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DRIVR	Driver Seat
PASSN	Passenger Seat
LHST	Left side Seat
RHST	Right Side Seat
FOG	Fog Light
MCOLM	Manual Steering Column
PCOLM	Power Steering Column
BAUDIO	Base Audio
PAUDIO	Premium Audio
COLDW	Cold Weather Package
LHD	Left Hand Drive
RHD	Right Hand Drive
AWD	All Wheel Drive
RWD	Rear Wheel Drive
BINLT	Base Interior Lights
PINLT	Premium Interior Lights
BMIRROR	Base Mirror
PMIRROR	Premium Mirror with Powerfold
REAP	Region Asia Pacific
REEU	Region Europe
RENA	Region North America
CSUSP	Coil Suspension
PREMST	Premium Seat

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

A	LH BODY	Q	PARCEL SHELF
B	RH BODY	R	LH RR DOOR
C	CENTER CONSOLE	S	RH RR DOOR
D	LH FR DOOR	T	LIFT GATE
F	FR FASCIA	U	THERMAL
G	RR FASCIA	V	GLASS
H	HV PENTHOUSE	W	FRUNK
J	IP	X	REAR SUBFRAME
K	HEADLINER	Y	FRONT SEATS
L	FRONT END MODULE		
N	FRONT SUBFRAME		
P	RH FR DOOR		

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

FLRY	Thin wall 105C rated, regular stranded PVC insulated [FLRY-A]
FLRB	Thin wall 105C rated, bunched conductor PVC insulated [FLRY-B]
MCIV	Thin wall 105C rated, compressed conductor PVC (halogen free) insulated
XR15	Thin wall 150C rated, cross-linked polyolefin, high flexible
FLXB	Thin wall 125C rated, cross-linked polyolefin, high flexible, halogen free insulated
3TBL	Thick wall 105C rated, aluminum conductor PVC insulated

General Notes:

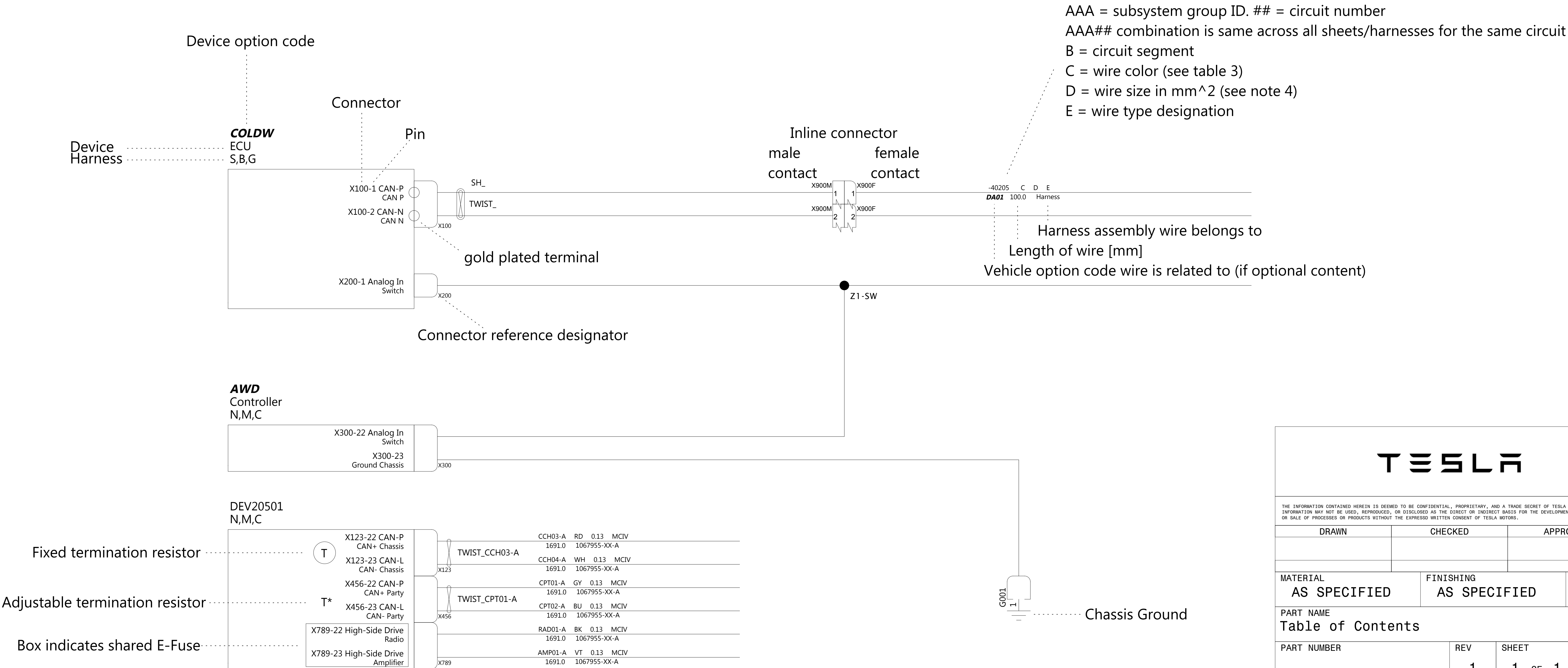
- 1) Switches [Relays] are shown in their inactive [de-energized] state.
- 2) Splices may be split across pages for visual clarity with respect to the function displayed on the particular page.
- 3) Some connectors are split across multiple pages for clarity.
There is no overall reference in this document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

TERMINAL PLATING

☐ GOLD TERMINAL NECESSARY

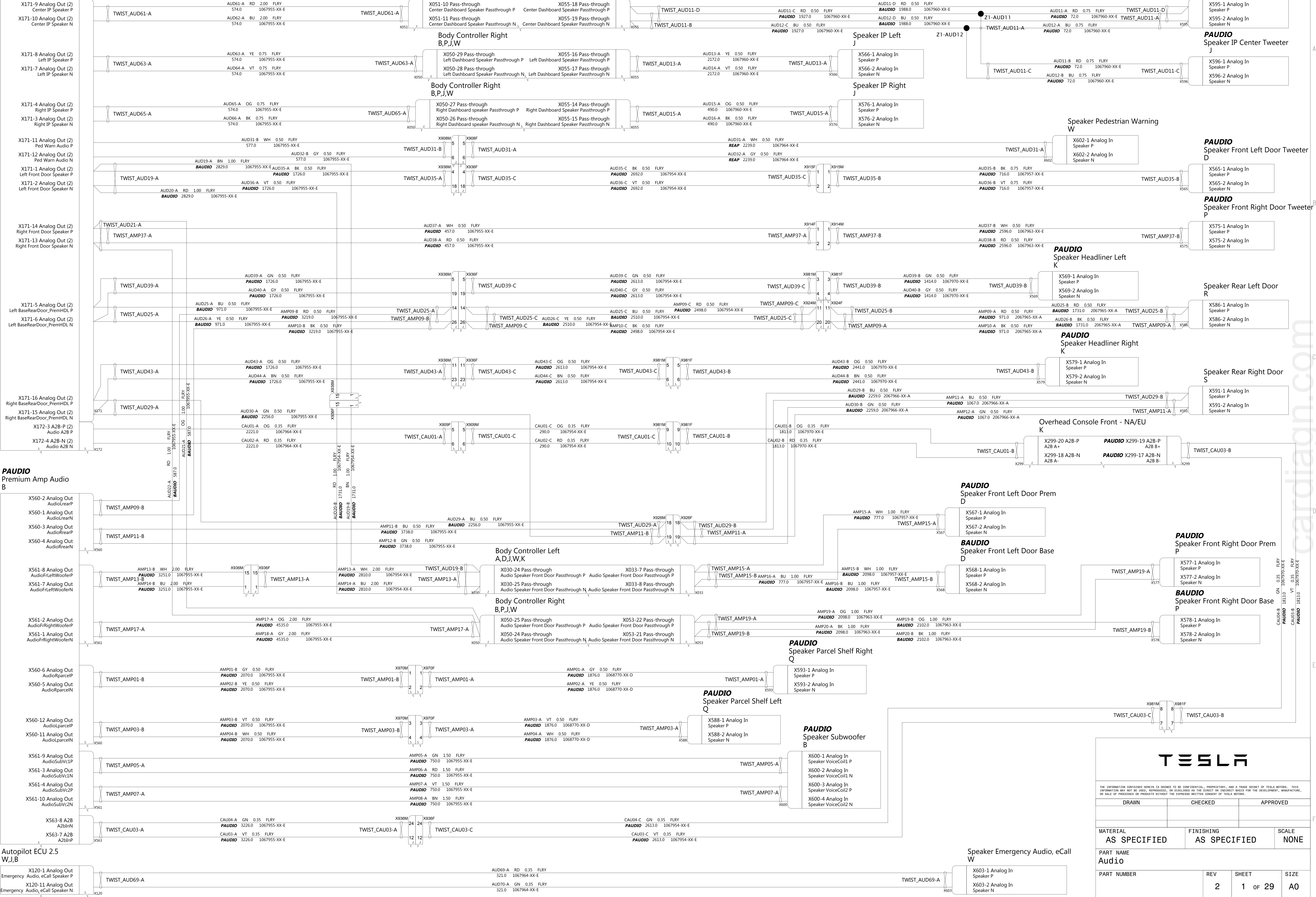
☐ SILVER PLATING NECESSARY

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



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

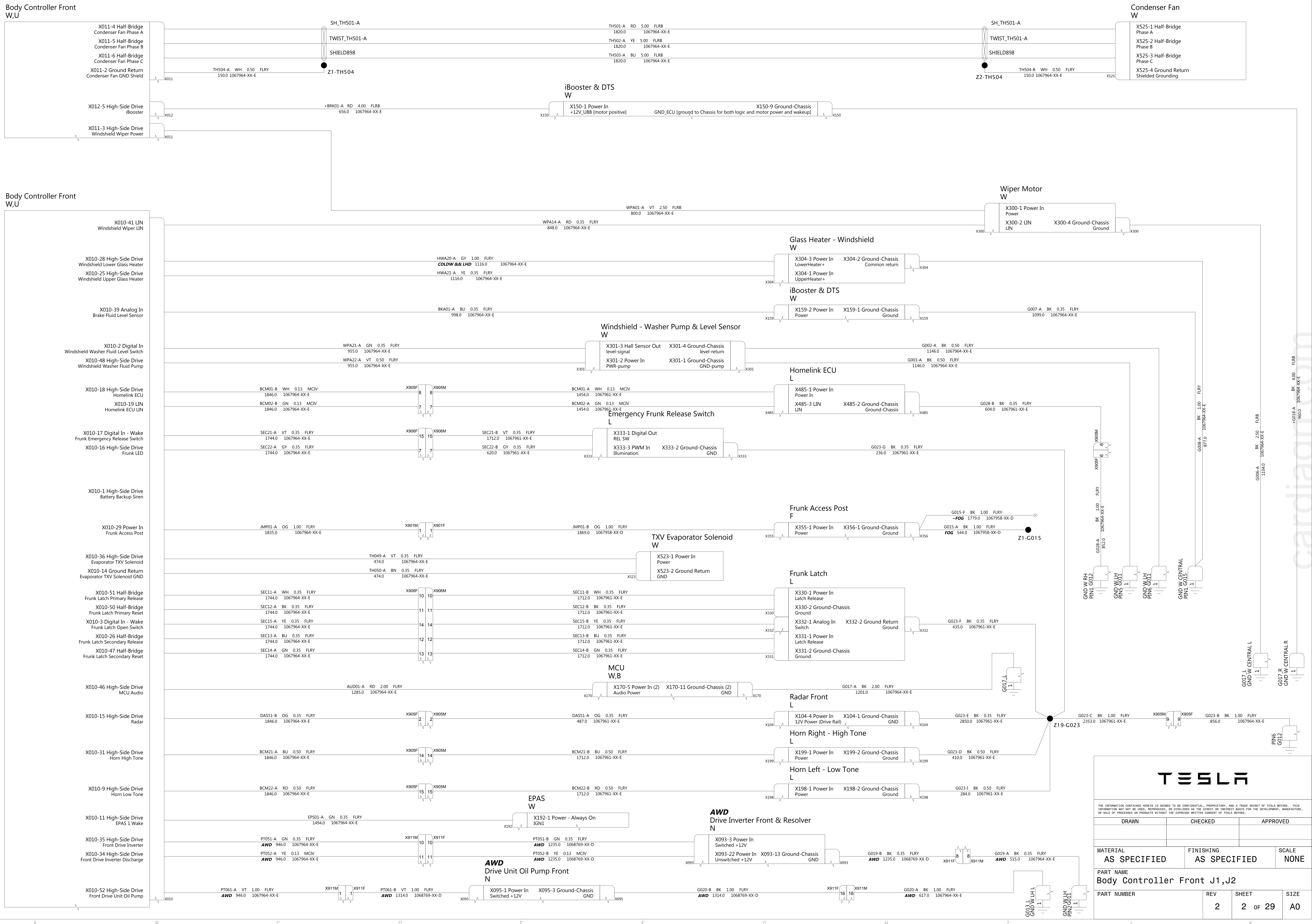
MCU
W,B



TESLA

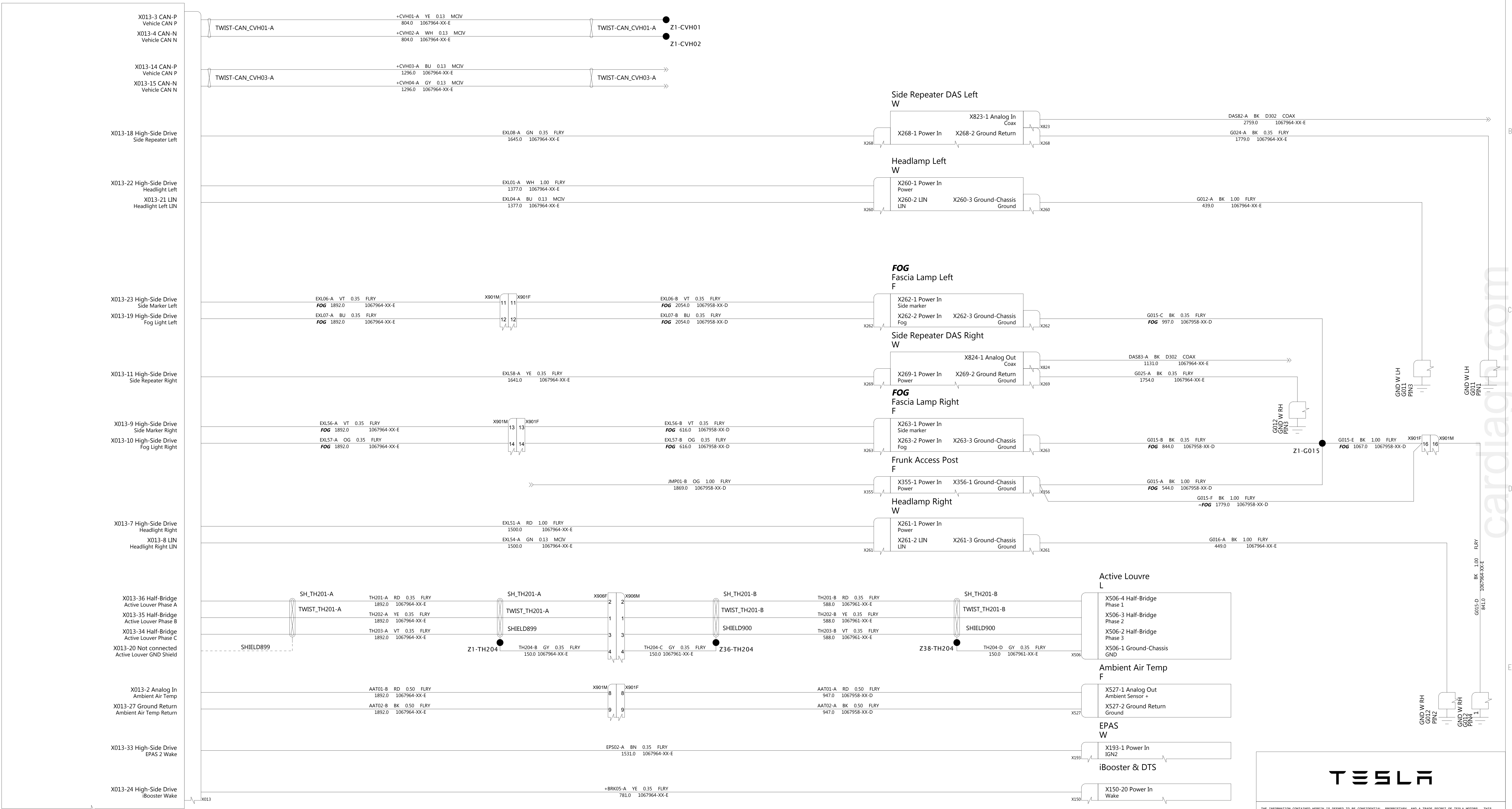
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DRAWN		CHECKED		APPROVED	
MATERIAL AS SPECIFIED		FINISHING AS SPECIFIED		SCALE NONE	
PART NAME Audio					
PART NUMBER		REV	SHEET	SIZE	
		2	1 OF 29	A0	



1/1/80 TFS:AY

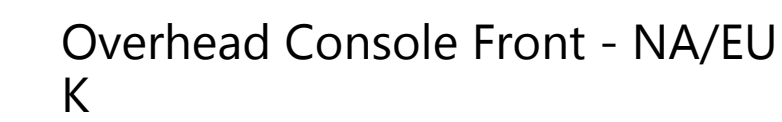
Body Controller Front
W,U



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DRAWN	CHECKED	APPROVED	
MATERIAL		FINISHING	SCALE
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PART NAME			
Body Controller Front J4			
PART NUMBER	REV	SHEET	SIZE
	2	4 OF 29	A0

