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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

A	LH BODY	T	LIFT GATE
B	RH BODY	TT	LIFT GATE TRIM
C	CENTER CONSOLE	U	THERMAL
D	LH FR DOOR	UHP	THERMAL, HEAT PUMP
F	FR FASCIA	V	GLASS
G	RR FASCIA	W	FRUNK
H	HV PENTHOUSE	X	REAR SUBFRAME
J	IP	Y	FRONT SEATS
K	HEADLINER	YYL	SECOND ROW SEAT, LEFT BACKREST
L	FRONT END MODULE	YYC	SECOND ROW SEAT, CENTER
N	FRONT SUBFRAME	YYN	SECOND ROW SEAT, CUSHION
P	RH FR DOOR	YYR	SECOND ROW SEAT, RIGHT BACKREST
R	LH RR DOOR	Z	MISC. CABLES
S	RH RR DOOR		

Table 3: Wire Color Designators

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

Table 4: Wire Type Designators

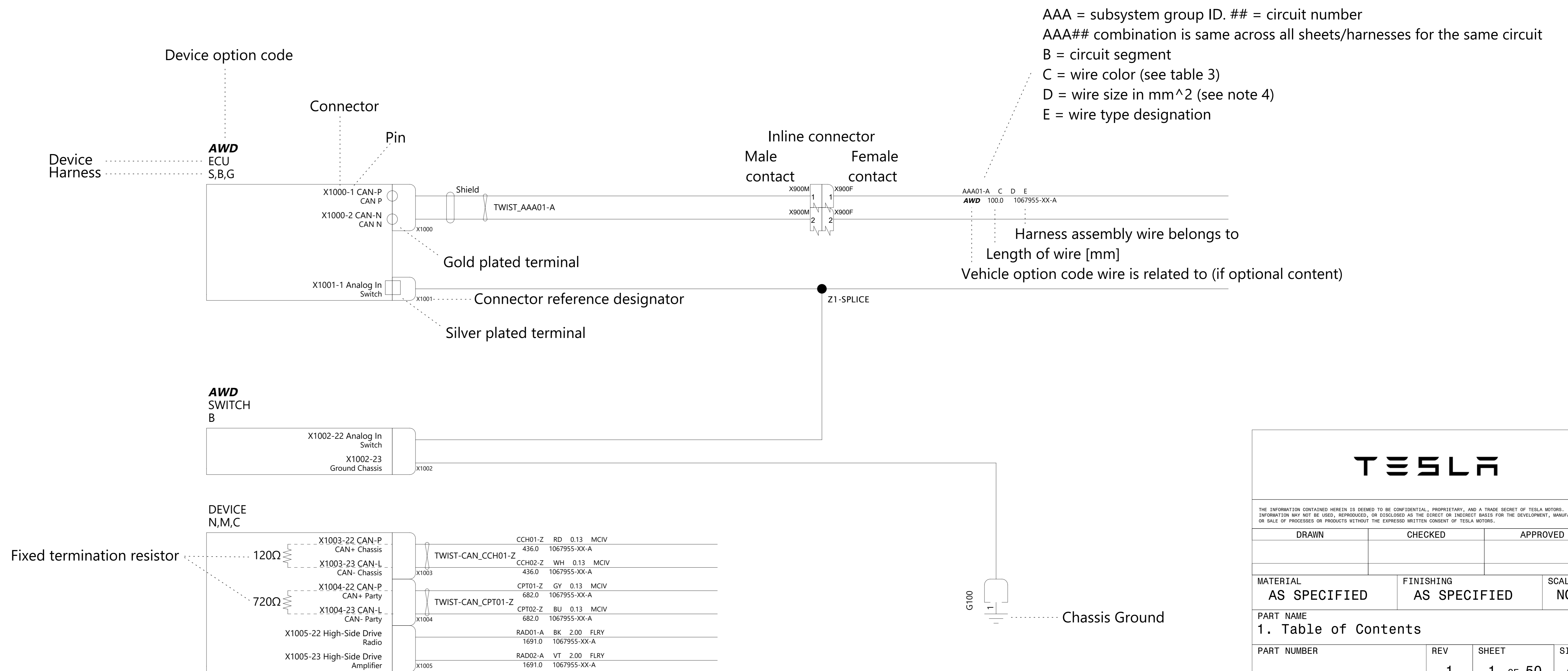
FLRY	Thin wall 105C rated, regular stranded PVC insulated [FLRY-A]
FLRB	Thin wall 105C rated, bunched conductor PVC insulated [FLRY-B]
MCIV	Thin wall 105C rated, compressed conductor PVC (halogen free) insulated
XR15	Thin wall 150C rated, cross-linked polyolefin, high flexible
FLXB	Thin wall 125C rated, cross-linked polyolefin, high flexible, halogen free insulated
3TBL	Thick wall 105C rated, aluminum conductor PVC insulated
F91X	Thin wall 150C rated, cross-linked polyethylene, high flexible

Table 5: Option Codes

LHST	Left side Seat
RHST	Right Side Seat
FOG	Fog Light
PCOLM	Power Steering Column
PAUDIO	Premium Audio
COLDW	Cold Weather Package
LHD	Left Hand Drive
RHD	Right Hand Drive
AWD	All Wheel Drive
RWD	Rear Wheel Drive
PINLT	Premium Interior Lights
PMIRR	Premium Mirror with Powerfold
REEU	Region Europe
RENA	Region North America
RECN	Region China
CSUSP	Coil Suspension
PREMST	Premium Seat
SBR	Seat Belt Reminder Switch
OCS	Occupant Classification System
STPS	Seat Track Position Sensor
CPGB	Chargeport GB
ARSC	Advance Radar Sensor
FSAB	Farside Airbag
PPRO	Pedestrian Protection

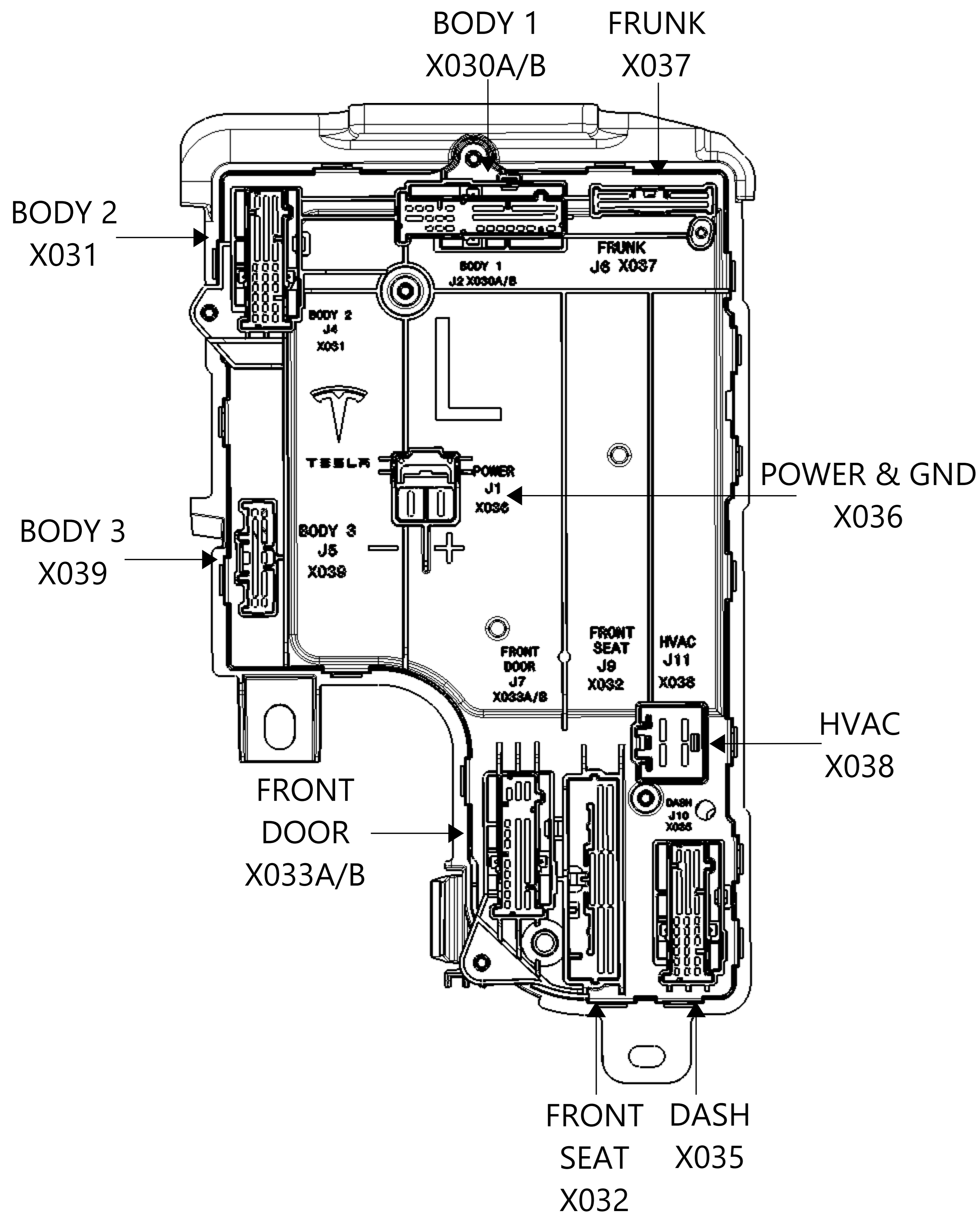
General Notes:

- 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.
 - Unless otherwise specified at the device pins, terminal plating is to be Tin or Pre-Tin
- TERMINAL PLATING**
- GOLD TERMINAL NECESSARY
- SILVER PLATING NECESSARY
- Inline connector gender specification is based on the terminal type.
Inline connectors with "M" suffix have male, tab or pin terminals
Inline connectors with "F" suffix have female, receptacle or socket terminals
 - Circuit prefixes indicate special conditions:
"++" No repinning, splicing, reworks, deviations, or manual continuity check
"+" Repairs may only be performed by Tesla certified technicians
"HV_" High Voltage Circuits

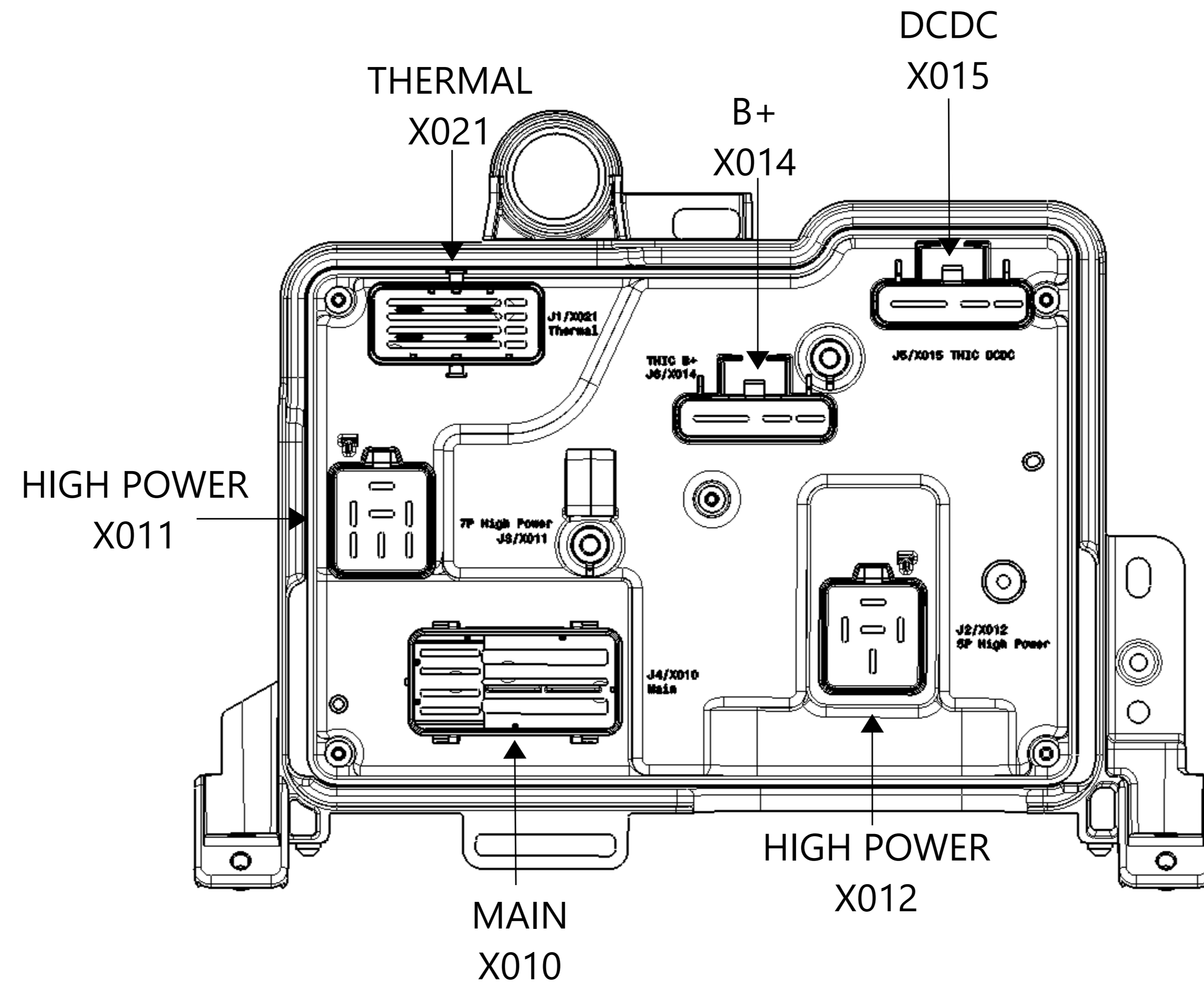


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DRAWN	CHECKED	APPROVED	
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE	
PART NAME 1. Table of Contents			
PART NUMBER	REV	SHEET	SIZE
	1	1 OF 50	A0

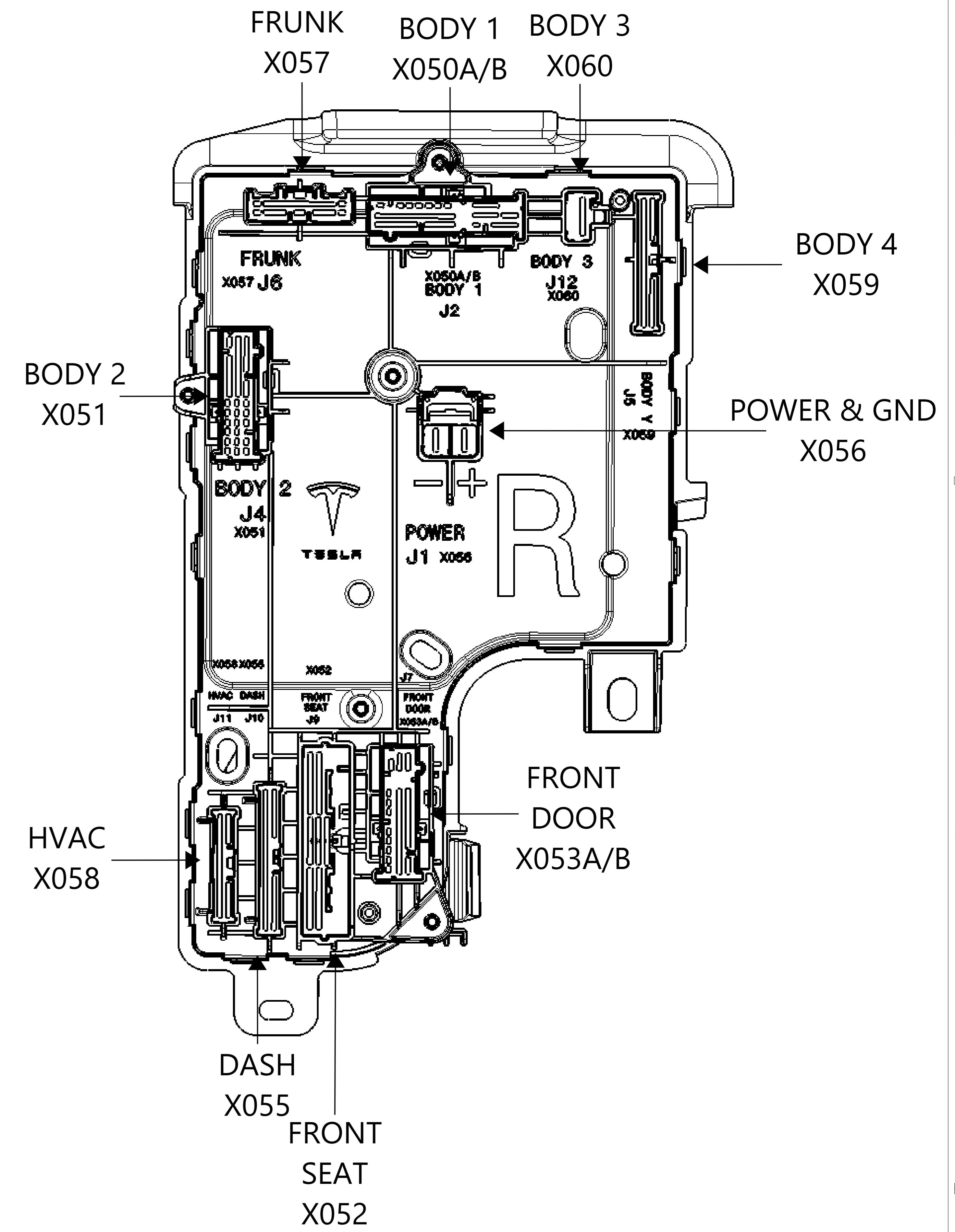
Left Controller



Front Controller



Right Controller



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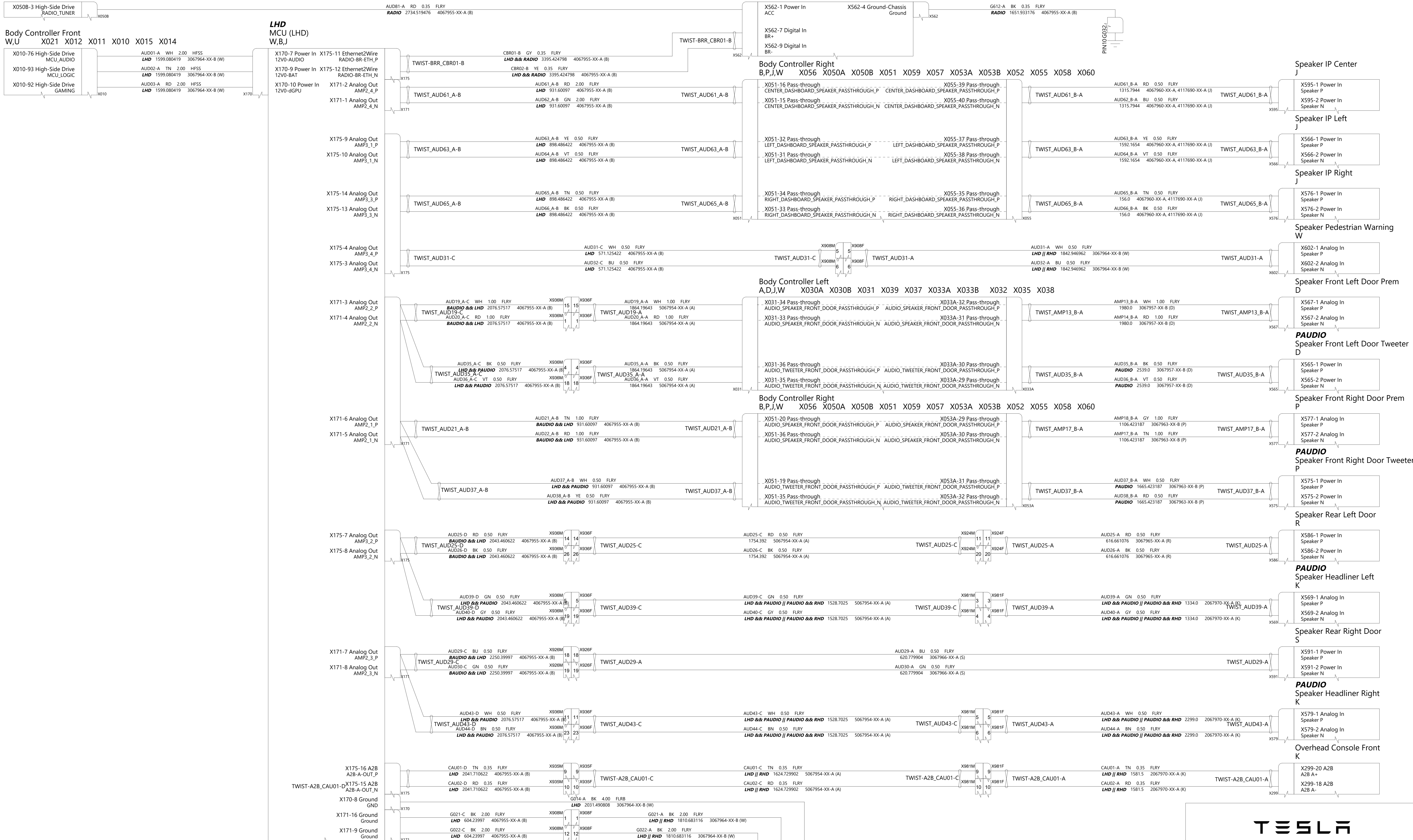
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MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME 2. Controller Layout		
PART NUMBER	REV	SHEET
	1	2 OF 50
		SIZE A0

Body Controller Right
B,P,J,W X056 X050A X050B X051 X059 X057 X053A X053B X052 X055 X058 X060

Body Controller Front
W,U X021 X012 X011 X010 X015 X014

LHD
MCU (LHD)
W,B,J

RADIO
Radio Tuner
B X562 X815 X818

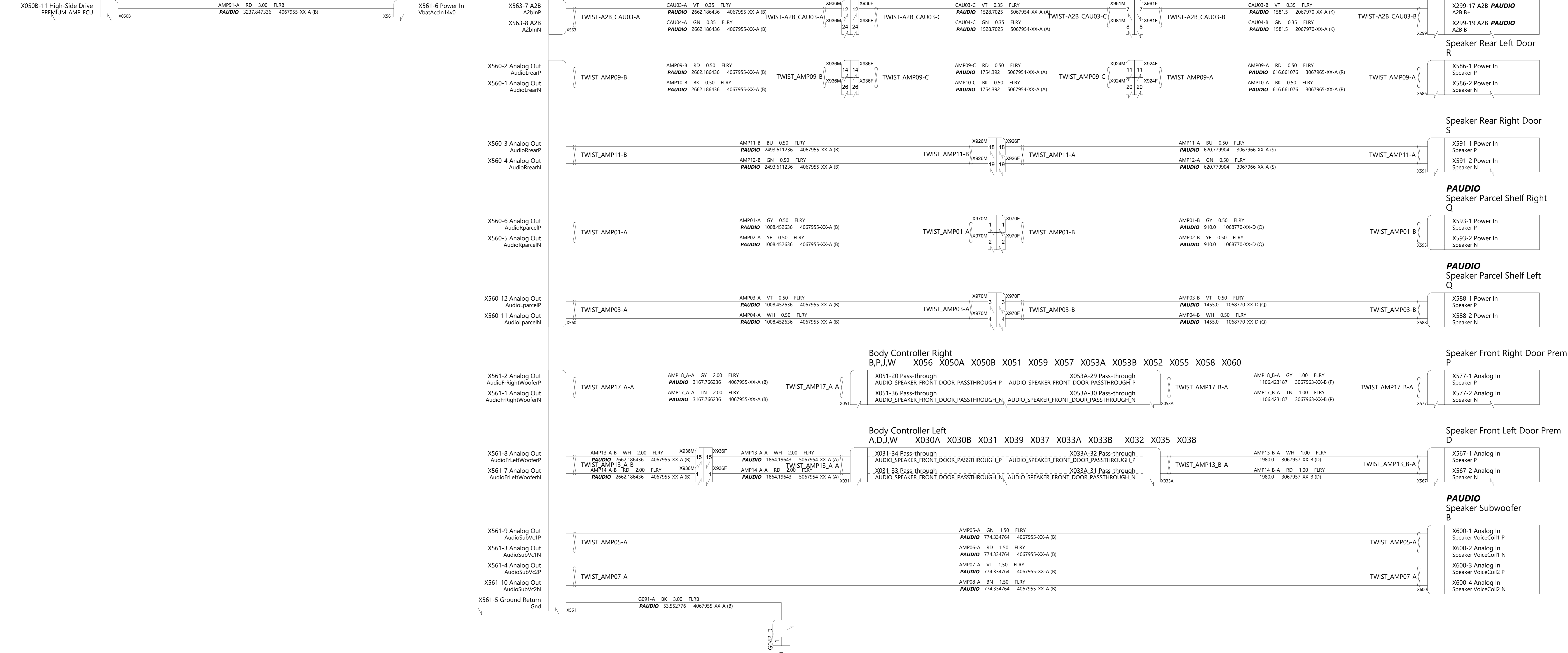


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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME Audio		
PART NUMBER	REV	SHEET
	1	3 OF 50
		SIZE A0

Body Controller Right
B,P,J,W X056 X050A X050B X051 X059 X057 X053A X053B X052 X055 X058 X060

PAUDIO
Premium Amp Audio
B X560 X561 X563



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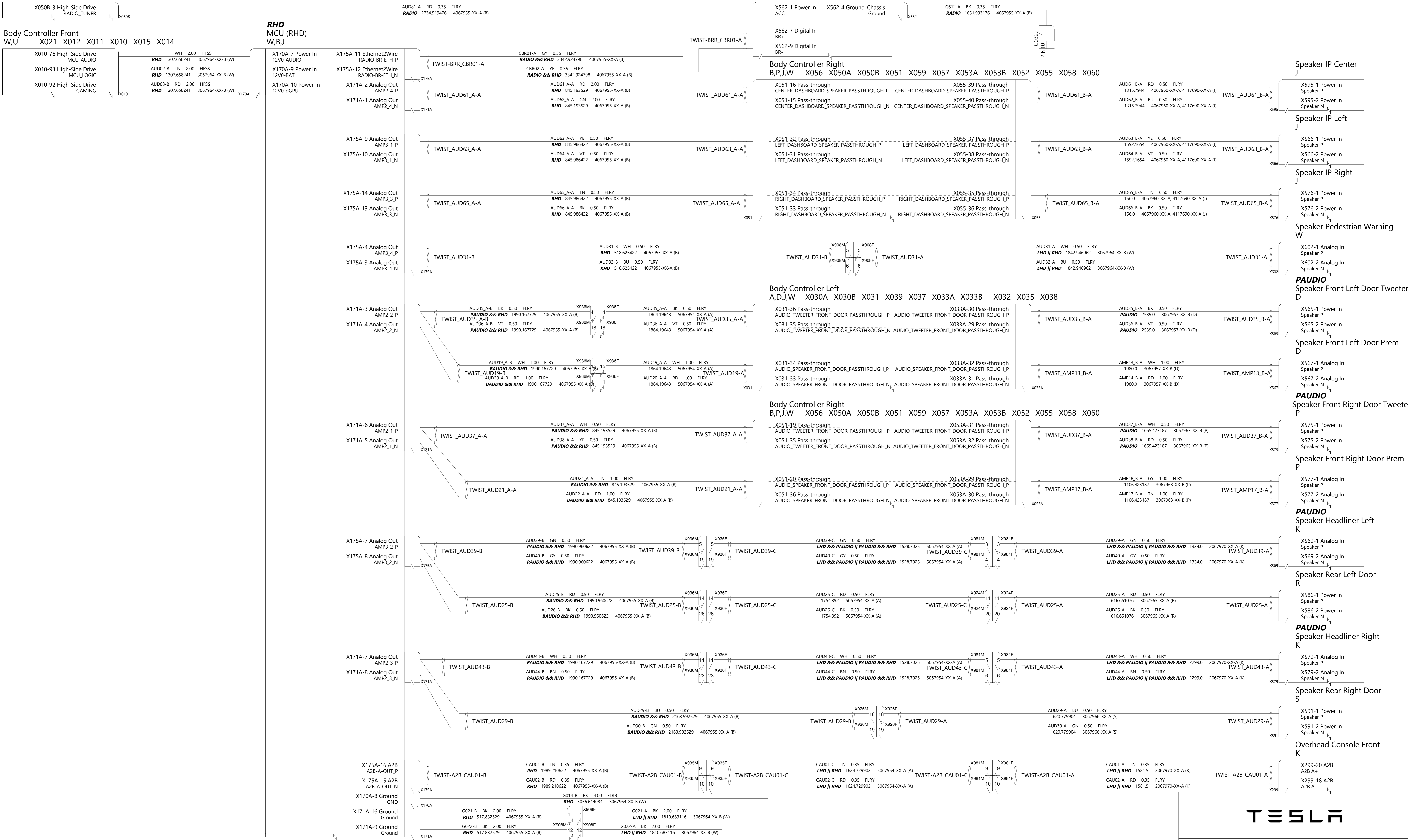
PART NAME
Audio, Premium Amp

PART NUMBER	REV	SHEET	SIZE
	1	4 OF 50	A0

Body Controller Right
B,P,J,W X056 X050A X050B X051 X059 X057 X053A X053B X052 X055 X058 X060

Body Controller Front
W,U X021 X012 X011 X010 X015 X014

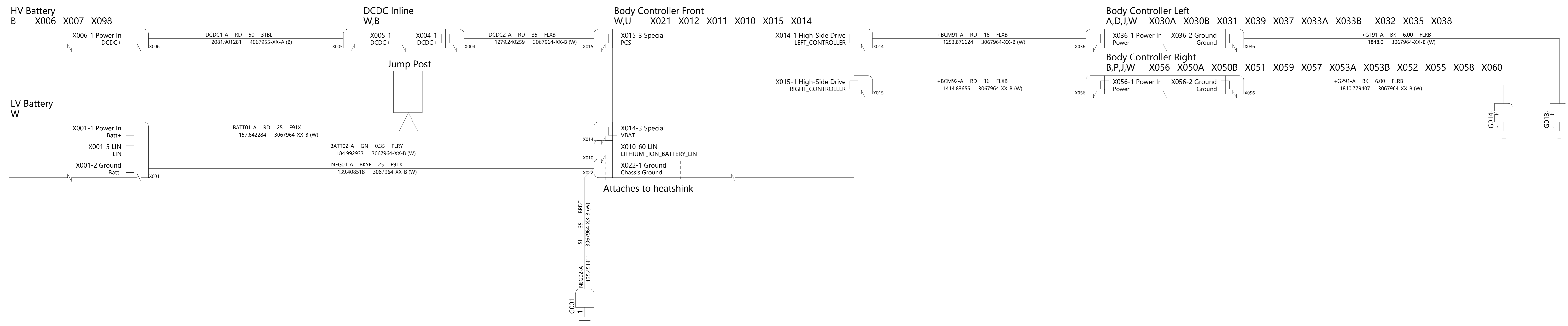
RADIO
Radio Tuner
B X562 X815 X818



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MATERIAL AS SPECIFIED		FINISHING AS SPECIFIED		SCALE NONE	
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PART NUMBER		REV	SHEET	SIZE	
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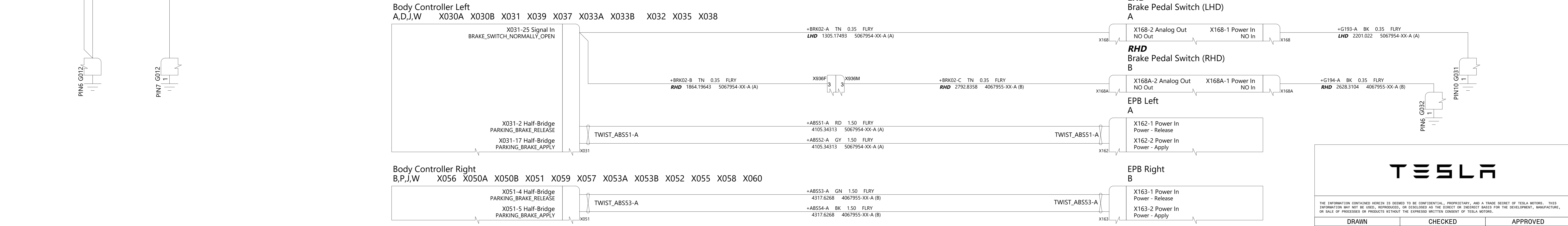
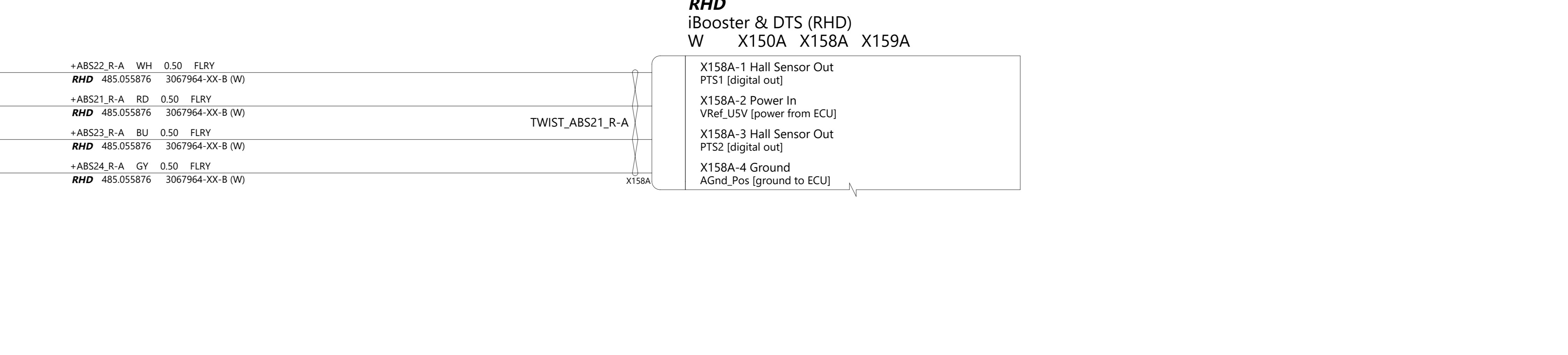
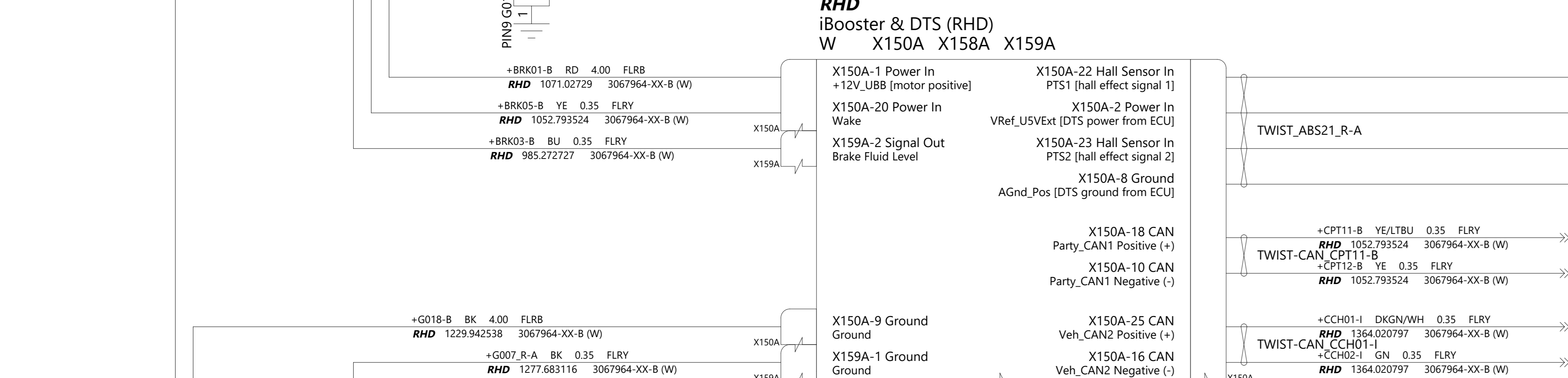
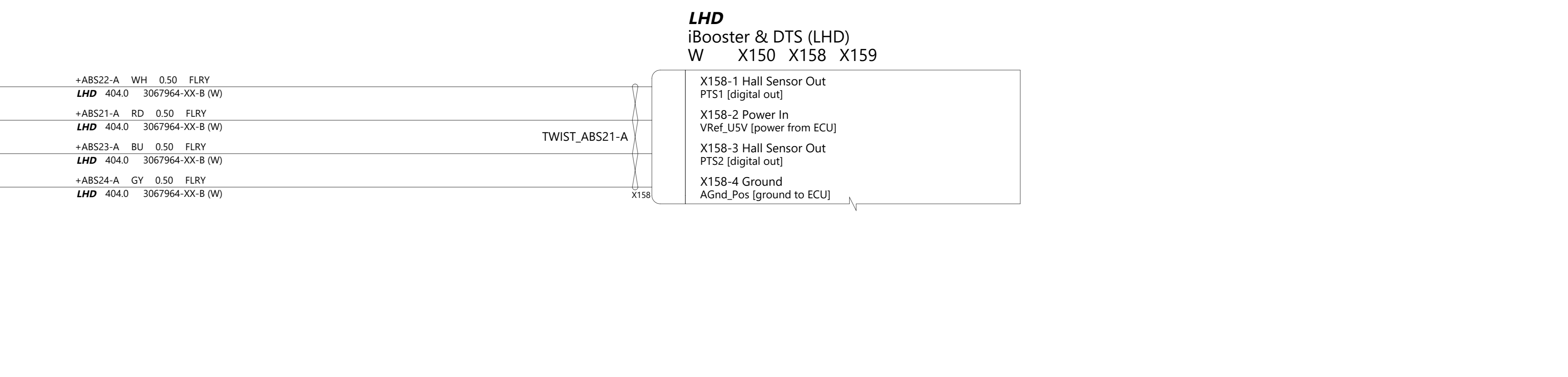
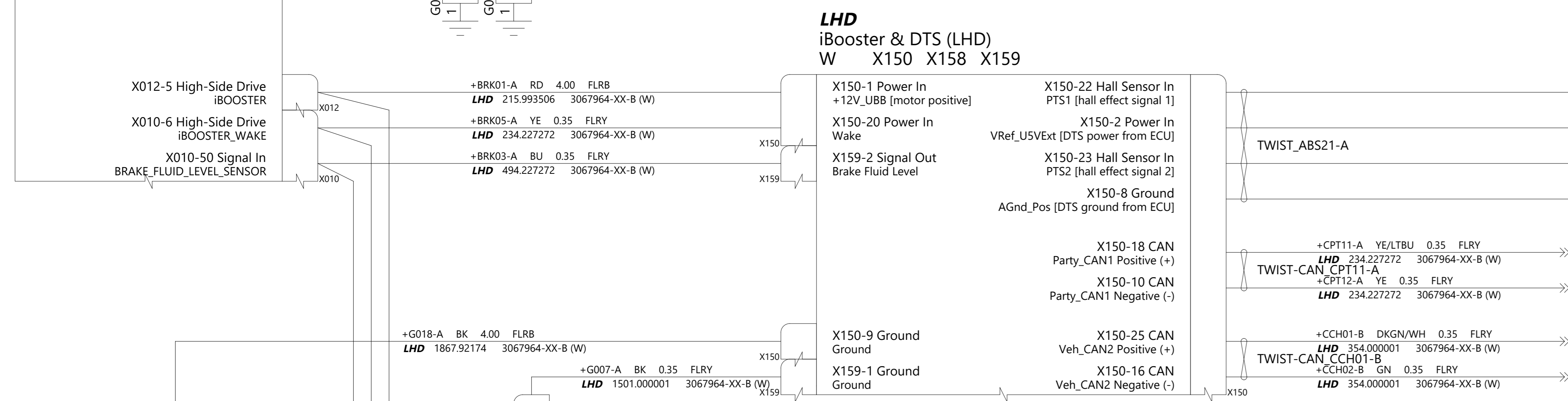
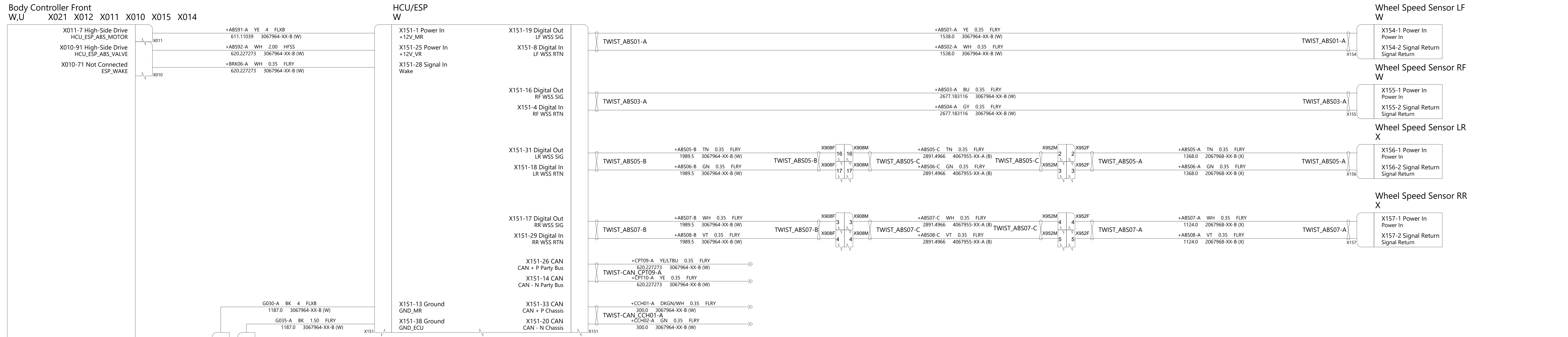
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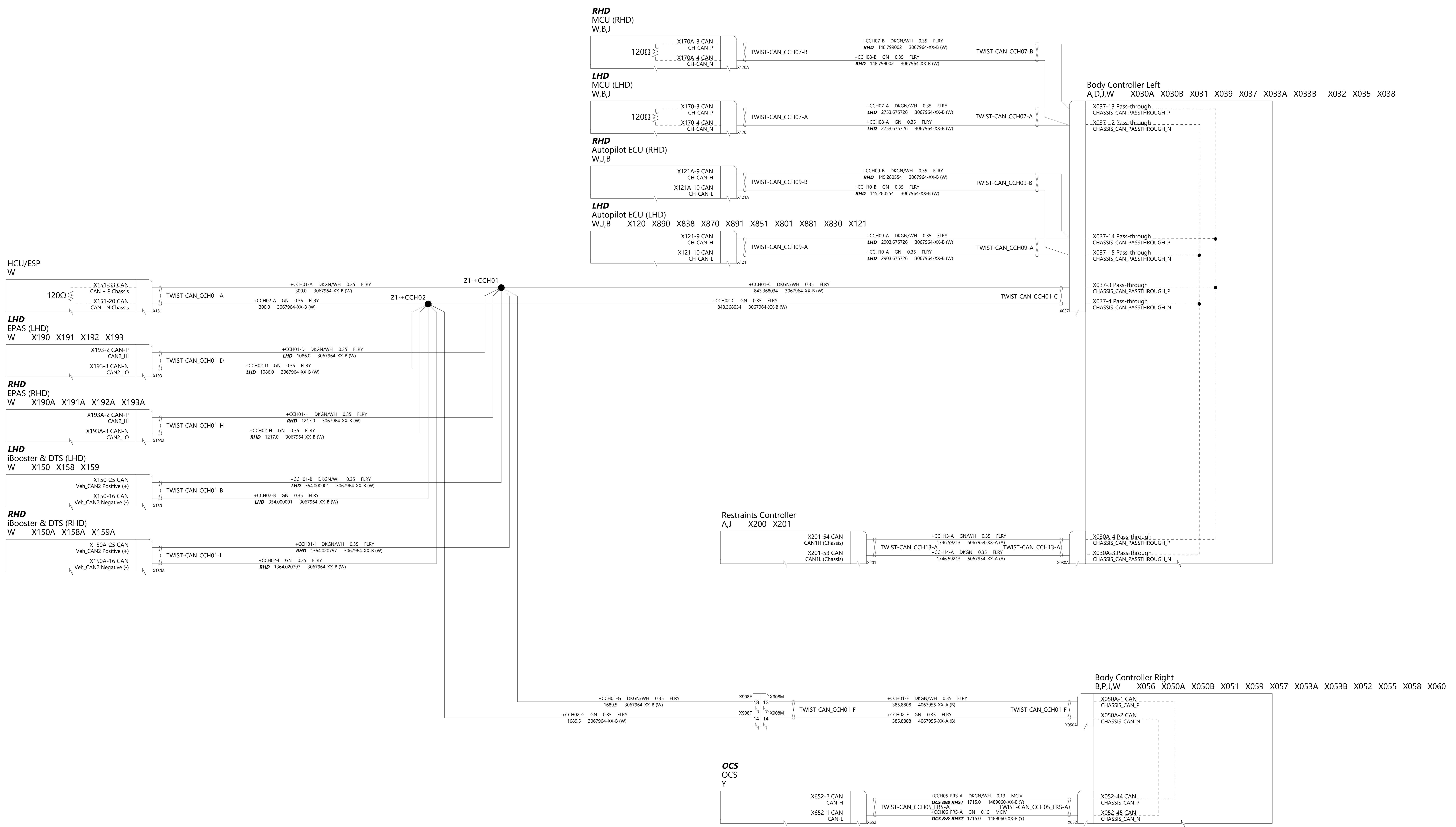
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PART NAME
Body Controller Front High Current

