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Table 1: Abbreviations

LF	Left Front	RF	Right Front
LR	Left Rear	RR	Right Rear
LH	Left-Hand Side	RH	Right-Hand Side

Table 2: Harness Designators, Names, & Part Numbers

Des	Name	Harness Part Number Base
A	Body Left	3486394-XX-X
AT	A-Pillar Trim	2617078-XX-X*
B	Body Right	3486395-XX-X
C	Center Console	2486396-XX-X*
D	LF Door	2486397-XX-X
DT	Front Door Trim	1613836-XX-X*
F	Front Fascia	3507992-XX-X
J	IP	3486401-XX-X
JT	IP Trim	2494925-XX-X*
K	Headliner	3486403-XX-X*
L	Front End Module	2486404-XX-X*
N	Front Drive Unit	2139991-XX-X
OJ	HV Controller	1608422-XX-X
OM	HV Pack	1608184-XX-X
OP	HV Pyro	1609399-XX-X
P	RF Door	2486398-XX-X
R	LR Door	2486399-XX-X
RT	Rear Door Trim	1613837-XX-X*
S	RR Door	2486400-XX-X
T	Liftgate Right	3486406-XX-X
U	Liftgate Left	3486407-XX-X*
UHP	SuperManifold	1585341-XX-X*
W	Frunk	3486408-XX-X
X	Rear Drive Unit	2486409-XX-X
XT	Performance Rear Drive Unit	1591240-XX-X
Y	Front Seats	2486405-XX-X
YYL	Rear Seat Left Backrest	1585344-XX-X
YYR	Rear Seat Right Backrest	1588802-XX-X
YYRJ	Rear Seat Right Shoulder	1618278-XX-X
Z	Miscellaneous	Varies*
		* Indicates harness not on GA MBOM

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

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
FLXB	Thin wall 125C rated, cross-linked polyolefin, high flexible, halogen free insulated
F91X	Thin wall 150C rated, cross-linked polyethylene, high flexible

Table 5: Option Codes

DRIVR	Driver Seat	PPRO	Pedestrian Protection
PASSN	Passenger Seat	OCS	Occupant Classification System
LHST	Left Seat	TW01	Tow Package
RHST	Right Seat	X024	Performance
REEU	Region Europe	X025	Long Range
RENA	Region North America		
CPGB	Charge Port China		
ECALL	Emergency Call		

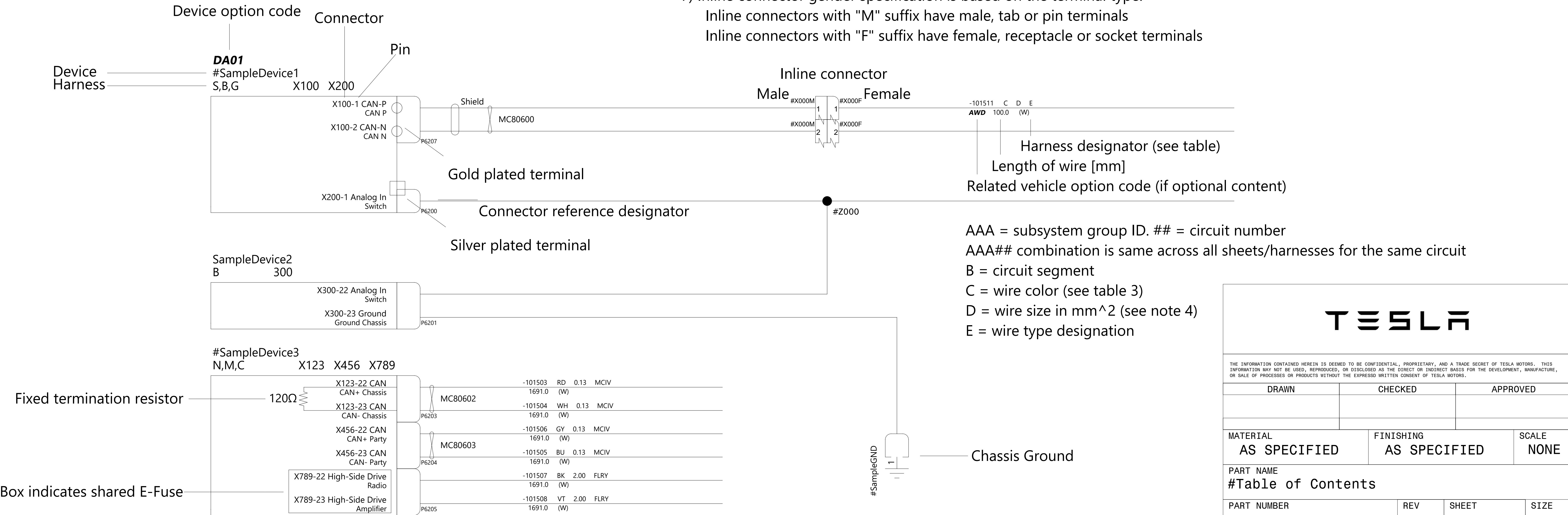
General Notes:

- 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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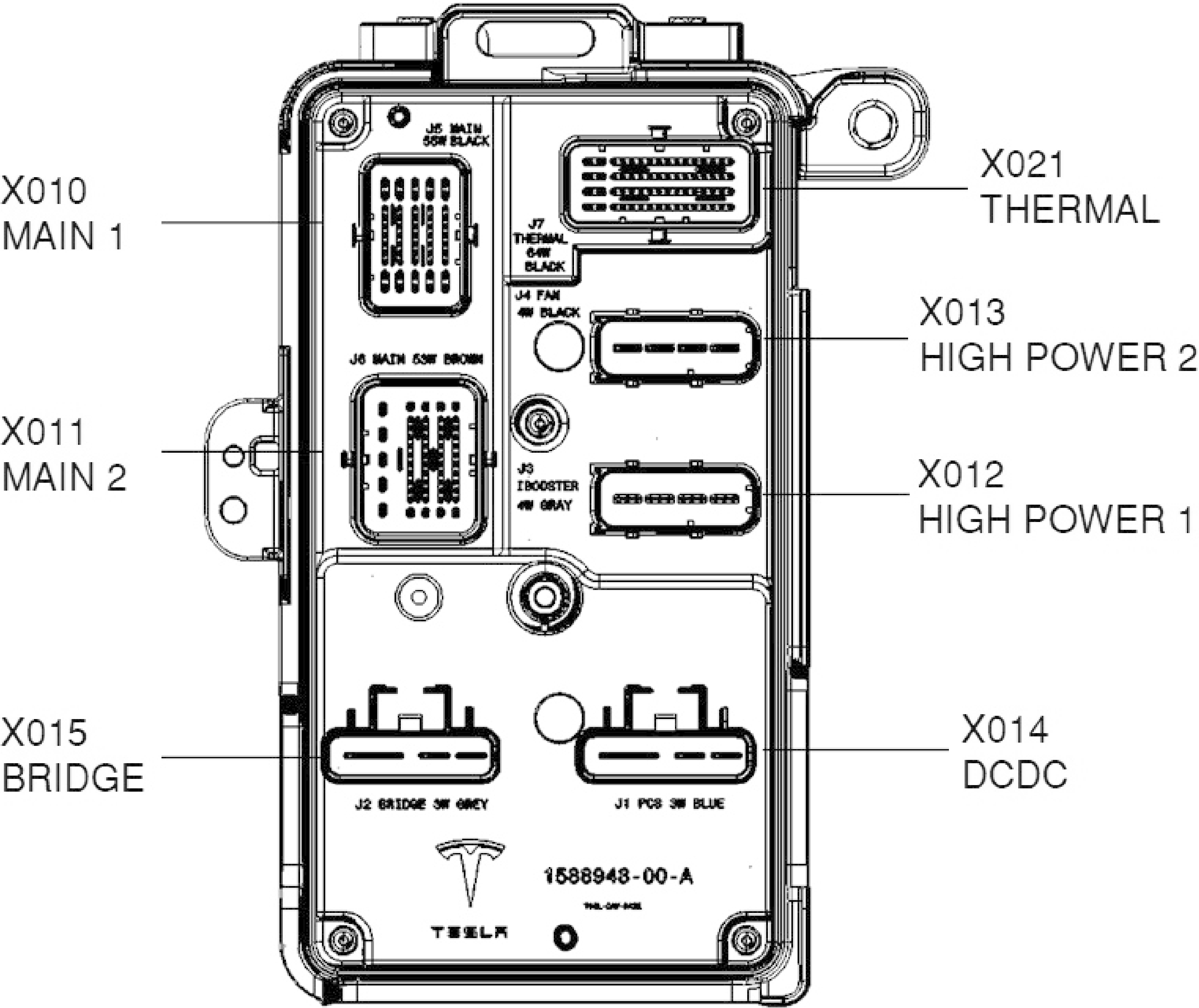
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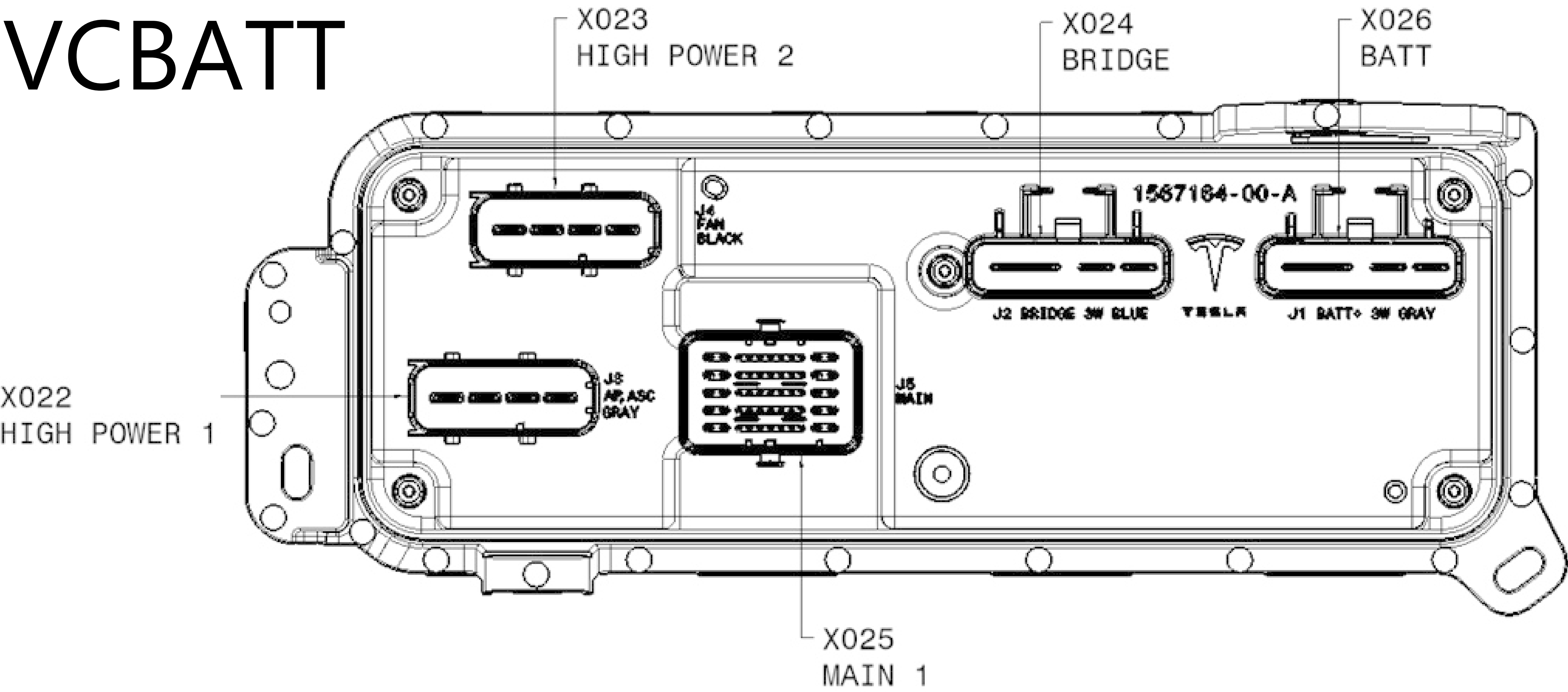
PART NAME #Table of Contents

PART NUMBER	REV 3	SHEET 1 of 61	SIZE A0
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VCFRONT

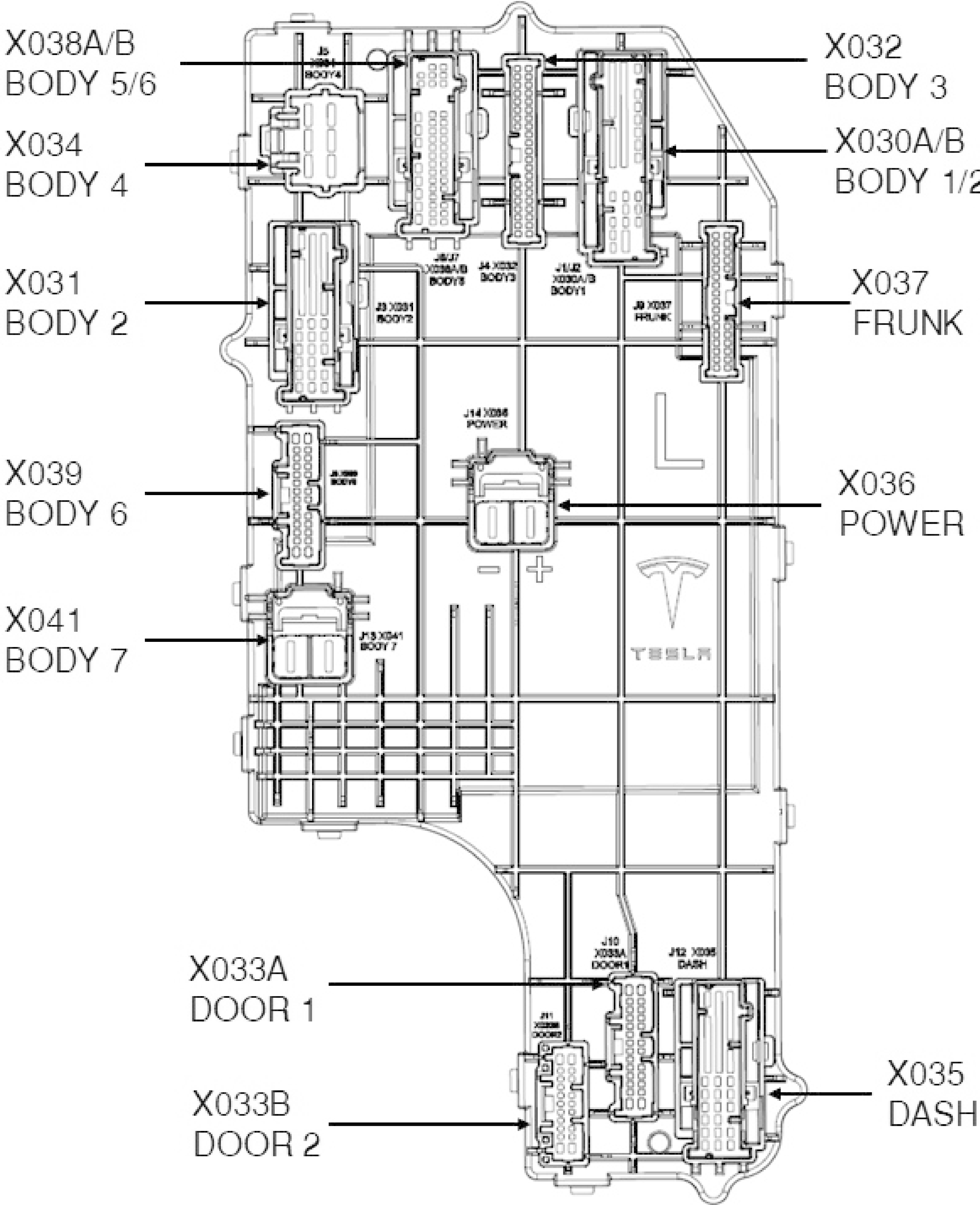


VCBATT

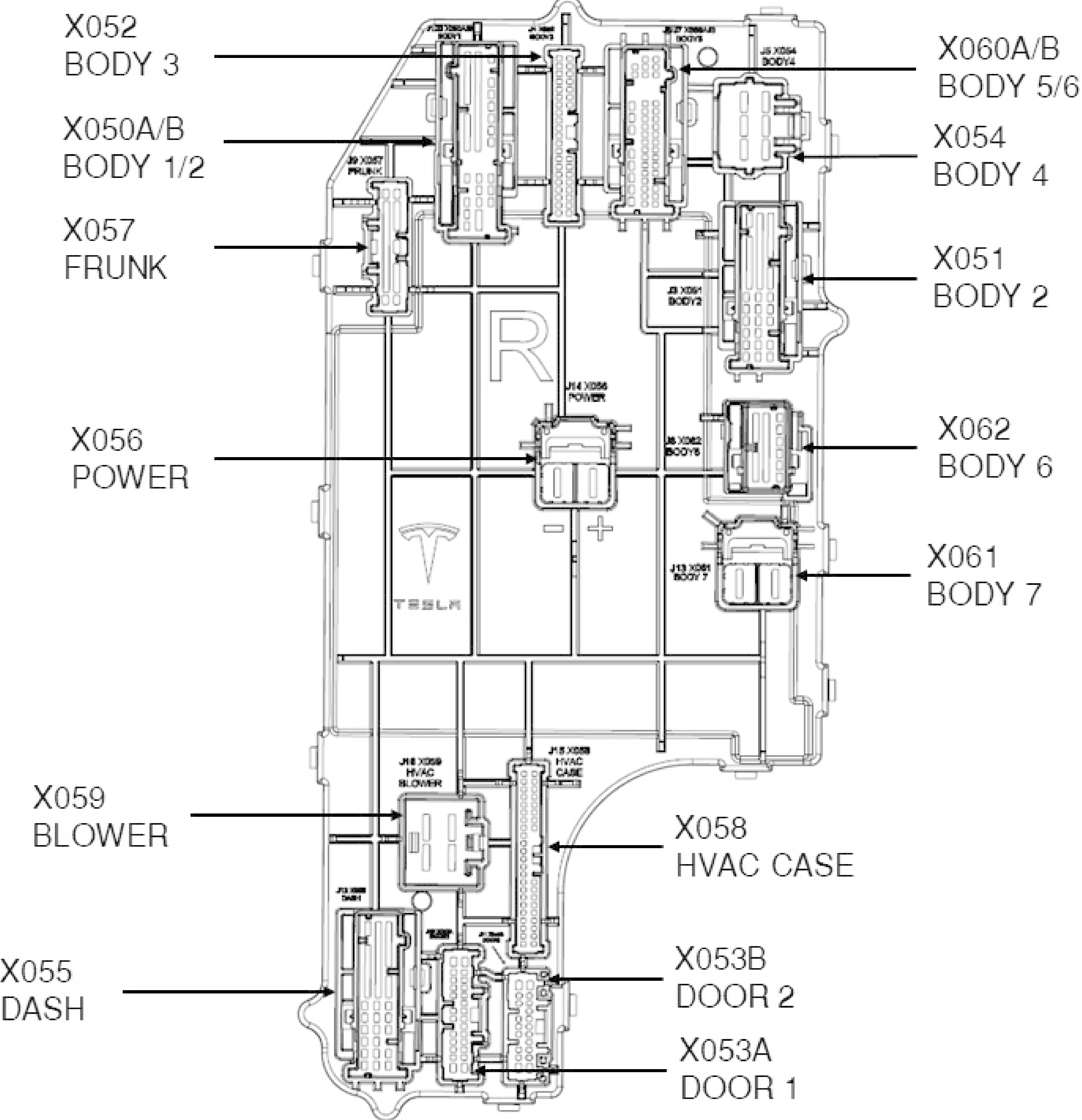


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		APPROVED	
MATERIAL AS SPECIFIED		FINISHING AS SPECIFIED	
		SCALE NONE	
PART NAME #Vehicle Controller Layout, Front			
PART NUMBER		REV 3	SHEET 2 OF 61
		SIZE A0	

VCLEFT



VCRIGHT



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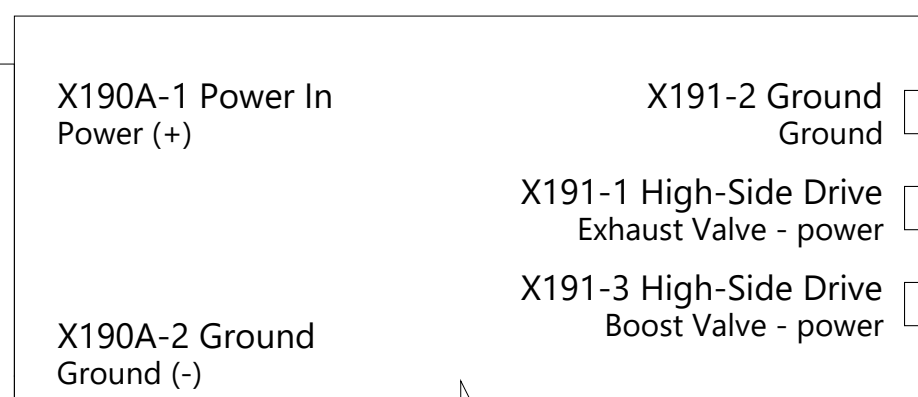
Front Controller
UHP, W X021 X010 X011 X012 X013 X014



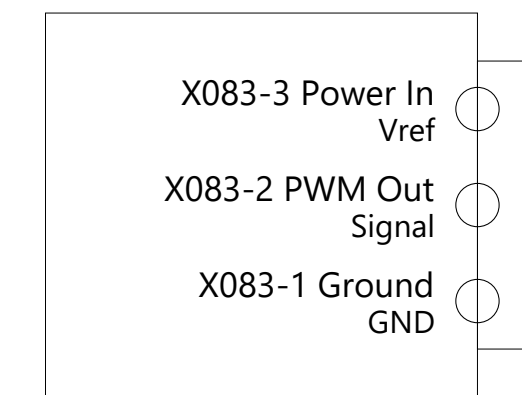
Battery Controller
W X025 X022 X023 X024 X026



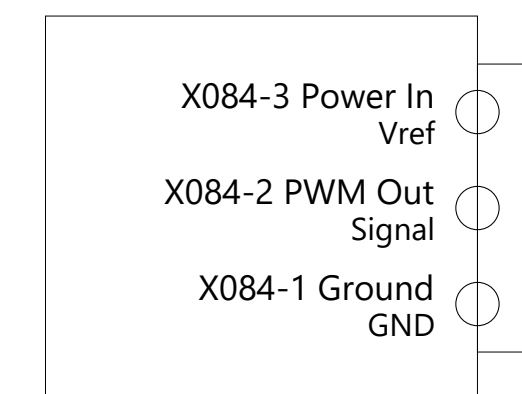
Air Suspension Compressor
W X190A X191



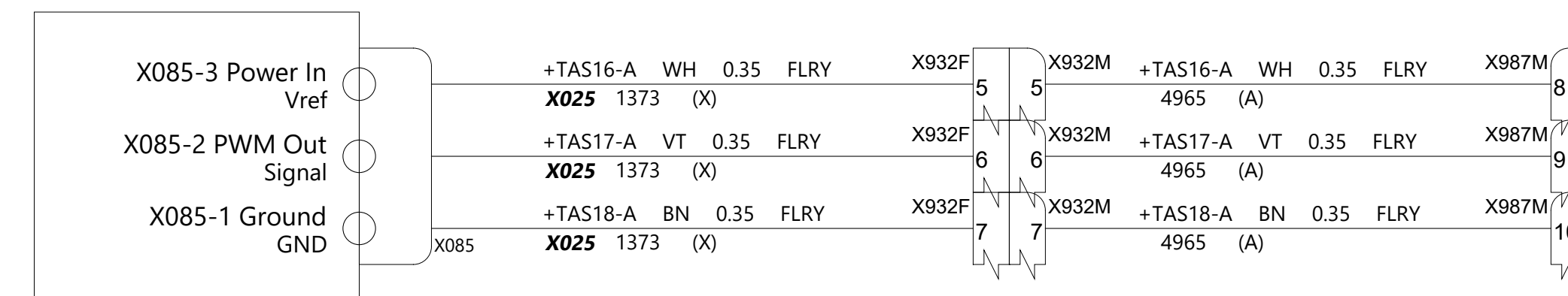
Ride Height Sensor LF
W X083



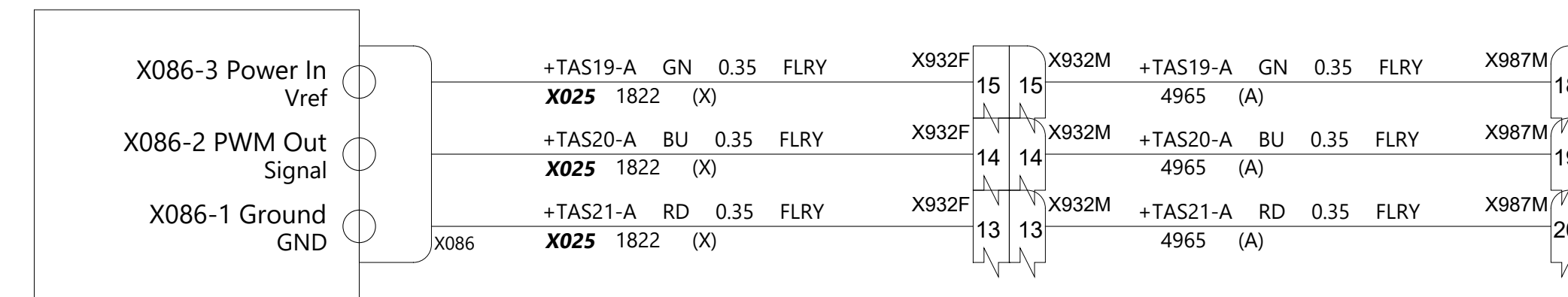
Ride Height Sensor RF
W X084



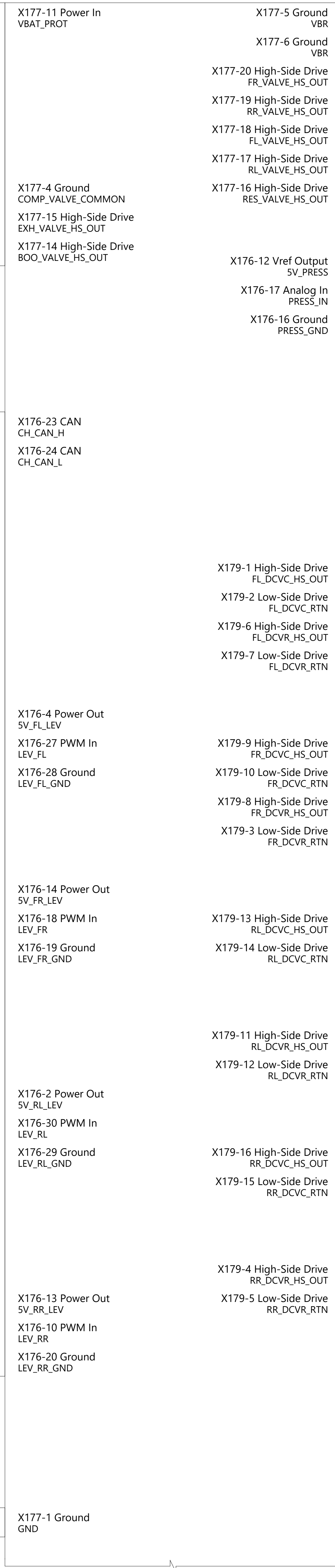
X025
Ride Height Sensor LR
X,XT X085



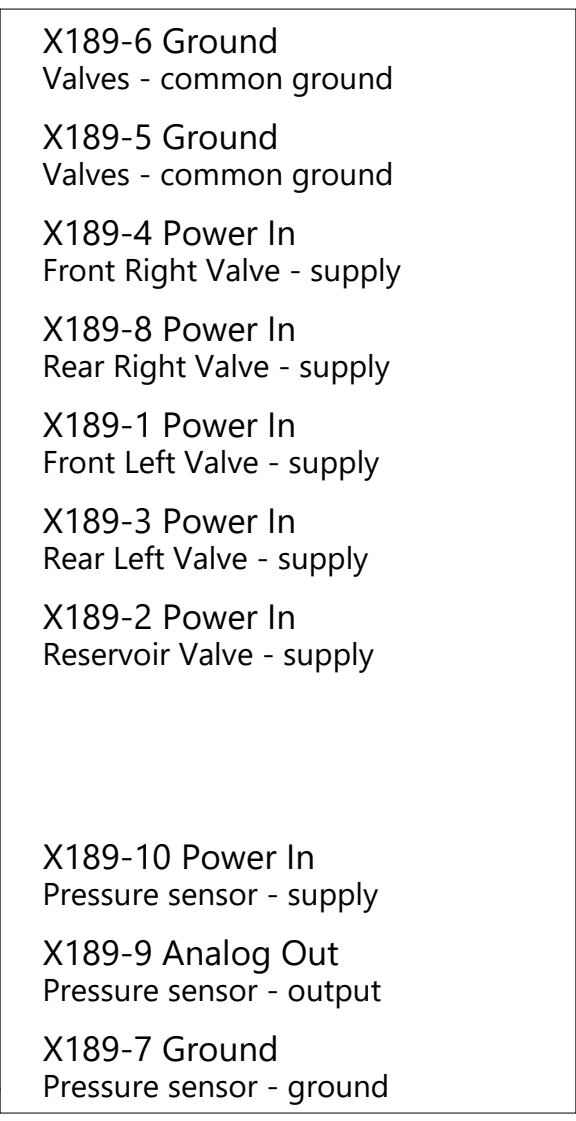
X025
Ride Height Sensor RR
X,XT X086



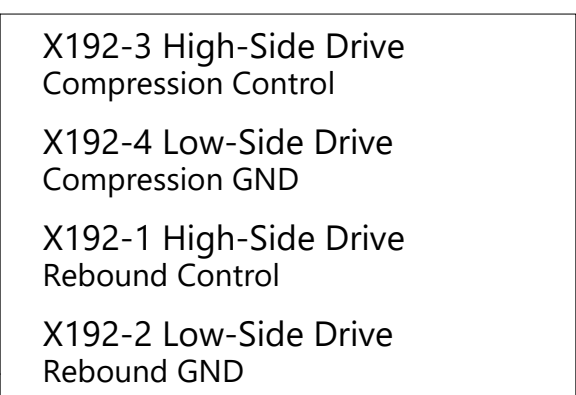
Air Suspension Controller
W X176 X177 X178 X179



