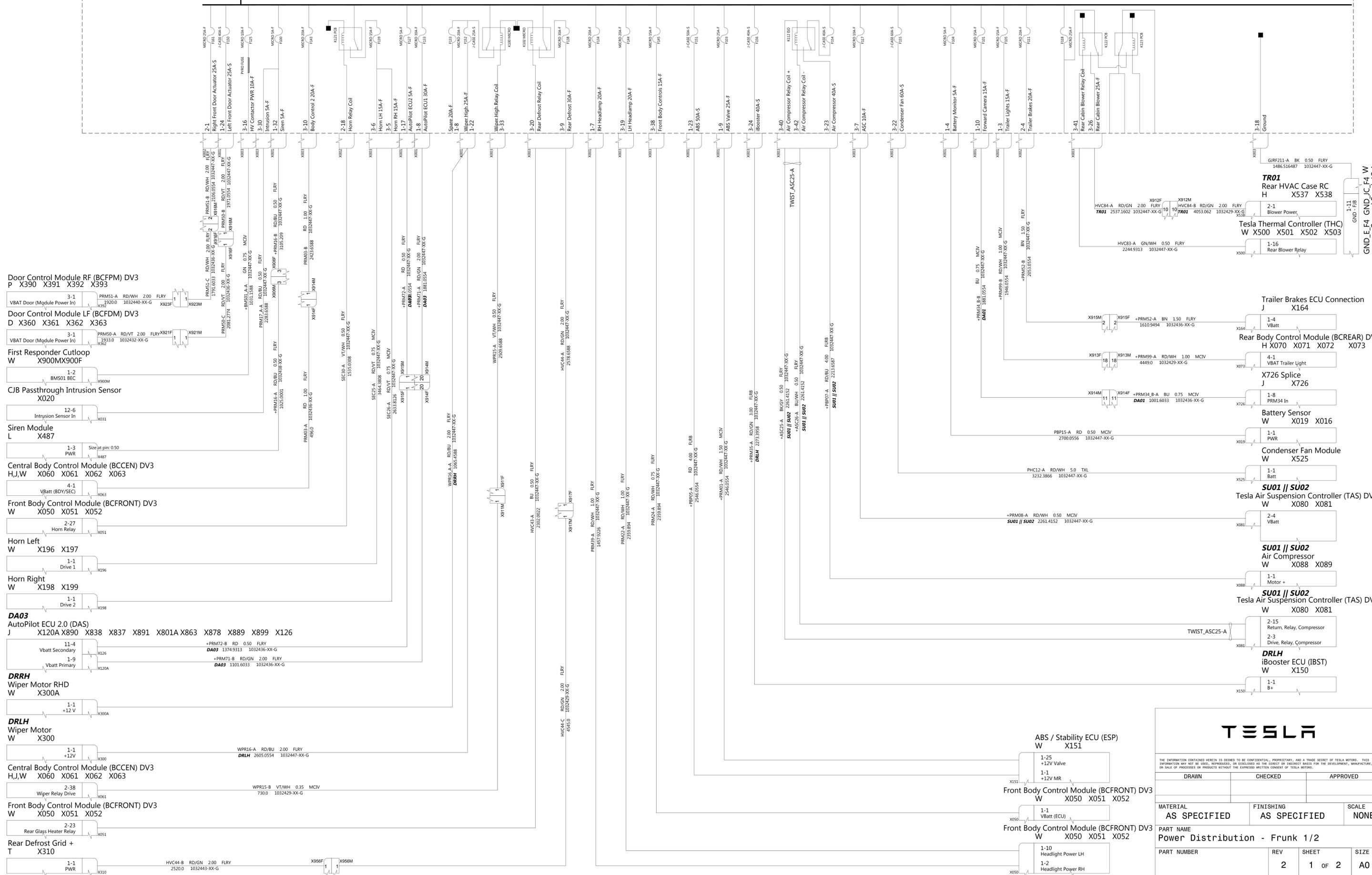
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DRAWN	CHECKED	APPROVED

MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
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PART NAME
Power Distribution - Front Pre-Fuse:1-Power Distribution - Front Pre-Fuse

PART NUMBER	REV	SHEET	SIZE
	1	63 OF 71	A0



Door Control Module RF (BCFPM) DV3

Door Control Module LF (BCFDM) DV3

First Responder Cutloop W

CJB Passthrough Intrusion Sensor X020

Siren Module L X487

Central Body Control Module (BCCEN) DV3

Front Body Control Module (BCFRONT) DV3

Horn Left W X196 X197

Horn Right W X198 X199

DA03 AutoPilot ECU 2.0 (DAS)

DRRH Wiper Motor RHD W X300A

DRLH Wiper Motor W X300

Central Body Control Module (BCCEN) DV3

Front Body Control Module (BCFRONT) DV3

Rear Defrost Grid + T X310

ABS / Stability ECU (ESP) W X151

Front Body Control Module (BCFRONT) DV3

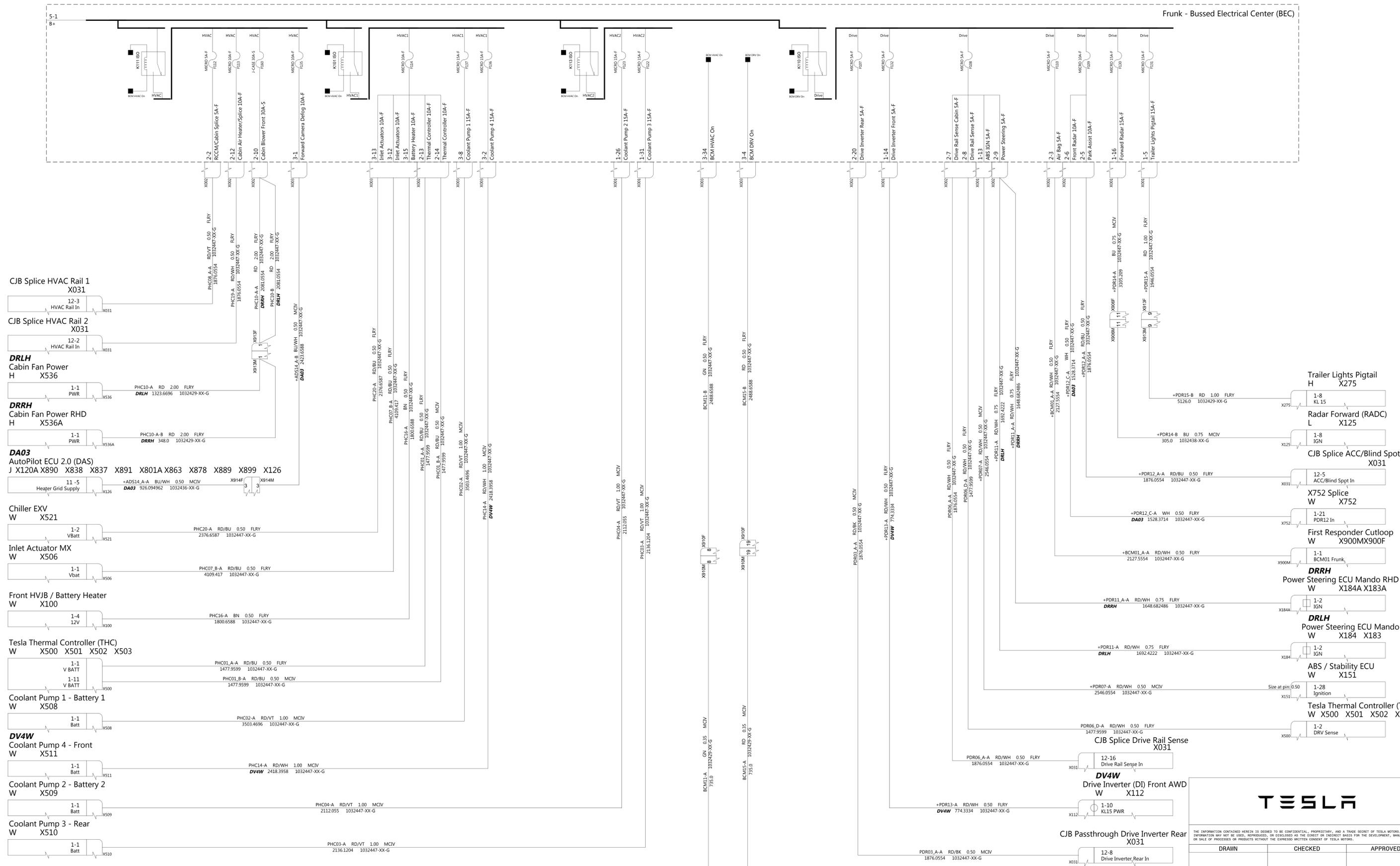
Front Body Control Module (BCFRONT) DV3



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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	SHEET
	2	1 OF 2
		SIZE A0