PART NUMBER	REV	SHEET	SIZE
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DRAWN	CHECKED	APPROVED	
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE	
PART NAME Brake Controls			
PART NUMBER	REV	SHEET	SIZE
	1	7 OF 50	A0



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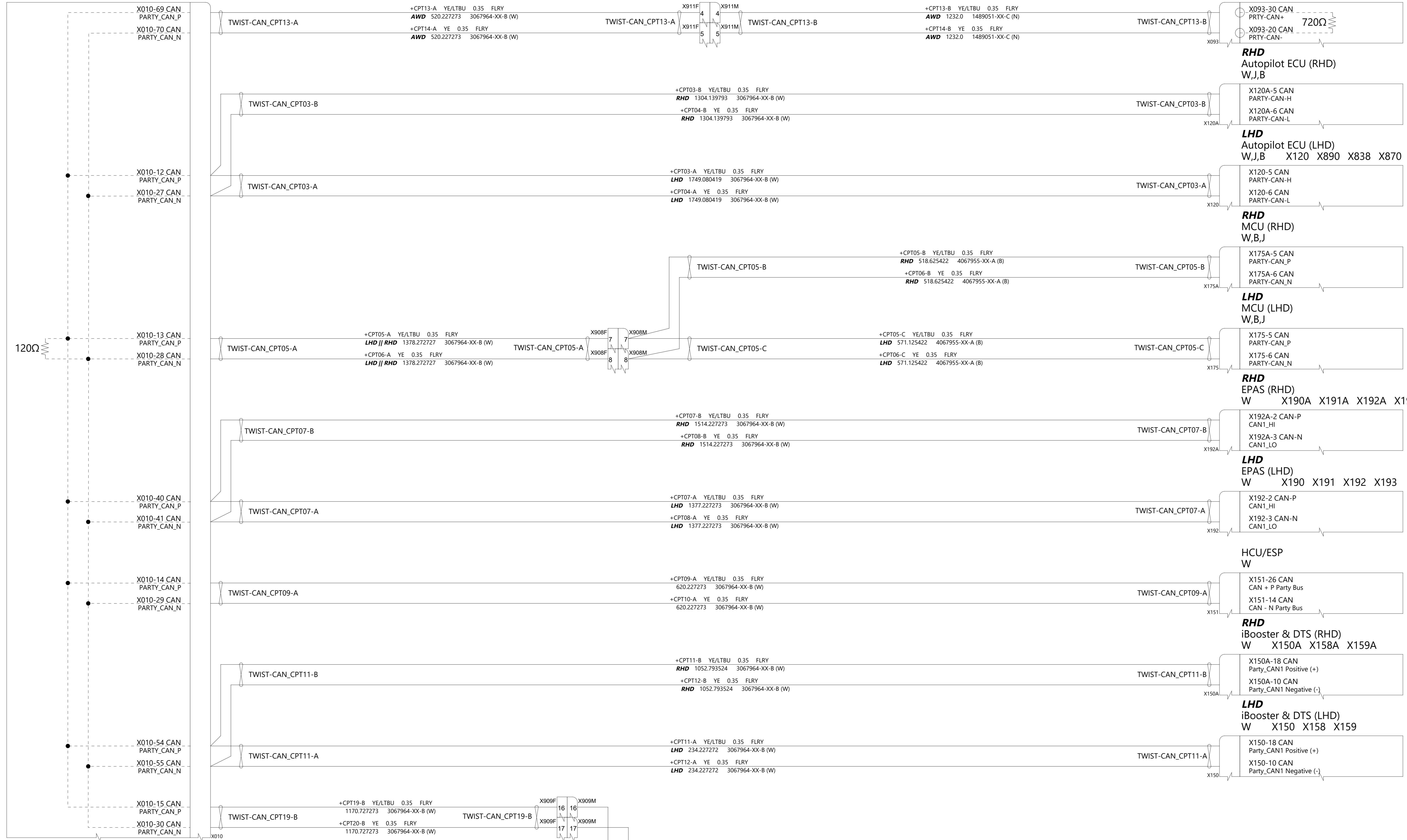
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MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
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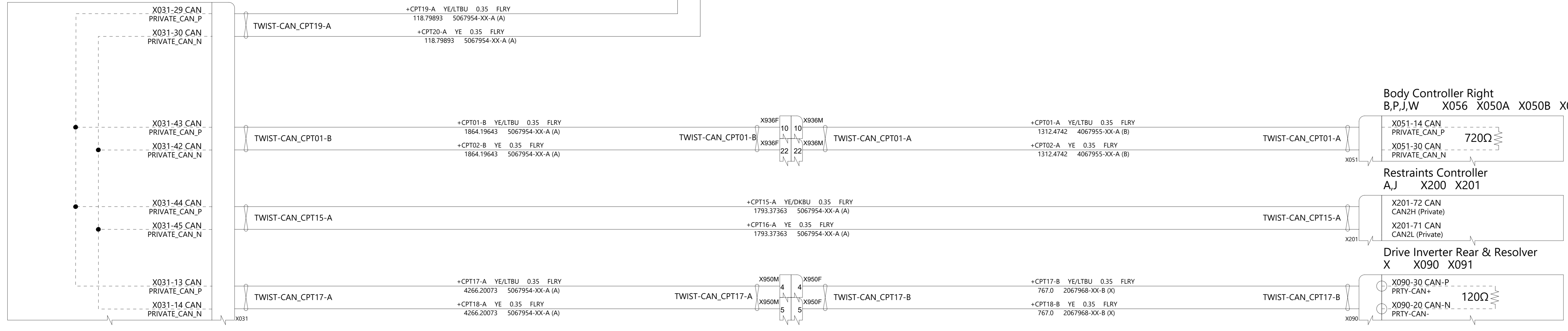
PART NAME
CAN Chassis

PART NUMBER	REV	SHEET	SIZE
	1	8 OF 50	A0

Body Controller Front
W,U X021 X012 X011 X010 X015 X014



Body Controller Left
A,D,J,W X030A X030B X031 X039 X037 X033A X033B X032 X035 X038

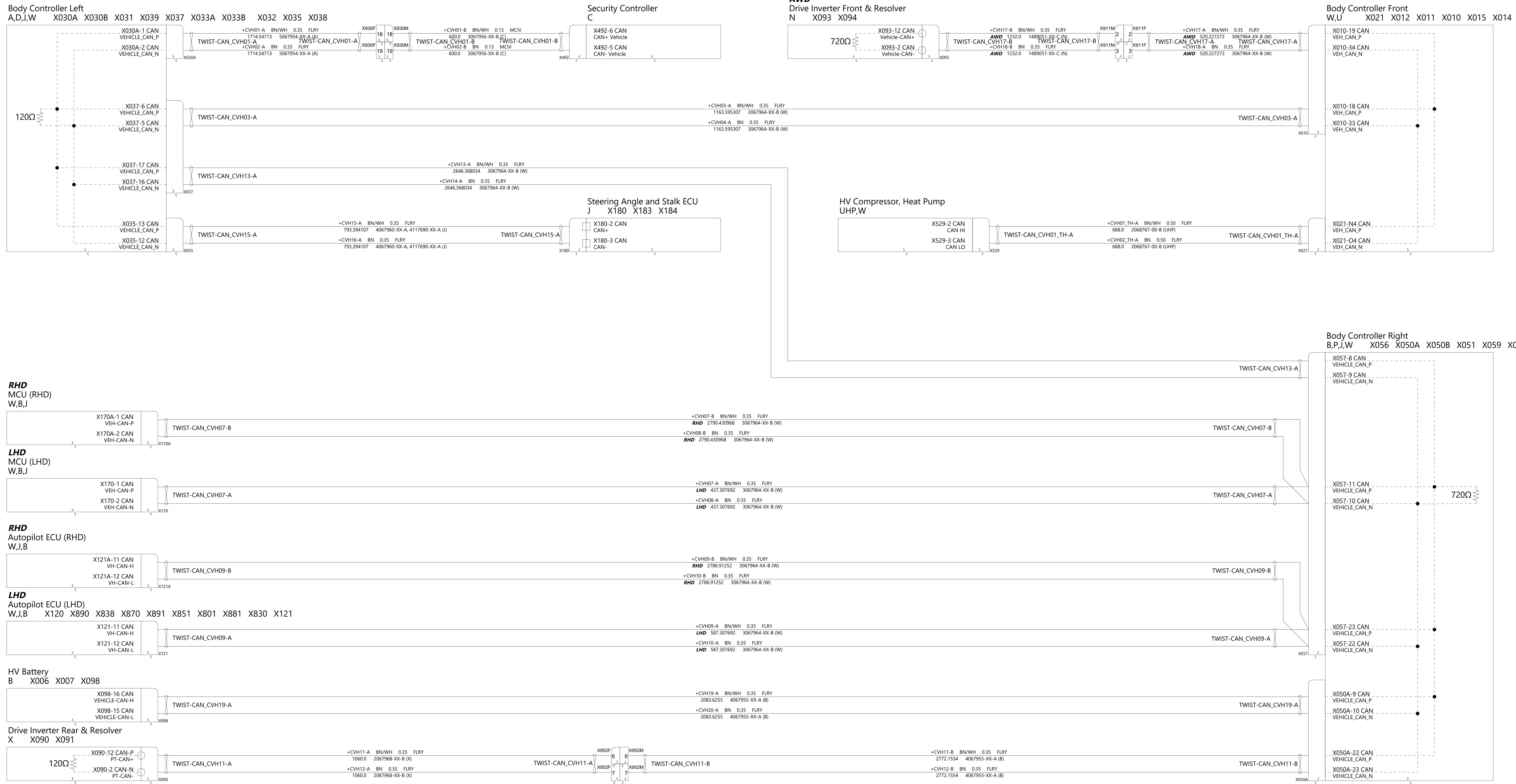


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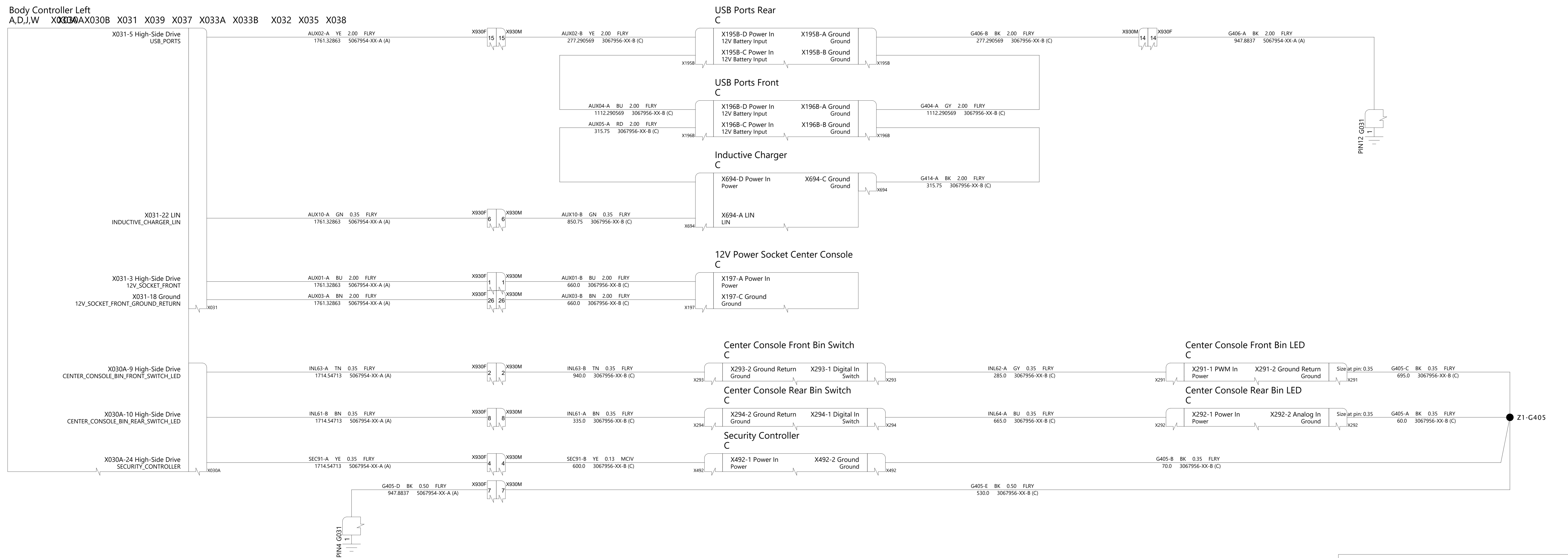
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE

PART NAME CAN Party	REV	SHEET	SIZE
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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME CAN Vehicle		
PART NUMBER	REV	SHEET
	1	10 of 50
		SIZE A0



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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME Center Console		
PART NUMBER	REV	SHEET
	1	11 of 50
		SIZE A0

Body Controller Left
A,D,J,W X030A X030B X031 X039 X037 X033A X033B X032 X035 X038

X030A-28 High-Side Drive
CHARGE_PORT_ECU X030A

+CP001-A TN 0.35 FLY
3510.25643 5067954-XX-A (A)

Charge Port ECU
A X096 X688 X687

X096-10 Power In
VBAT_PROT

Charge Port Inlet
A

X320-1 Signal Out
PROX-H

X320-2 Power In
HEAT-H

X320-4 Analog Out
THERM-1

X320-10 Analog Out
THERM-2

X320-8 Ground
INLET-1-GND

X320-9 Analog Out
THERM-3

X320-11 Signal Out
INLET-1-CONTINUITY

X320-12 Signal Out
PILOT

X312-3 High-Side Drive
LATCH-DRIVE-P

X312-2 Digital Out
LATCH-SW-1

X312-1 High-Side Drive
LATCH-DRIVE-N

X321-1 CAN
CAN-H-S+

X321-3 CAN
CAN-L-S-

X321-4 Signal Out
INLET-2-CONTINUITY

X321-2 Signal Out
PROX-CC2

X321-6 Ground
GND-2-INLET

X321-7 Signal Out
PROX-CC1

X321-8 Signal Out
THERM-4

X688-4 Signal In
PROXIMITY_H

X688-1 High-Side Drive
INLET_1_HEATER_OUT

X688-20 Signal In
INLET_NTC_1

X688-21 Signal In
INLET_NTC_2

X688-13 Ground
INLET_1_GND_RETURN

X688-22 Signal In
INLET_NTC_3

X688-5 Signal In
INLET_1_CONTINUITY

X688-16 Signal In
PILOT_SIGNAL

X688-12 Half-Bridge
LATCH_DRIVE_P

X688-23 Signal In
LATCH_SW_1

X688-24 Half-Bridge
LATCH_DRIVE_N

X688-9 CAN
GB_DC_CAN_P

X688-10 CAN
GB_DC_CAN_N

X688-11 Signal In
INLET_2_CONTINUITY

X688-3 Signal In
GB_DC_PROXIMITY_CC2

X688-17 Ground
INLET_2_GND_RETURN

X688-2 Signal In
GB_DC_PROXIMITY_CC1

X688-6 Signal In
THERM-4

X687-2 High-Side Drive
LDC_POWER

X687-12 Special
UHF_ANTENNA

X687-14 Signal In
LDC_INTERRUPT

X687-3 Ground
TRIM_GND_RETURN

X687-13 Signal Out
LDC_SHUTDOWN

X687-6 High-Side Drive
LED_RED

X687-4 Special
LDC_SCL

X687-7 High-Side Drive
LED_GREEN

X687-1 Special
LDC_SDA

X687-8 High-Side Drive
LED_BLUE

X687-16 Half-Bridge
DOOR_DRIVE_N

X687-15 Half-Bridge
DOOR_DRIVE_P

X687-11 High-Side Drive
DOOR_POSITION_POWER

X687-5 Signal In
DOOR_POSITION

X687-10 Ground
DOOR_POSITION_GND_RETURN

X096-9 Ground
GND

CP101-A YE 0.50 FLY
241.470805 5067954-XX-A (A)

CP102-A RD 0.50 FLY
241.470805 5067954-XX-A (A)

CP104-A YE 0.50 FLY
241.470805 5067954-XX-A (A)

CP122-A BN 0.50 FLY
241.470805 5067954-XX-A (A)

CP108-A BU 0.50 FLY
241.470805 5067954-XX-A (A)

CP109-A VT 0.50 FLY
241.470805 5067954-XX-A (A)

CP111-A GN 0.50 FLY
241.470805 5067954-XX-A (A)

CP112-A WH 0.50 FLY
241.470805 5067954-XX-A (A)

CP113-A VT 0.35 FLY
241.622193 5067954-XX-A (A)

CP114-A RD 0.35 FLY
241.622193 5067954-XX-A (A)

CP115-A BU 0.35 FLY
241.622193 5067954-XX-A (A)

CP116-A BK 0.50 FLY
241.622193 5067954-XX-A (A)

CP117-A WH 0.50 FLY
241.622193 5067954-XX-A (A)

CP118-A GN 0.50 FLY
241.622193 5067954-XX-A (A)

CP119-A BN 0.50 FLY
241.622193 5067954-XX-A (A)

CP120-A BU 0.50 FLY
241.622193 5067954-XX-A (A)

CP121-A GY 0.50 FLY
241.622193 5067954-XX-A (A)

CP123-A YE 0.50 FLY
241.622193 5067954-XX-A (A)

CPD02-A BN 0.13 MCIV
13.25 1099953-XX-F (CP Door)

CPD10-A WH 0.13 MCIV
13.25 1099953-XX-F (CP Door)

CPD06-A GY 0.13 MCIV
13.25 1099953-XX-F (CP Door)

CPD03-A OG 0.13 MCIV
13.25 1099953-XX-F (CP Door)

CPD05-A VT 0.13 MCIV
13.25 1099953-XX-F (CP Door)

CPD07-A RD 0.13 MCIV
13.25 1099953-XX-F (CP Door)

CPD04-A YL 0.13 MCIV
13.25 1099953-XX-F (CP Door)

CPD08-A GN 0.13 MCIV
13.25 1099953-XX-F (CP Door)

CPD01-A BK 0.13 MCIV
13.25 1099953-XX-F (CP Door)

CPD09-A BU 0.13 MCIV
13.25 1099953-XX-F (CP Door)

CPD11-A RD 0.35 FLY
13.75 1099953-XX-F (CP Door)

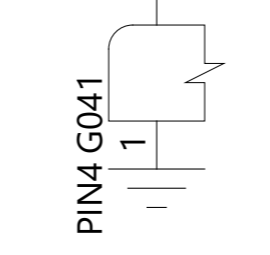
CPD13-A VT 0.35 FLY
13.75 1099953-XX-F (CP Door)

CPD14-A OG 0.35 FLY
13.75 1099953-XX-F (CP Door)

CPD15-A GN 0.35 FLY
13.75 1099953-XX-F (CP Door)

CPD12-A BK 0.35 FLY
13.75 1099953-XX-F (CP Door)

+G653-A BK 0.35 FLY
395.0 5067954-XX-A (A)

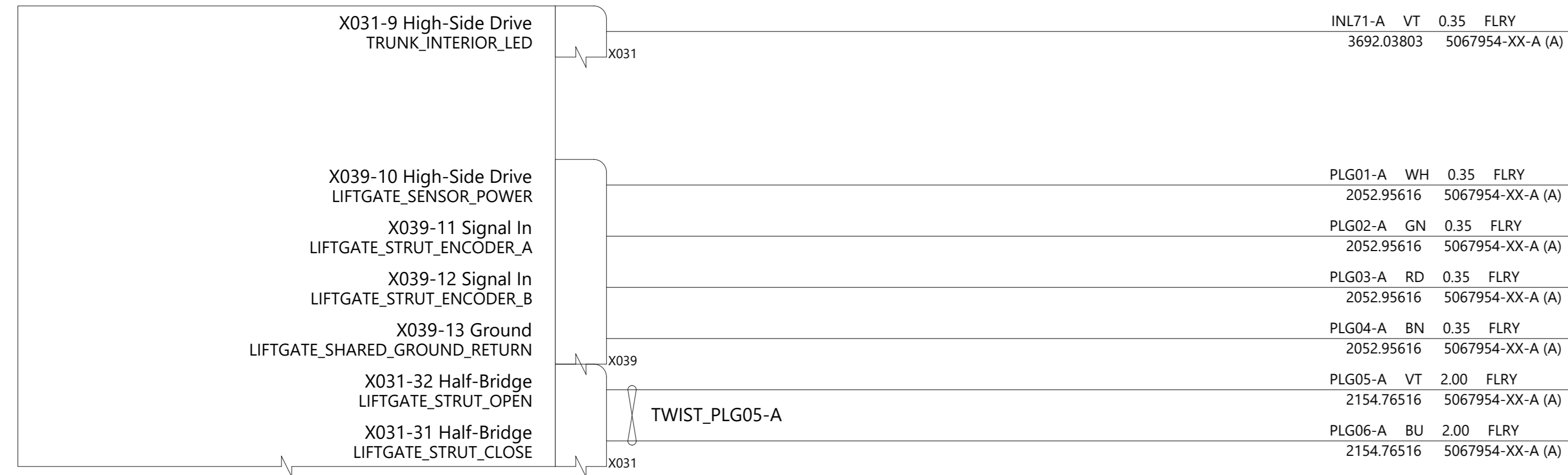


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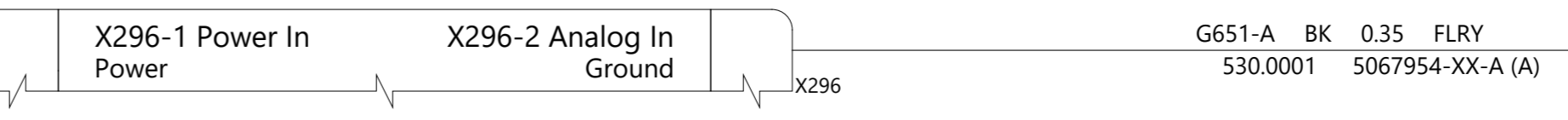
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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME Charge Port Inlet		
PART NUMBER	REV	SHEET
	1	12 OF 50
		SIZE A0

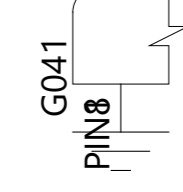
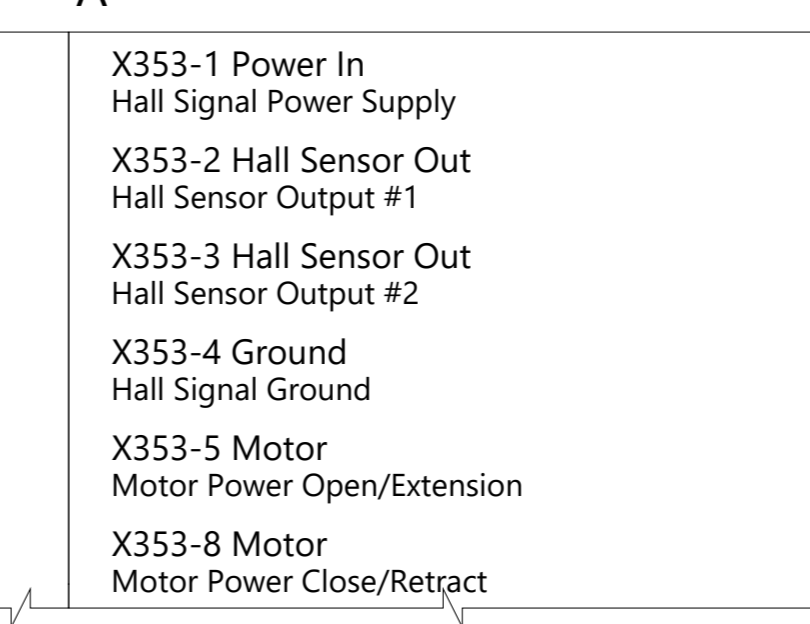
Body Controller Left
A,D,J,W X030A X030A X031 X039 X037 X033A X033B X032 X035 X038



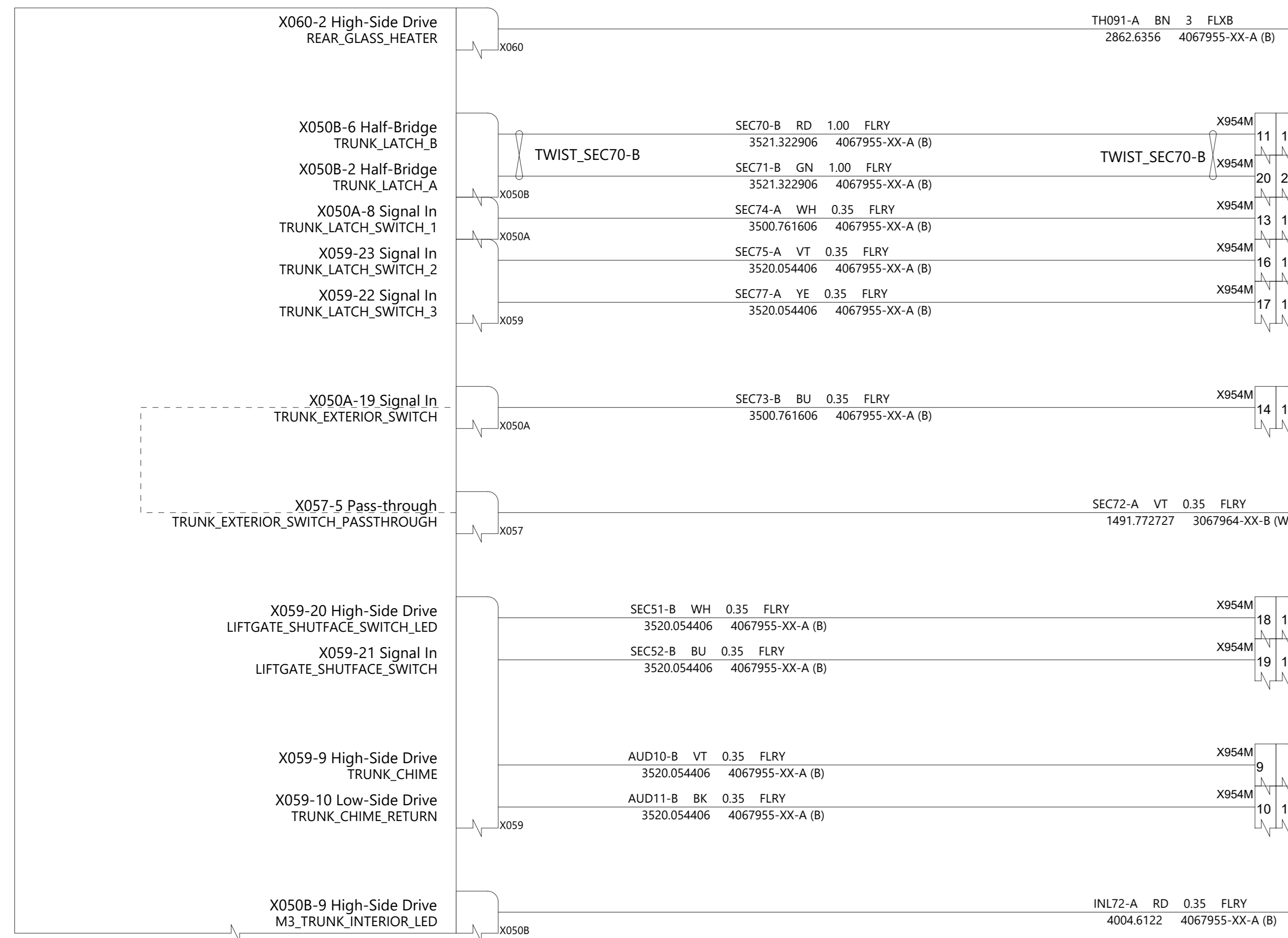
Trunk Internal Illumination Left
A



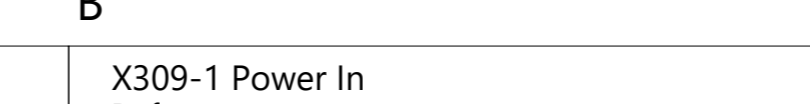
Trunk Power Strut
A



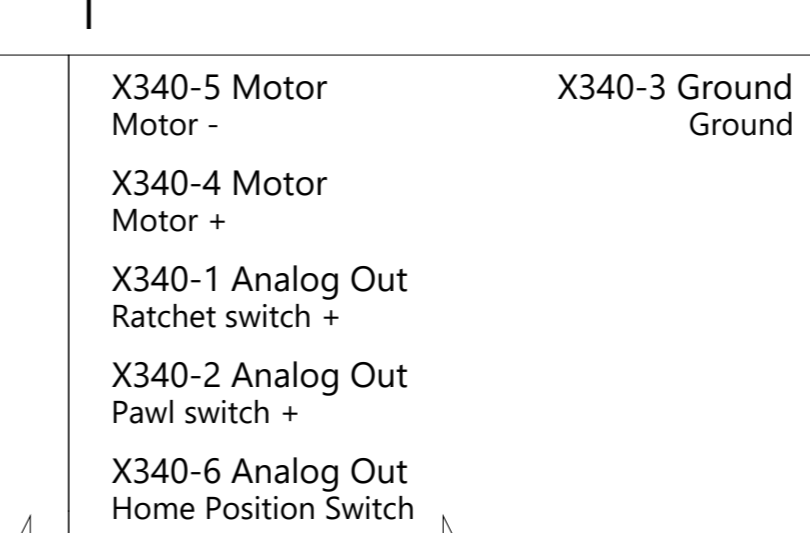
Body Controller Right
B,P,J,W X056 X050A X050B X051 X059 X057 X053A X053B X052 X055 X058 X060



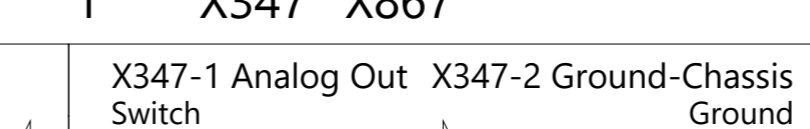
Rear Defrost
B



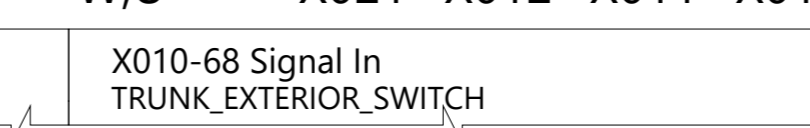
Trunk Cinching Latch
T



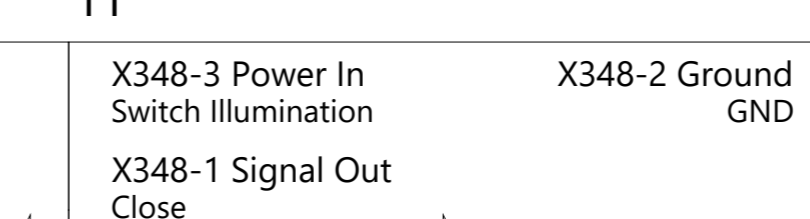
Decklid External Switch & BUC
T X347 X867



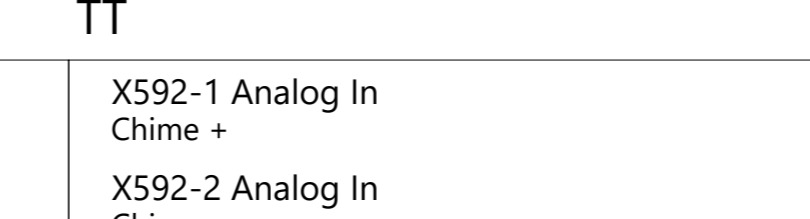
Body Controller Front
W,U X021 X012 X011 X010 X015 X014



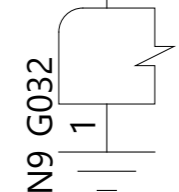
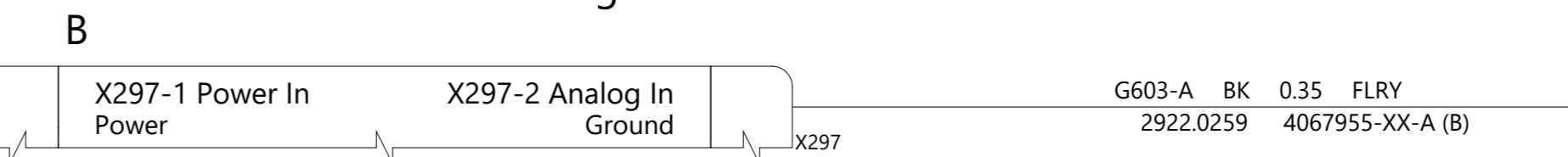
Trunk Internal Close Switch
TT



Trunk Chime
TT



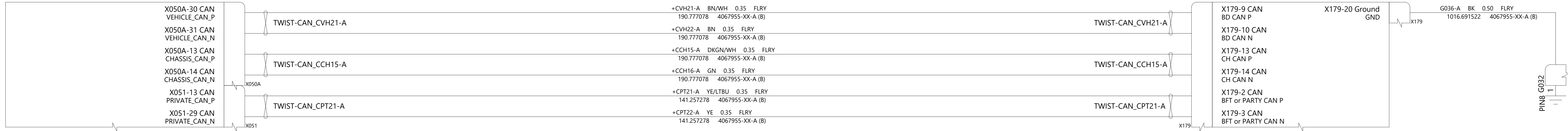
Trunk Internal Illumination Right
B



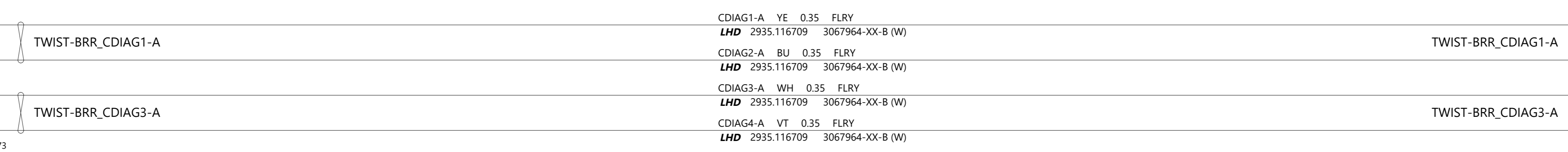
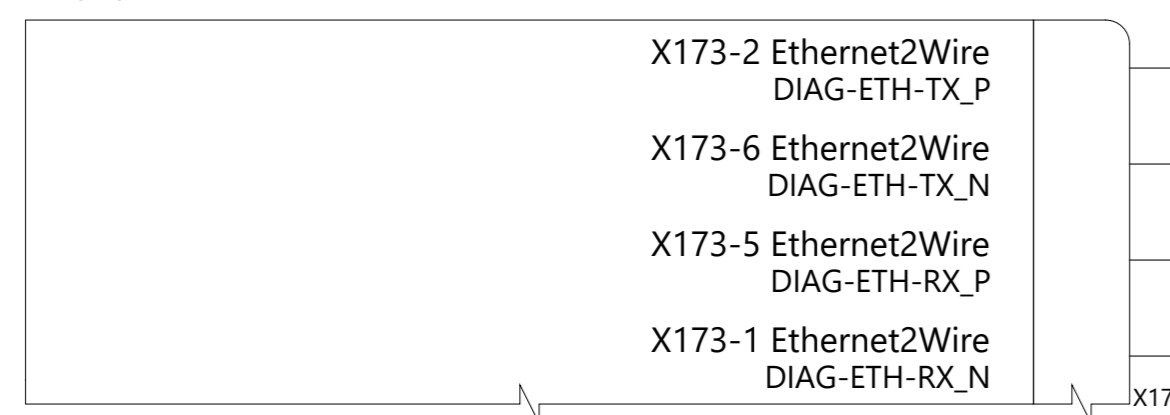
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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME Decklid and Trunk		
PART NUMBER	REV	SHEET
	1	13 OF 50
		SCALE
		A0