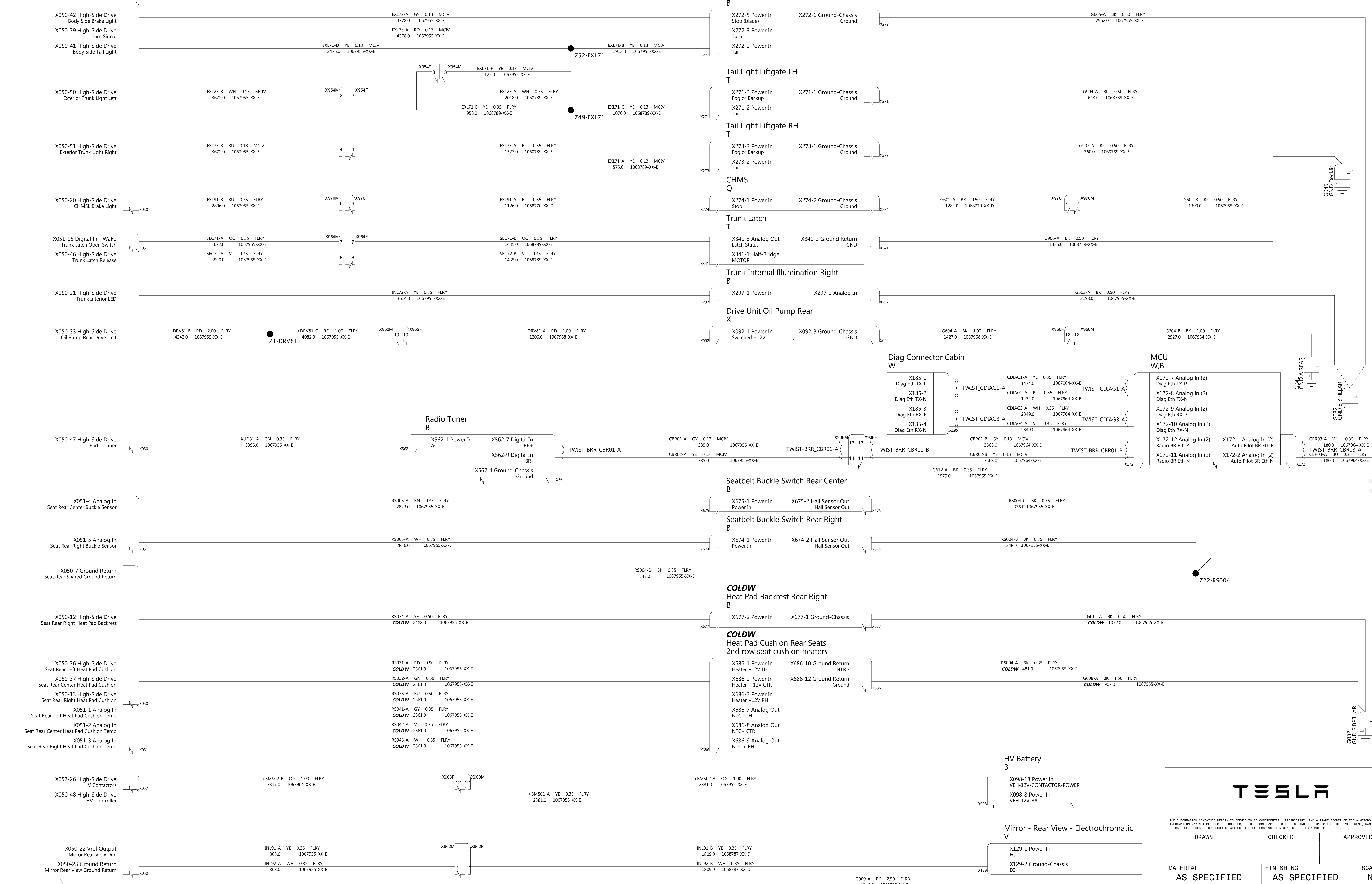
Body Controller Left
A,D,J,W,K



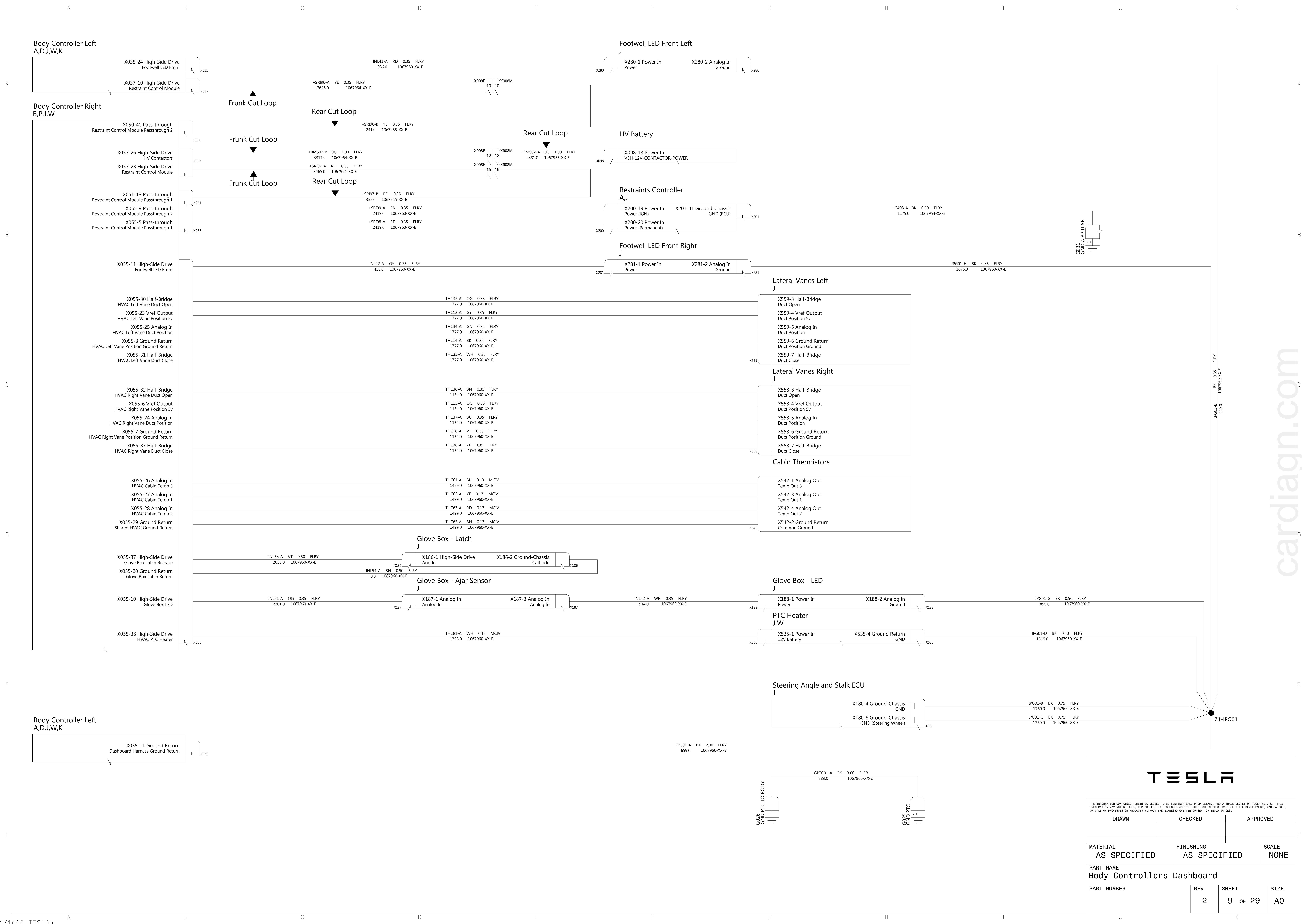


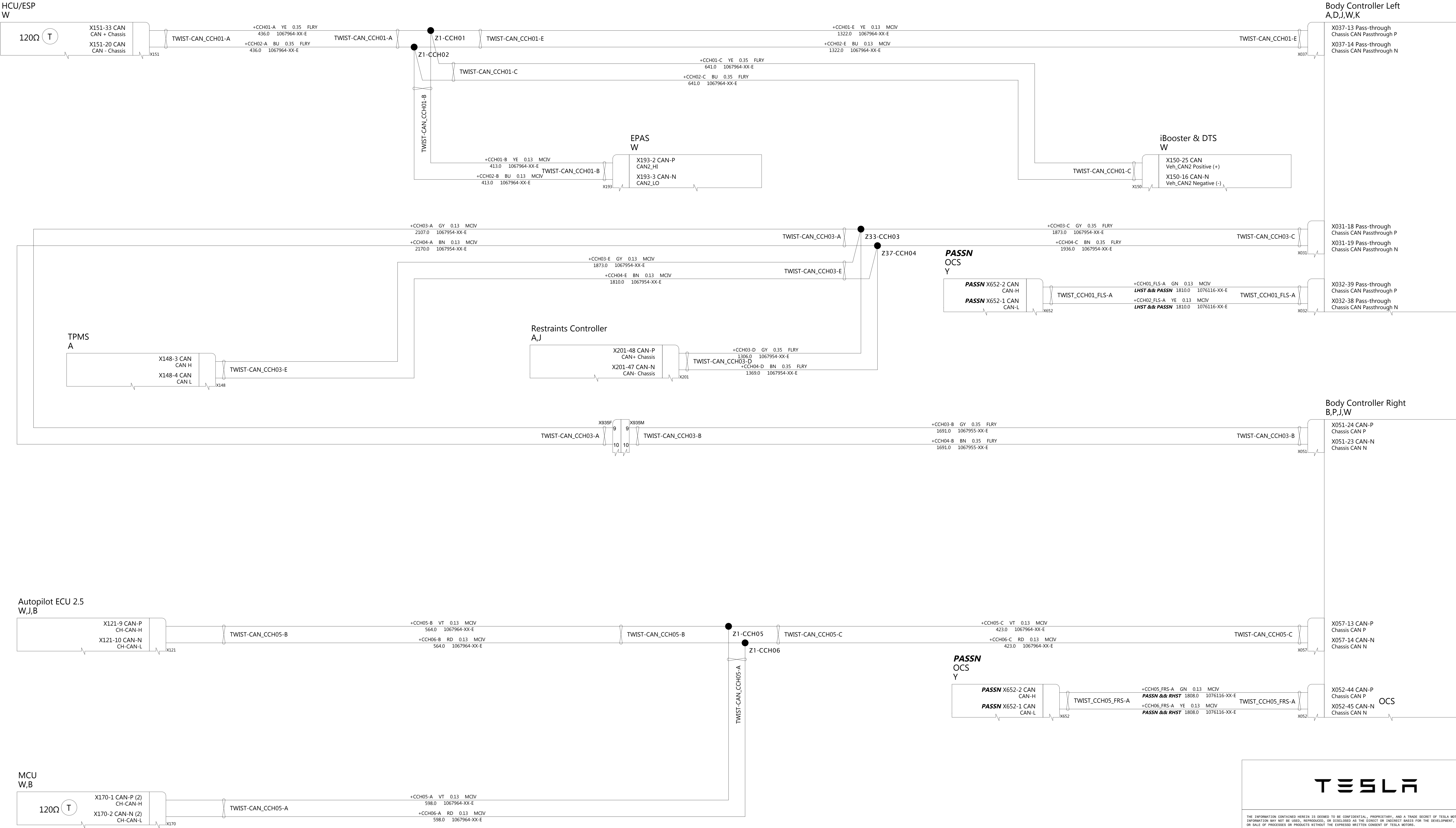
			
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DRAWN	CHECKED	APPROVED	
MATERIAL		FINISHING	SCALE
AS SPECIFIED		AS SPECIFIED	NONE
PART NAME Body Controller Left J2, OHC			
PART NUMBER	REV	SHEET	SIZE
	2	6 of 29	A0

Body Controller Right
B,P,J,W



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DRAWN	CHECKED	APPROVED	
MATERIAL	FINISHING	SCALE	
AS SPECIFIED	AS SPECIFIED	NONE	
PART NAME			
Body Controller Right J1			
PART NUMBER	REV	SHEET	SIZE
	2	7 OF 29	A0





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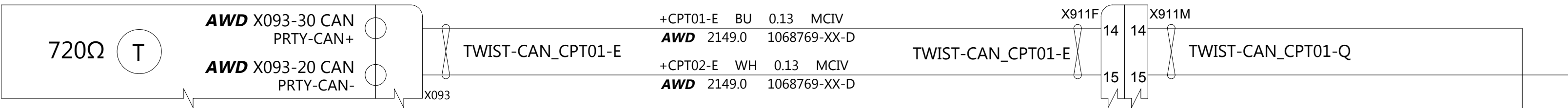
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MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
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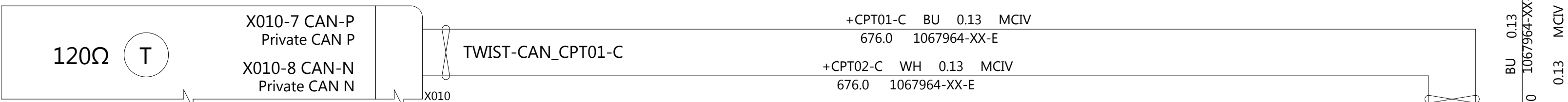
PART NAME CAN Chassis

PART NUMBER	REV	SHEET	SIZE
	2	11 OF 29	A0

AWD
Drive Inverter Front & Resolver
N

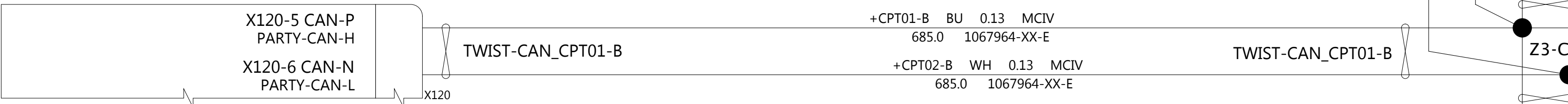


Body Controller Front
W,U

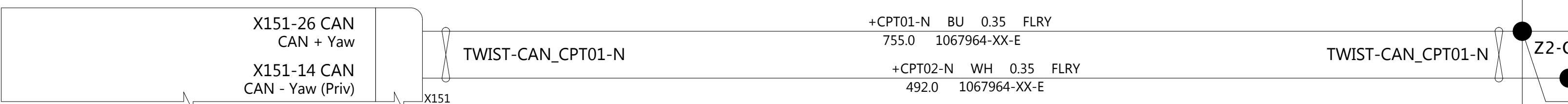


Fixed termination with
part number ending in -00-G

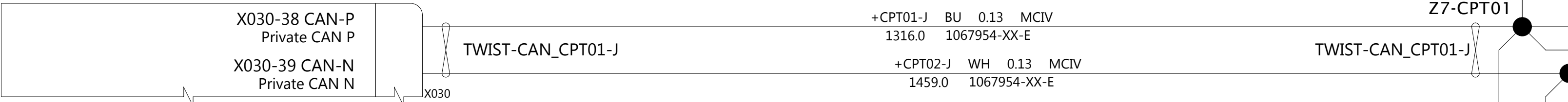
Autopilot ECU 2.5
W,J,B



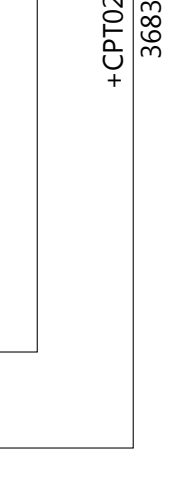
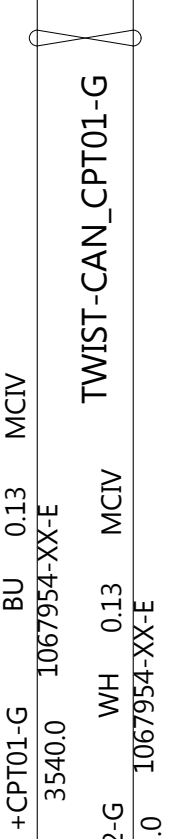
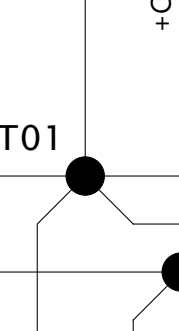
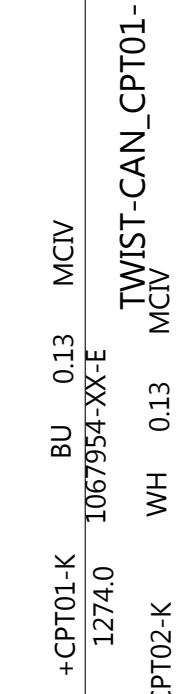
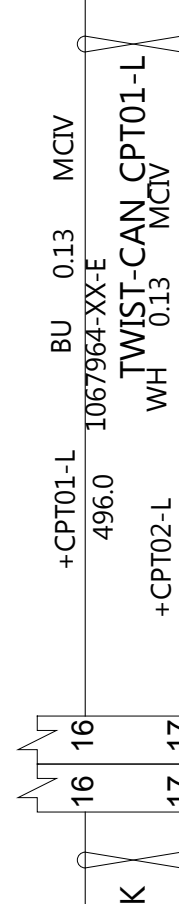
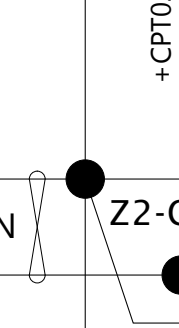
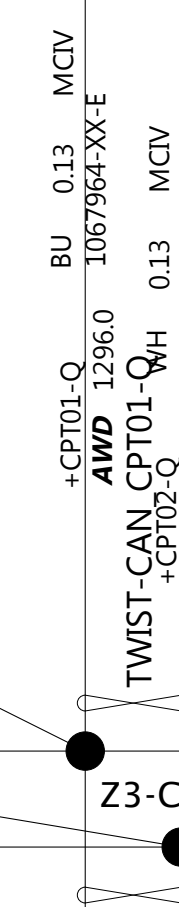
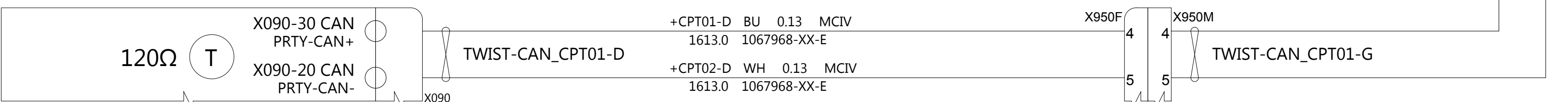
HCU/ESP
W