Frunk - Bussed Electrical Center (BEC)



- CJB Splice HVAC Rail 1 X031
- CJB Splice HVAC Rail 2 X031
- DRLH** Cabin Fan Power H X536
- DRRH** Cabin Fan Power RHD H X536A
- DA03** AutoPilot ECU 2.0 (DAS) J X120A X890 X838 X877 X891 X801A X863 X878 X889 X126
- Heater Grid Supply
- Chiller EXV W X521
- Inlet Actuator MX W X506
- Front HVJB / Battery Heater W X100
- Tesla Thermal Controller (THC) W X500 X501 X502 X503
- Coolant Pump 1 - Battery 1 W X508
- DV4W** Coolant Pump 4 - Front W X511
- Coolant Pump 2 - Battery 2 W X509
- Coolant Pump 3 - Rear W X510

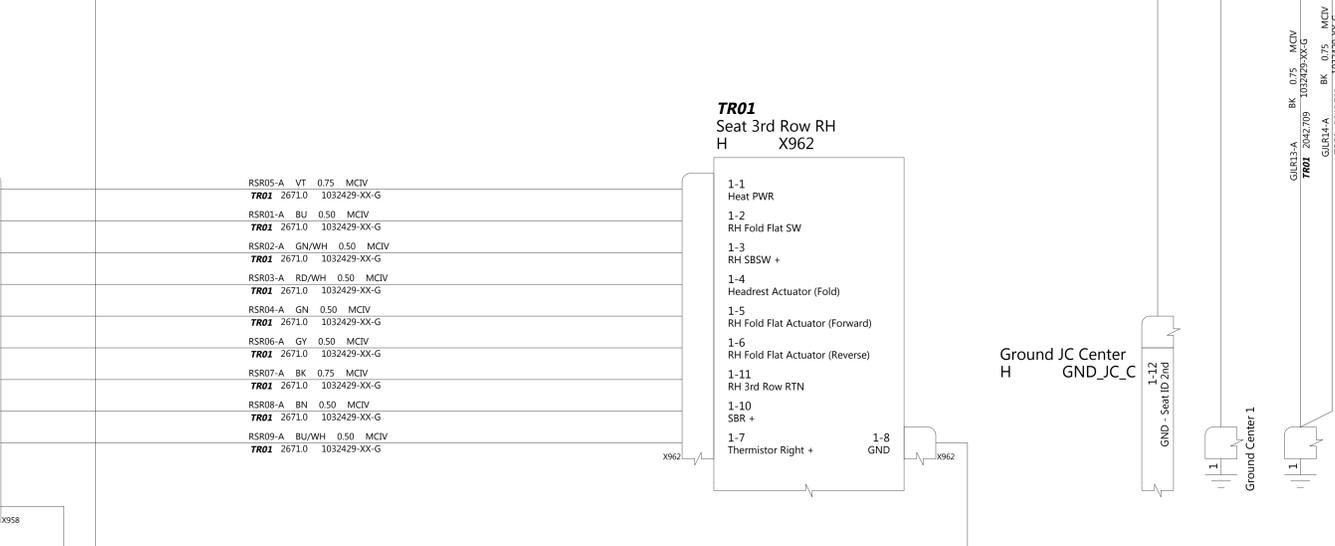
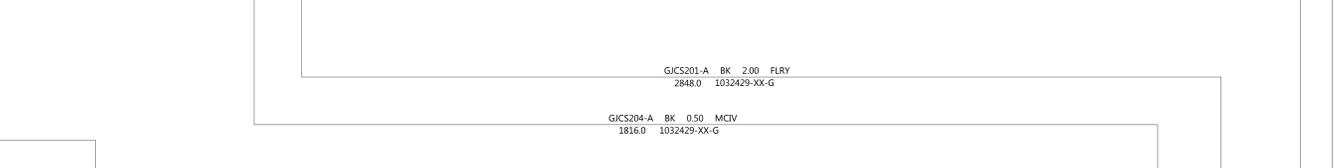
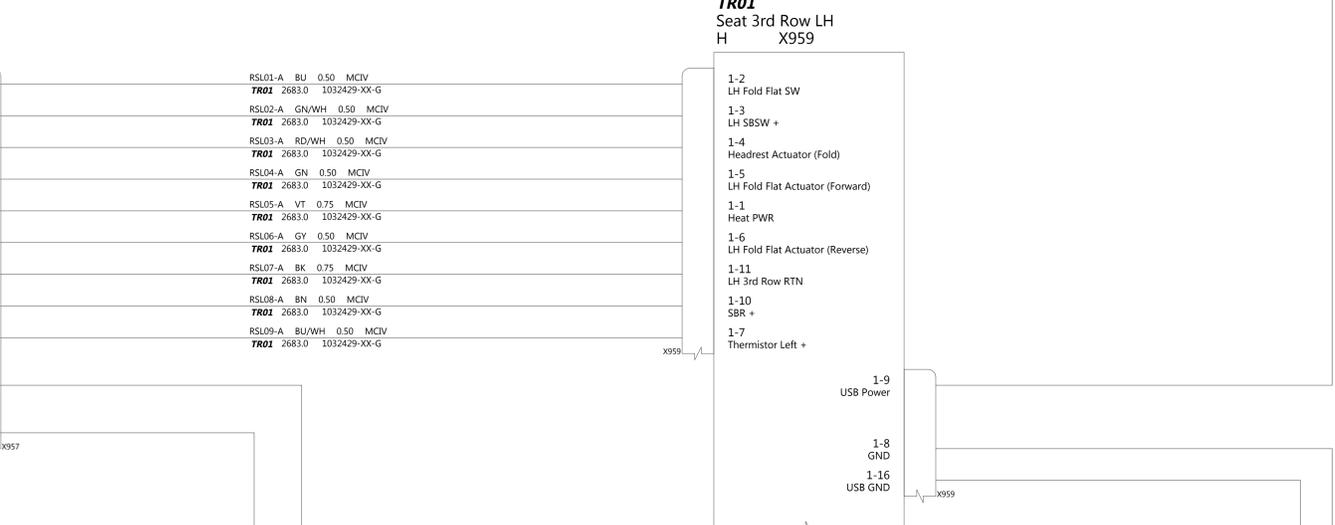
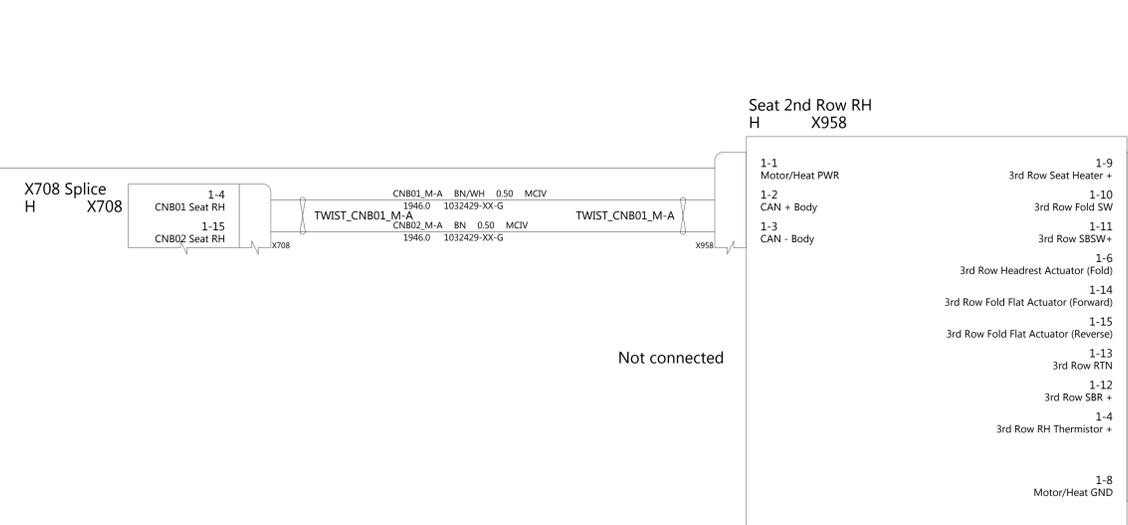
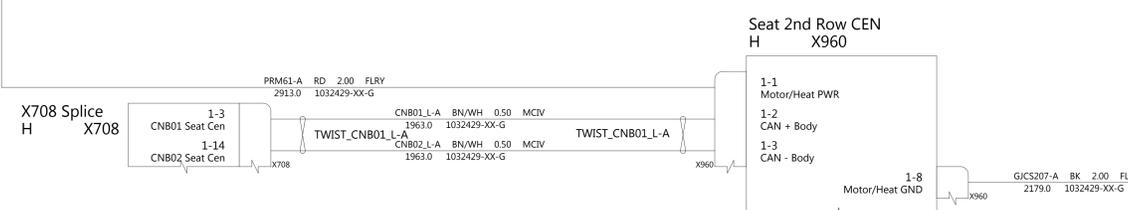
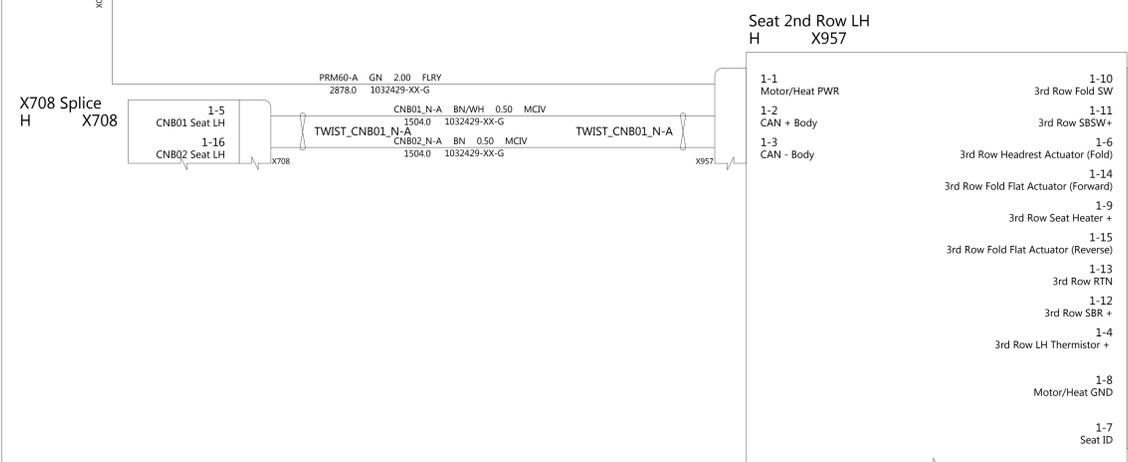
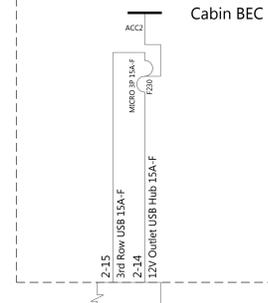
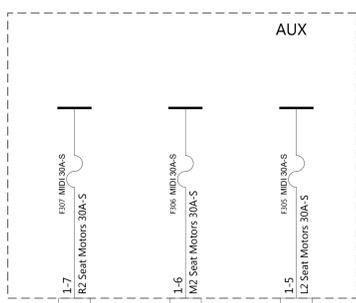
- Trailer Lights Pigtail H X275
- Radar Forward (RADC) L X125
- CJB Splice ACC/Blind Spot X031
- X752 Splice W X752
- First Responder Outloop W X900MX900F
- DRRH** Power Steering ECU Mando RHD (EPAS) W X184A X183A
- DRLH** Power Steering ECU Mando (EPAS) W X184 X183
- ABS / Stability ECU W X151
- Tesla Thermal Controller (THC) W X500 X501 X502 X503