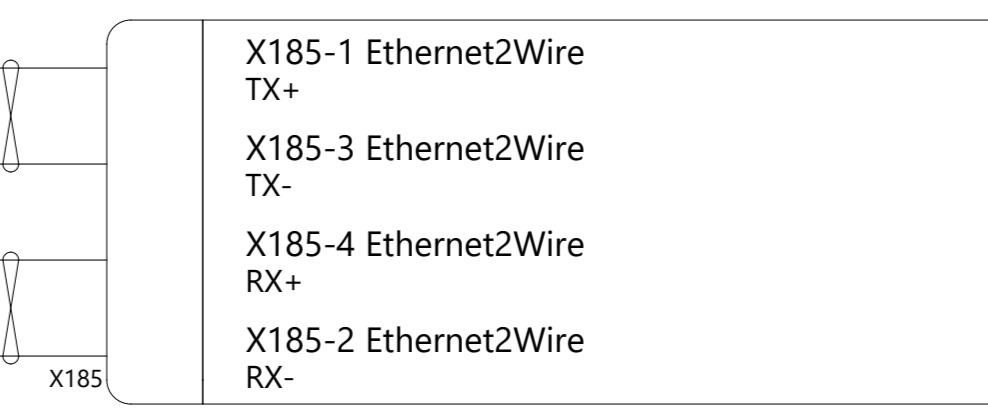
Body Controller Right
B,P,J,W X056 X050A X050B X051 X059 X057 X053A X053B X052 X055 X058 X060



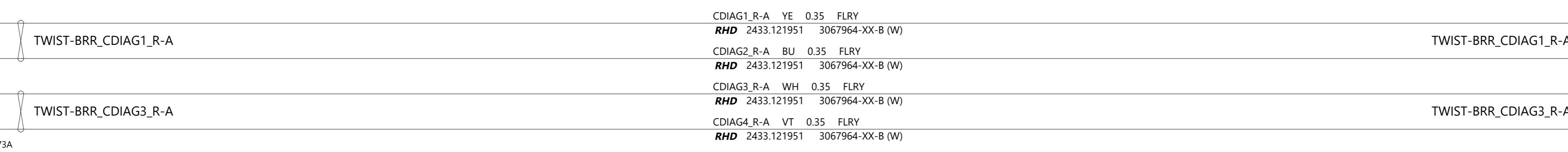
LHD
MCU (LHD)
W,B,J



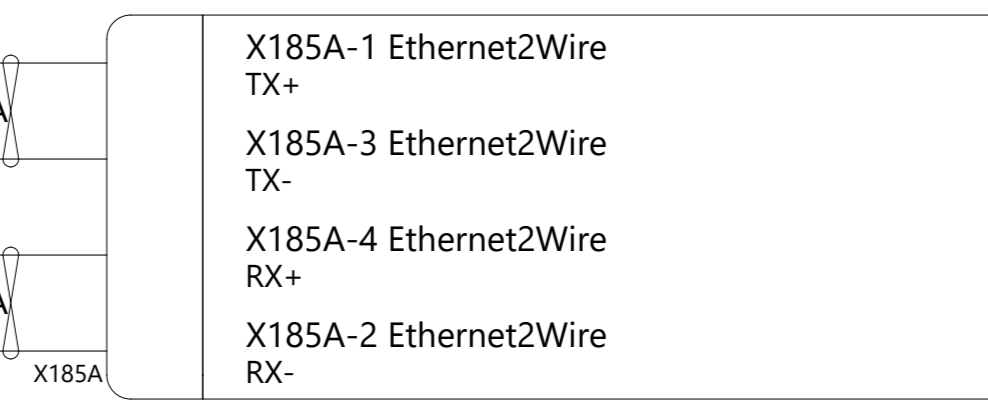
LHD
Diag Connector Cabin (LHD)
W



RHD
MCU (RHD)
W,B,J



RHD
Diag Connector Cabin (RHD)
W



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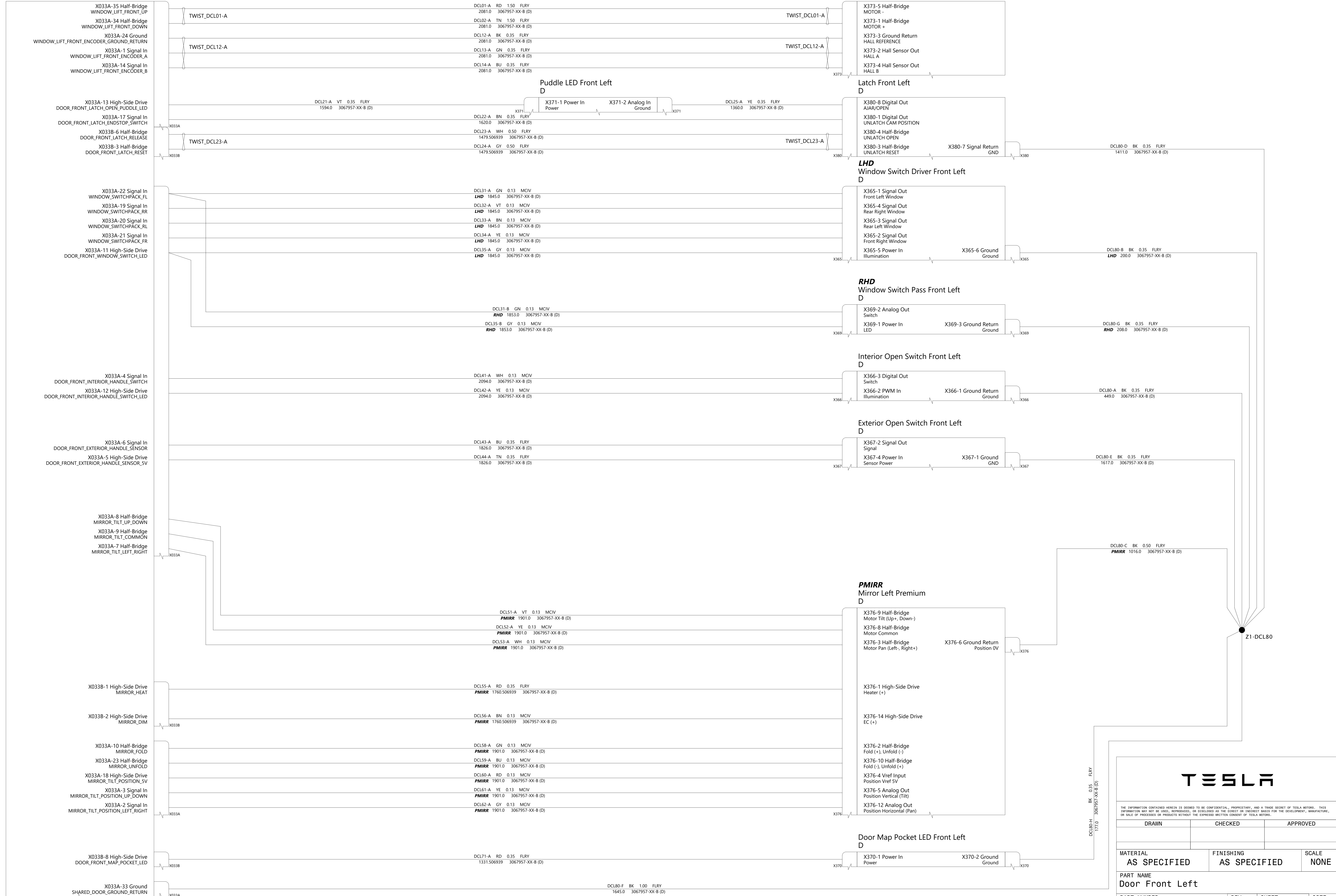
DRAWN	CHECKED	APPROVED

MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
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PART NAME
Diagnostics

PART NUMBER	REV	SHEET	SIZE
	1	14 of 50	A0

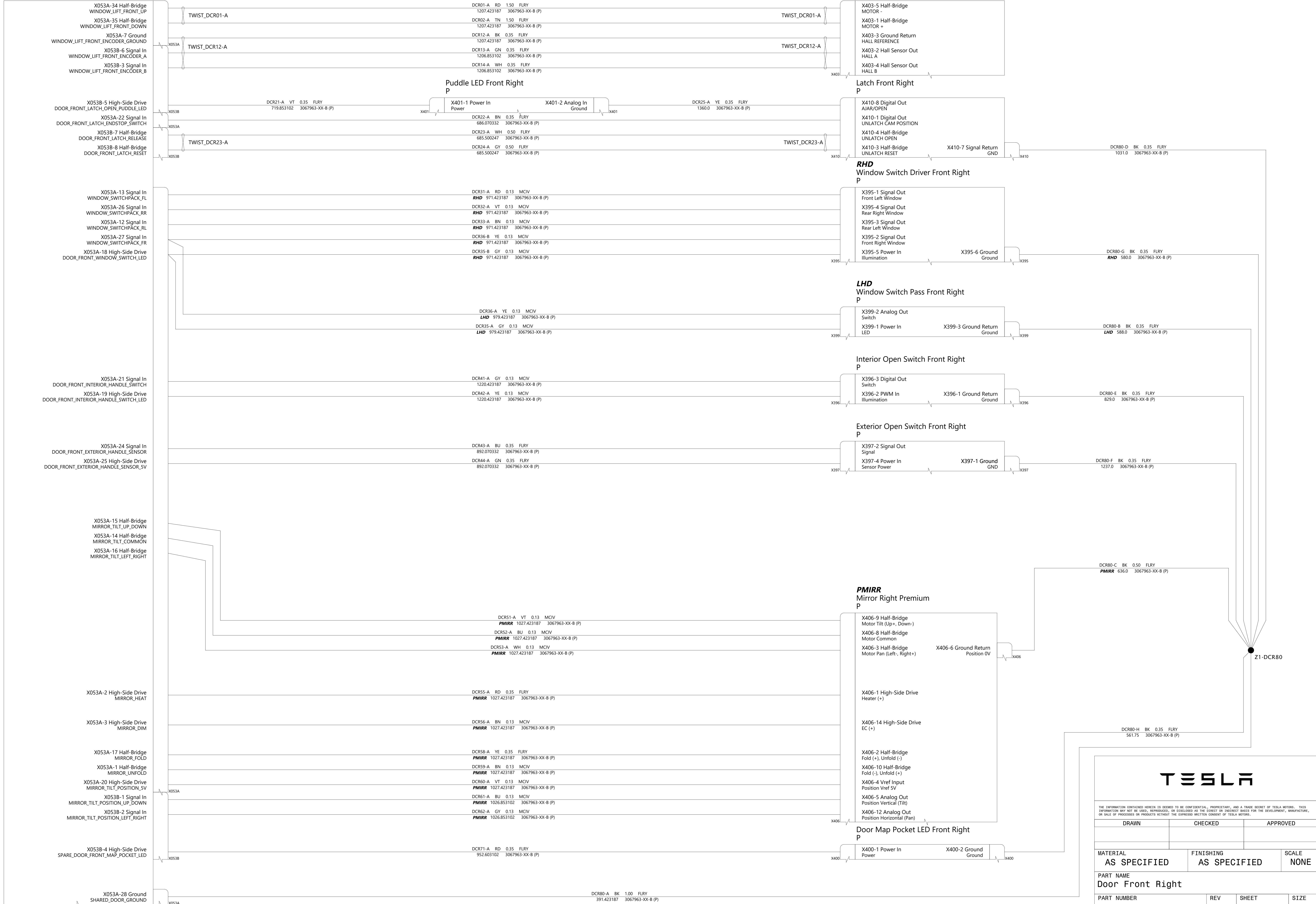
Body Controller Left
A,D,J,W X030A X030B X031 X039 X037 X033A X033B X032 X035 X038



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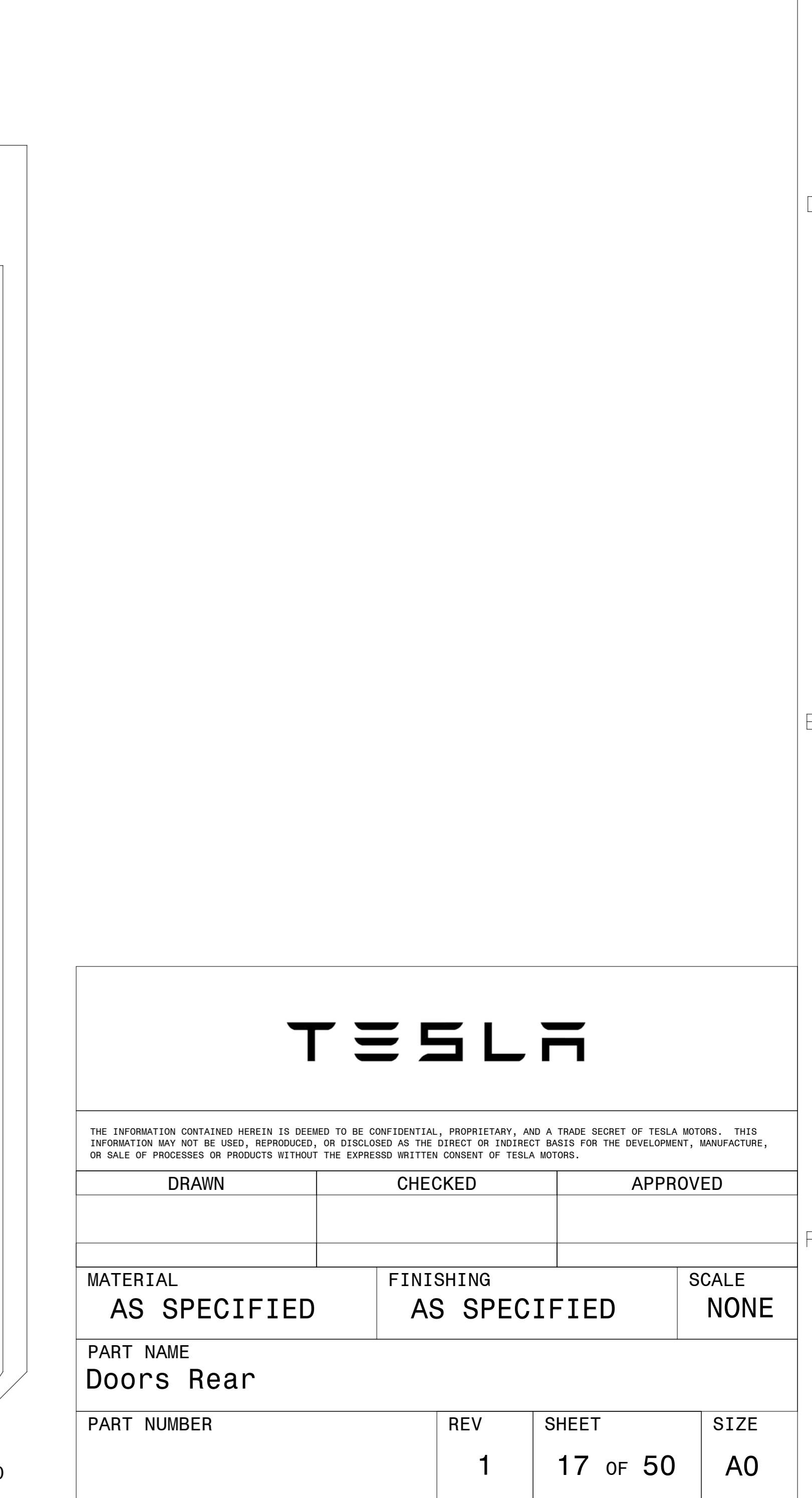
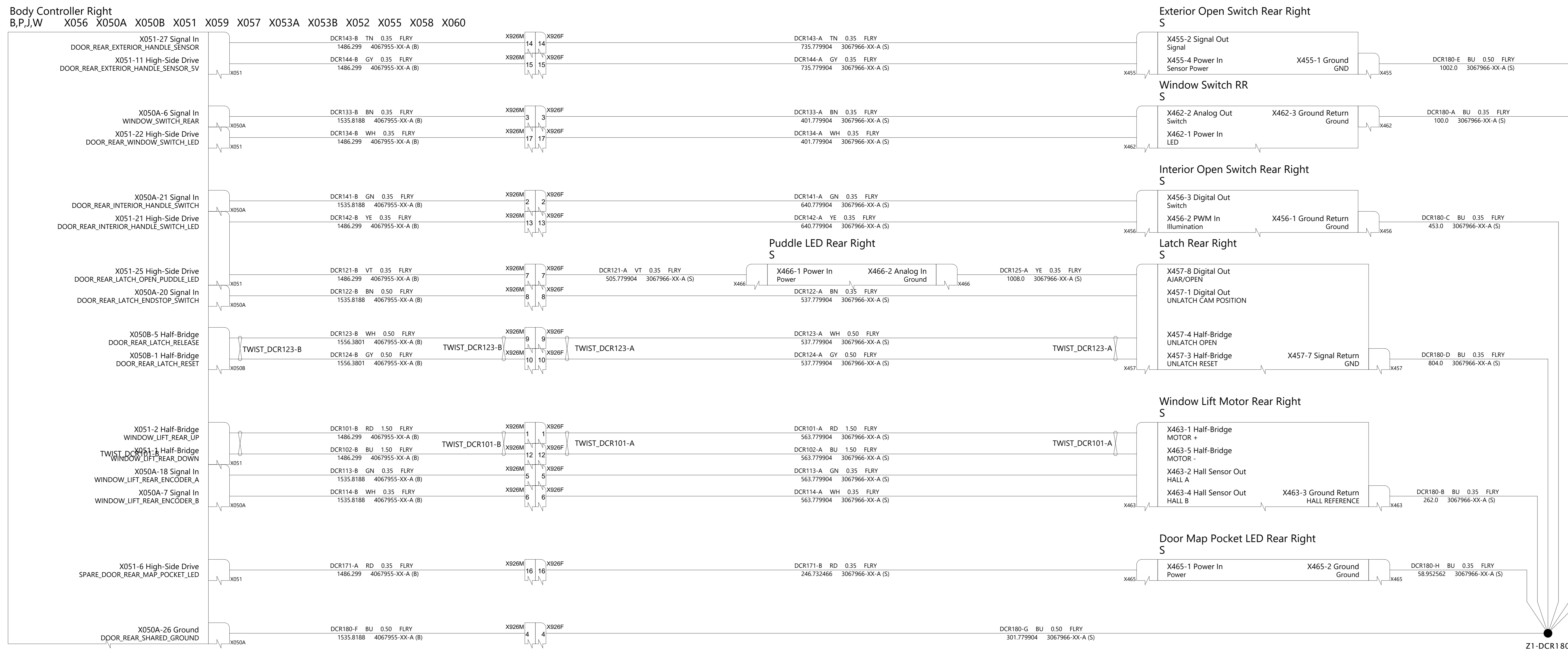
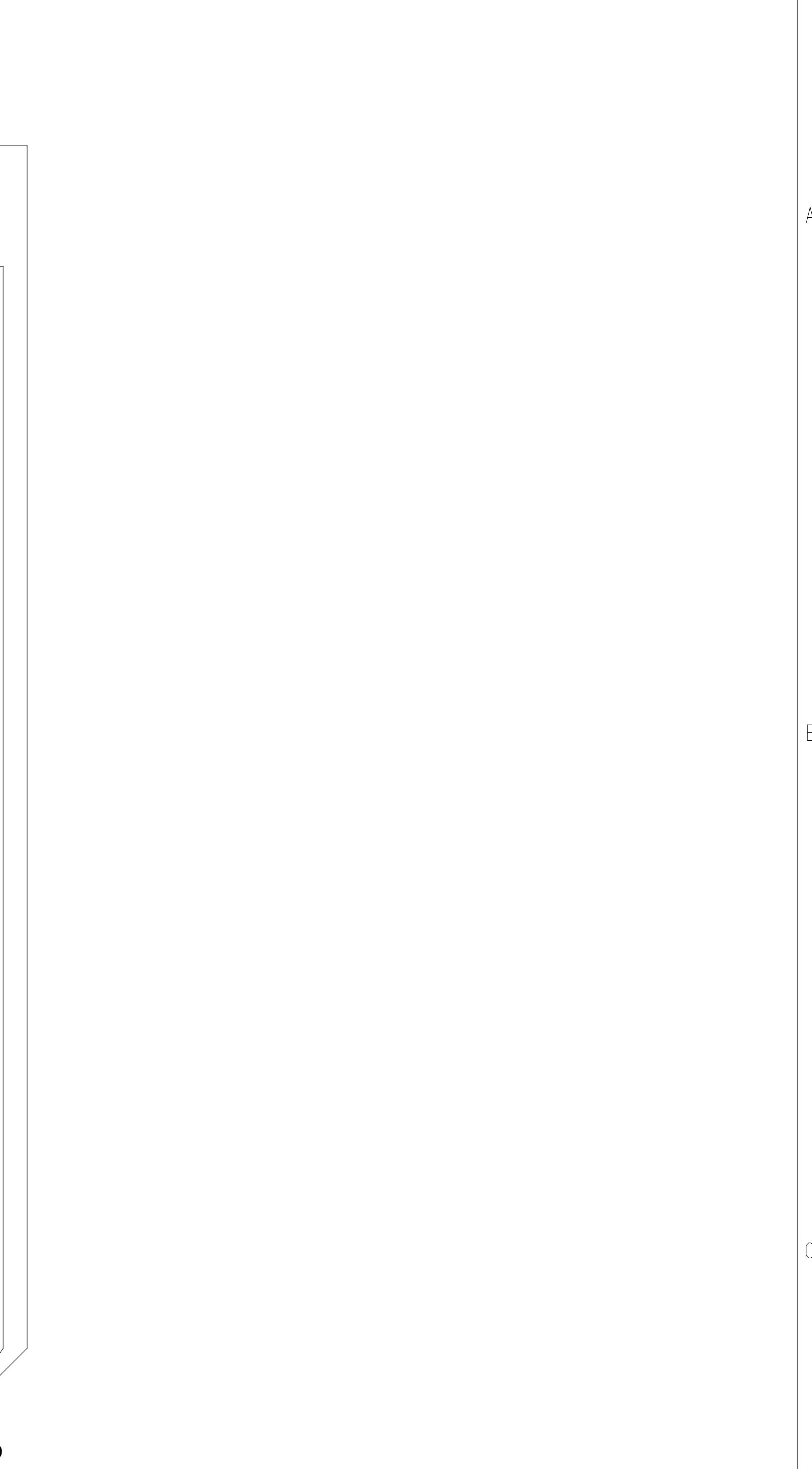
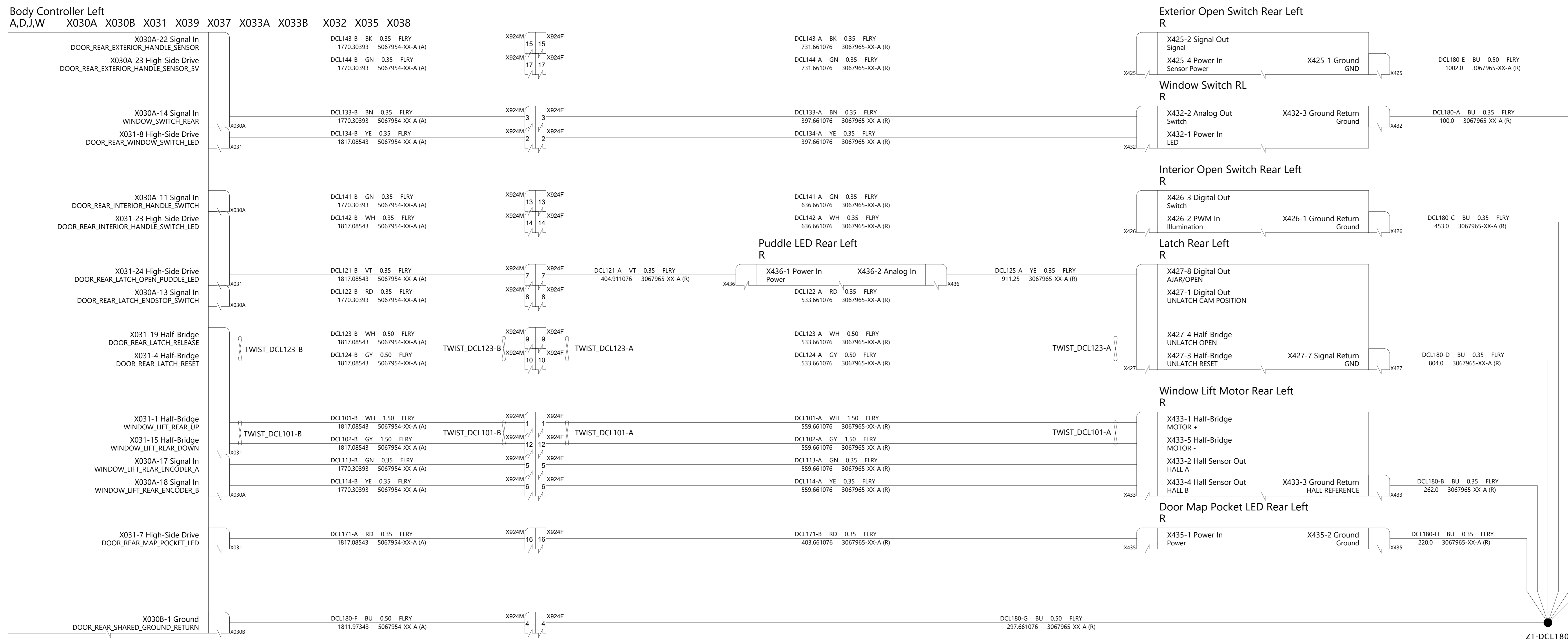
DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME Door Front Left		
PART NUMBER	REV	SHEET
	1	15 OF 50
		SIZE A0

Body Controller Right
B,P,J,W X056 X050A X051 X059 X057 X053A X053B X052 X055 X058 X060



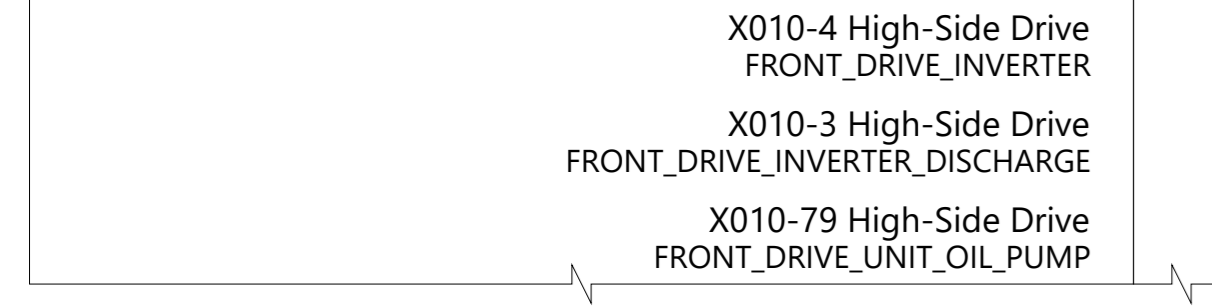
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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME Door Front Right		
PART NUMBER	REV 1	SHEET 16 OF 50
		SIZE A0

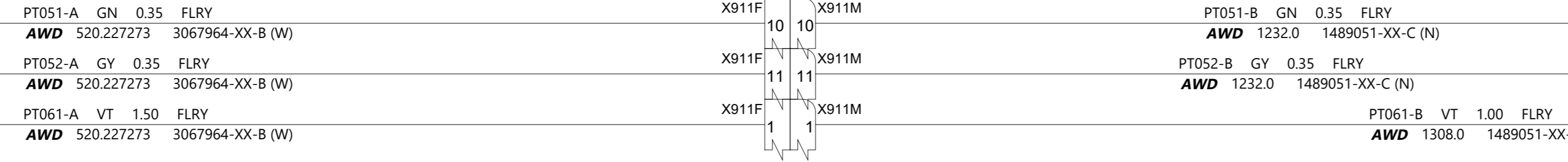
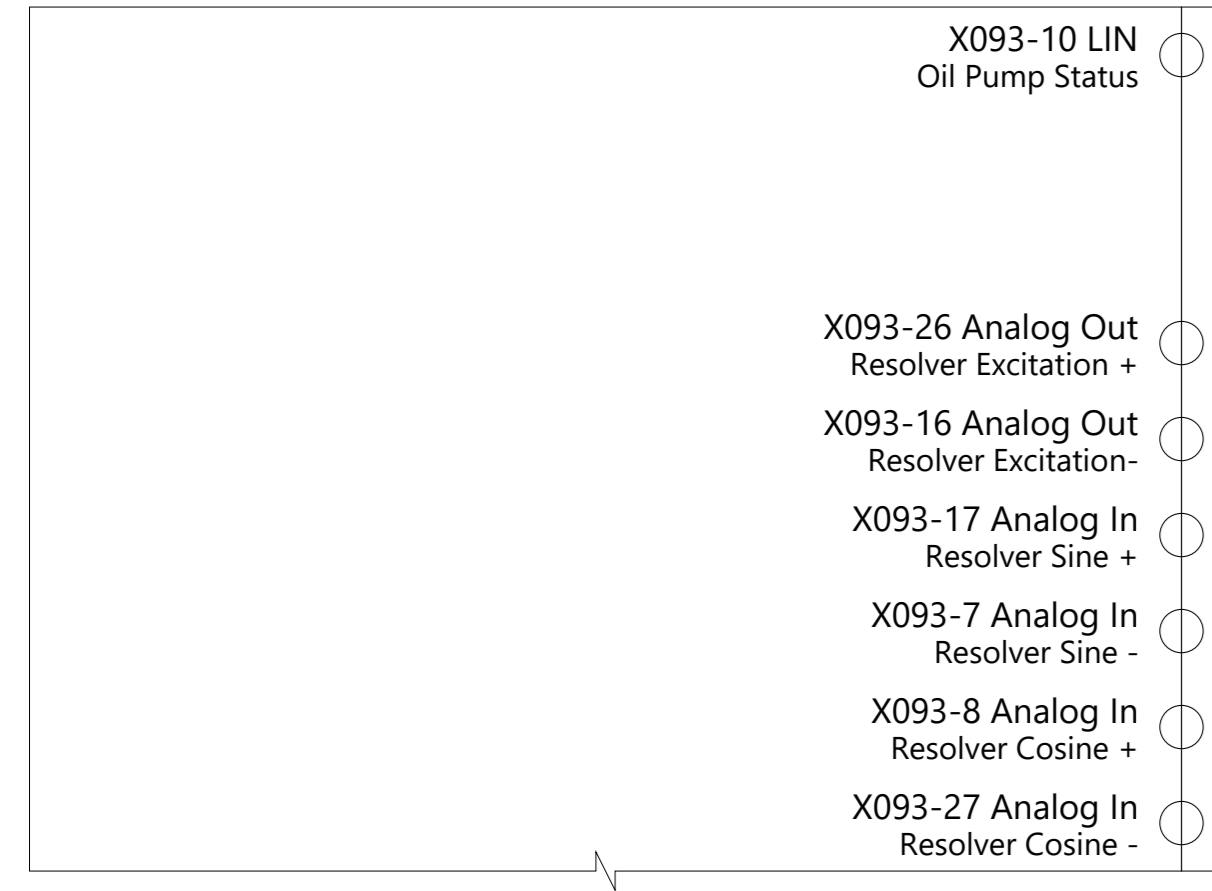


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DRAWN	CHECKED	APPROVED	
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE	
PART NAME Doors Rear			
PART NUMBER	REV 1	SHEET 17 of 50	SIZE A0

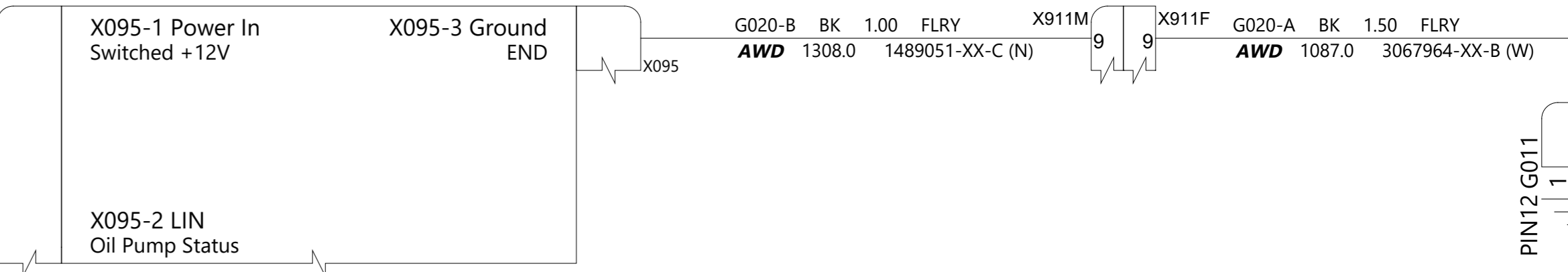
Body Controller Front
W,U X021 X012 X011 X010 X015 X014



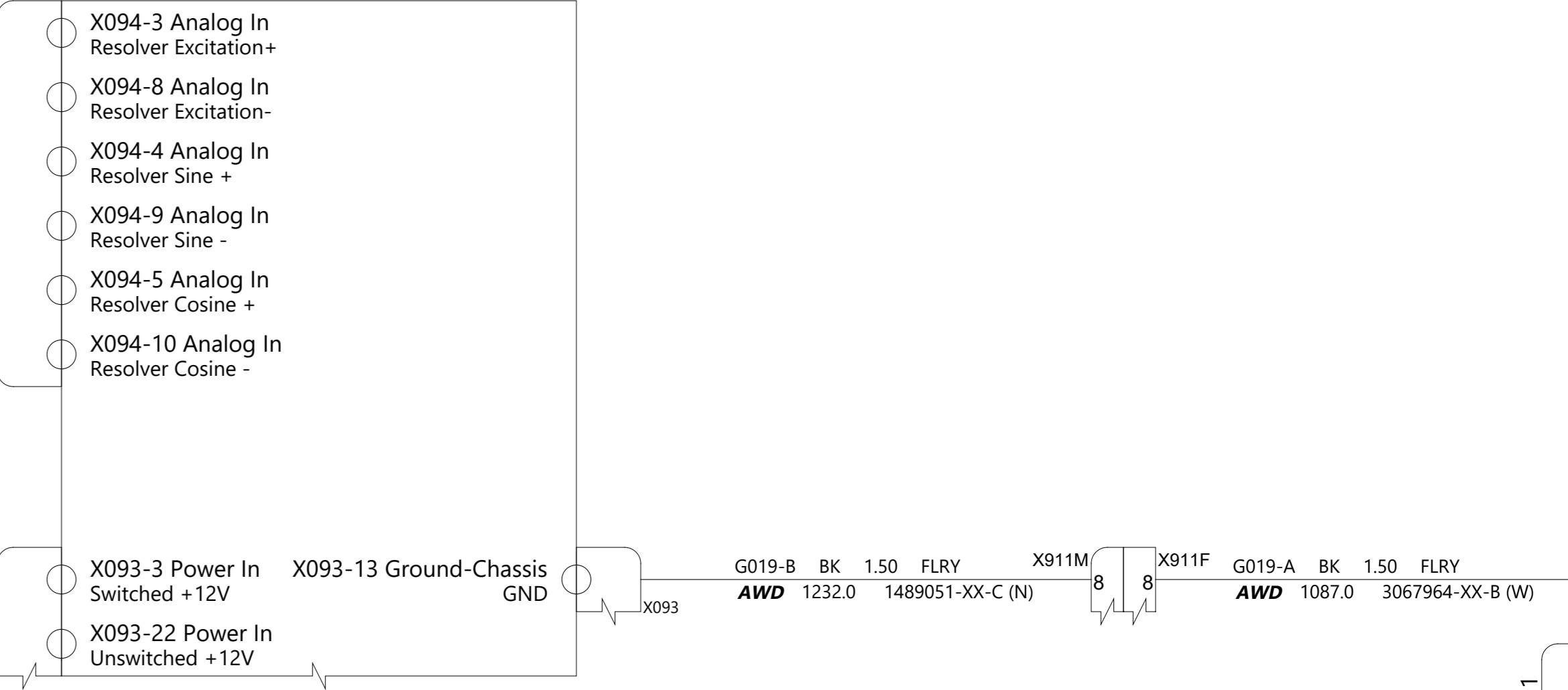
AWD Drive Inverter Front & Resolver
N X093 X094



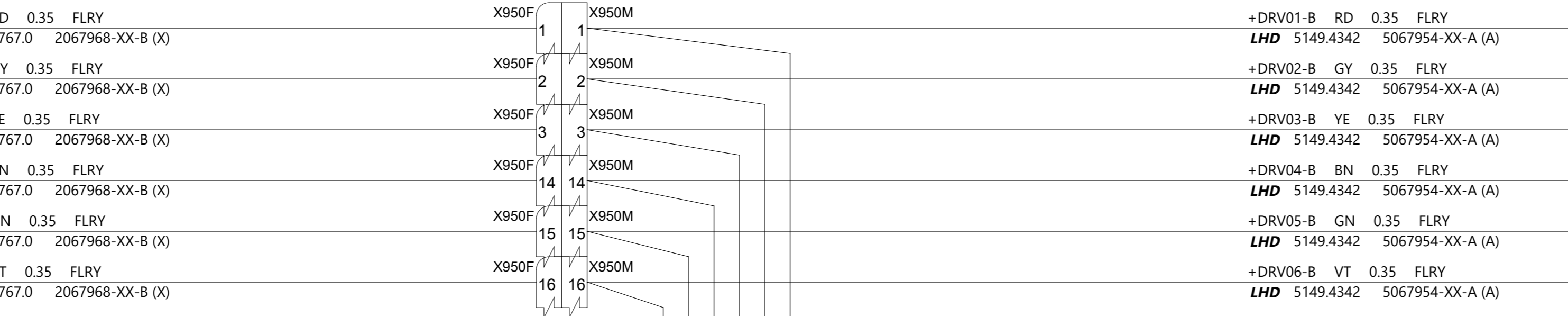
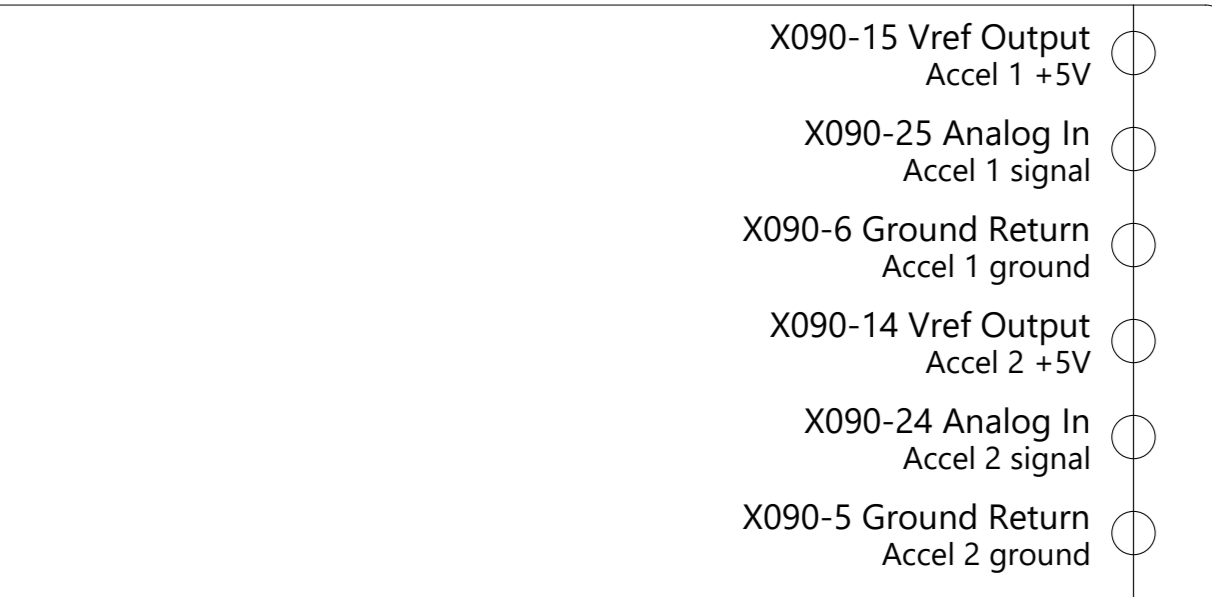
AWD Drive Unit Oil Pump Front
N



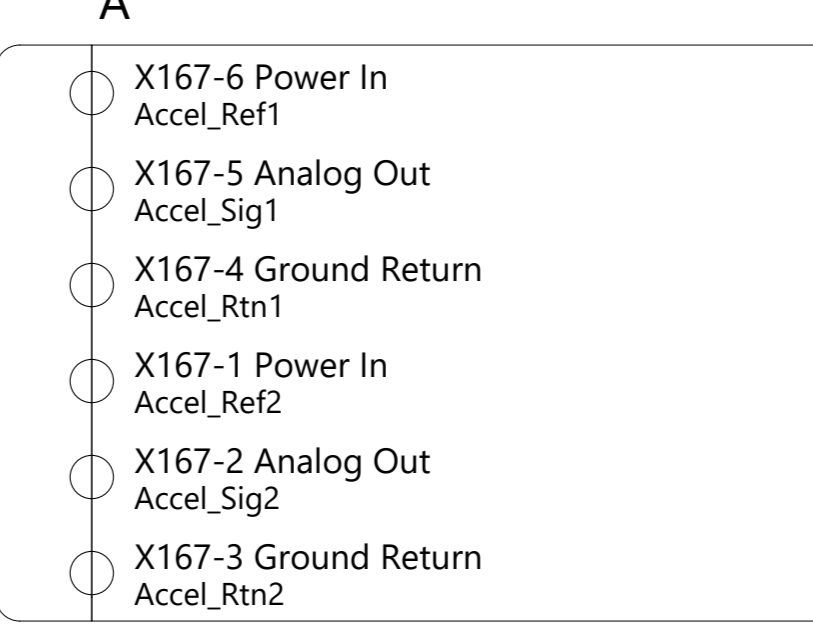
AWD Drive Inverter Front & Resolver
N X093 X094