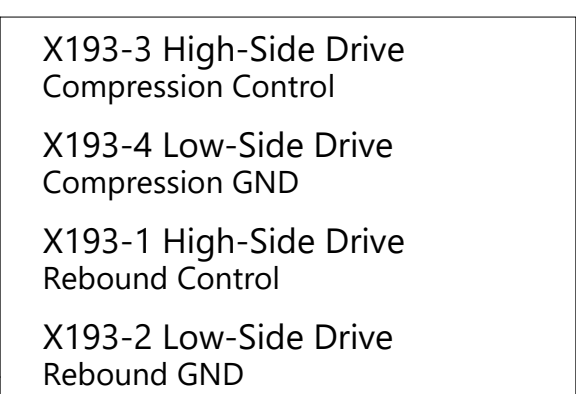
Air Suspension Valve Block
W X189



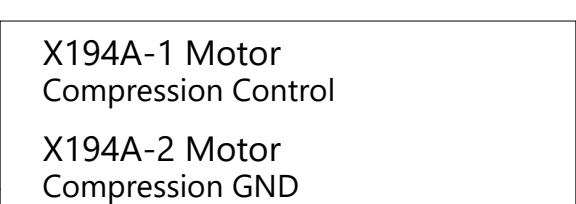
Damper Valve Inline LF
W X192



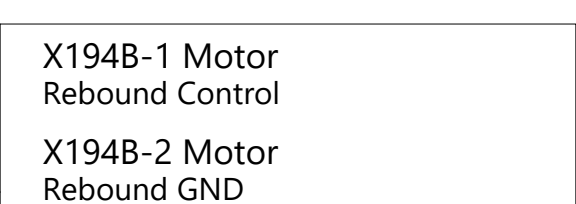
Damper Valve Inline RF
W X193



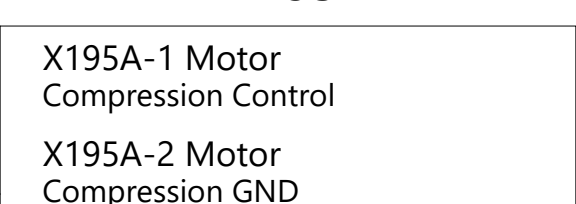
Damper Valve Comp LR
XL X194A



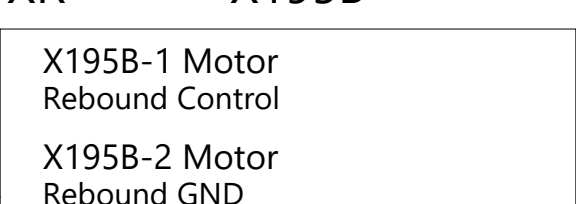
Damper Valve Reb LR
XL X194B



Damper Valve Comp RR
XR X195A



Damper Valve Reb RR
XR X195B



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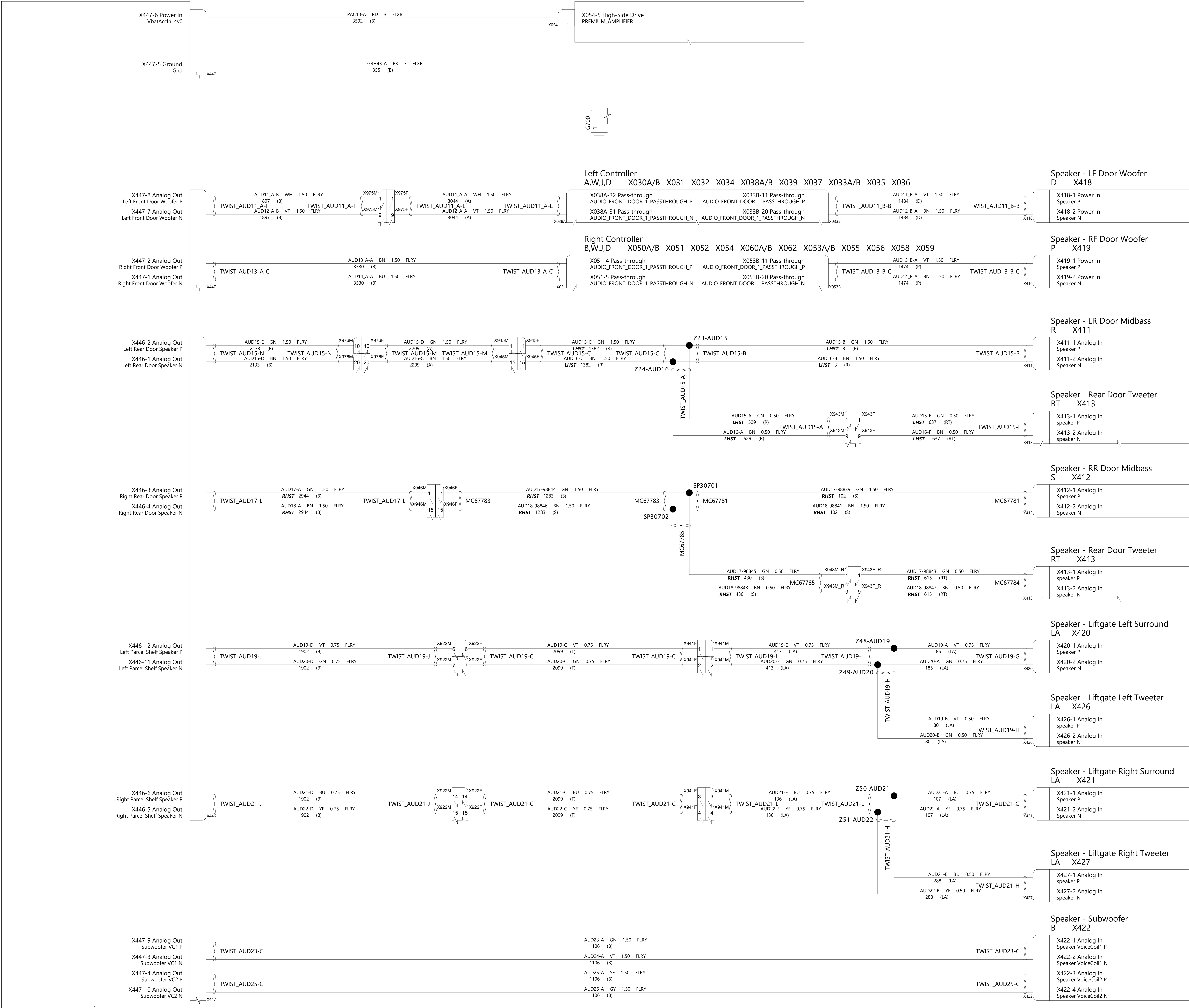
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PART NAME Air Suspension

PART NUMBER	REV 3	SHEET 4 of 61	SIZE A0
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External Amplifier
B X446 X447 X448

Right Controller
B,W,J,D X050A/B X051 X052 X054 X060A/B X062 X053A/B X055 X056 X058 X059



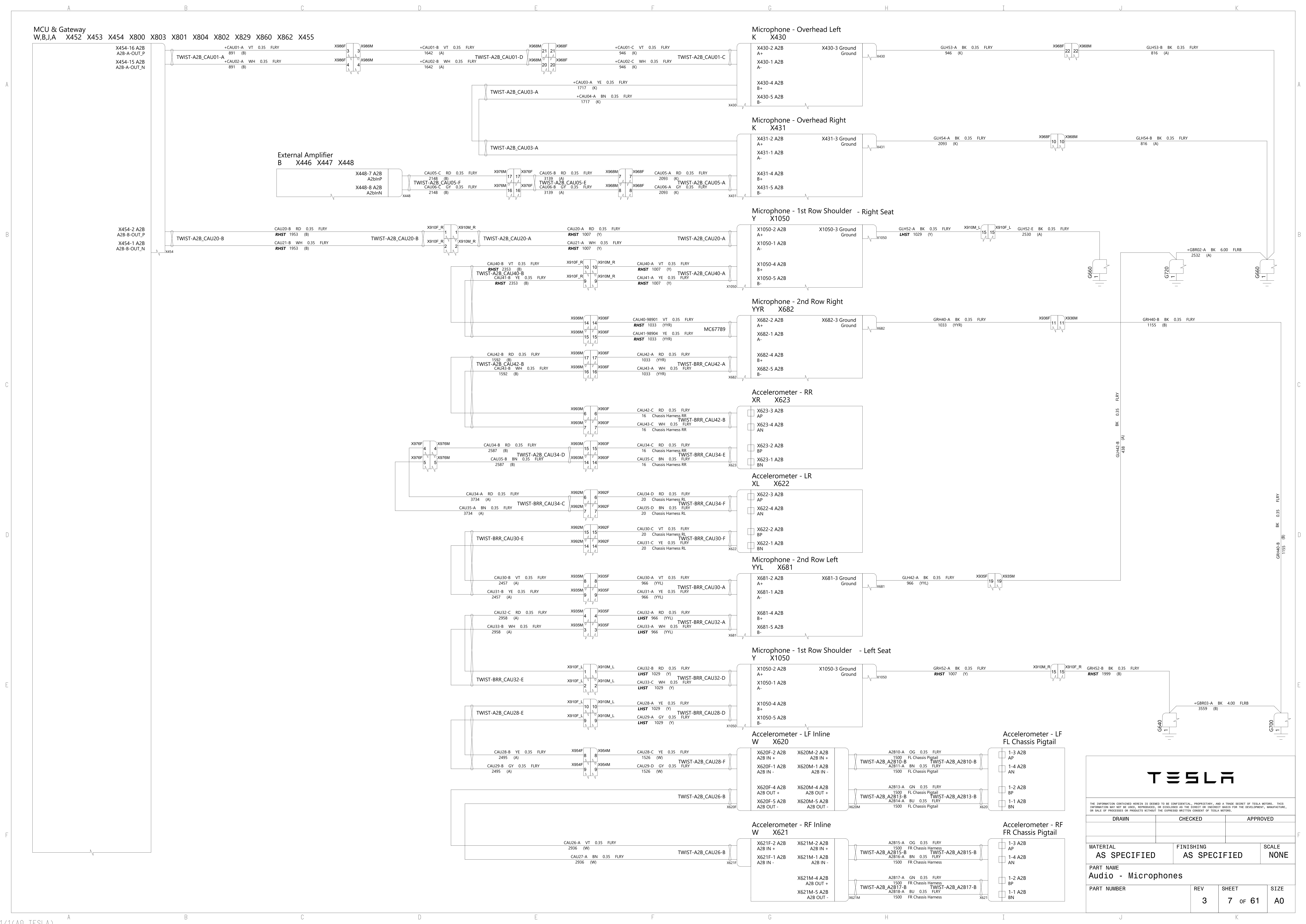
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DRAWN	CHECKED	APPROVED	
MATERIAL		FINISHING	SCALE
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PART NAME			
Audio - External Amp			
PART NUMBER	REV	SHEET	SIZE
	3	5 OF 61	A0



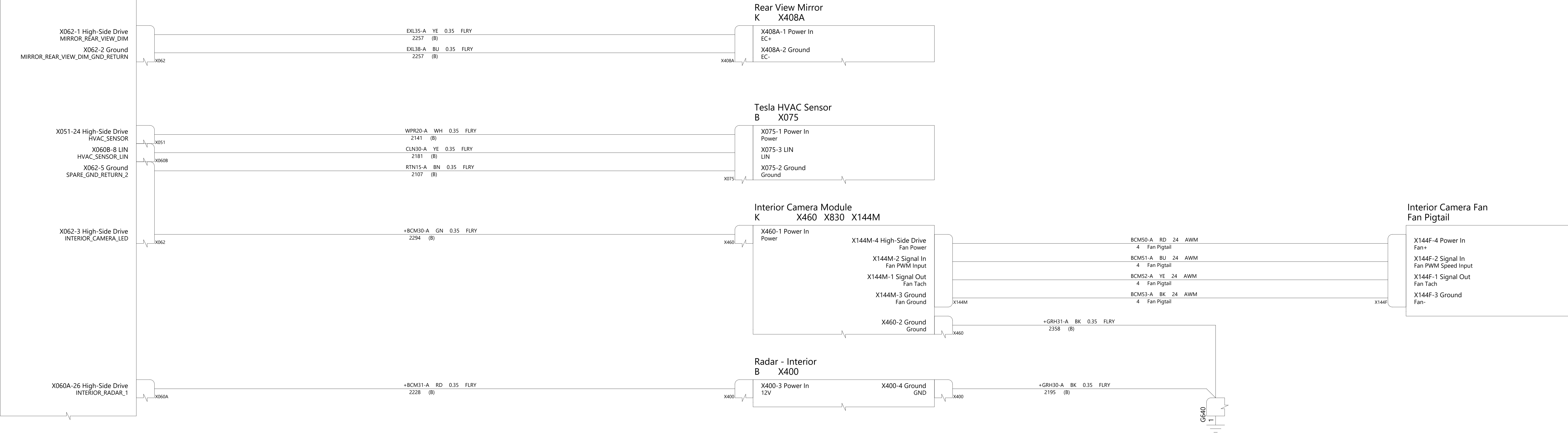
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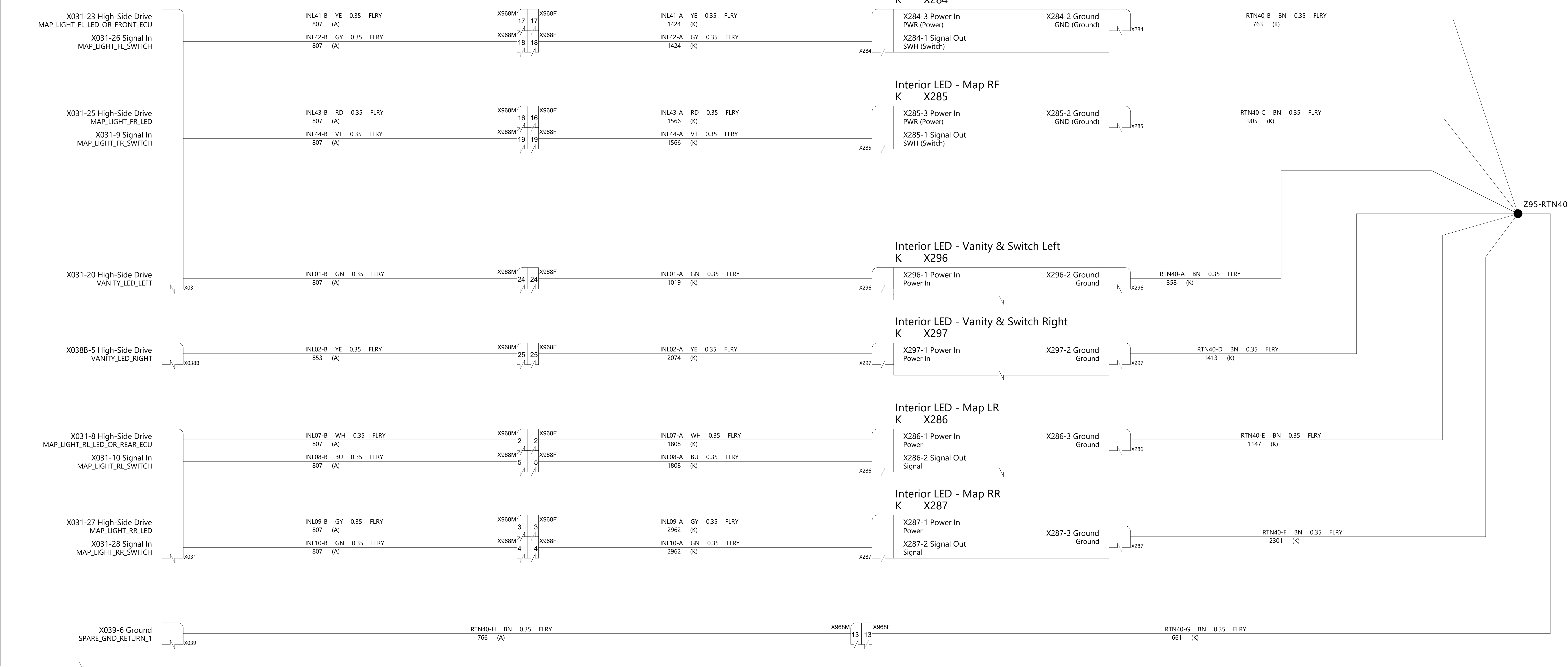
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PART NAME Audio - MCU Amp & Radio		
PART NUMBER	REV 3	SHEET 6 of 61
		SIZE A0



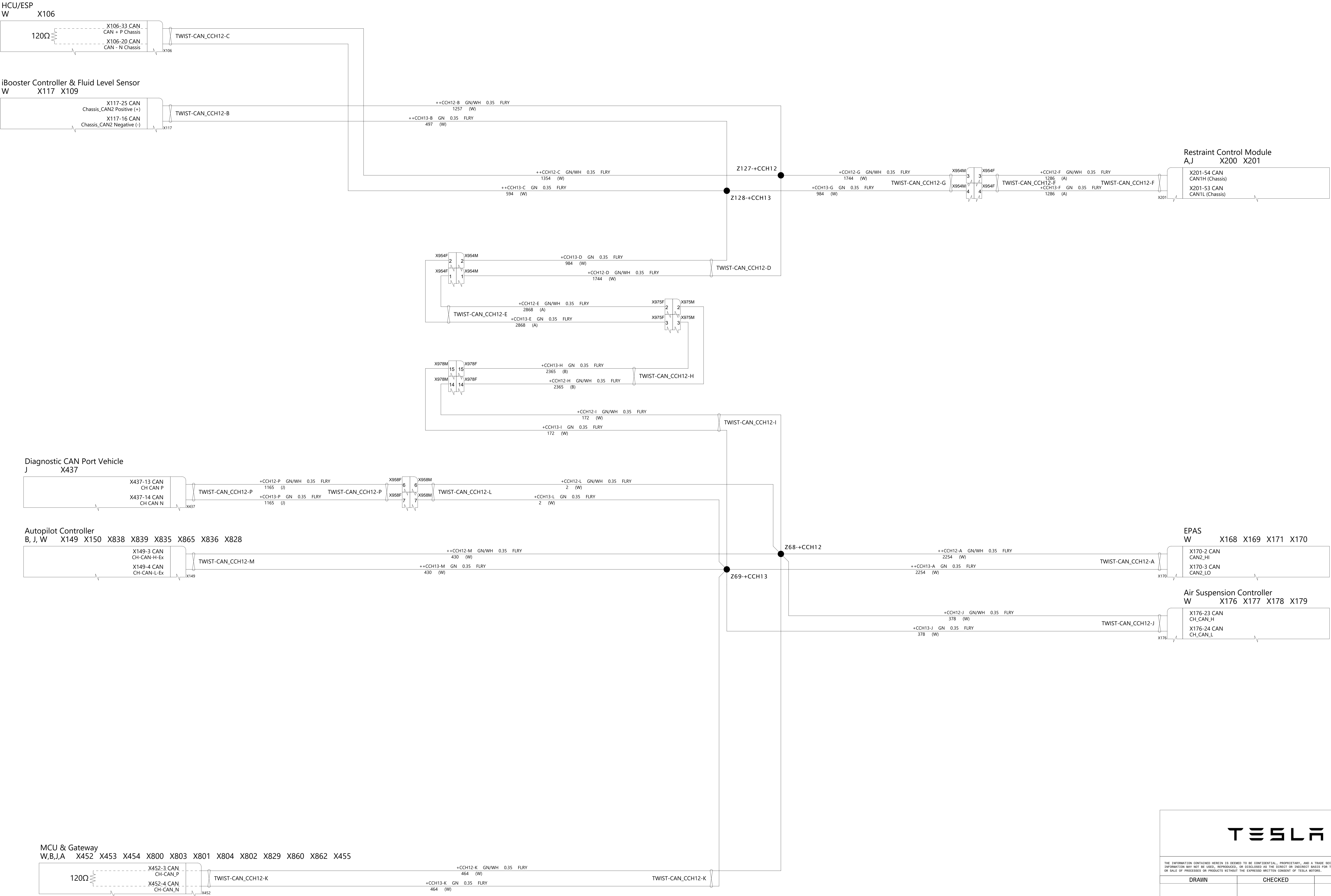
Right Controller
B,W,J,D X050A/B X051 X052 X054 X060A/B X062 X053A/B X055 X056 X058 X059



Left Controller
A,W,J,D X030A/B X031 X032 X034 X038A/B X039 X037 X033A/B X035 X036



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DRAWN		CHECKED	APPROVED
MATERIAL		FINISHING	SCALE
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PART NAME			
Cabin Overhead			
PART NUMBER		REV	SHEET
		3	9 OF 61
			SIZE
			A0



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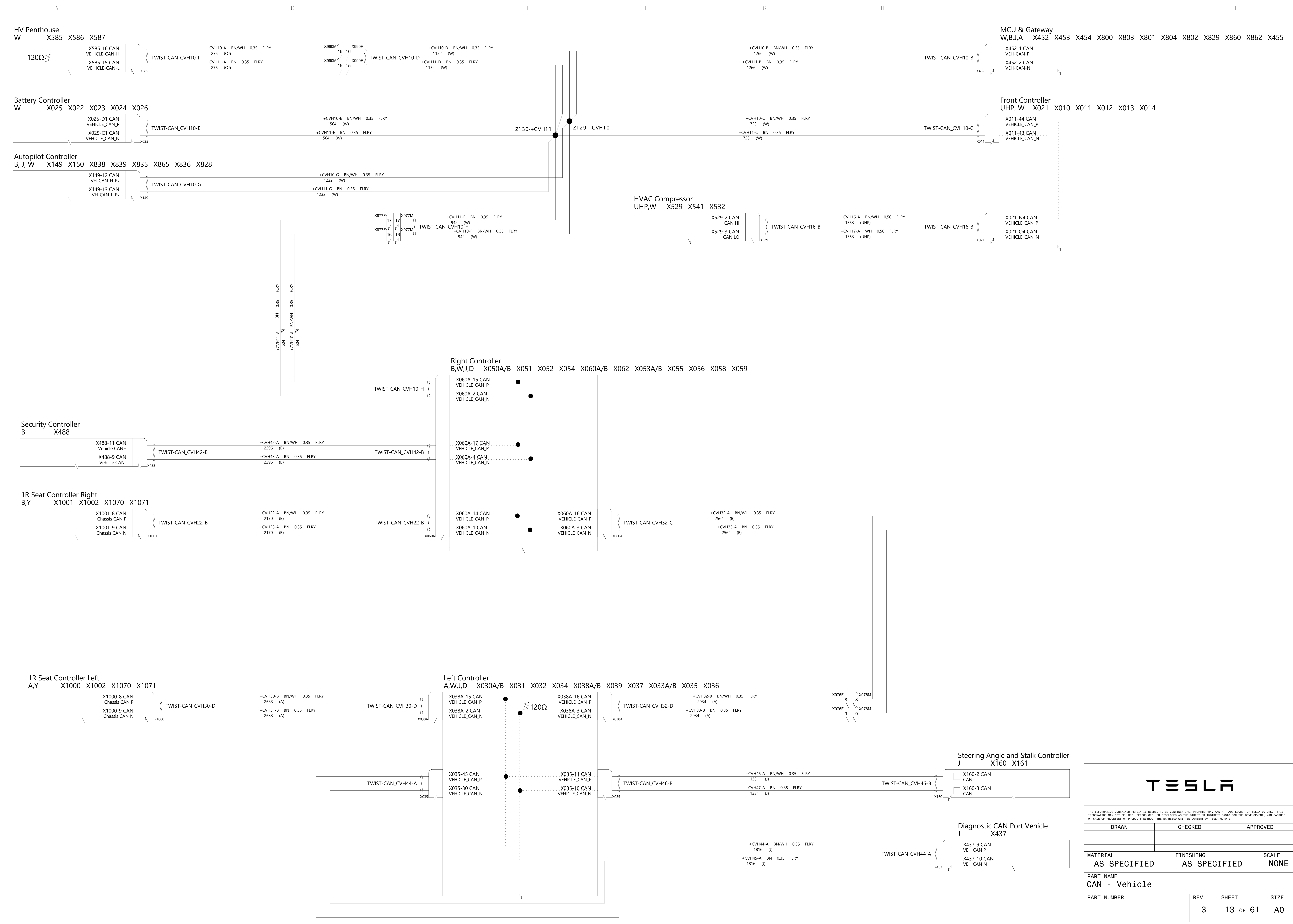
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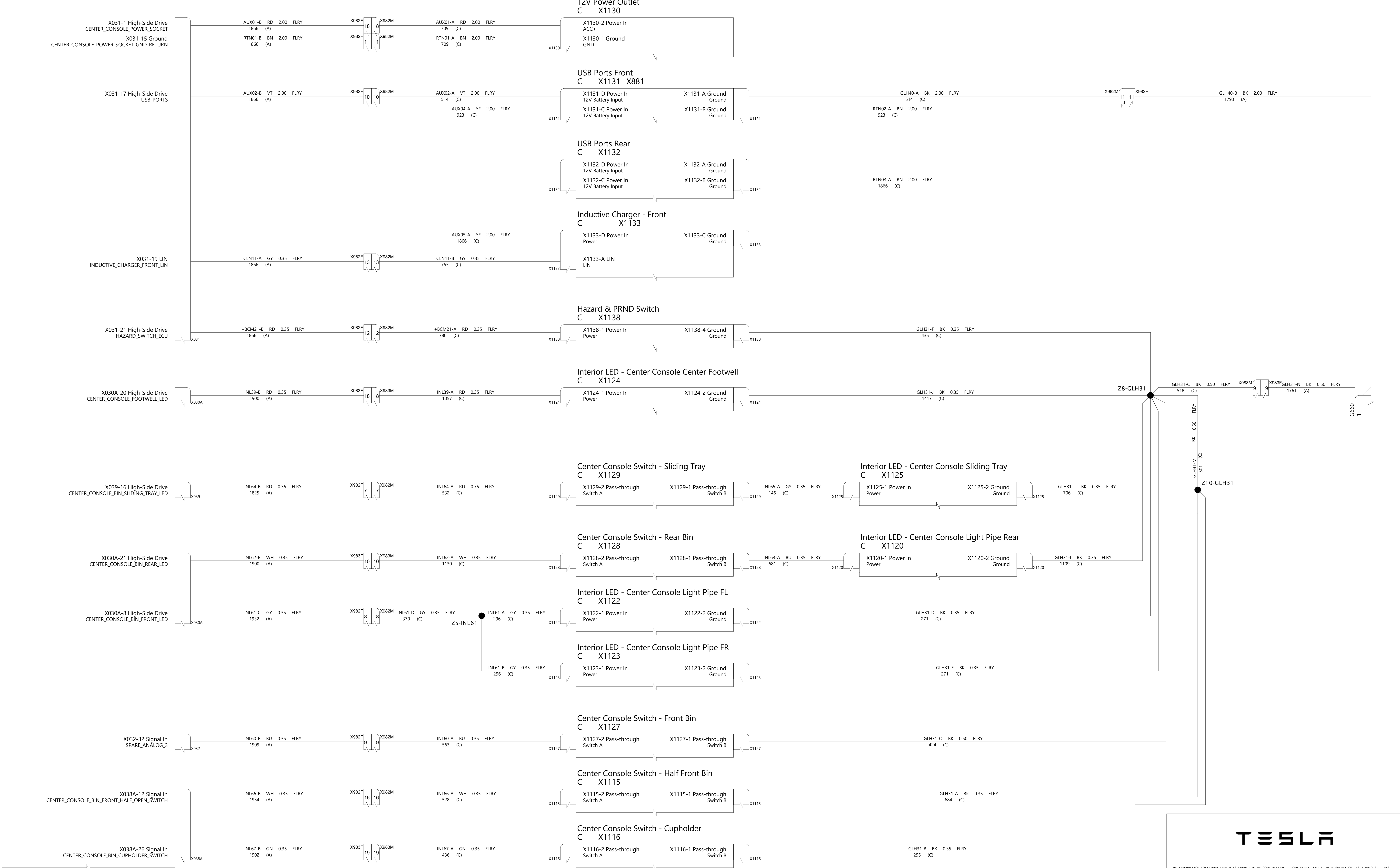
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PART NAME
CAN - Chassis

PART NUMBER	REV	SHEET	SIZE
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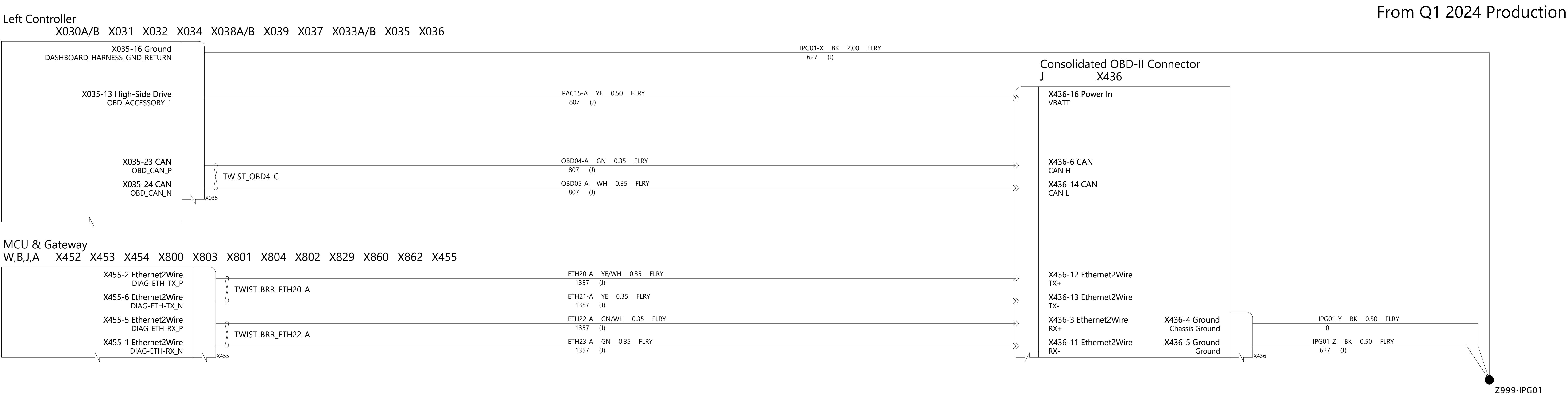
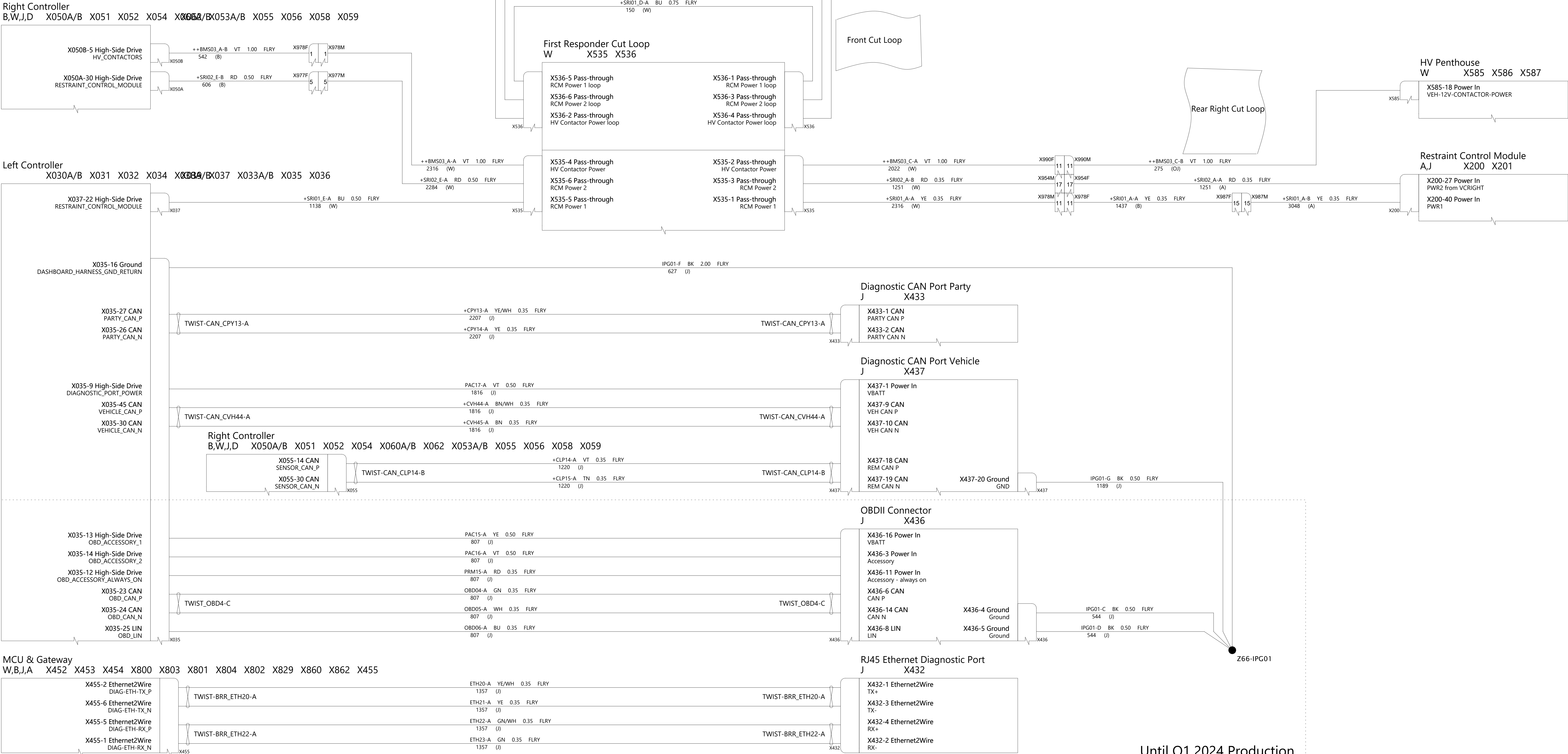


Left Controller
A,W,J,D X030A/B X031 X032 X034 X038A/B X039 X037 X033A/B X035 X036



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Center Console			
PART NUMBER	REV	SHEET	SIZE
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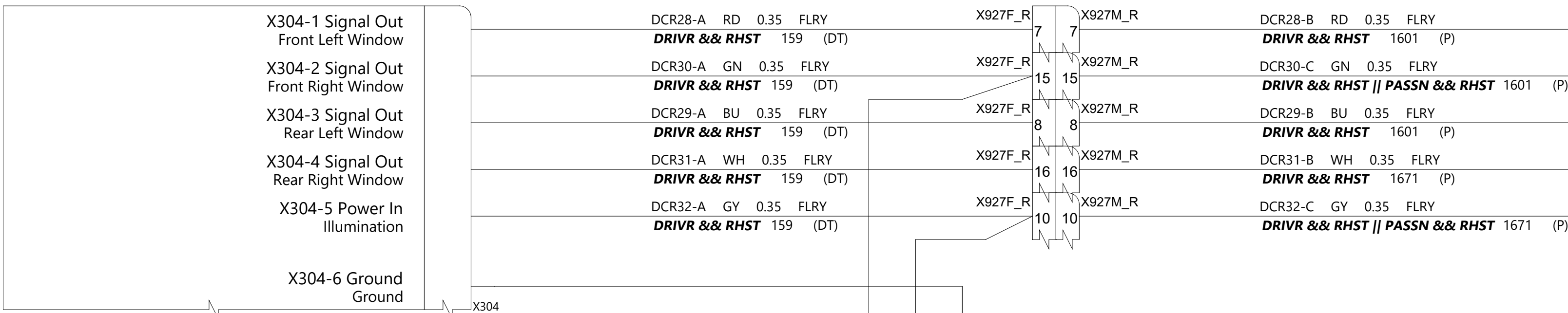


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PART NAME Diagnostics & Cut Loop			
PART NUMBER	REV 3	SHEET 15 OF 61	SIZE A0