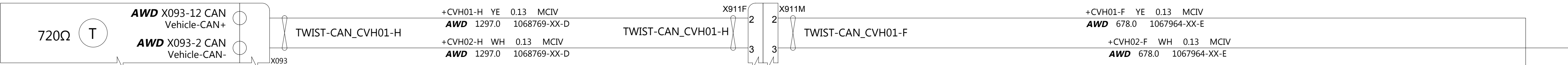
Body Controller Left
A,D,J,W,K



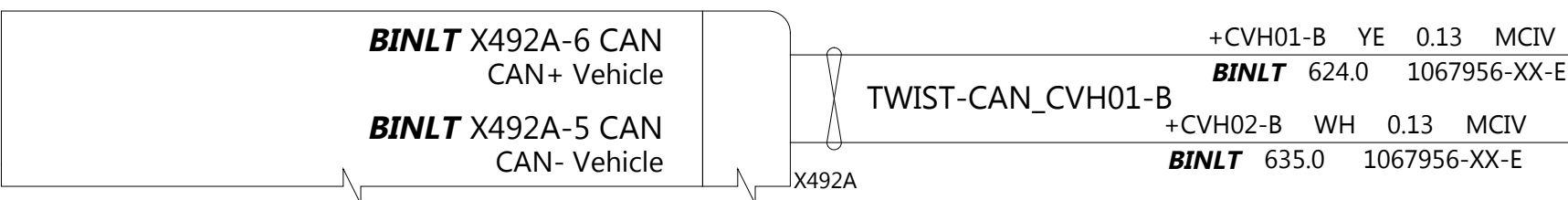
Drive Inverter Rear & Resolver
X



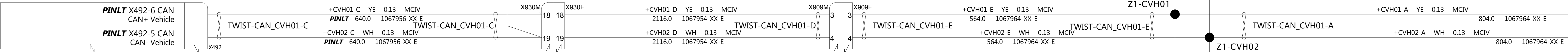
AWD
Drive Inverter Front & Resolver
N



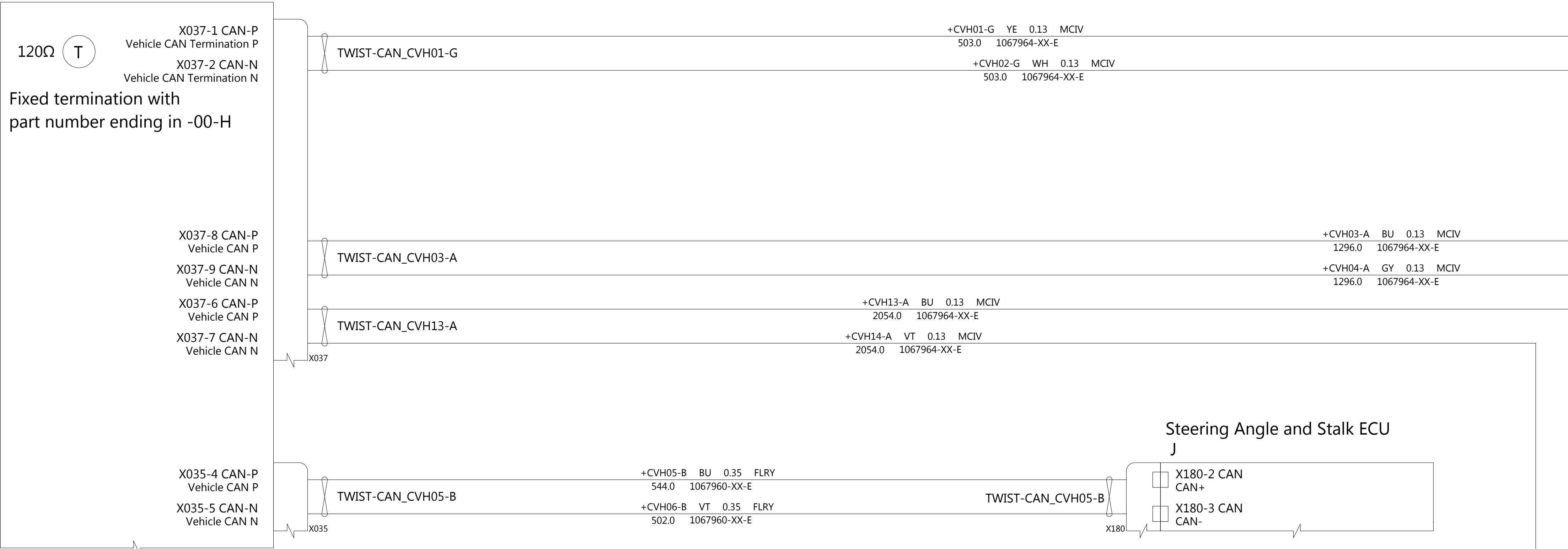
BINLT
Security Controller (B)
C



PINLT
Security Controller
C

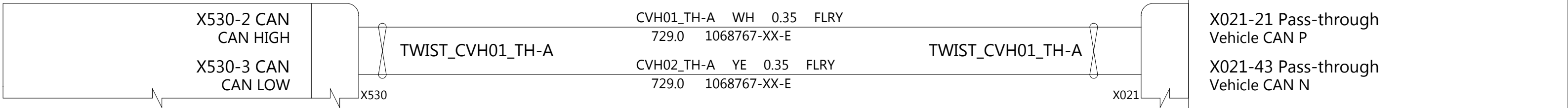


Body Controller Left
A,D,J,W,K

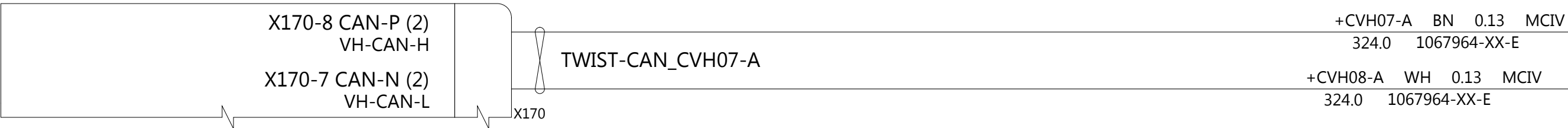


Steering Angle and Stalk ECU
J

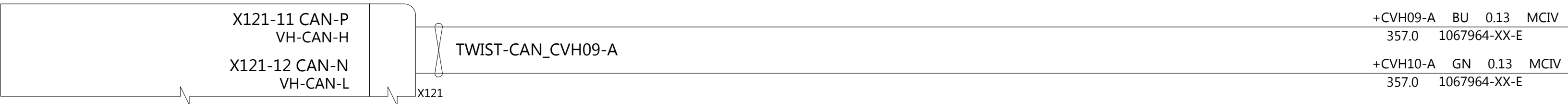
HV Compressor
U,W



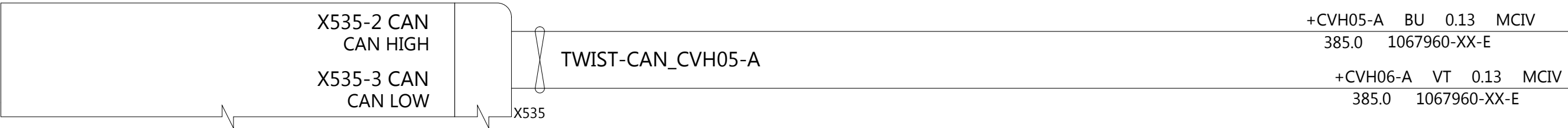
MCU
W,B



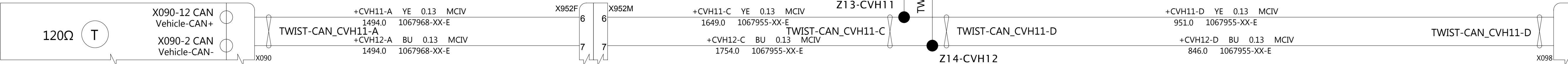
Autopilot ECU 2.5
W,J,B



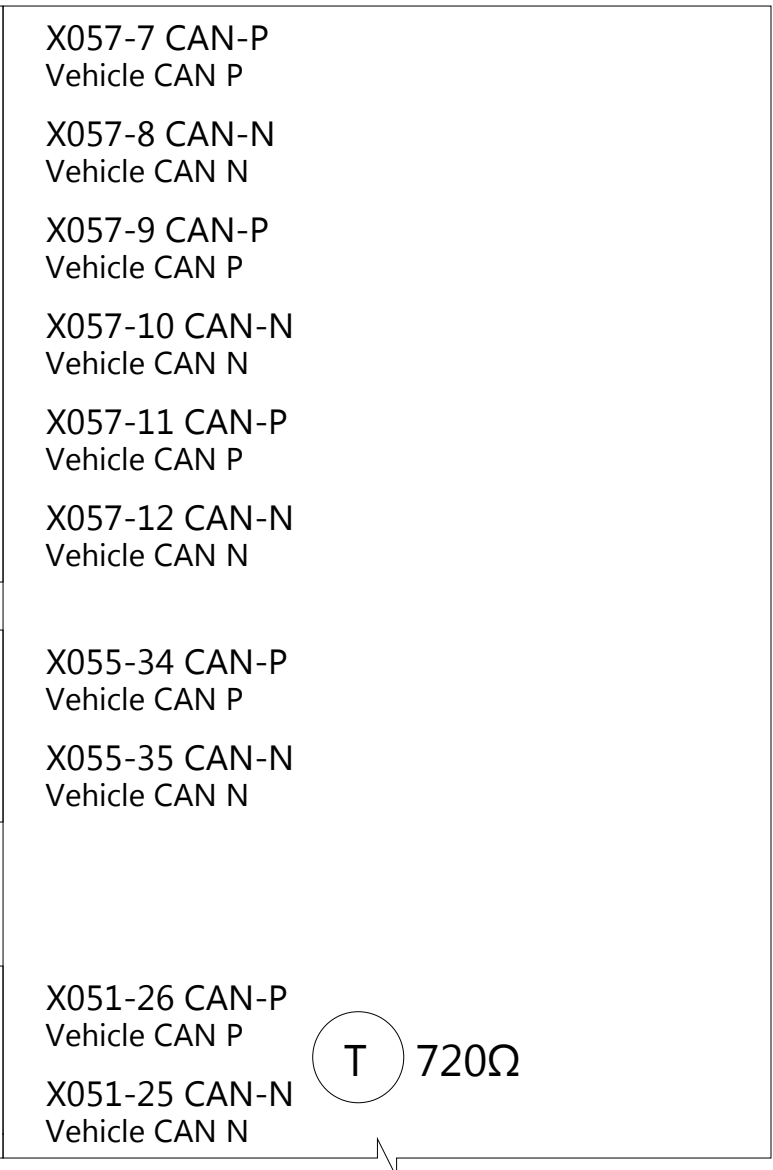
PTC Heater
J,W



Drive Inverter Rear & Resolver
X



Body Controller Right
B,P,J,W



Fixed termination with
part number ending in -00-G

HV Battery
B



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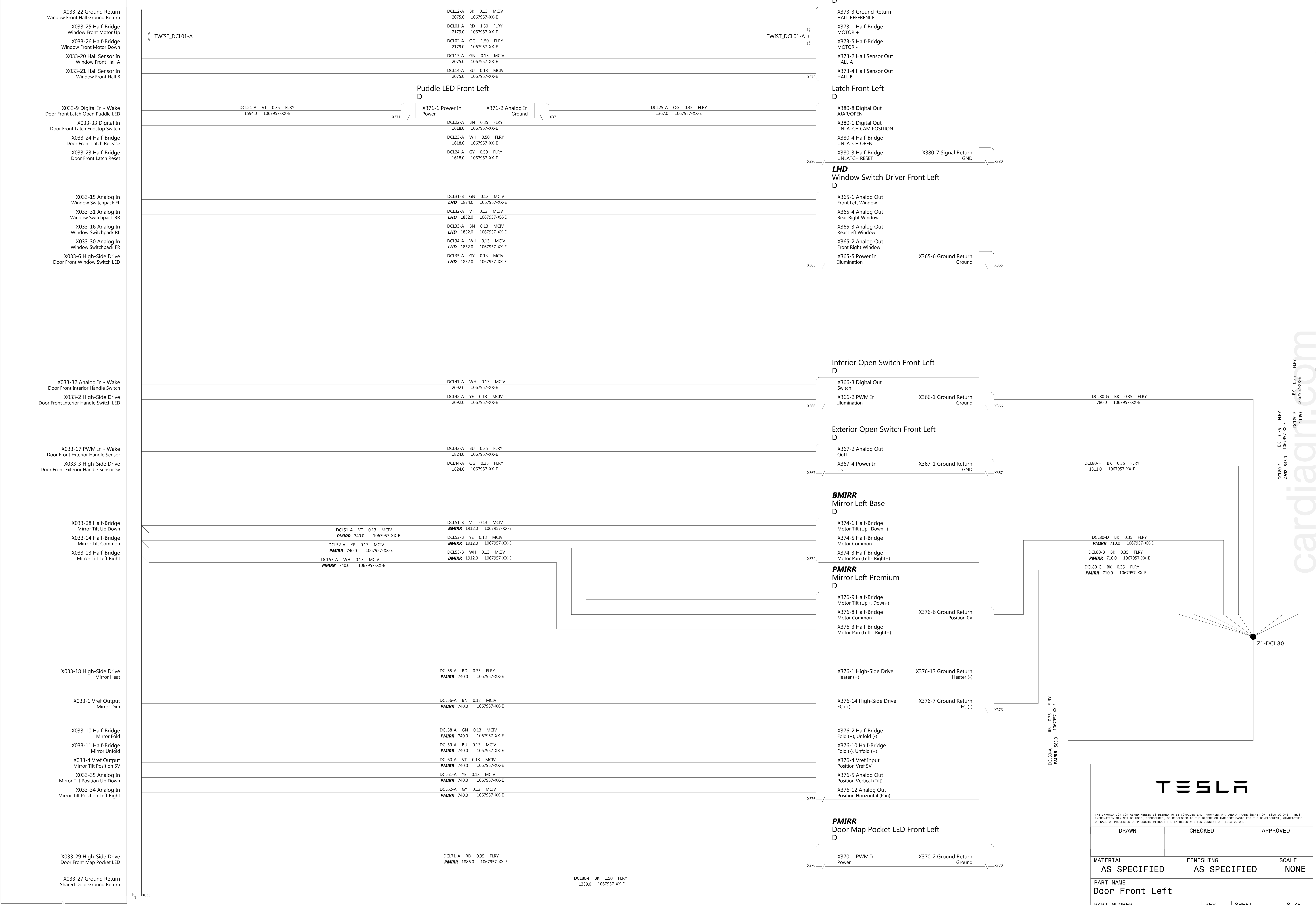
DRAWN	CHECKED	APPROVED

MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
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PART NAME CAN Vehicle

PART NUMBER	REV	SHEET	SIZE
	2	13 of 29	A0

Body Controller Left
A,D,J,W,K



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DRAWN	CHECKED	APPROVED

MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
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PART NAME Door Front Left

PART NUMBER	REV	SHEET	SIZE
	2	14 of 29	A0

Body Controller Right
B,P,J,W



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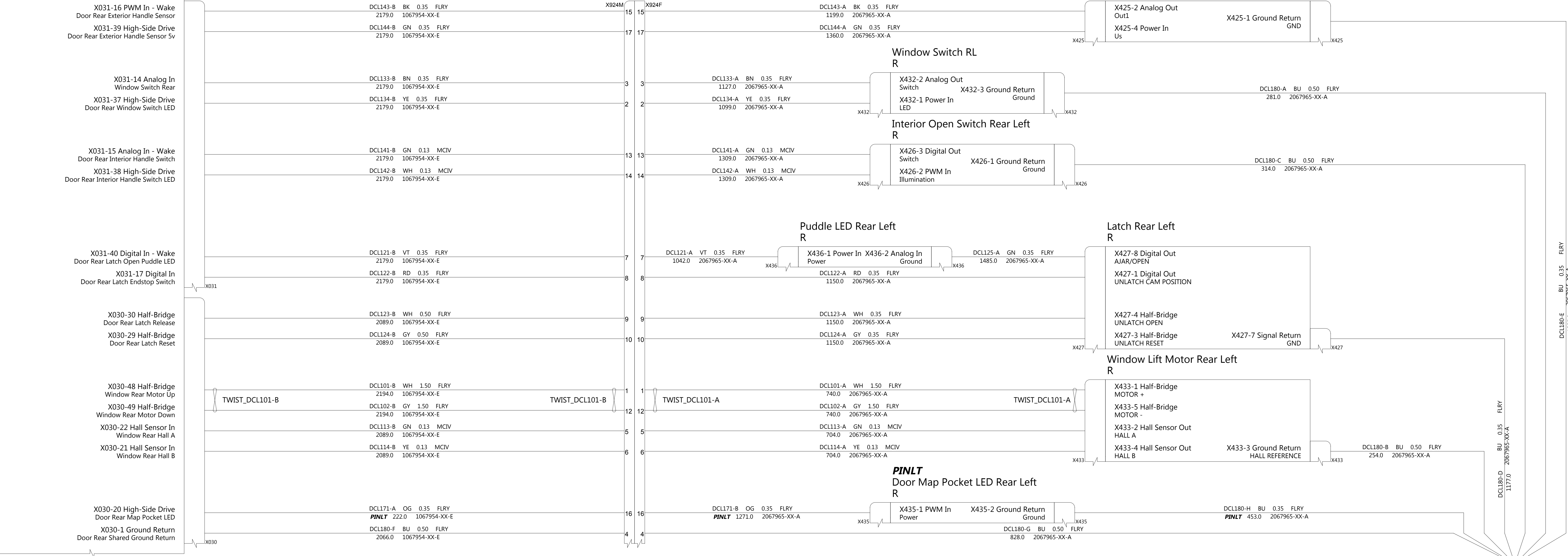
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MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
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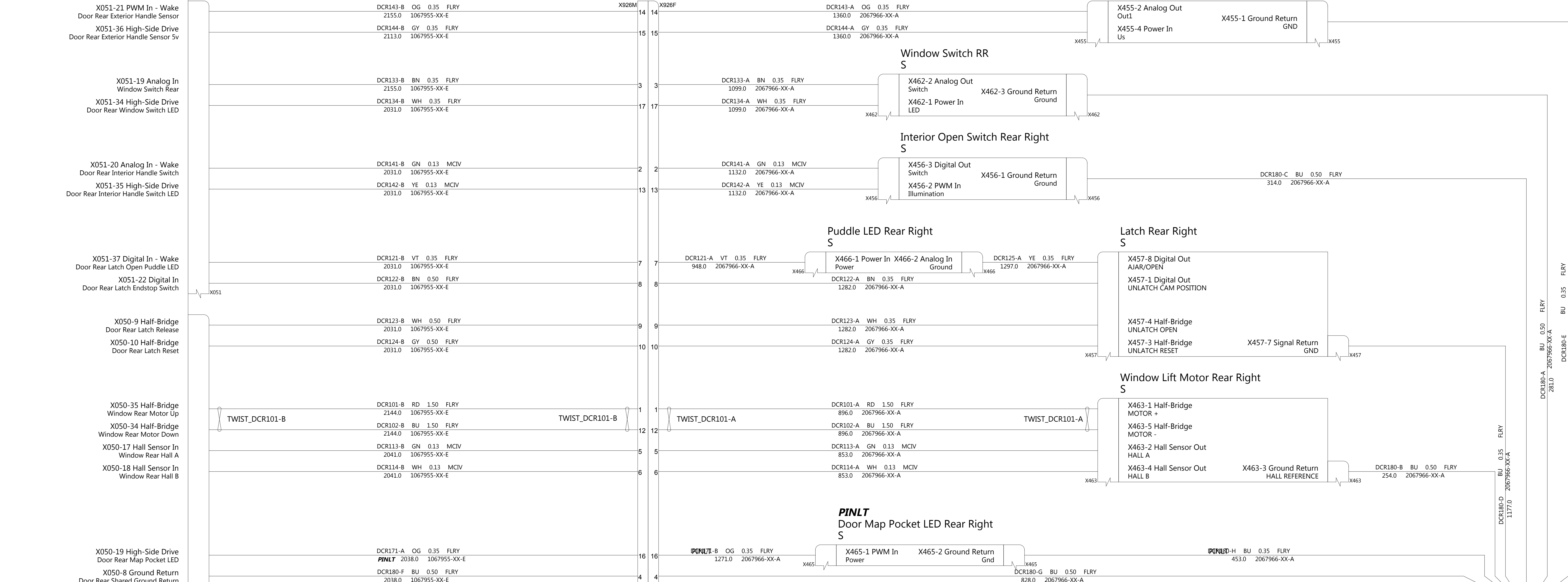
PART NAME Door Front Right

PART NUMBER	REV	SHEET	SIZE
	2	15 of 29	A0

Body Controller Left
A,D,J,W,K

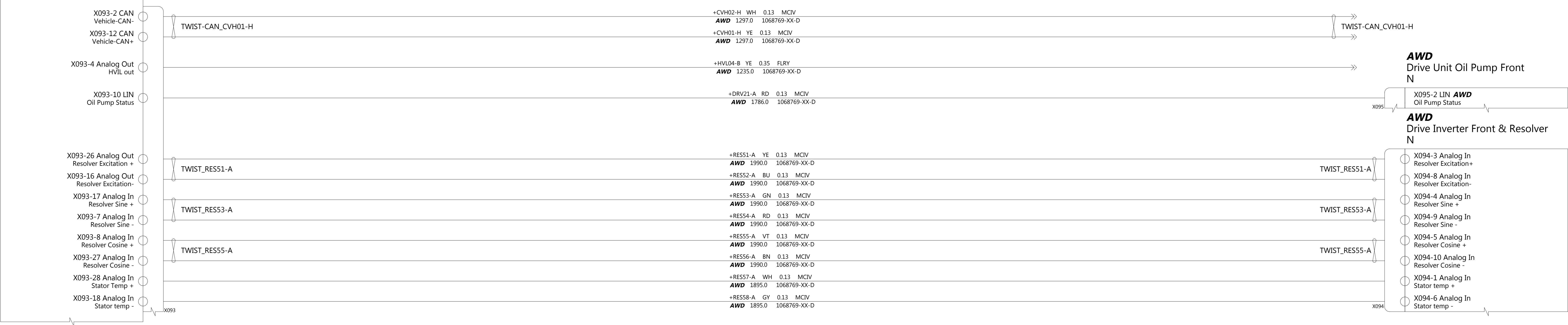


Body Controller Right
B,P,J,W

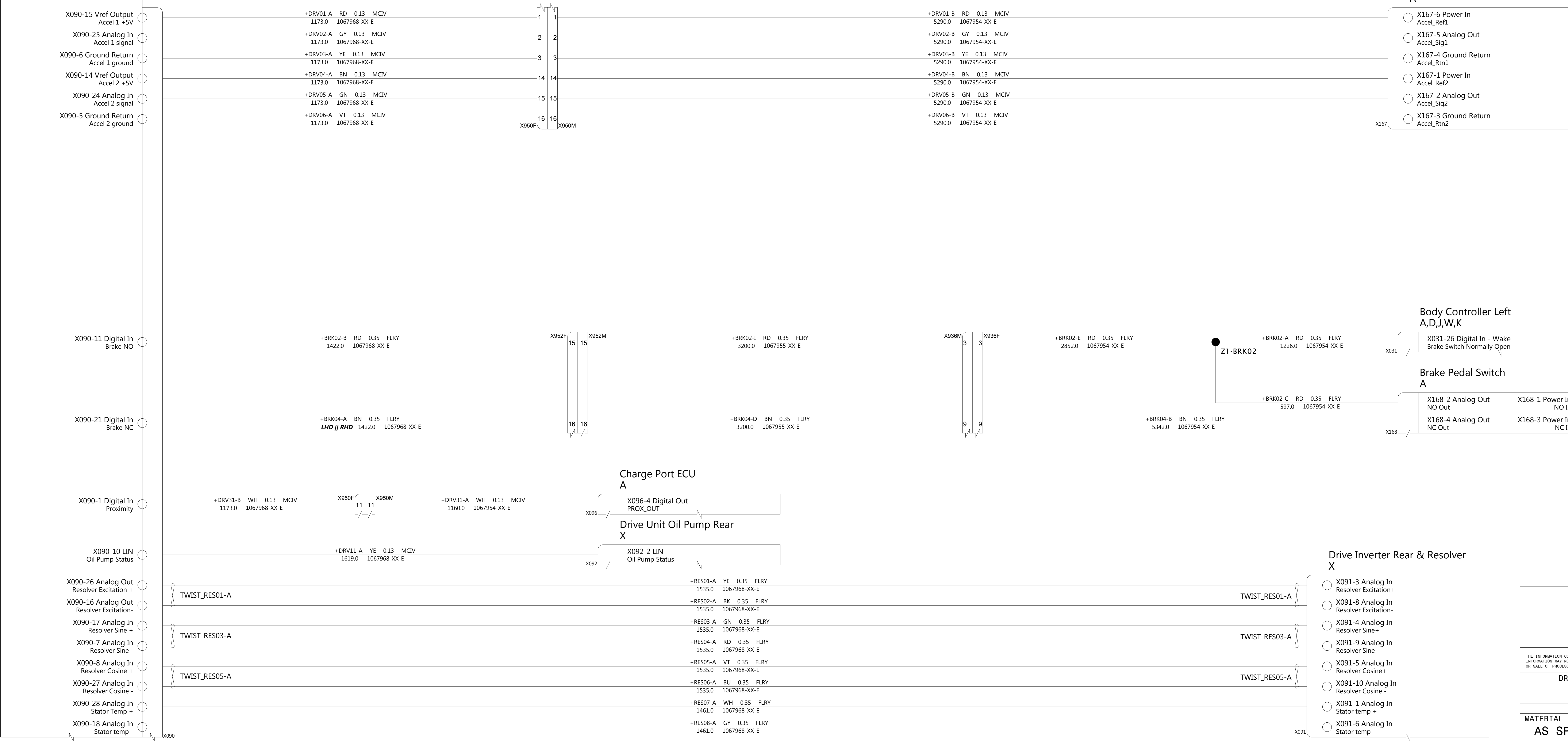


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DRAWN	CHECKED	APPROVED	
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE	
PART NAME Doors Rear			
PART NUMBER	REV 2	SHEET 16 OF 29	SIZE A0

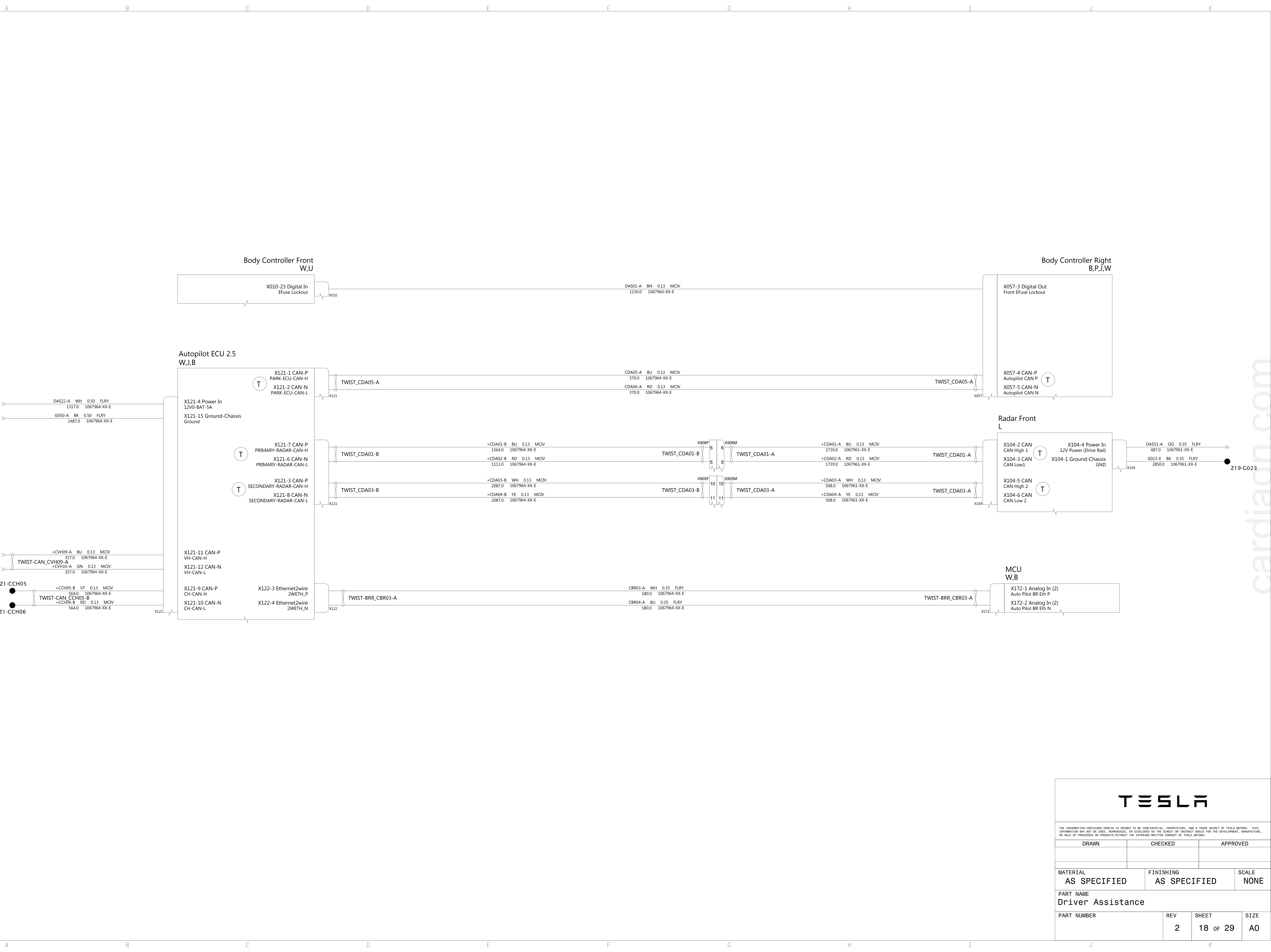
AWD
Drive Inverter Front & Resolver
N



Drive Inverter Rear & Resolver
X



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DRAWN	CHECKED	APPROVED	
MATERIAL	FINISHING	SCALE	
AS SPECIFIED	AS SPECIFIED	NONE	
PART NAME			
Drive Inverters			
PART NUMBER	REV	SHEET	SIZE
	2	17 OF 29	A0



TESLA

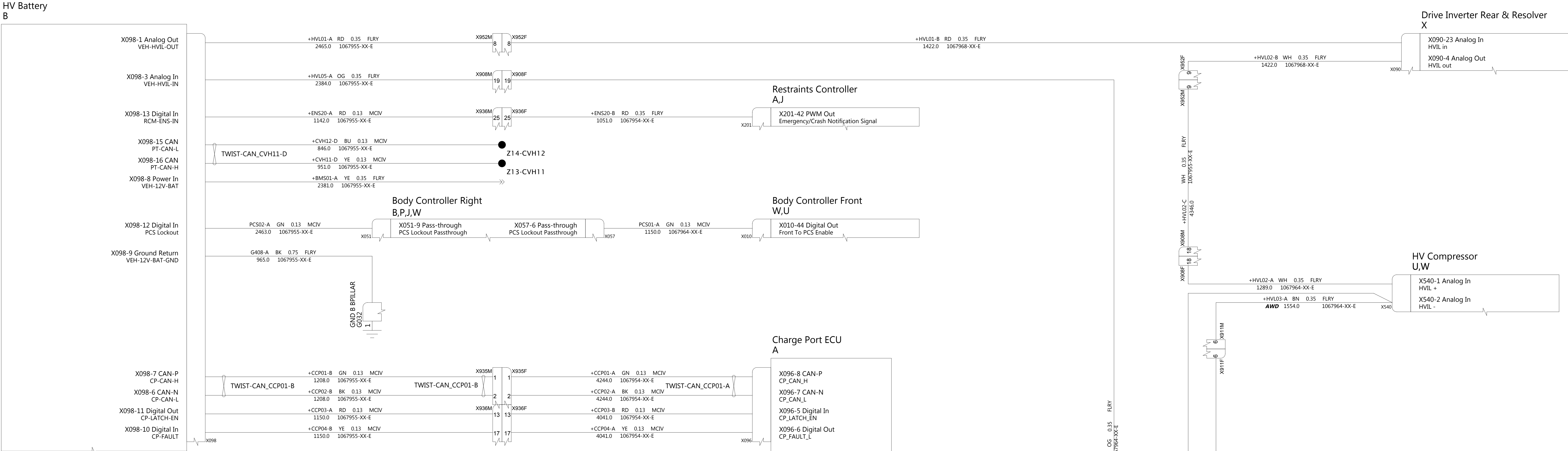
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DRAWN	CHECKED	APPROVED