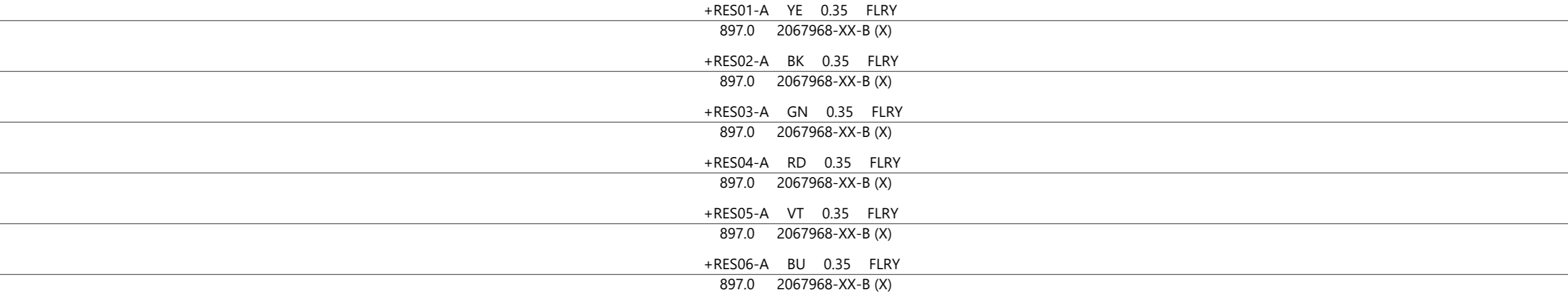
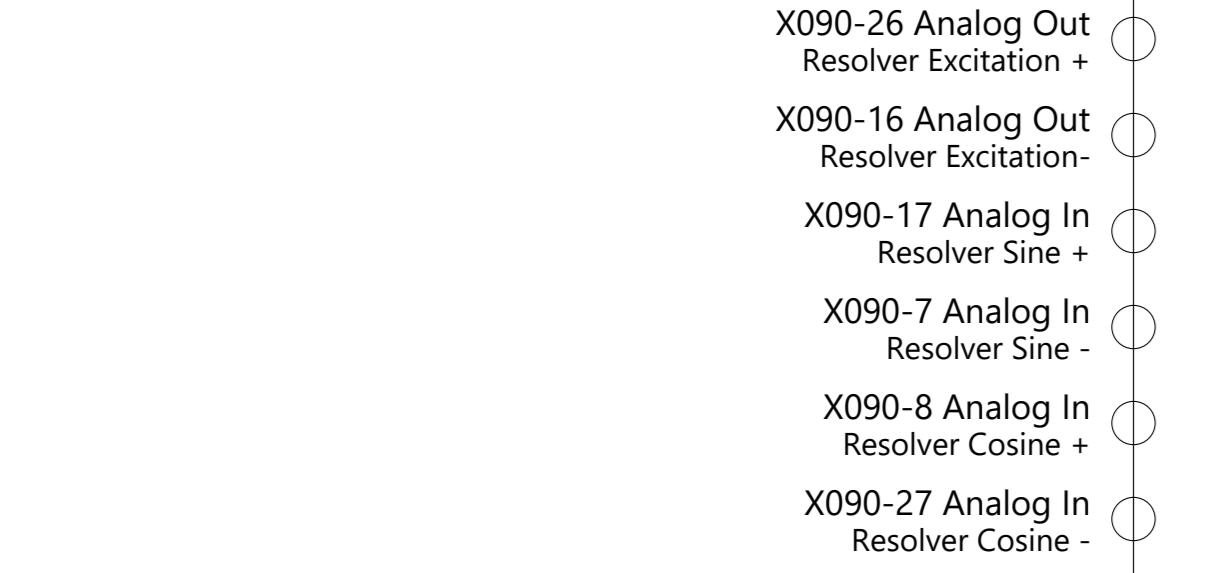
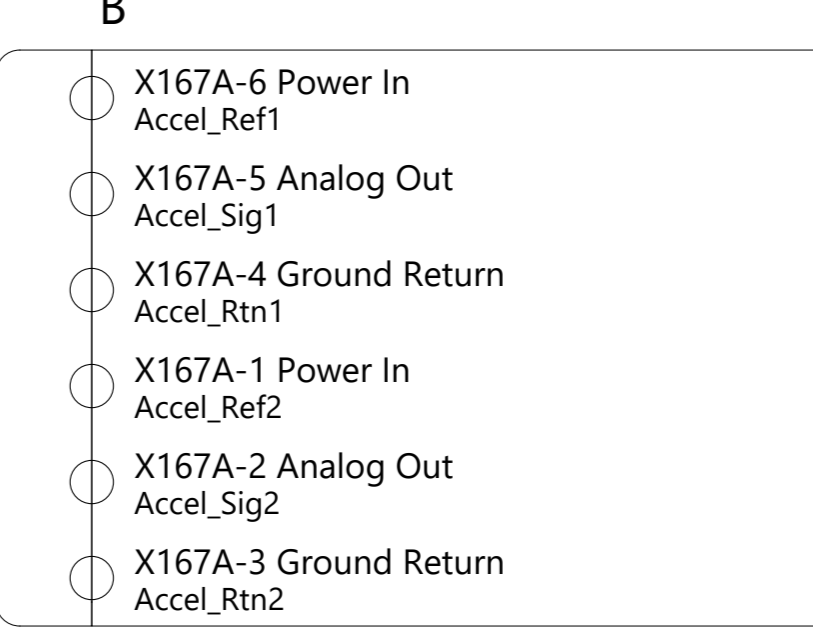
Drive Inverter Rear & Resolver
X X090 X091



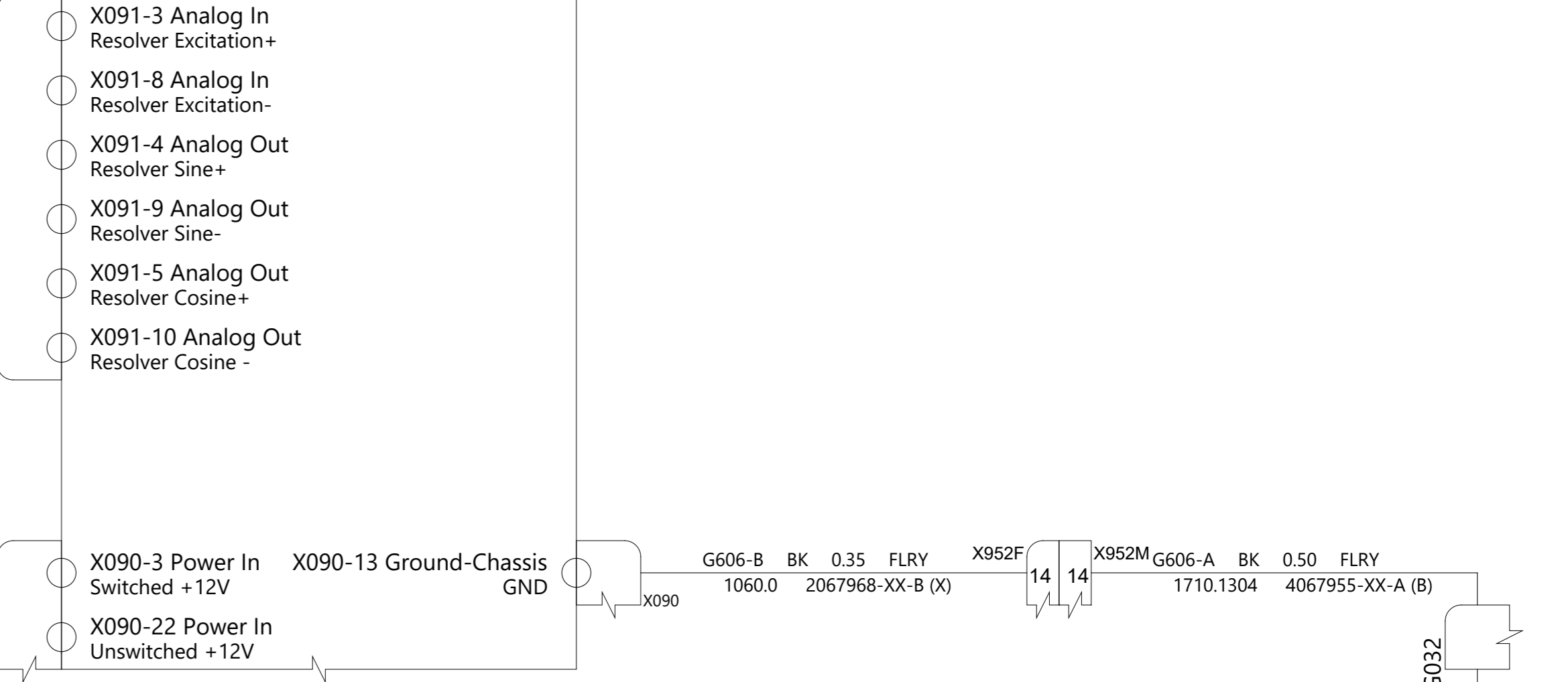
LHD Accel Pedal Sensor (LHD)
A



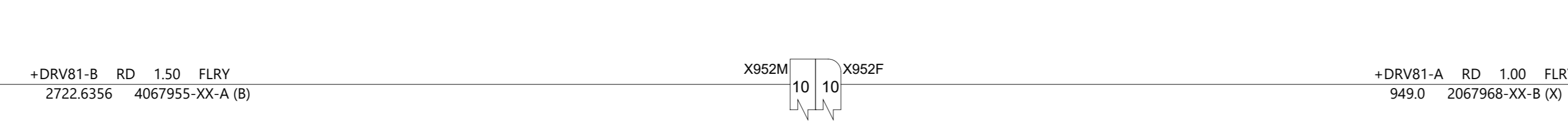
RHD Accel Pedal Sensor (RHD)
B



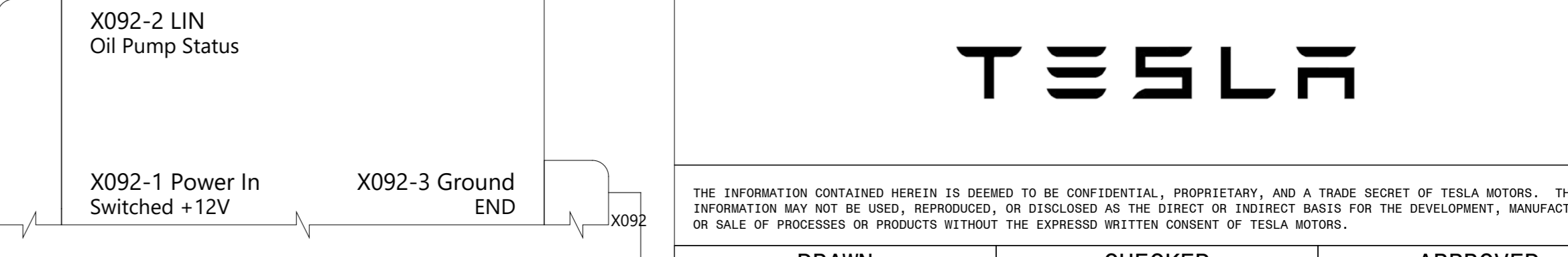
Drive Inverter Rear & Resolver
X X090 X091



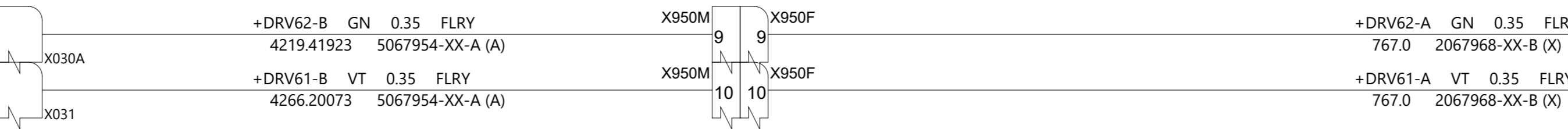
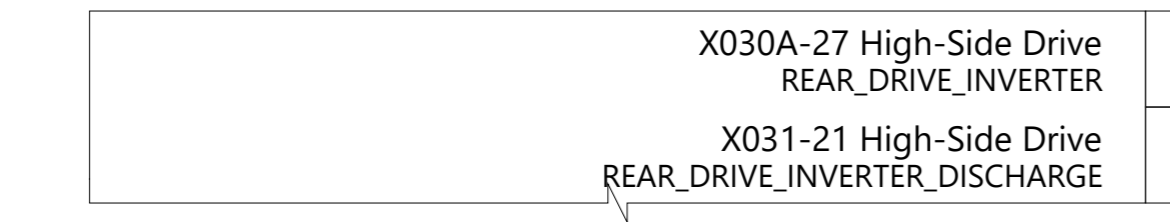
Body Controller Right
B,P,J,W X056 X050A X050B X051 X059 X057 X053A X053B X052 X055 X058 X060



Drive Unit Oil Pump Rear
X

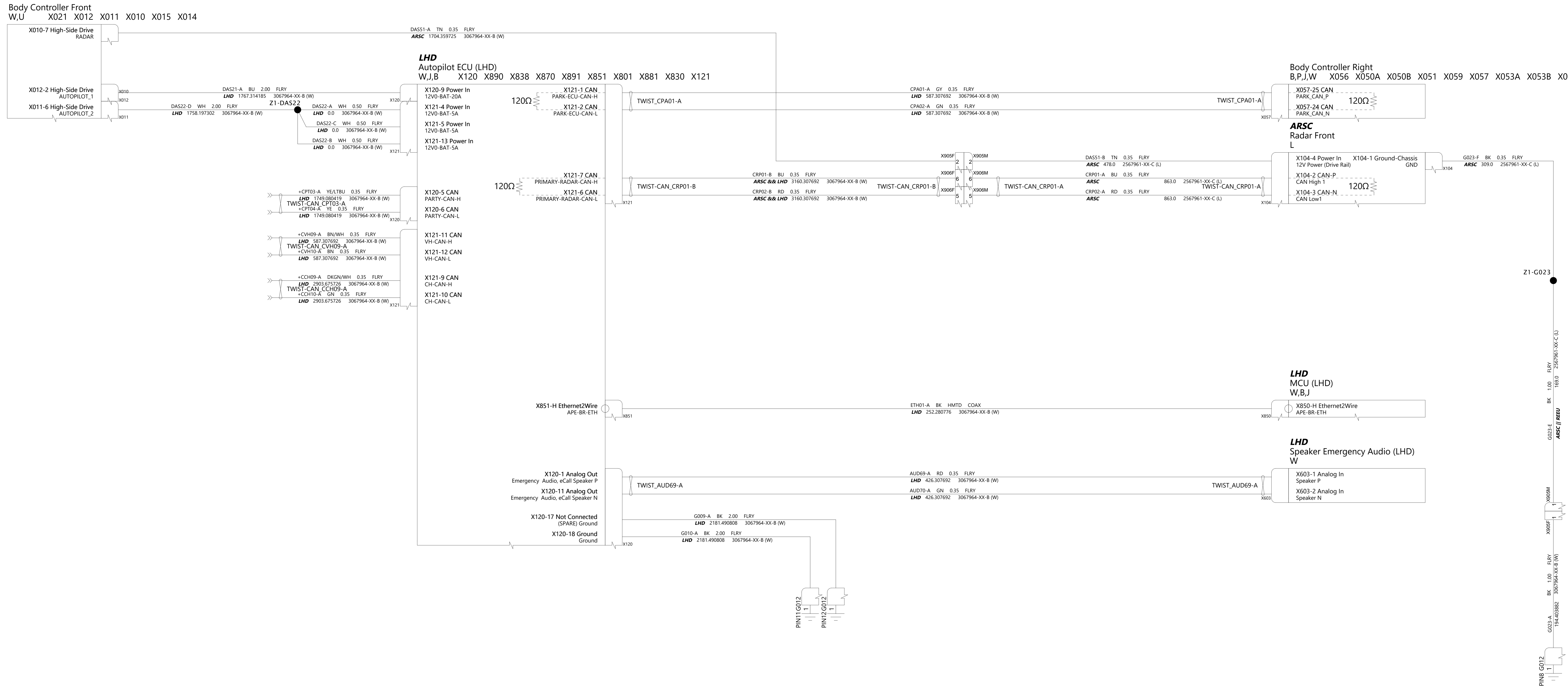


Body Controller Left
A,D,J,W X030A X030B X031 X039 X037 X033A X033B X032 X035 X038



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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME Drive Inverters		
PART NUMBER	REV	SHEET
	1	18 of 50
		SIZE A0



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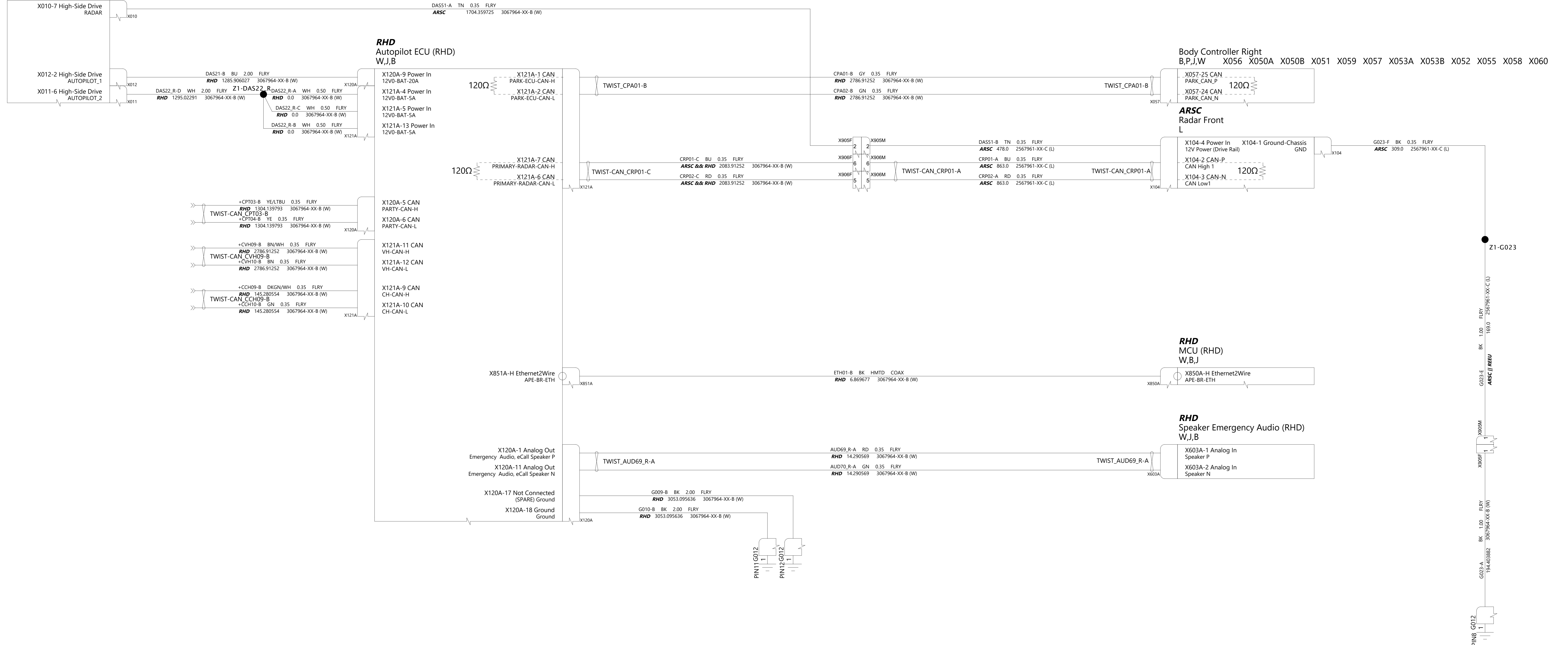
DRAWN	CHECKED	APPROVED
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MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
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PART NAME
Driver Assistance

PART NUMBER	REV	SHEET	SIZE
	1	19 OF 50	A0

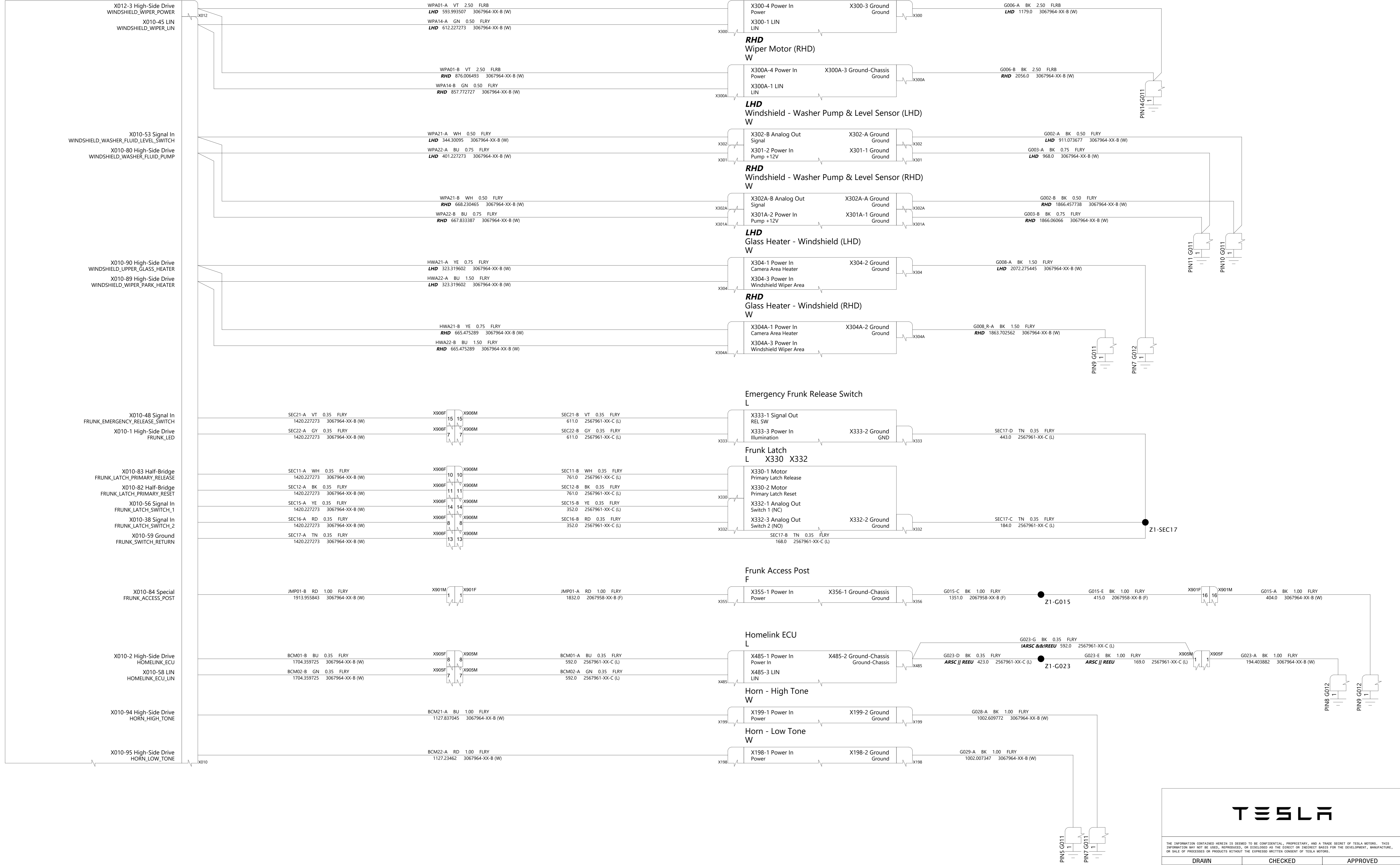
Body Controller Front
W,U X021 X012 X010 X011 X014



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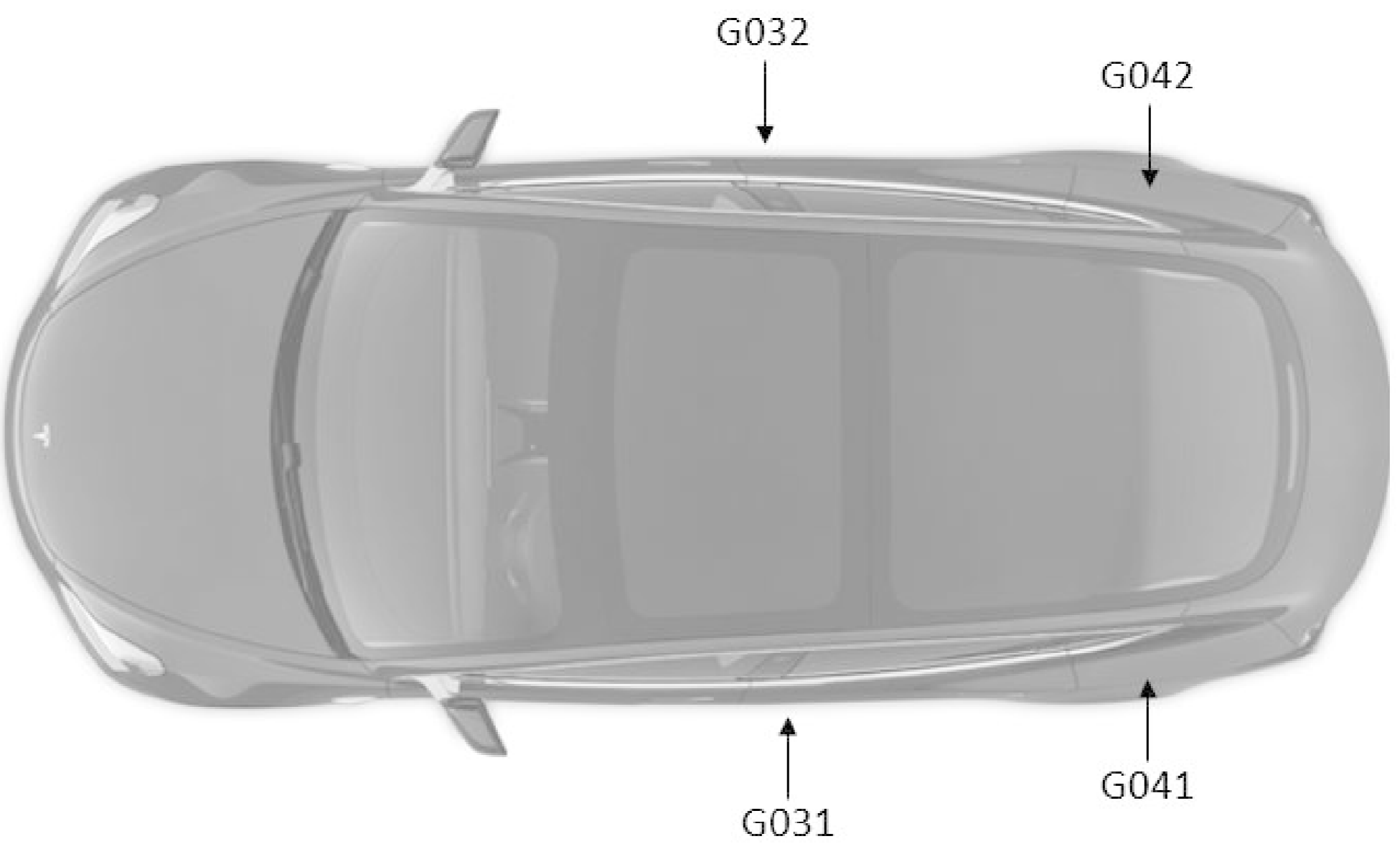
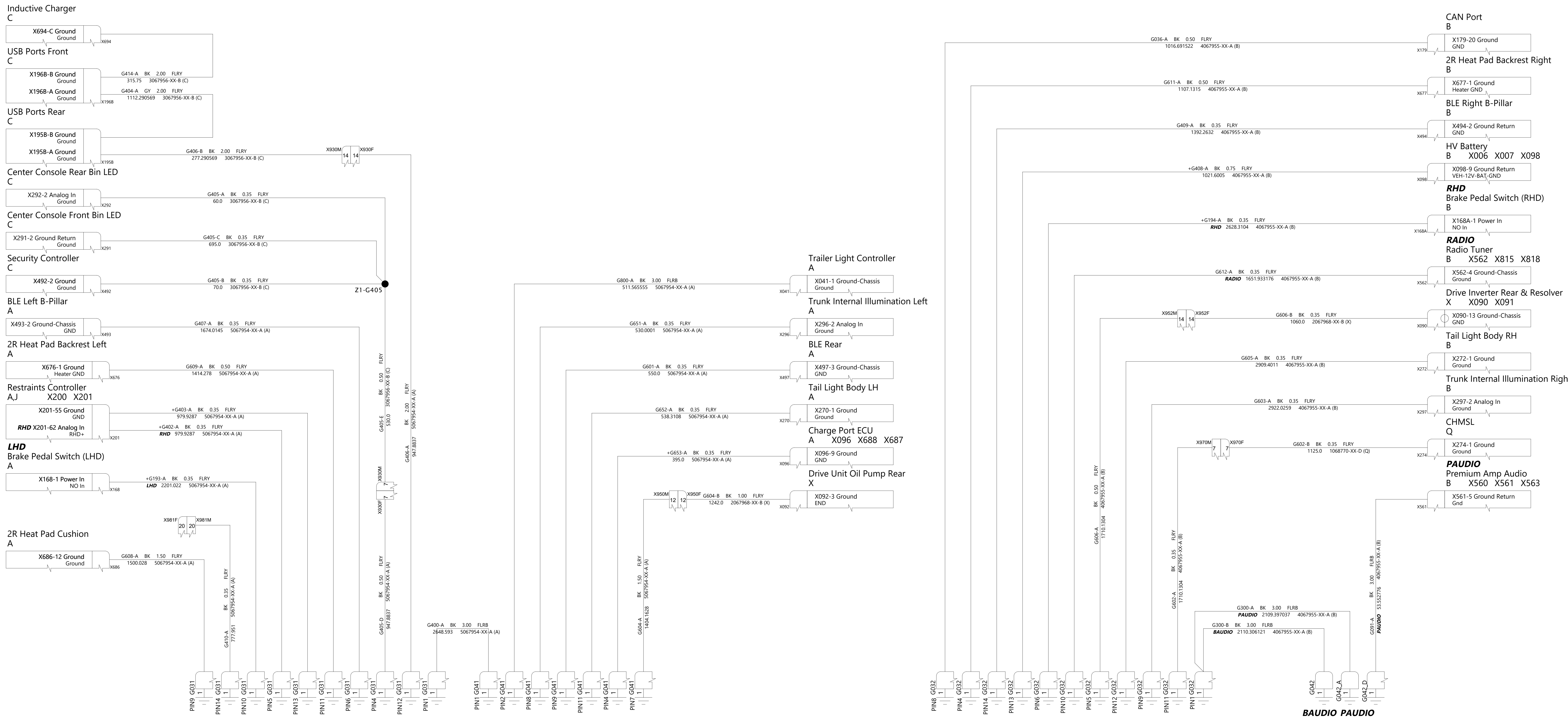
DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME Driver Assistance, RHD		
PART NUMBER	REV	SHEET
	1	20 of 50
		SIZE A0

Body Controller Front
W,U X021 X012 X011 X010 X015 X014

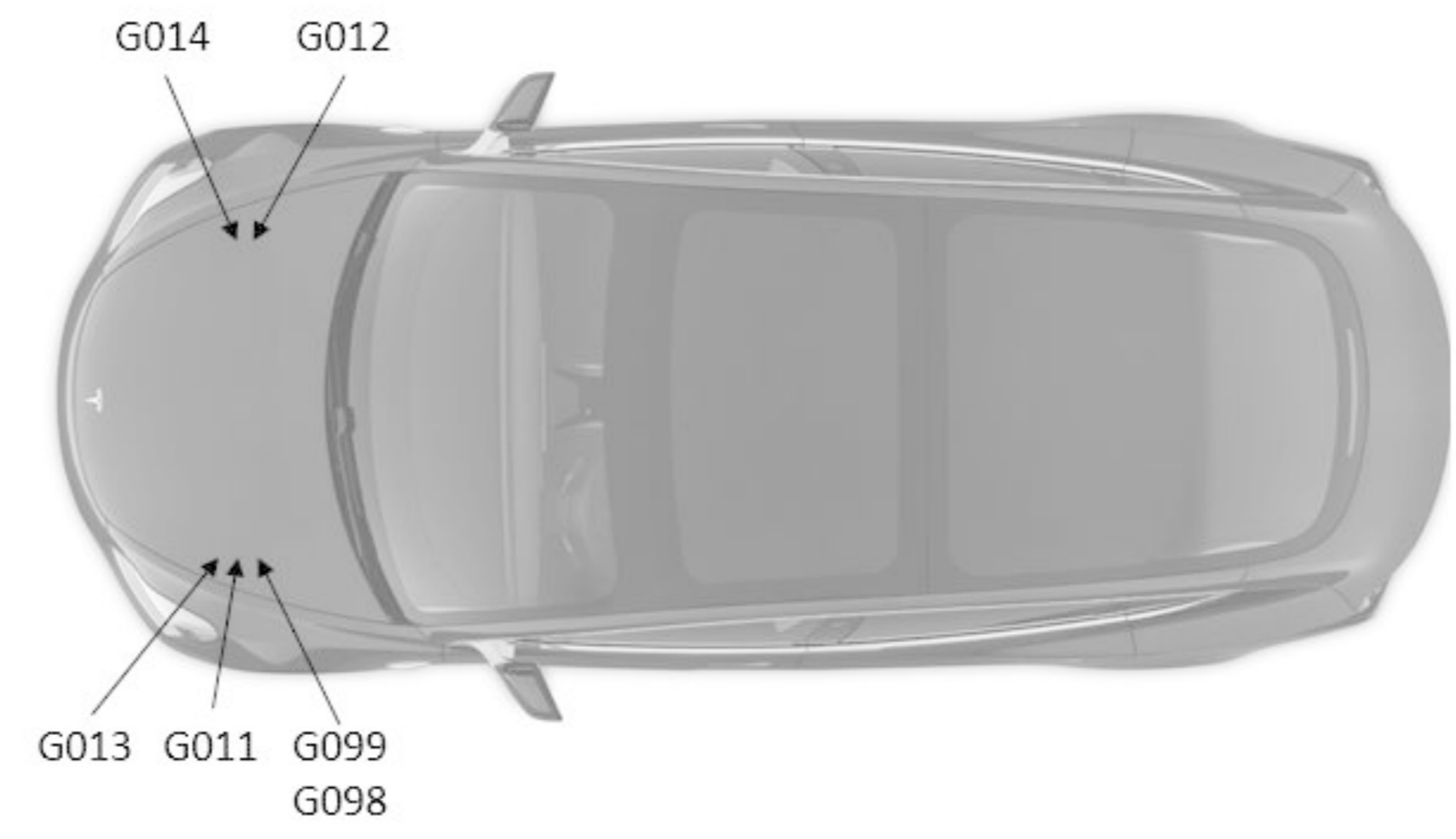
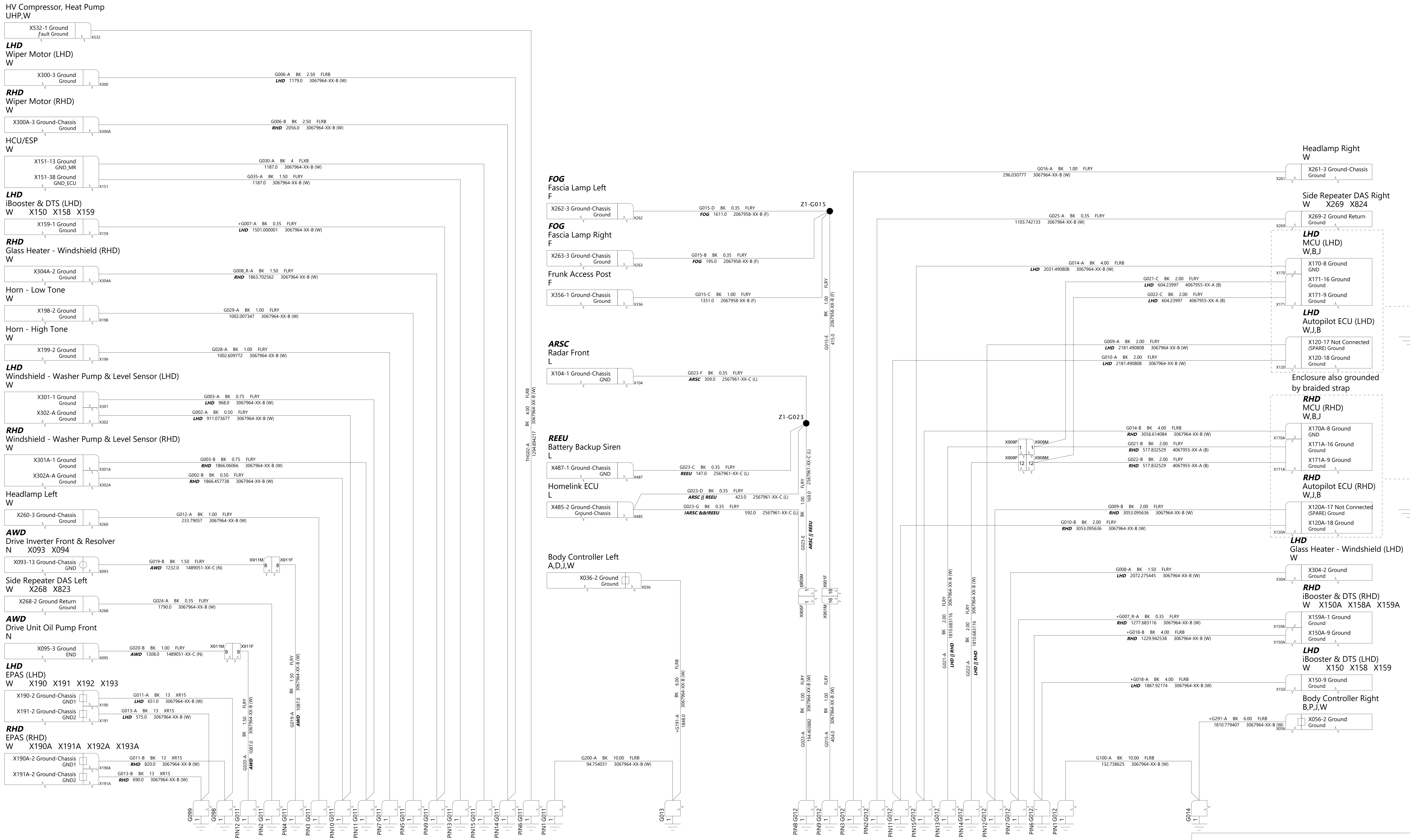