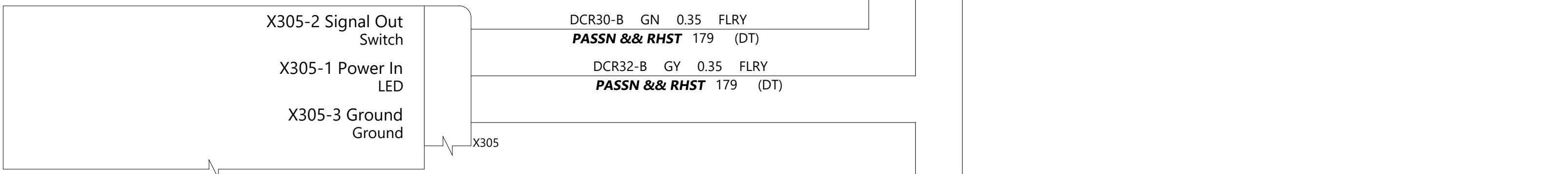
Shared door trim harness between LF and RF doors



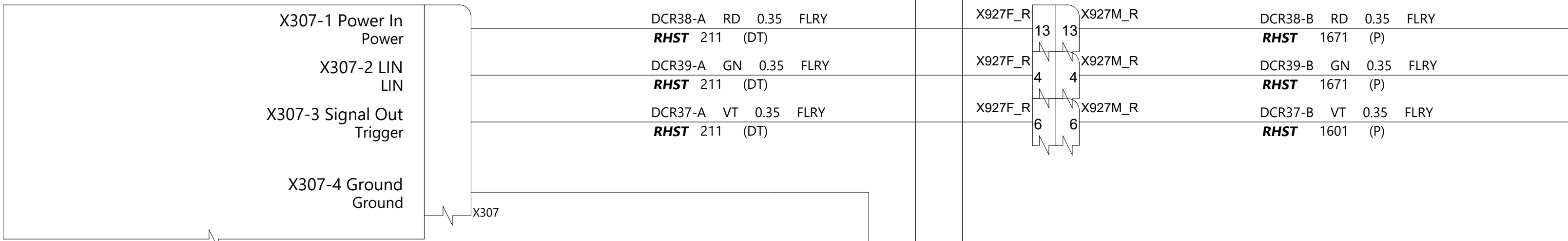
DRIVR
Window Switchpack - Driver Front
DT X304



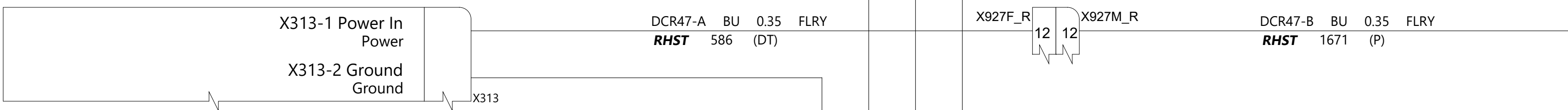
PASSN
Window Switch - Passenger Front
DT X305



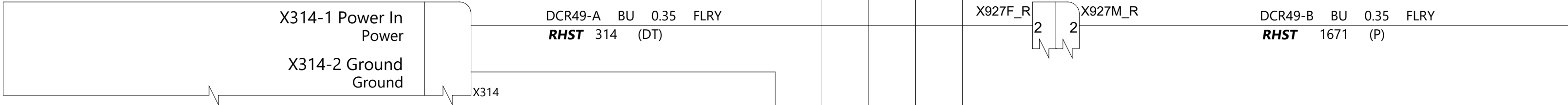
Door Handle Interior Controller Front
DT X307



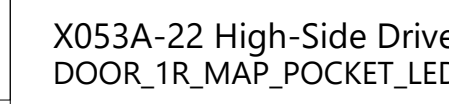
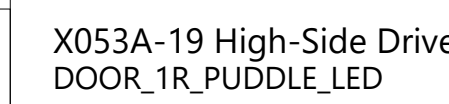
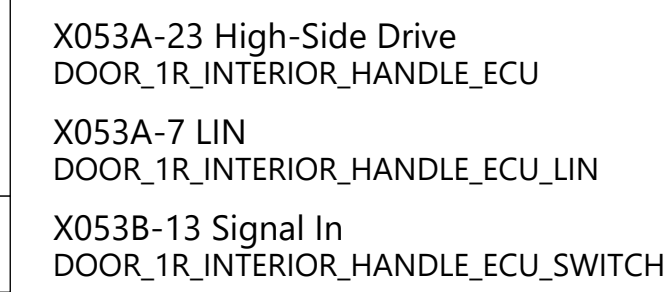
Puddle LED - Door Front
DT X313



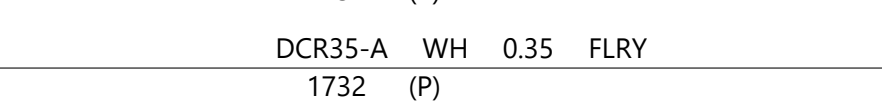
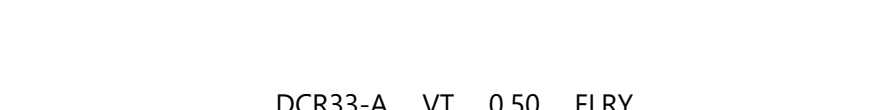
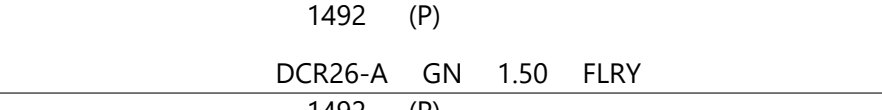
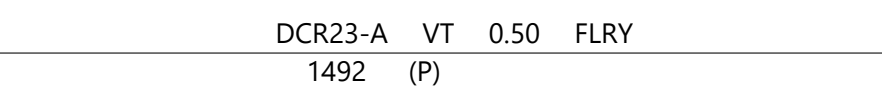
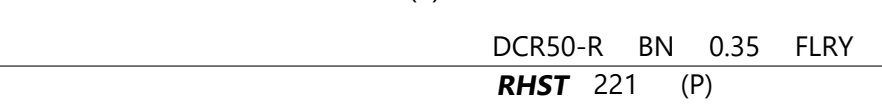
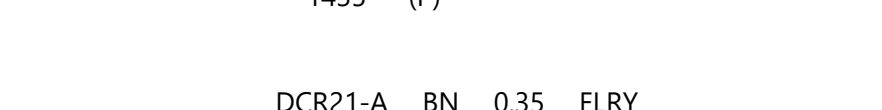
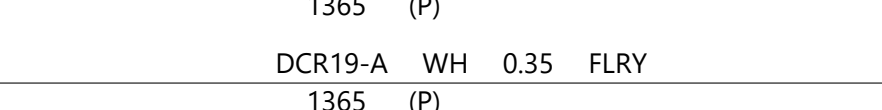
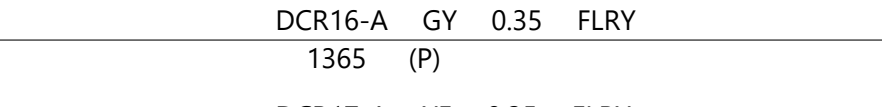
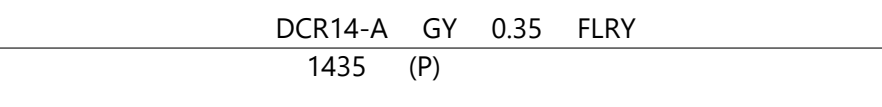
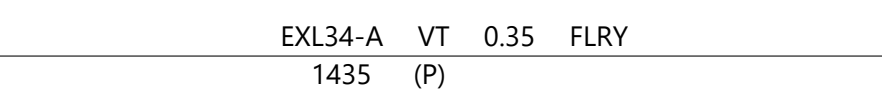
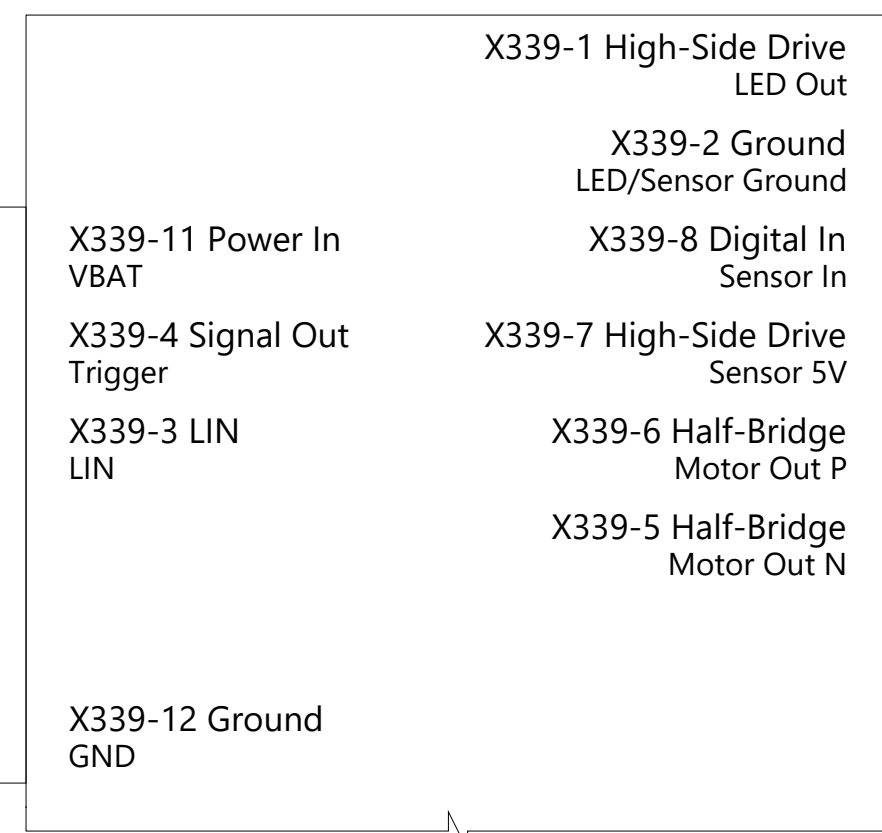
Interior LED - Map Pocket Left
DT X314



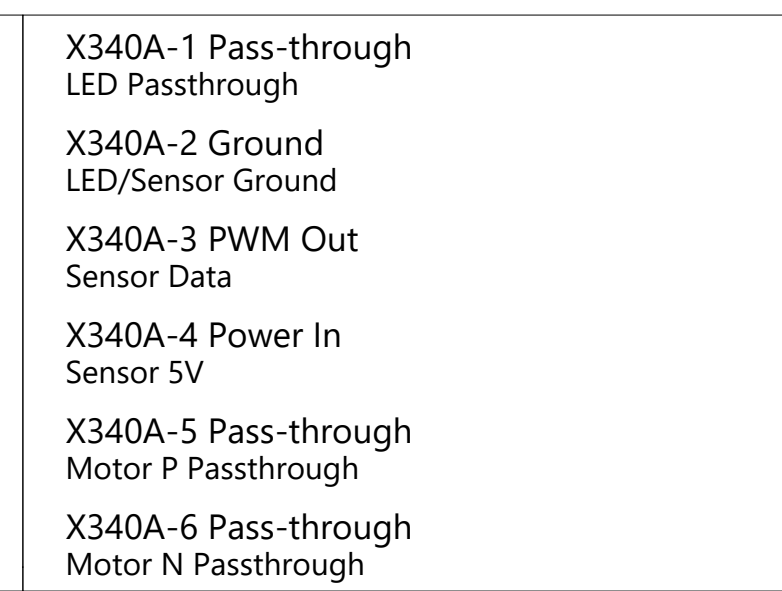
Right Controller
B,W,J,D X050A/B X051 X052 X054 X060A/B X062 X053A/B X055 X056 X058 X059



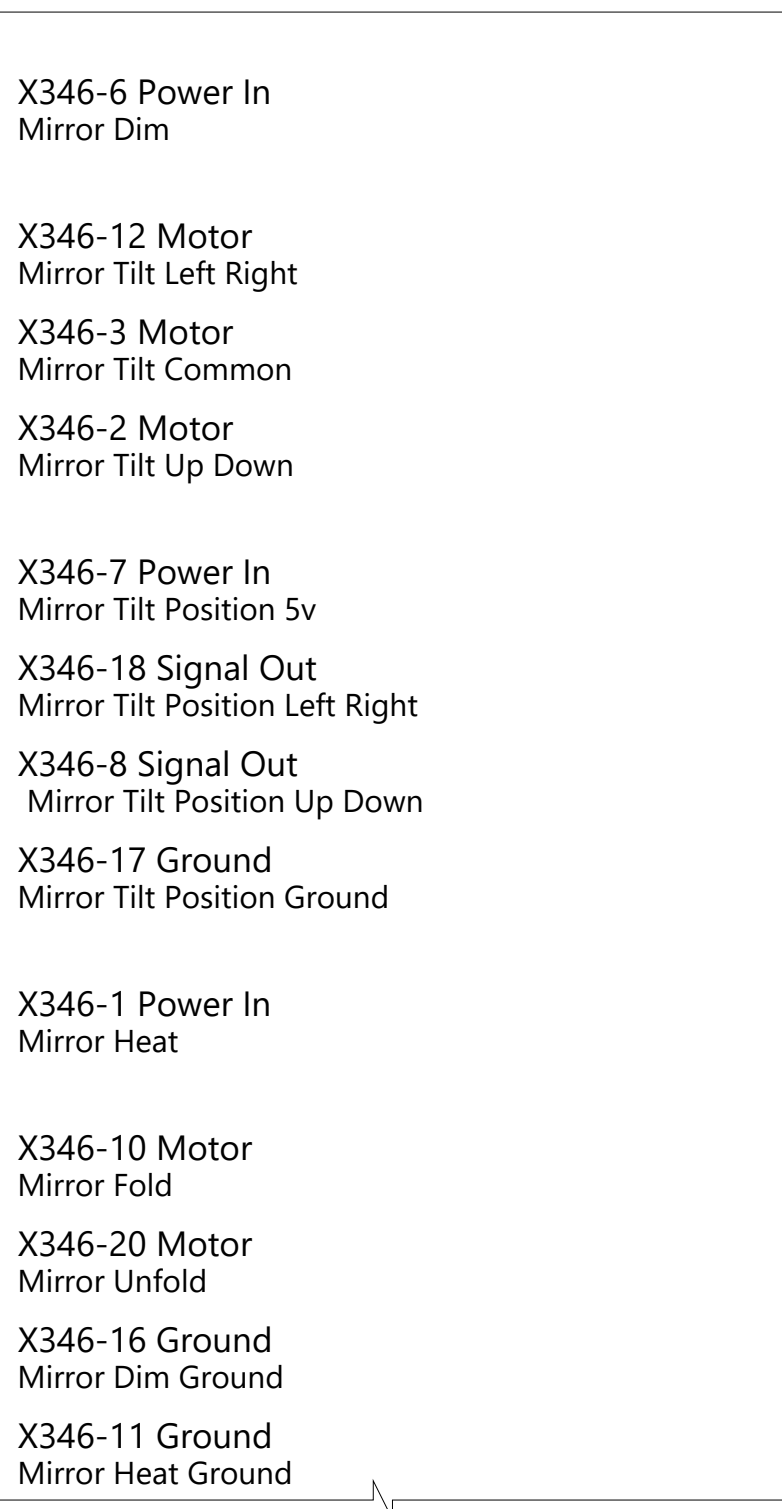
Door Handle Controller - RF
P X339



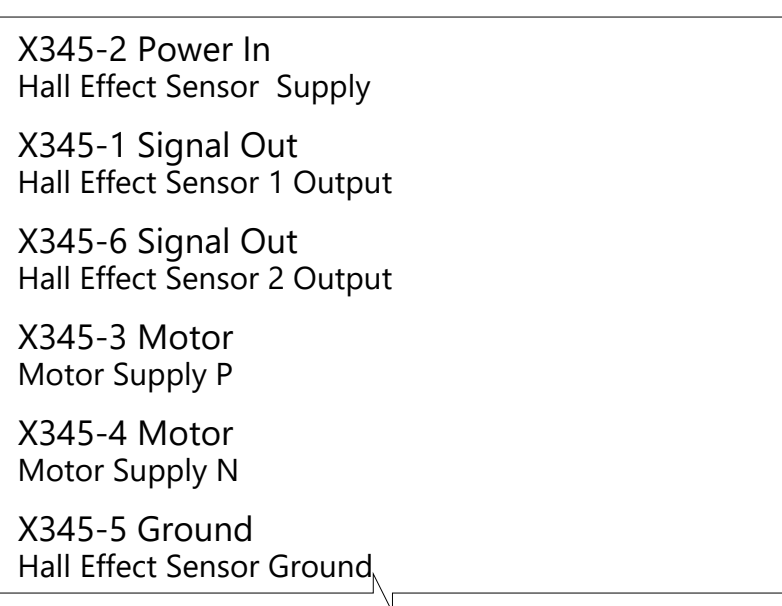
Door Handle - RF
P X340A



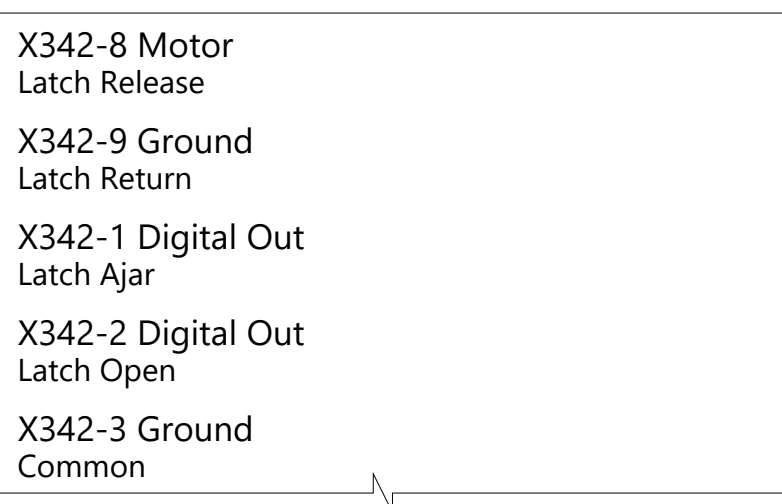
Mirror Side Right
P X346



Window Motor RF
P X345



Door Latch - RF
P X342



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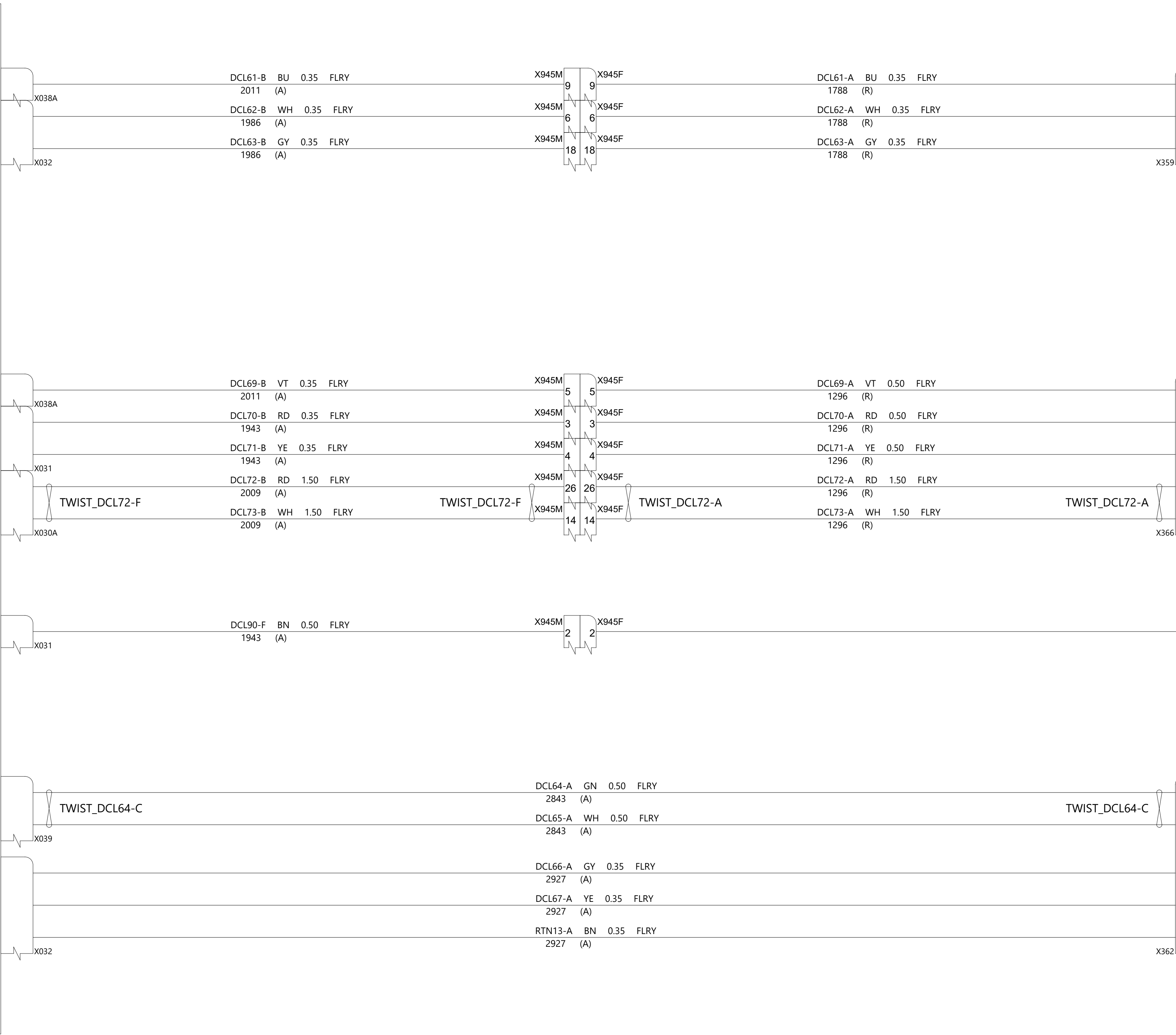
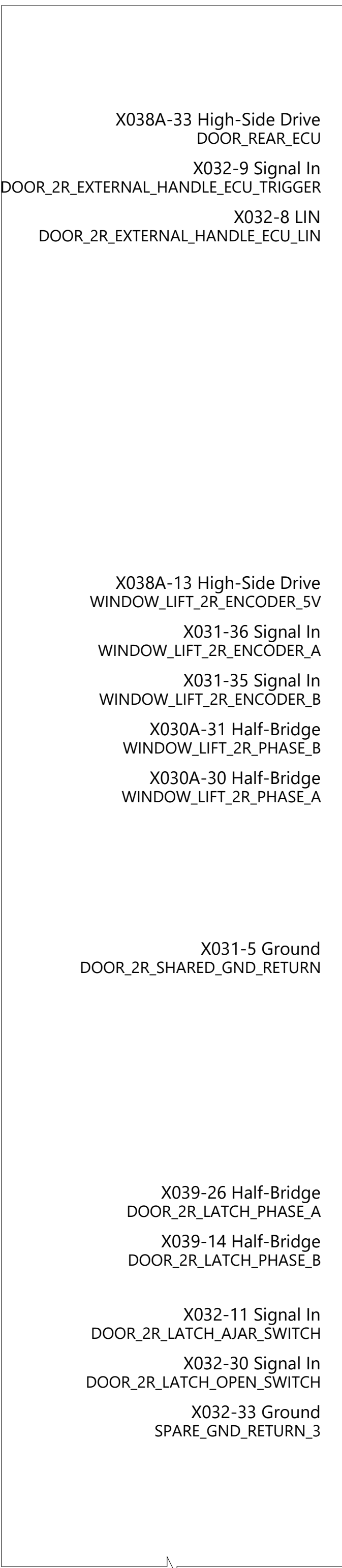
DRAWN	CHECKED	APPROVED

MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
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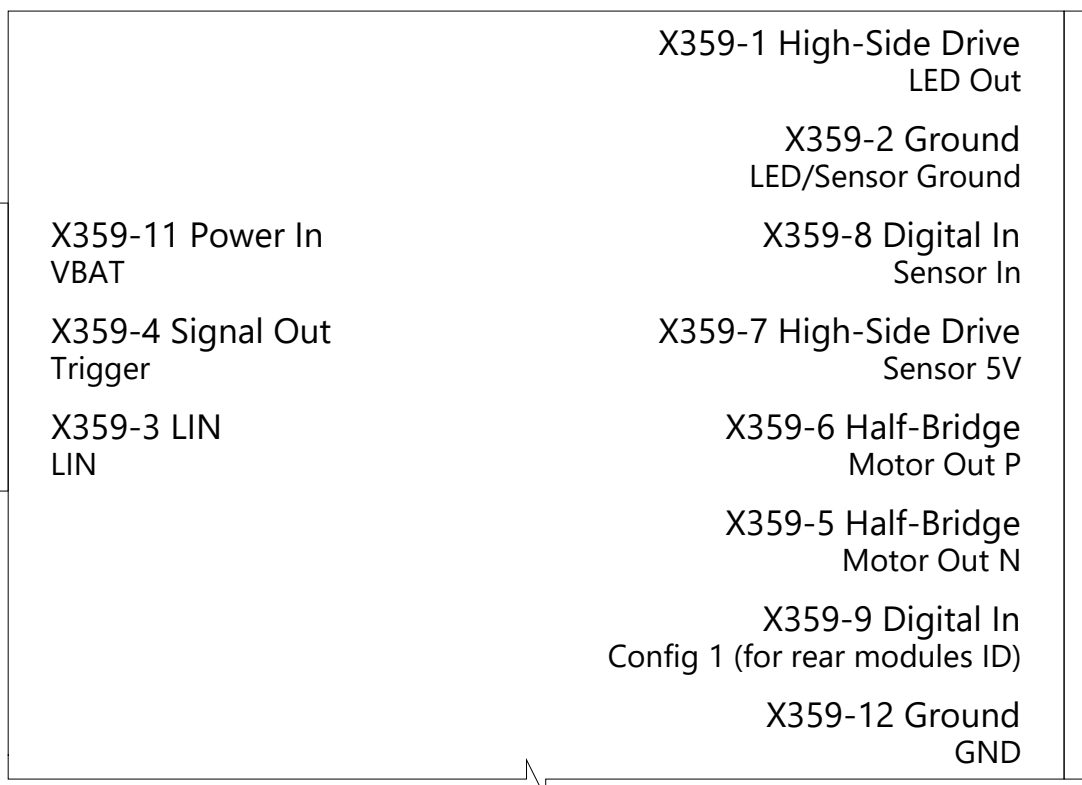
PART NAME Doors - Front Right

PART NUMBER	REV 3	SHEET 17 of 61	SIZE A0
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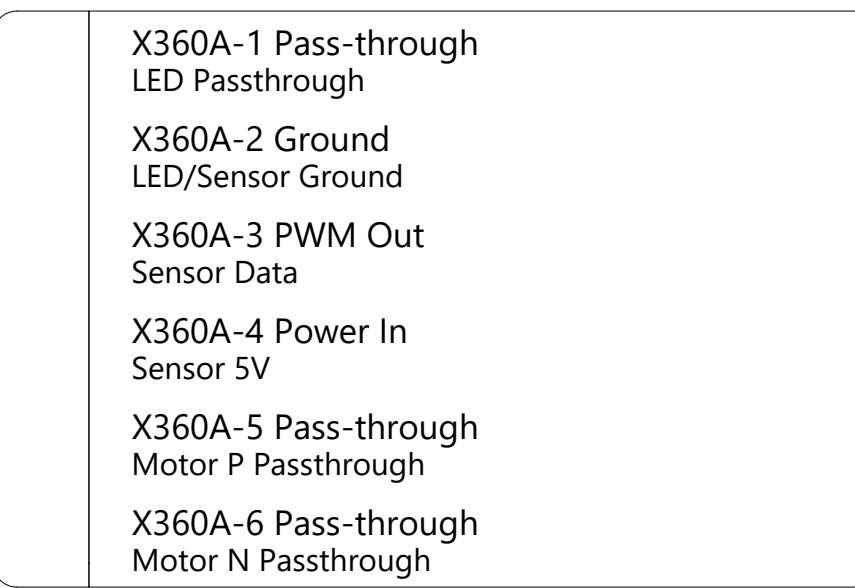
Left Controller
A,W,J,D X030A/B X031 X032 X034 X038A/B X039 X037 X033A/B X035 X036



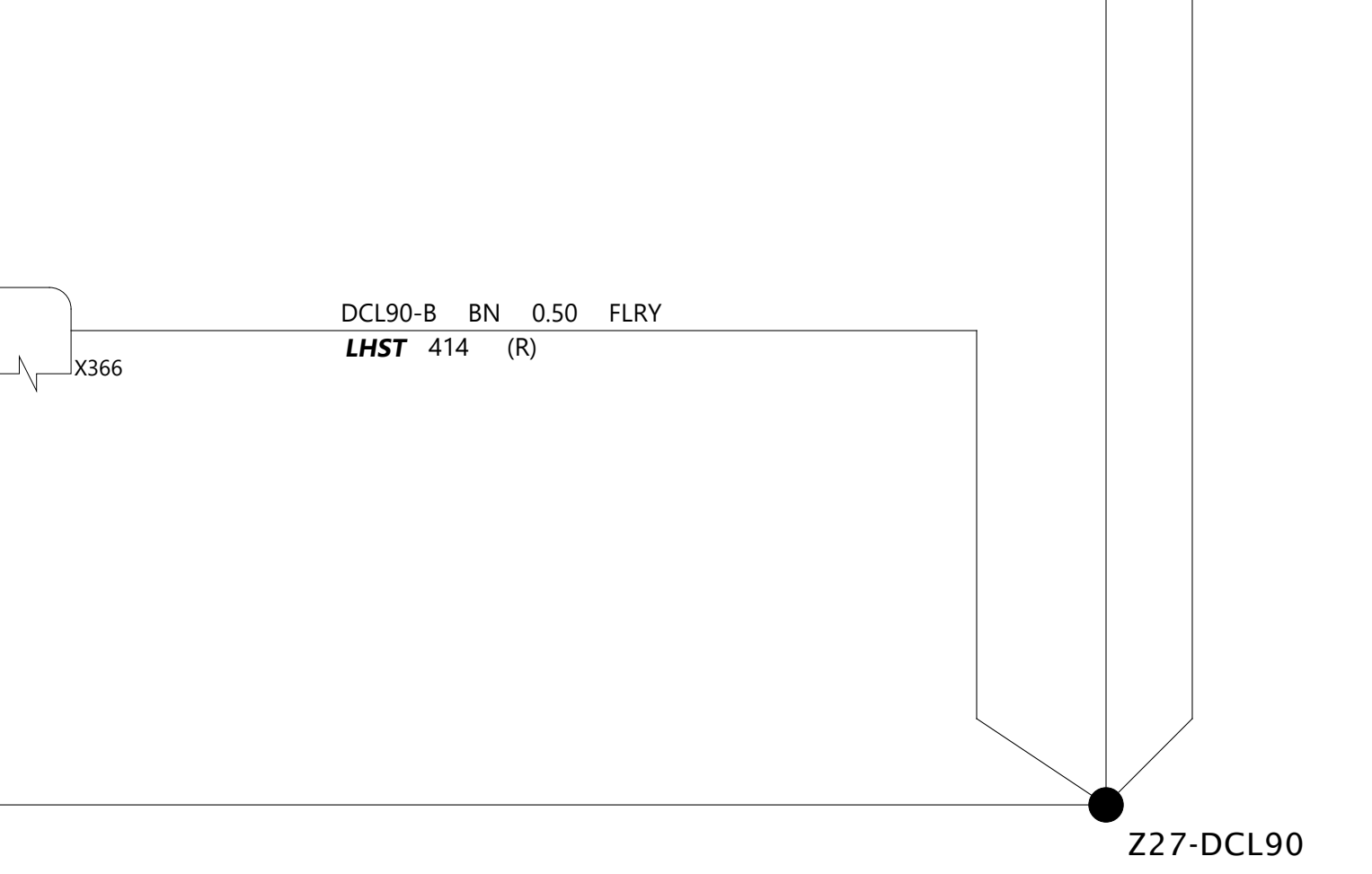
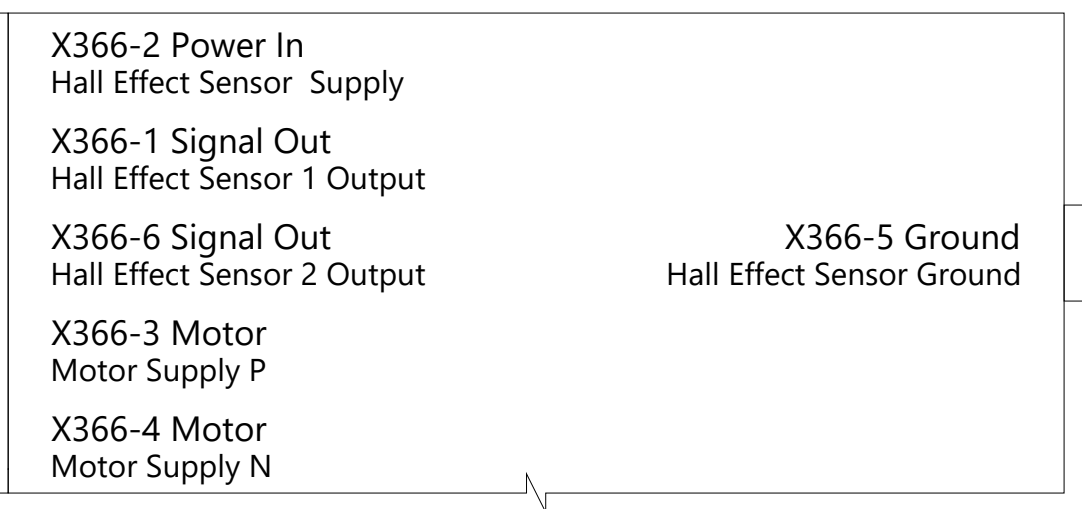
Door Handle Controller - LR
R X359