- CJB Splice Drive Rail Sense X031
- DV4W** Drive Inverter (DI) Front AWD W X112
- CJB Passthrough Drive Inverter Rear X031
- Central Body Control Module (BCCEN) DV3 H,J,W X060 X061 X062 X063



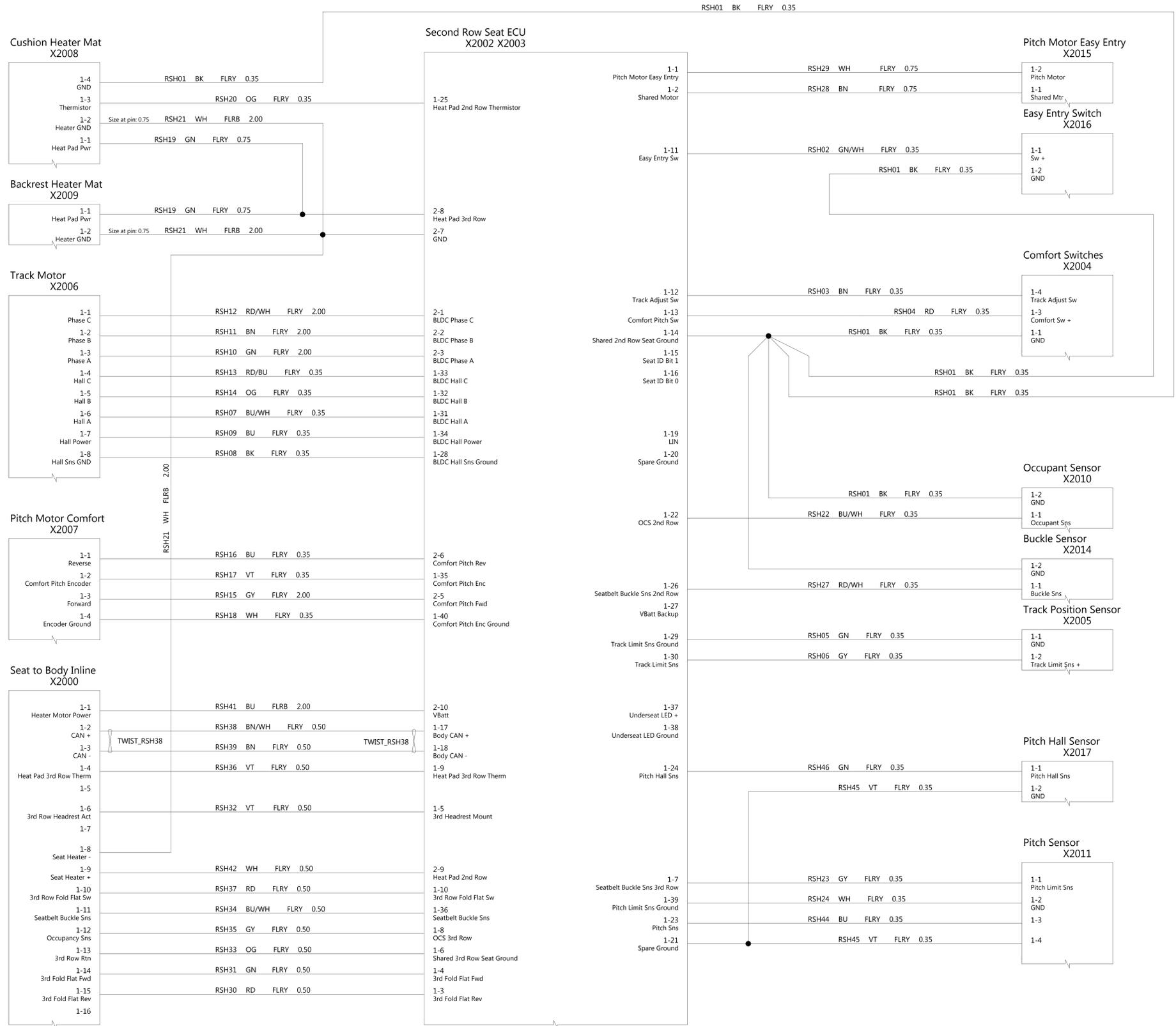
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DRAWN		CHECKED		APPROVED	
MATERIAL	AS SPECIFIED	FINISHING	AS SPECIFIED	SCALE	NONE
PART NAME Power Distribution - Frunk:2:Frunk Junction Box (BEC8 DV2)-Power Distribution - Frunk 2/2					
PART NUMBER	REV	SHEET	SIZE		
	1	65 OF 71	A0		



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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME Rear Seat Interface:1:Rear Seat Interface / Rear Heated Seats (MCU1.5)-Rear Seat Interface		
PART NUMBER	REV 1	SHEET 66 OF 71
		SIZE A0



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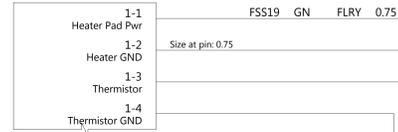
DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME Rear Seat Interface P2 - Monopost Seats		
PART NUMBER	REV	SHEET
	1	2 OF 4
		SIZE A0