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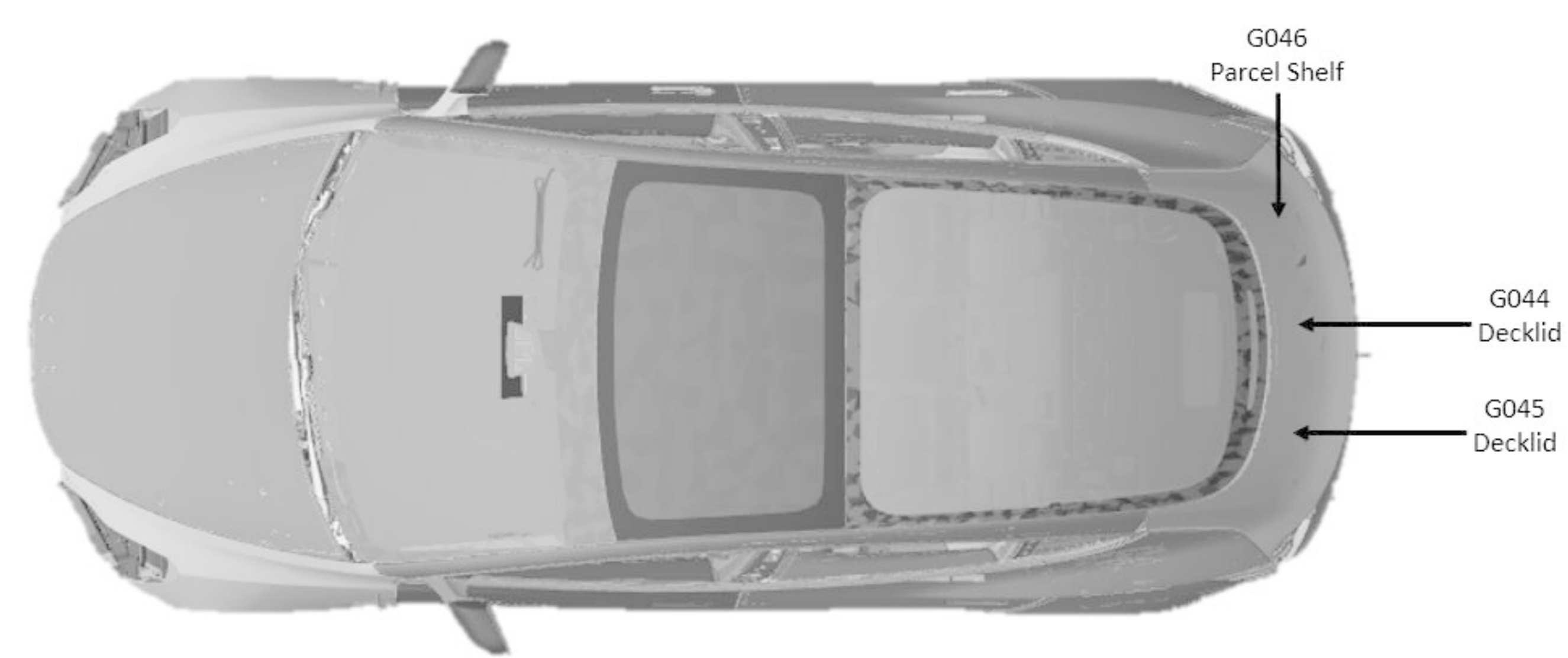
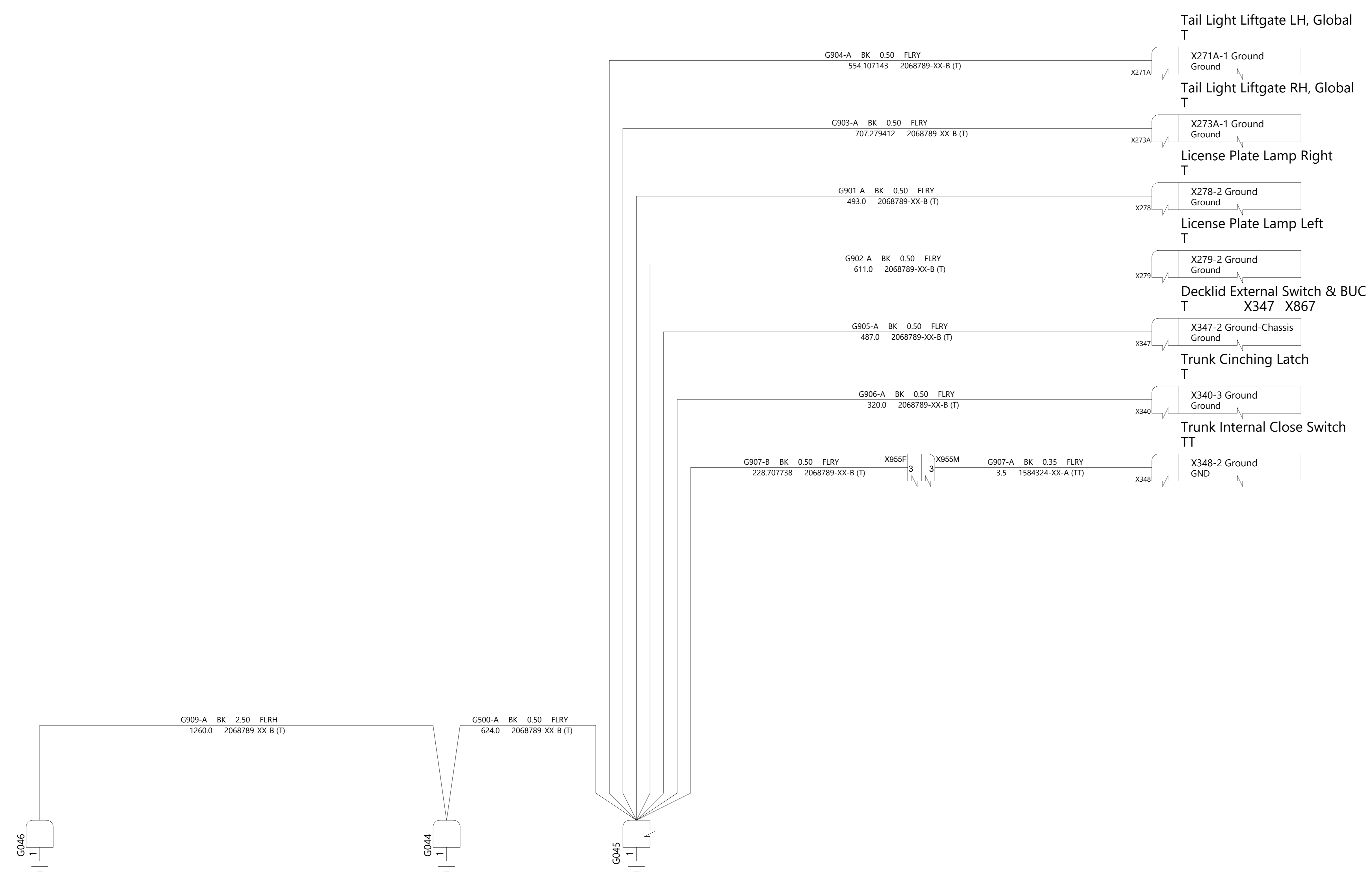
DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME Frunk Actuator/Sensors		
PART NUMBER	REV	SHEET
	1	21 of 50
		SIZE A0



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DRAWN	CHECKED	APPROVED	
MATERIAL AS SPECIFIED		FINISHING AS SPECIFIED	SCALE NONE
PART NAME Grounding - Cabin			
PART NUMBER	REV	SHEET	SIZE
	1	22 OF 50	A0

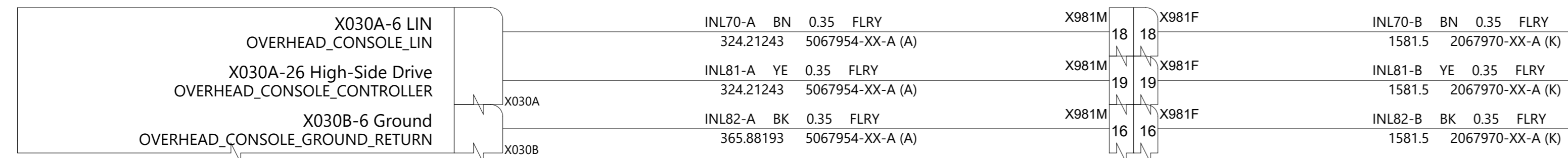


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DRAWN	CHECKED	APPROVED	
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE	
PART NAME Grounding - Frunk			
PART NUMBER	REV	SHEET	SIZE
	1	23 OF 50	A0

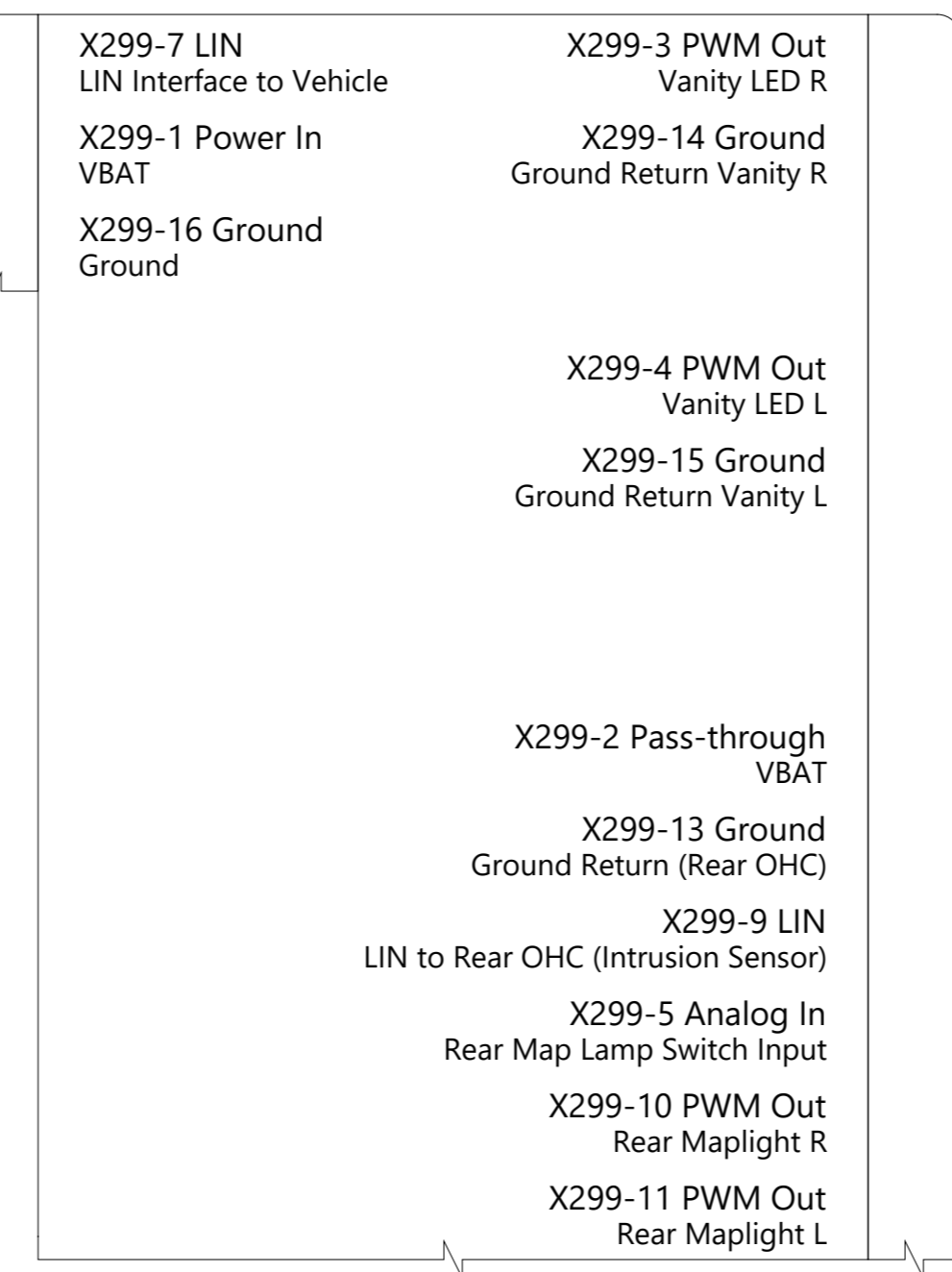


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DRAWN	CHECKED	APPROVED	
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE	
PART NAME Grounding - Trunk			
PART NUMBER	REV	SHEET	SIZE
	1	24 OF 50	A0

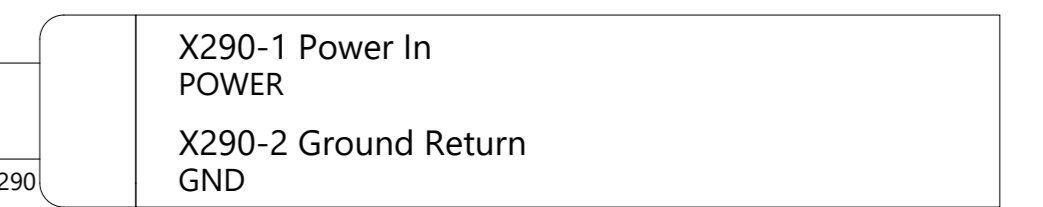
Body Controller Left
A,D,J,W X030A X030B X031 X039 X037 X033A X033B X032 X035 X038



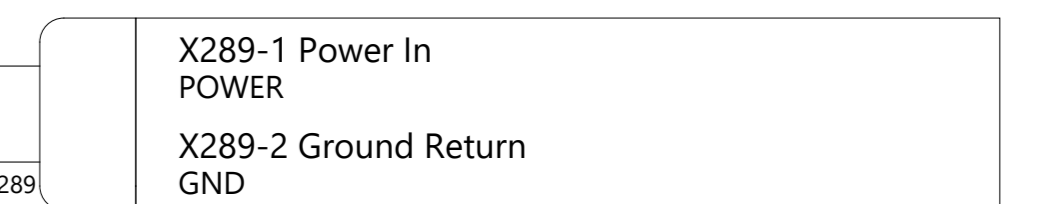
Overhead Console Front
K



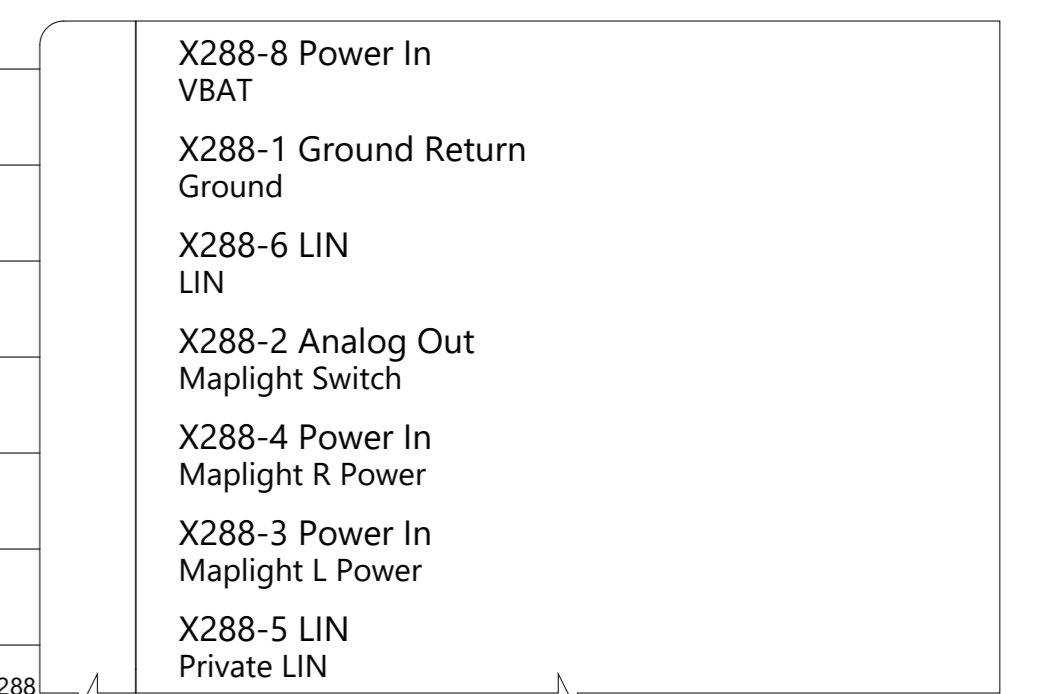
Vanity LED Right
K



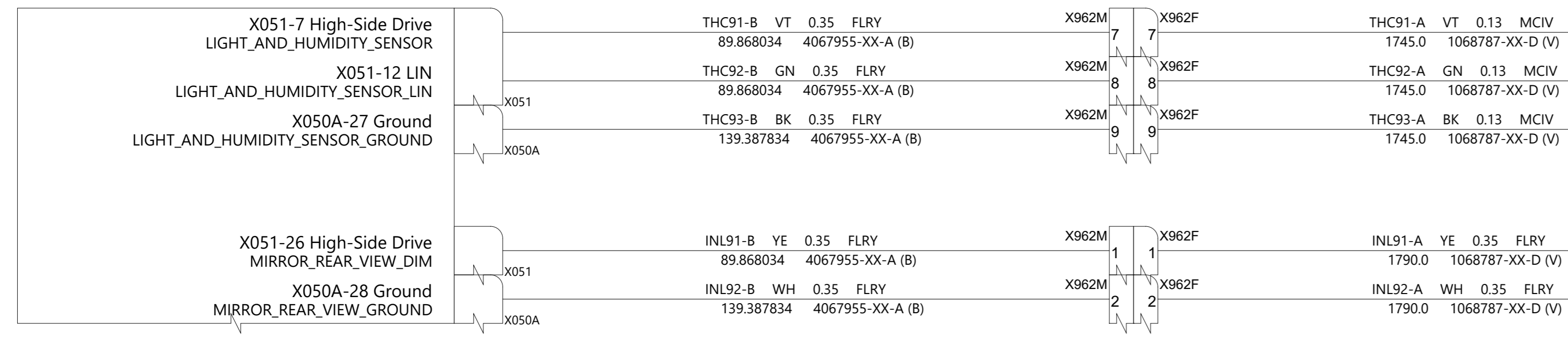
Vanity LED Left
K



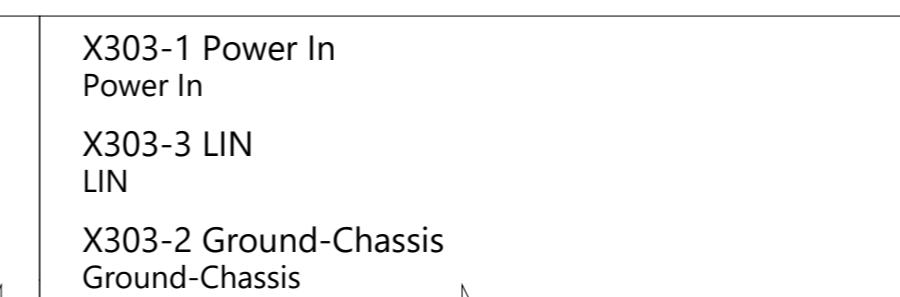
Overhead Console Rear
K



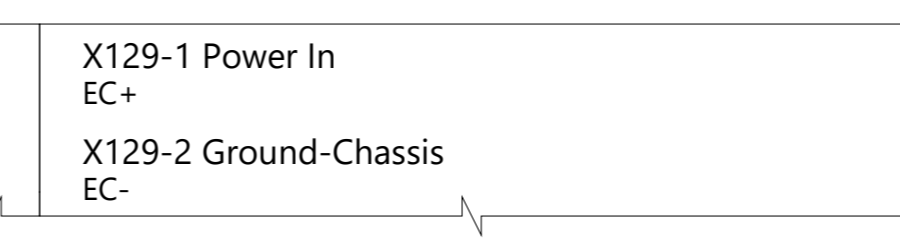
Body Controller Right
B,P,J,W X056 X050A X050B X051 X059 X057 X053A X053B X052 X055 X058 X060



Humidity and Glass Temp
V



Mirror - Rear View - Electrochromatic
V



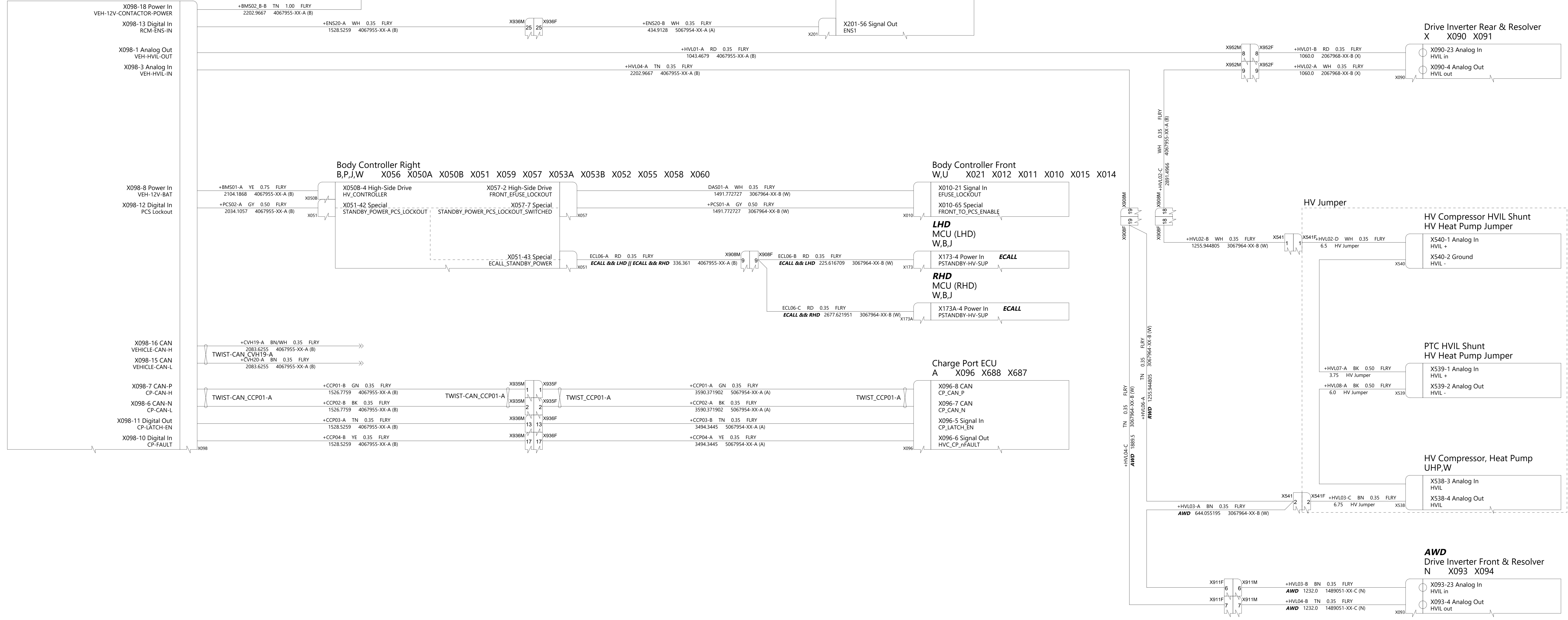
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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME Headliner		
PART NUMBER	REV 1	SHEET 25 of 50
		SIZE A0

Body Controller Left
A,D,J,W X030A X030B X031 X039 X037 X033A X033B X032 X035 X038

Body Controller Right
B,P,I,W X056 X050A X050B X051 X059 X057 X053A X053B X052 X055 X058 X060

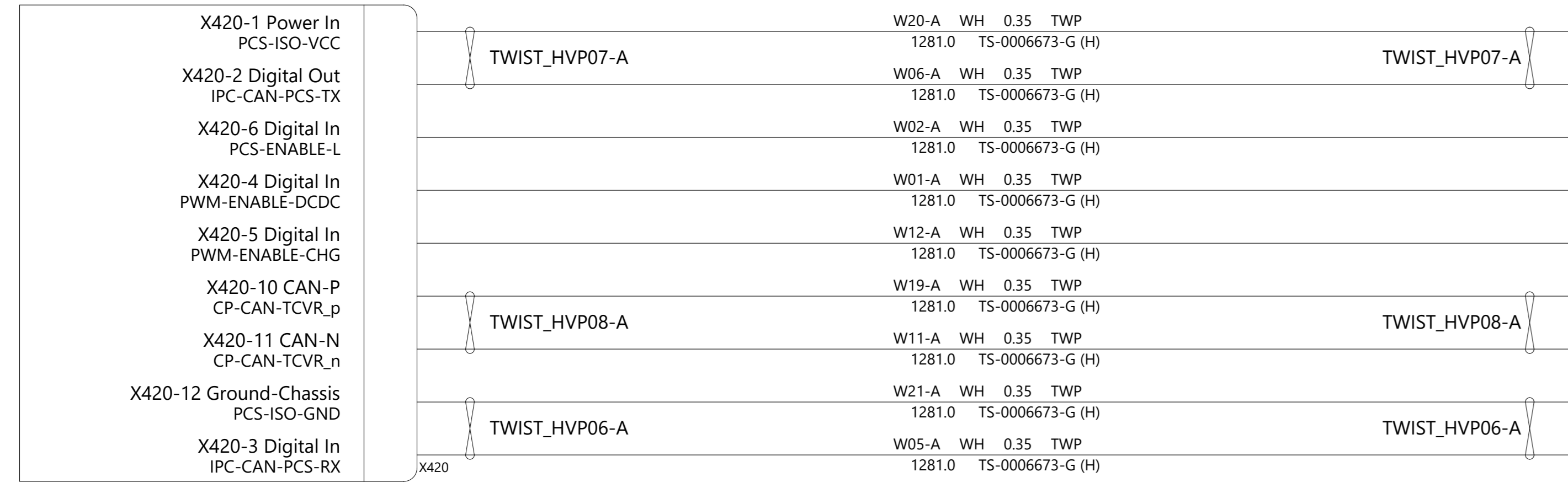
HV Battery
B X006 X007 X098



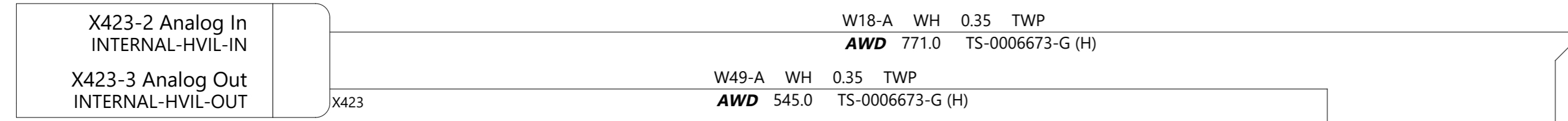
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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME HV Battery and HVIL		
PART NUMBER	REV	SHEET
	1	26 of 50
		A0

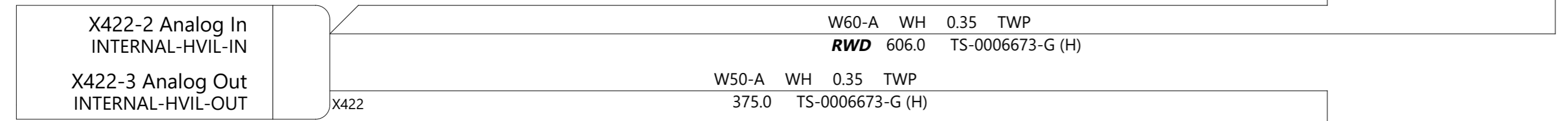
PCS
H



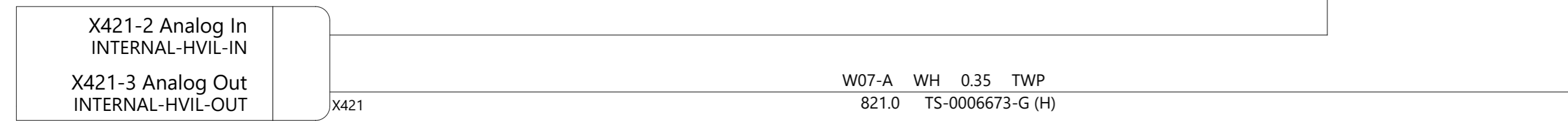
AWD
HV-FDU
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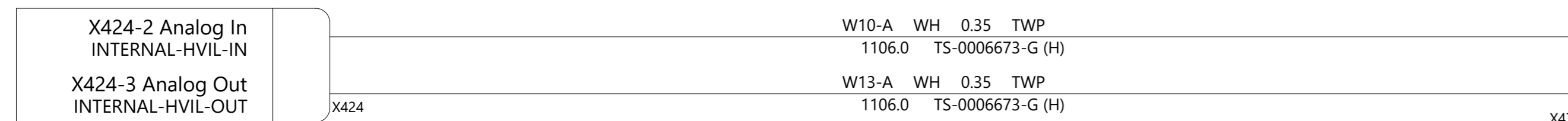
HV-RDU
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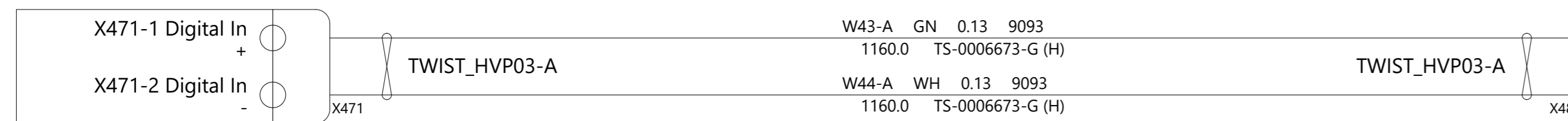
HV-ANCIL
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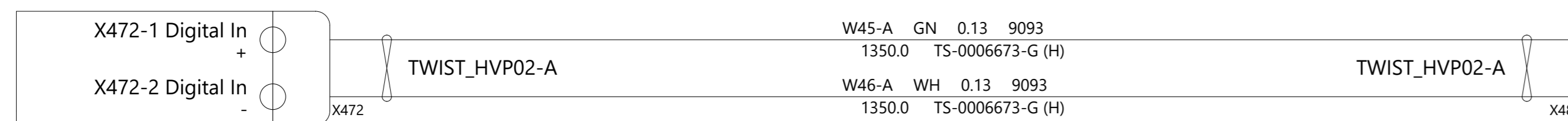
CHARGER-INLET
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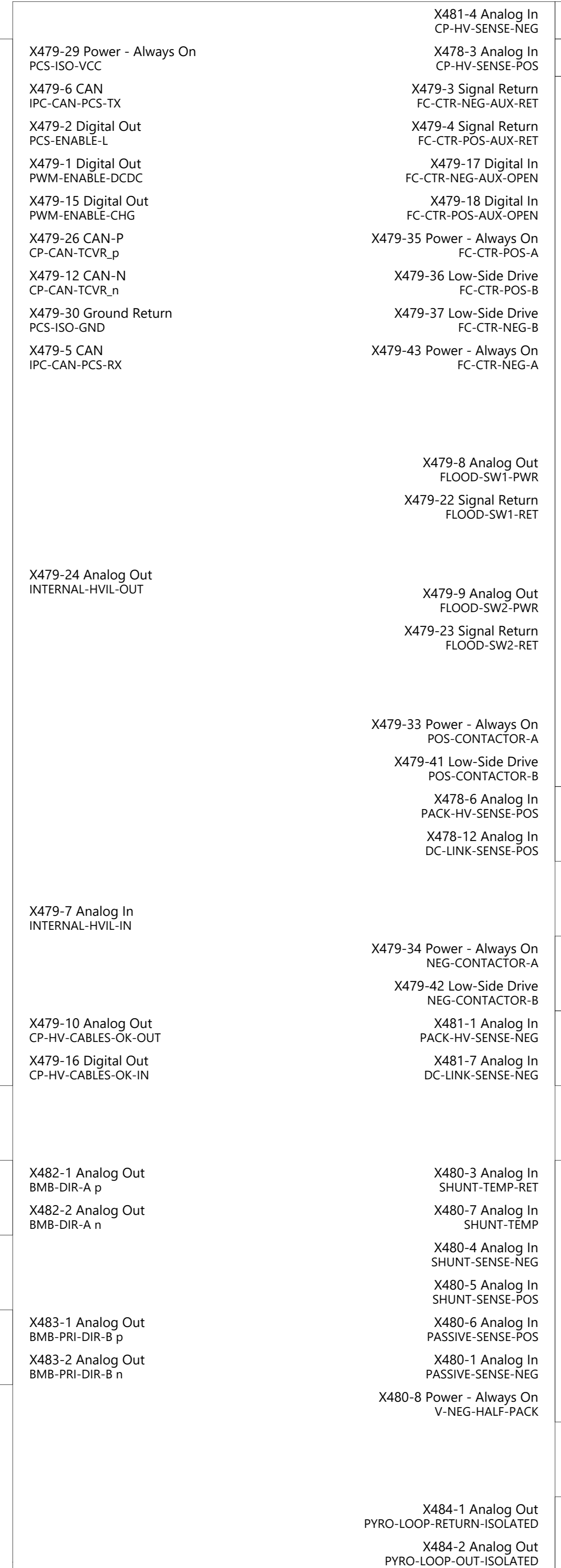
BMB-DAISY-A
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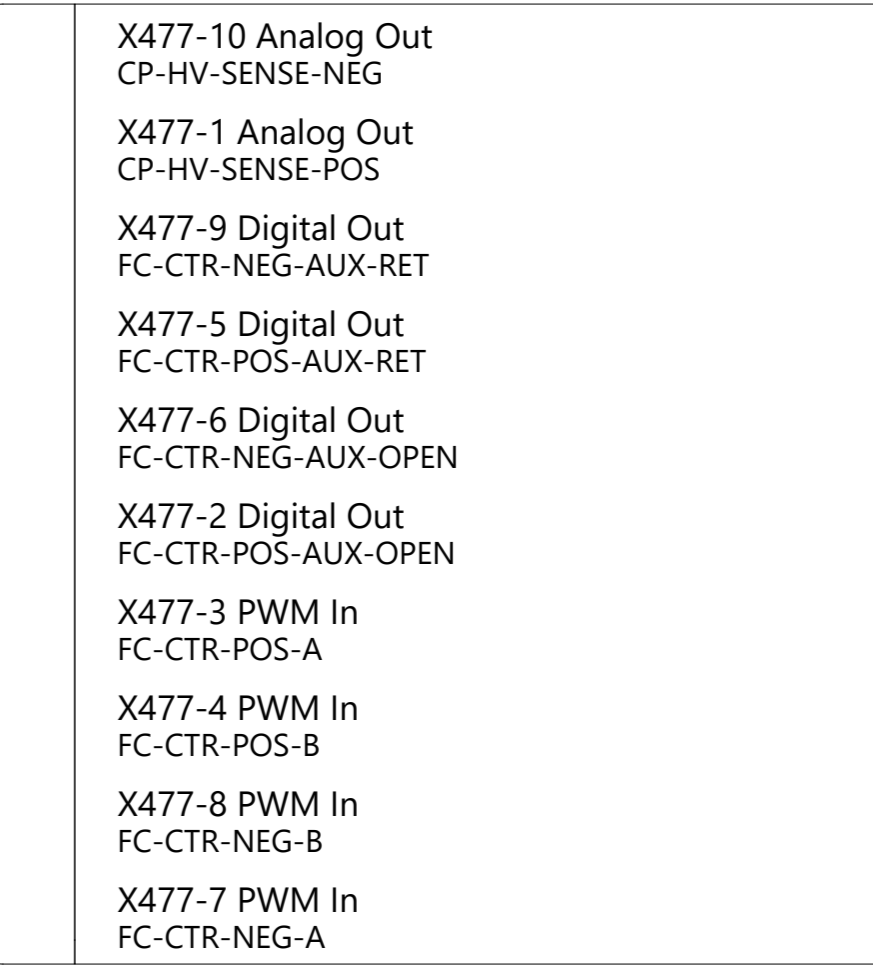
BMB-DAISY-B
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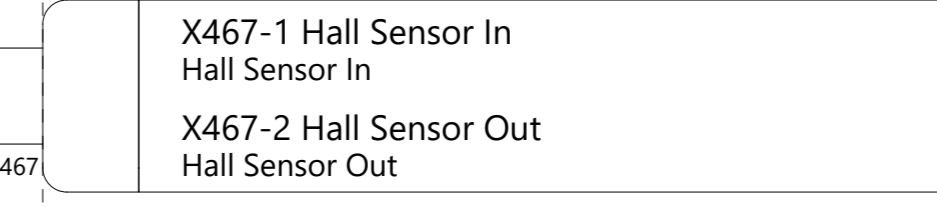
HV Controller
H X478 X479 X480 X481 X482 X483 X484



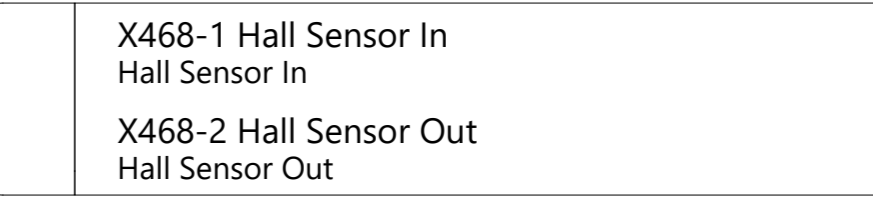
FAS-CHR-CONTACT-P1
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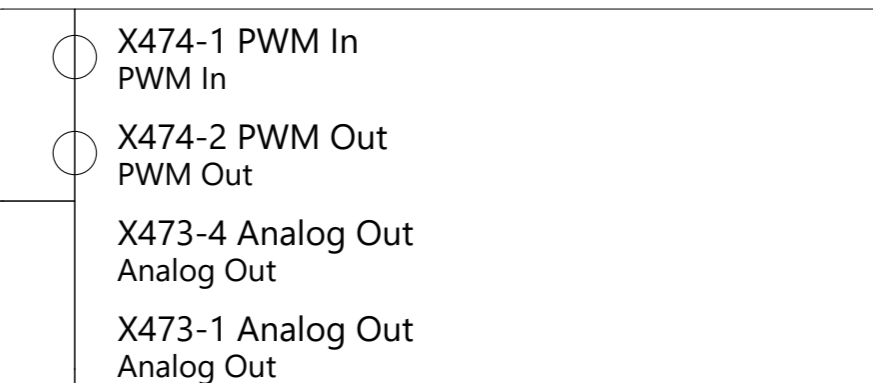
Flood sensors deleted on 173257-XX-A
COOLANT-V1
H



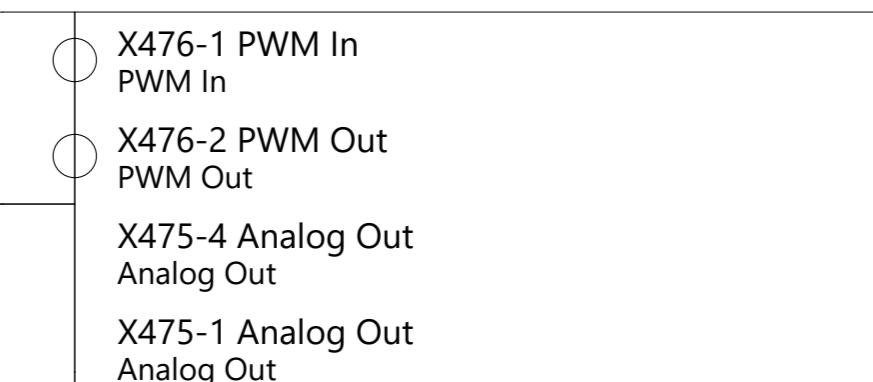
COOLANT-V2
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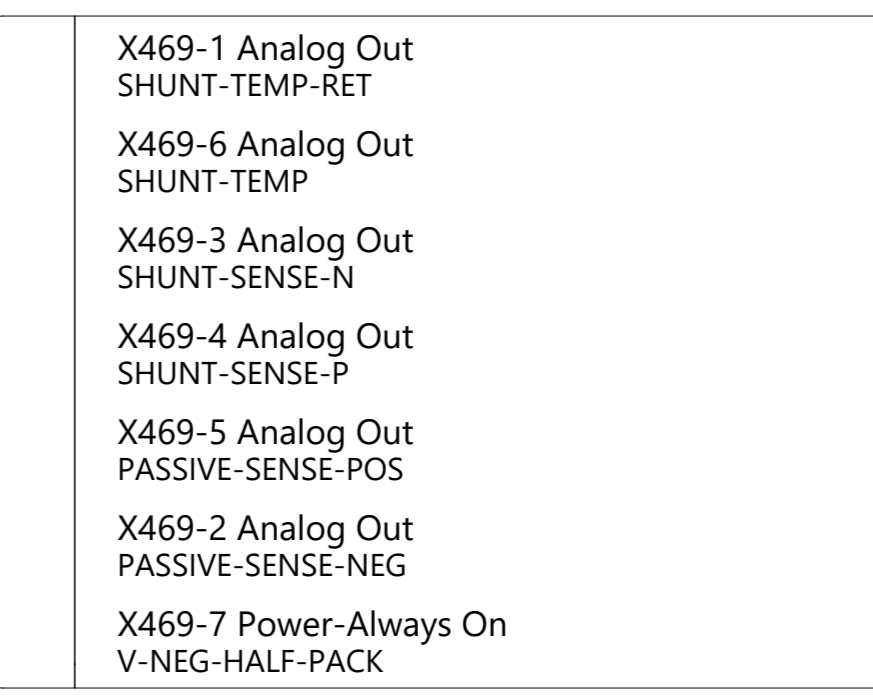
POS-SWITCH
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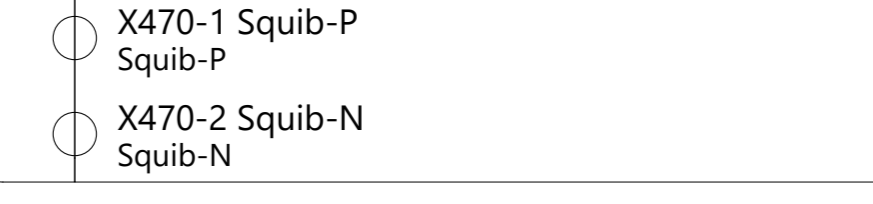
NEG-SWITCH
H



SHUNT-P1
H



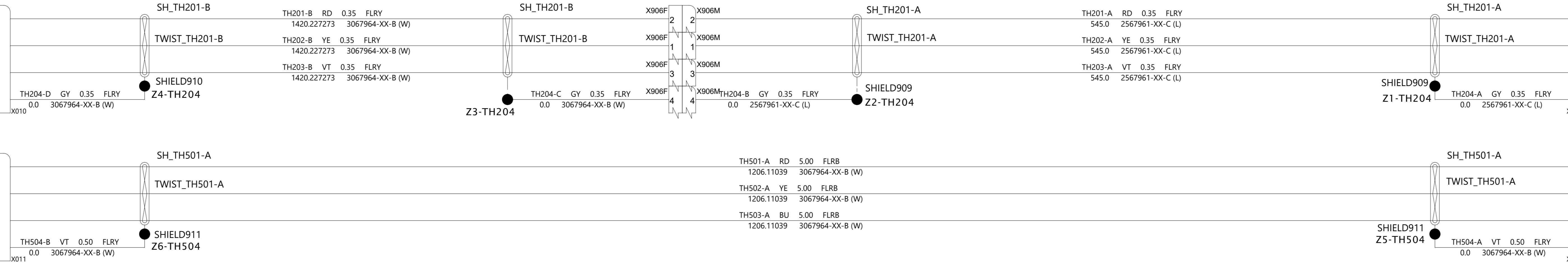
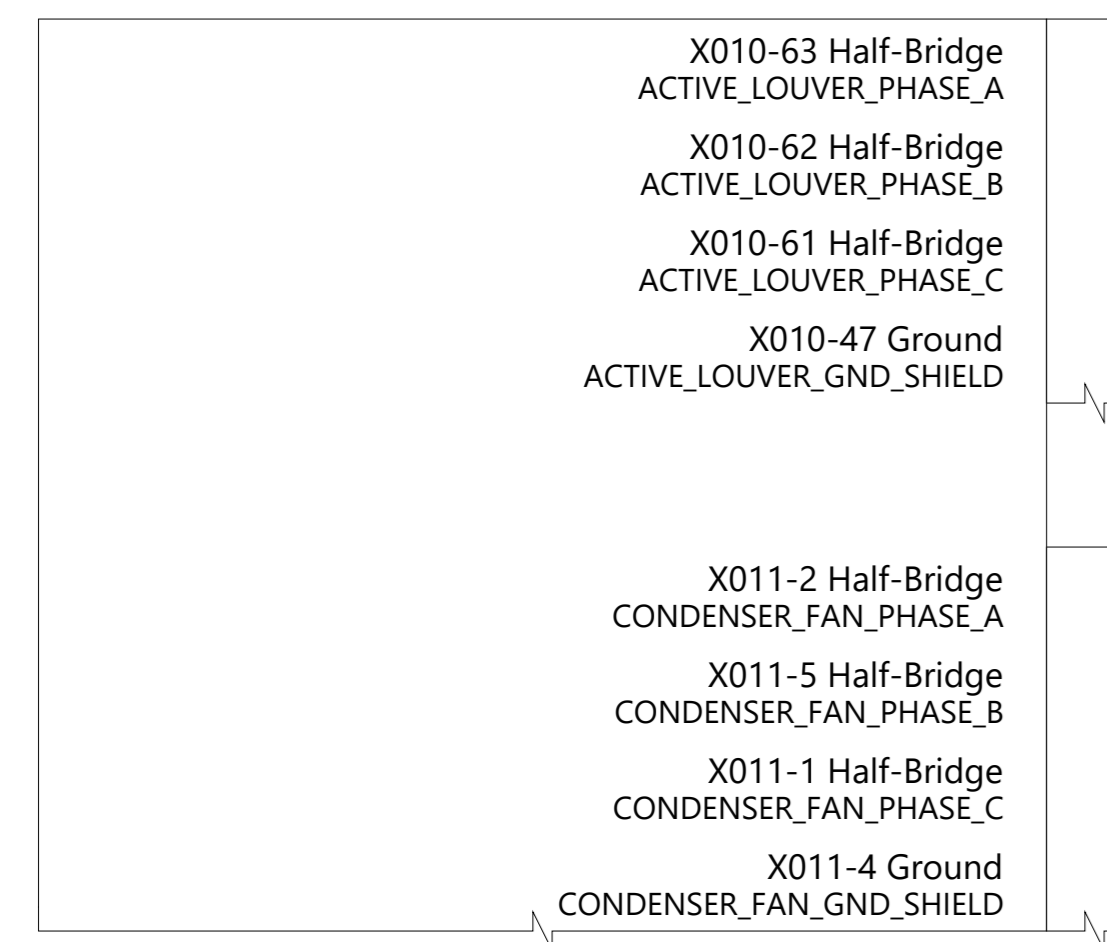
PYRO-DISC-P1
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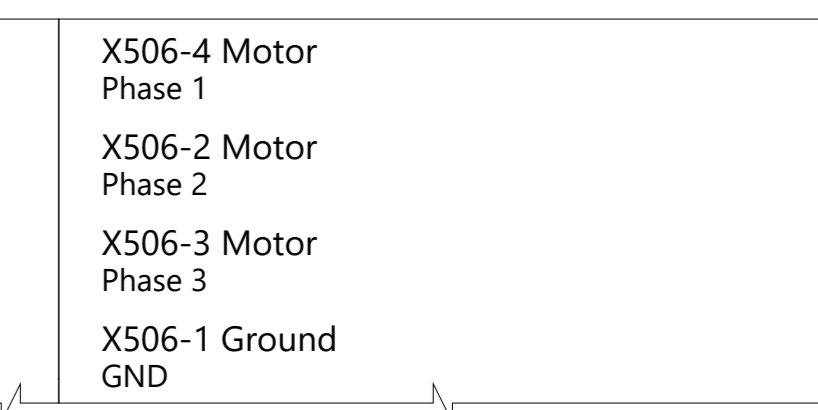
THE INFORMATION CONTAINED HEREIN IS DEEMED TO BE CONFIDENTIAL, PROPRIETARY, AND A TRADE SECRET OF TESLA MOTORS. THIS INFORMATION MAY NOT BE USED, REPRODUCED, OR DISCLOSED AS THE DIRECT OR INDIRECT BASIS FOR THE DEVELOPMENT, MANUFACTURE, OR SALE OF PROCESSES OR PRODUCTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF TESLA MOTORS.

DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME HV Penthouse		
PART NUMBER	REV	SHEET
	1	27 OF 50
		SCALE A0

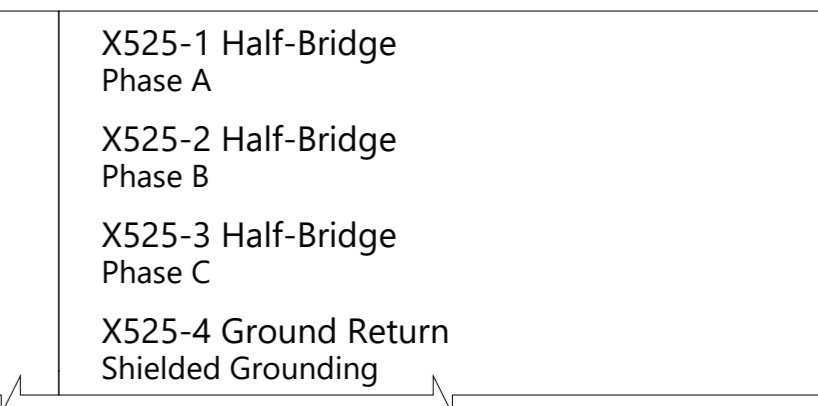
Body Controller Front
W,U X021 X012 X011 X010 X015 X014



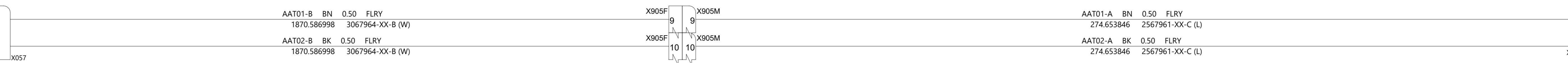
Active Louver L



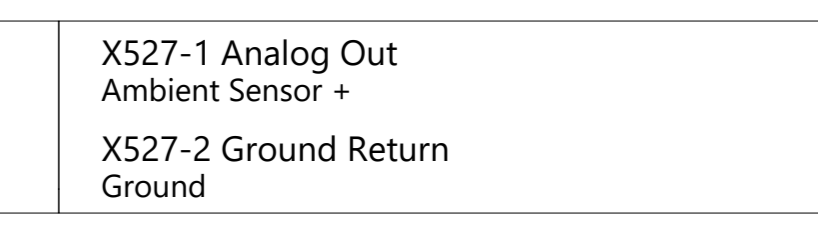
Condenser Fan W



Body Controller Right
B,P,J,W X056 X050A X050B X051 X059 X057 X053A X053B X052 X055 X058 X060



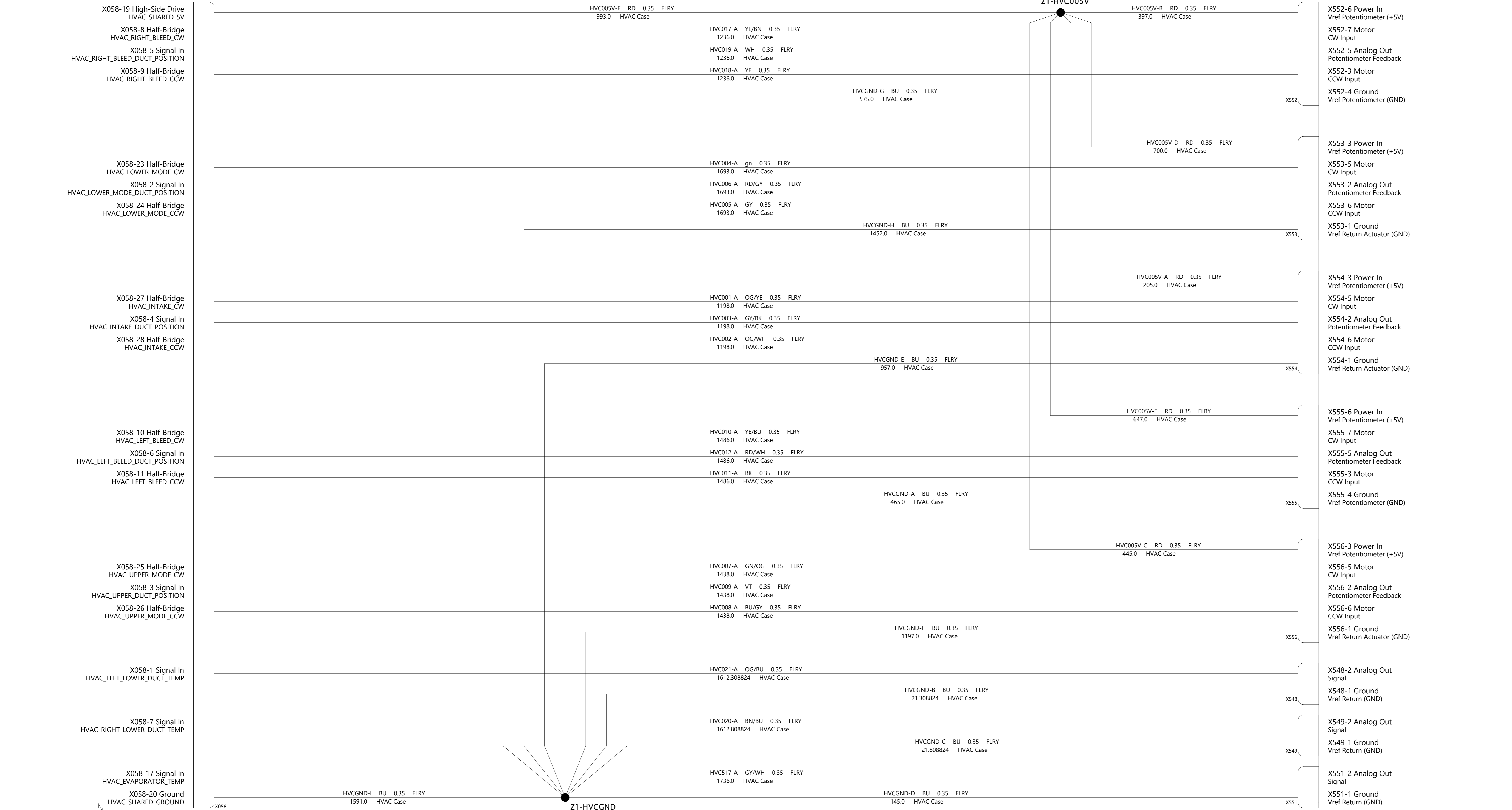
Ambient Air Temp L



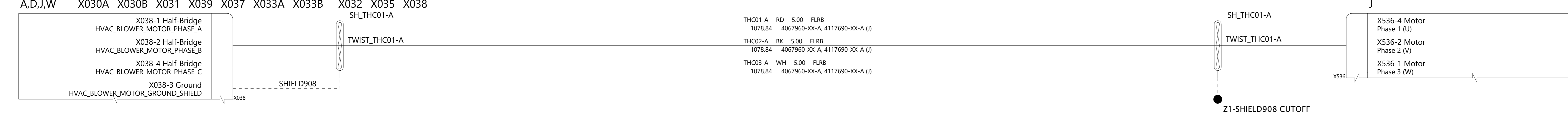
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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME HVAC - Powertrain		
PART NUMBER	REV 1	SHEET 28 OF 50
		SIZE A0

Body Controller Right
B,P,J,W X056 X050A X050B X051 X059 X057 X053A X053B X052 X055 X058 X060

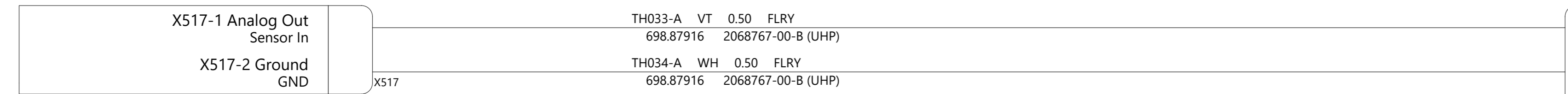


Body Controller Left
A,D,J,W X030A X030B X031 X039 X037 X033A X033B X032 X035 X038

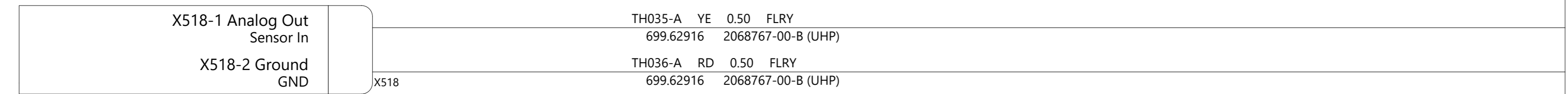


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DRAWN	CHECKED	APPROVED	
MATERIAL AS SPECIFIED		FINISHING AS SPECIFIED	SCALE NONE
PART NAME HVAC Case			
PART NUMBER	REV	SHEET	SIZE
	1	29 of 50	A0

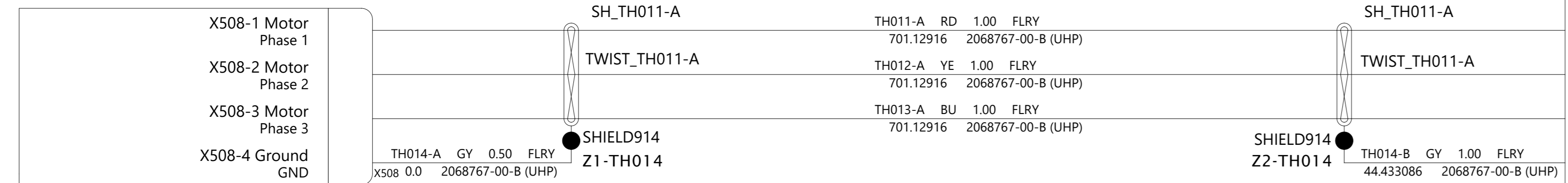
Coolant Temp Sensor - Battery UHP



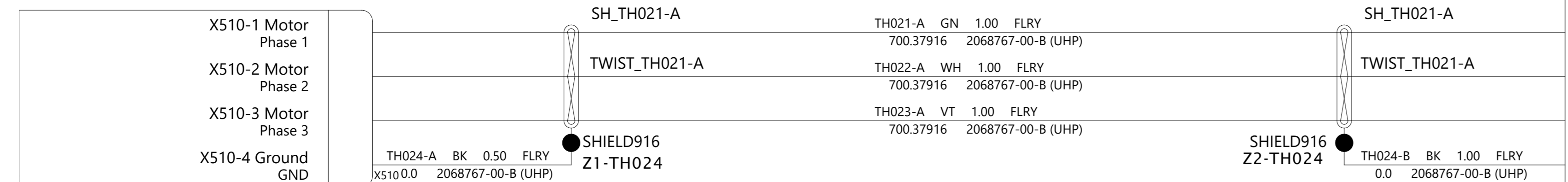
Coolant Temp Sensor - Powertrain UHP



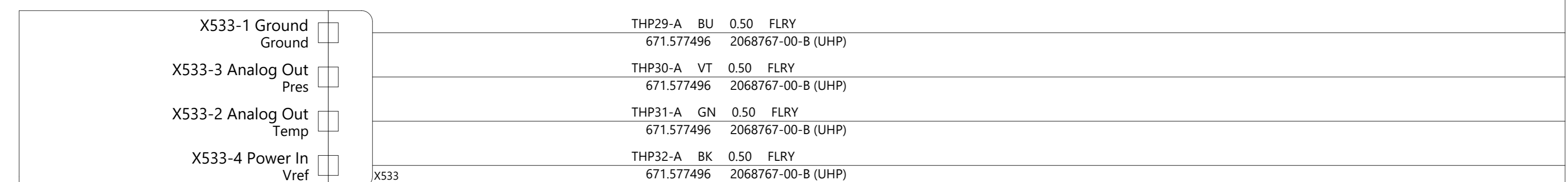
Battery Coolant Pump UHP



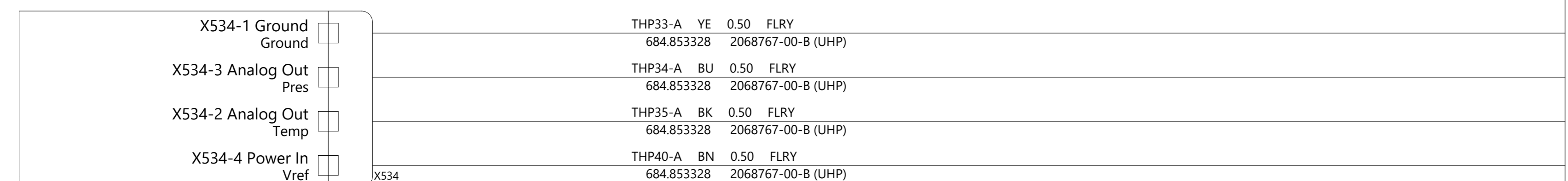
Powertrain Coolant Pump UHP



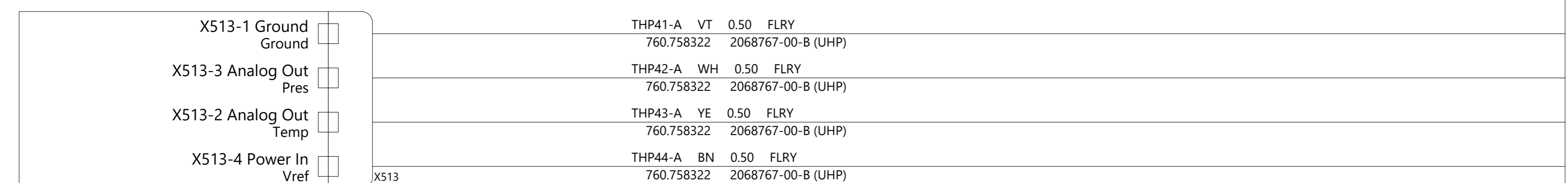
Refrigerant Temp and Pressure Sensor, Suction UHP



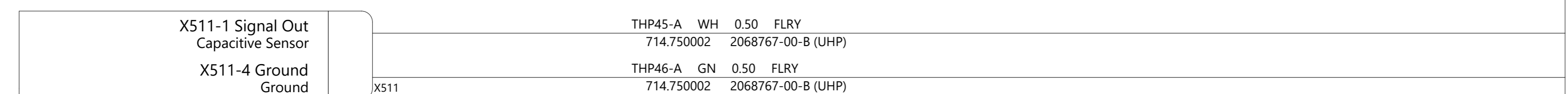
Refrigerant Temperature and Pressure Sensor - Discharge UHP



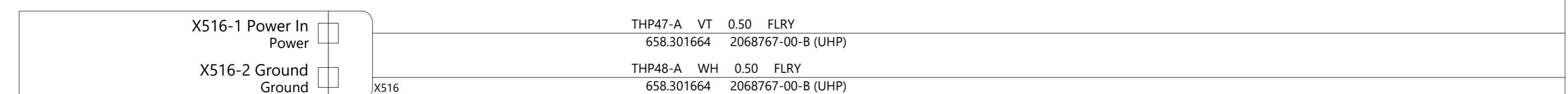
Refrigerant Temperature and Pressure Sensor - Subcool UHP



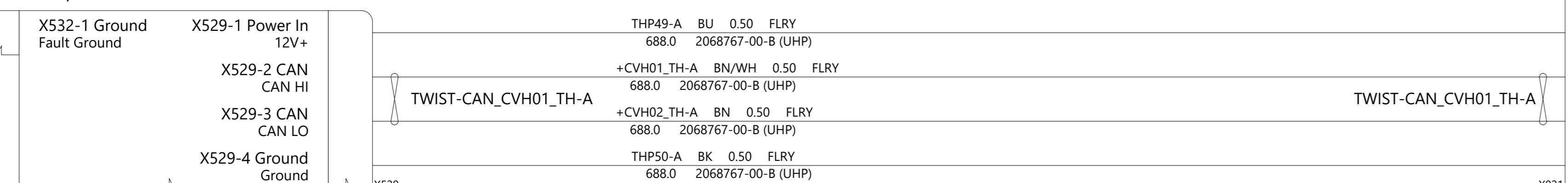
Coolant Level Sensor, Heat Pump UHP



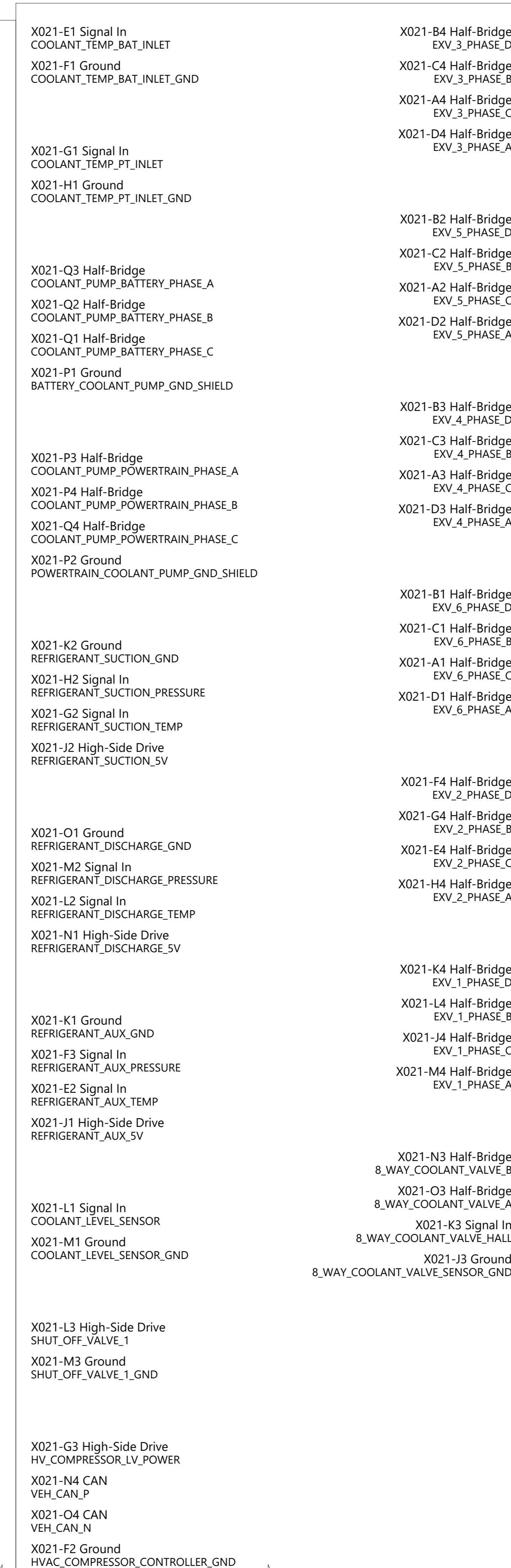
Refrigerant Evap SOV UHP



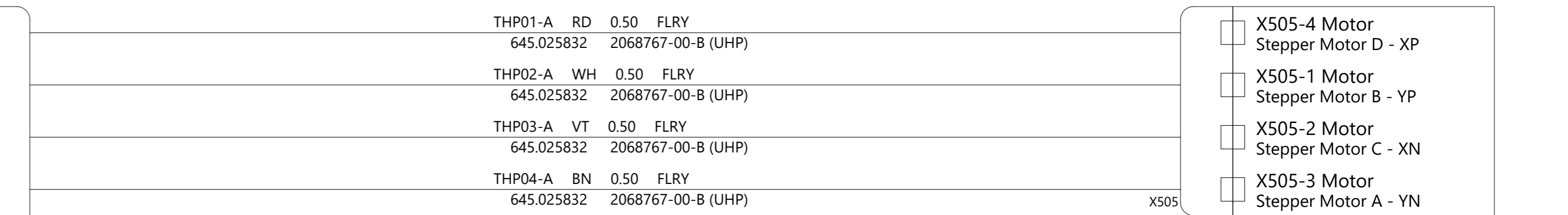
HV Compressor, Heat Pump UHP,W



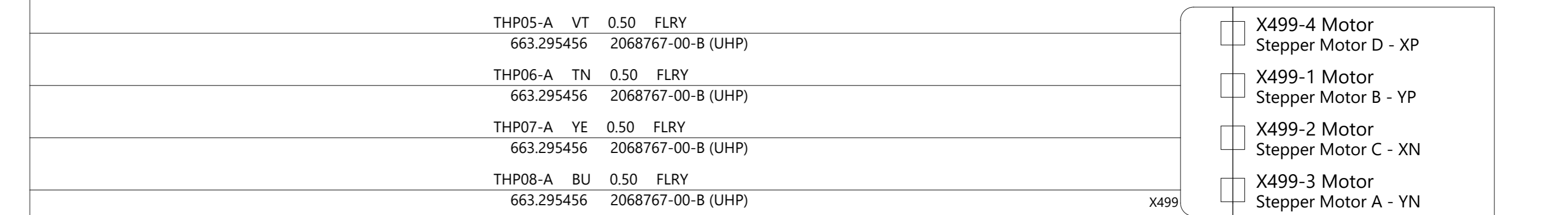
Body Controller Front W,U X021 X012 X011 X010 X015 X014



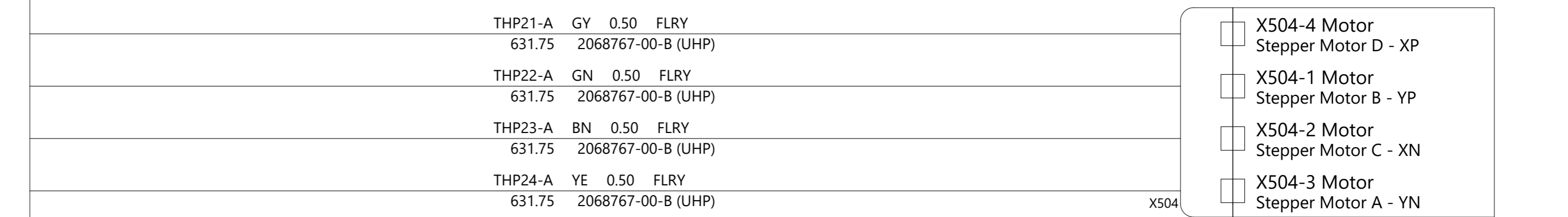
EXV, Recirc UHP



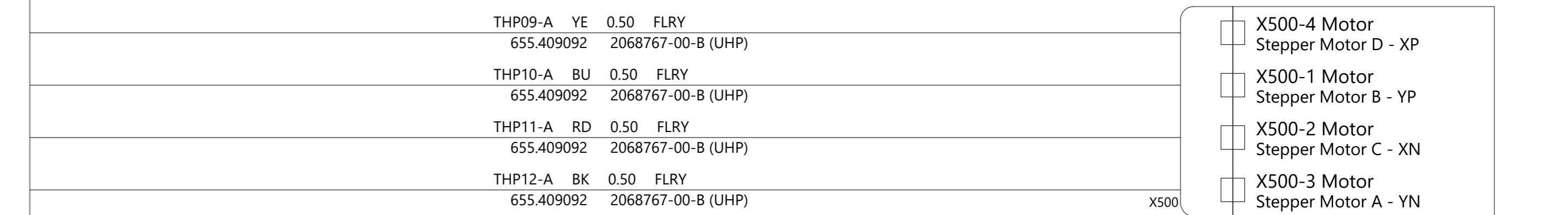
EXV, Cabin Condenser Left UHP



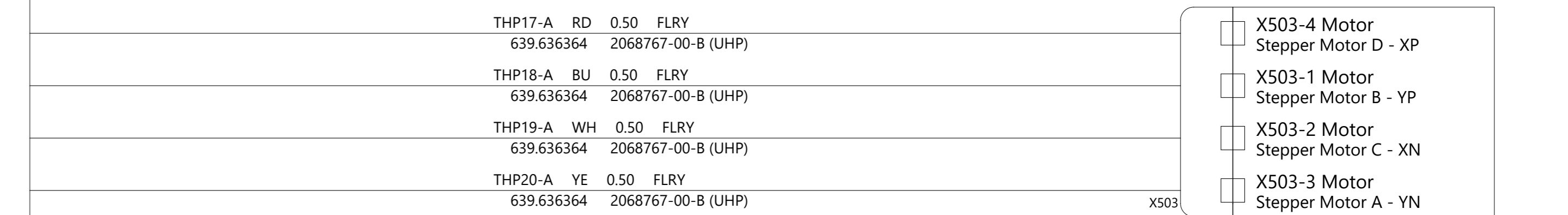
EXV, Liquid Cooled Condenser UHP



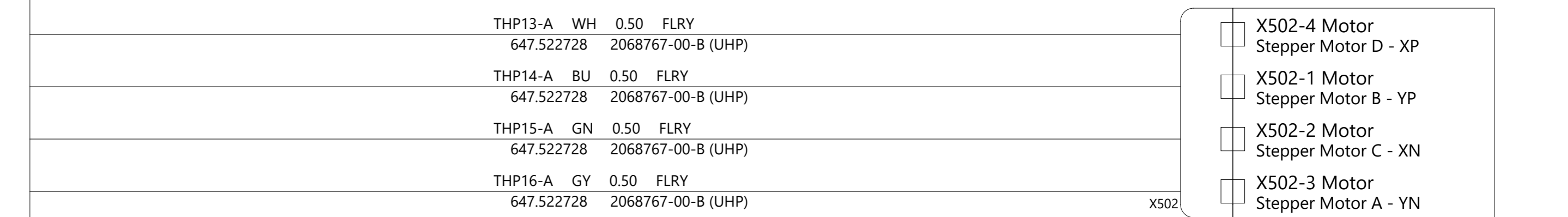
EXV, Cabin Condenser Right UHP



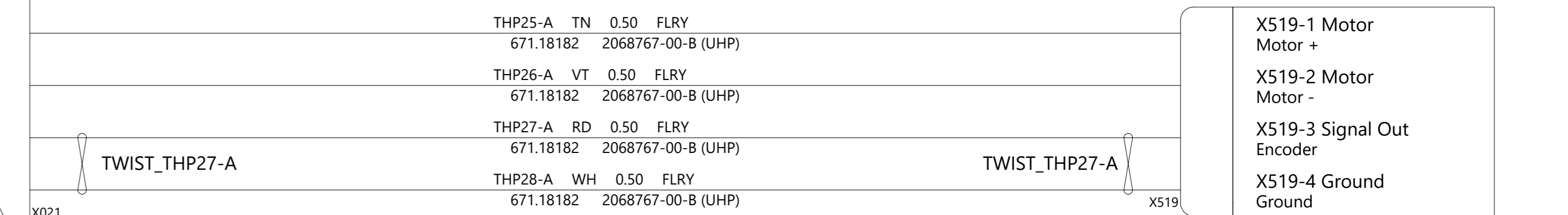
EXV, Evaporator UHP



EXV, Chiller UHP



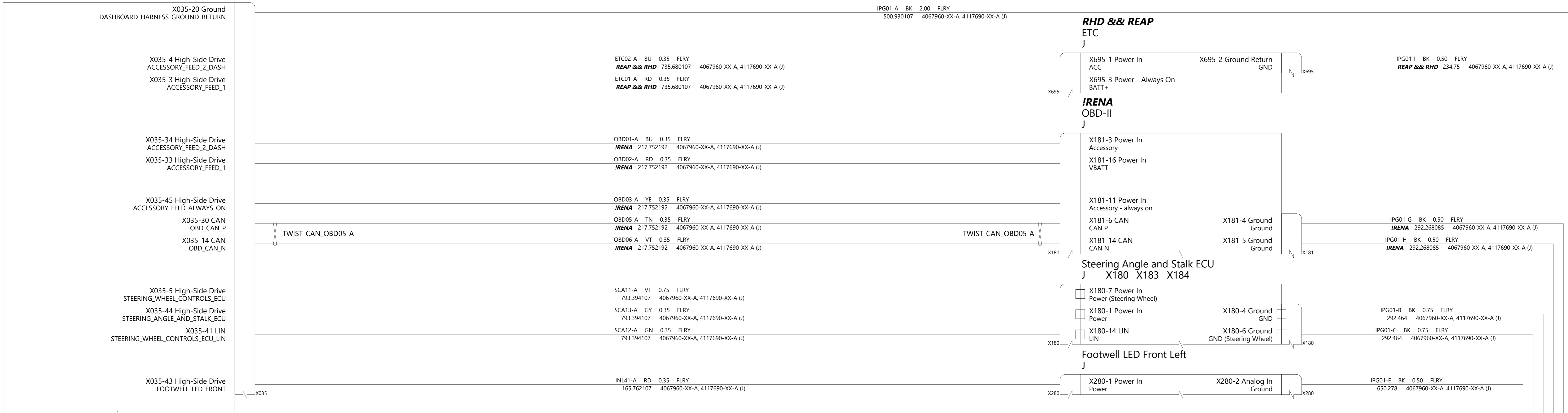
8 Way Coolant Valve UHP



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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME HVAC Heat Pump		
PART NUMBER	REV	SHEET
	1	30 OF 50
		SIZE A0

Body Controller Left
A,D,J,W X030A X030B X031 X039 X037 X033A X033B X032 X035 X038



Body Controller Right
B,P,J,W X056 X050A X050B X051 X059 X057 X053A X053B X052 X055 X058 X060

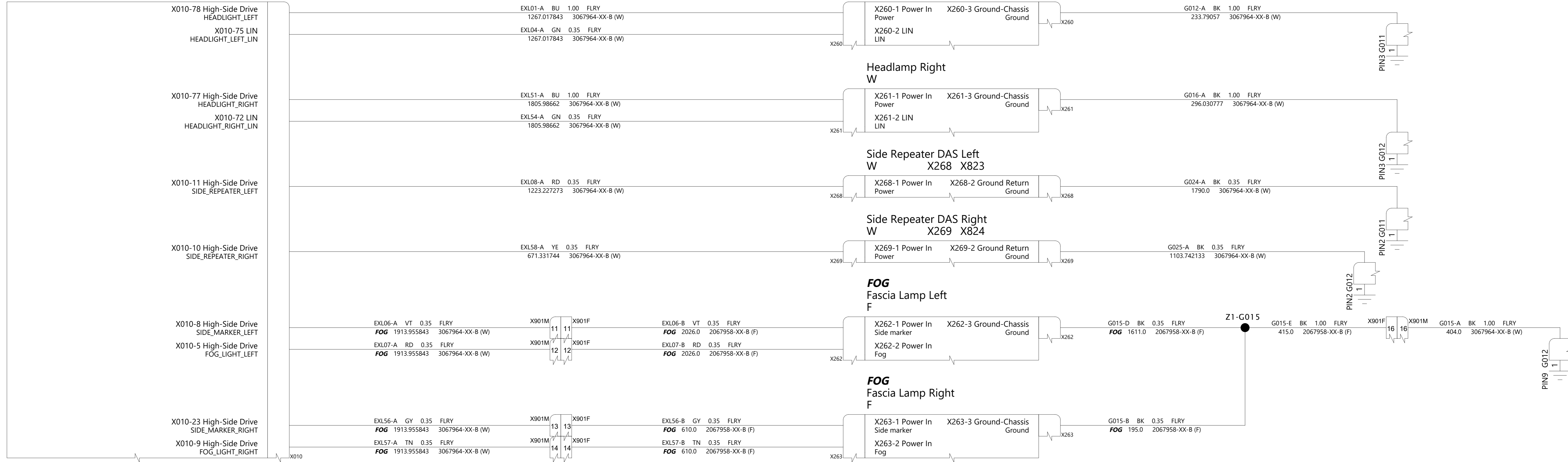


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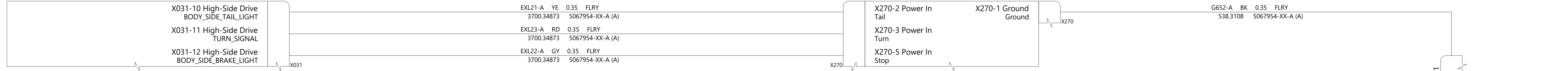
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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME Instrument Panel		
PART NUMBER	REV	SHEET
	1	31 OF 50
		A0

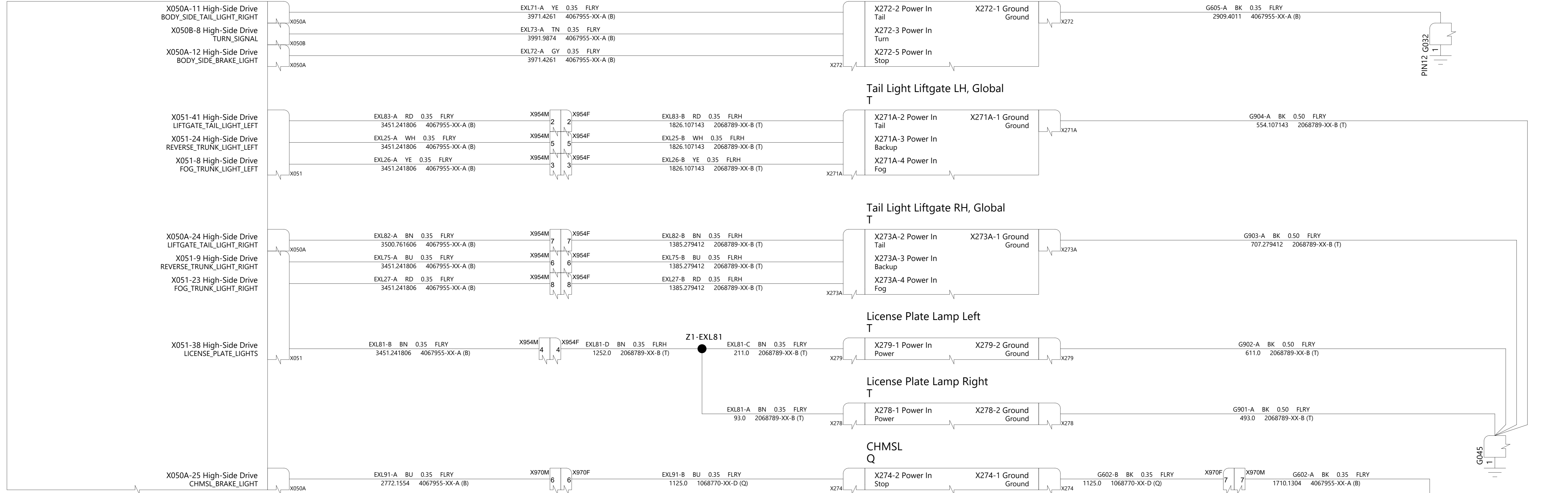
Body Controller Front
W,U X021 X012 X011 X010 X015 X014



Body Controller Left
A,D,J,W X030A X030B X031 X039 X037 X033A X033B X032 X035 X038



Body Controller Right
B,P,J,W X056 X050A X050B X051 X059 X057 X053A X053B X052 X055 X058 X060