Door Handle - LR
R X360A



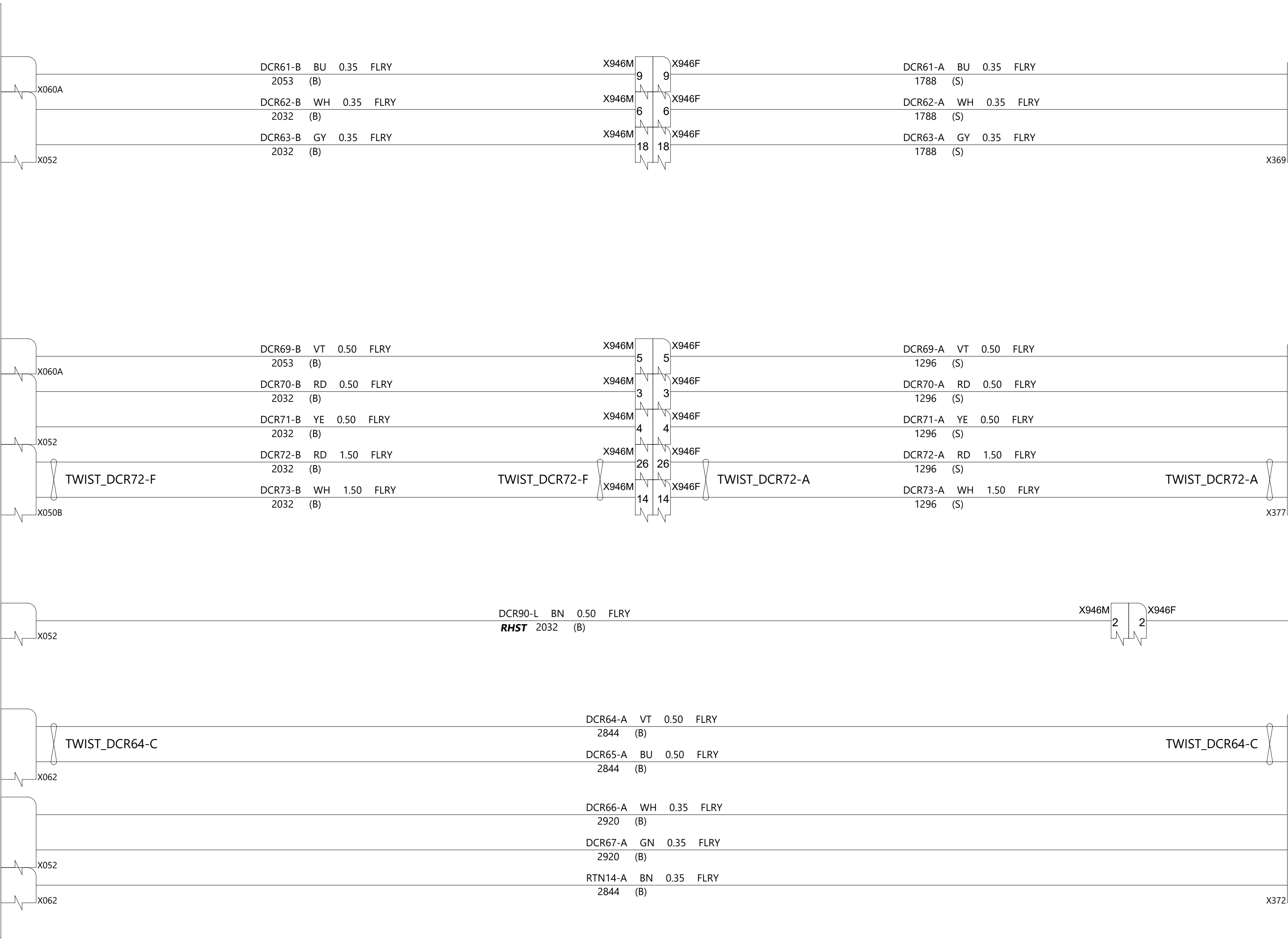
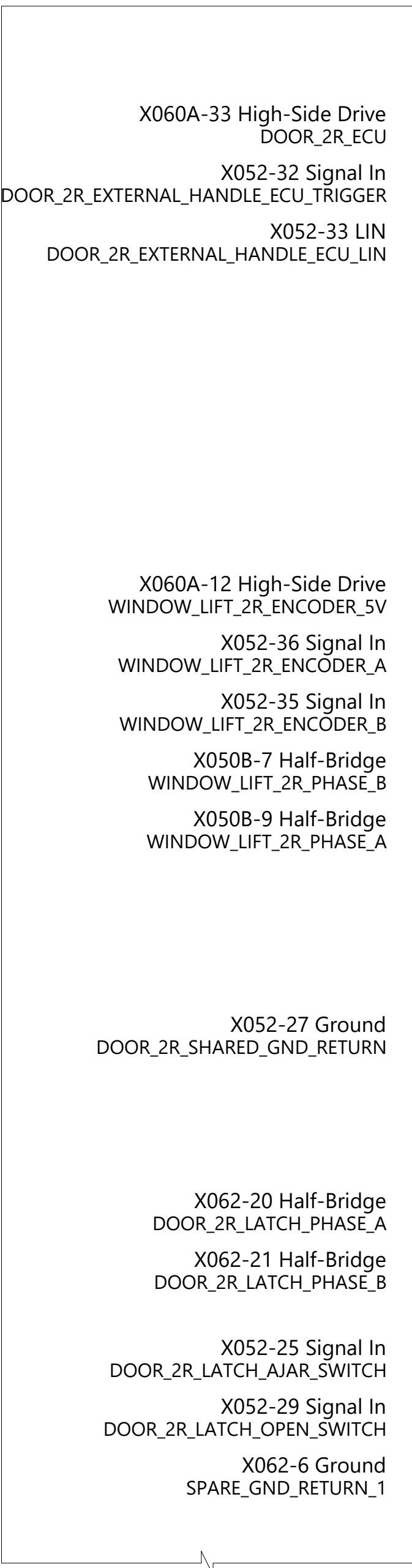
Window Motor LR
R X366



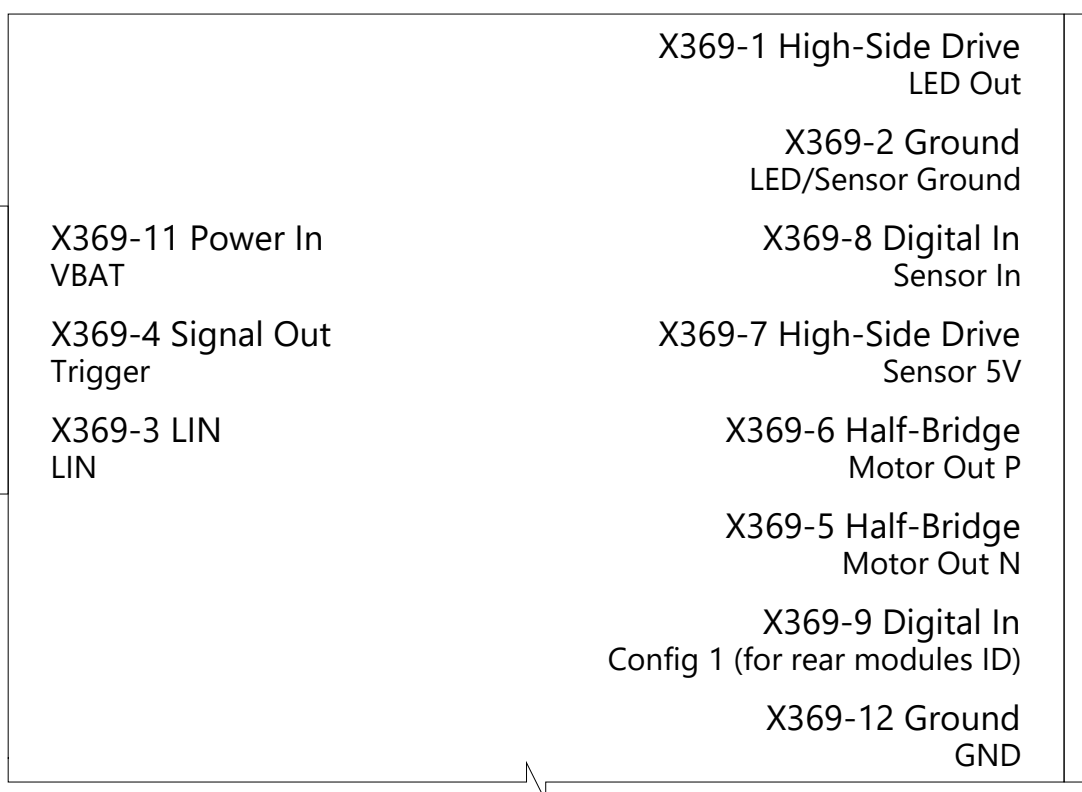
Door Latch - LR
A X362



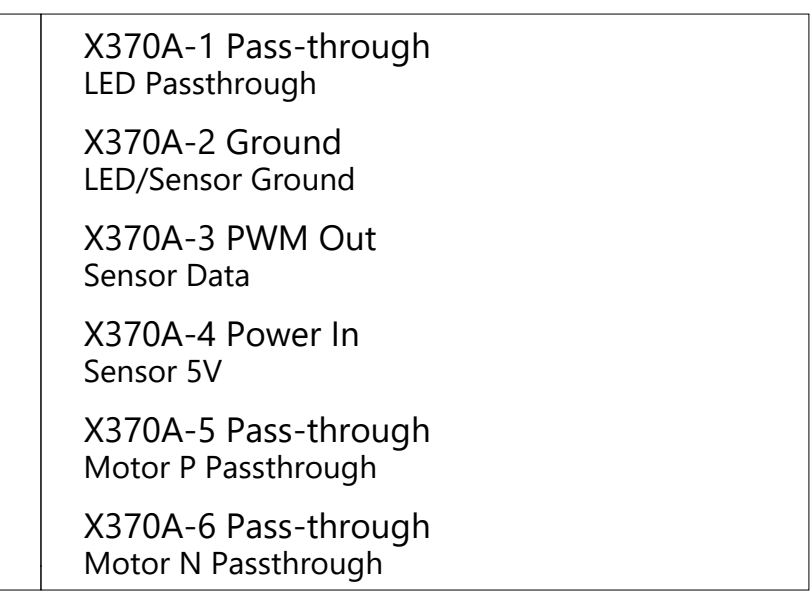
Right Controller
B,W,J,D X050A/B X051 X052 X054 X060A/B X062 X053A/B X055 X056 X058 X059



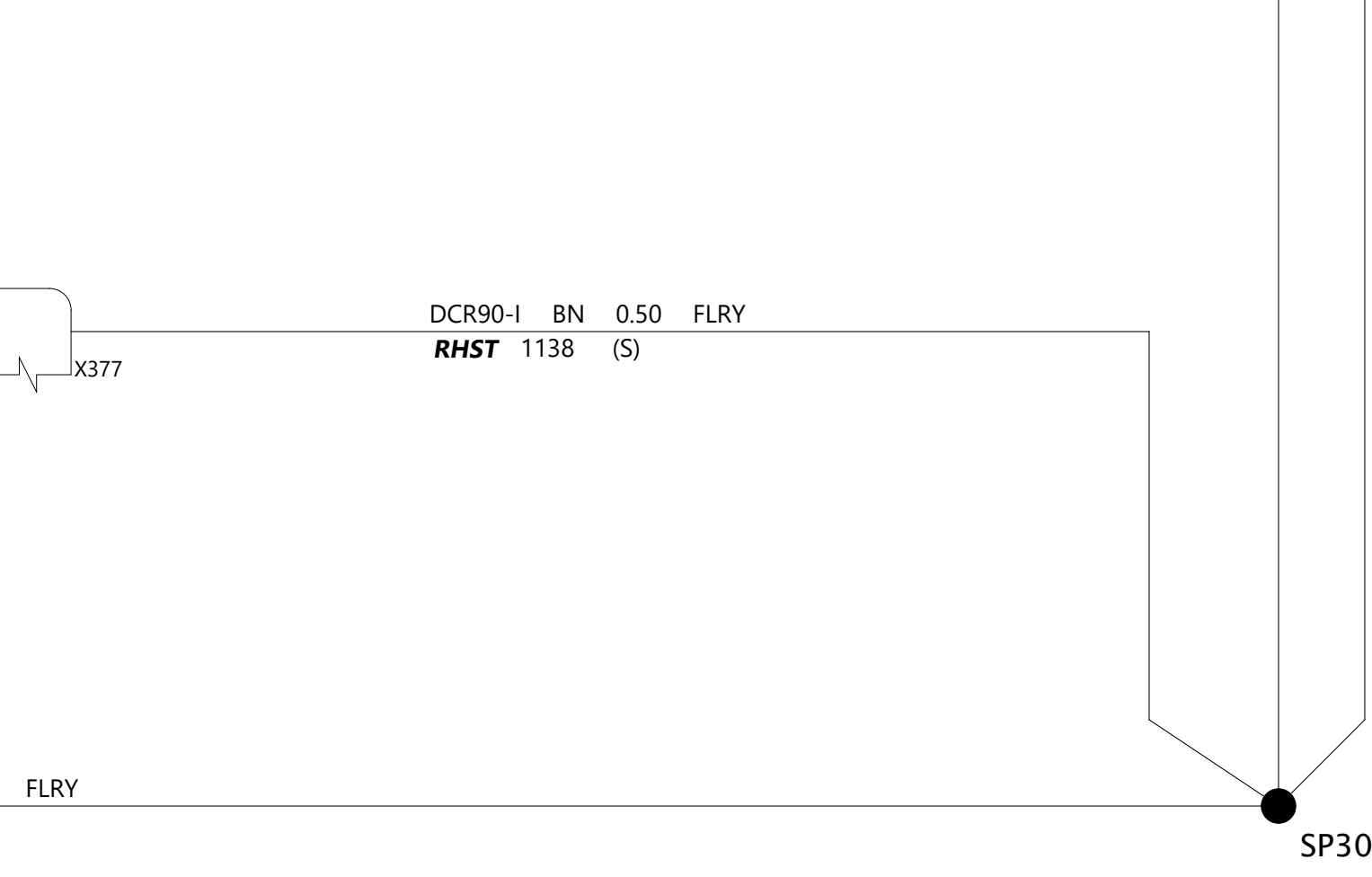
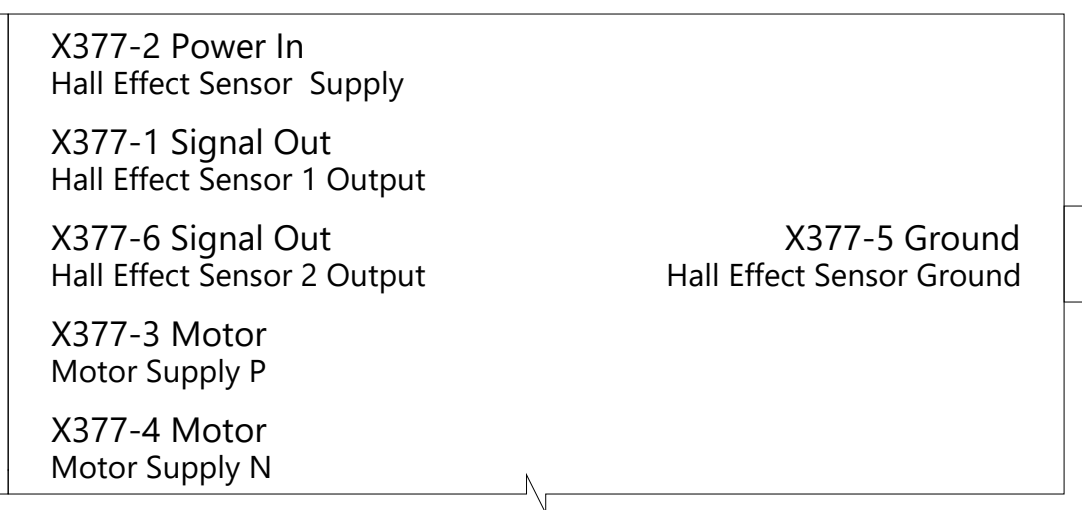
Door Handle Controller - RR
S X369



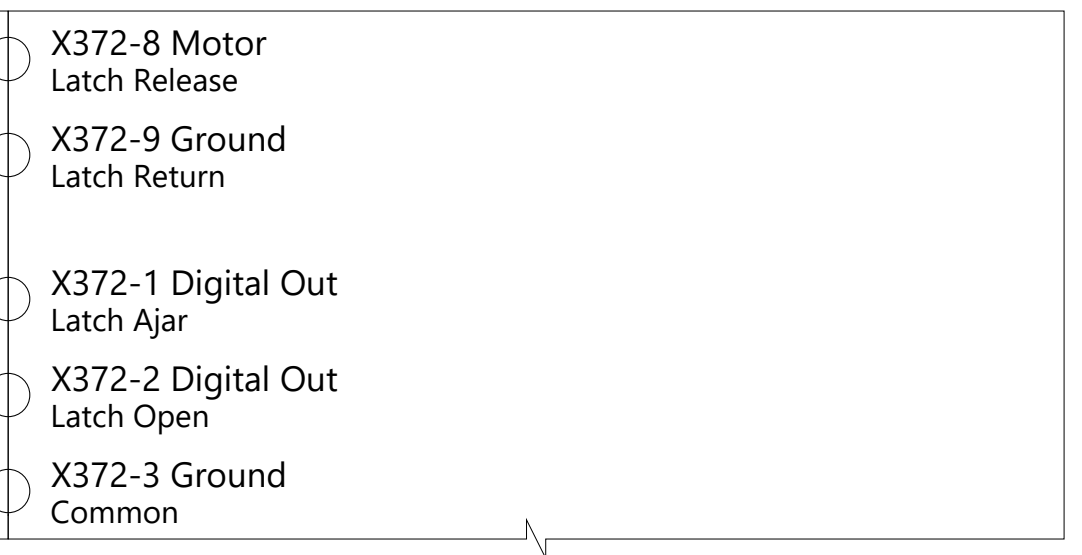
Door Handle - RR
S X370A



Window Motor RR
S X377



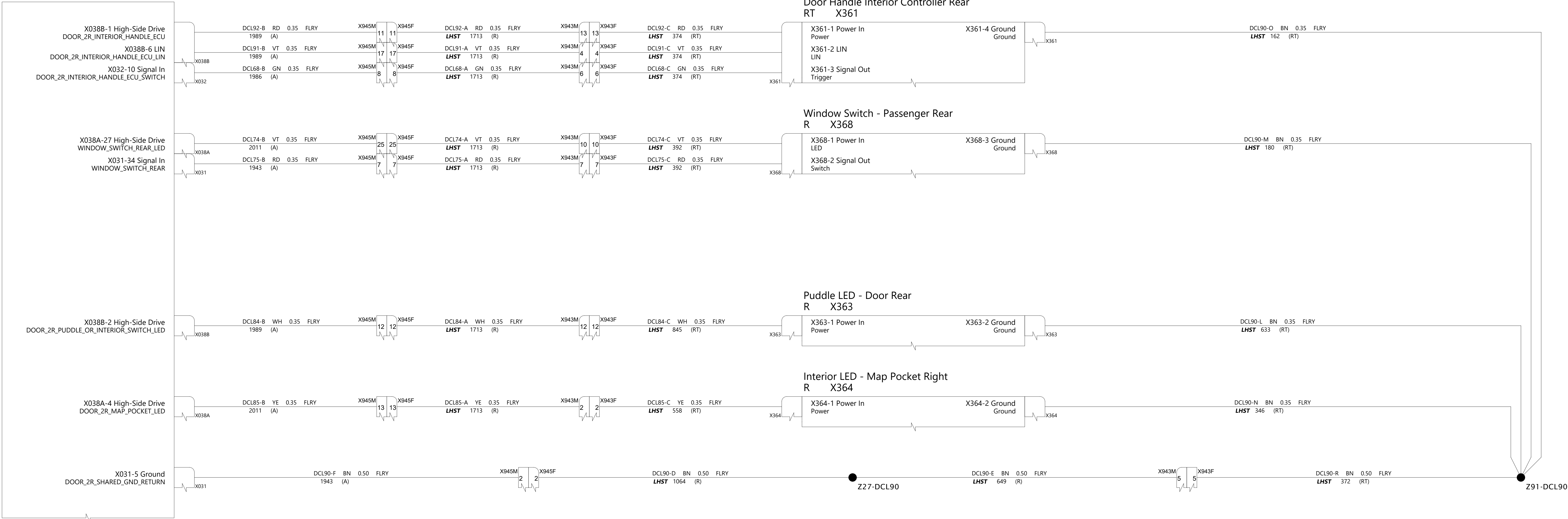
Door Latch - RR
B X372



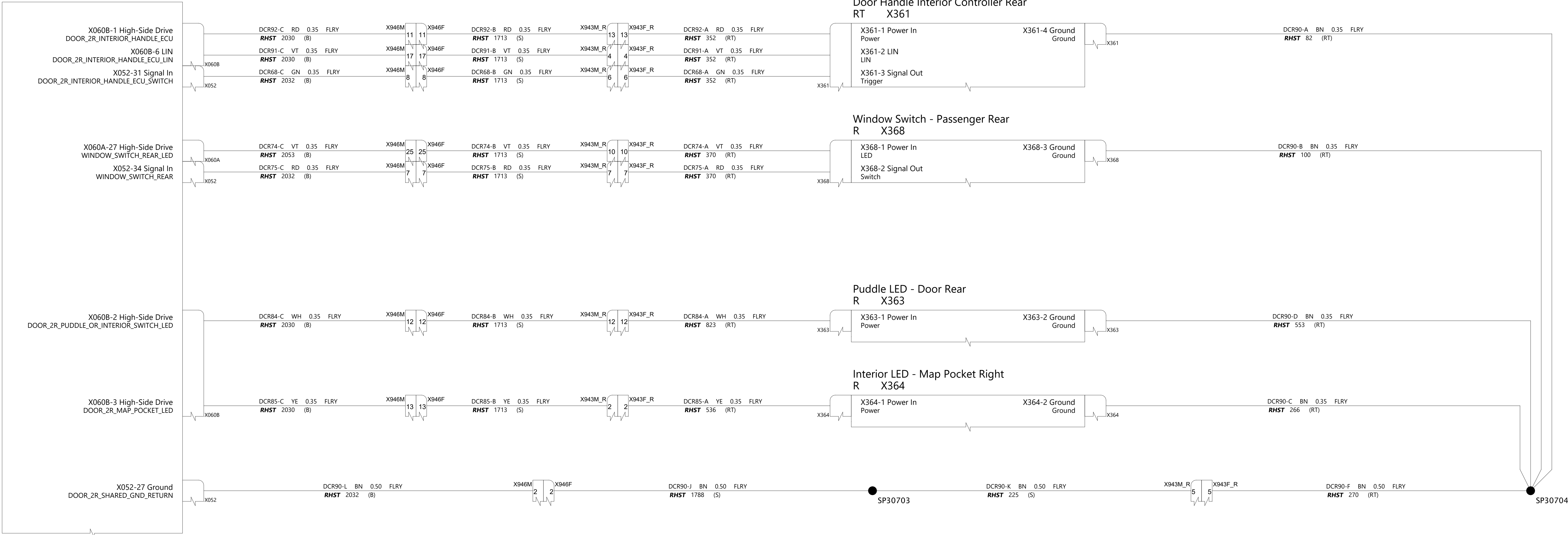
TESLA			
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DRAWN		CHECKED	APPROVED
MATERIAL AS SPECIFIED		FINISHING AS SPECIFIED	SCALE NONE
PART NAME Doors - Rear - Handle Window Latch			
PART NUMBER		REV 3	SHEET 18 of 61
			SIZE A0

SHARED LR & RR DOOR HARNESS

Left Controller
A,W,J,D X030A/B X031 X032 X034 X038A/B X039 X037 X033A/B X035 X036



Right Controller
B,W,J,D X050A/B X051 X052 X054 X060A/B X062 X053A/B X055 X056 X058 X059



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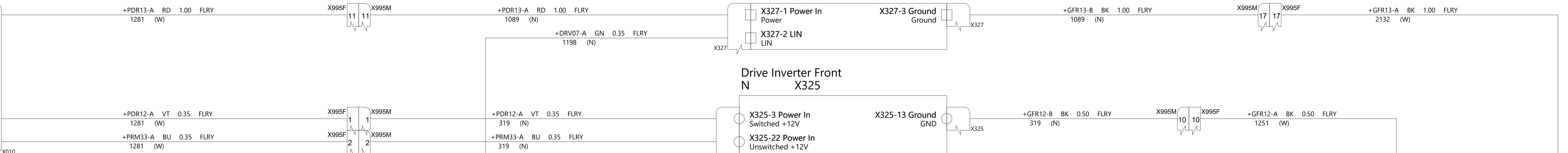
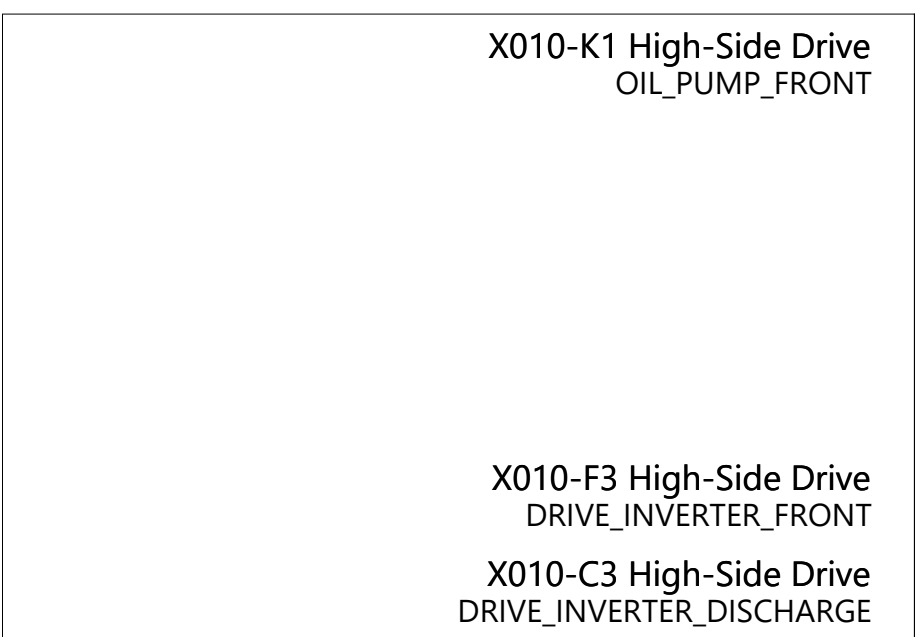
DRAWN	CHECKED	APPROVED

MATERIAL	FINISHING	SCALE
AS SPECIFIED	AS SPECIFIED	NONE

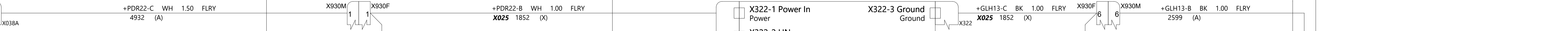
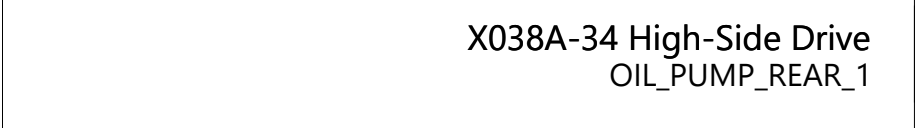
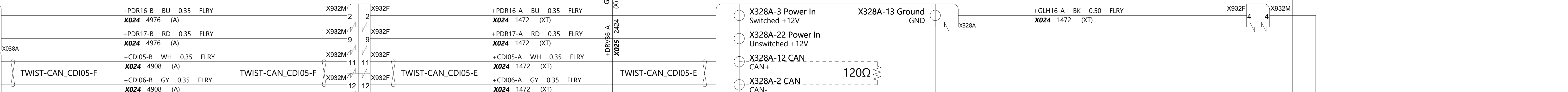
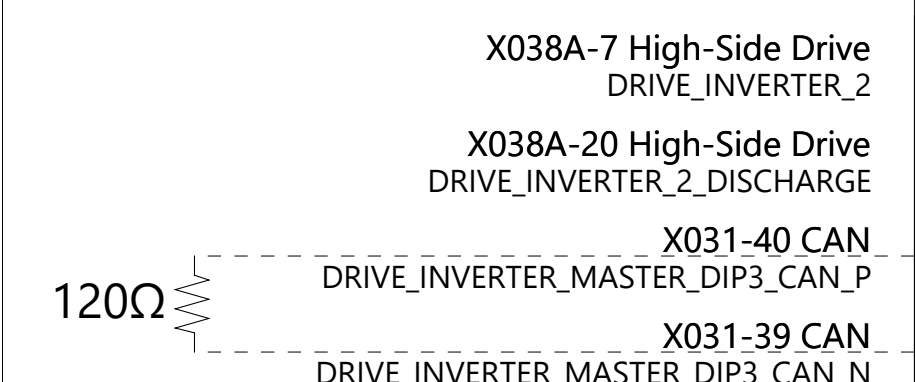
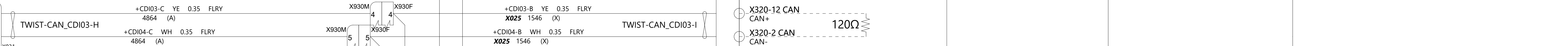
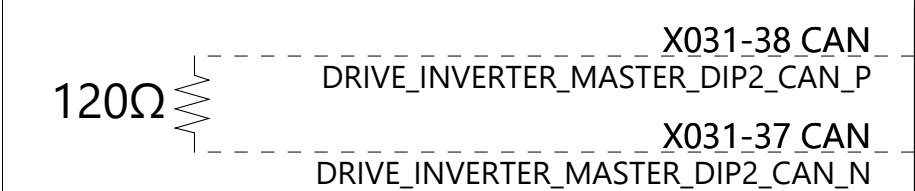
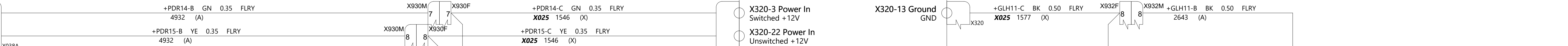
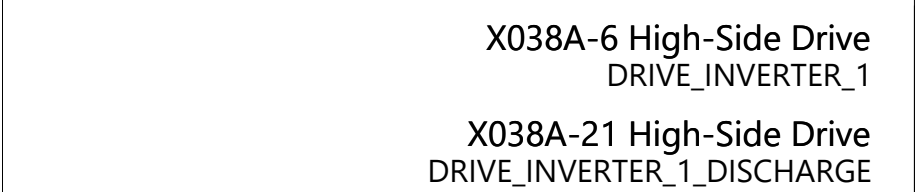
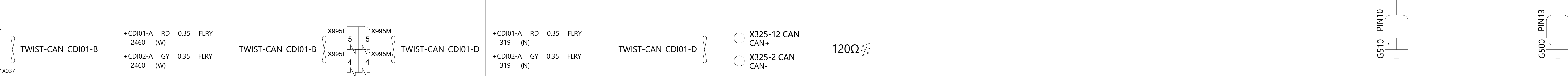
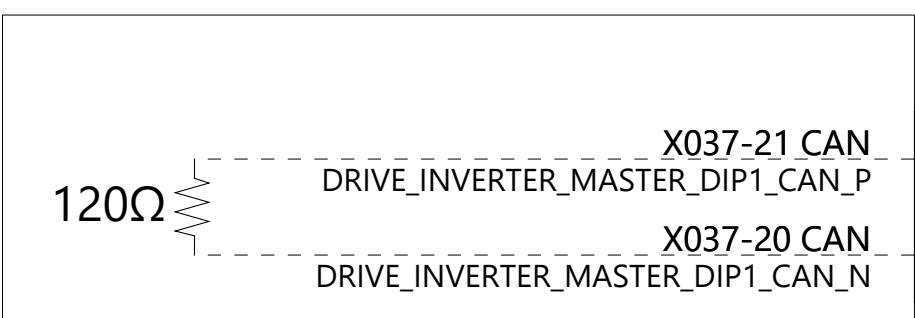
PART NAME
Doors - Rear - Trim