SR55 - 5 Seater
 SR75 - 7 Seater
 FF40 - 40 Controller
 FF60 - 60 Controller

Backrest Heater Mat L-R
 X2009A



Cushion Htr Mat L-R
 X2008A



FF60

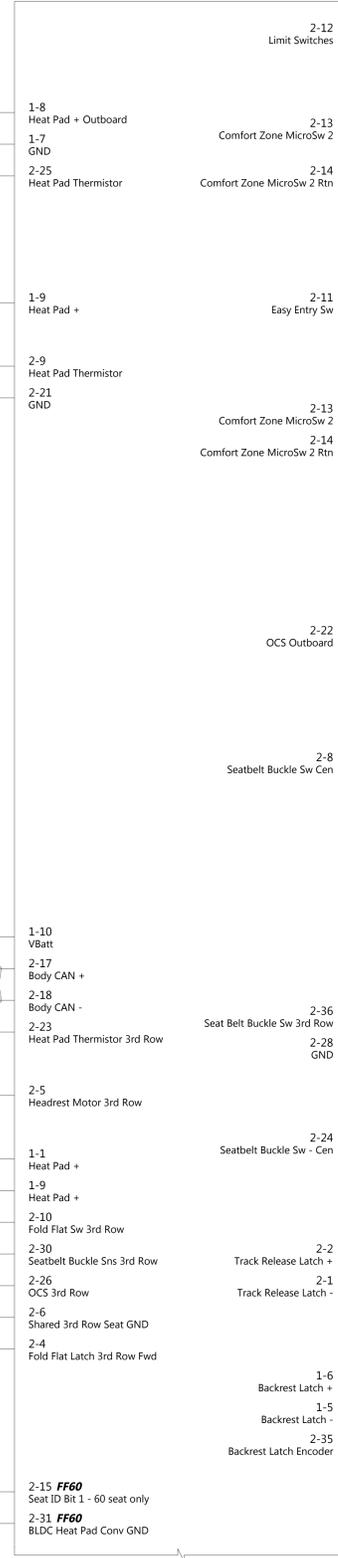
Cushion Htr Mat C
 X2048A



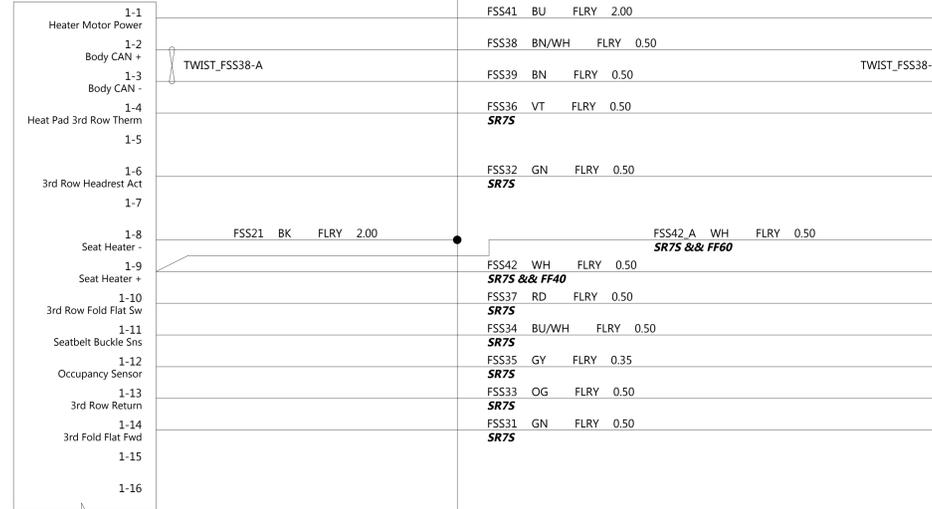
FF60
 Backrest Heater Mat C
 X2049A



Second Row Seat ECU 60/40
 X2002A X2003A



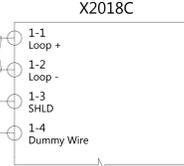
Seat to Body Inline 60-40
 X2000A



Seat Airbag 2nd Row Inline
 X2018B



Seat Airbag Jumper Inline
 X2018C



Limit Switch 1
 X2051A



Limit Switch 2
 X2011A



Easy Entry Sw
 X2016A



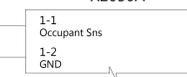
Comfort Sw
 X2020B



Occupant Sns Outboard
 X2010A



FF60
 Occupant Sns Center
 X2050A



Buckle Sns
 X2014A



FF60
 Buckle Sns Center
 X2054A



Track Release Latch
 X2018A



Backrest Release Latch
 X2019A



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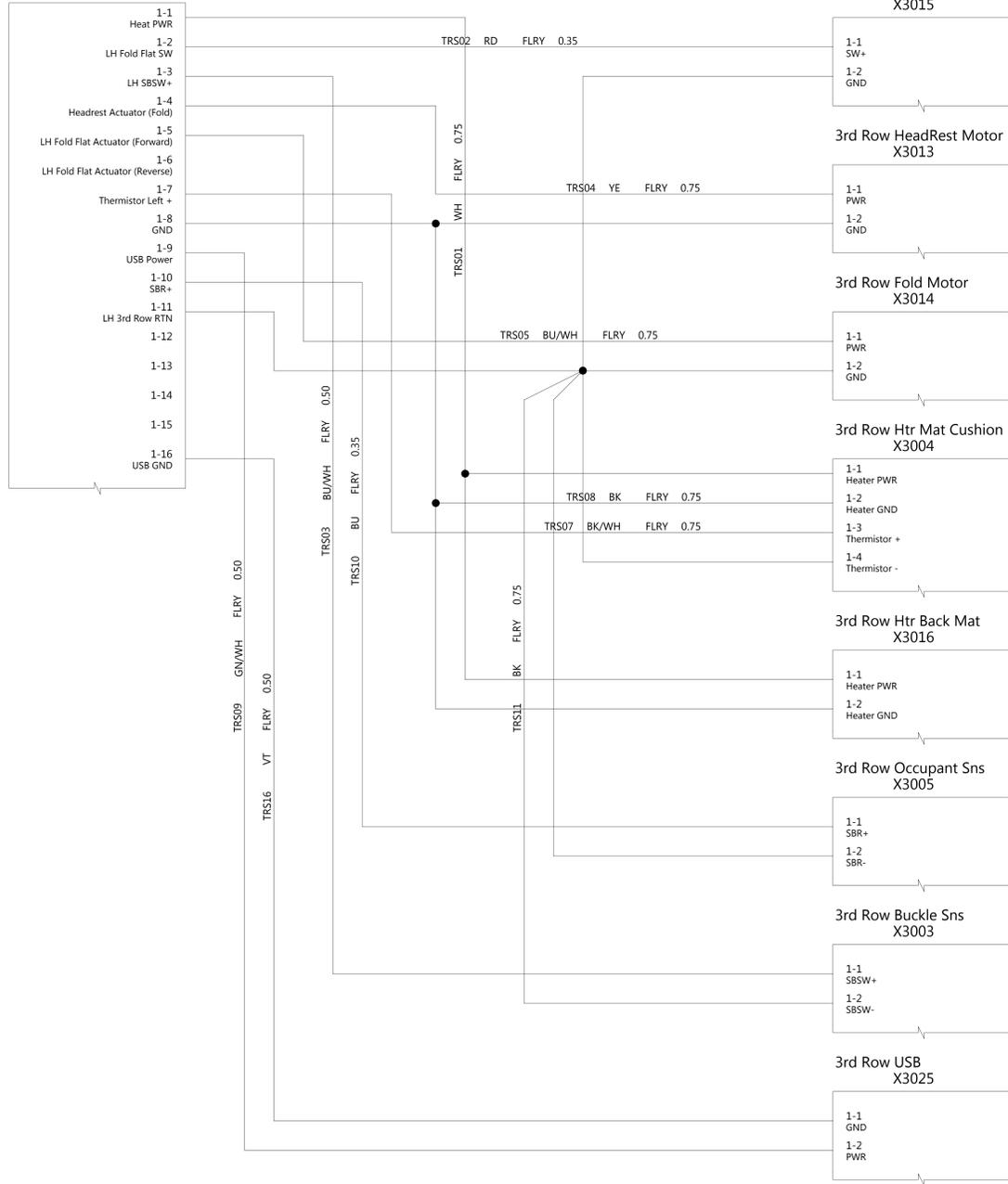
DRAWN	CHECKED	APPROVED
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MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
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PART NAME
 Rear Seat Interface P3 - 60/40 fold

PART NUMBER	REV	SHEET	SIZE
	2	3 OF 4	A0

Seat to Body Inline 3rd Row
X3001



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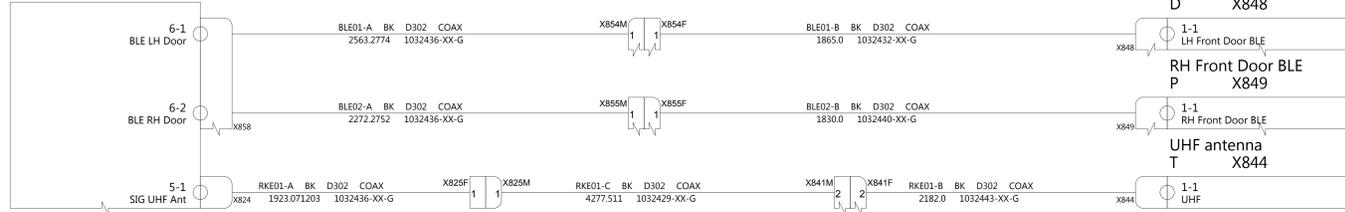
DRAWN	CHECKED	APPROVED

MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
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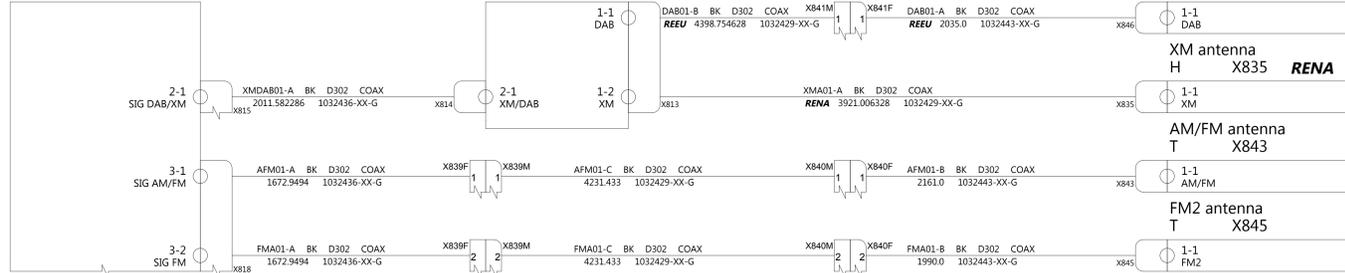
PART NAME
Rear Seat Interface P4 - Third Row Seat Internal Wiring

PART NUMBER	REV	SHEET	SIZE
	1	4 OF 4	A0

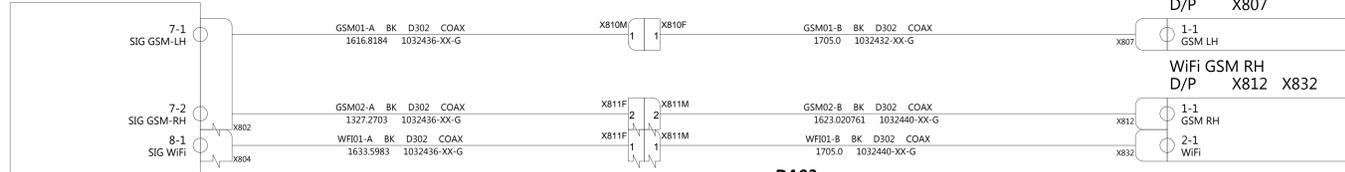
Central Body Control Module (BCCEN) DV3
H,J,W X060 X061 X062 X063 X824 X858 X857 X856



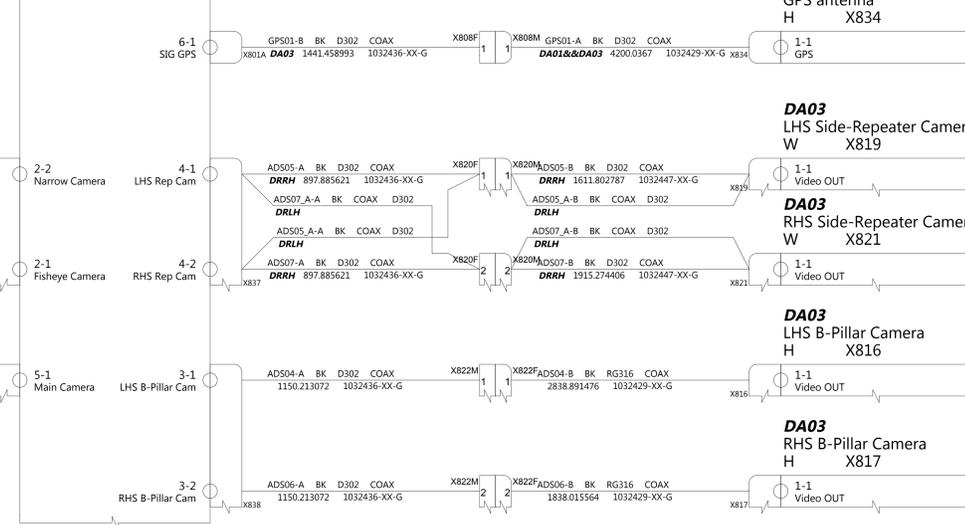
Radio Head Unit (TUNER)
J X562 X815 X818



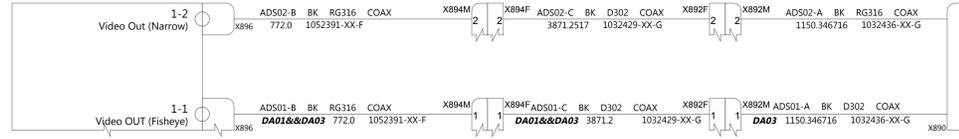
Center Display / Gateway E
J X170 X171 X173 X174 X175 X801 X802 X804 X829A X860 X862 X803 X862A



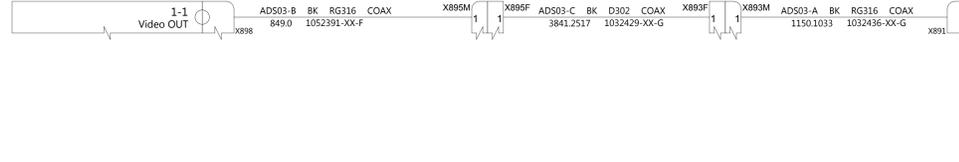
DA03
AutoPilot ECU 2.0 (DAS)
J X120A X890 X838 X837 X891 X801A X863 X878 X889 X899 X126



DA01 // DA03
Triple Cam - Fisheye and Narrow
V X896



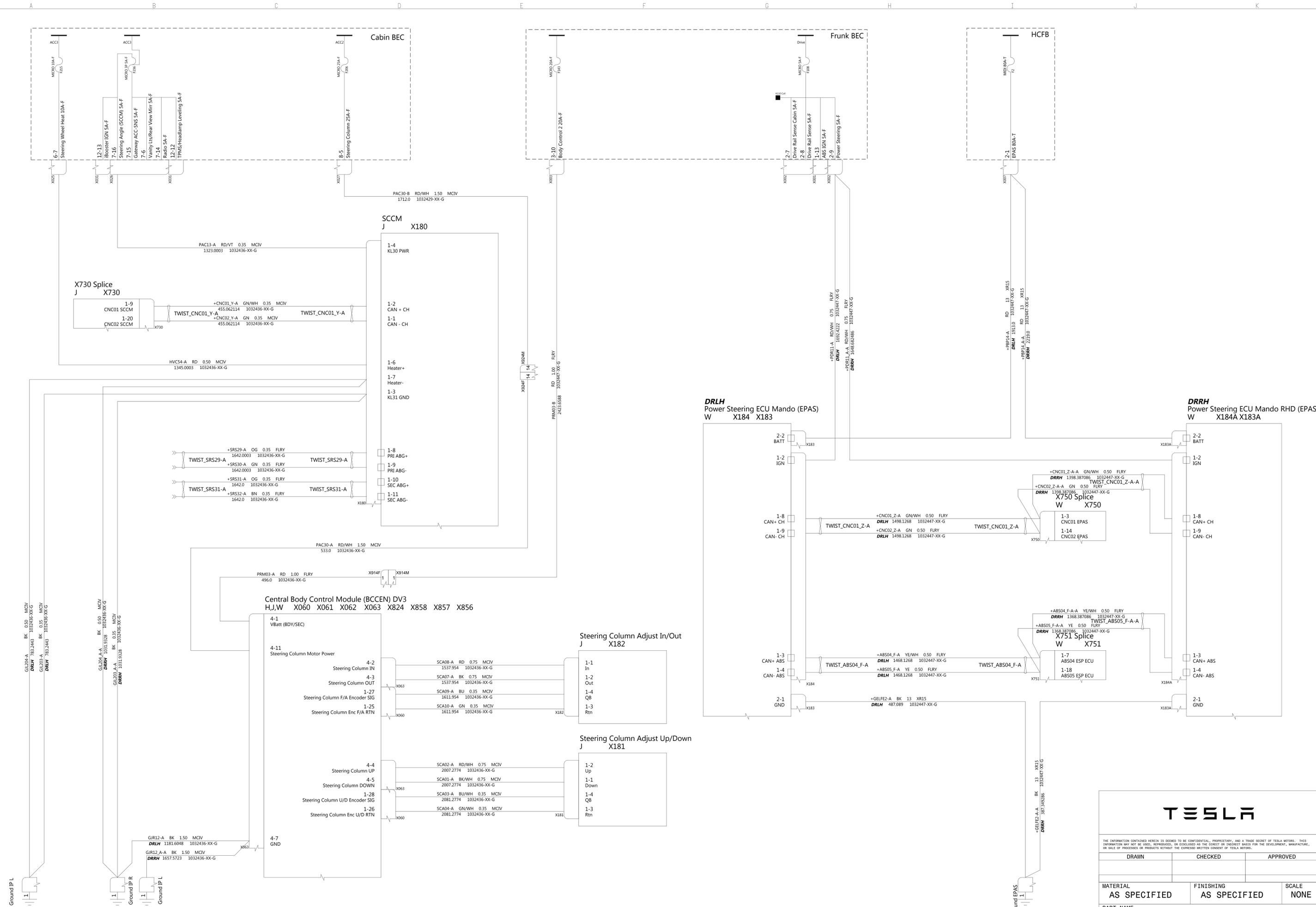
DA03
Triple Cam - Main Cam
V X898



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



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DRAWN	CHECKED	APPROVED
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MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
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PART NAME
Steering:2:Steering Wheel Controls / Power Steering (DV2)-Steering