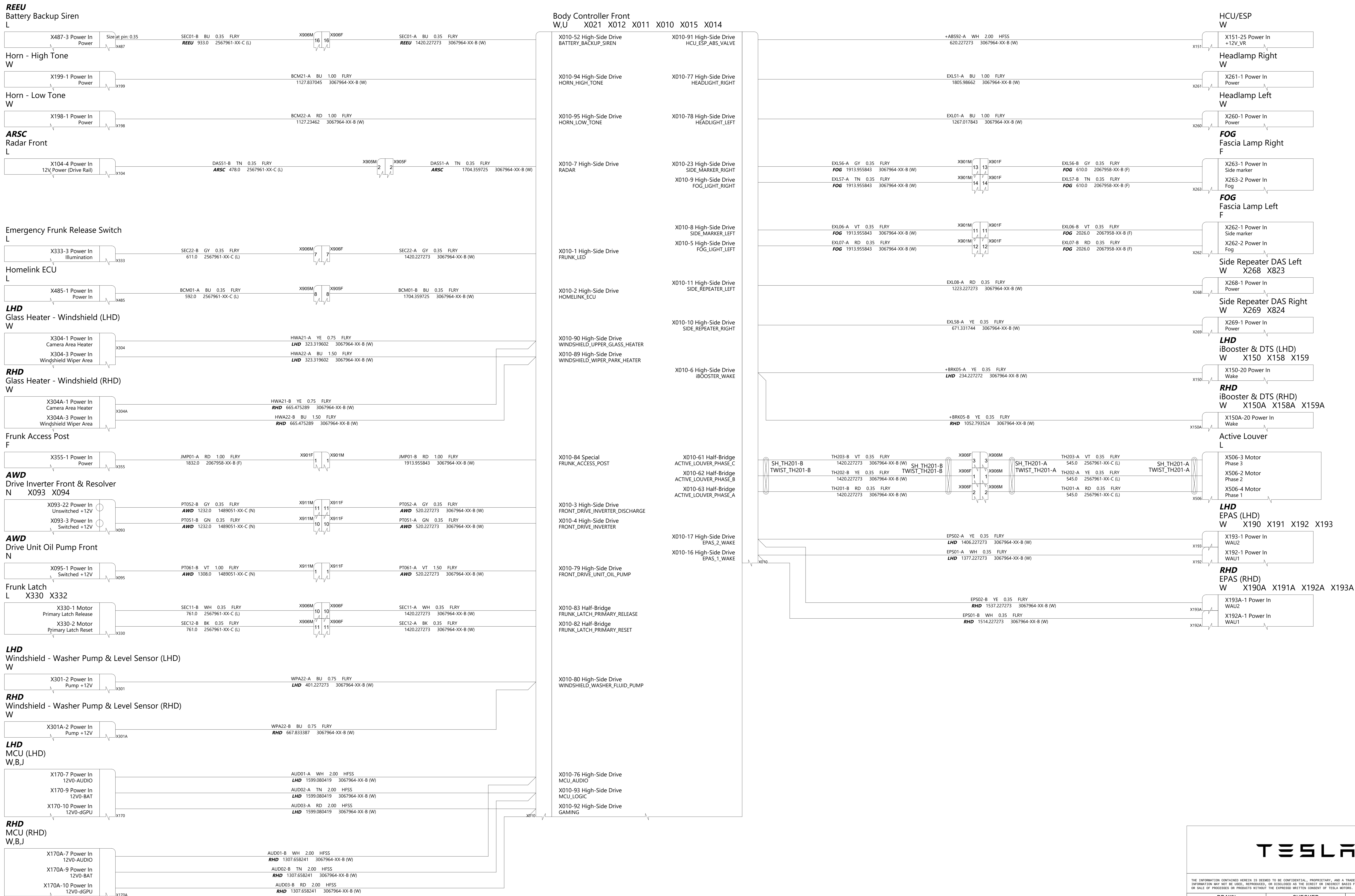
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DRAWN	CHECKED	APPROVED
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MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
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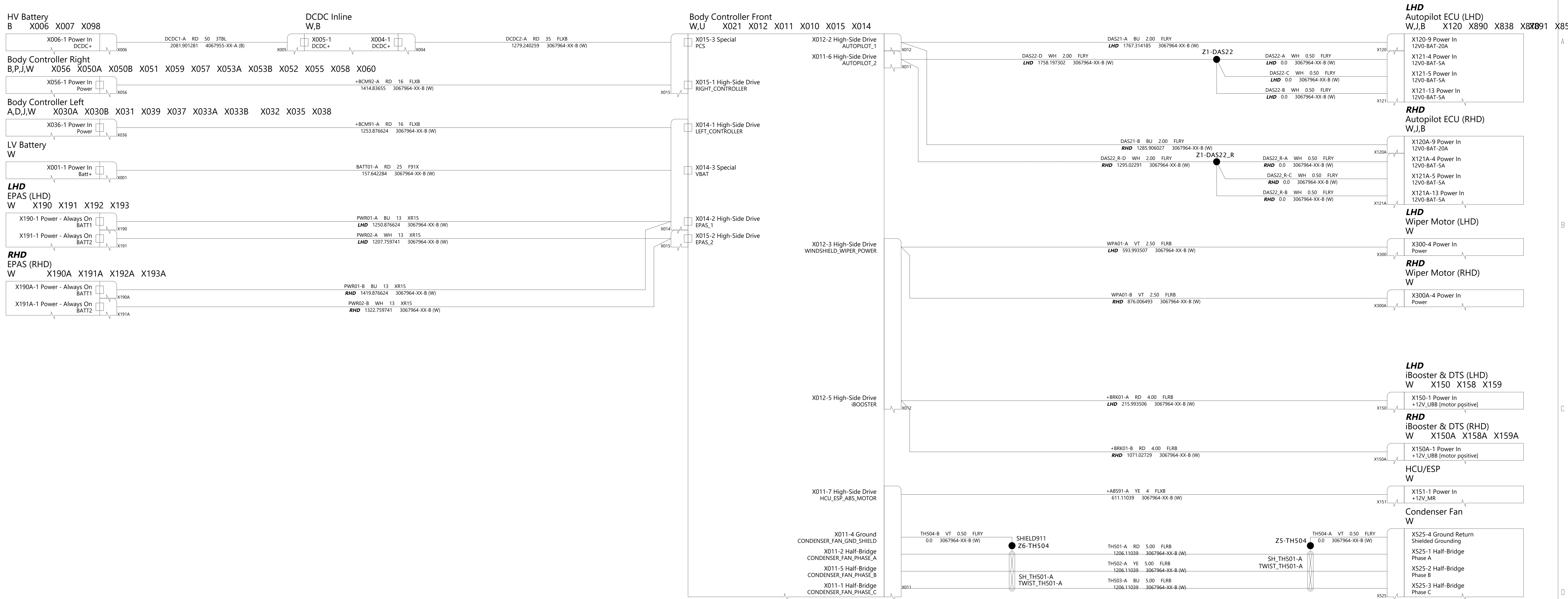
PART NAME
Lighting - Exterior

PART NUMBER	REV	SHEET	SIZE
	1	32 of 50	A0



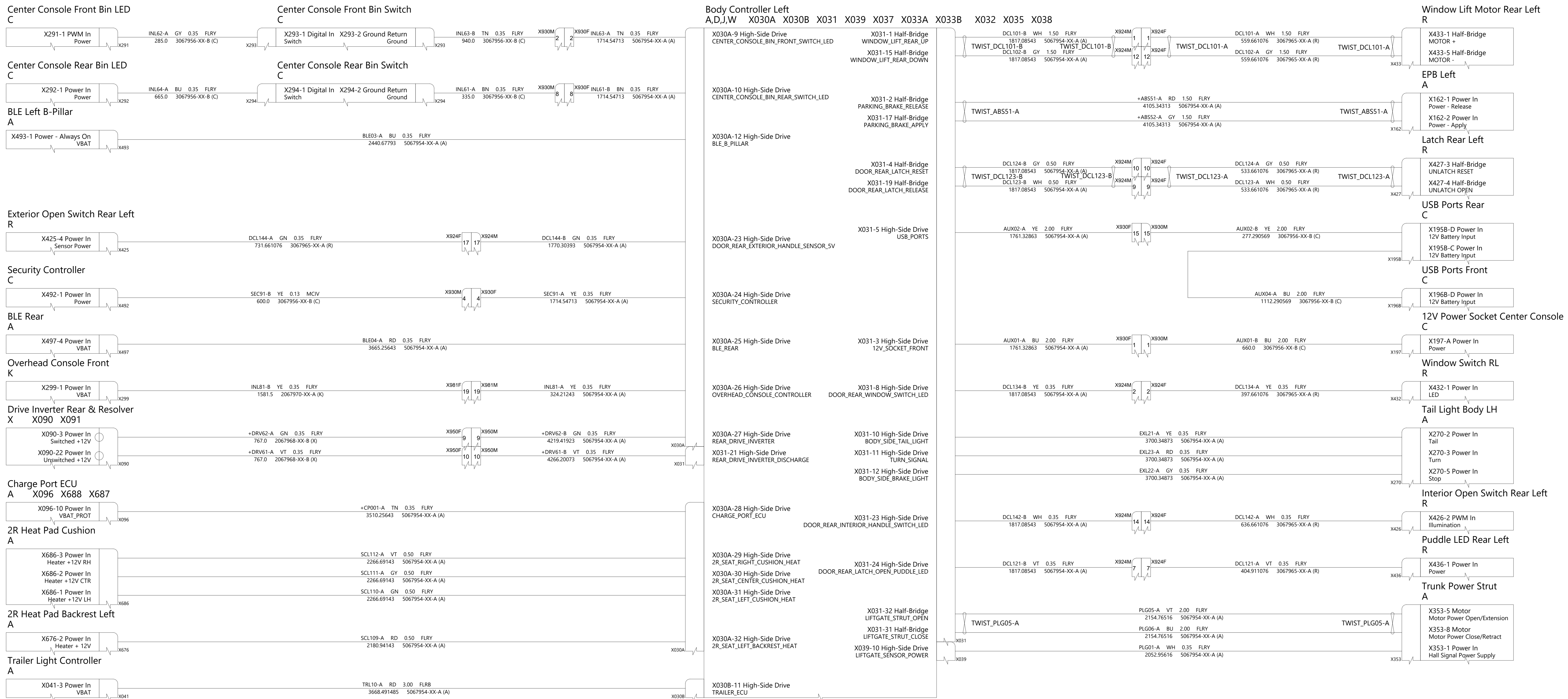
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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME Power Distribution - VCFront 1/2		
PART NUMBER	REV	SHEET
	1	33 OF 50
		SCALE
		A0



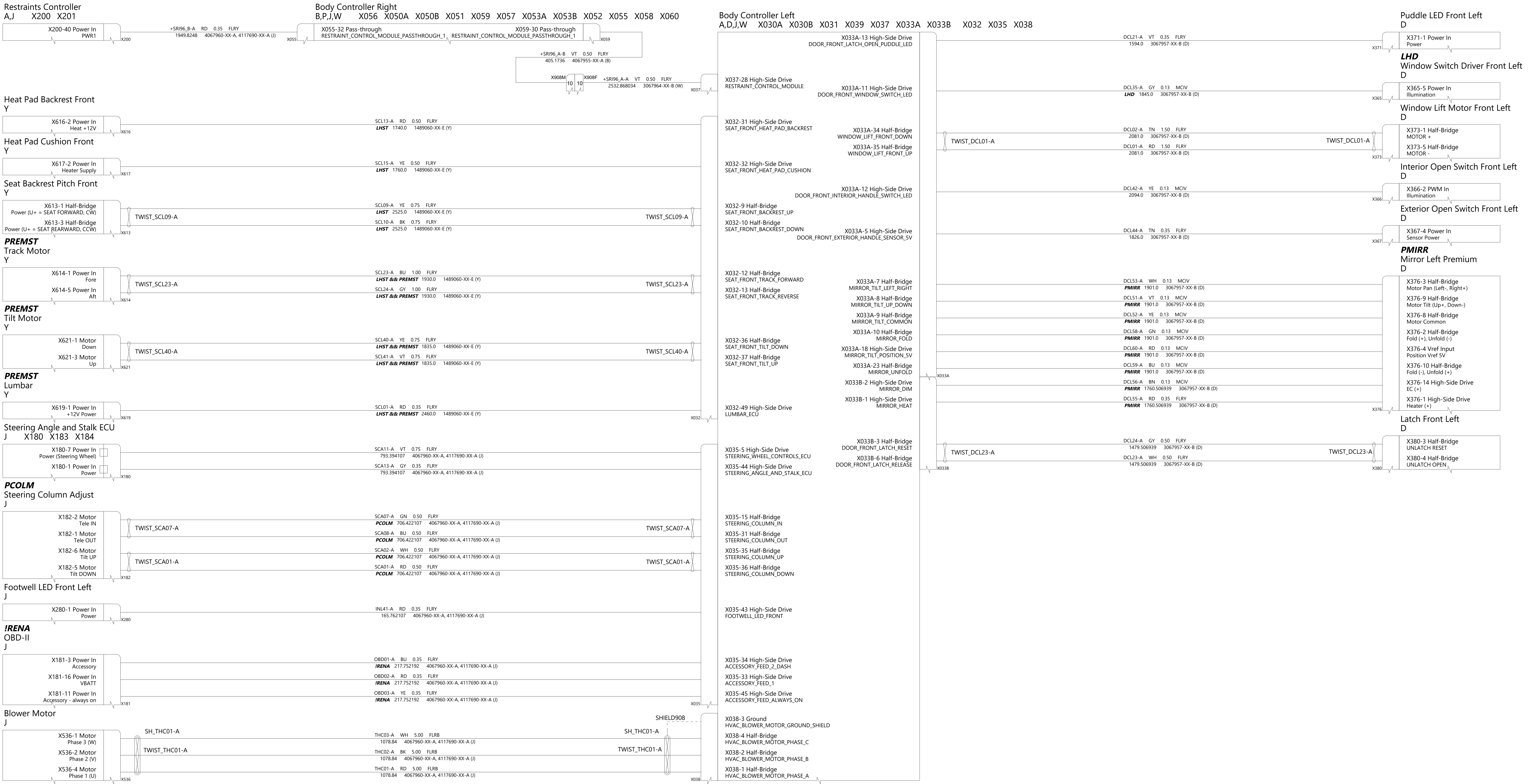
THE INFORMATION CONTAINED HEREIN IS DEEMED TO BE CONFIDENTIAL, PROPRIETARY, AND A TRADE SECRET OF TESLA MOTORS. THIS INFORMATION MAY NOT BE USED, REPRODUCED, OR DISCLOSED AS THE DIRECT OR INDIRECT BASIS FOR THE DEVELOPMENT, MANUFACTURE, OR SALE OF PROCESSES OR PRODUCTS WITHOUT THE EXPRESS WRITTEN CONSENT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

DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME Power Distribution - VCFront 2/2		
PART NUMBER	REV	SHEET
	1	34 OF 50
		SIZE A0



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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME Power Distribution - VLeft 1/2		
PART NUMBER	REV	SHEET
	1	35 OF 50
		SIZE A0



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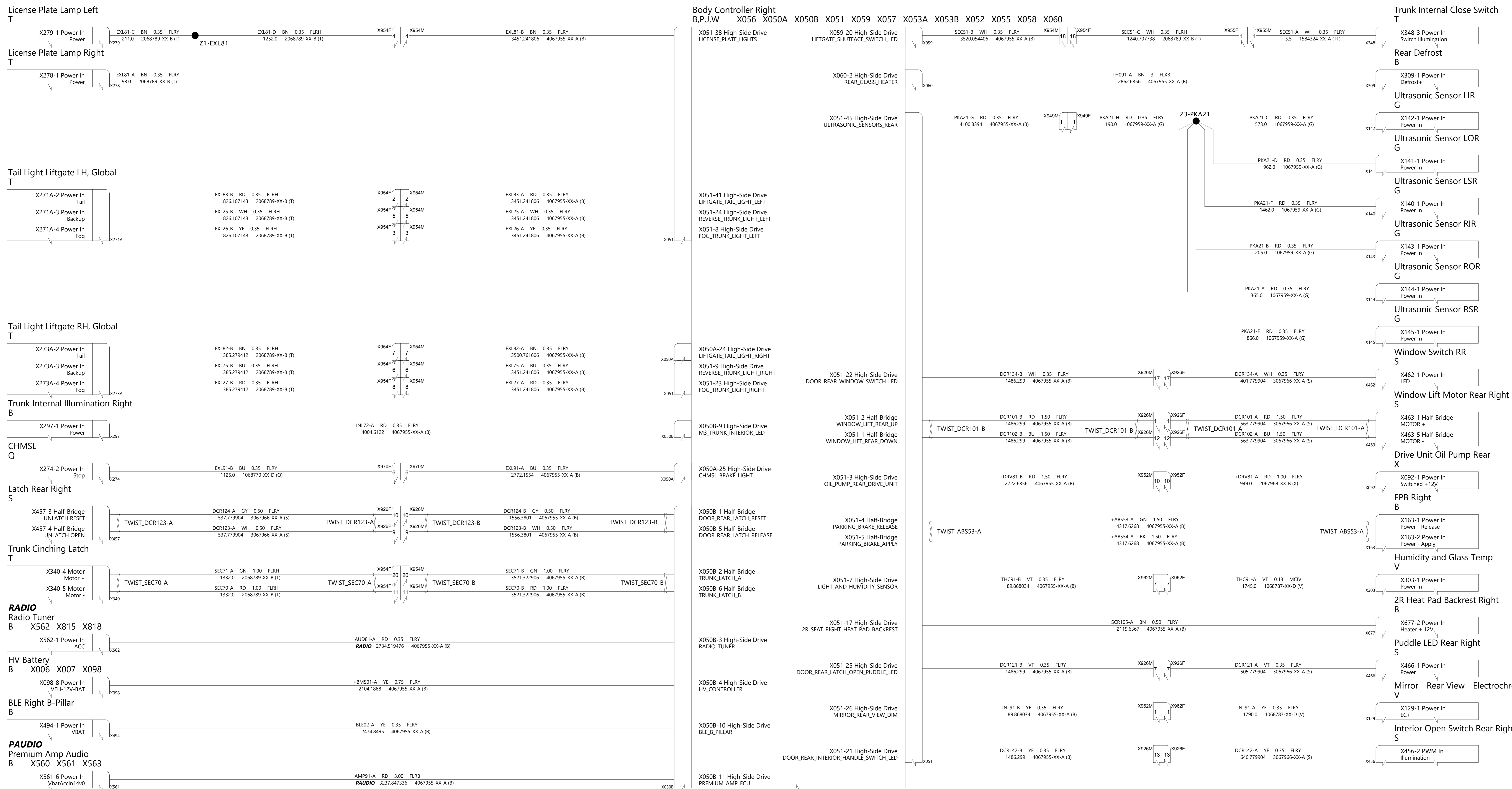
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DRAWN	CHECKED	APPROVED
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MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
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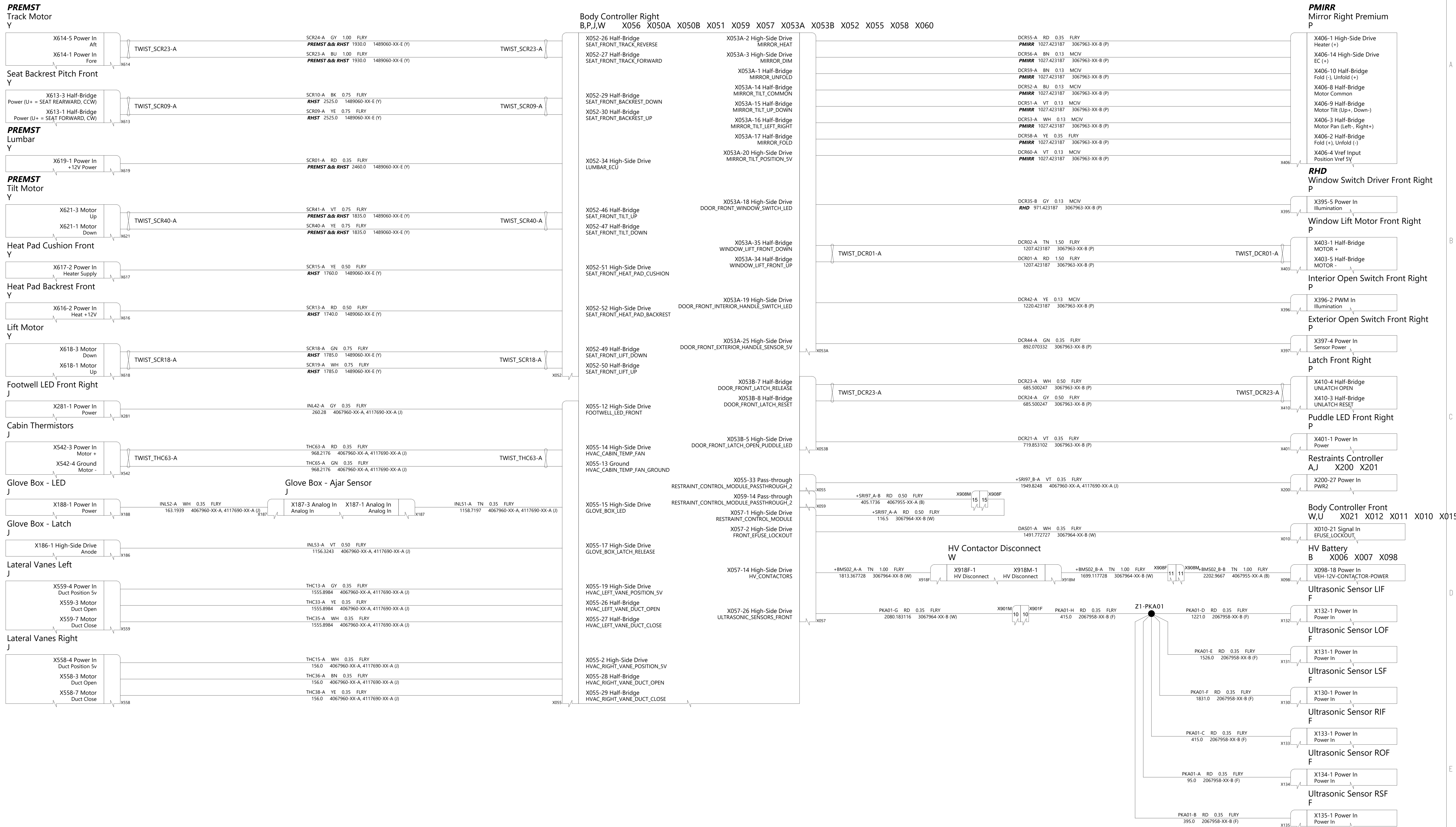
PART NAME
Power Distribution - VLeft 2/2

PART NUMBER	REV	SHEET	SIZE
	1	36 OF 50	A0



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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME Power Distribution - VCRight 1/2		
PART NUMBER	REV	SHEET
	1	37 OF 50
		SIZE A0



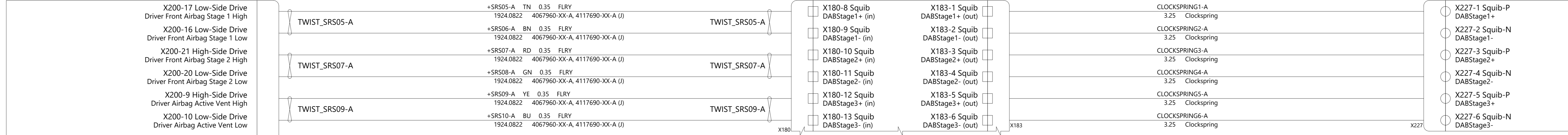
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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME Power Distribution - VCRight 2/2		
PART NUMBER	REV	SHEET
	1	38 OF 50
		SIZE A0

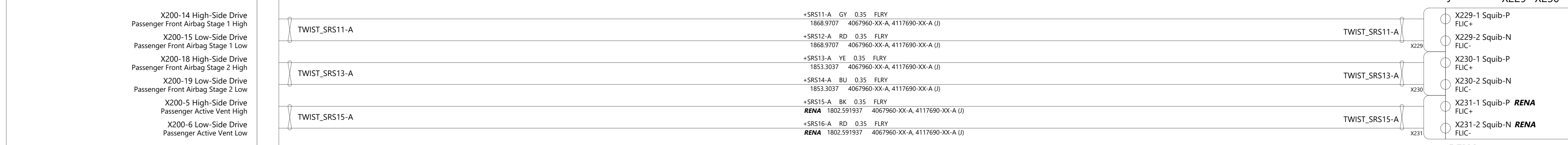
Restraints Controller
A,J X200 X201

Steering Angle and Stalk ECU
J X180 X183 X184

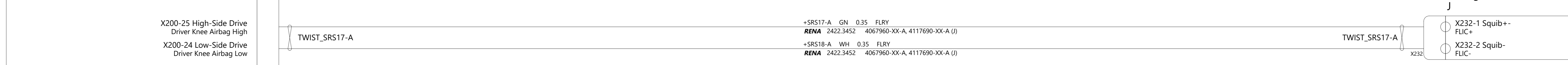
Airbag - Driver
Steering Wheel



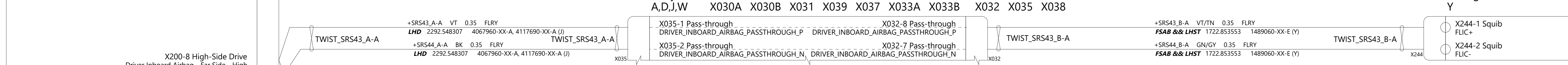
Airbag - Passenger
X229 X230 X231



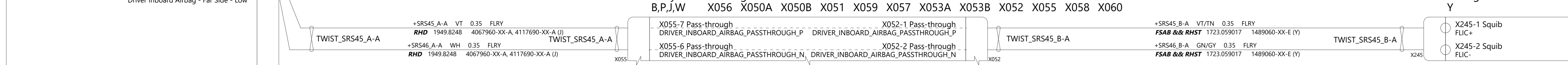
RENA
Airbag - Driver Knee, NA
J



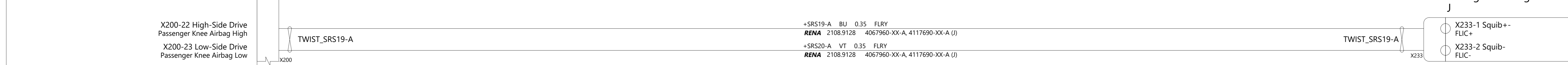
FSAB
Airbag - Driver Inboard LF
Y



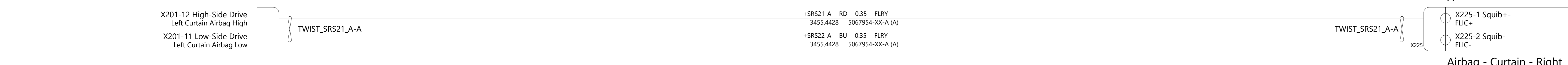
FSAB
Airbag - Driver Inboard RF
Y



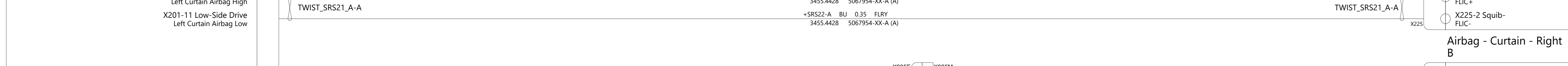
RENA
Airbag - Passenger Knee
J



Airbag - Curtain - Left
A



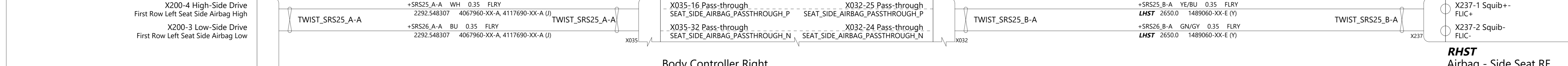
Airbag - Curtain - Right
B



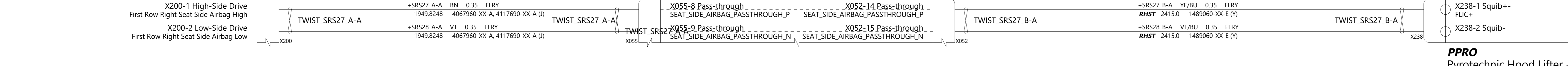
LHST
Airbag - Side Seat LF
Y



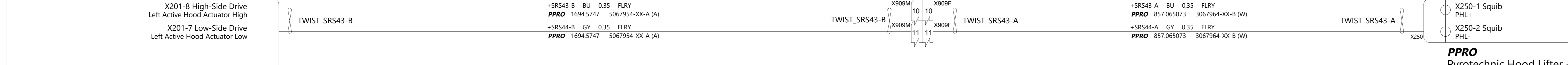
RHST
Airbag - Side Seat RF
Y



PPRO
Pyrotechnic Hood Lifter - Left
W



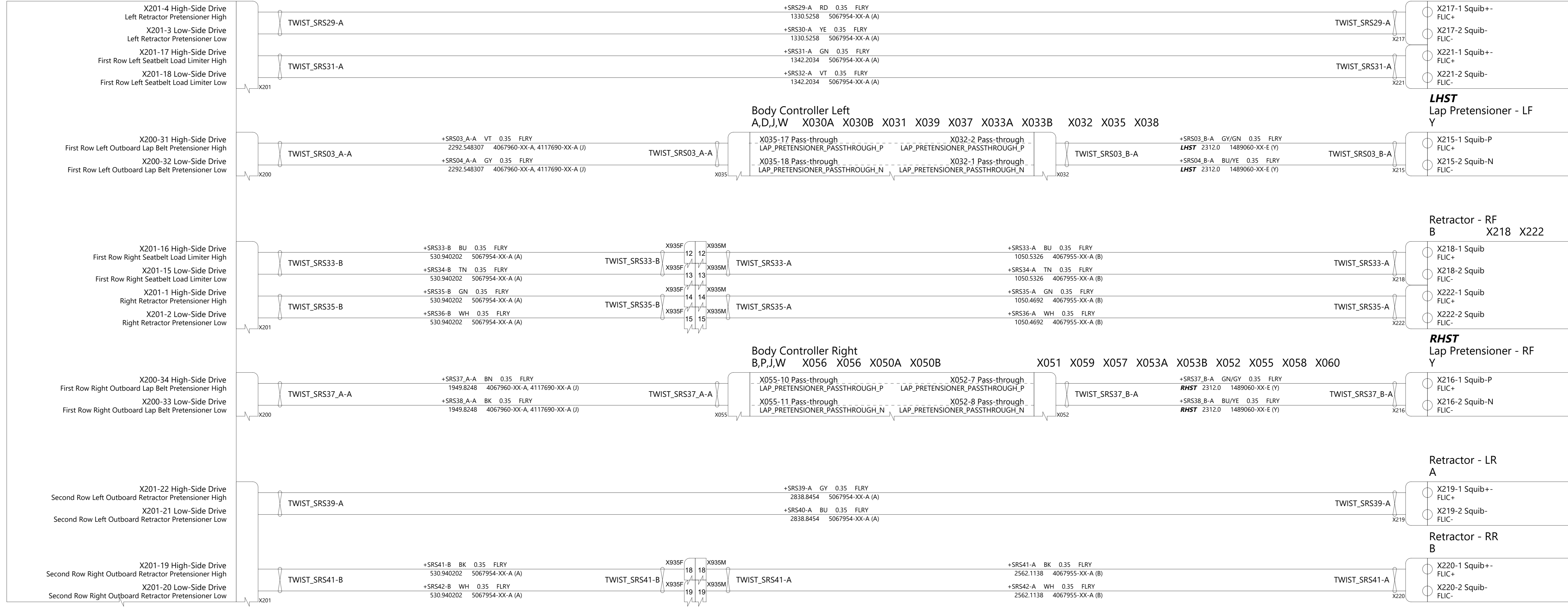
PPRO
Pyrotechnic Hood Lifter - Right
W



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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME Restraints - Airbags		
PART NUMBER	REV	SHEET
	1	39 OF 50
		SIZE A0

Restraints Controller
A,J X200 X201



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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME Restraints - Retractors		
PART NUMBER	REV	SHEET
	1	40 OF 50
		SIZE A0

Restraints Controller
A,J X200 X201

Body Controller Right
B,P,J,W X056 X050A X050B X051 X059 X057 X053A X053B X052 X055 X058 X060

LHD
MCU (LHD)
W,B,J

RHD
MCU (RHD)
W,B,J

HV Battery
B X006 X007 X098

Pressure Sensor - LF Door
D

Pressure Sensor - RF Door
P

Impact Sensor - Front Mid
L

Impact Sensor - FEM Bracket Left
W

Impact Sensor - FEM Bracket Right
W

Impact Sensor - B-Pillar Left
A

Impact Sensor - B-Pillar Right
B

Impact Sensor - C-Pillar Left
A

Impact Sensor - C-Pillar Right
B

PPRO
Pressure Tube - Left
W

PPRO
Pressure Tube - Right
W



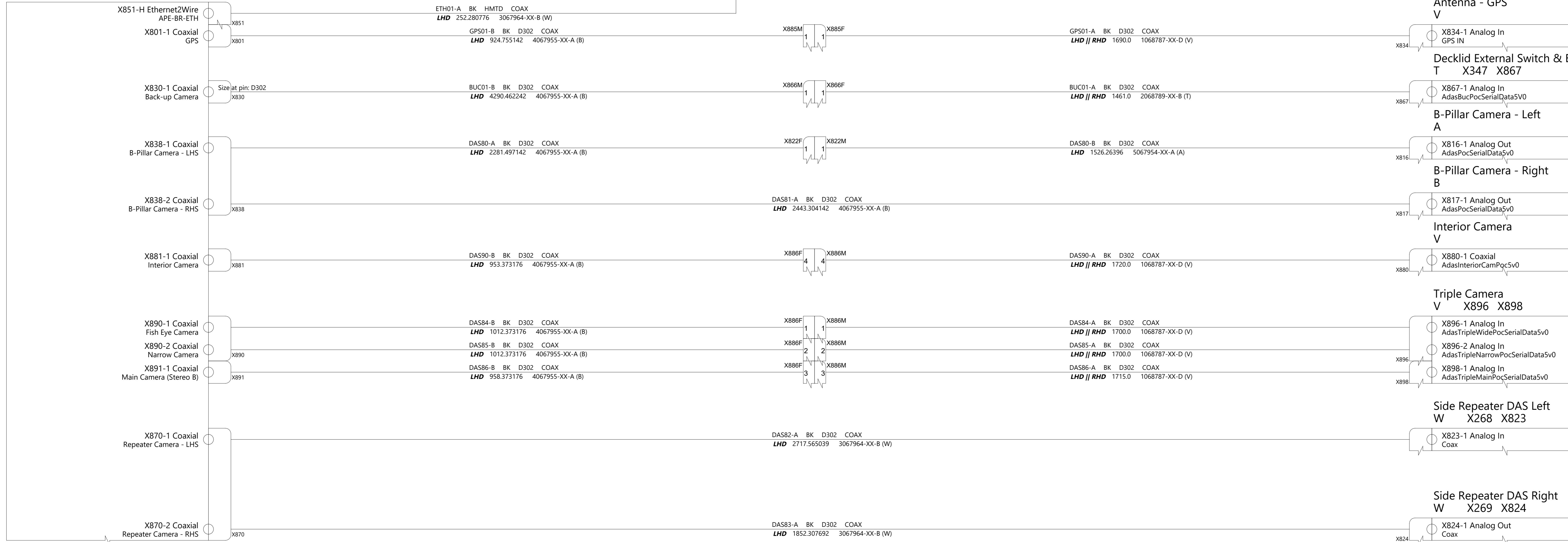
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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME Restraints - Sensors		
PART NUMBER	REV	SHEET
	1	41 of 50
		SIZE A0

LHD
MCU (LHD)
W,B,J



LHD
Autopilot ECU (LHD)
W,J,B X120 X890 X838 X870 X891 X851 X801 X881 X830 X121



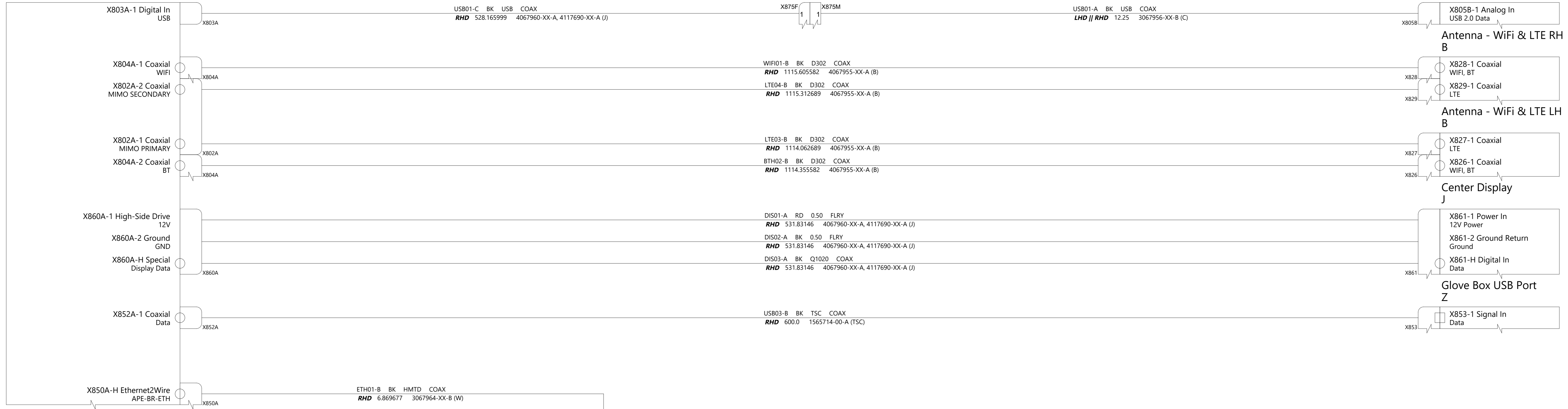
RADIO
Radio Tuner
B X562 X815 X818



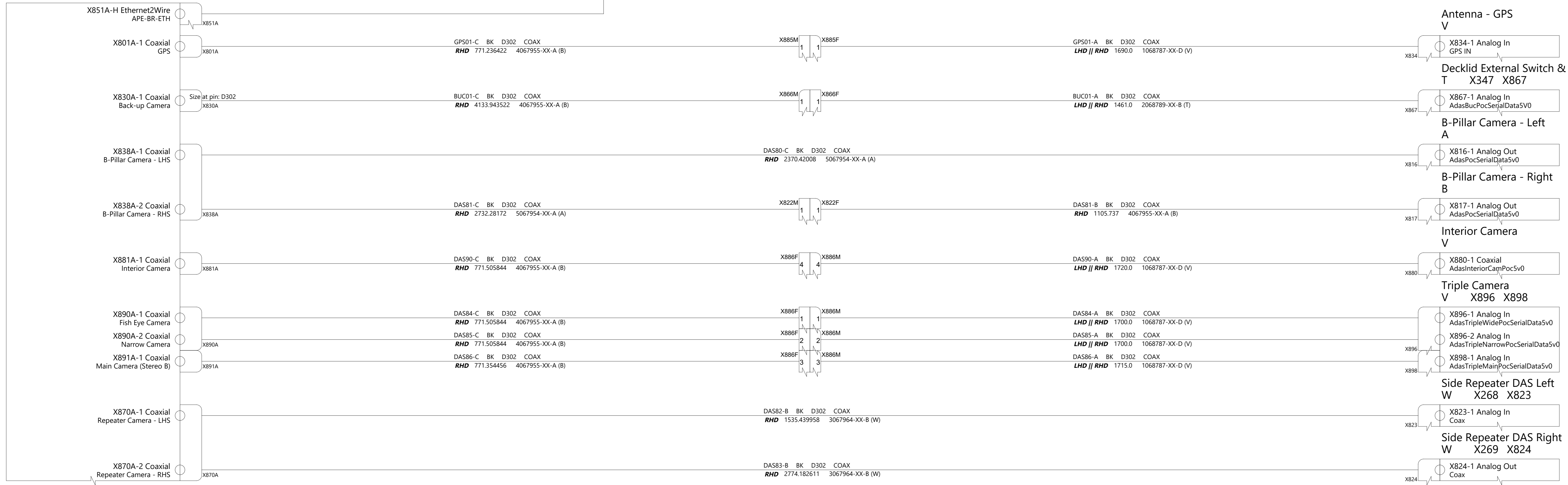
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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME RF/Special Cables		
PART NUMBER	REV	SHEET
	1	42 OF 50
		SIZE A0