PART NUMBER	REV	SHEET	SIZE
	3	19 of 61	A0

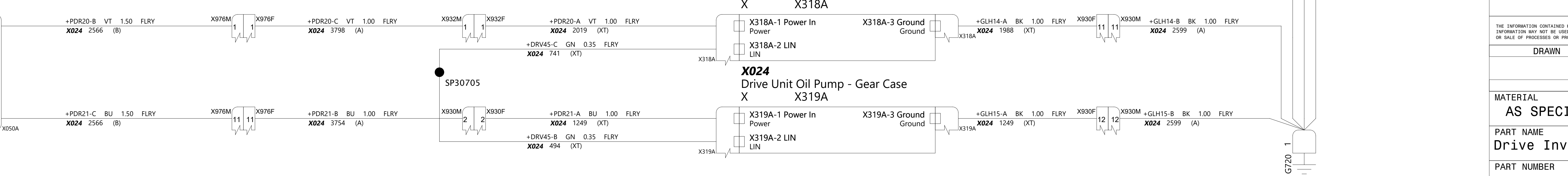
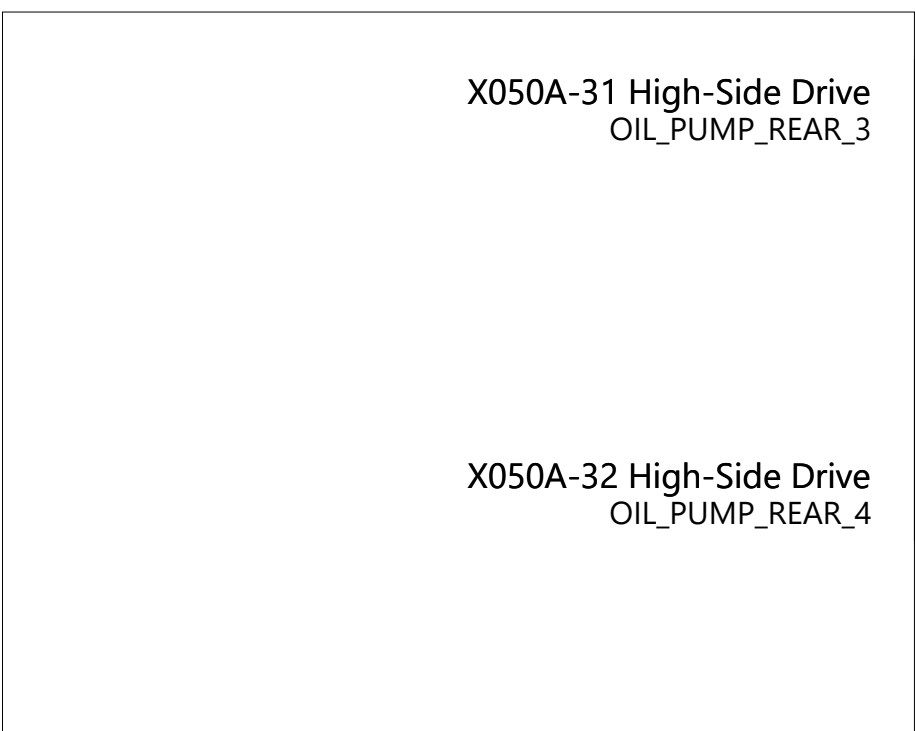
Front Controller
UHP, W X021 X010 X011 X012 X013 X014



Left Controller
A,W,J,D X030A/B X031 X032 X034 X038A/B X039 X037 X033A/B X035 X036



Right Controller
B,W,J,D X050A/B X051 X052 X054 X060A/B X062 X053A/B X055 X056 X058 X059



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DRAWN	CHECKED	APPROVED	
MATERIAL	FINISHING	SCALE	
AS SPECIFIED	AS SPECIFIED	NONE	
PART NAME			
Drive Inverter - Power & Comms			
PART NUMBER	REV	SHEET	SIZE
	3	20 OF 61	A0

Left Controller
A,W,J,D X030A/B X031 X032 X034 X038A/B X039 X037 X033A/B X035 X036



Drive Inverter Front
N X325



X025
Drive Inverter Logic - Rear
X X320



TESLA

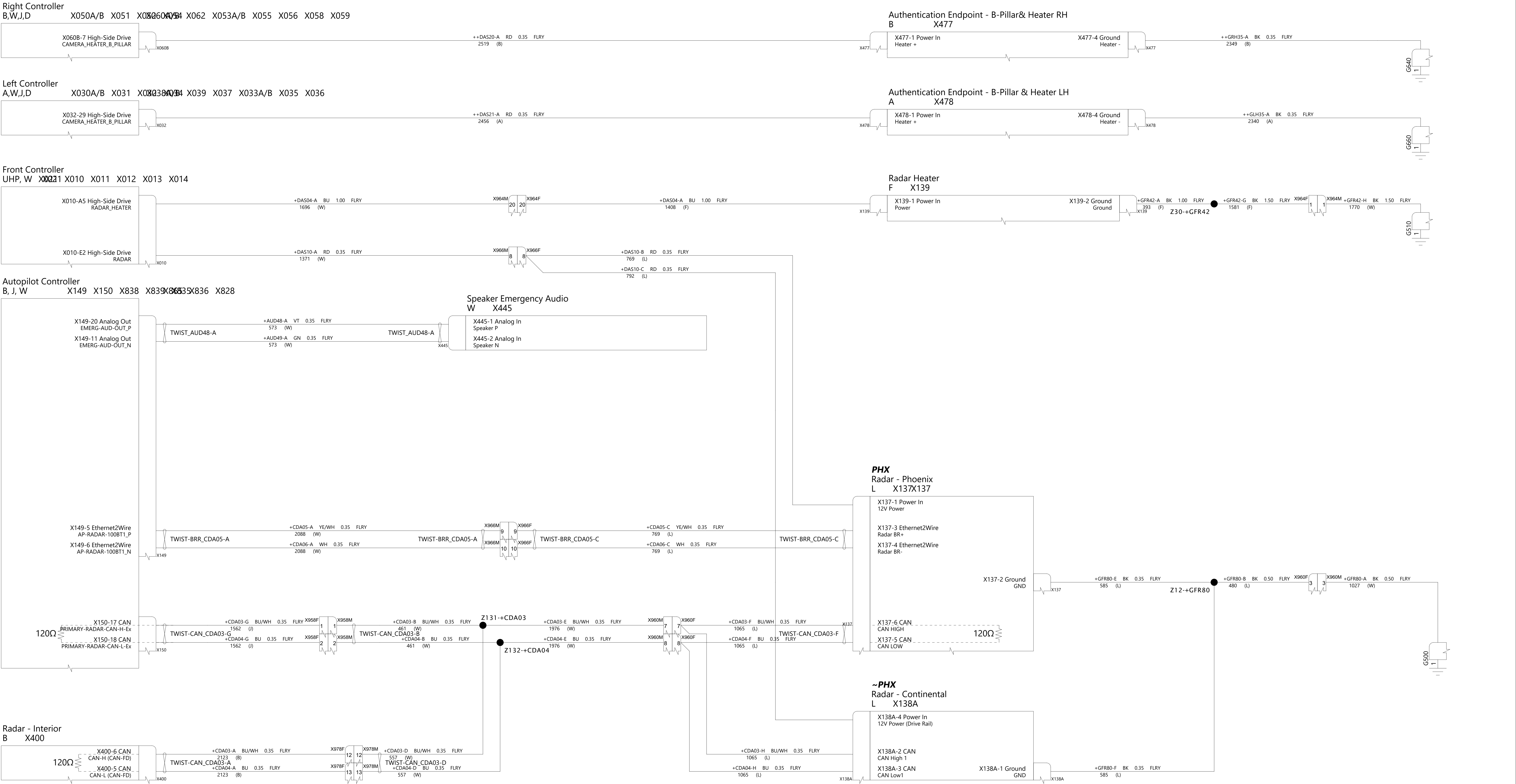
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DRAWN	CHECKED	APPROVED

MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
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PART NAME
Drive Inverter - Resolvers & Pedals

PART NUMBER	REV 3	SHEET 21 of 61	SIZE A0
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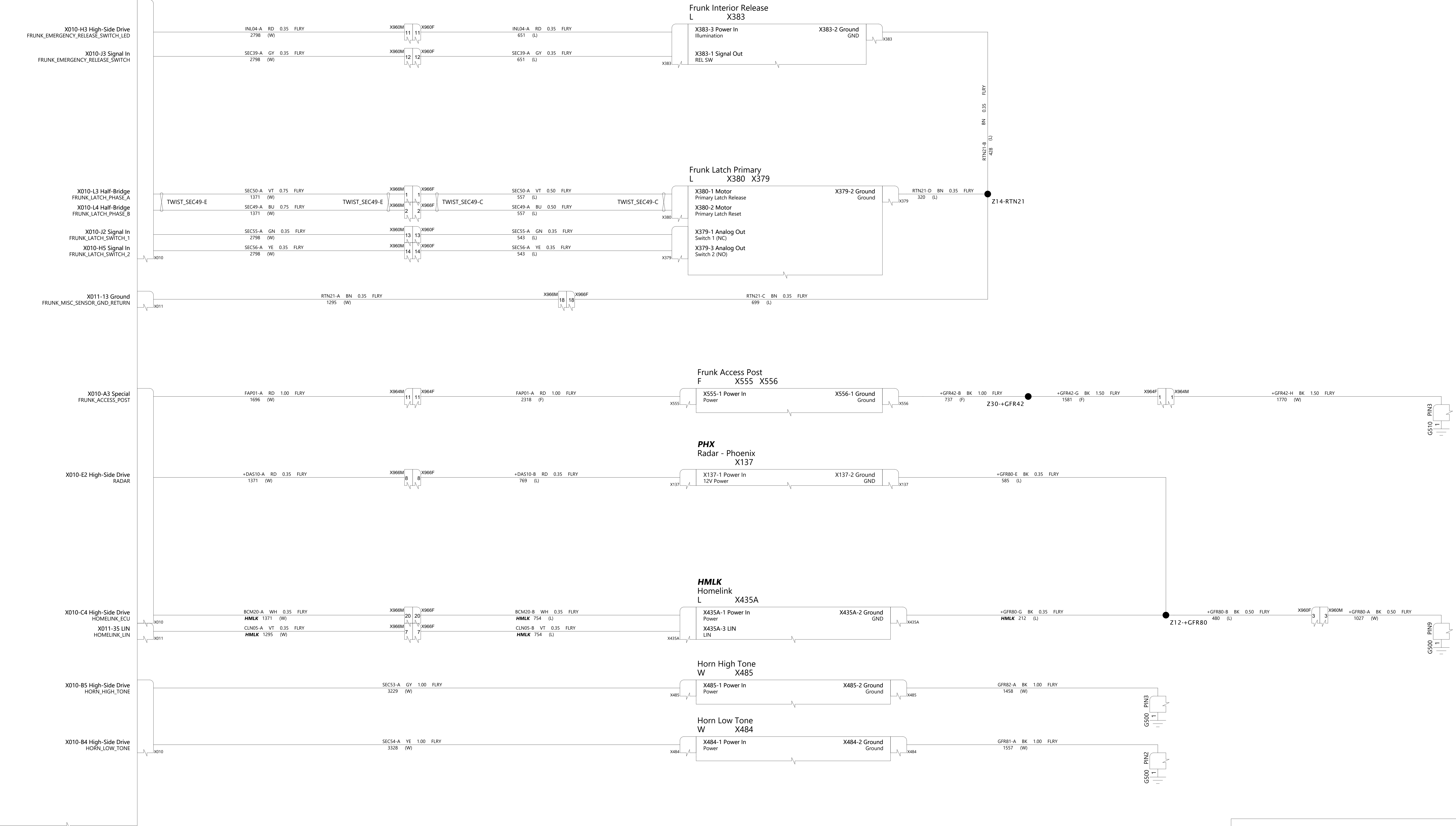
DRAWN	CHECKED	APPROVED

MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
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PART NAME Driver Assistance			
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PART NUMBER	REV	SHEET	SIZE
	3	22 of 61	A0

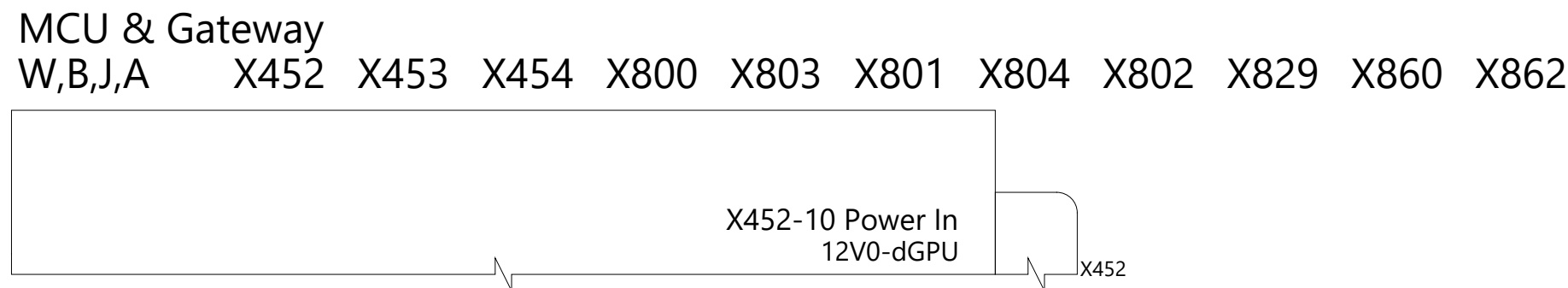
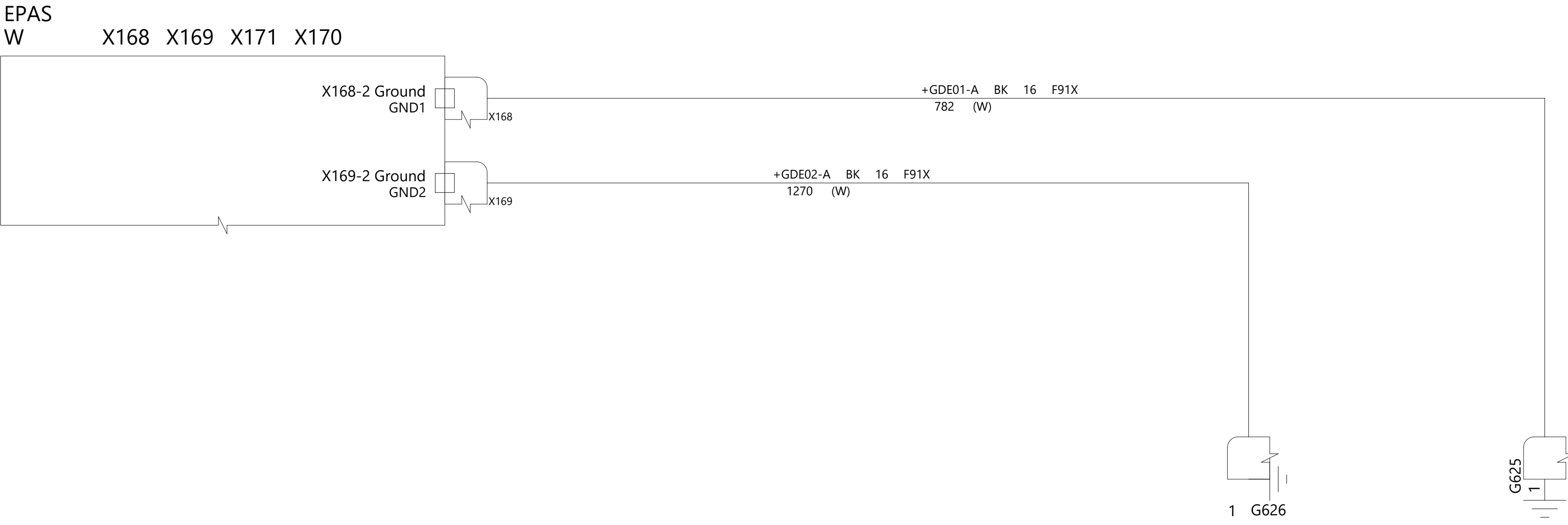
Front Controller
UHP, W X021 X010 X011 X012 X013 X014



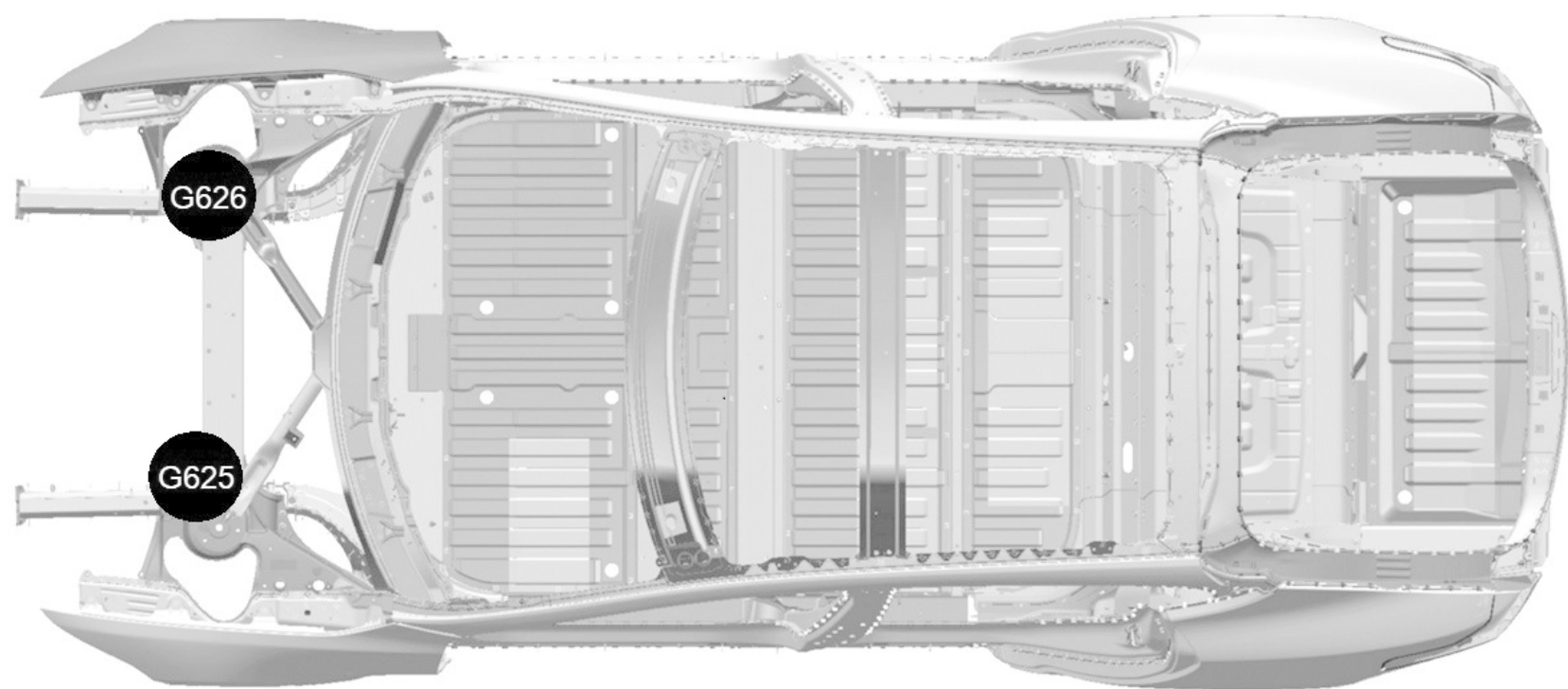
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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME Frunk Actuators & Sensors		
PART NUMBER	REV 3	SHEET 23 of 61
		SIZE A0



LOCALLY GROUNDED TO CHASSIS

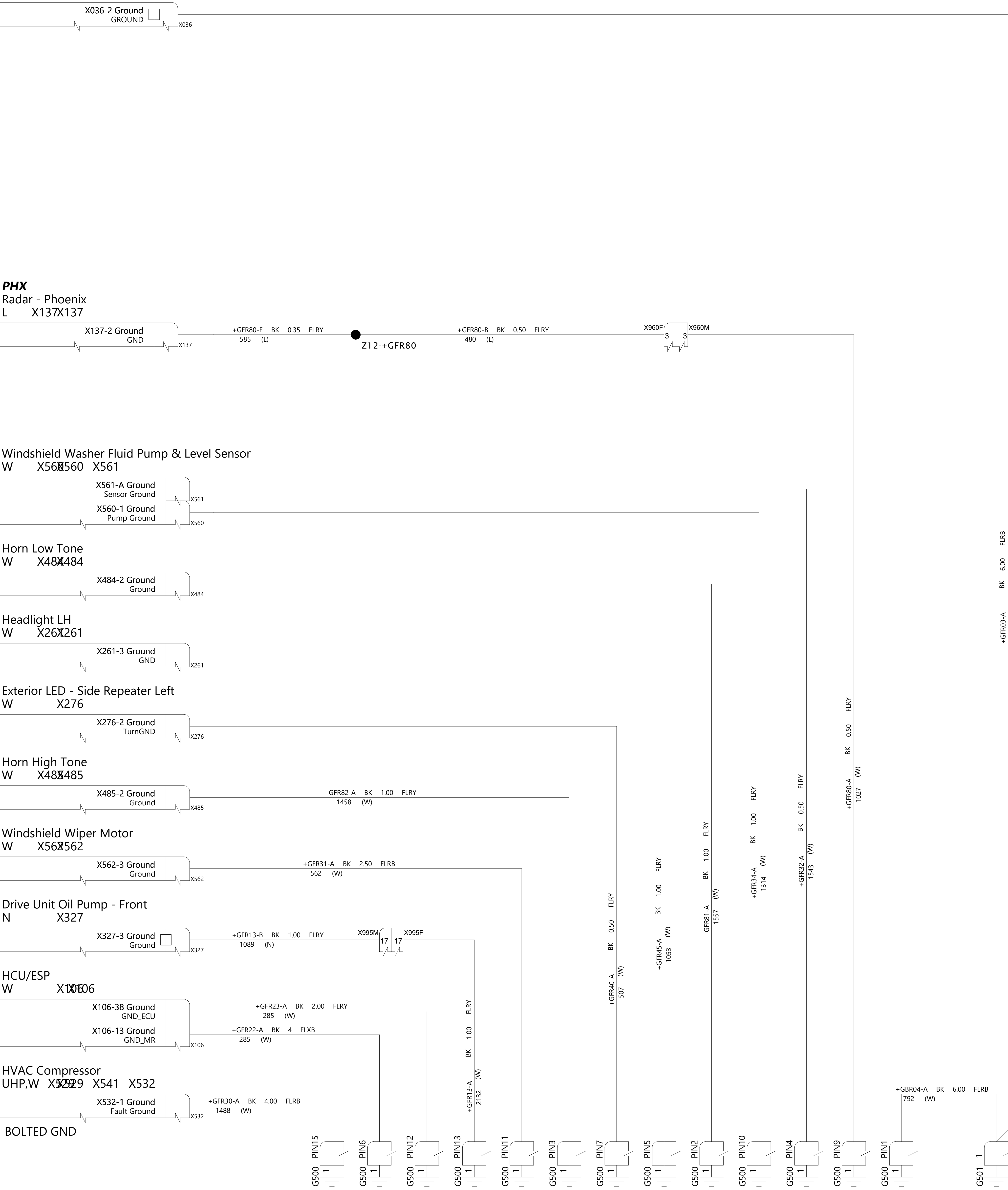


TESLA

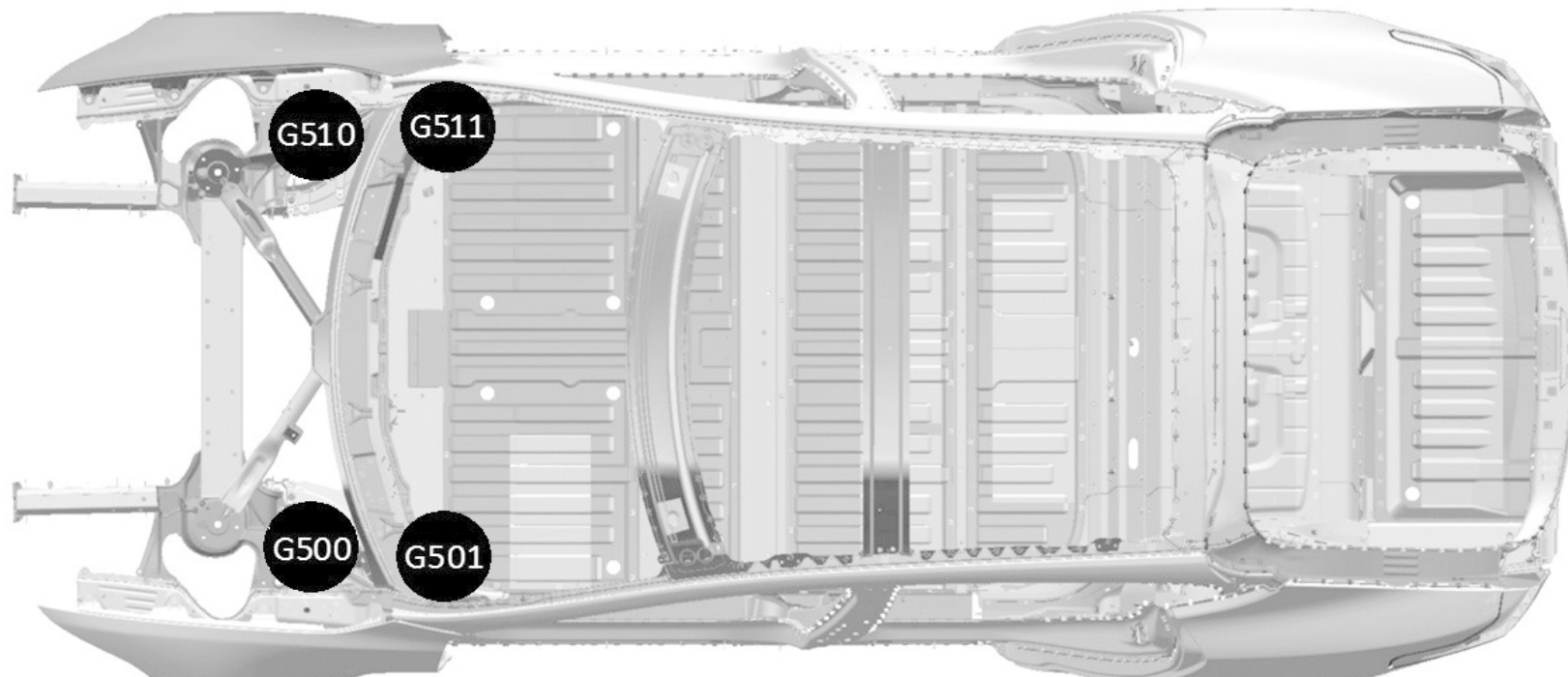
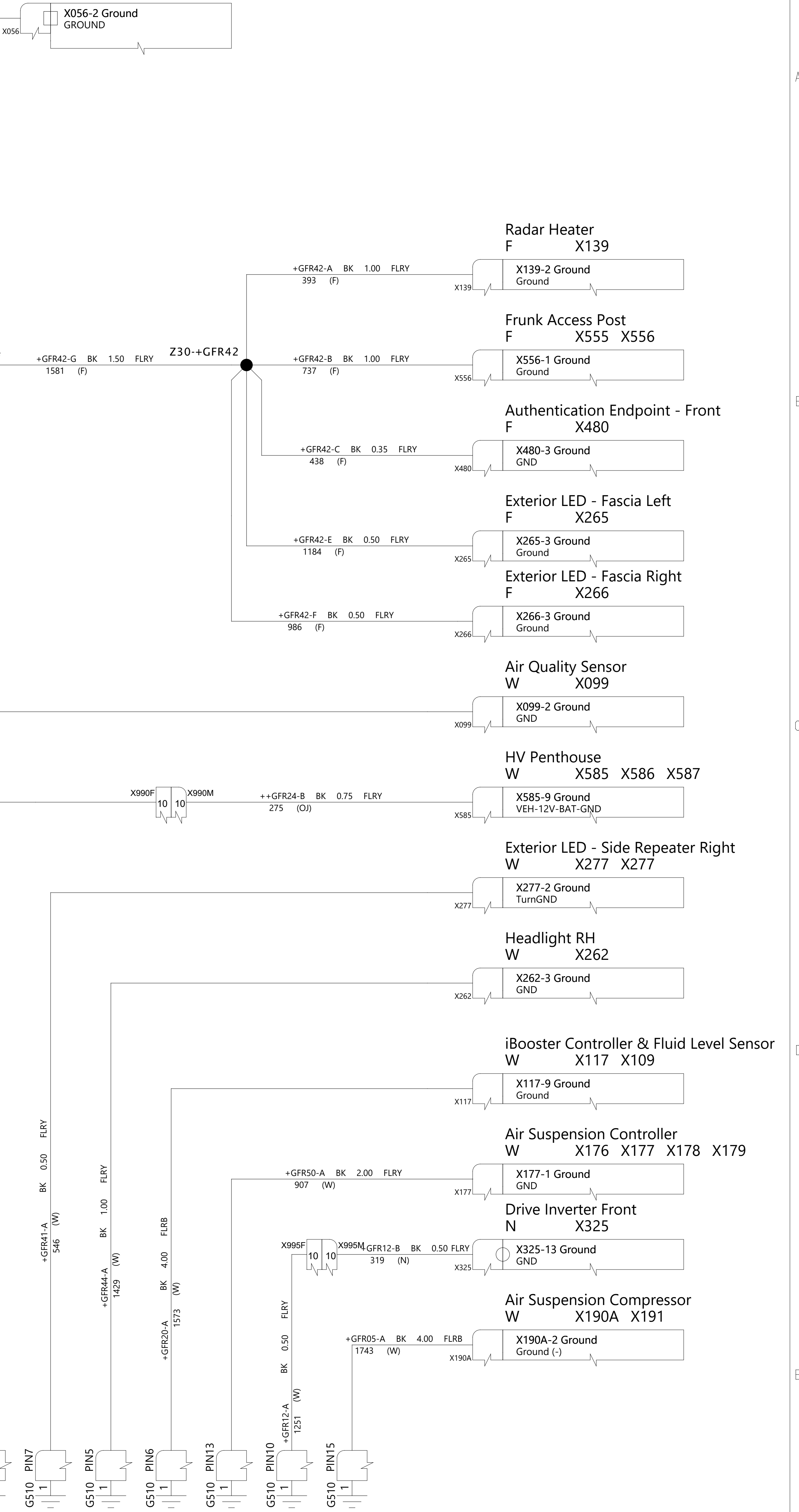
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DRAWN		CHECKED		APPROVED	
MATERIAL AS SPECIFIED		FINISHING AS SPECIFIED		SCALE NONE	
PART NAME Grounding - Front Center					
PART NUMBER			REV 3	SHEET 24 OF 61	SIZE A0