PART NUMBER	REV	SHEET	SIZE
	2	69 OF 71	A0

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



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



Trailer Brakes ECU Connection
J X164



Add mating pigtail - supplied to customer when towing package is selected
Tesla Part Number 1072586-00-A

Frunk BEC

AUX BEC

Trailer Lights Pigtail
H X275



Ground returns from trailer functions are direct to chassis

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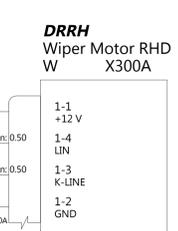
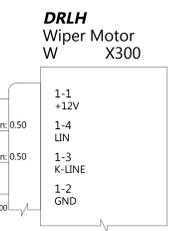
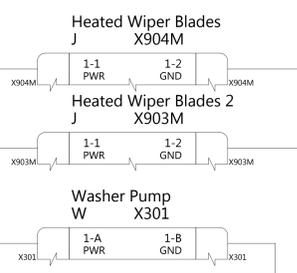
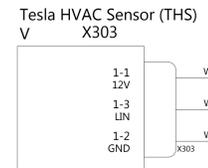
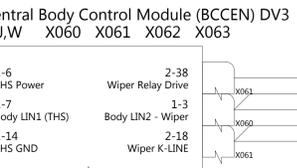
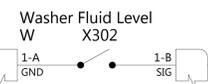
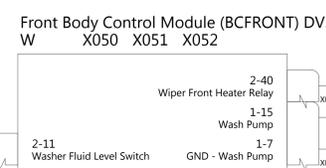
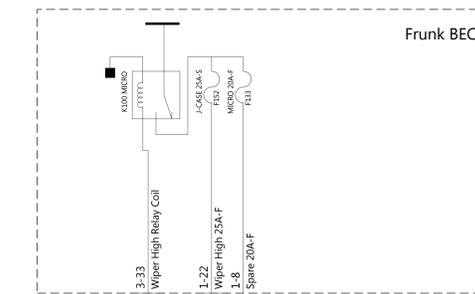
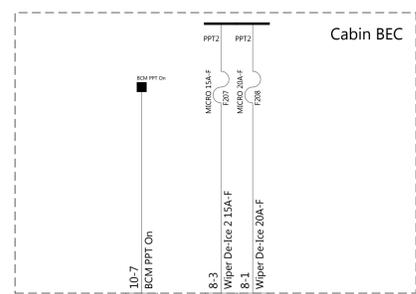
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DRAWN	CHECKED	APPROVED

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

PART NAME
Trailer Systems:1:Trailer Systems (DV2)-Trailer Systems

PART NUMBER	REV	SHEET	SIZE
	1	70 OF 71	A0



G1AF212-A BK 0.50 MCV
2112.550302 1032447-XX-G

Ground Frunk Jc 3
W GND_Jc_F3 GND_L_F3
GND - Wash Fluid Lvl

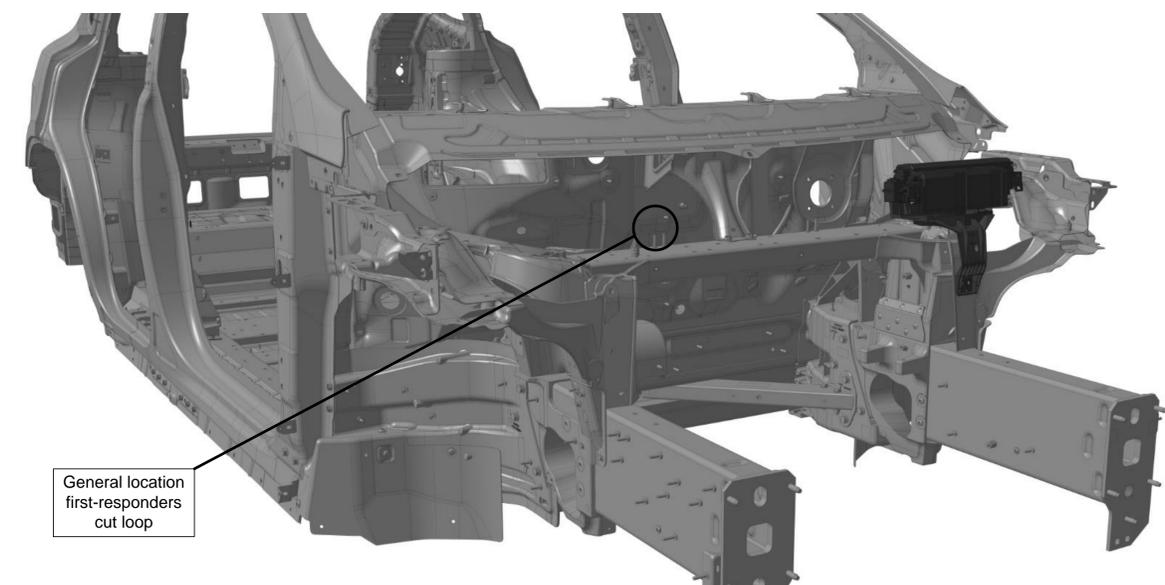
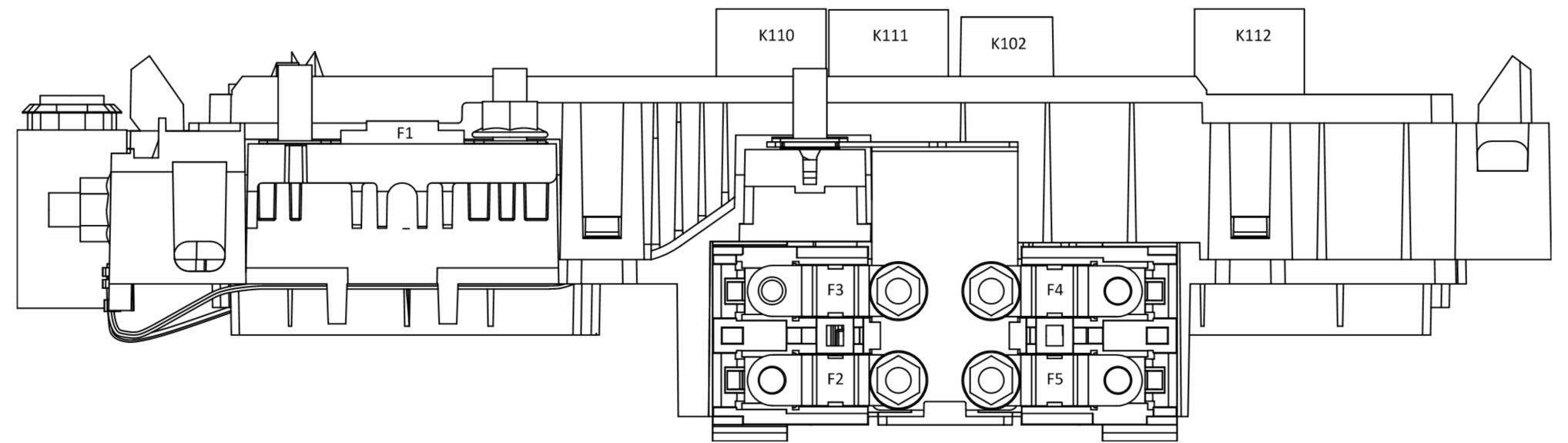
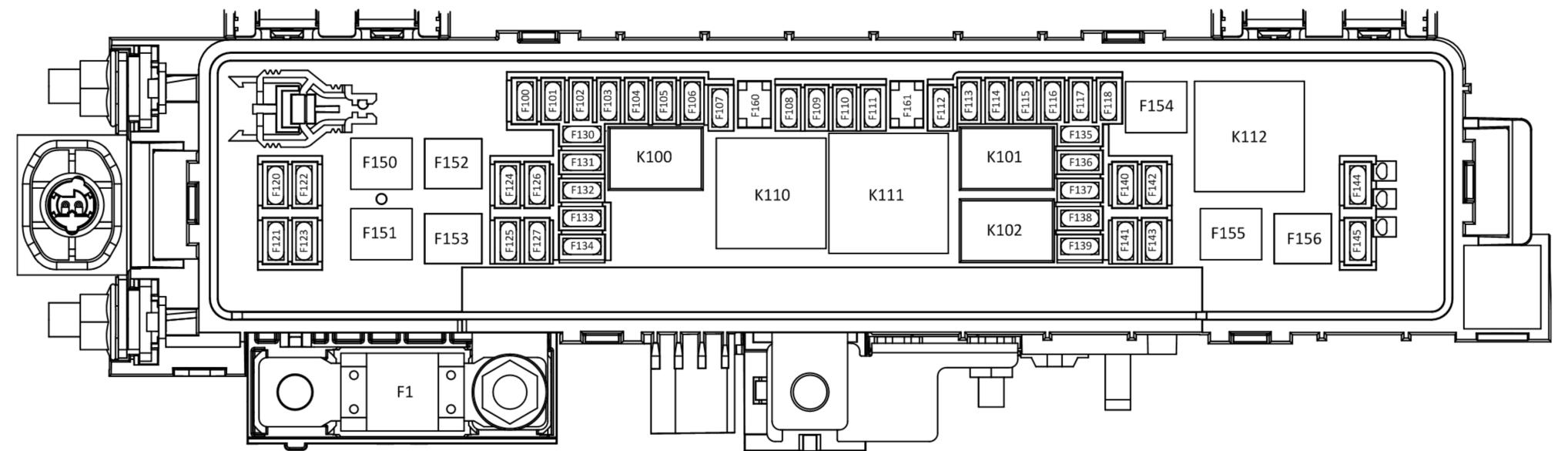
Ground Jp R
Ground Frunk Jc 2
W GND_Jc_F2 GND_L_F2
GND - Wiper Motor