RHD
MCU (RHD)
W,B,J



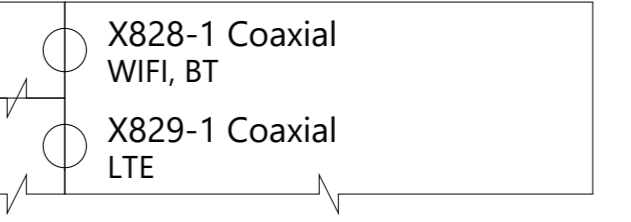
RHD
Autopilot ECU (RHD)
W,J,B



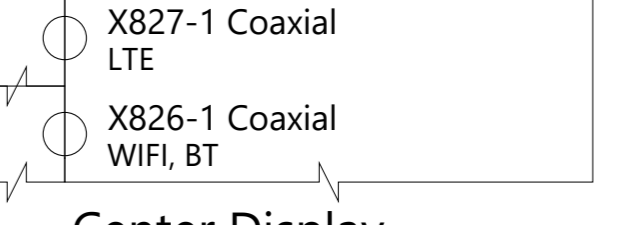
USB Ports Front C



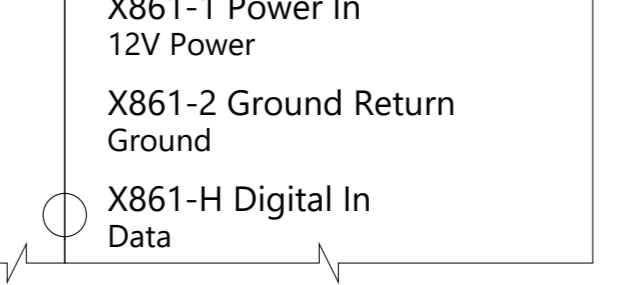
Antenna - WiFi & LTE RH B



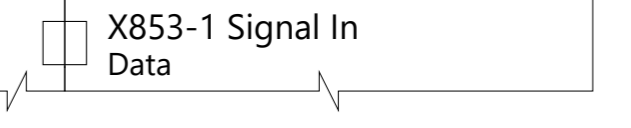
Antenna - WiFi & LTE LH B



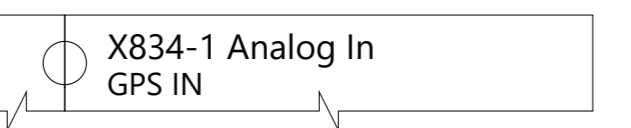
Center Display J



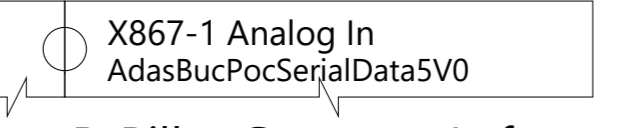
Glove Box USB Port Z



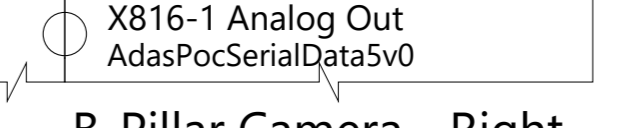
Antenna - GPS V



Decklid External Switch & BUC T X347 X867



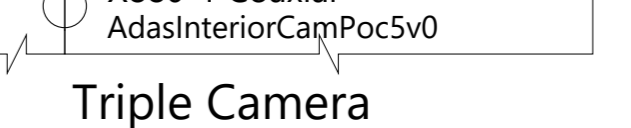
B-Pillar Camera - Left A



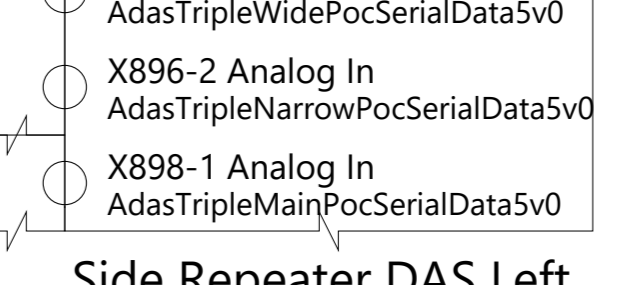
B-Pillar Camera - Right B



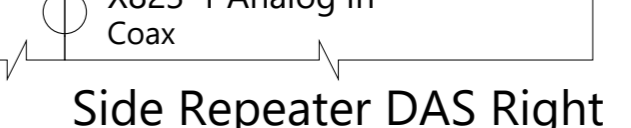
Interior Camera V



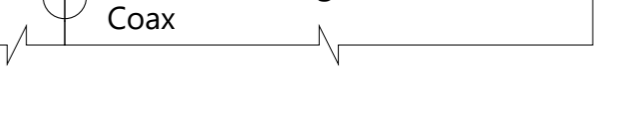
Triple Camera V X896 X898



Side Repeater DAS Left W X268 X823



Side Repeater DAS Right W X269 X824



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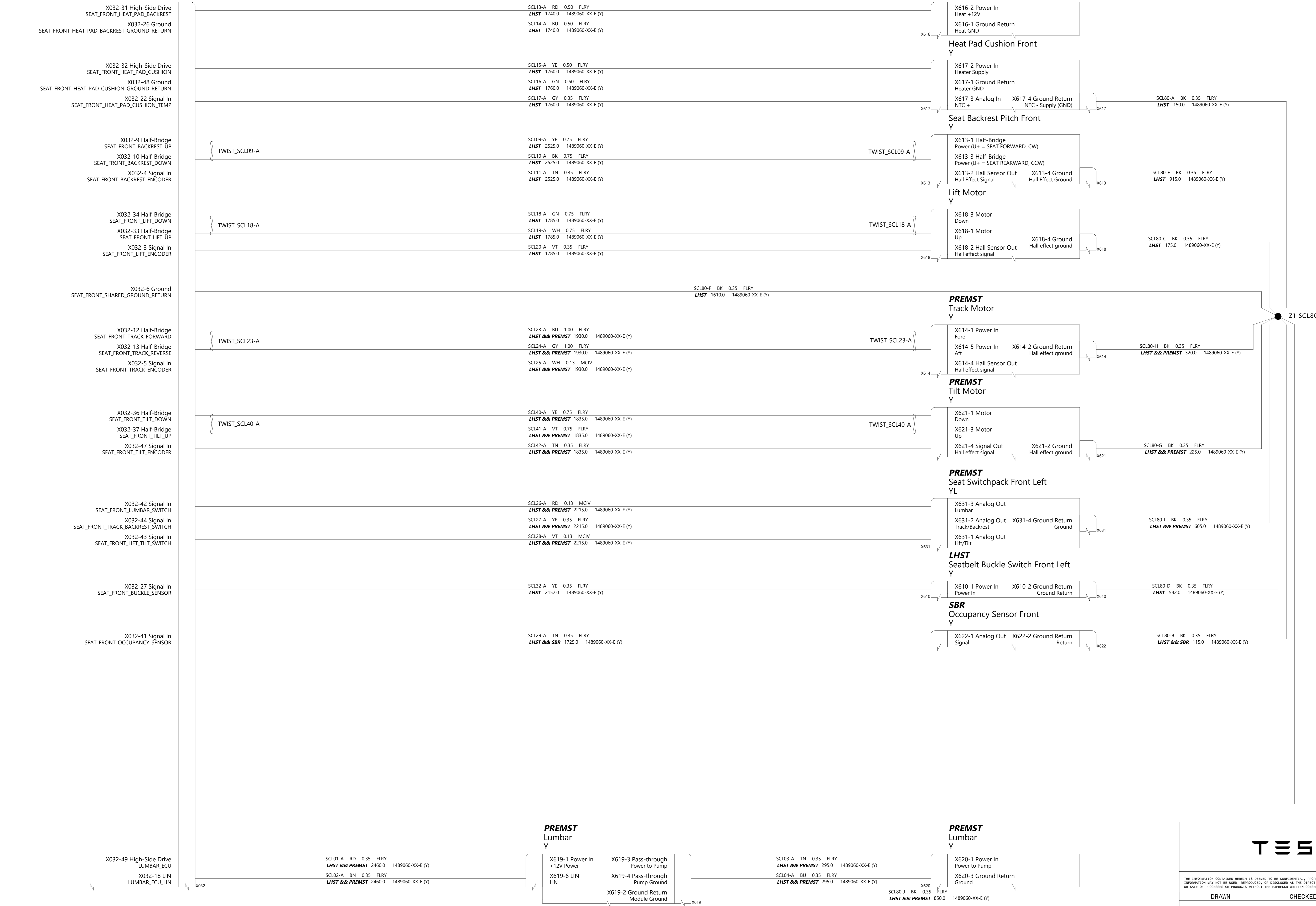
DRAWN	CHECKED	APPROVED
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MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
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PART NAME
RF/Special Cables, RHD

PART NUMBER	REV	SHEET	SIZE
	1	43 OF 50	A0

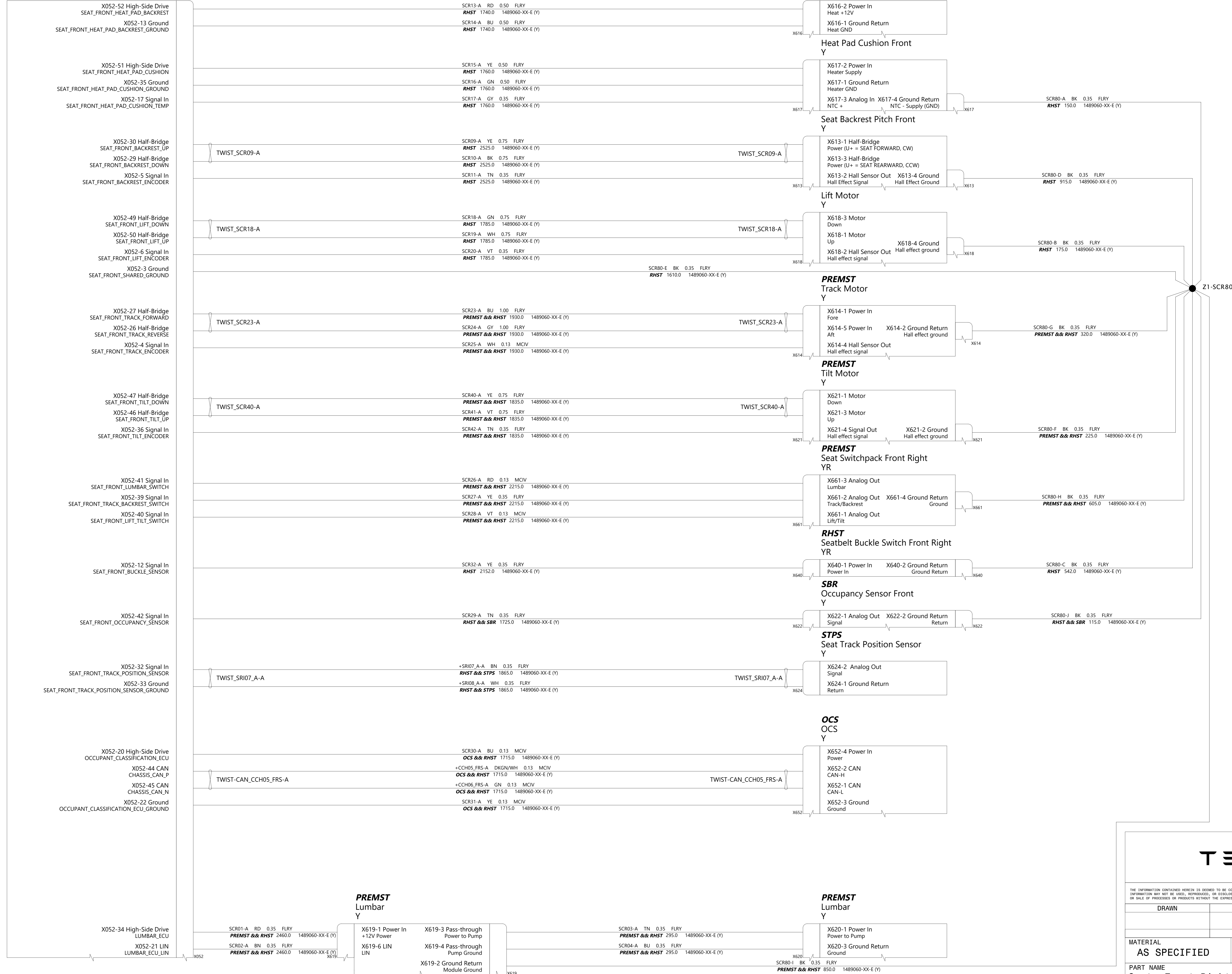
Body Controller Left
A,D,J,W X030A X030B X031 X039 X037 X033A X033B X032 X035 X038



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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME Seats Front Left		
PART NUMBER	REV	SHEET
	1	44 OF 50
		SCALE A0

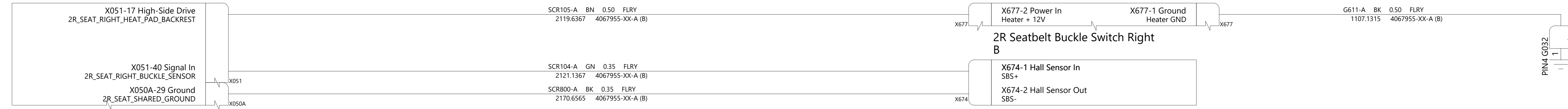
Body Controller Right
B,P,I,W X056 X050A X050B X051 X059 X057 X053A X053B X052 X055 X058 X060



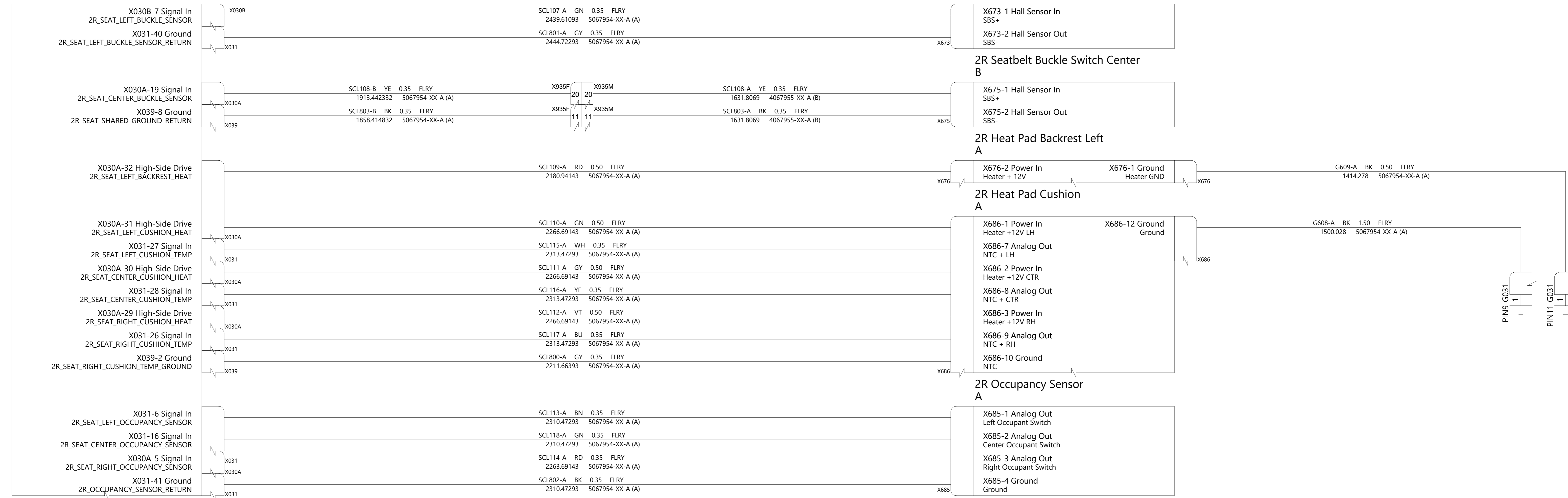
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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME Seats Front Right		
PART NUMBER	REV	SHEET
	1	45 OF 50
		SIZE A0

Body Controller Right
 B,P,J,W X056 X050A X050B X051 X059 X057 X053A X053B X052 X055 X058 X060



Body Controller Left
 A,D,J,W X030A X030B X031 X039 X037 X033A X033B X032 X035 X038

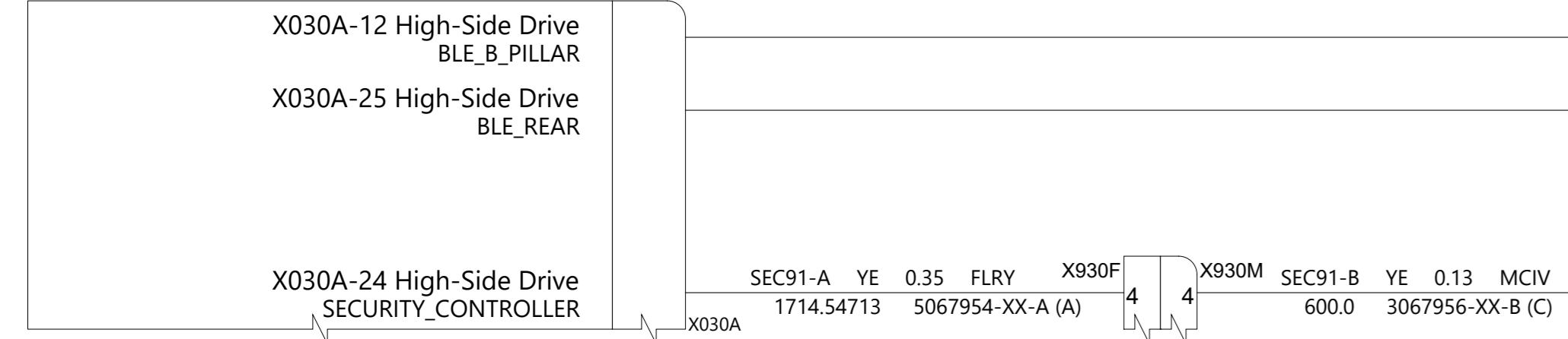


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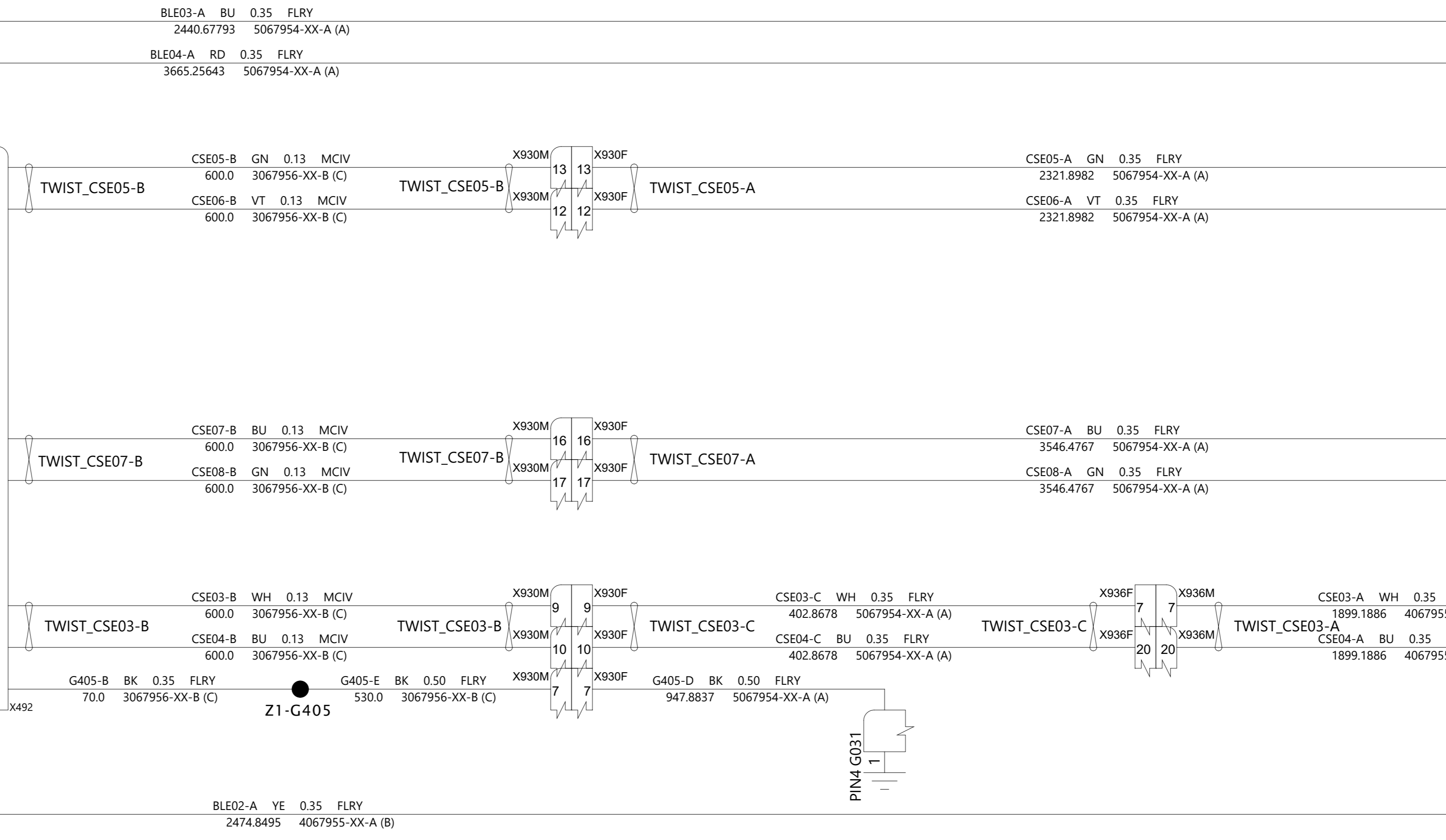
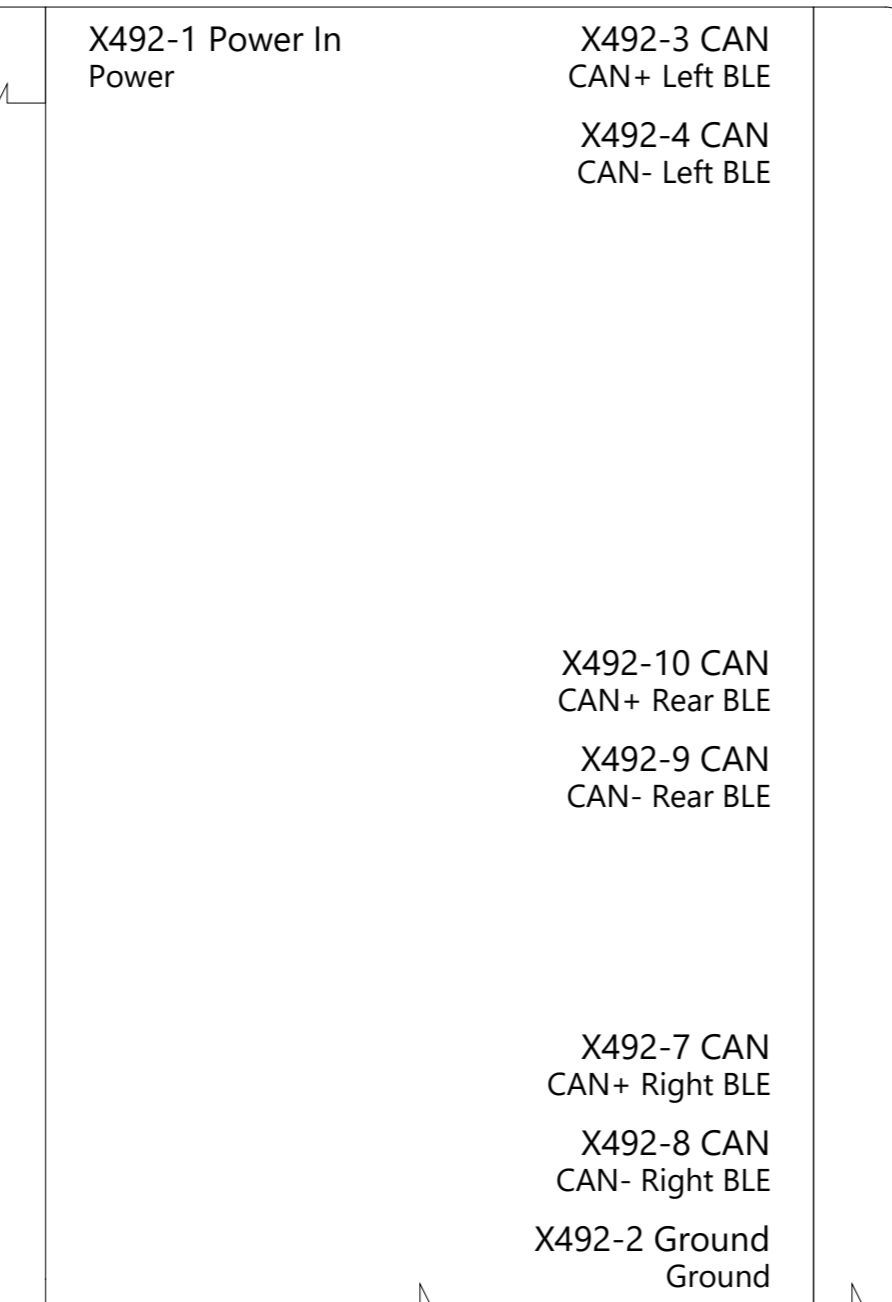
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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME Seats Second Row		
PART NUMBER	REV	SHEET
	1	46 OF 50
		SIZE A0

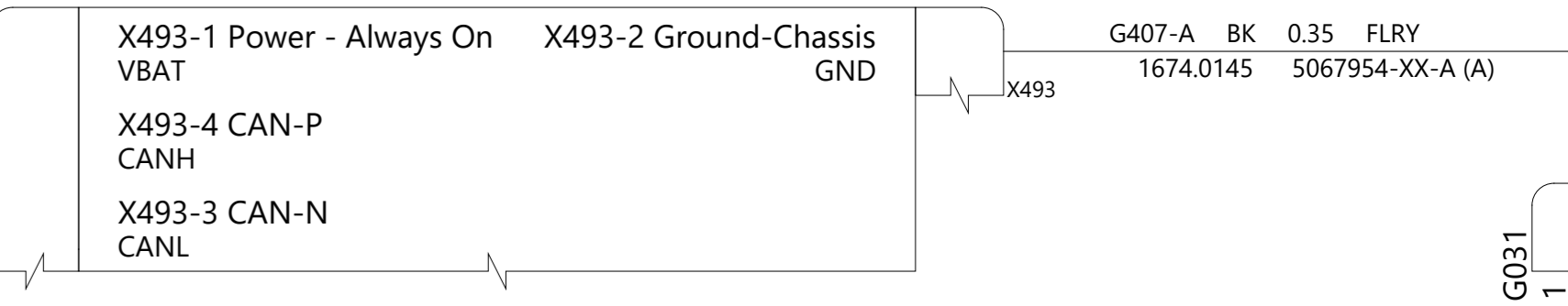
Body Controller Left
A,D,J,W X030A X030B X031 X039 X037 X033A X033B X032 X035 X038



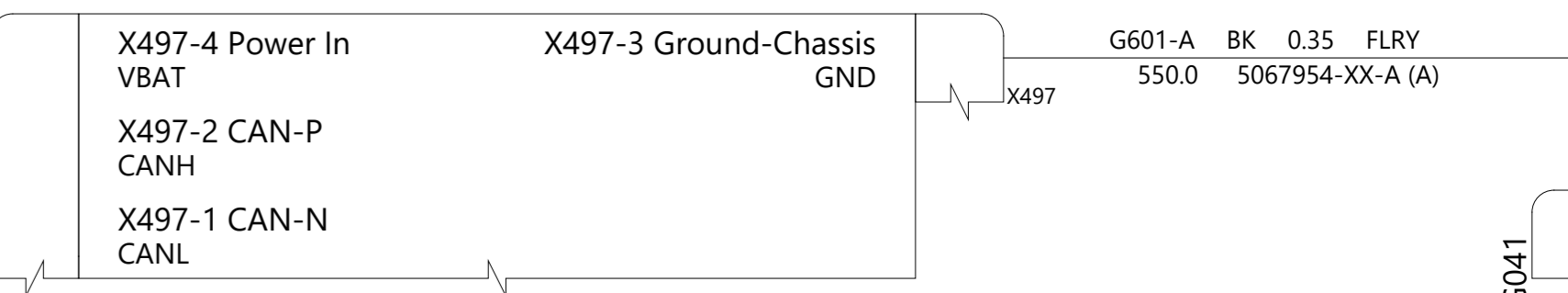
Security Controller
C



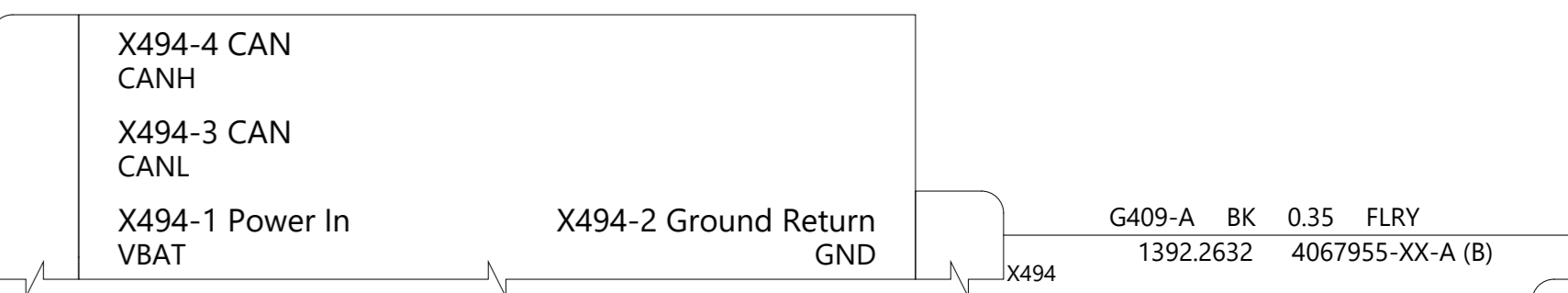
BLE Left B-Pillar
A



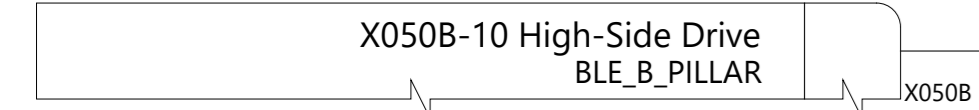
BLE Rear
A



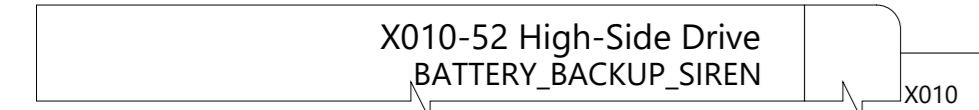
BLE Right B-Pillar
B



Body Controller Right
B,P,J,W X056 X050A X050B X051 X059 X057 X053A X053B X052 X055 X058 X060



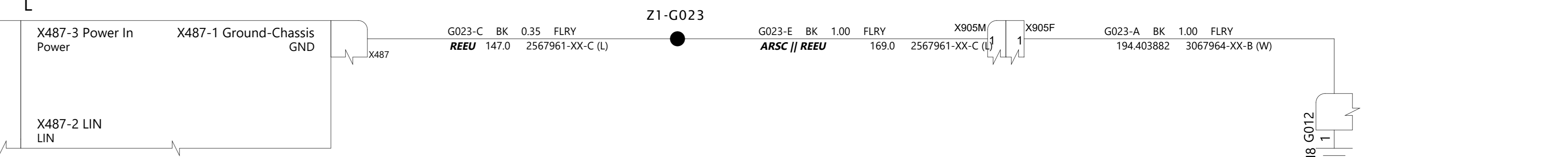
Body Controller Front
W,U X021 X012 X011 X010 X015 X014



Overhead Console Rear
K



REEU
Battery Backup Siren
L

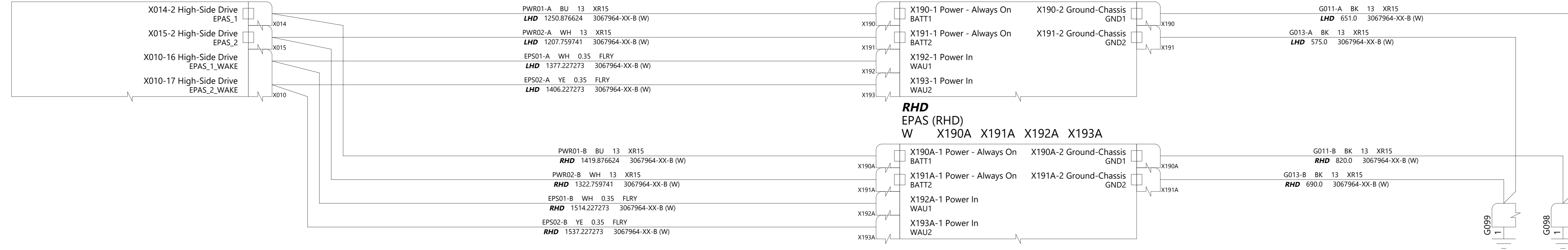


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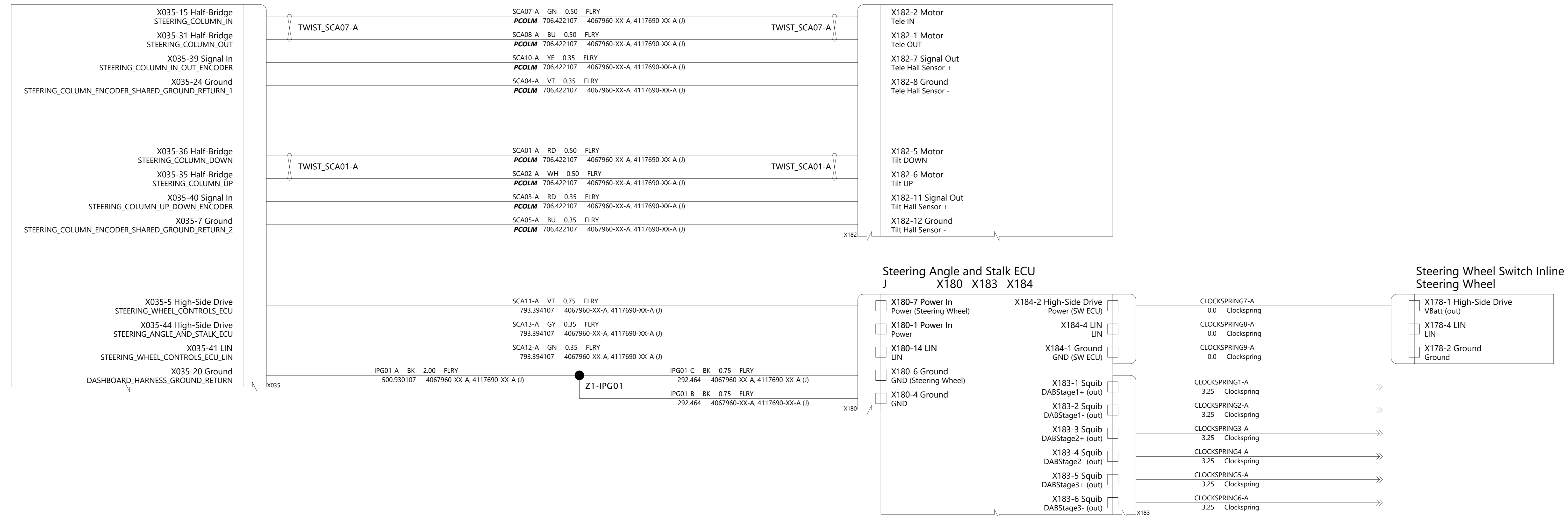
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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME Security Controls		
PART NUMBER	REV	SHEET
	1	47 OF 50
		SIZE A0

Body Controller Front
W,U X021 X012 X011 X010 X015 X014

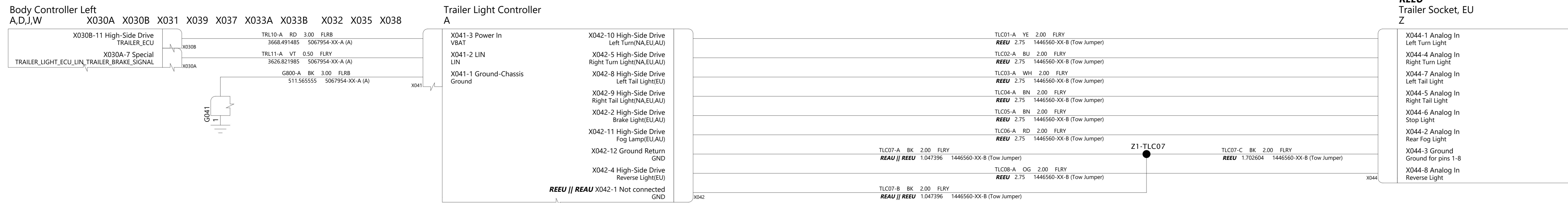


Body Controller Left
A,D,J,W X030A X030B X031 X039 X037 X033A X033B X032 X035 X038



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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME Steering		
PART NUMBER	REV 1	SHEET 48 OF 50
		SIZE A0



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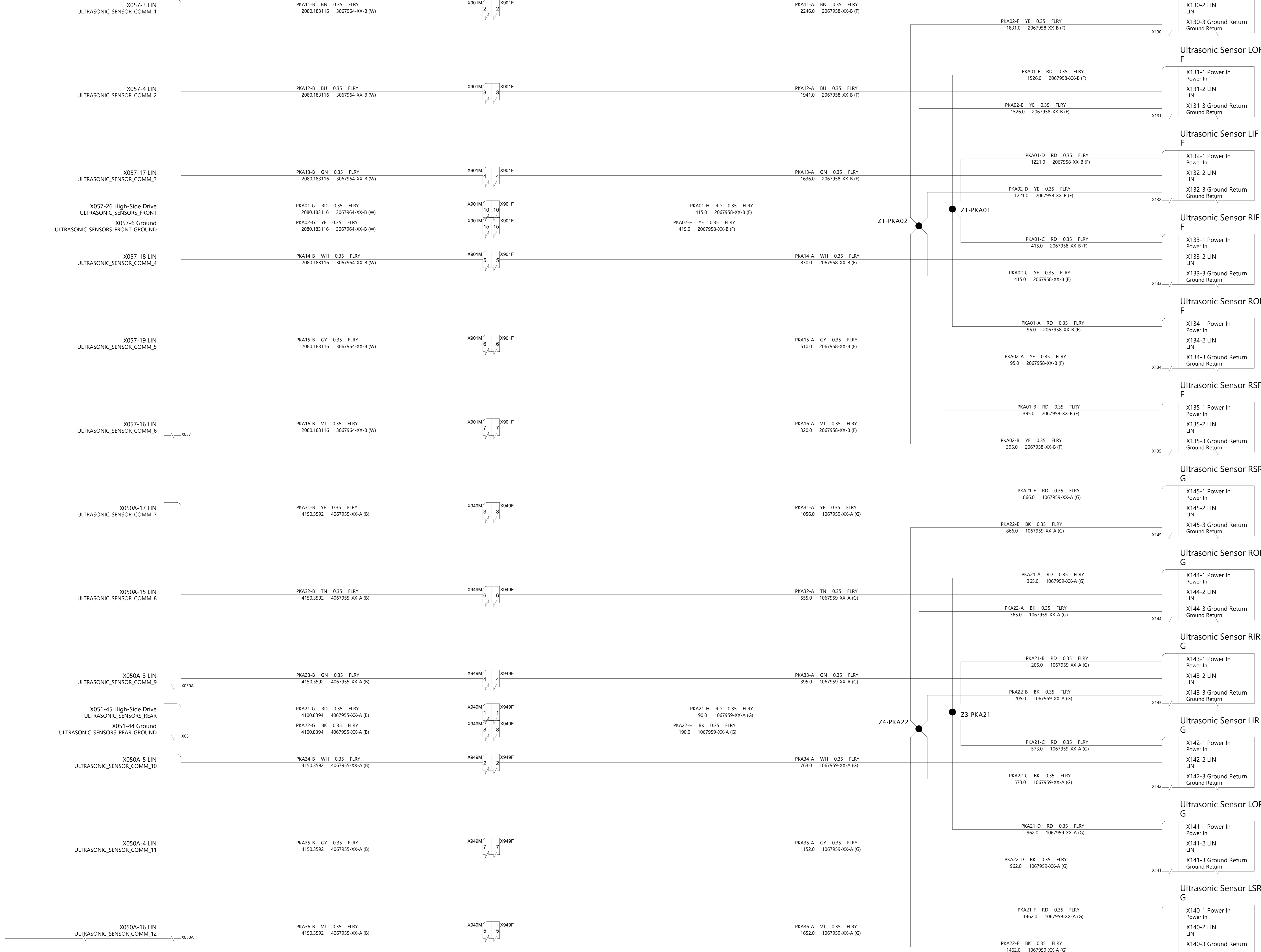
DRAWN	CHECKED	APPROVED
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MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
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PART NAME
Towing

PART NUMBER	REV	SHEET	SIZE
	1	49 of 50	A0

Body Controller Right
 B,P,J,W X056 X050A X050B X051 X059 X057 X053A X053B X052 X055 X058 X060



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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME Ultrasonics		
PART NUMBER	REV 1	SHEET 50 OF 50
		SIZE A0