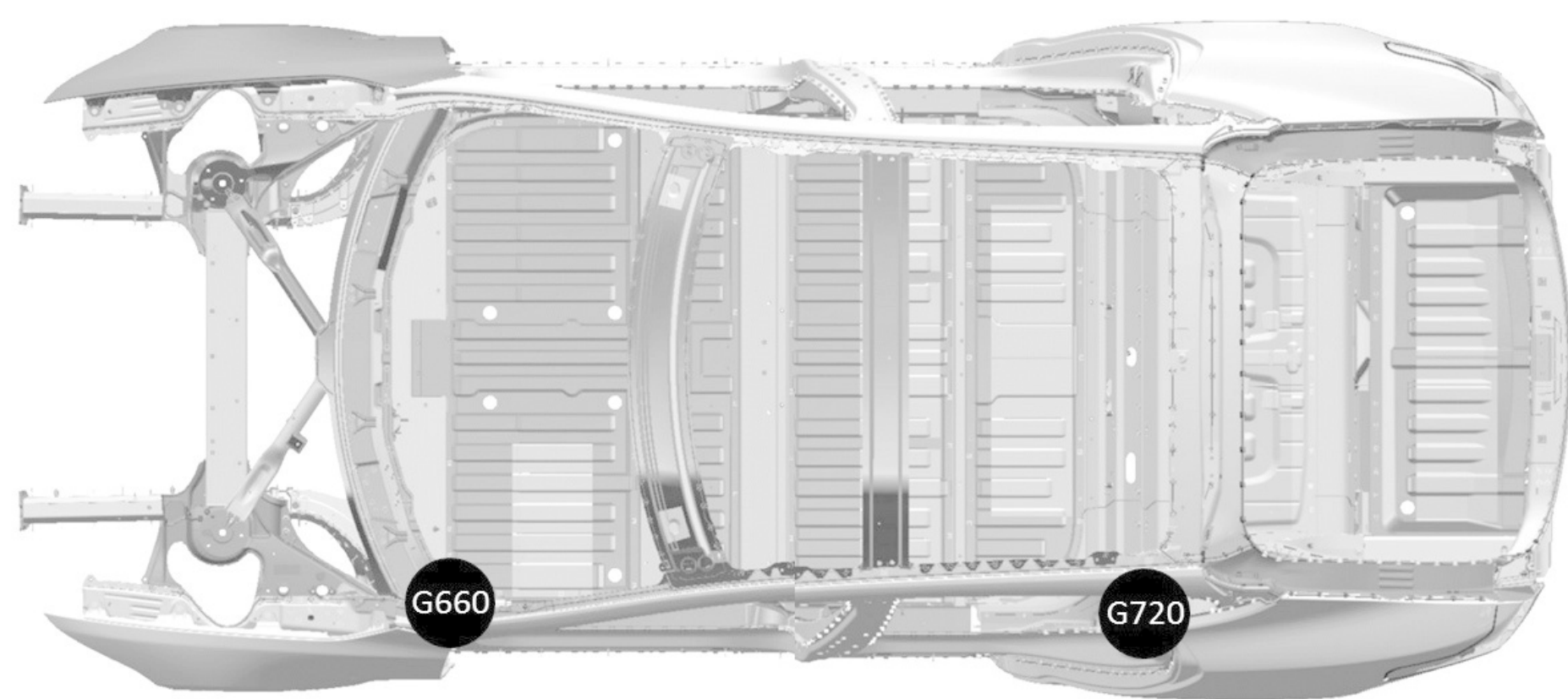
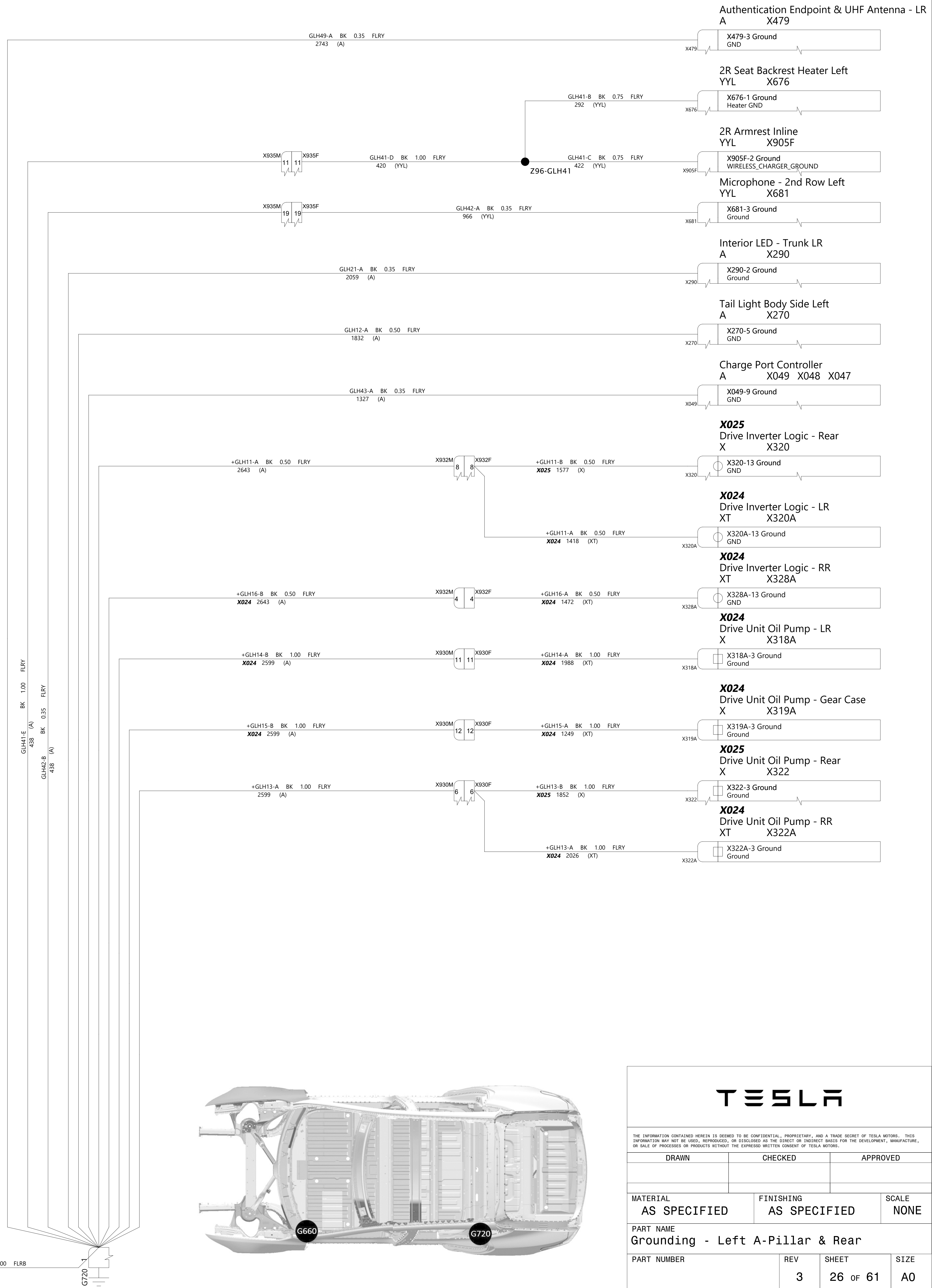
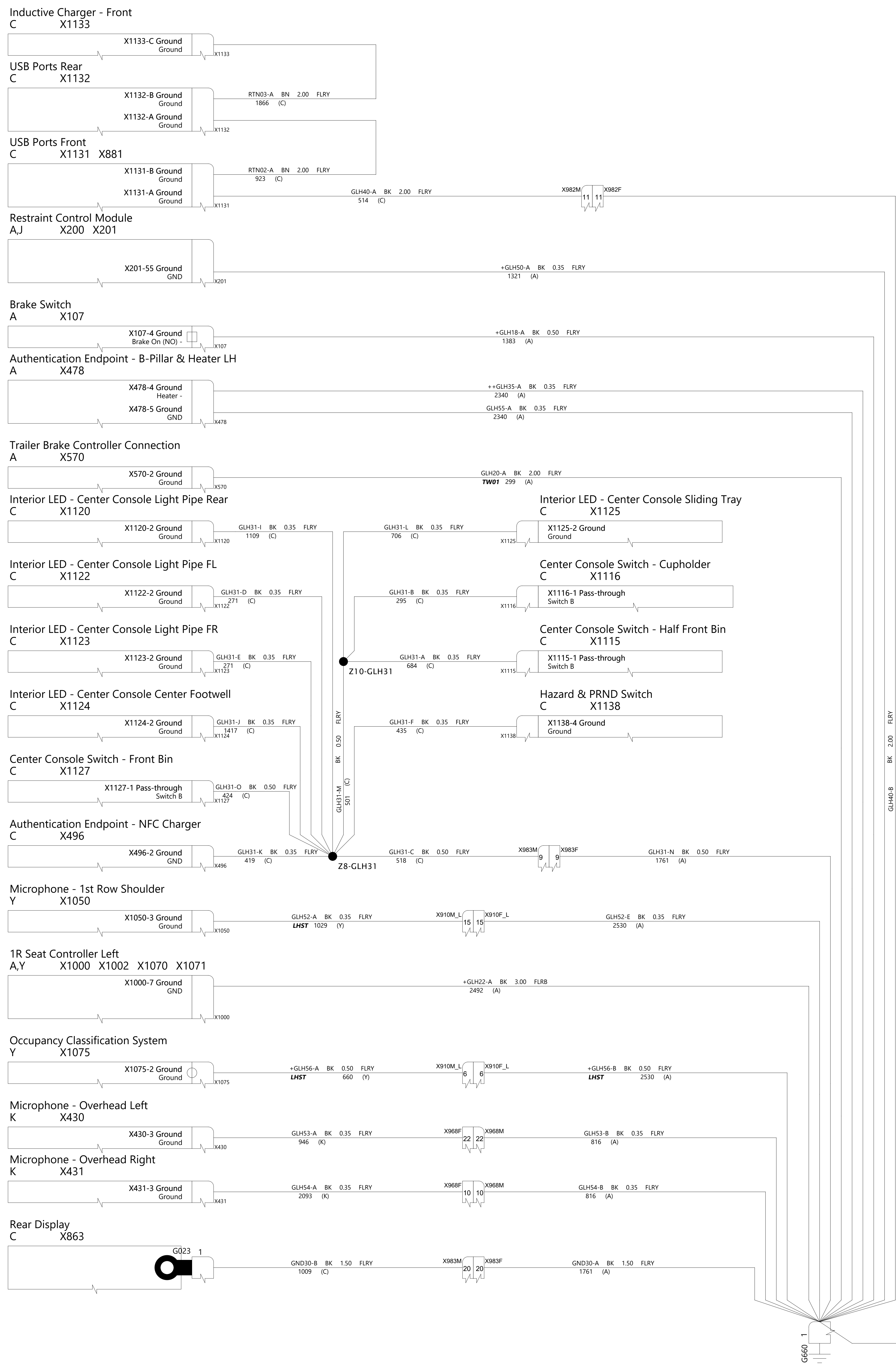
Left Controller
A,W,J,D X030A/B X031 X032 X034 X038A/B X039 X037 X033A/B X035 X036



Right Controller
B,W,J,D X050A/B X051 X052 X054 X060A/B X062 X053A/B X055 X056 X058 X059



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DRAWN	CHECKED	APPROVED	
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE	
PART NAME Grounding - Front Left & Right			
PART NUMBER	REV	SHEET	SIZE
	3	25 OF 61	A0



			
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DRAWN	CHECKED	APPROVED	
MATERIAL	FINISHING	SCALE	
AS SPECIFIED	AS SPECIFIED	NONE	
PART NAME Grounding - Left A-Pillar & Rear			
PART NUMBER	REV	SHEET	SIZE
	3	26 OF 61	A0

GROUNDING VIA ENCLOSURE

CPGB || **~CPGB**
CHMSL
T X269



~CPGB
Radio Tuner
T,LT X439 X805F X807F



CPGB || **~CPGB**
CHMSL
T X269



Exterior LED - Trunk Left
T X271



Exterior LED - Trunk Right
T X273



Liftgate Exterior Open Switch
T X387



License Plate Lights LH
T X274A



License Plate Lights RH
T X275A



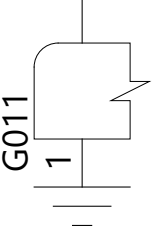
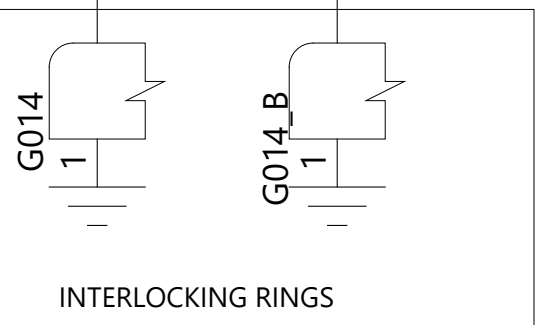
Interior LED - Liftgate
T X292



Z52-GDL01

GDLO1-A BK 1.00 FLRY
612 (T)

GDLO2-A BK 3.00 FLR8
1934 (T)



TESLA

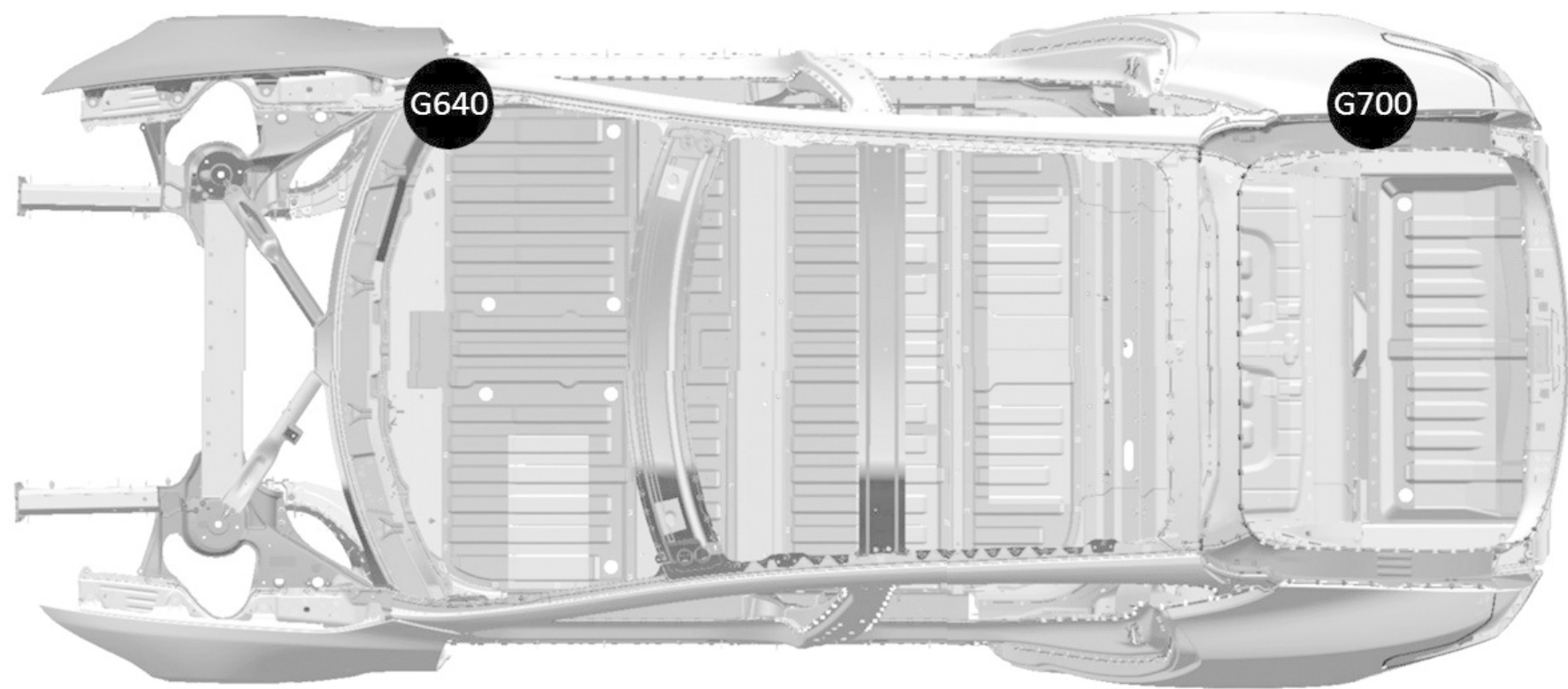
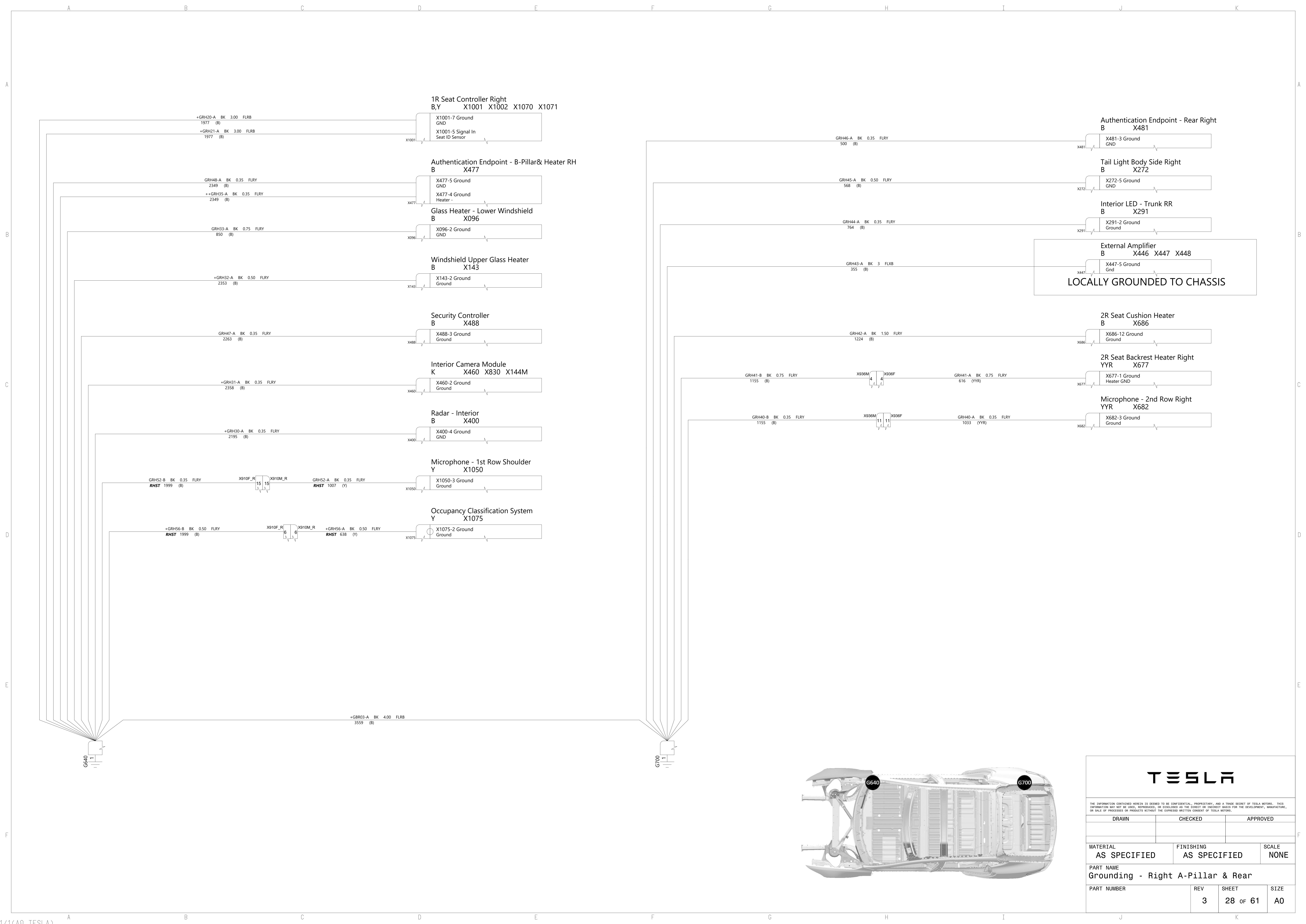
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DRAWN	CHECKED	APPROVED

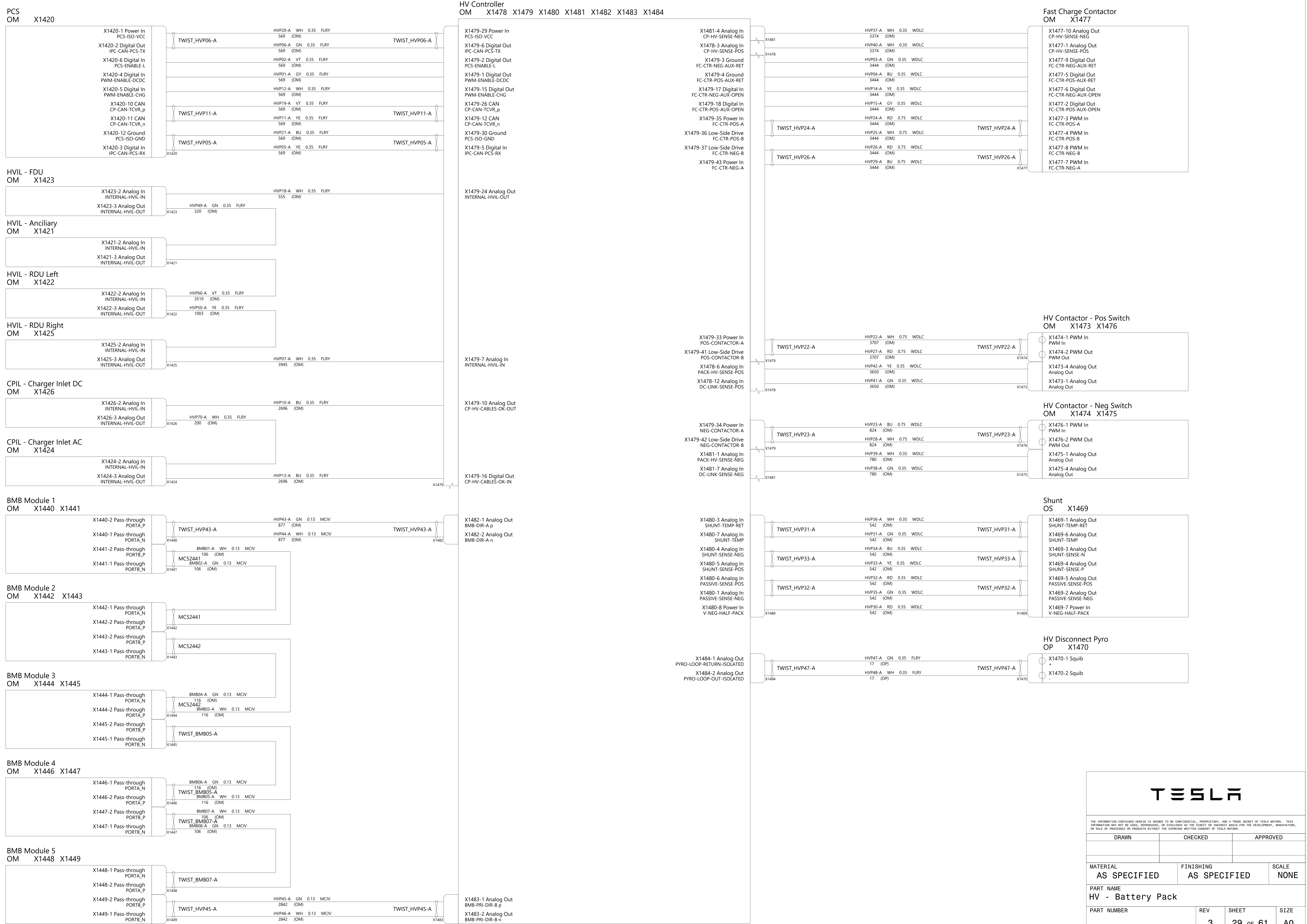
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
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PART NAME Grounding - Liftgate

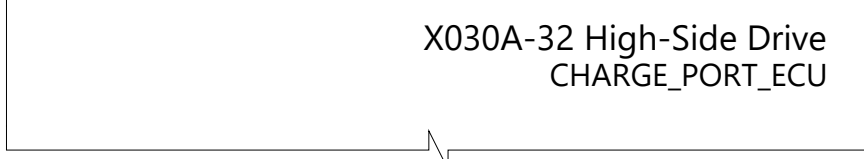
PART NUMBER	REV	SHEET	SIZE
	3	27 of 61	A0



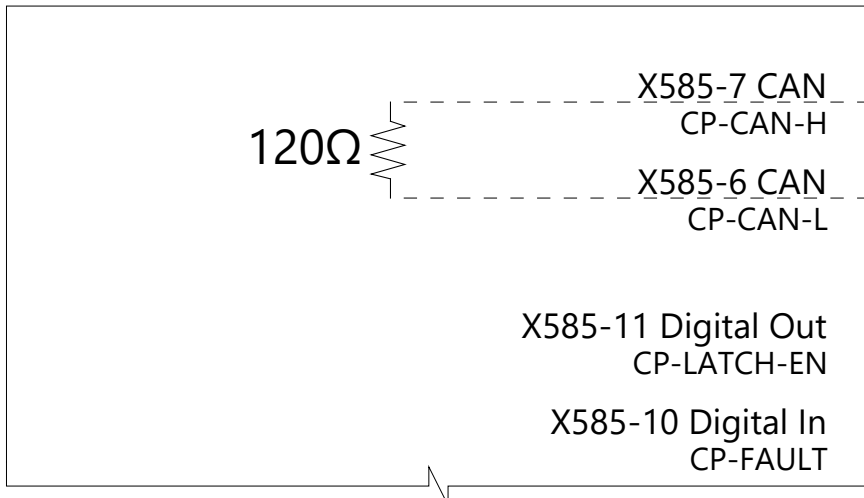
TESLA			
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DRAWN	CHECKED	APPROVED	
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE	
PART NAME Grounding - Right A-Pillar & Rear			
PART NUMBER	REV 3	SHEET 28 OF 61	SIZE A0



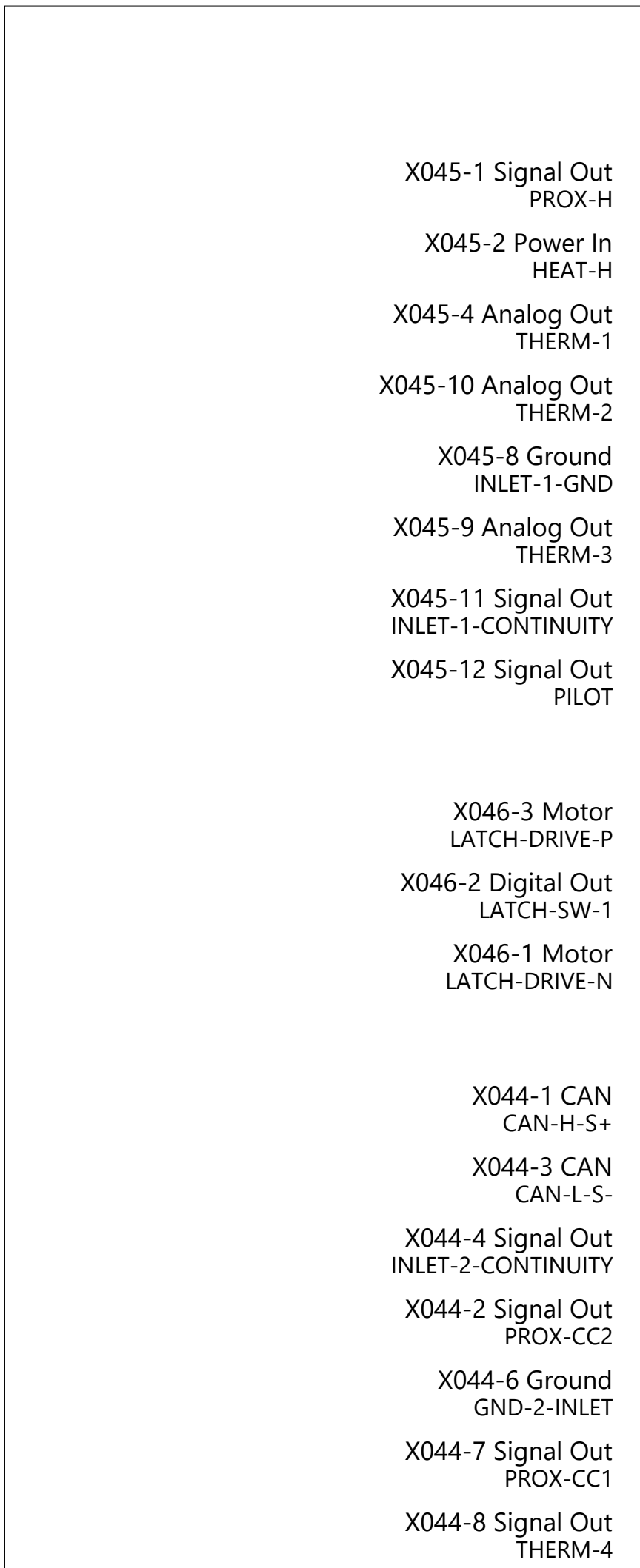
Left Controller
A,W,J,D X030A/B X031 X032 X034 X038A/B X039 X037 X033A/B X035 X036



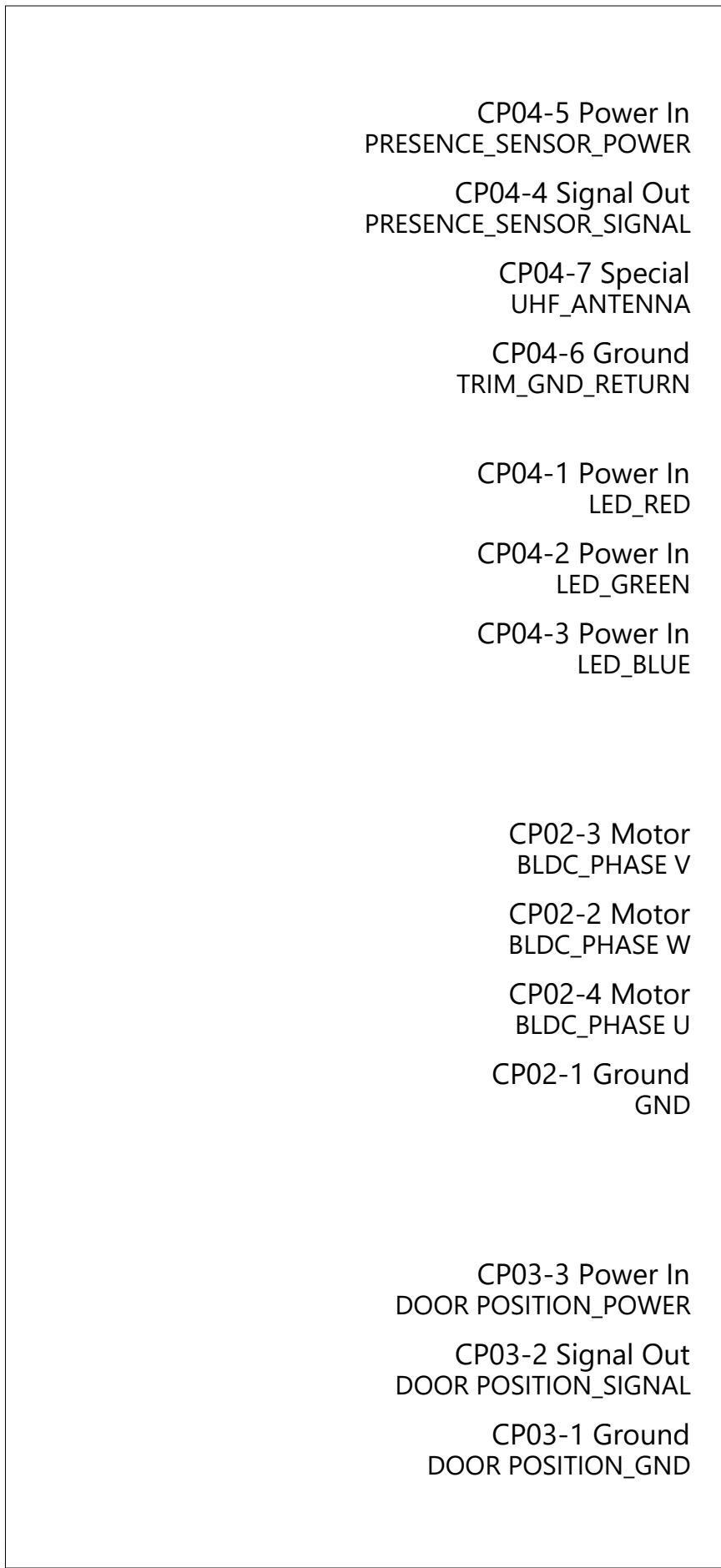
HV Penthouse
W X585 X586 X587



Charge Port Inlet
A



Charge Port Door
Charge Port Door Subassembly CP02 CP03 CP04



PRM17-A YE 0.35 FLRY
3658 (A)

CP01-B VT 0.35 FLRY
275 (OJ)
CP02-B WH 0.35 FLRY
275 (OJ)

CP01-B VT 0.35 FLRY
275 (OJ)
CP02-B WH 0.35 FLRY
275 (OJ)

CP01-B VT 0.35 FLRY
275 (OJ)
CP02-B WH 0.35 FLRY
275 (OJ)

CP01-B VT 0.35 FLRY
275 (OJ)
CP02-B WH 0.35 FLRY
275 (OJ)

CP01-B VT 0.35 FLRY
275 (OJ)
CP02-B WH 0.35 FLRY
275 (OJ)

CP01-B VT 0.35 FLRY
275 (OJ)
CP02-B WH 0.35 FLRY
275 (OJ)

CP01-B VT 0.35 FLRY
275 (OJ)
CP02-B WH 0.35 FLRY
275 (OJ)

CP01-B VT 0.35 FLRY
275 (OJ)
CP02-B WH 0.35 FLRY
275 (OJ)

CP01-B VT 0.35 FLRY
275 (OJ)
CP02-B WH 0.35 FLRY
275 (OJ)

CP01-B VT 0.35 FLRY
275 (OJ)
CP02-B WH 0.35 FLRY
275 (OJ)

CPE10-C RD 0.35 FLRY
275 (OJ)
CPE11-C GY 0.35 FLRY
275 (OJ)

CPE10-C RD 0.35 FLRY
275 (OJ)
CPE11-C GY 0.35 FLRY
275 (OJ)

CPE10-C RD 0.35 FLRY
275 (OJ)
CPE11-C GY 0.35 FLRY
275 (OJ)

CPE10-C RD 0.35 FLRY
275 (OJ)
CPE11-C GY 0.35 FLRY
275 (OJ)

CPE10-C RD 0.35 FLRY
275 (OJ)
CPE11-C GY 0.35 FLRY
275 (OJ)

CPE10-C RD 0.35 FLRY
275 (OJ)
CPE11-C GY 0.35 FLRY
275 (OJ)

CPE10-C RD 0.35 FLRY
275 (OJ)
CPE11-C GY 0.35 FLRY
275 (OJ)

CP101-A YE 0.50 FLRY
4 (A)

CP102-A RD 0.50 FLRY
4 (A)

CP103-A YE 0.50 FLRY
4 (A)

CP104-A BN 0.50 FLRY
4 (A)

CP105-A BU 0.50 FLRY
4 (A)

CP106-A VT 0.50 FLRY
4 (A)

CP107-A GN 0.50 FLRY
4 (A)

CP108-A WH 0.50 FLRY
4 (A)

CP109-A VT 0.35 FLRY
4 (A)

CP110-A RD 0.35 FLRY
4 (A)