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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
	2	71 OF 71
		SIZE A0

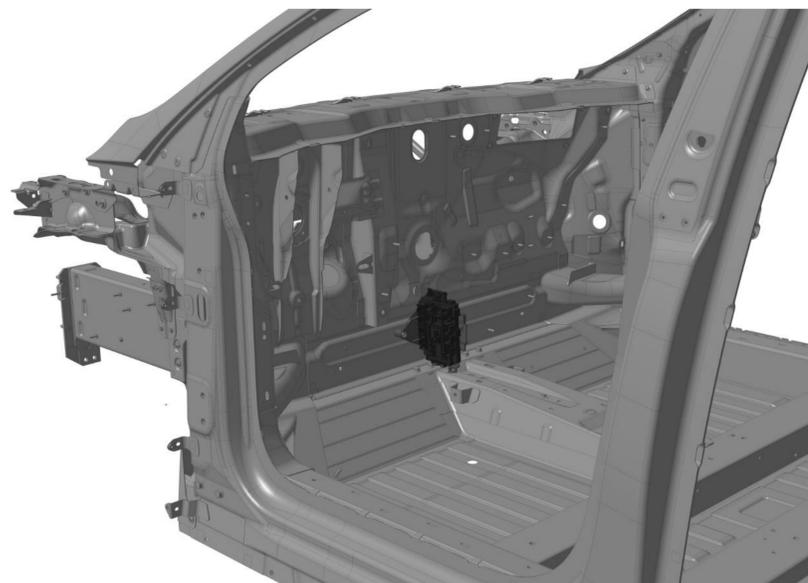
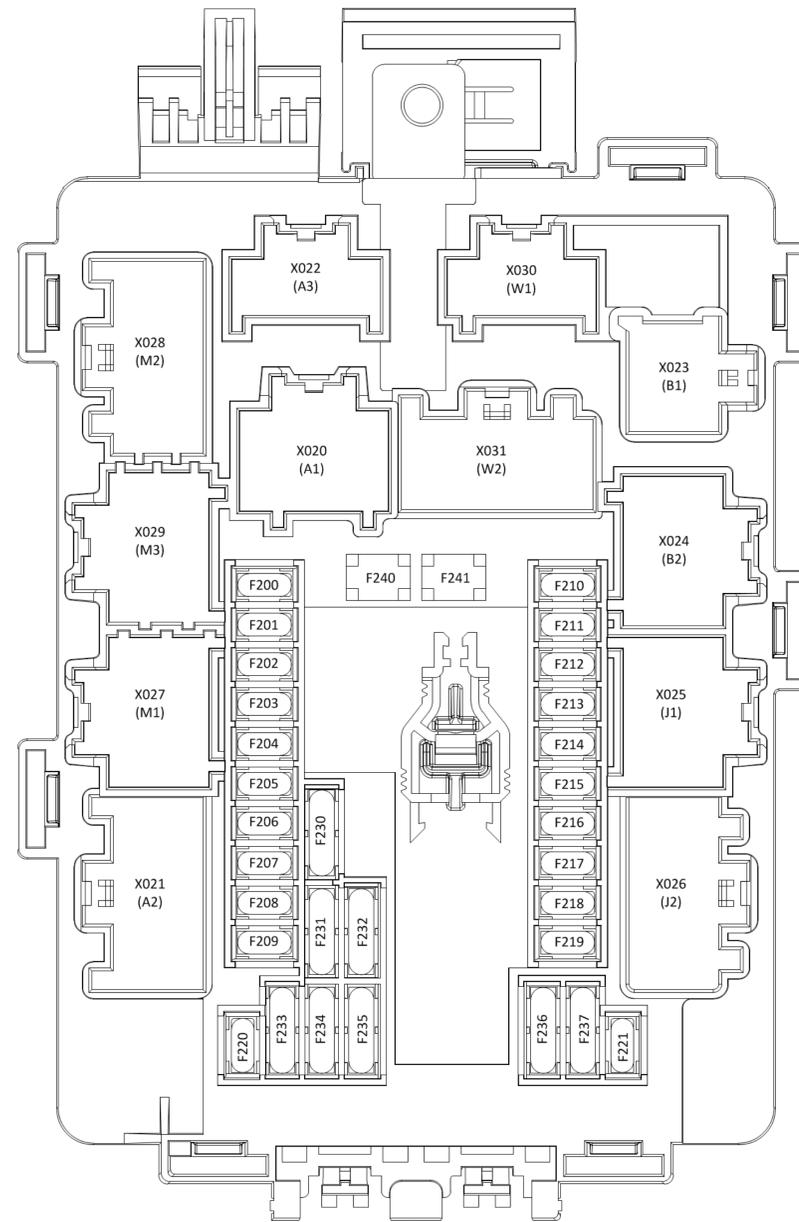
Fuse	Value	Function
F1	MEGA - 250A	DCDC power input
F2	MIDI - 80A	Power Steering
F3	MIDI - 80A	Power Steering
F4	MIDI - 125A	Cabin BEC (fuse box)
F5	MIDI - 200A	AUX BEC (fuse box)
F100	MICRO2 - 5A	Siren and Intrusion Sensor
F101	MICRO2 - 15A	Forward Camera
F102		not used
F103	MICRO2 - 25A	ABS - Valves
F104	MICRO2 - 5A	12V Battery Monitor
F105	MICRO2 - 15A	Trailer Lights
F106		not used
F107	MICRO2 - 5A	Drive Inverter, Rear
F108	MICRO2 - 5A	IGN Sense
F109	MICRO2 - 10A	not used
F110	MICRO2 - 5A	Airbag System
F111	MICRO2 - 20A	Trailer Brakes Controller (Controller supplied by Customer)
F112	MICRO2 - 5A	Cabin Climate Controls, Front
F113	MICRO2 - 10A	Cabin Heater, Rear Climate Control, Air Quality Sensor
F114	MICRO2 - 10A	Thermal Controller, Battery Heater, Inlet, Chiller Valve
F115		not used
F116	MICRO2 - 10A	not used
F117	MICRO2 - 10A	Air Suspension
F118	MICRO2 - 25A	Rear Cabin Blower
F120	MICRO2 - 15A	not used
F121	MICRO2 - 5A	not used
F122	MICRO2 - 15A	Coolant Pump 3 (PT1)
F123	MICRO2 - 15A	Coolant Pump 2 (BA1)
F124	MICRO2 - 10A	not used
F125	MICRO2 - 10A	Contactors Power
F126		not used
F127	MICRO2 - 5A	AutoPilot ECU 2.0
F130	MICRO2 - 15A	Forward Radar
F131	MICRO2 - 15A	IGN - Trailer Connector
F132	MICRO2 - 5A	Drive Inverter, Front
F133	MICRO2 - 30A	AutoPilot ECU 2.0
F134	MICRO2 - 20A	Headlamp, Right
F135	MICRO2 - 10A	Forward Camera Defog
F136	MICRO2 - 15A	Coolant Pump 4 (PT2)
F137	MICRO2 - 15A	Coolant Pump 1 (BA1)
F138	MICRO2 - 30A	Rear Defrost Grid
F139	MICRO2 - 15A	Horns
F140		not used
F141		not used
F142		not used
F143	MICRO2 - 20A	Central Body Controller
F144	MICRO2 - 20A	Headlamp, Left
F145	MICRO2 - 15A	Front Body Controller
F150	JCASELP - 25A	Left Front Door Actuator
F151	JCASELP - 50A	ABS - Motor
F152	JCASELP - 25A	Rear Cabin Blower
F153		not used
F154	JCASELP - 40A	Air Compressor
F155	JCASELP - 60A	Condenser Fan
F156	JCASELP - 40A	iBooster / Brake Assist
F160	JCASELP - 30A	Cabin Blower, Front
F161	JCASEM - 25A	Right Front Door Actuator
Relay	Type	Function
K100	MICRO280	Windshield Wiper
K101	MICRO280	HVAC Group 1 (F114, F136, F137)
K102	MICRO280	Rear Defrost Grid
K110	ISO	IGN / Drive Power (F107-F110, F130-F132)
K111	ISO	HVAC (F112, F113, F160)