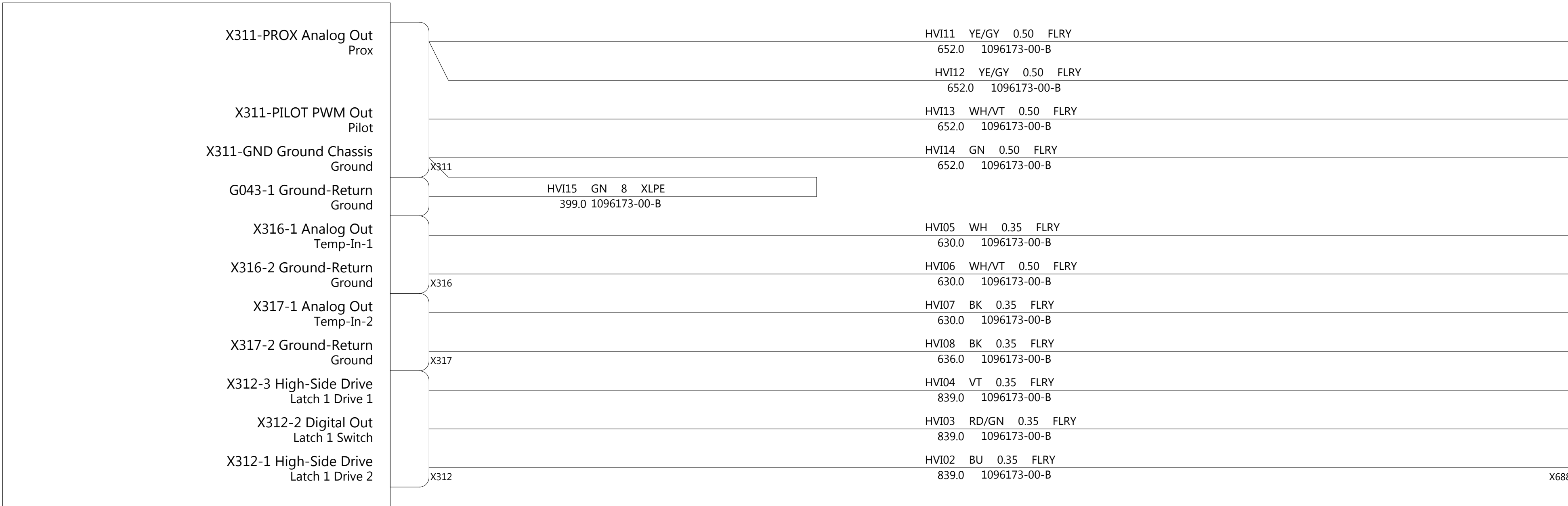
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
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PART NAME Driver Assistance

PART NUMBER	REV	SHEET	SIZE
	2	18 of 29	A0



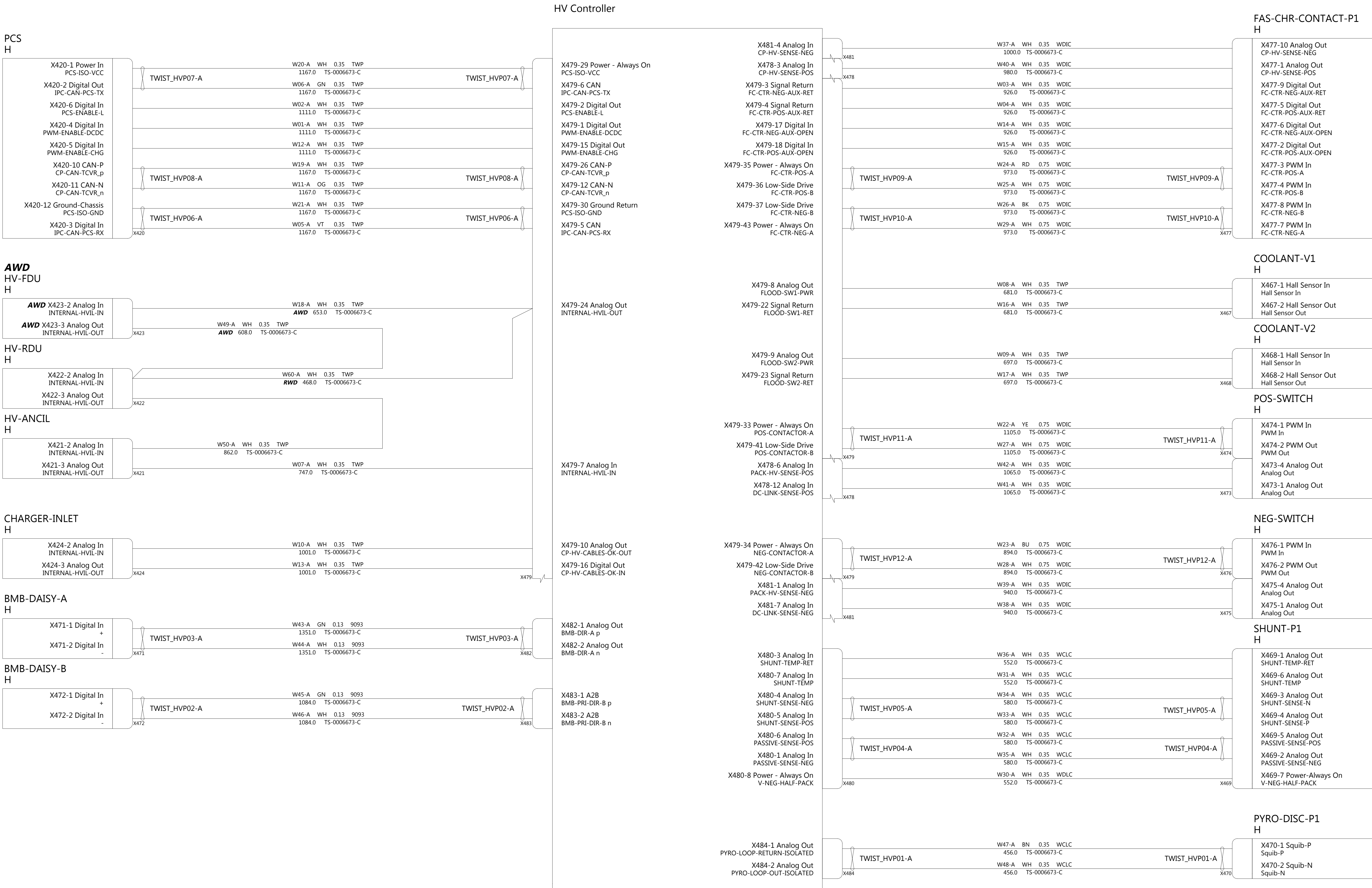
Charge Port Inlet, SAE E



Charge Port Door



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DRAWN		CHECKED	
		APPROVED	
MATERIAL		FINISHING	
AS SPECIFIED		AS SPECIFIED	
		SCALE	
		NONE	
PART NAME			
HV Battery and HVIL			
PART NUMBER		REV	SHEET
		2	19 OF 29
		SIZE	
		A0	

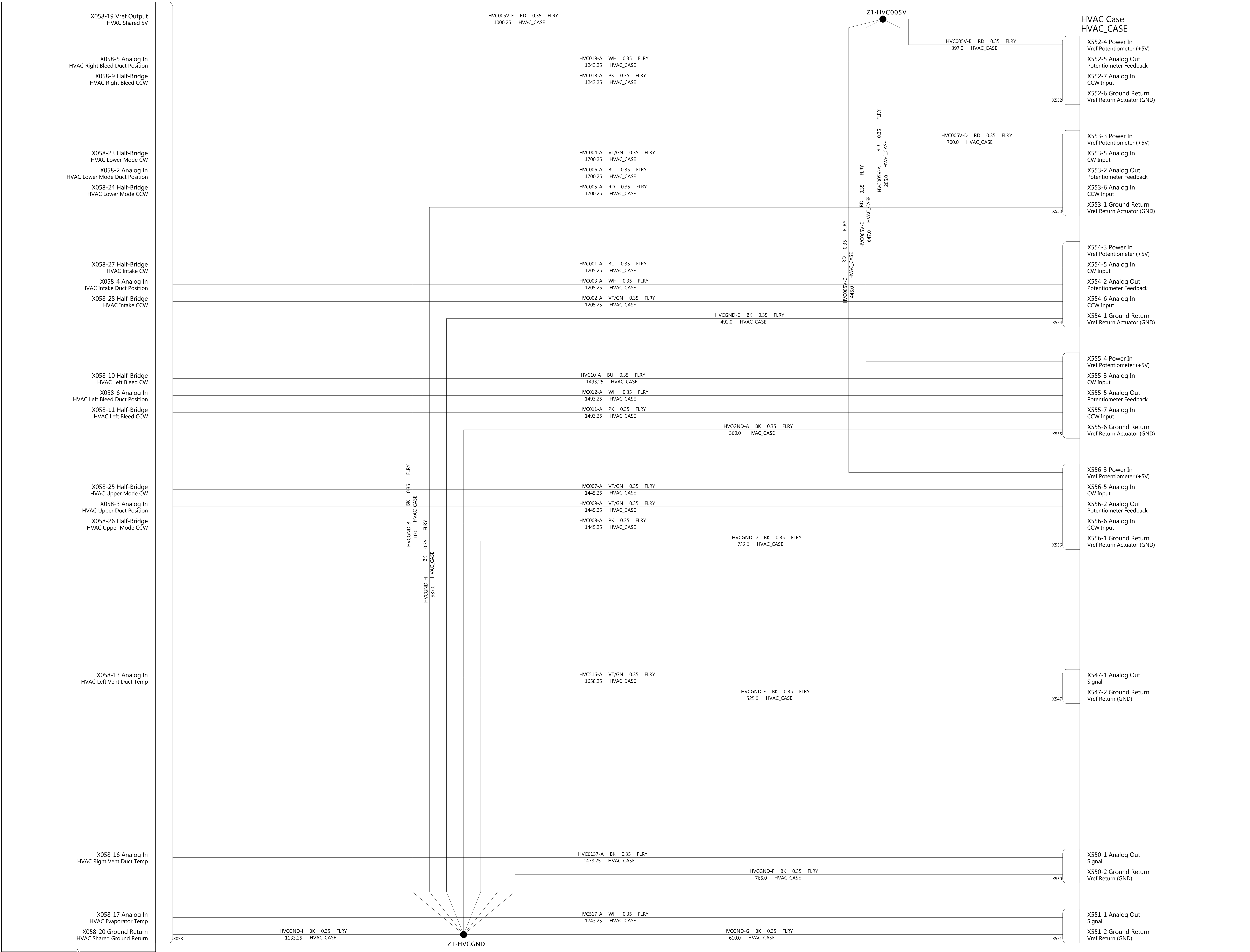


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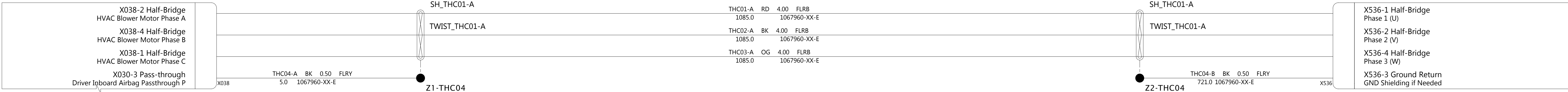
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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED		FINISHING AS SPECIFIED
PART NAME HV Penthouse		SCALE NONE
PART NUMBER	REV 2	SHEET 20 of 29
		SIZE A0

Body Controller Right
B,P,I,W

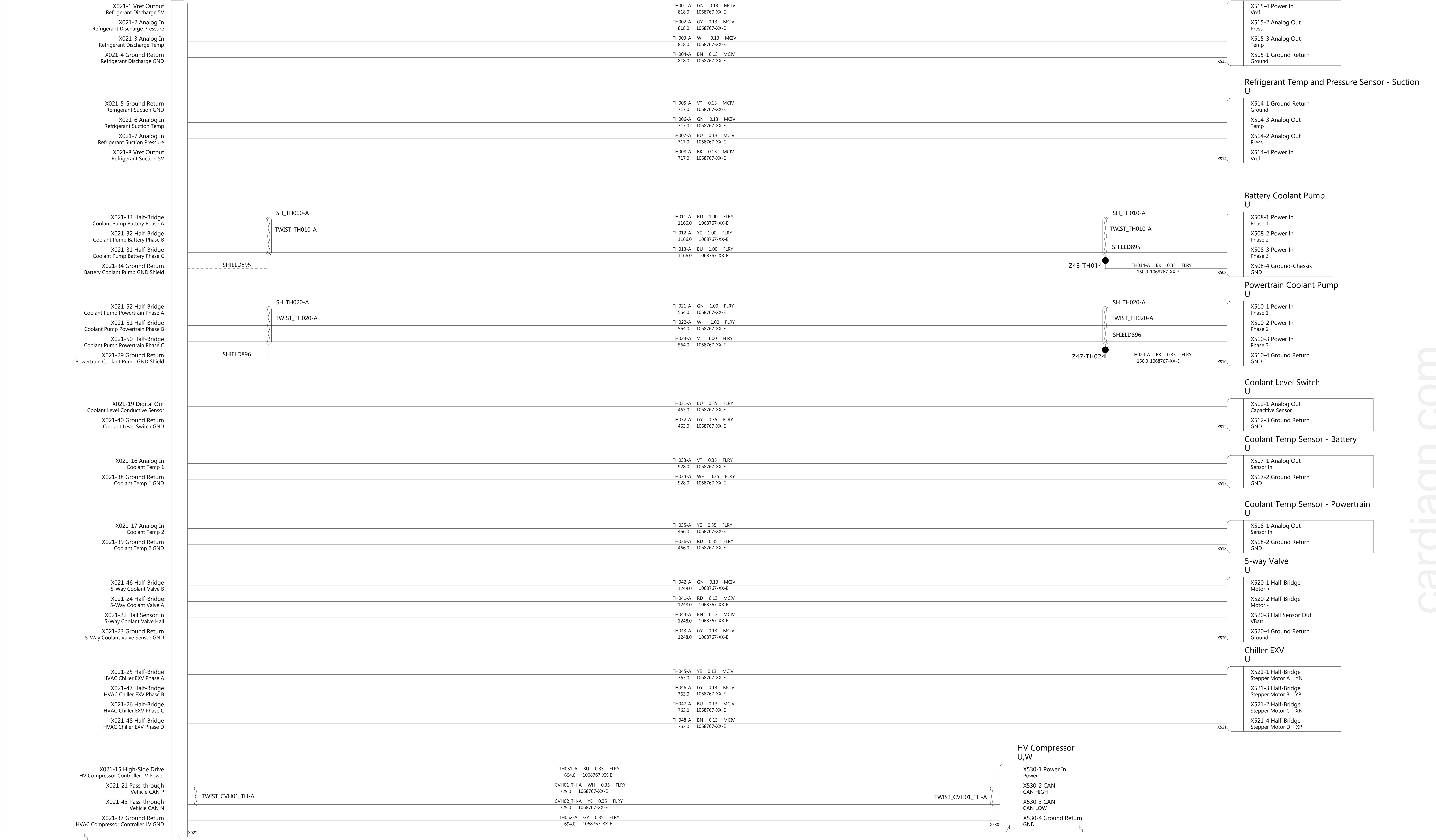


Body Controller Left
A,D,J,W,K



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DRAWN	CHECKED	APPROVED	
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE	
PART NAME HVAC Case Subassembly			
PART NUMBER	REV 2	SHEET 21 OF 29	SIZE A0

Body Controller Front
W,U



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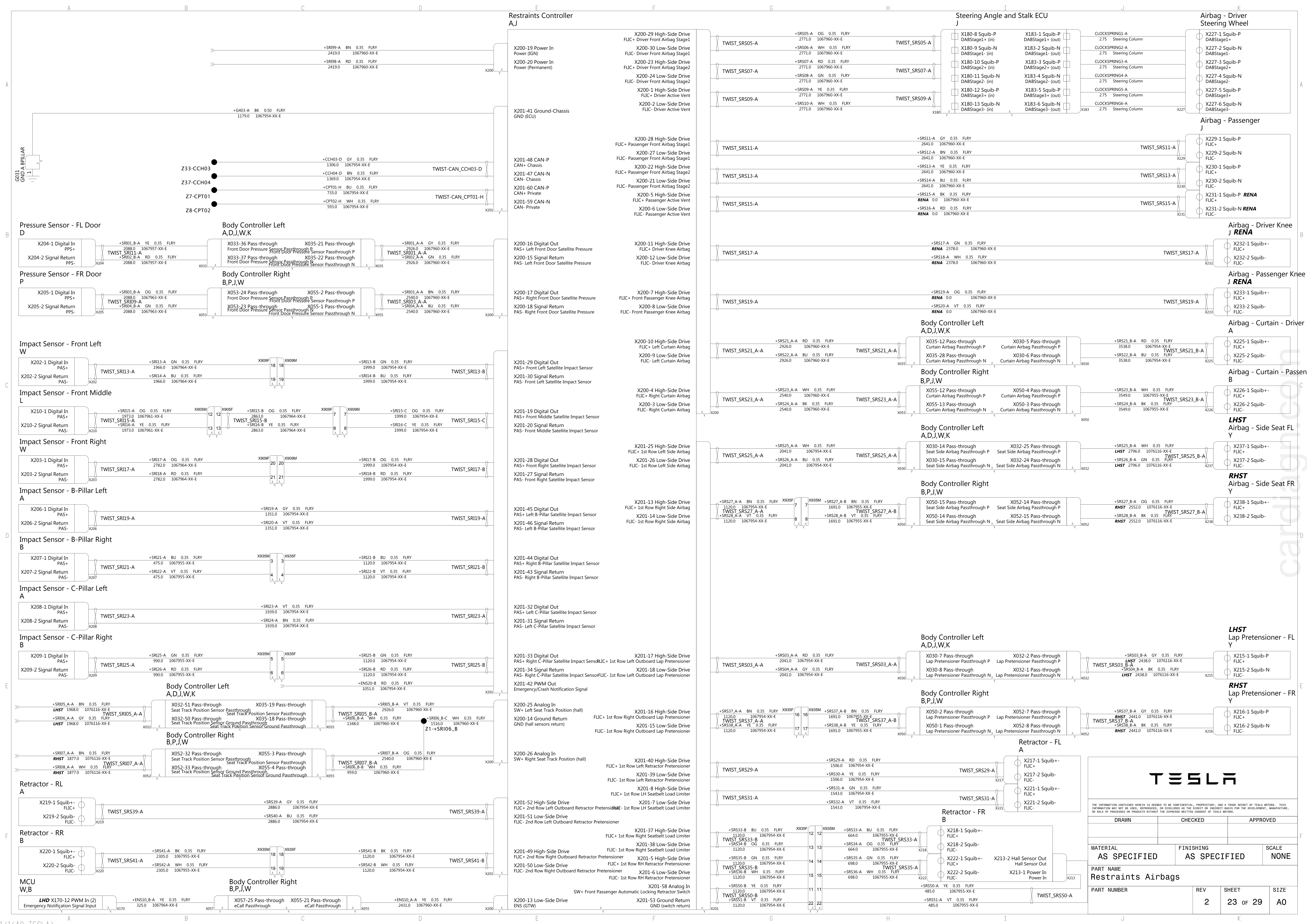
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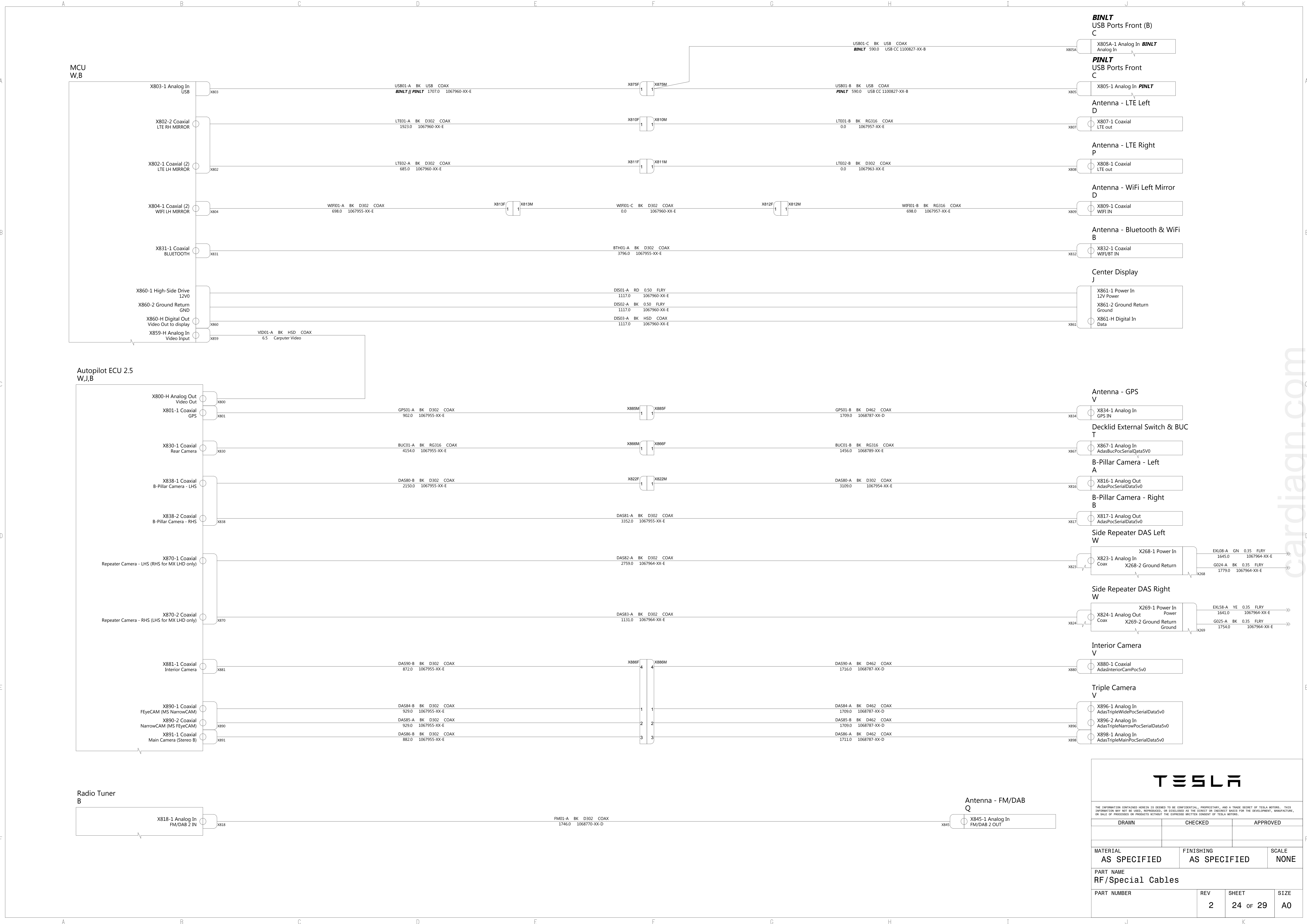
DRAWN	CHECKED	APPROVED