CP111-A BU 0.35 FLRY
4 (A)

CP112-A BK 0.50 FLRY
4 (A)

CP113-A WH 0.50 FLRY
4 (A)

CP114-A GN 0.50 FLRY
4 (A)

CP115-A BN 0.50 FLRY
4 (A)

CP116-A BU 0.50 FLRY
4 (A)

CP117-A GY 0.50 FLRY
4 (A)

CP118-A YE 0.50 FLRY
4 (A)

CPD01-B OG 26 AWM
620 Charge Port Door Subassembly

CPD05-B WH 26 AWM
620 Charge Port Door Subassembly

CPD02-B YE 22 AWM
620 Charge Port Door Subassembly

CPD04-B BK 26 AWM
620 Charge Port Door Subassembly

CPD06-B RD 26 AWM
620 Charge Port Door Subassembly

CPD08-B GN 26 AWM
620 Charge Port Door Subassembly

CPD10-B BU 26 AWM
620 Charge Port Door Subassembly

CPD03-B RD 22 AWM
420 Charge Port Door Subassembly

CPD12-B GN 22 AWM
420 Charge Port Door Subassembly

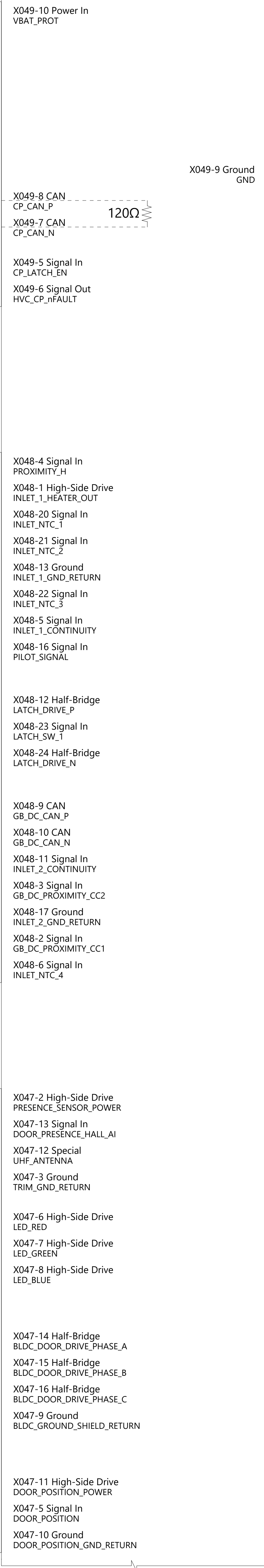
CPD11-B BU 22 AWM
420 Charge Port Door Subassembly

CPD13-B OG 26 AWM
480 Charge Port Door Subassembly

CPD14-B WH 26 AWM
480 Charge Port Door Subassembly

CPD15-B BK 26 AWM
480 Charge Port Door Subassembly

Charge Port Controller
A X049 X048 X047



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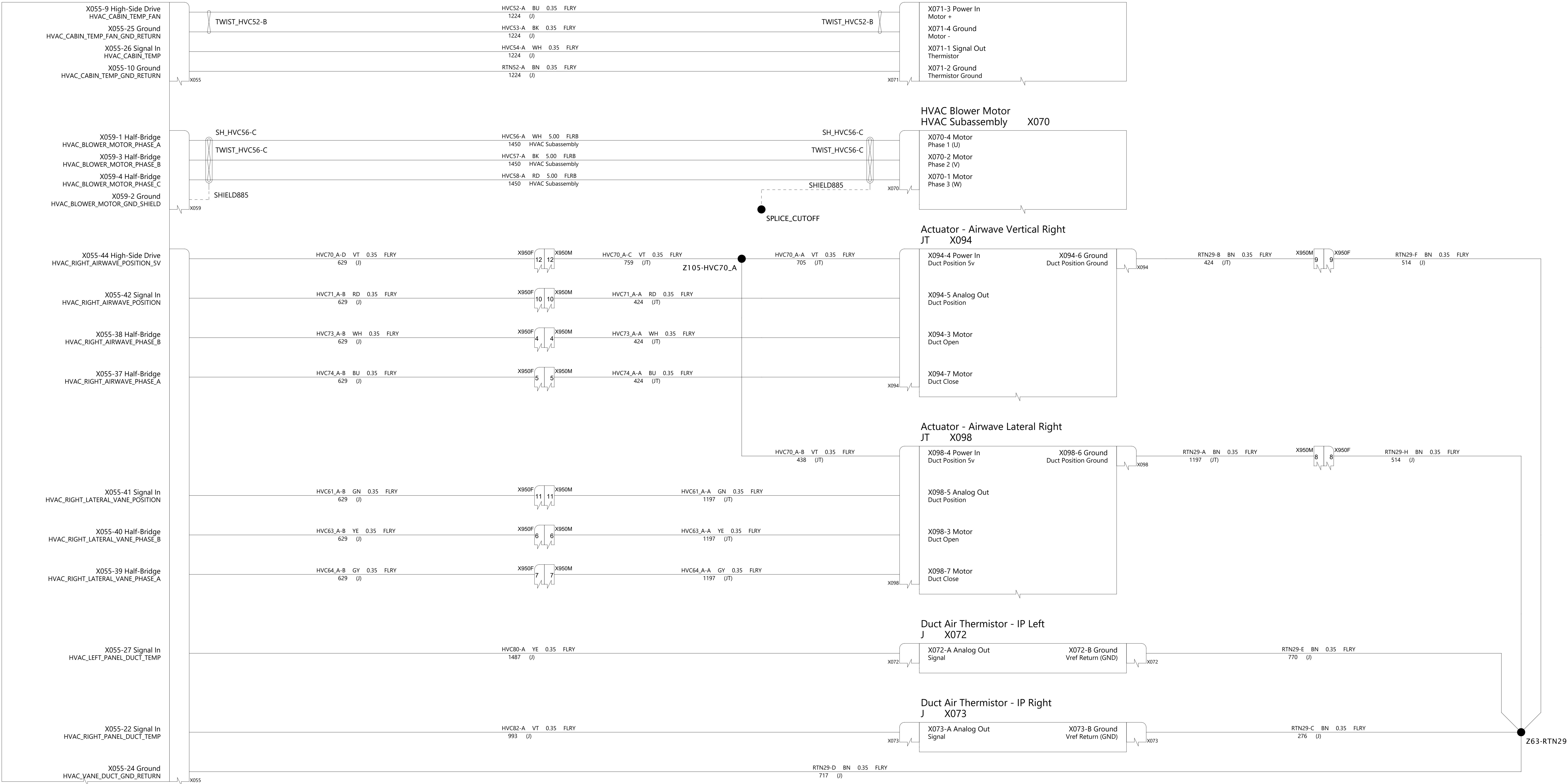
DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME HV - Chargeport		
PART NUMBER	REV 3	SHEET 30 of 61
		SIZE A0



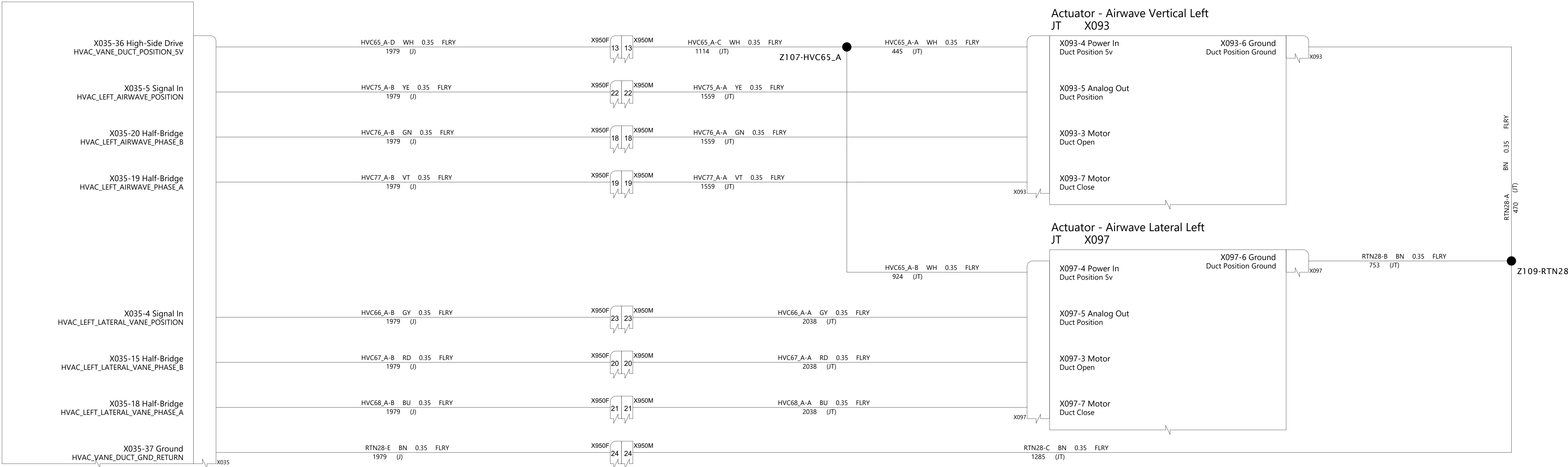
DRAWN	CHECKED	APPROVED
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1/1(ΔΘ TFSI Δ)

Right Controller
B,W,J,D X050A/B X051 X052 X054 X060A/B X062 X053A/B X055 X056 X058 X059

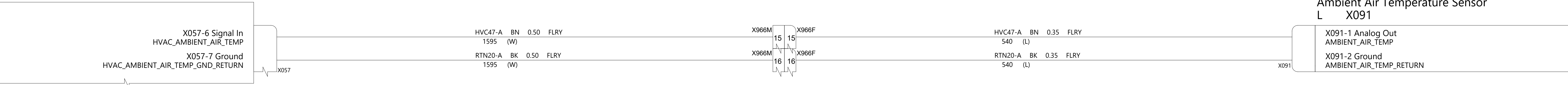


Left Controller
A,W,J,D X030A/B X031 X032 X034 X038A/B X039 X037 X033A/B X035 X036

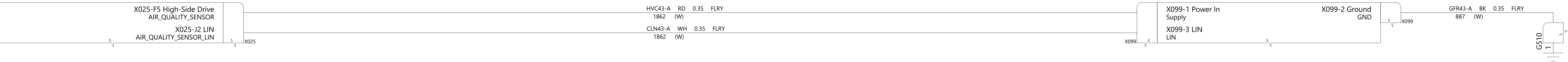


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DRAWN	CHECKED	APPROVED	
MATERIAL	FINISHING	SCALE	
AS SPECIFIED	AS SPECIFIED	NONE	
PART NAME			
HVAC - Cabin Climate 1/2			
PART NUMBER	REV	SHEET	SIZE
	3	32 OF 61	A0

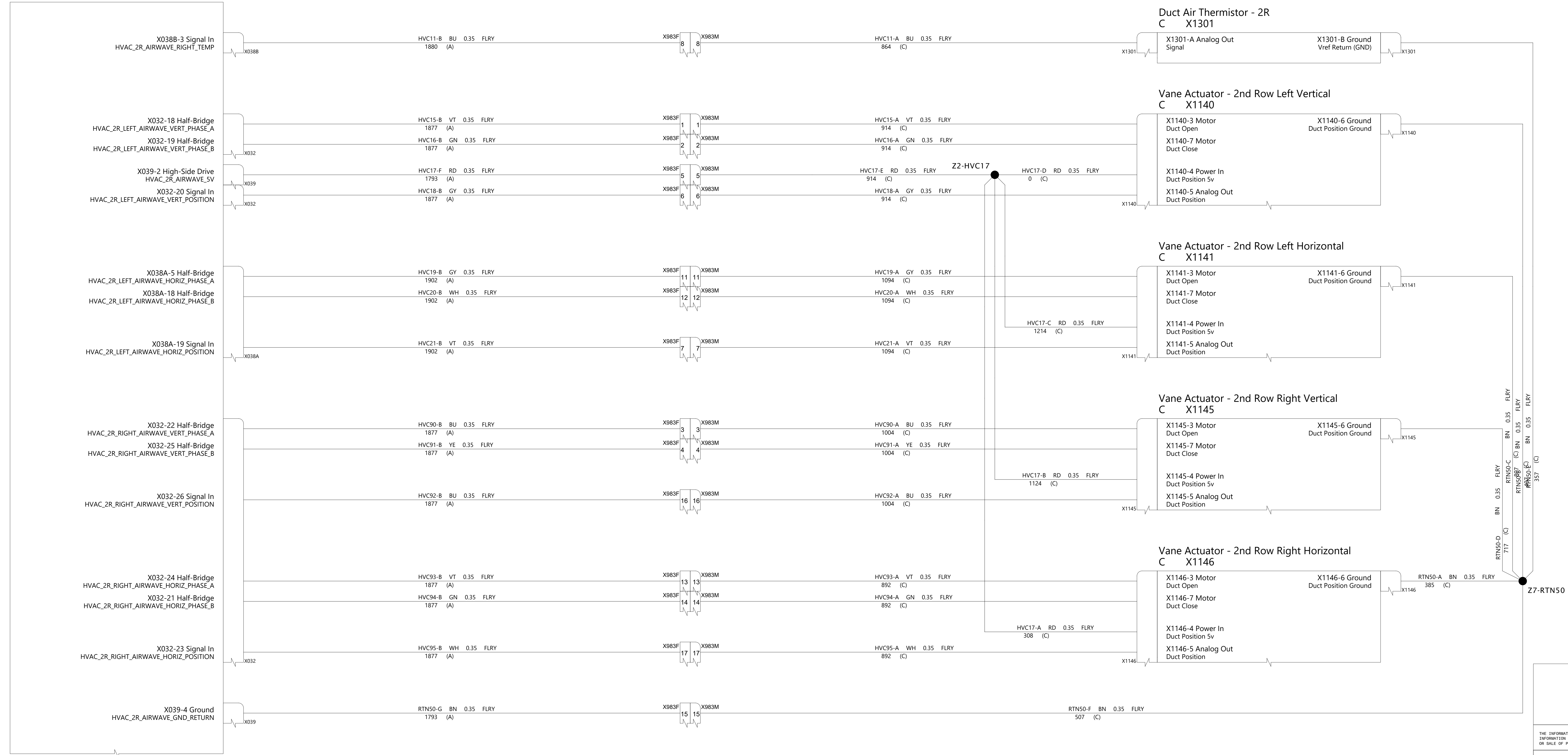
Right Controller
B,W,J,D X050A/B X051 X052 X054 X060A/B X062 X053A/B X055 X056 X058 X059



Battery Controller
W X025 X022 X023 X024 X026

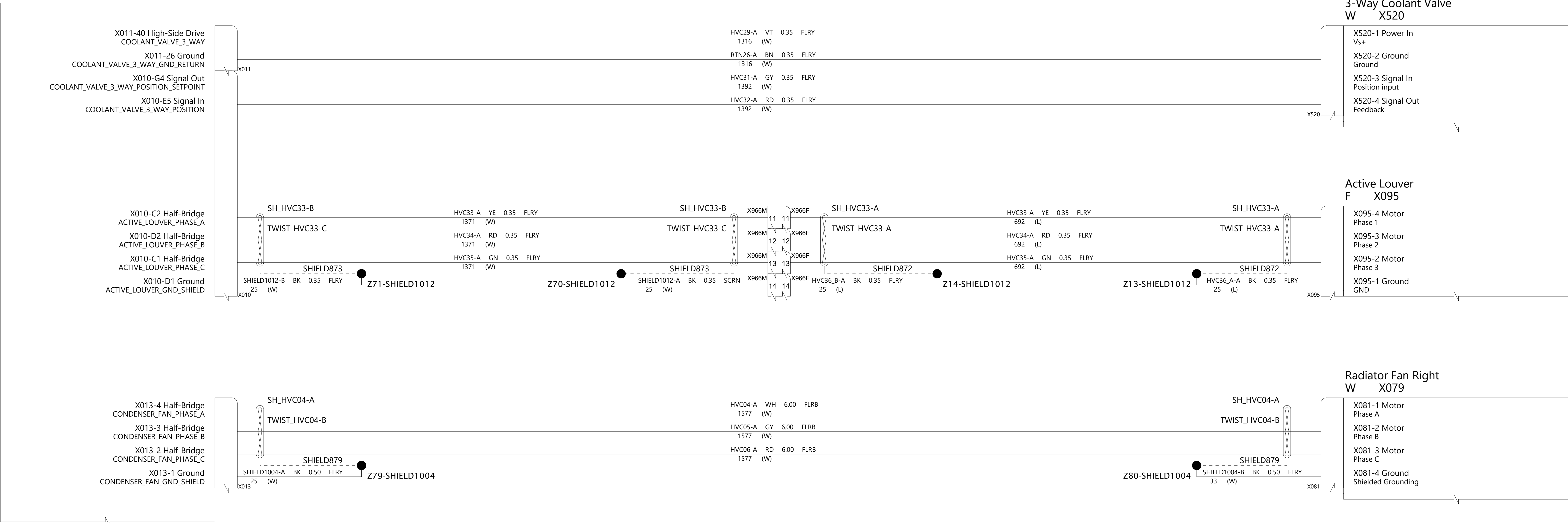


Left Controller
A,W,J,D X030A/B X031 X032 X034 X038A/B X039 X037 X033A/B X035 X036

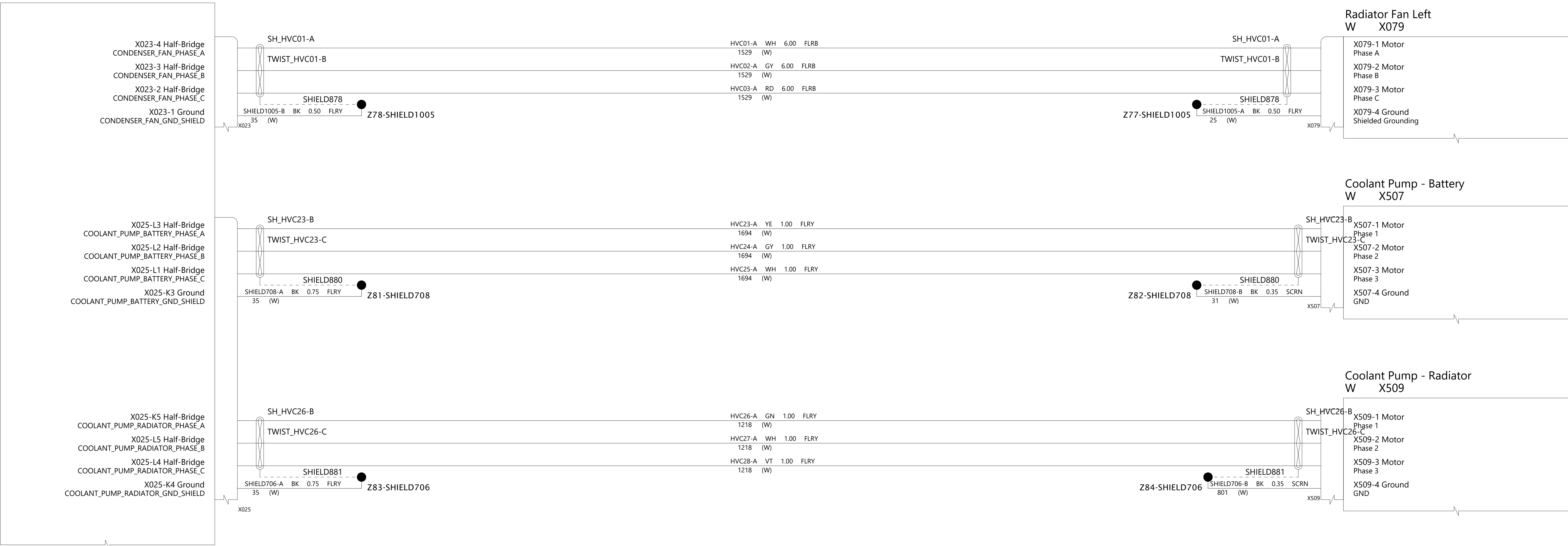


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DRAWN	CHECKED	APPROVED	
MATERIAL AS SPECIFIED		FINISHING AS SPECIFIED	SCALE NONE
PART NAME HVAC - Cabin Climate 2/2			
PART NUMBER	REV 3	SHEET 33 of 61	SIZE A0

Front Controller
UHP, W X021 X010 X011 X012 X013 X014

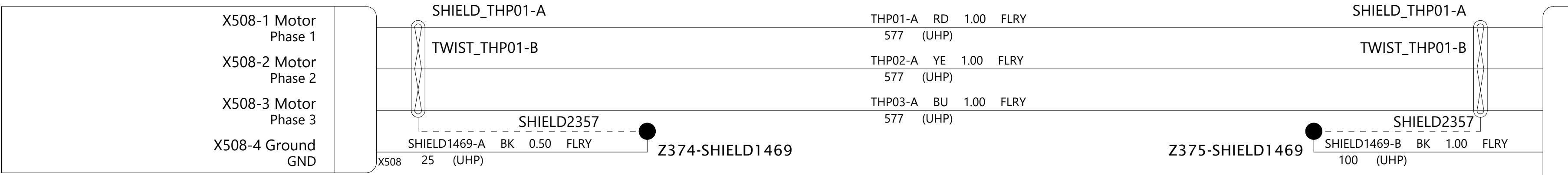


Battery Controller
W X025 X022 X023 X024 X026

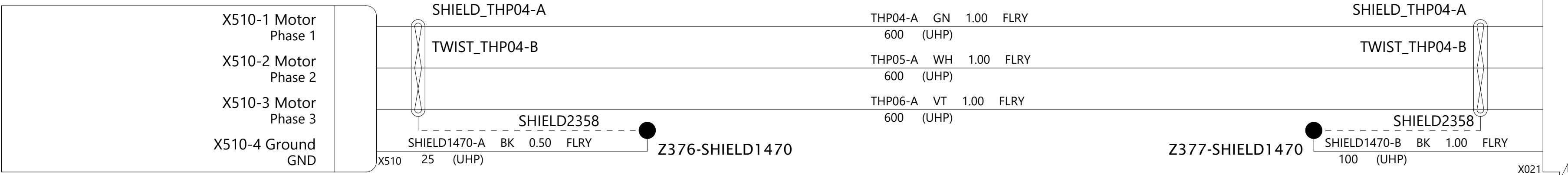


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DRAWN	CHECKED	APPROVED	
MATERIAL AS SPECIFIED		FINISHING AS SPECIFIED	SCALE NONE
PART NAME HVAC - Powertrain & Battery			
PART NUMBER	REV 3	SHEET 34 OF 61	SIZE A0

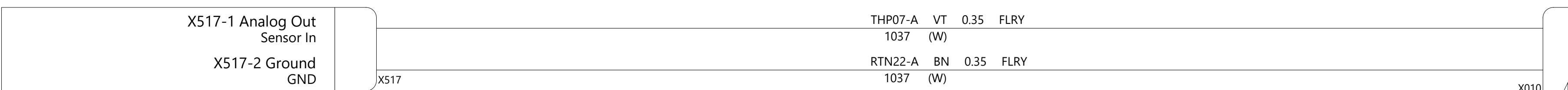
Coolant Pump - Chiller
UHP X508



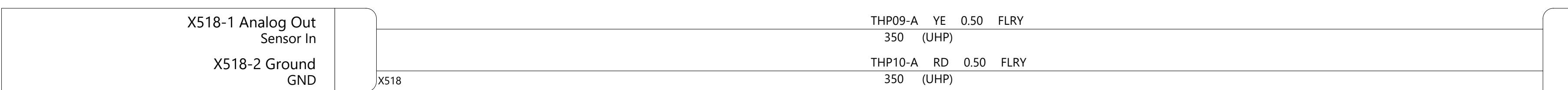
Coolant Pump - Powertrain
UHP X510



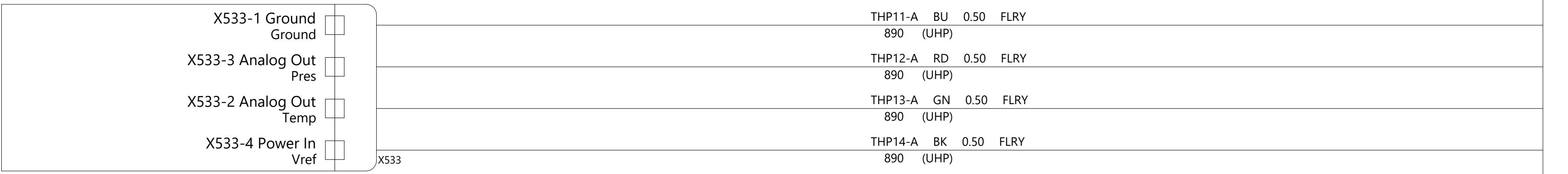
Coolant Temp Sensor - Battery
W X517



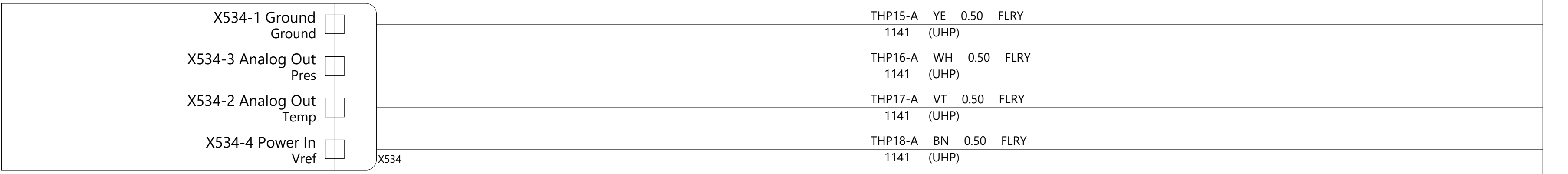
Coolant Temp Sensor - Powertrain
UHP X518



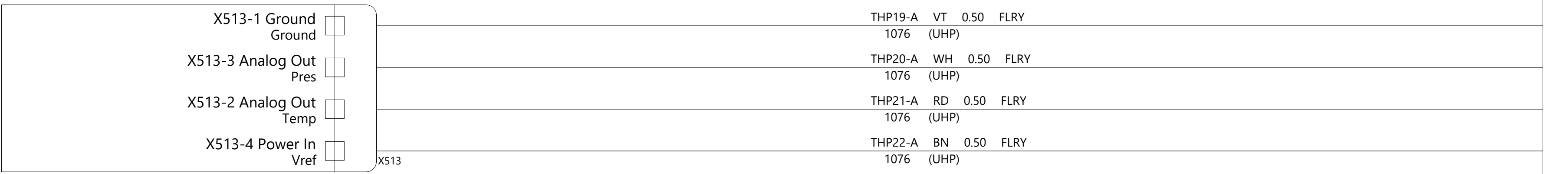
Refrigerant Temperature & Pressure Sensor - Suction
UHP X533



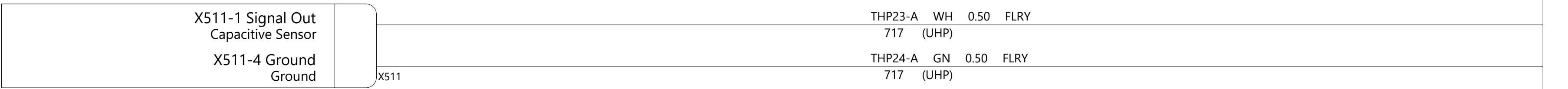
Refrigerant Temperature & Pressure Sensor - Discharge
UHP X534



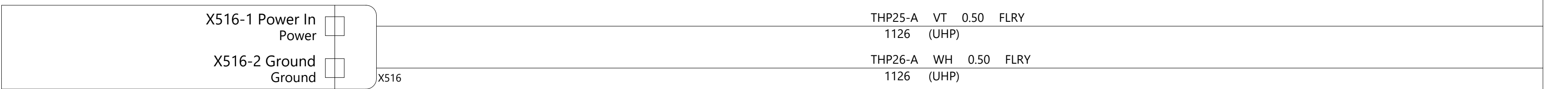
Refrigerant Temperature & Pressure Sensor - Subcool
UHP X513



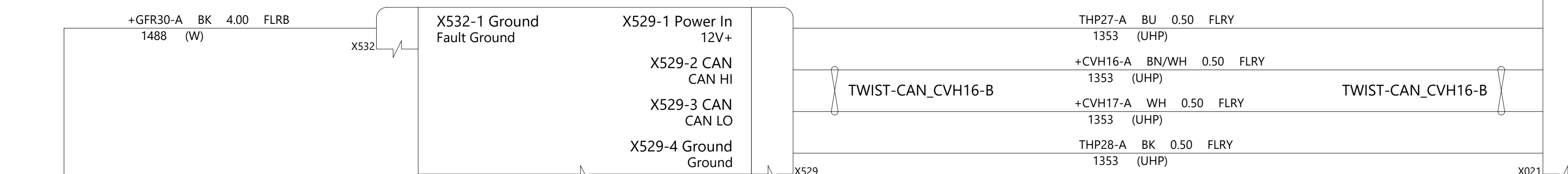
Coolant Level Sensor - HVAC Compressor
UHP X511



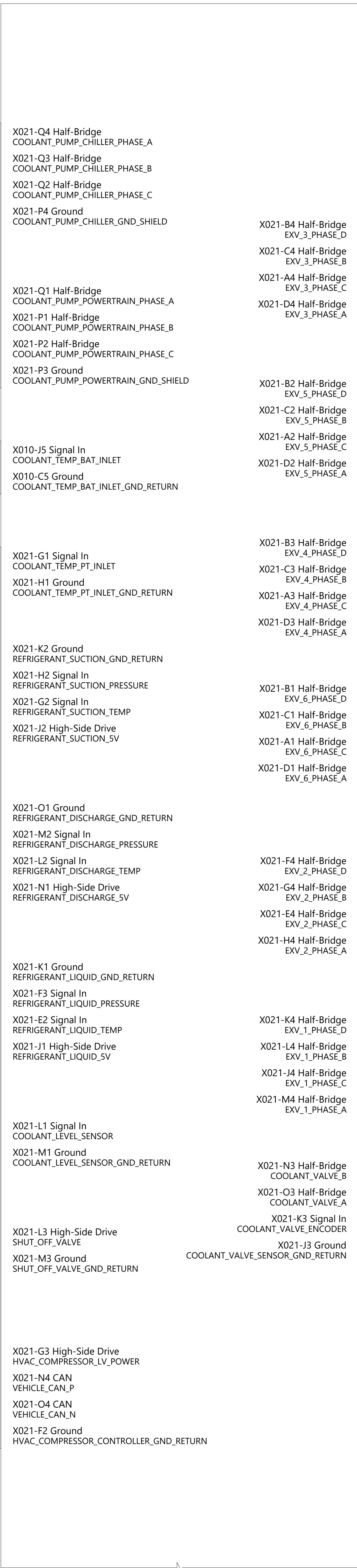
Refrigerant Evap Shut-Off Valve
UHP X516



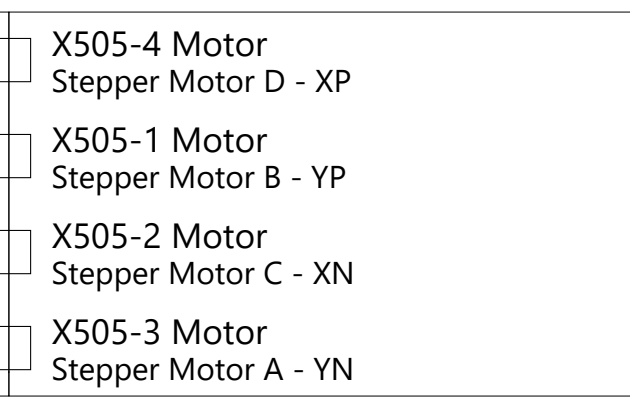
HVAC Compressor
UHP,W X529 X541 X532



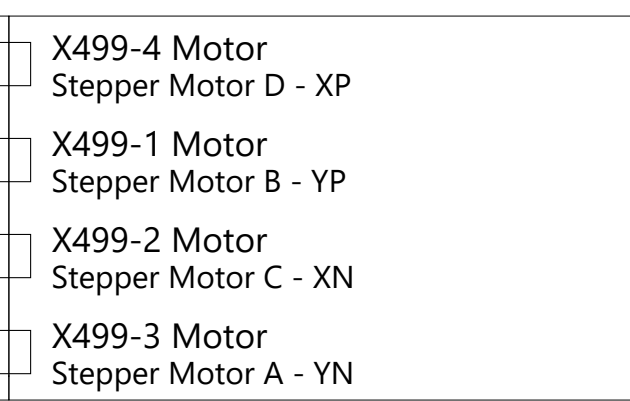
Front Controller
UHP,W X021 X010 X011 X012 X013 X014