NAME		DATE		INTERPRET DIMENSIONS AND TOLERANCES PER ISO 1101, 128, 129	
DRAWN BY	AS SPECIFIED	AS SPECIFIED	AS SPECIFIED		
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MATERIAL AS SPECIFIED					
FINISH AS SPECIFIED				EST. WEIGHT (g): TBD	
THIRD ANGLE PROJECTION		DIMENSIONS ARE IN MILLIMETERS TOLERANCES: ANGULAR ±0.5° OTHER: See above		SCALE NONE	SHEET SIZE B
ITEM NAME Model X Frunk Fuse box – SOP1					
ITEM NUMBER AS SPECIFIED				REVISION 01	SHEET 1 of 1

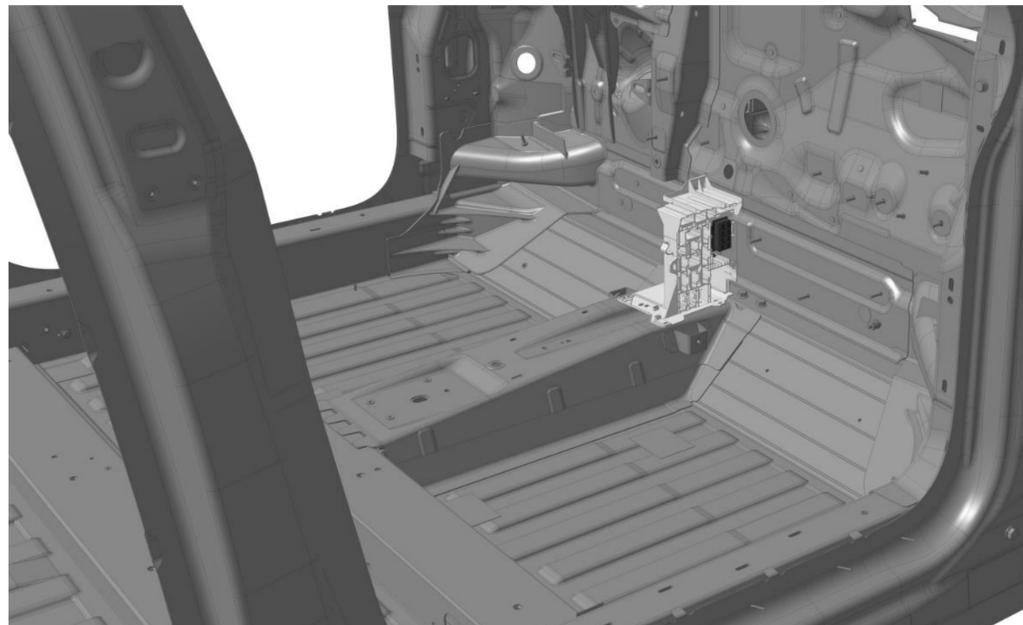
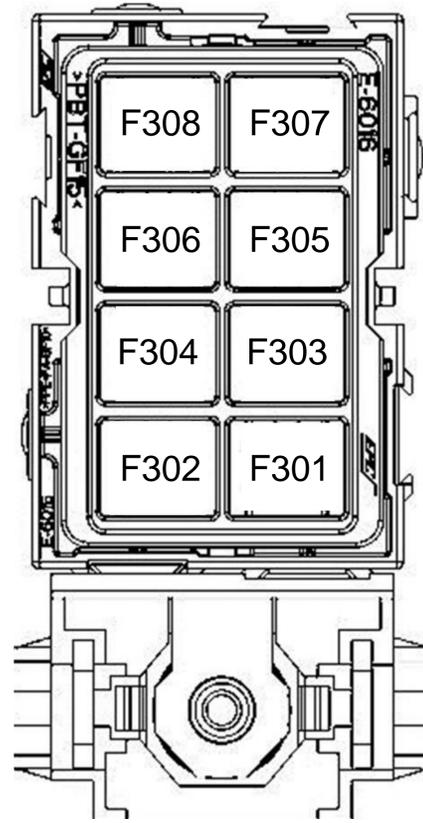
Fuse	Value	Function
F200	MICRO2 - 5A	Seat Memory
F201	MICRO2 - 25A	Window Motor, LR
F202	MICRO2 - 15A	not used
F203	MICRO2 - 20A	12V Outlet Center Console
F204	MICRO2 - 25A	Window Motor, RF
F205	MICRO2 - 25A	Window Motor, LF
F206	MICRO2 - 25A	Central Body Controller - Steering Column Adjust
F207	MICRO2 - 15A	Wiper De-Ice
F208	MICRO2 - 20A	Wiper De-Ice
F209	MICRO2 - 15A	not used
F210	MICRO2 - 30A	Power Liftgate
F211	MICRO2 - 25A	Window Motor, RR
F212	MICRO2 - 20A	Electric Park Brake - Primary
F213	MICRO2 - 20A	Electric Park Brake - Secondary
F214	MICRO2 - 20A	not used
F215	MICRO2 - 10A	Steering Wheel Heater
F216	MICRO2 - 25A	Rear Body Controls
F217	MICRO2 - 20A	Premium Audio Amplifier
F218	MICRO2 - 20A	Base Audio Amplifier
F219	MICRO2 - 5A	Diagnostic Port
F220	MICRO2 - 5A	Brake on-off Switch
F221	MICRO2 - 5A	Battery Management System
F230	MICRO3 - 15A	Third Row USB 12V Outlet USB Hub
F231	MICRO3 - 15A	Accessory Power 12V Outlet Rear Trunk
F232	MICRO3 - 15A	Seat Heater Left Front Seat Heater Right Front
F233	MICRO3 - 15A	Door Controls, Front Latches
F234	MICRO3 - 15A	Door Controls Left Rear Door Controls Right Rear
F235	MICRO3 - 10A	Charging Systems Center Display
F236	MICRO3 - 5A	SCCM, iBooster IGN ACC Sense, Rear-View Mirror, Radio, TPMS
F237	MICRO3 - 5A	iBooster Instrument Cluster
F240	JCASEM - 15A	Seat Motors, Right Front
F241	JCASEM - 15A	Seat Motors, Left Front

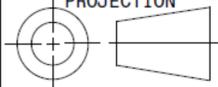
No serviceable relays in Cabin Fuse box



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MATERIAL AS SPECIFIED				
FINISH AS SPECIFIED			EST. WEIGHT (g): TBD	
THIRD ANGLE PROJECTION 		DIMENSIONS ARE IN MILLIMETERS TOLERANCES: ANGULAR ±0.5° OTHER: See above		SCALE NONE
ITEM NAME Model X Cabin Fuse box – SOP1				
ITEM NUMBER AS SPECIFIED			REVISION 01	SHEET 1 of 1

Fuse	Value	Function
F301	JCASE - 50A	Left Rear Door Actuators
F302	JCASE - 50A	Right Rear Door Actuators
F303	JCASE - 50A	Right Rear Door Actuators
F304	JCASE - 50A	Left Rear Door Actuators
F305	JCASE - 30A	Second Row Seat Power, Left
F306	JCASE - 30A	Second Row Seat Power, Middle
F307	JCASE - 30A	Second Row Seat Power, Right
F308	JCASE - 30A	Trailer Brakes Power



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MATERIAL AS SPECIFIED				
FINISH AS SPECIFIED			EST. WEIGHT (g): TBD	
THIRD ANGLE PROJECTION 		DIMENSIONS ARE IN MILLIMETERS TOLERANCES: ANGULAR ±0.5° OTHER: See above		SHEET SIZE B
ITEM NAME Model X Aux Fuse box – SOP1				
ITEM NUMBER AS SPECIFIED			REVISION 01	SHEET 1 of 1