MATERIAL	FINISHING	SCALE
AS SPECIFIED	AS SPECIFIED	NONE

PART NAME
HVAC Thermal Subassembly

PART NUMBER	REV	SHEET	SIZE
	2	22 of 29	A0





Body Controller Left
A,D,J,W,K

X032-49 High-Side Drive
Lumbar ECU
X032-18 UN
Lumbar ECU LIN

X032-9 Half-Bridge
Seat Front Backrest Up
X032-10 Half-Bridge
Seat Front Backrest Down
X032-4 Hall Sensor In
Seat Front Backrest Hall

X032-31 High-Side Drive
Seat Front Heat Pad Backrest
X032-26 Ground Return
Heat Pad Backrest Ground Return

X032-32 High-Side Drive
Seat Front Heat Pad Cushion
X032-48 Ground Return
Heat Pad Cushion Ground Return
X032-22 Analog In
Seat Front Thermistor Cushion

X032-34 Half-Bridge
Seat Front Lift Down
X032-33 Half-Bridge
Seat Front Lift Up
X032-3 Hall Sensor In
Seat Front Lift Hall

X032-6 Ground Return
Seat Front Shared Ground Return

X032-51 Pass-through
Seat Track Position Sensor Passthrough
X032-50 Pass-through
Seat Track Position Sensor Ground Passthrough

X032-12 Half-Bridge
Seat Front Track Forward
X032-13 Half-Bridge
Seat Front Track Reverse
X032-5 Hall Sensor In
Seat Front Track Hall

X032-42 Analog In
Seat Front Lumbar Switch
X032-44 Analog In
Seat Front Track Backrest Switch
X032-43 Analog In
Seat Front Lift Switch

X032-41 Analog In
Seat Driver Occupancy Sensor

X032-27 Analog In
Seat Front Buckle Sensor

X032-36 Half-Bridge
Seat Front Tilt Up
X032-37 Half-Bridge
Seat Front Tilt Down
X032-47 Hall Sensor In
Seat Front Tilt Hall

SCL01-A RD 0.35 FLRY
LHST && PREMST 2472.0 1076116-XX-E
SCL02-A BN 0.35 FLRY
LHST && PREMST 2472.0 1076116-XX-E

SCL09-A YE 0.75 FLRY
LHST && PREMST 2537.0 1076116-XX-E
SCL10-A BK 0.75 FLRY
LHST && PREMST 2537.0 1076116-XX-E
SCL11-A OG 0.35 FLRY
LHST && PREMST 2537.0 1076116-XX-E

SCL13-A RD 0.50 FLRY
LHST 1746.0 1076116-XX-E
SCL14-A BU 0.50 FLRY
LHST 1746.0 1076116-XX-E

SCL15-A YE 0.50 FLRY
LHST 1766.0 1076116-XX-E
SCL16-A GN 0.50 FLRY
LHST 1766.0 1076116-XX-E
SCL17-A GY 0.35 FLRY
LHST 1766.0 1076116-XX-E

SCL18-A GN 0.75 FLRY
LHST 1841.0 1076116-XX-E
SCL19-A WH 0.75 FLRY
LHST 1841.0 1076116-XX-E
SCL20-A VT 0.35 FLRY
LHST 1841.0 1076116-XX-E

SCL80-J BK 0.35 FLRY
LHST 1673.0 1076116-XX-E

+SRI05_A-A BN 0.35 FLRY
LHST 1968.0 1076116-XX-E
+SRI06_A-A GY 0.35 FLRY
LHST 1968.0 1076116-XX-E

SCL23-A BU 1.00 FLRY
LHST && PREMST 1939.0 1076116-XX-E
SCL24-A GY 1.00 FLRY
LHST && PREMST 1939.0 1076116-XX-E
SCL25-A WH 0.13 MCV
LHST && PREMST 1939.0 1076116-XX-E

SCL26-A RD 0.13 MCV
LHST && PREMST 2224.0 1076116-XX-E
SCL27-A YE 0.35 FLRY
LHST && PREMST 2224.0 1076116-XX-E
SCL28-A VT 0.13 MCV
LHST 2224.0 1076116-XX-E

SCL29-A OG 0.35 FLRY
DRIVR && LHST 1728.0 1076116-XX-E

SCL32-A YE 0.35 FLRY
LHST 2158.0 1076116-XX-E

SCL40-A YE 0.75 FLRY
LHST && PREMST 1791.0 1076116-XX-E
SCL41-A VT 0.75 FLRY
LHST && PREMST 1791.0 1076116-XX-E
SCL42-A OG 0.35 FLRY
LHST && PREMST 1791.0 1076116-XX-E

PREMST
Lumbar
Y

X619-1 Power In
+12V Power
X619-6 LIN
LIN

X619-3 Pass-through
Power to Pump
X619-4 Pass-through
Pump Ground
X619-2 Ground Return
Module Ground

SCL03-A OG 0.35 FLRY
LHST && PREMST 301.0 1076116-XX-E
SCL04-A BU 0.35 FLRY
LHST && PREMST 301.0 1076116-XX-E

PREMST
Lumbar
Y

X620-1 Power In
Power to Pump
X620-3 Ground Return
Ground

SCL80-I BK 0.35 FLRY
LHST && PREMST 892.0 1076116-XX-E

PREMST
Seat Backrest Pitch Front
Y

X613-1 Power In
Power (U+ = SEAT FORWARD, CW)
X613-3 Power In
Power (U+ = SEAT REARWARD, CCW)
X613-2 PWM Out
Hall Effect

X613-4 Ground Return
Hall Effect

Heat Pad Backrest Front
Y

X616-2 Power In
Heat +12V
X616-1 Ground Return
Heat GND

Heat Pad Cushion Front
Y

X617-2 Power In
Heater Supply
X617-1 Ground Return
Heater GND
X617-3 Analog In
NTC +

X617-4 Ground Return
NTC - Supply (GND)

SCL80-A BK 0.35 FLRY
LHST 181.0 1076116-XX-E

Lift Motor
Y

X618-3 Half-Bridge
Down
X618-1 Half-Bridge
Up
X618-2 Hall Sensor Out
Hall effect signal

X618-4 Ground Return
Hall effect ground

SCL80-F BK 0.35 FLRY
LHST 193.0 1076116-XX-E

Seat Track Position Sensor
Y

X624-2 Analog Out
Signal
X624-1 Ground Return
Return

PREMST
Track Motor
Y

X614-1 Power In
Fore
X614-5 Power In
Aft
X614-4 Hall Sensor Out
Hall effect signal

X614-2 Ground Return
Hall effect ground

SCL80-C BK 0.35 FLRY
LHST && PREMST 281.0 1076116-XX-E

Seat Switchpack Front Left
YL

X631-3 Analog Out Lumbar
X631-2 Analog Out Track/Backrest
X631-1 Analog Out Lift/Tilt

LHST && PREMST

LHST && PREMST

LHST && PREMST

LHST && PREMST

LHST && PREMST

LHST && PREMST

LHST && PREMST

LHST && PREMST

LHST && PREMST

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LHST && PREMST

LHST && PREMST

LHST && PREMST

LHST && PREMST

DRIVR
Occupancy Sensor Front
Y

X622-1 Analog Out
Signal

X622-2 Ground Return
Return

LHST
Seatbelt Buckle Switch Front Left
Y

X610-1 Power In
Power In

X610-2 Ground Return
Ground Return

PREMST
Tilt Motor
Y

X621-1 Half-Bridge
Up
X621-3 Half-Bridge
Down
X621-4 Hall Sensor Out
Hall effect signal

X621-2 Ground Return
Hall effect ground

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DRAWN	CHECKED	APPROVED

MATERIAL	FINISHING	SCALE
AS SPECIFIED	AS SPECIFIED	NONE

PART NAME
Seats Front Left

PART NUMBER	REV	SHEET	SIZE
	2	25 of 29	A0

Body Controller Right
B,P,J,W

X052-34 High-Side Drive Lumbar ECU
X052-21 LIN Lumbar ECU LIN

X052-30 Half-Bridge Seat Front Backrest Up
X052-29 Half-Bridge Seat Front Backrest Down
X052-5 Hall Sensor In Seat Front Backrest Hall

X052-52 High-Side Drive Seat Front Heat Pad Backrest
X052-13 Ground Return Heat Pad Backrest Ground Return

X052-51 High-Side Drive Seat Front Heat Pad Cushion
X052-35 Ground Return Heat Pad Cushion Ground Return
X052-17 Analog In Seat Front Thermistor Cushion

X052-49 Half-Bridge Seat Front Lift Down
X052-50 Half-Bridge Seat Front Lift Up
X052-6 Hall Sensor In Seat Front Lift Hall

X052-3 Ground Return Seat Front Shared Ground Return

X052-32 Pass-through Seat Track Position Sensor Passthrough
X052-33 Pass-through Seat Track Position Sensor Ground Passthrough

X052-27 Half-Bridge Seat Front Track Forward
X052-26 Half-Bridge Seat Front Track Reverse
X052-4 Hall Sensor In Seat Front Track Hall

X052-41 Analog In Seat Front Lumbar Switch
X052-39 Analog In Seat Front Track Backrest Switch
X052-40 Analog In Seat Front Lift Switch

X052-42 Analog In Seat Driver Occupancy Sensor

X052-20 High-Side Drive Occupant Classification ECU
X052-44 CAN-P Chassis CAN P
X052-45 CAN-N Chassis CAN N
X052-22 Ground Return Occupant Classification ECU Ground Return

X052-12 Analog In Seat Front Buckle Sensor

X052-47 Half-Bridge Seat Front Tilt Up
X052-46 Half-Bridge Seat Front Tilt Down
X052-36 Hall Sensor In Seat Front Tilt Hall

SCR01-A RD 0.35 FLRY
PREMST && RHST 2475.0 1076116-XX-E
SCR02-A BN 0.35 FLRY
PREMST && RHST 2475.0 1076116-XX-E

SCR09-A YE 0.75 FLRY
PREMST && RHST 2540.0 1076116-XX-E
SCR10-A BK 0.75 FLRY
PREMST && RHST 2540.0 1076116-XX-E
SCR11-A OG 0.35 FLRY
PREMST && RHST 2540.0 1076116-XX-E

SCR13-A RD 0.50 FLRY
RHST 1749.0 1076116-XX-E
SCR14-A BU 0.50 FLRY
RHST 1749.0 1076116-XX-E

SCR15-A YE 0.50 FLRY
RHST 1769.0 1076116-XX-E
SCR16-A GN 0.50 FLRY
RHST 1769.0 1076116-XX-E
SCR17-A GY 0.35 FLRY
RHST 1769.0 1076116-XX-E

SCR18-A GN 0.75 FLRY
RHST 1844.0 1076116-XX-E
SCR19-A WH 0.75 FLRY
RHST 1844.0 1076116-XX-E
SCR20-A VT 0.35 FLRY
RHST 1844.0 1076116-XX-E

SCR80-C BK 0.35 FLRY
RHST 1673.0 1076116-XX-E

+SR107_A-A BN 0.35 FLRY
RHST 1877.0 1076116-XX-E
+SR108_A-A WH 0.35 FLRY
RHST 1877.0 1076116-XX-E

SCR23-A BU 1.00 FLRY
PREMST && RHST 1942.0 1076116-XX-E
SCR24-A GY 1.00 FLRY
PREMST && RHST 1942.0 1076116-XX-E
SCR25-A WH 0.13 MCIV
PREMST && RHST 1942.0 1076116-XX-E

SCR26-A RD 0.13 MCIV
PREMST && RHST 2227.0 1076116-XX-E
SCR27-A YE 0.35 FLRY
PREMST && RHST 2227.0 1076116-XX-E
SCR28-A VT 0.13 MCIV
RHST 2227.0 1076116-XX-E

SCR29-A OG 0.35 FLRY
DRIVR && RHST 1731.0 1076116-XX-E

SCR30-A BU 0.13 MCIV
PASSN && RHST 1721.0 1076116-XX-E
+CCH05_FRS-A GN 0.13 MCIV
PASSN && RHST 1808.0 1076116-XX-E
+CCH06_FRS-A YE 0.13 MCIV
PASSN && RHST 1808.0 1076116-XX-E
SCR31-A YE 0.13 MCIV
PASSN && RHST 1721.0 1076116-XX-E

OCS Sandwich

Upper Electrode-1
Lower Electrode-2

Upper Electrode
80.0 1121234-00-B
Lower Electrode
80.0 1121234-00-B

OCS Self-Capacitance

Cushion-1
Seatback-2

Cushion
245.0 1098785-00-A
Seatback
245.0 1098785-00-A

SCR32-A YE 0.35 FLRY
RHST 2164.0 1076116-XX-E

SCR40-A YE 0.75 FLRY
PREMST && RHST 1794.0 1076116-XX-E
SCR41-A VT 0.75 FLRY
PREMST && RHST 1794.0 1076116-XX-E
SCR42-A OG 0.35 FLRY
PREMST && RHST 1794.0 1076116-XX-E

PREMST
Lumbar
Y

X619-1 Power In +12V Power
X619-6 LIN LIN
X619-3 Pass-through Power to Pump
X619-4 Pass-through Pump Ground
X619-2 Ground Return Module Ground

SCR03-A OG 0.35 FLRY
PREMST && RHST 301.0 1076116-XX-E
SCR04-A BU 0.35 FLRY
PREMST && RHST 301.0 1076116-XX-E

SCR80-1 BK 0.35 FLRY
PREMST && RHST 892.0 1076116-XX-E

PREMST
Lumbar
Y

X620-1 Power In Power to Pump
X620-3 Ground Return Ground

PREMST
Seat Backrest Pitch Front
Y

X613-1 Power In Power (U+ = SEAT FORWARD, CW)
X613-3 Power In Power (U+ = SEAT REARWARD, CCW)
X613-2 PWM Out Hall Effect
X613-4 Ground Return Hall Effect

Heat Pad Backrest Front
Y

X616-2 Power In Heat +12V
X616-1 Ground Return Heat GND

Heat Pad Cushion Front
Y

X617-2 Power In Heater Supply
X617-1 Ground Return Heater GND
X617-3 Analog In NTC +
X617-4 Ground Return NTC - Supply (GND)

Lift Motor
Y

X618-3 Half-Bridge Down
X618-1 Half-Bridge Up
X618-2 Hall Sensor Out Hall effect ground
X618-4 Ground Return Hall effect signal

Seat Track Position Sensor
Y

X624-2 Analog Out Signal
X624-1 Ground Return Return

PREMST
Track Motor
Y

X614-1 Power In Fore
X614-5 Power In Aft
X614-4 Hall Sensor Out Hall effect signal
X614-2 Ground Return Hall effect ground

Seat Switchpack Front Right
Y

X661-3 Analog Out **RHST && PREMST** Lumbar
X661-2 Analog Out **PREMST && RHST** Track/Backrest
X661-1 Analog Out X661-4 Ground Return Lift/Tilt Ground

DRIVR
Occupancy Sensor Front
Y

X622-1 Analog Out Signal
X622-2 Ground Return Return

PASSN
OCS
Y

X652-4 Power In Power
X652-2 CAN CAN-H
X652-1 CAN CAN-L
X652-3 Ground-Chassis Ground

X241-1 Analog In Upper Electrode
X241-2 Analog In Lower Electrode

X242-1 Analog In Cushion Self Sensor
X242-2 Analog In Seatback Self Sensor

RHST
Seatbelt Buckle Switch Front Right
Y

X640-1 Power In Power In
X640-2 Ground Return Ground Return

PREMST
Tilt Motor
Y

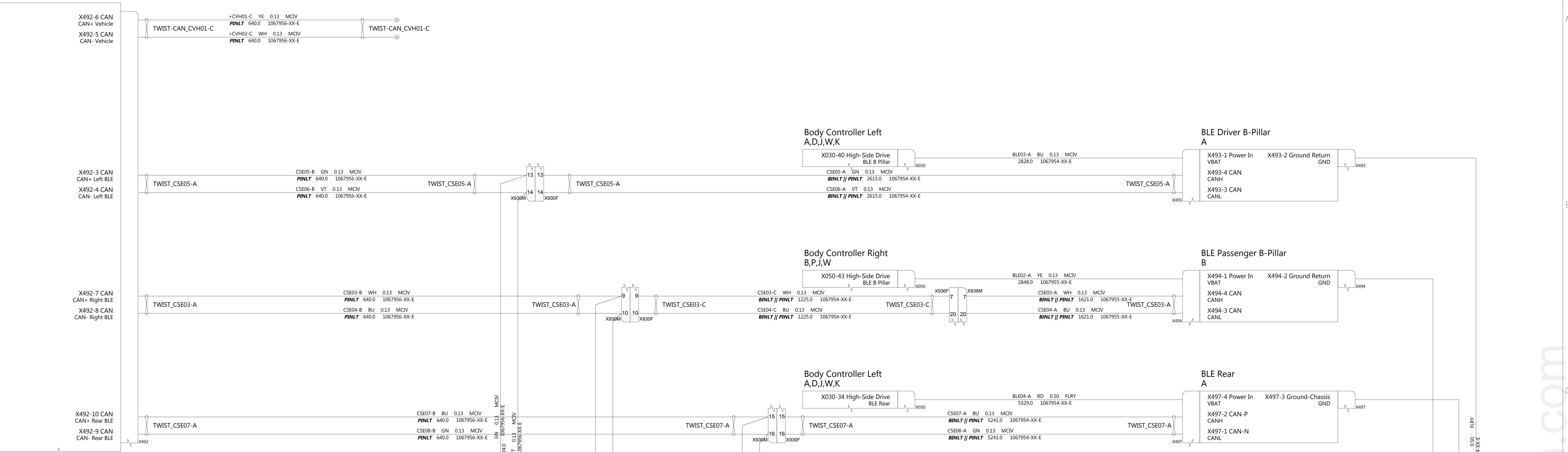
X621-1 Half-Bridge Up
X621-3 Half-Bridge Down
X621-4 Hall Sensor Out Hall effect signal
X621-2 Ground Return Hall effect ground

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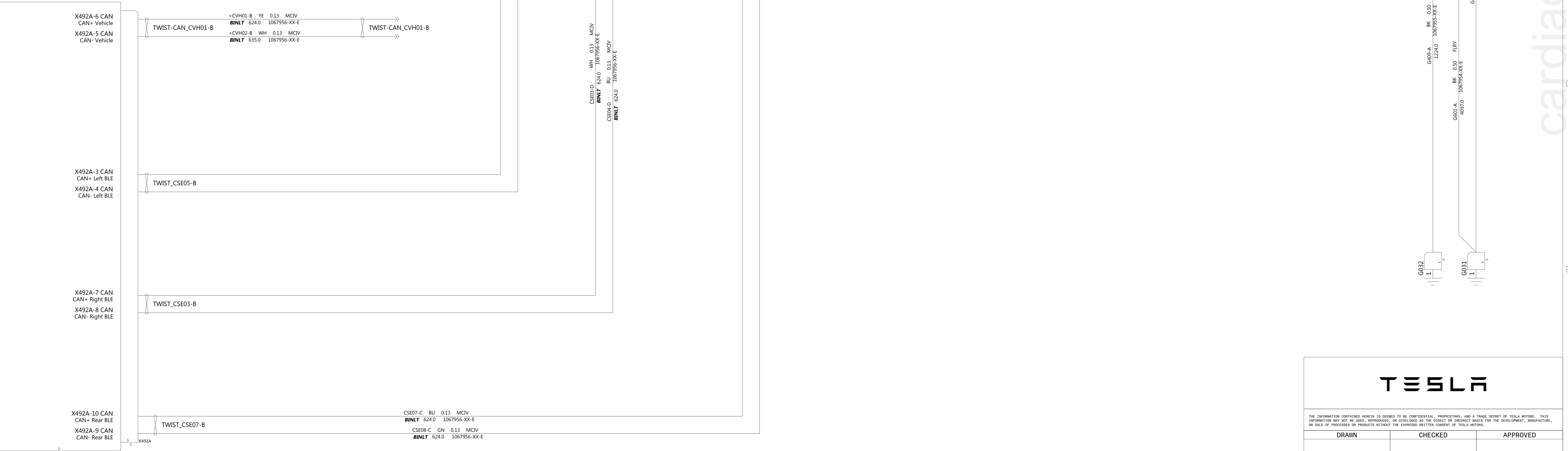
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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED		FINISHING AS SPECIFIED
PART NAME Seats Front Right		SCALE NONE
PART NUMBER	REV 2	SHEET 26 of 29
		SIZE A0

PINLT
Security Controller
C



BINLT
Security Controller (B)
C



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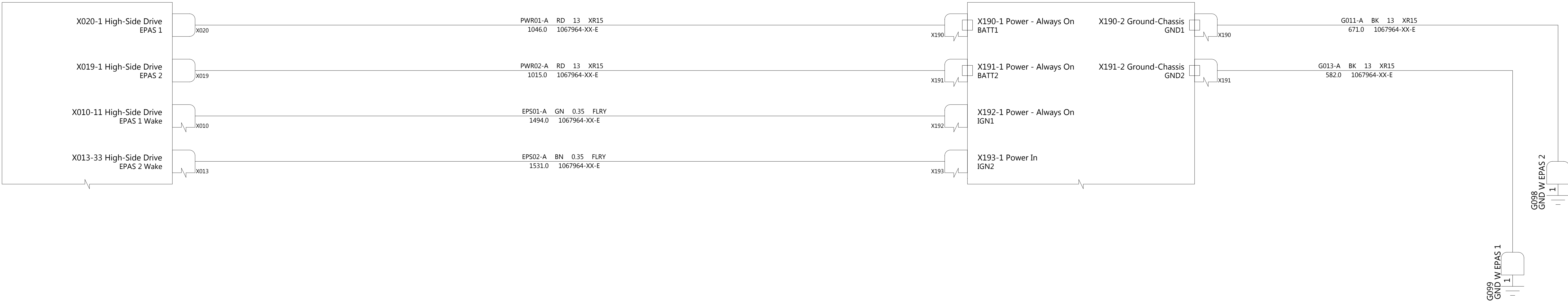
DRAWN	CHECKED	APPROVED

MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
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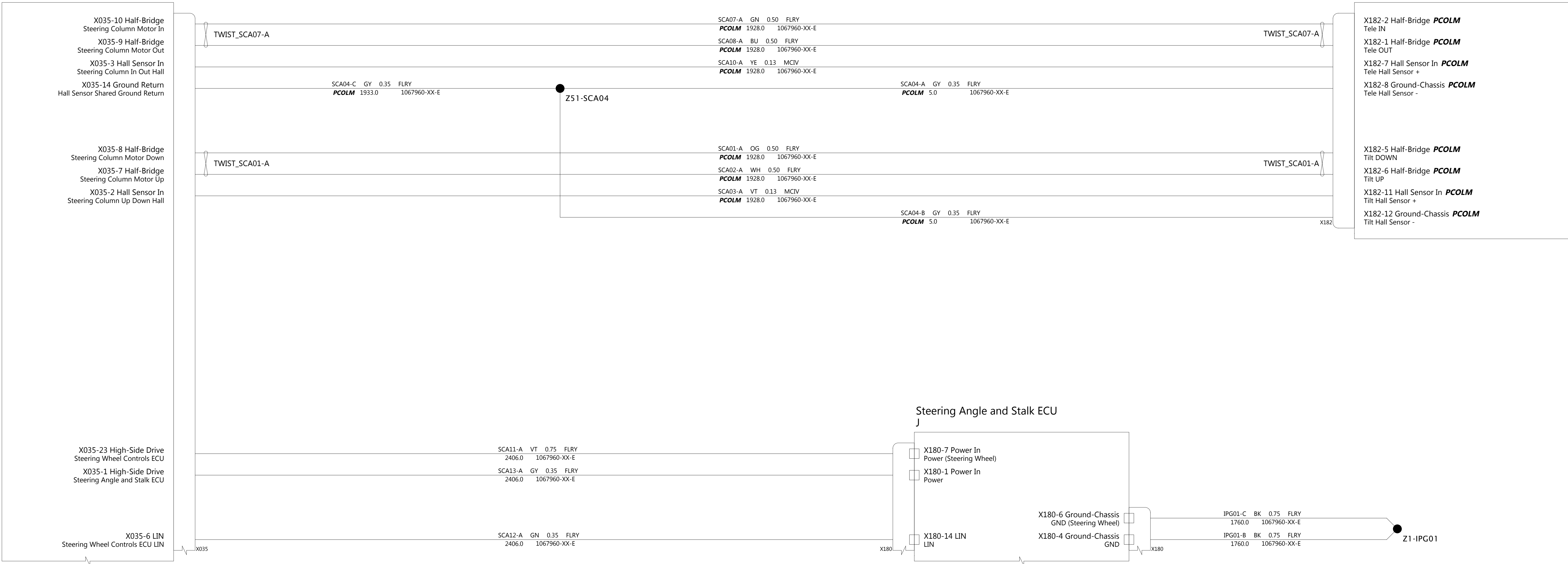
PART NAME Security Controls			
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PART NUMBER	REV	SHEET	SIZE
	2	27 of 29	A0

Body Controller Front
W,U



Body Controller Left
A,D,J,W,K



Steering Angle and Stalk ECU
J

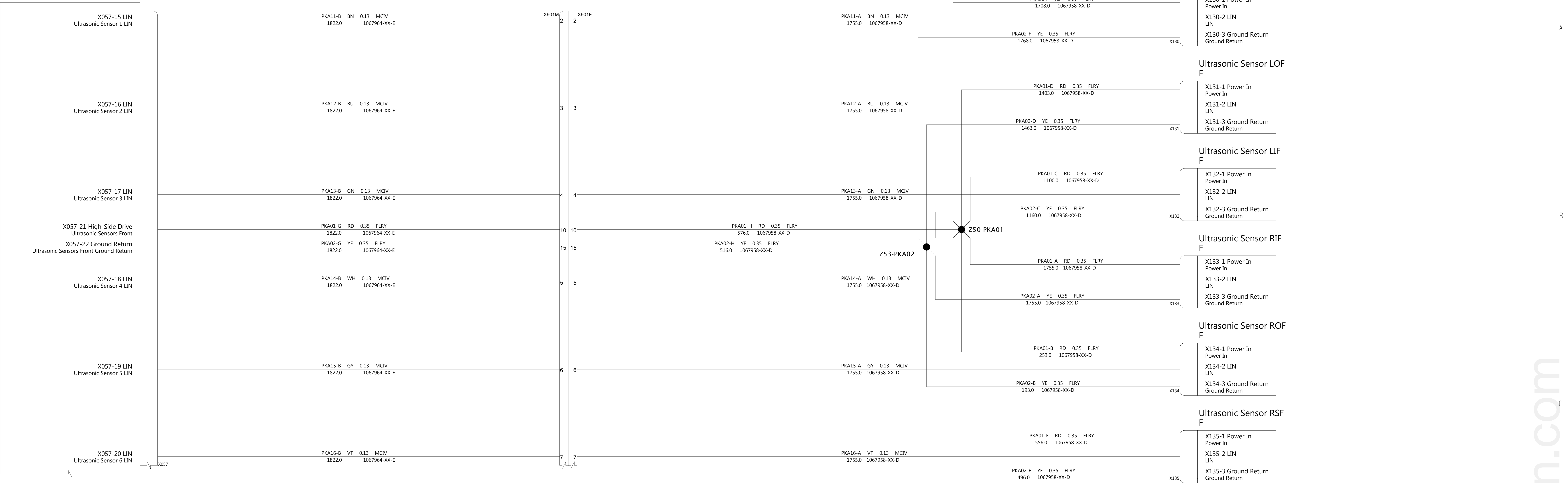
PCOLM
Steering Column Adjust
J

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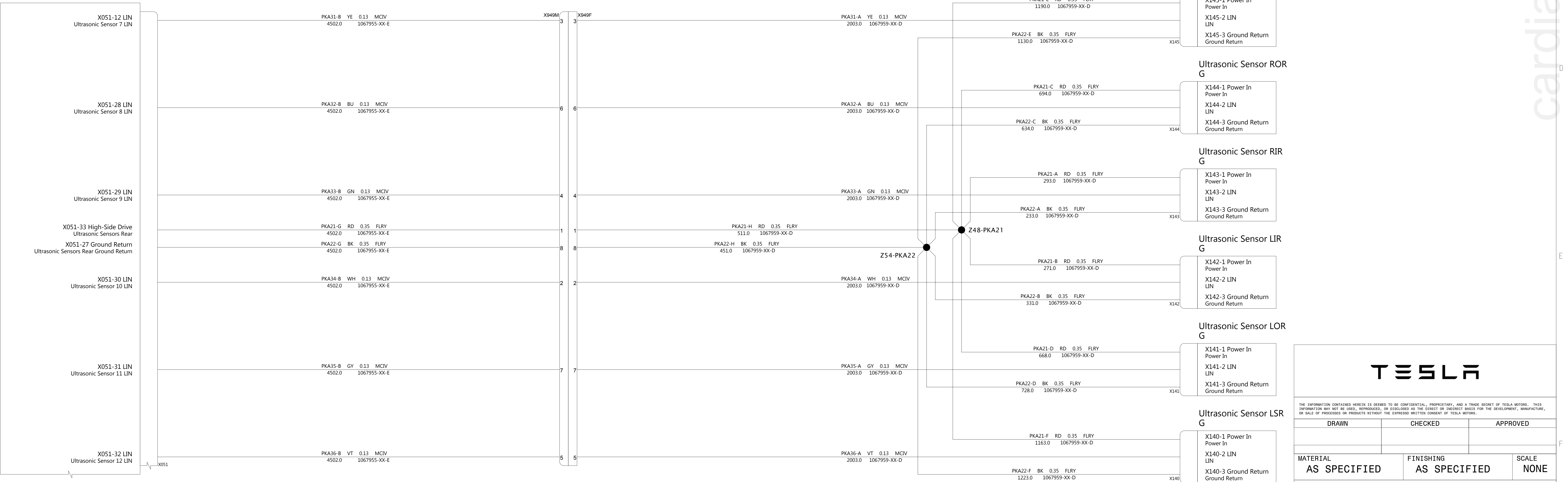
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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME Steering		
PART NUMBER	REV 2	SHEET 28 of 29
		SIZE A0

Body Controller Right
B,P,J,W



Body Controller Right
B,P,J,W



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DRAWN		CHECKED	APPROVED
MATERIAL AS SPECIFIED		FINISHING AS SPECIFIED	SCALE NONE

Horn Right - High Tone



Horn Left - Low Tone



Radar Front



Emergency Frunk Release Switch



Homelink ECU



Frunk Latch



Glass Heater - Windshield



Frunk Access Post



Autopilot ECU 2.5



Drive Inverter Front & Resolver



Drive Inverter Front & Resolver



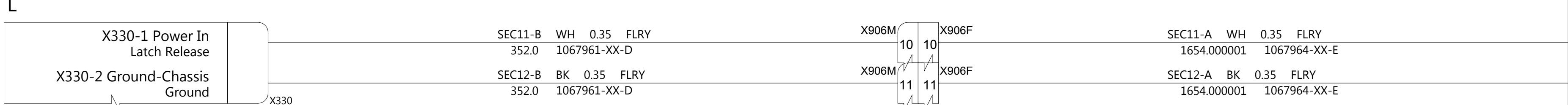
TXV Evaporator Solenoid



Drive Unit Oil Pump Front



Frunk Latch



Windshield - Washer Pump & Level Sensor



Frunk Latch



MCU



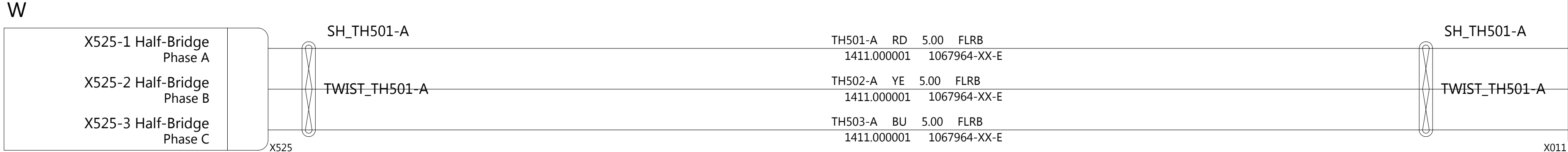
HCU/ESP



Wiper Motor



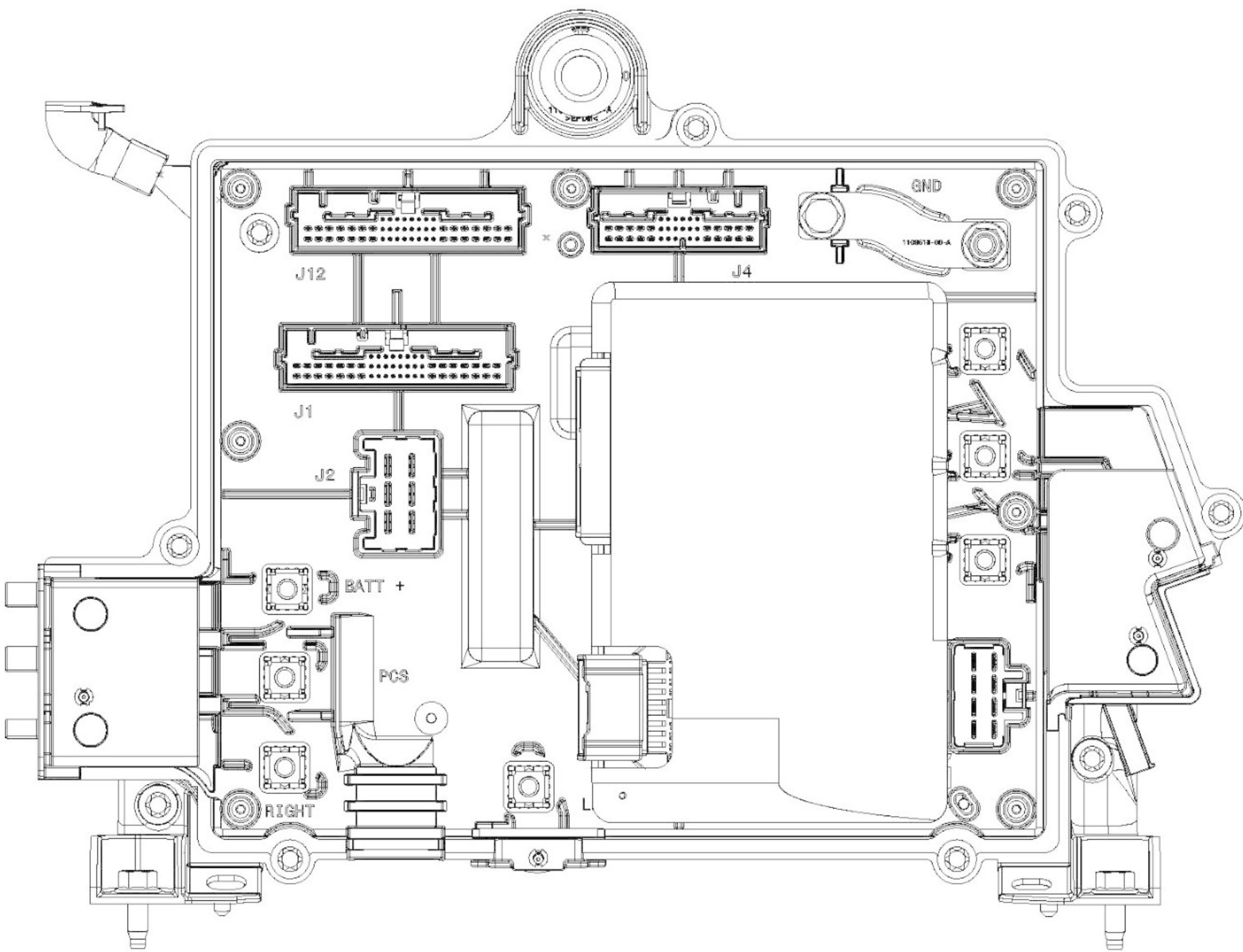
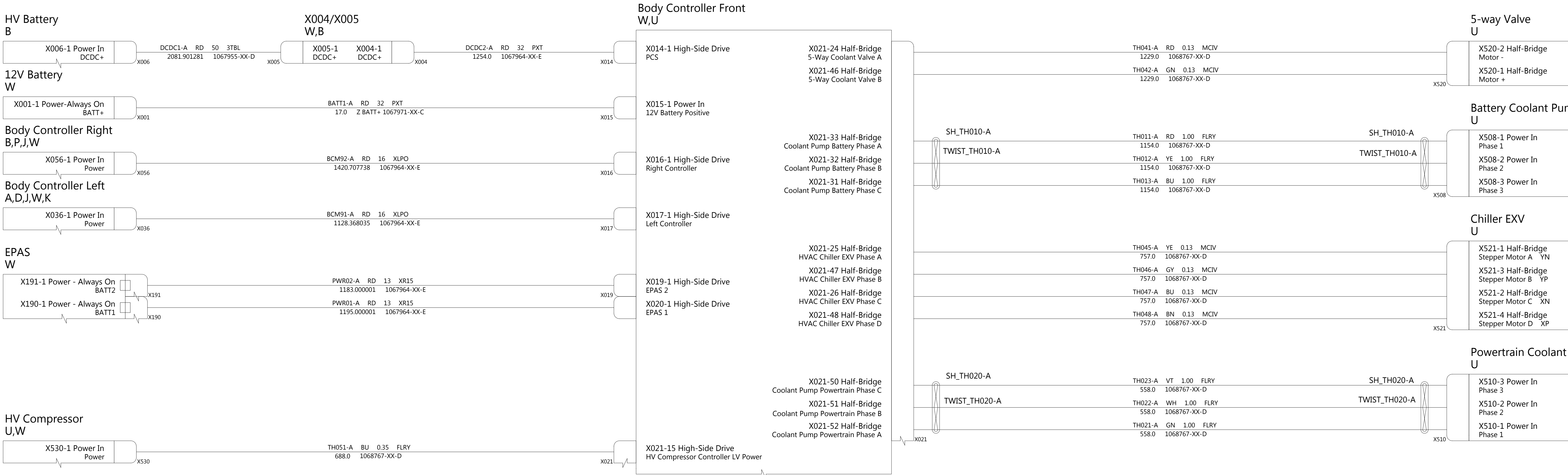
Condenser Fan



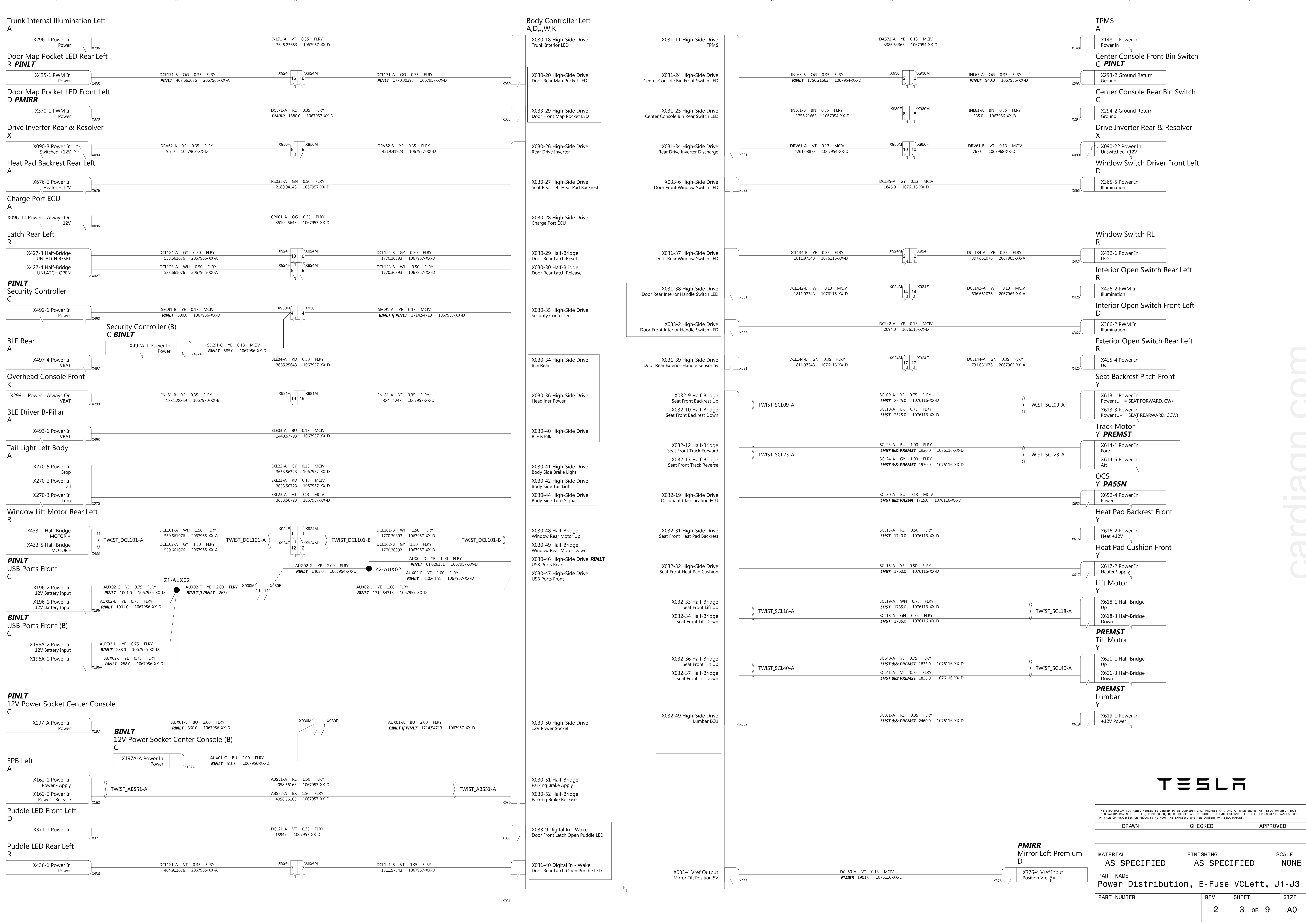
Body Controller Front

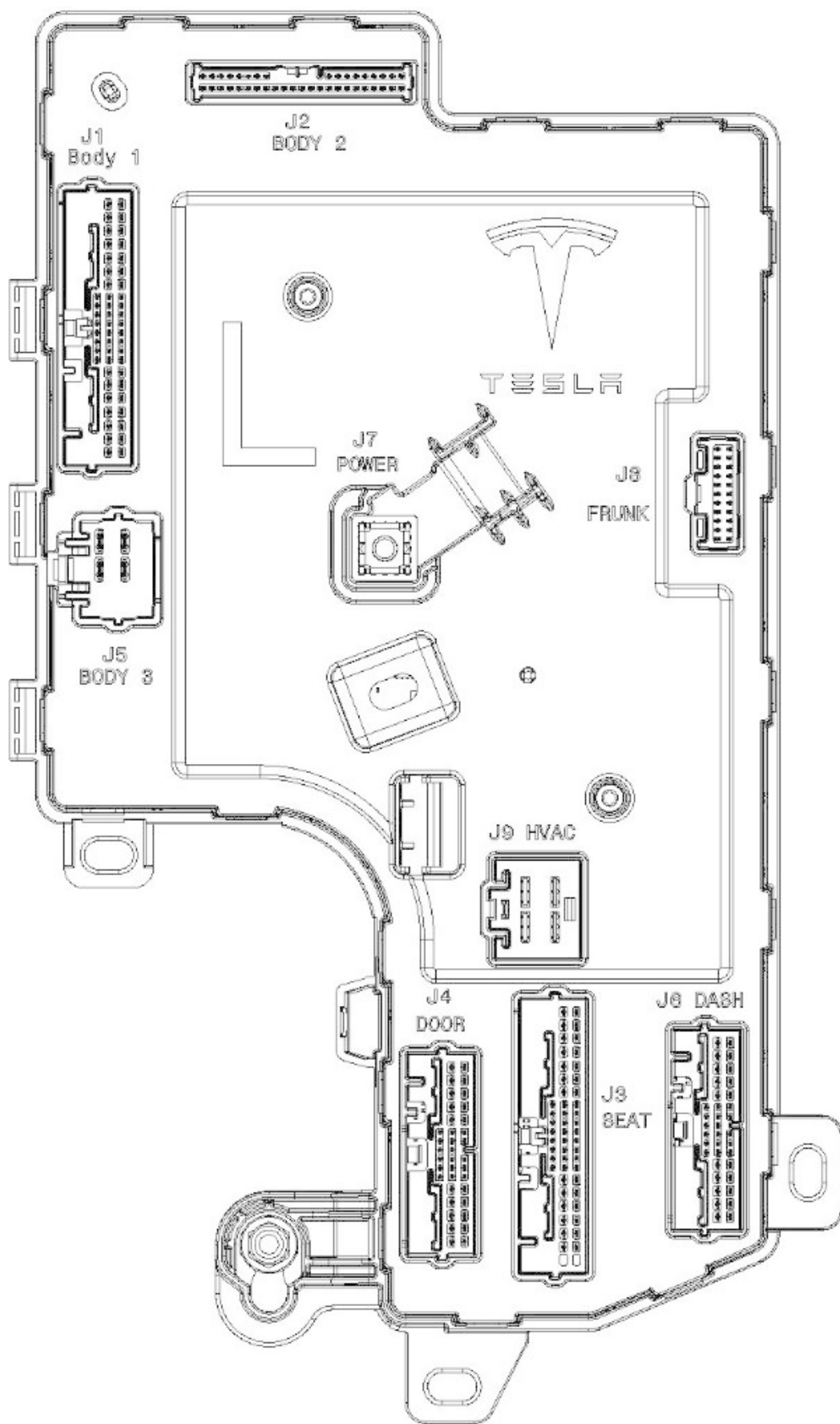
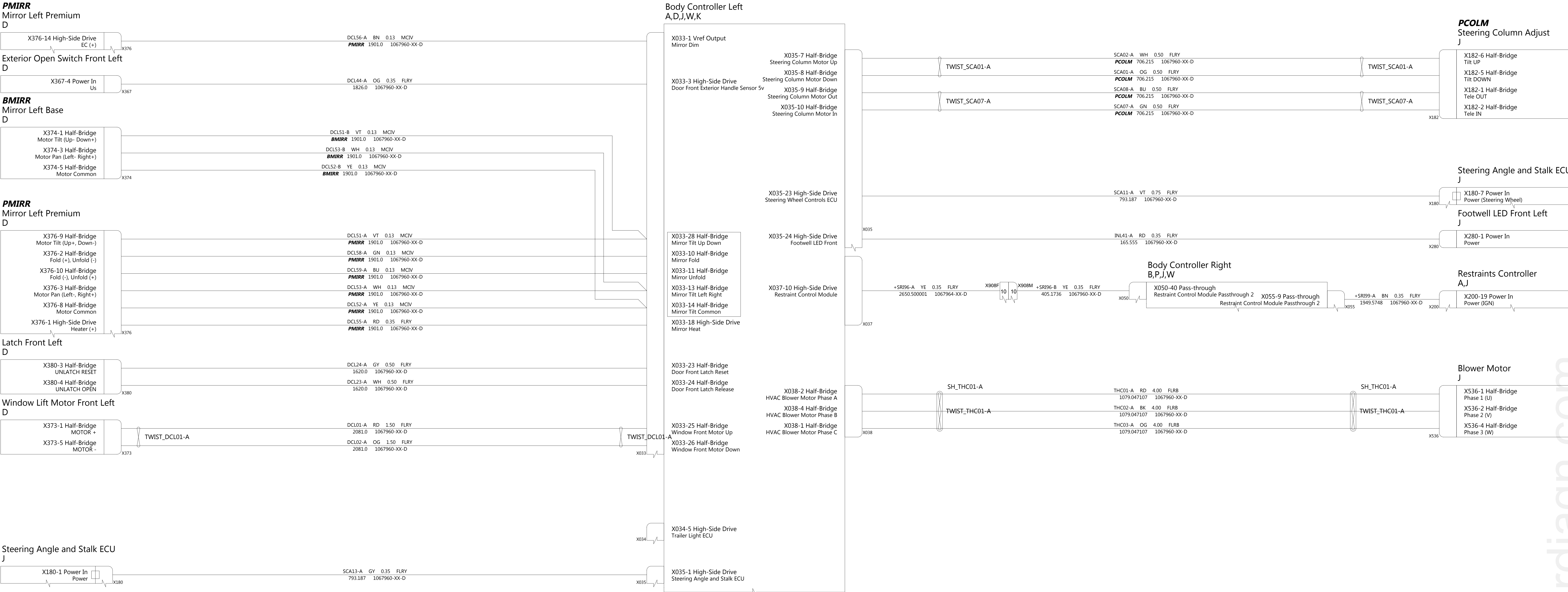
W,U



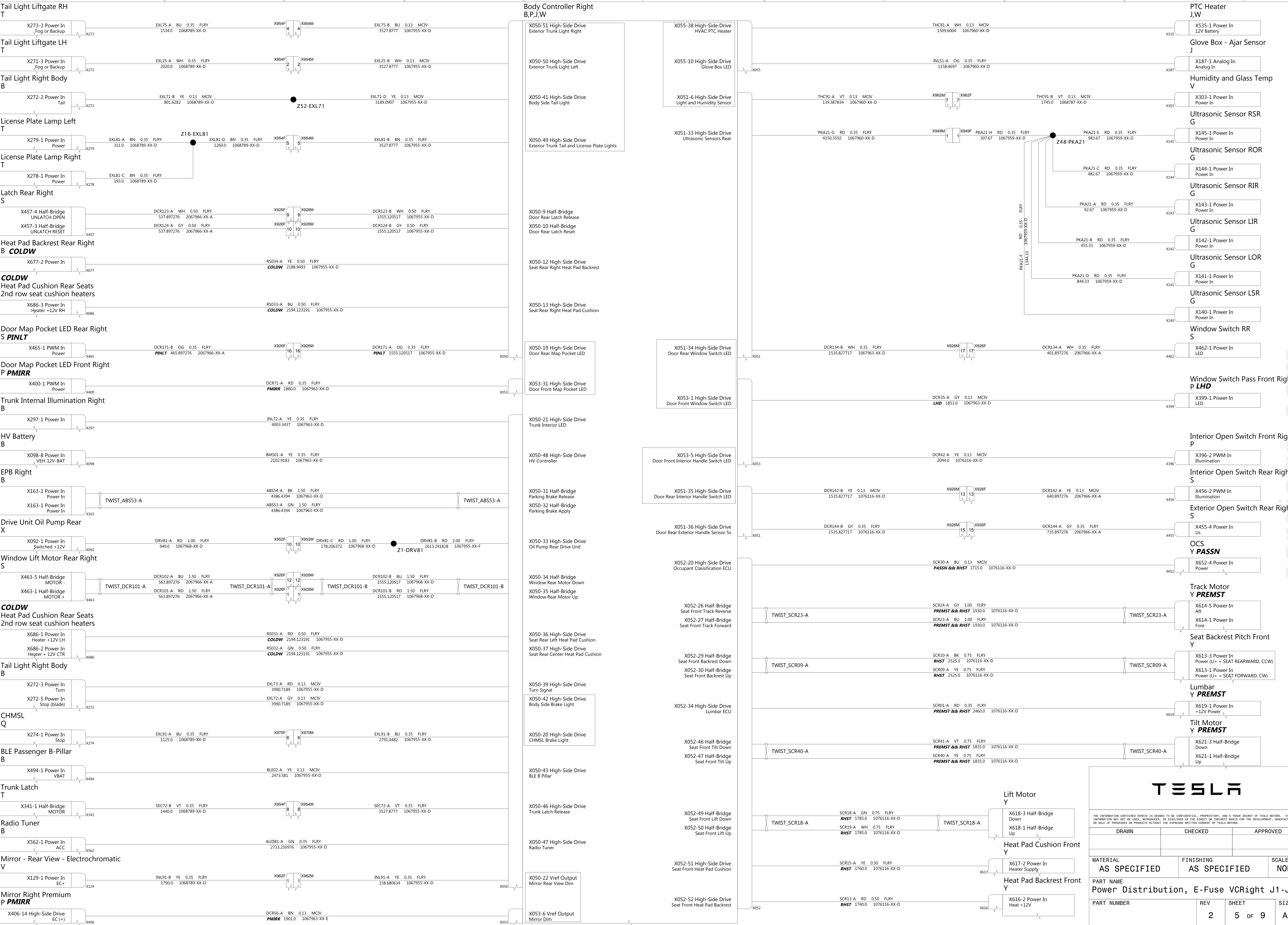


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DRAWN		CHECKED	
		APPROVED	
MATERIAL		FINISHING	
AS SPECIFIED		AS SPECIFIED	
		SCALE	
		NONE	
PART NAME			
Power Distribution, E-Fuse VCFront, J5-J11			
PART NUMBER		REV	
		2	
		SHEET	
		2 OF 9	
		SIZE	
		A0	





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DRAWN	CHECKED	APPROVED	
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE	
PART NAME Power Distribution, E-Fuse VCLeft, J4-J9			
PART NUMBER	REV	SHEET	SIZE
	2	4 OF 9	A0

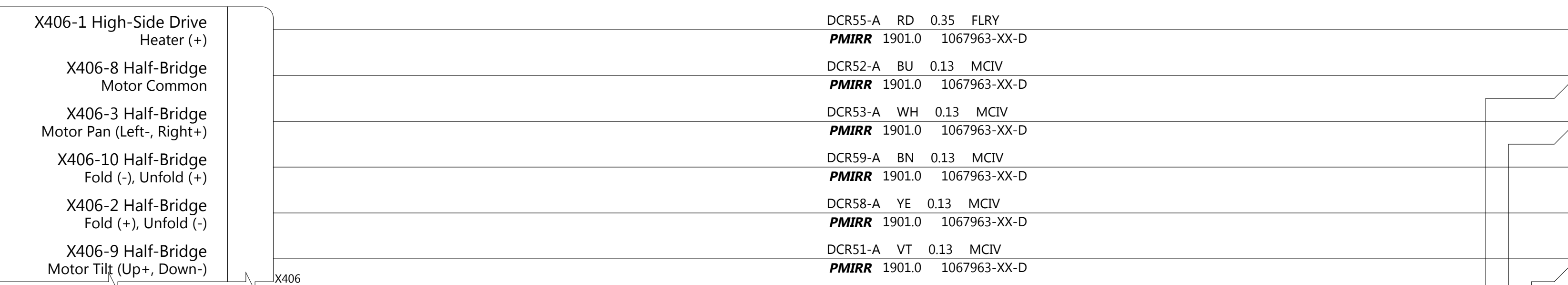


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DRAWN		CHECKED		APPROVED			
MATERIAL		FINISHING			SCALE		
AS SPECIFIED		AS SPECIFIED			NONE		
PART NAME							
Power Distribution, E-Fuse VCRight J1-J3							
PART NUMBER		REV		SHEET		SIZE	
		2		5 OF 9		A0	

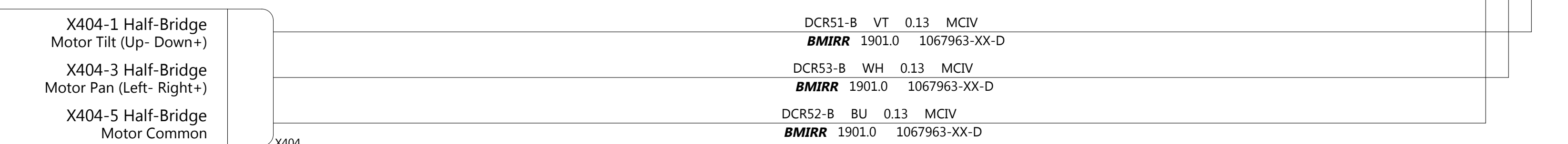
Exterior Open Switch Front Right
P



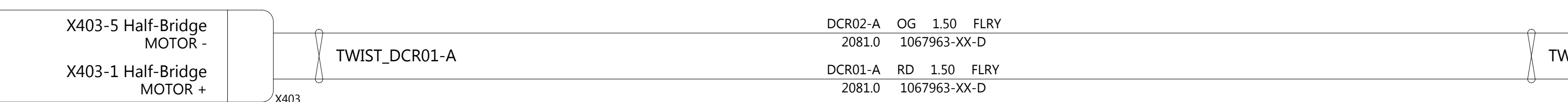
PMIRR
Mirror Right Premium
P



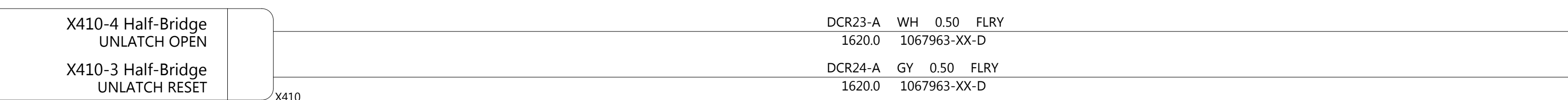
BMIRR
Mirror Right Base
P



Window Lift Motor Front Right
P



Latch Front Right
P



PMIRR
Mirror Right Premium
P



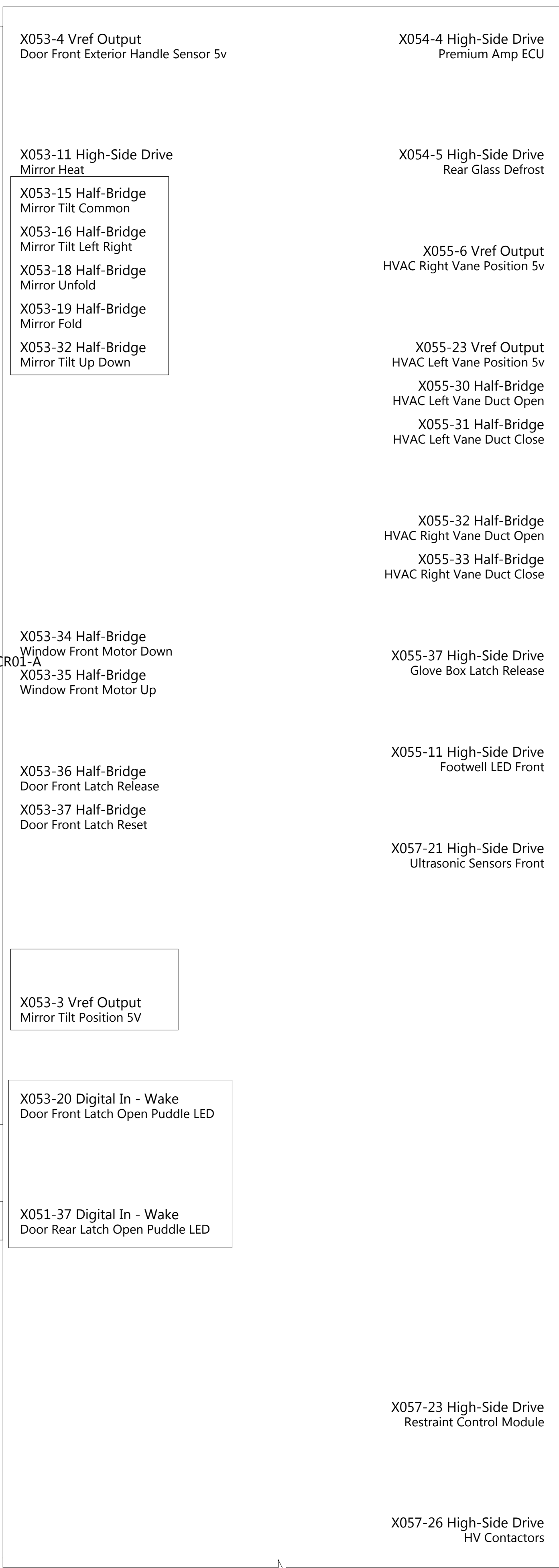
Puddle LED Front Right
P



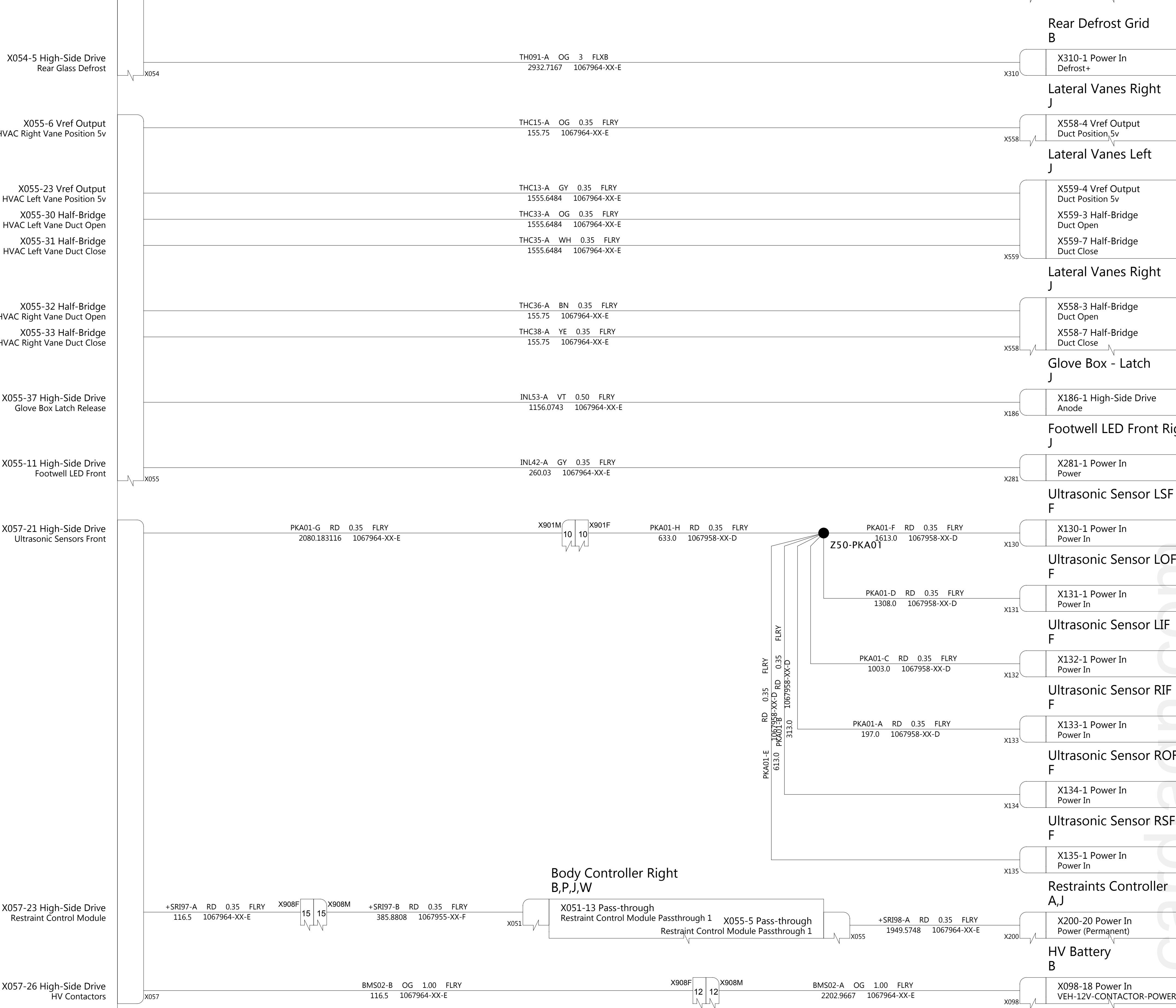
Puddle LED Rear Right
S



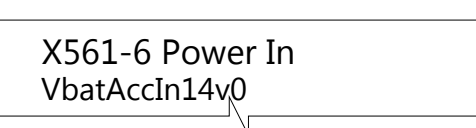
Body Controller Right
B,P,J,W



X054-4 High-Side Drive
Premium Amp ECU



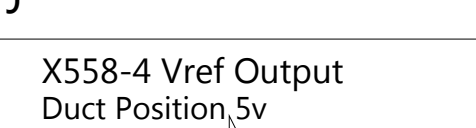
PAUDIO
Premium Amp Audio
B



Rear Defrost Grid
B



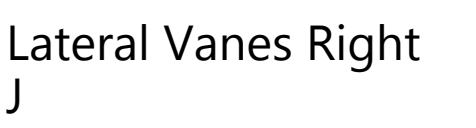
Lateral Vanes Right
J



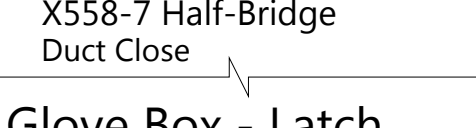
Lateral Vanes Left
J



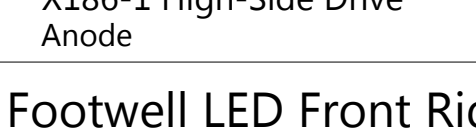
Lateral Vanes Right
J



Glove Box - Latch
J



Footwell LED Front Right
J



Ultrasonic Sensor LSF
F



Ultrasonic Sensor LOF
F



Ultrasonic Sensor LIF
F



Ultrasonic Sensor RIF
F



Ultrasonic Sensor ROF
F



Ultrasonic Sensor RSF
F



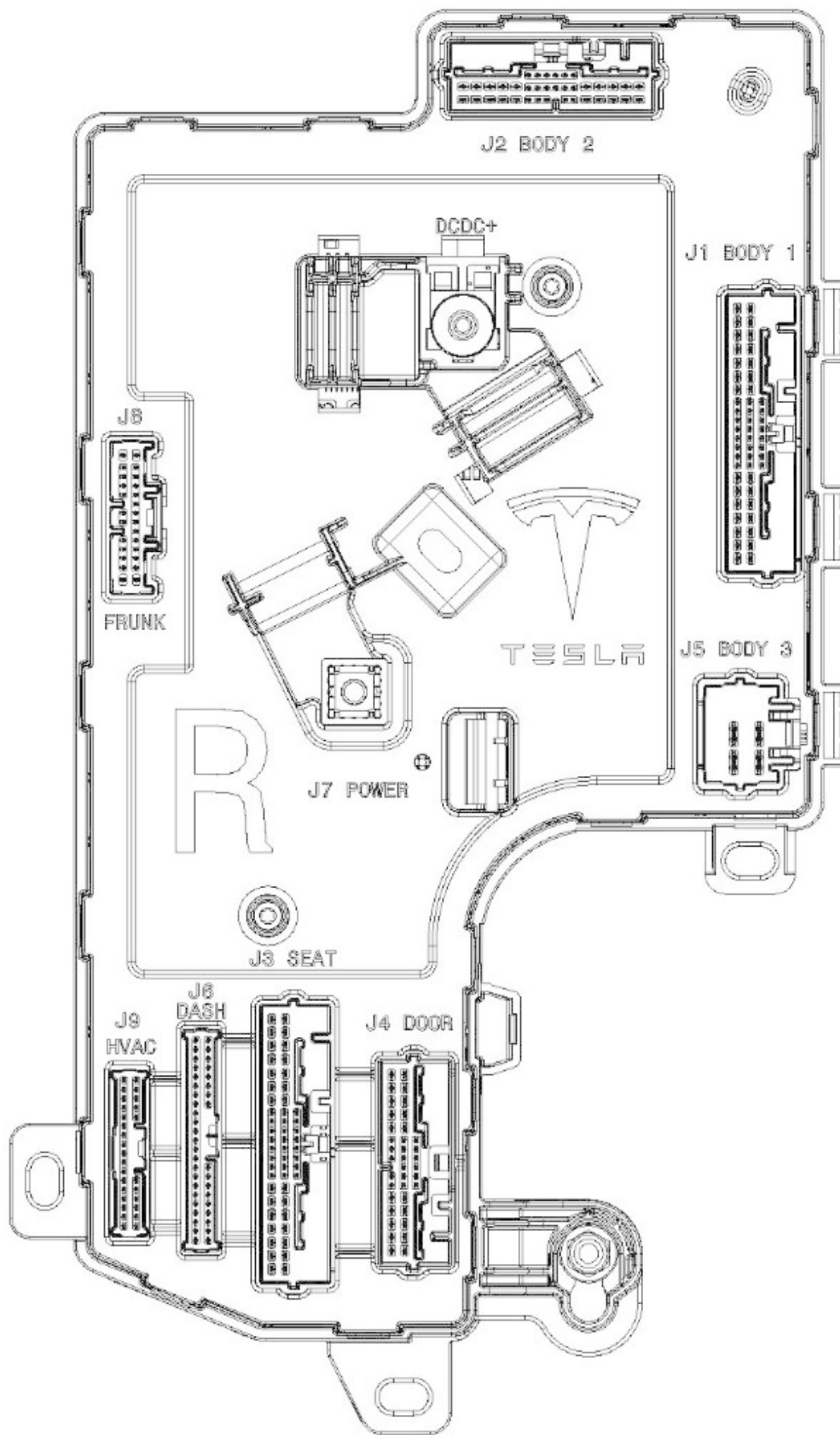
Restraints Controller
A,J



HV Battery
B



Body Controller Right
B,P,J,W



= Shared E-Fuses

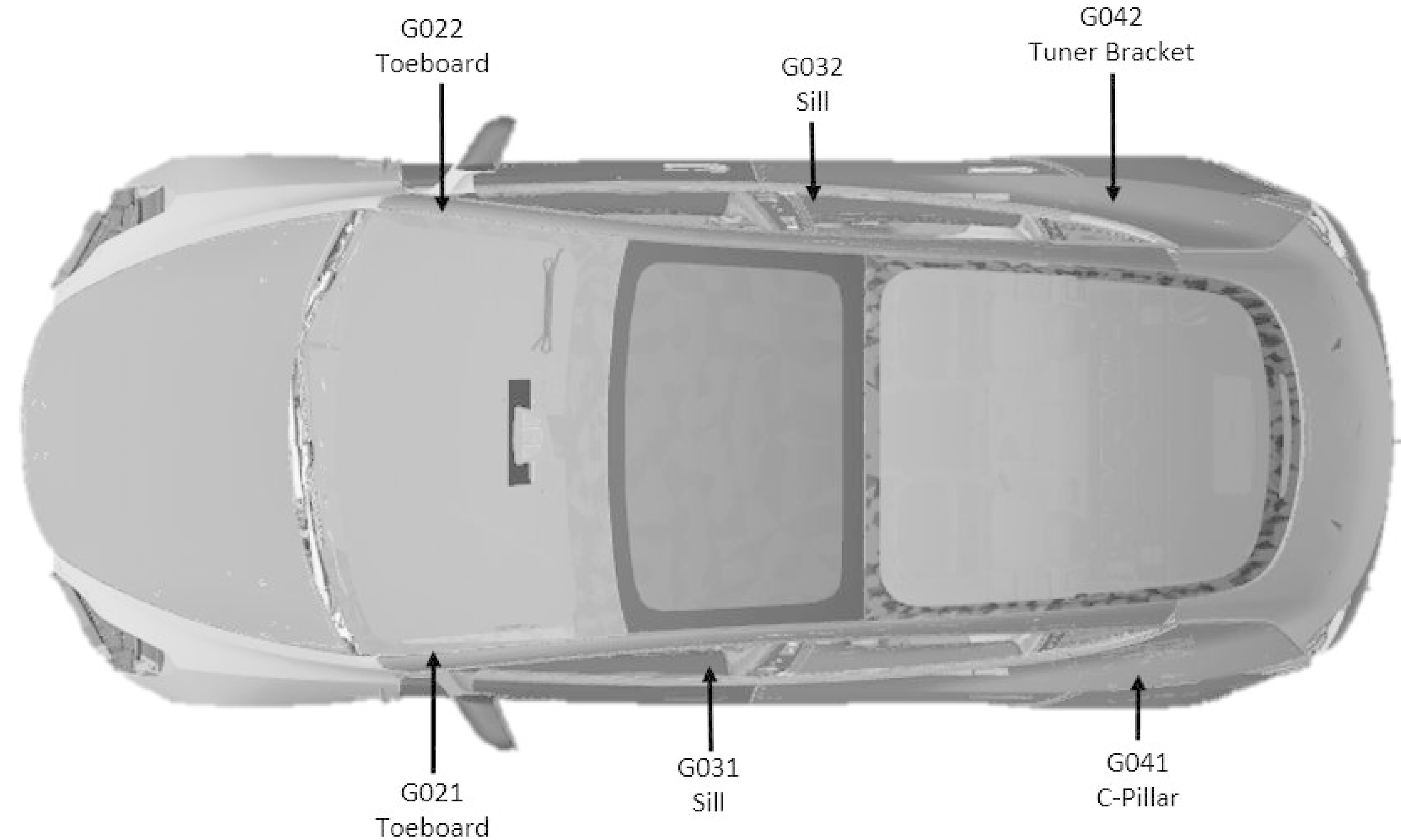
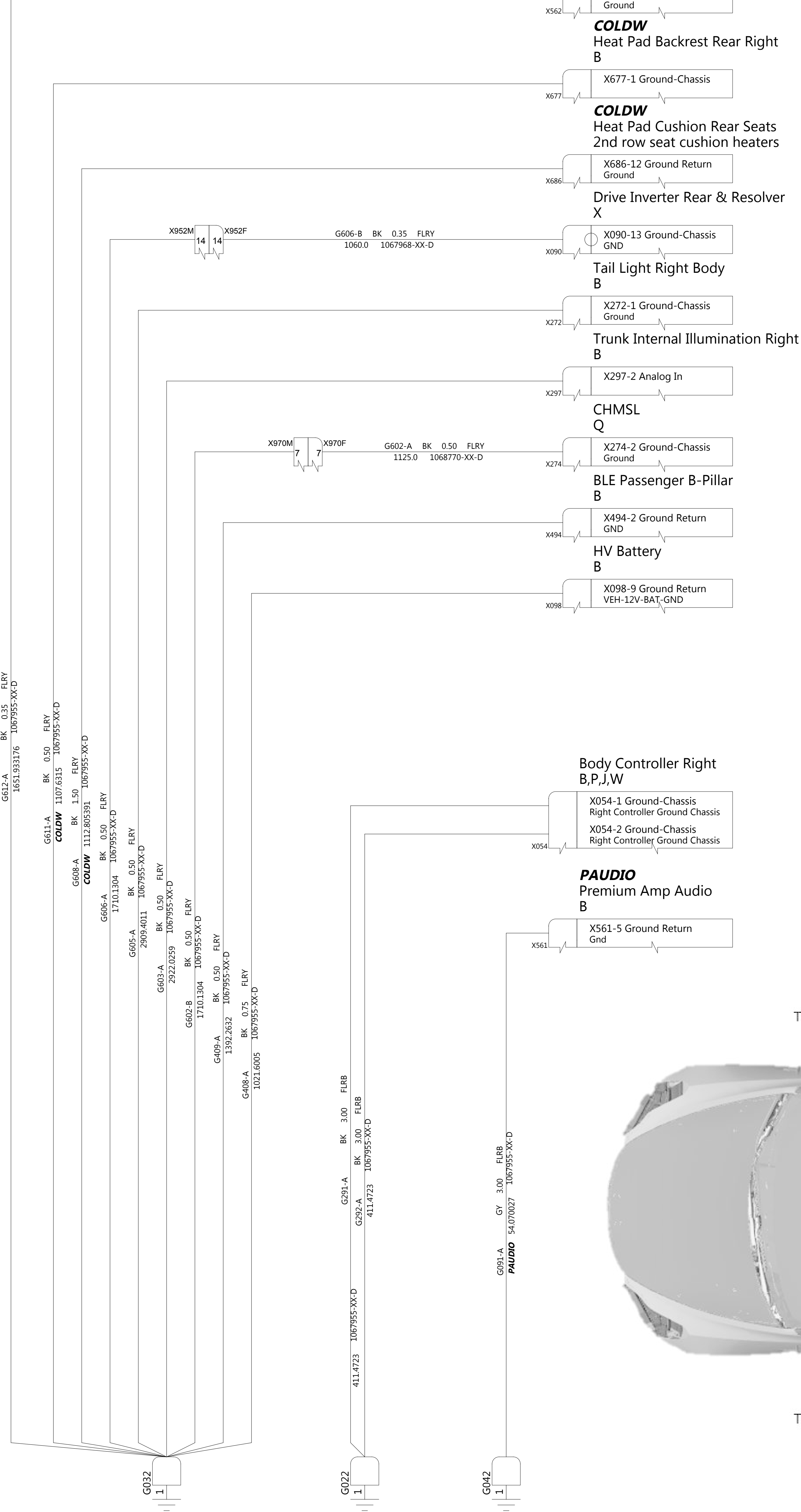
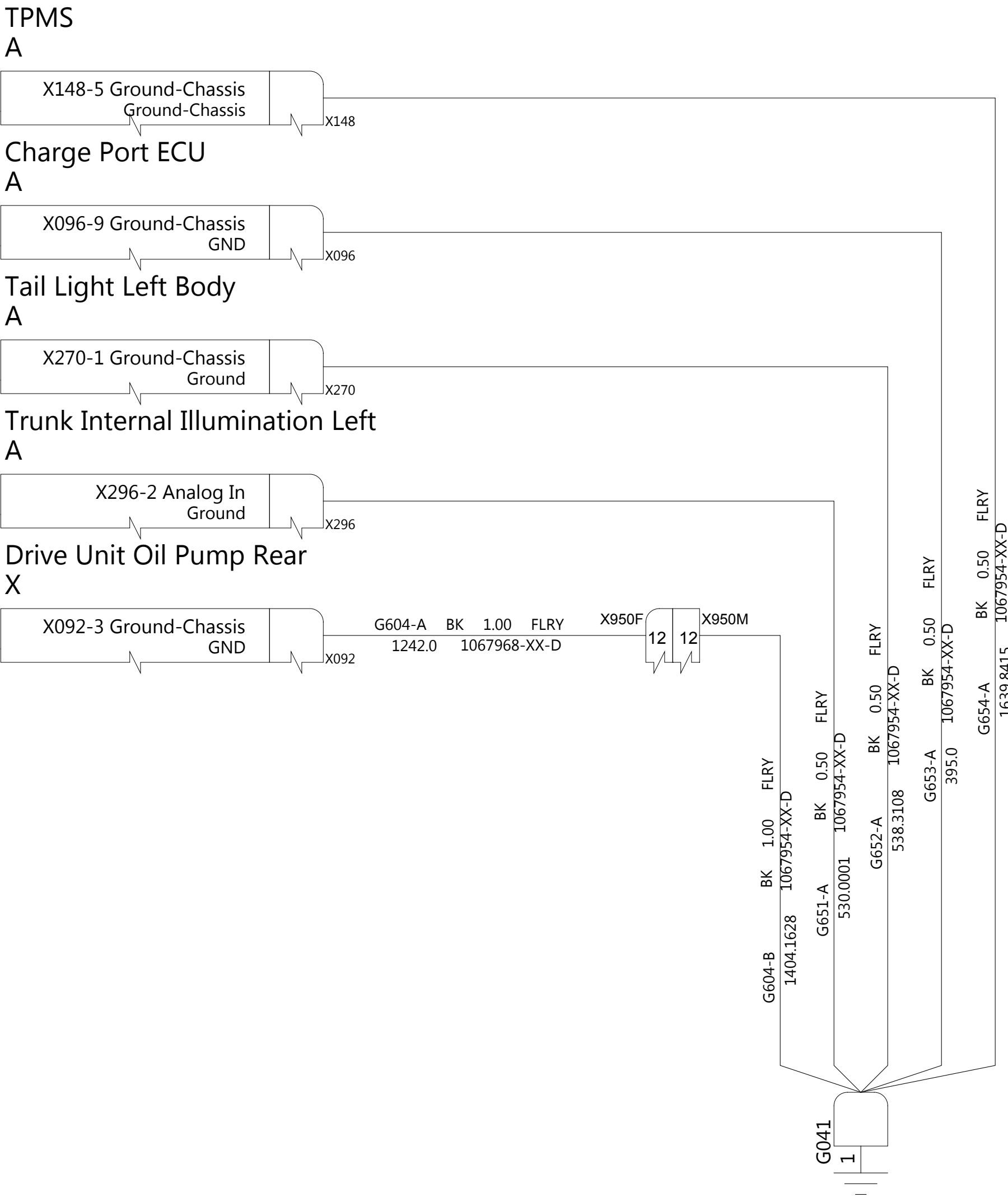
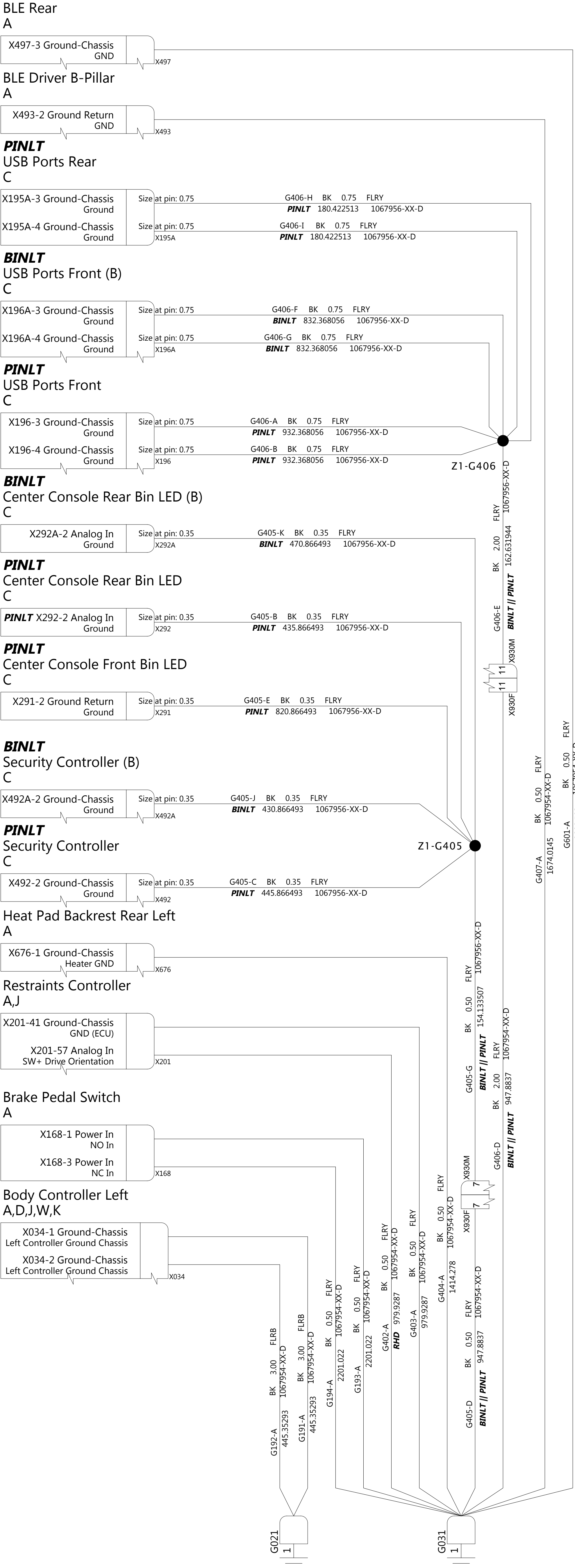
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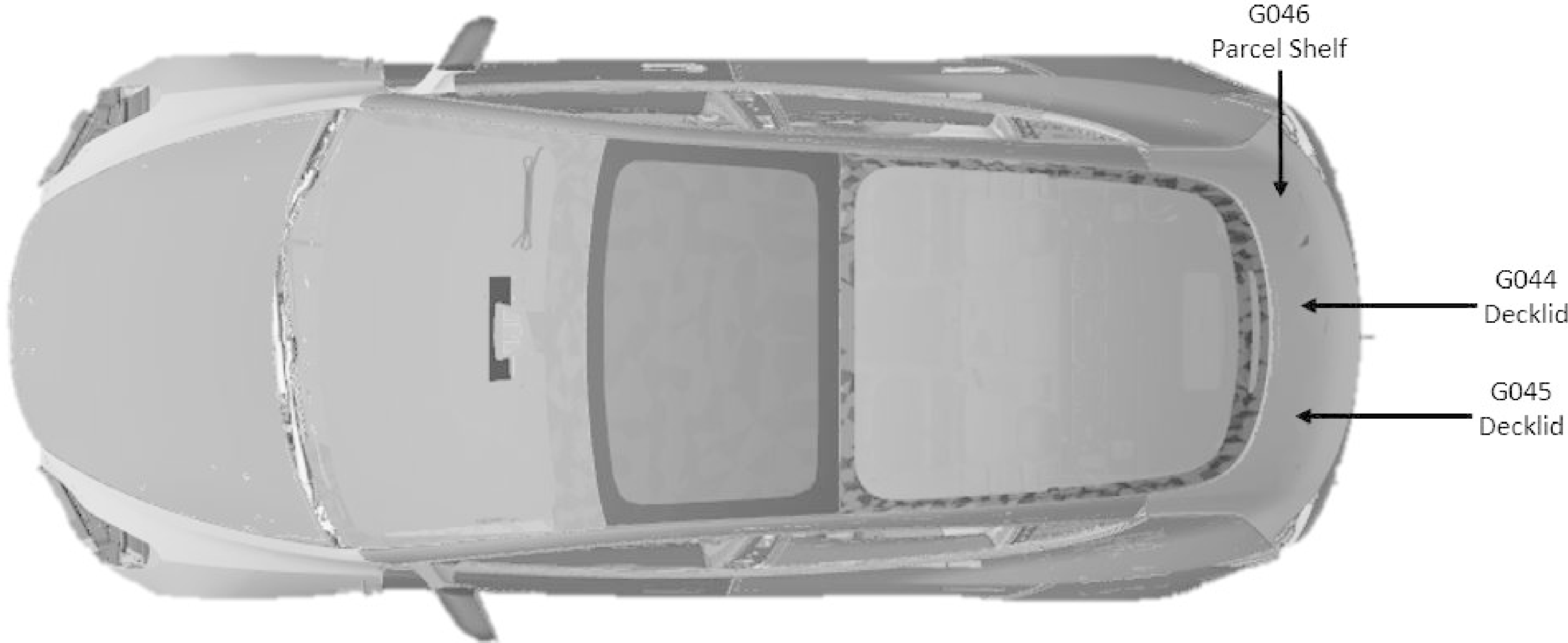
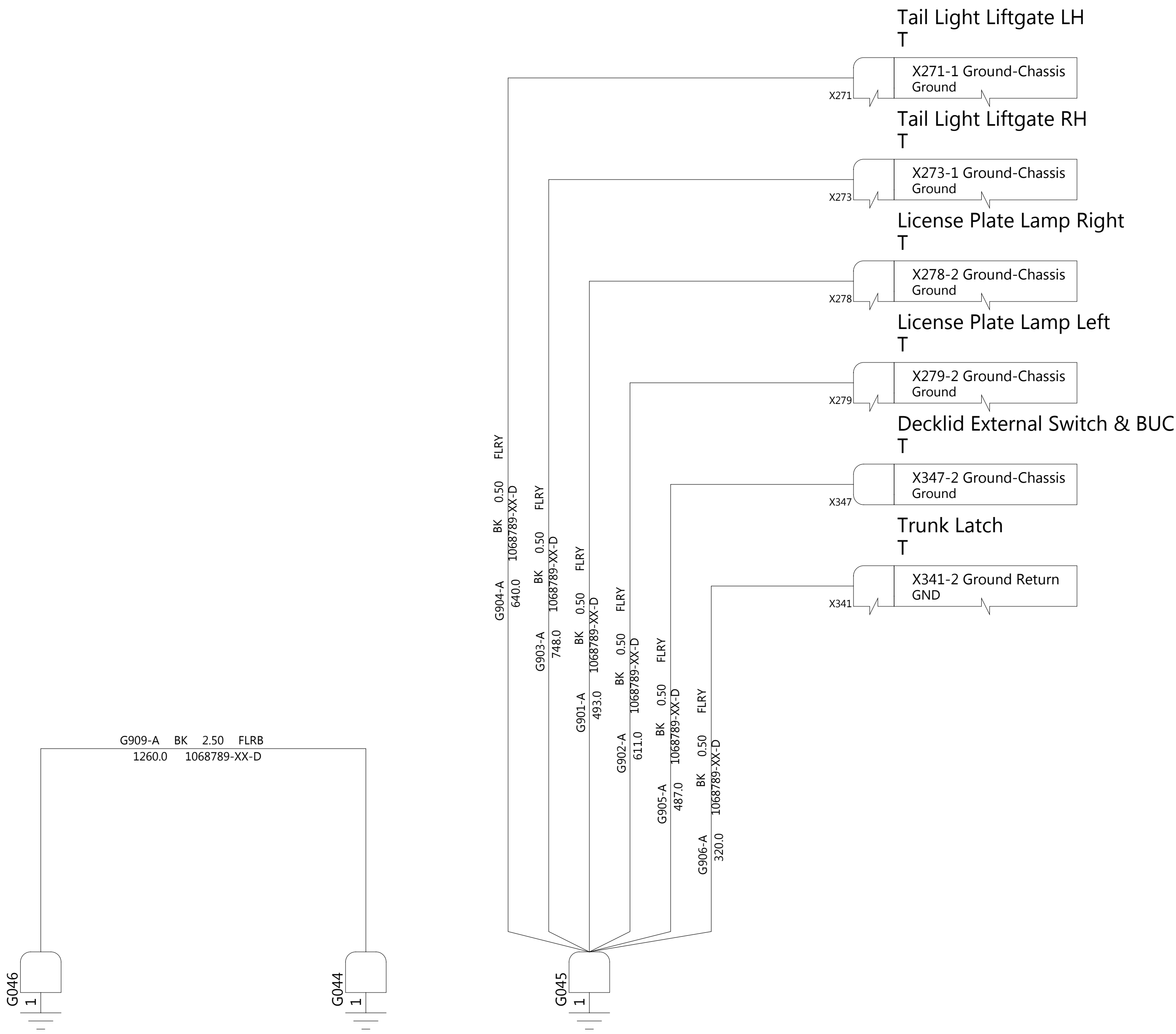
DRAWN	CHECKED	APPROVED

MATERIAL	FINISHING	SCALE
AS SPECIFIED	AS SPECIFIED	NONE

PART NAME	REV	SHEET	SIZE
Power Distribution, E-Fuse VCRight J4-J9	2	6 OF 9	A0



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DRAWN	CHECKED	APPROVED	
MATERIAL	FINISHING	SCALE	
AS SPECIFIED	AS SPECIFIED	NONE	
PART NAME			
Power Distribution, Grounding Pillars			
PART NUMBER	REV	SHEET	SIZE
	2	8 OF 9	A0



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DRAWN	CHECKED	APPROVED	
MATERIAL	FINISHING	SCALE	
AS SPECIFIED	AS SPECIFIED	NONE	
PART NAME			
Power Distribution, Grounding Trunk			
PART NUMBER	REV	SHEET	SIZE
	2	9 OF 9	A0