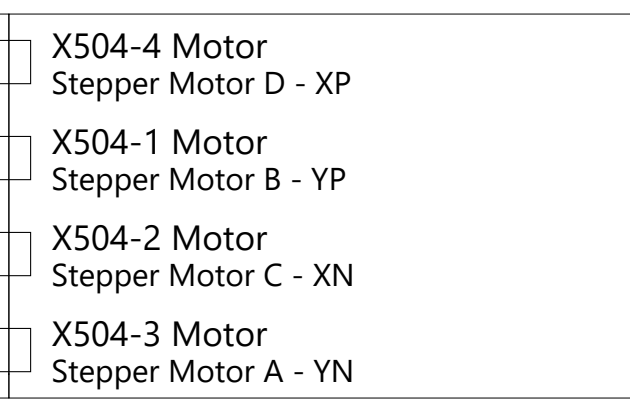
EXV - Recirc
UHP X505



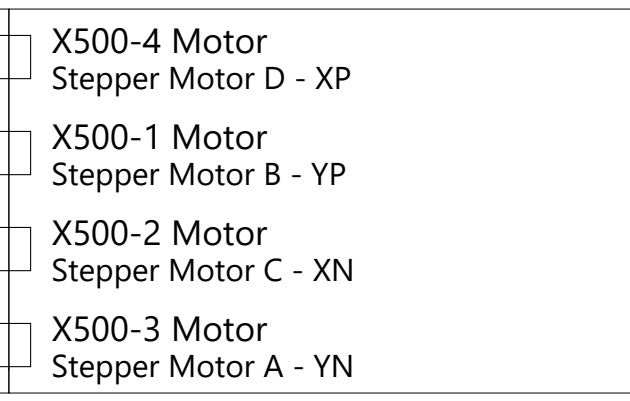
EXV - Cabin Condenser Left
UHP X499



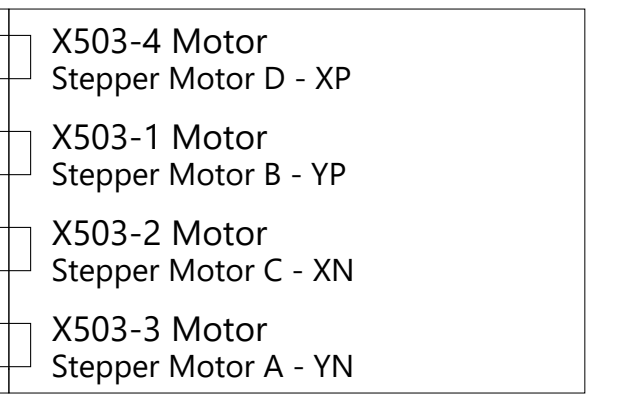
EXV - Liquid Cooled Condenser
UHP X504



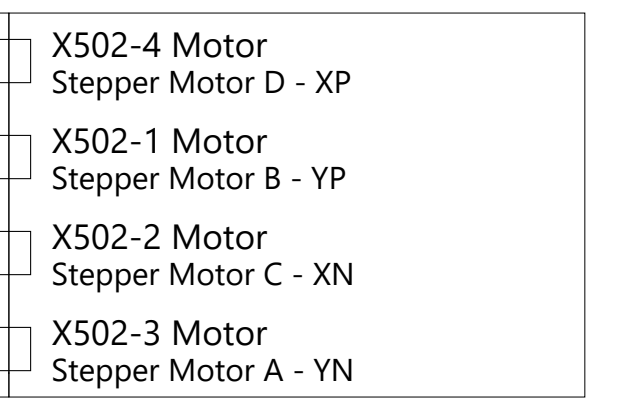
EXV - Cabin Condenser Right
UHP X500



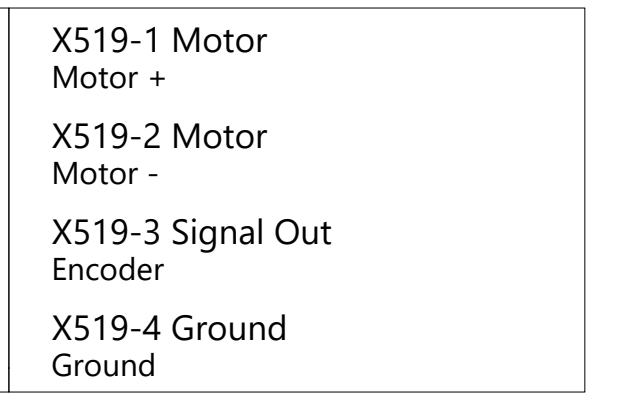
EXV - Evaporator
UHP X503



EXV - Chiller
UHP X502



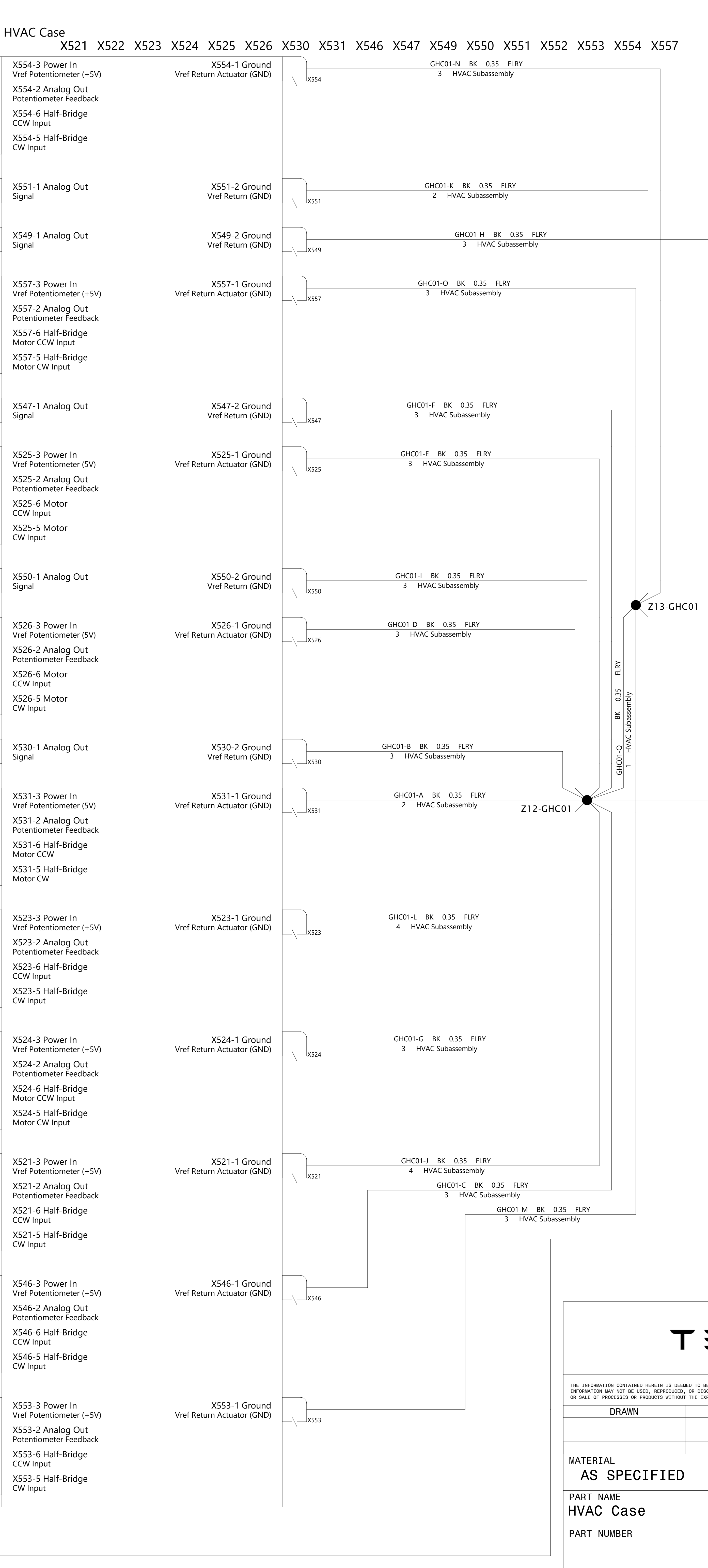
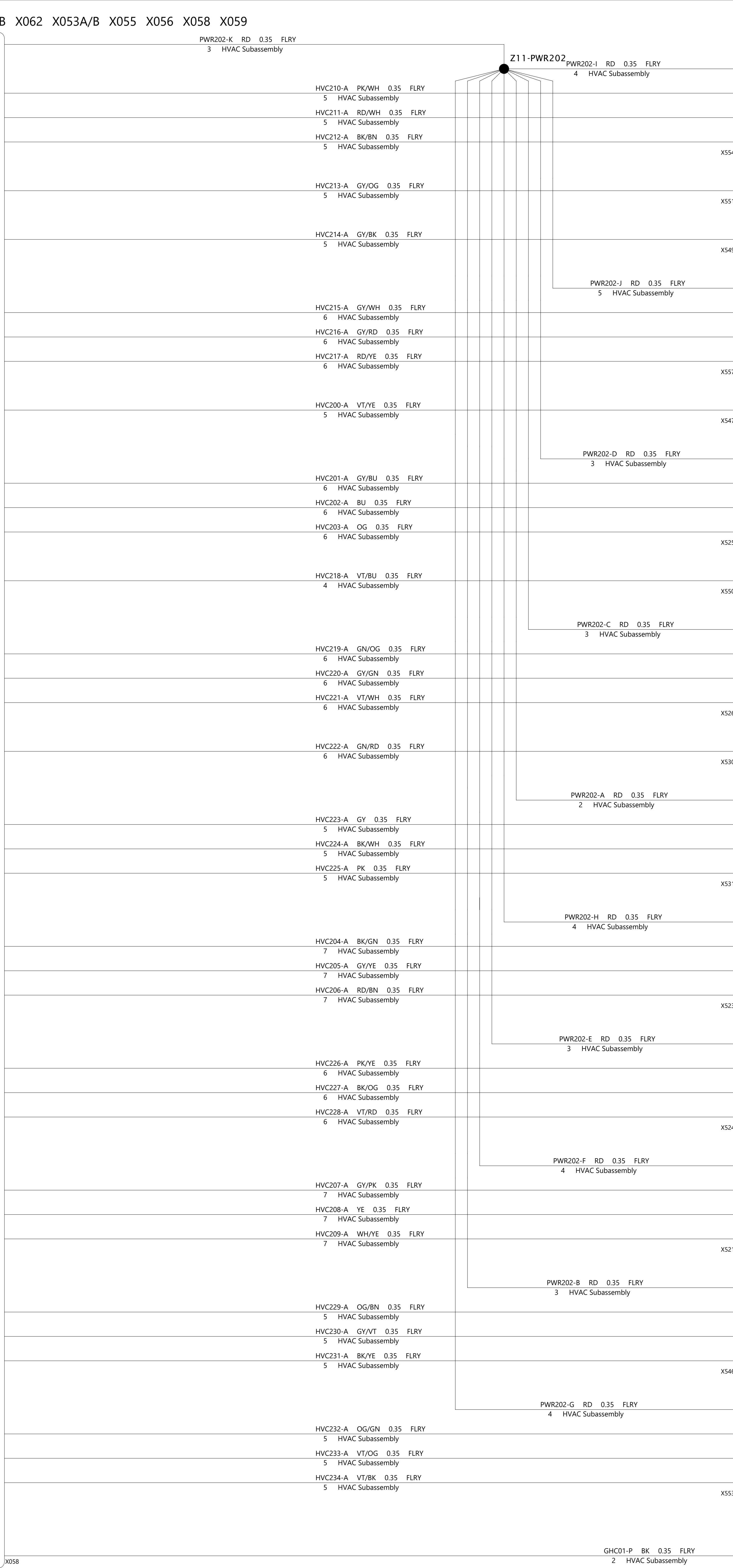
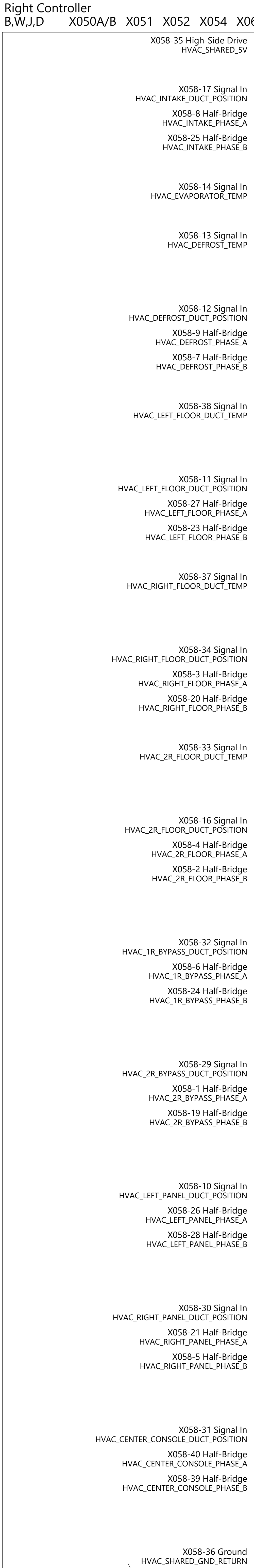
8-Way Coolant Valve
UHP X519



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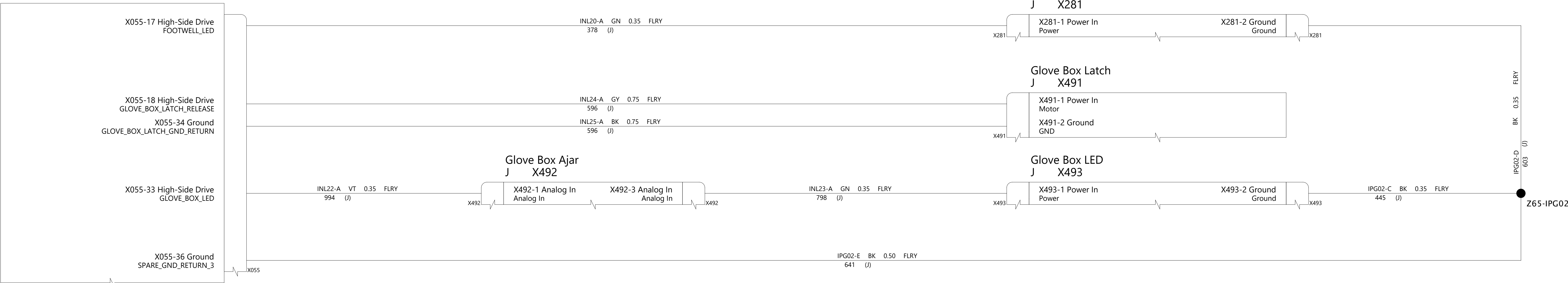
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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME HVAC - SuperManifold		
PART NUMBER	REV 3	SHEET 35 of 61 SIZE A0

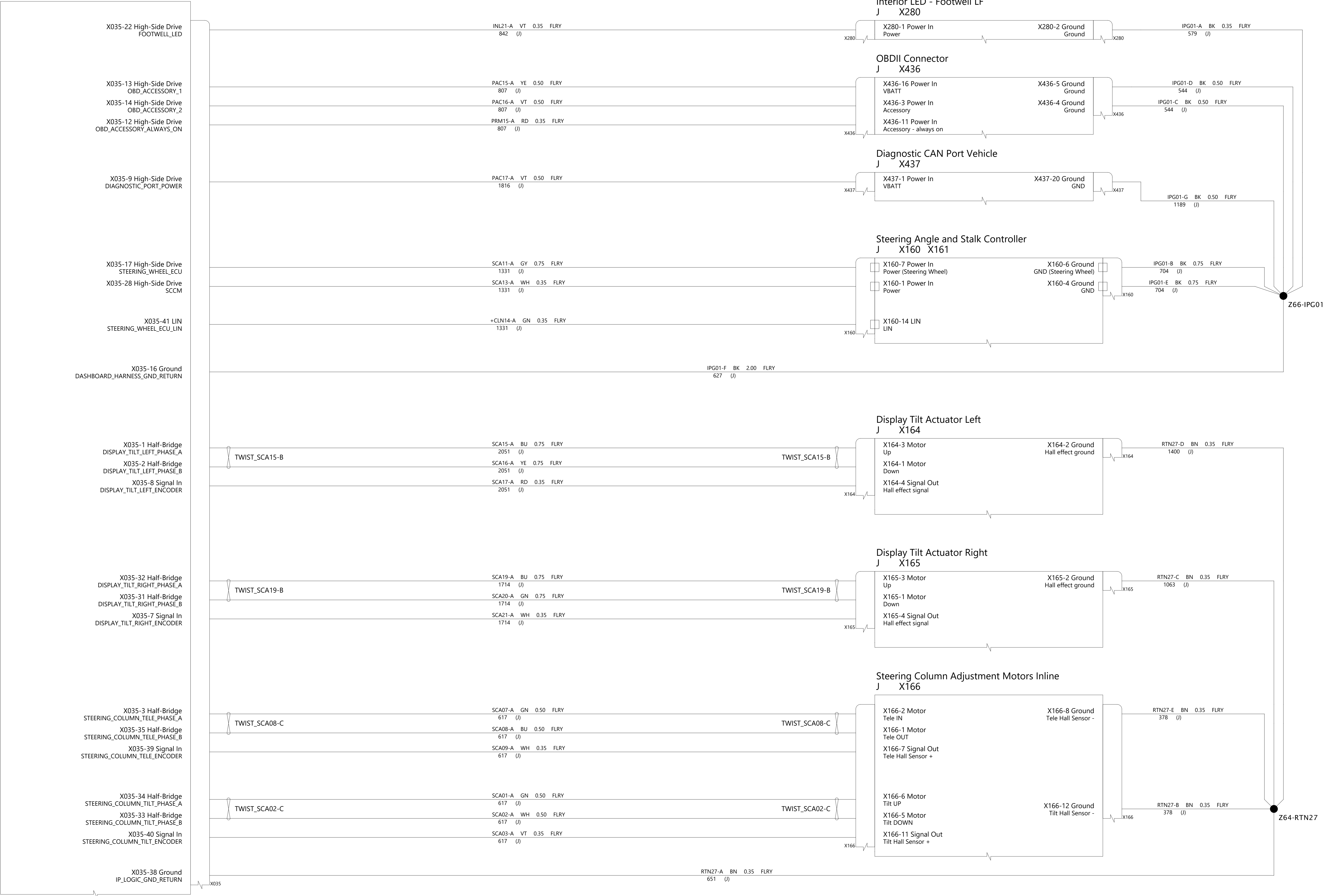


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DRAWN	CHECKED	APPROVED	
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE	
PART NAME HVAC Case			
PART NUMBER	REV 3	SHEET 36 of 61	SIZE A0

Right Controller
B,W,J,D X050A/B X051 X052 X054 X060A/B X062 X053A/B X055 X056 X058 X059

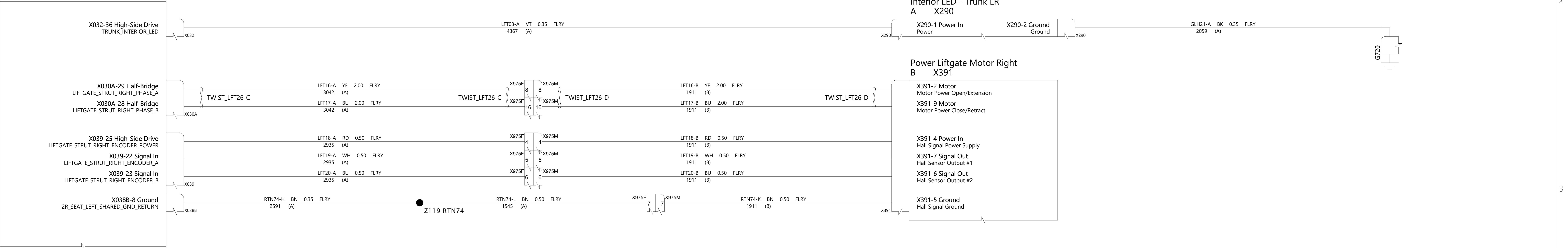


Left Controller
A,W,J,D X030A/B X031 X032 X034 X038A/B X039 X037 X033A/B X035 X036

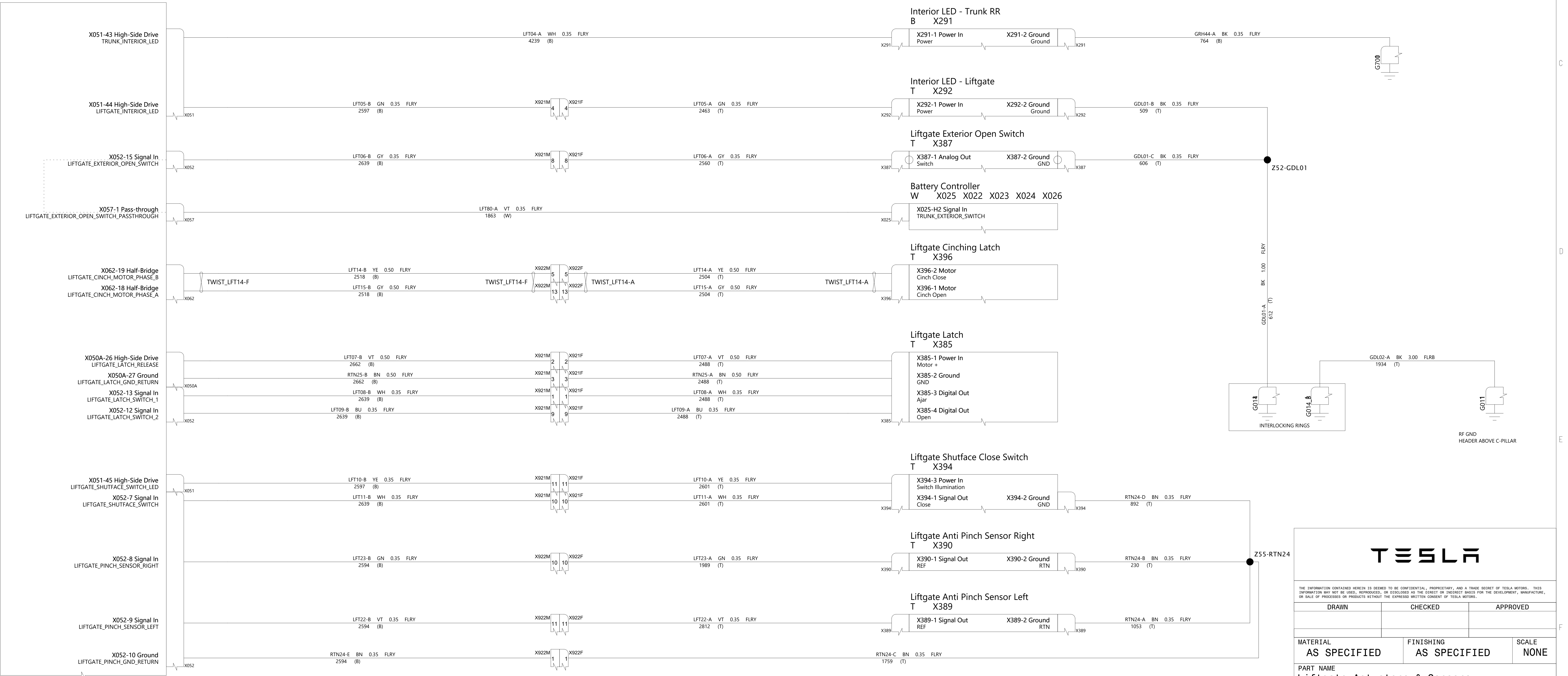


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DRAWN		CHECKED	
		APPROVED	
MATERIAL		FINISHING	
AS SPECIFIED		AS SPECIFIED	
		SCALE	
		NONE	
PART NAME			
Instrumental Panel			
PART NUMBER		REV	SHEET
		3	37 of 61
		SIZE	
		A0	

Left Controller
A,W,J,D X030A/B X031 X032 X034 X038A/B X039 X037 X033A/B X035 X036

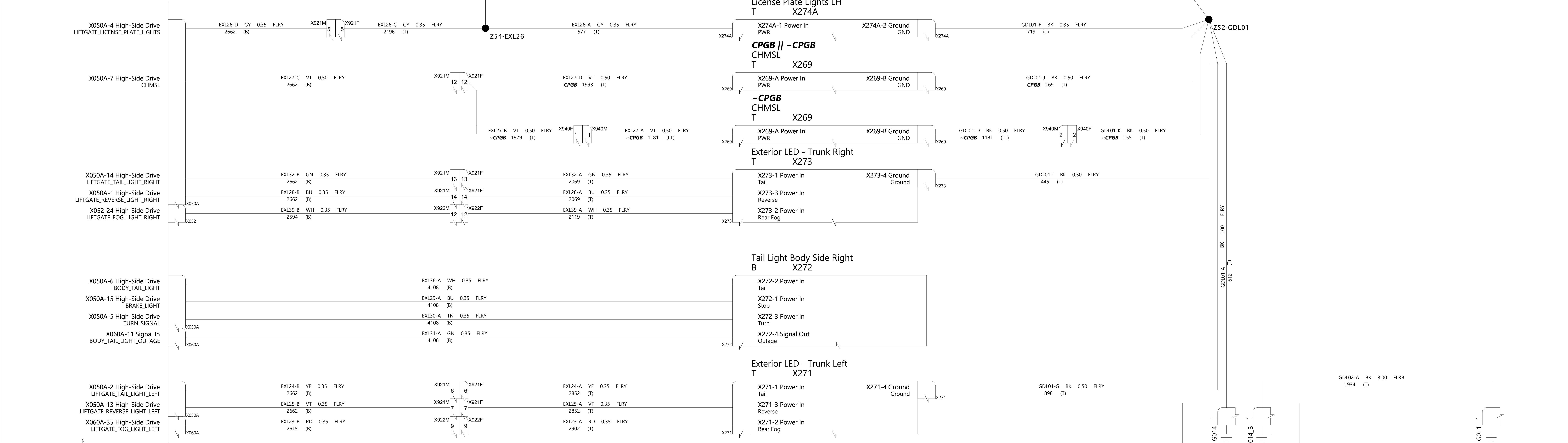


Right Controller
B,W,J,D X050A/B X051 X052 X054 X060A/B X062 X053A/B X055 X056 X058 X059

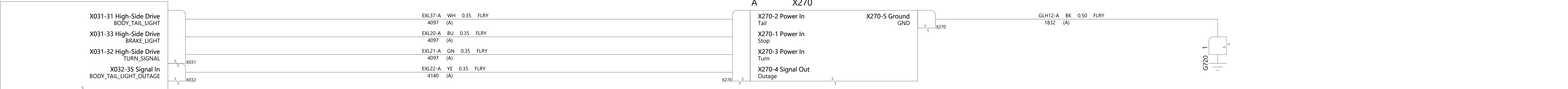


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DRAWN	CHECKED	APPROVED	
MATERIAL	FINISHING	SCALE	
AS SPECIFIED	AS SPECIFIED	NONE	
PART NAME			
Liftgate Actuators & Sensors			
PART NUMBER	REV	SHEET	SIZE
	3	38 OF 61	A0

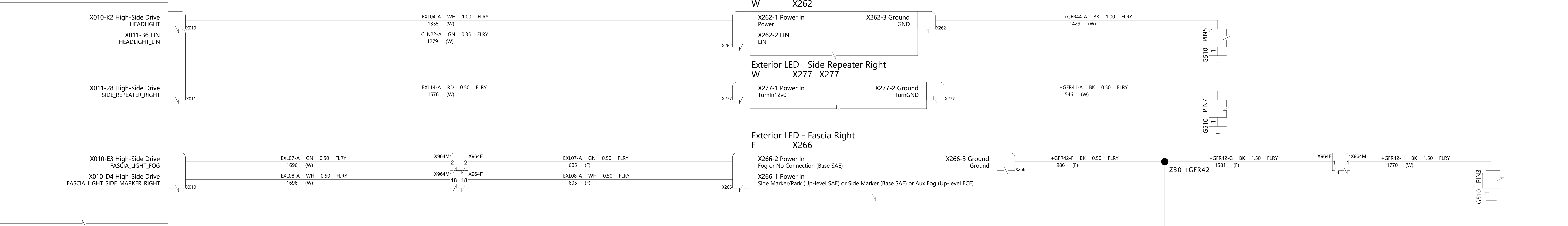
Right Controller
B,W,J,D X050A/B X051 X052 X054 X060A/B X062 X053A/B X055 X056 X058 X059



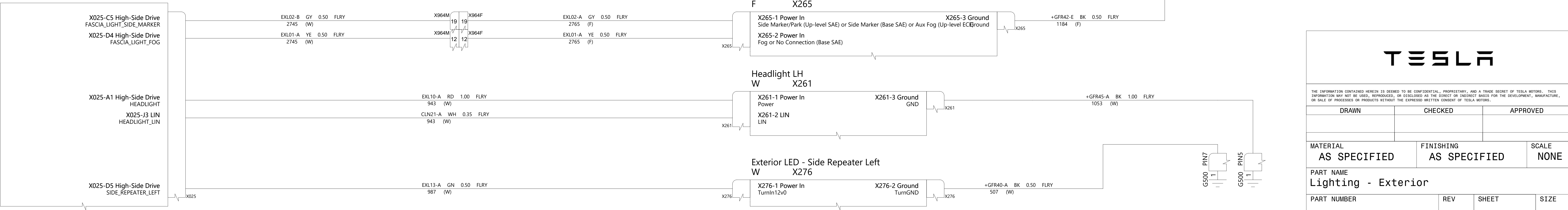
Left Controller
A,W,J,D X030A/B X031 X032 X034 X038A/B X039 X037 X033A/B X035 X036



Front Controller
UHP, W X021 X010 X011 X012 X013 X014



Battery Controller
W X025 X022 X023 X024 X026

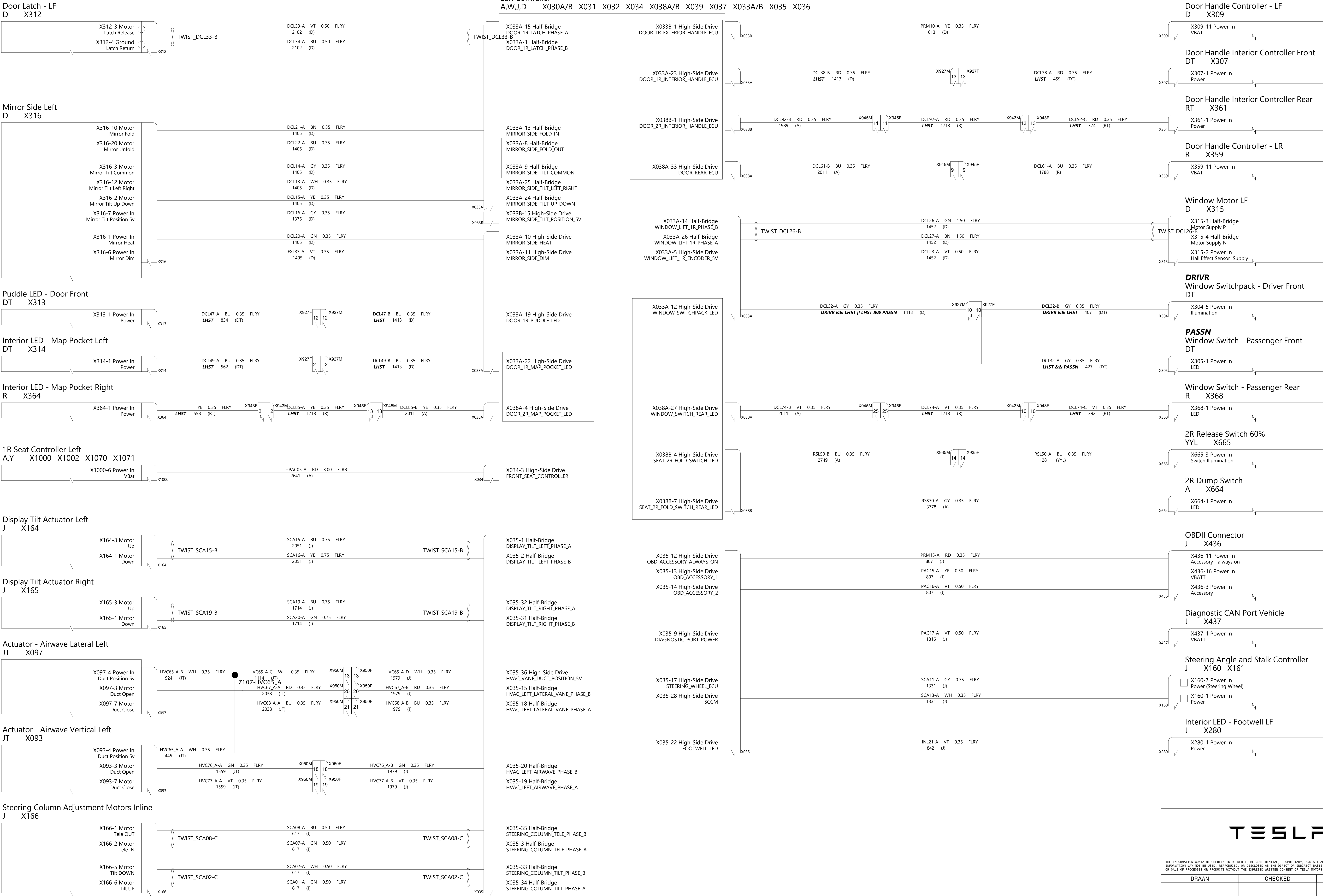


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DRAWN	CHECKED	APPROVED	
MATERIAL	FINISHING		SCALE
AS SPECIFIED	AS SPECIFIED		NONE
PART NAME			
Lighting - Exterior			
PART NUMBER	REV	SHEET	SIZE
	3	39 OF 61	A0

F



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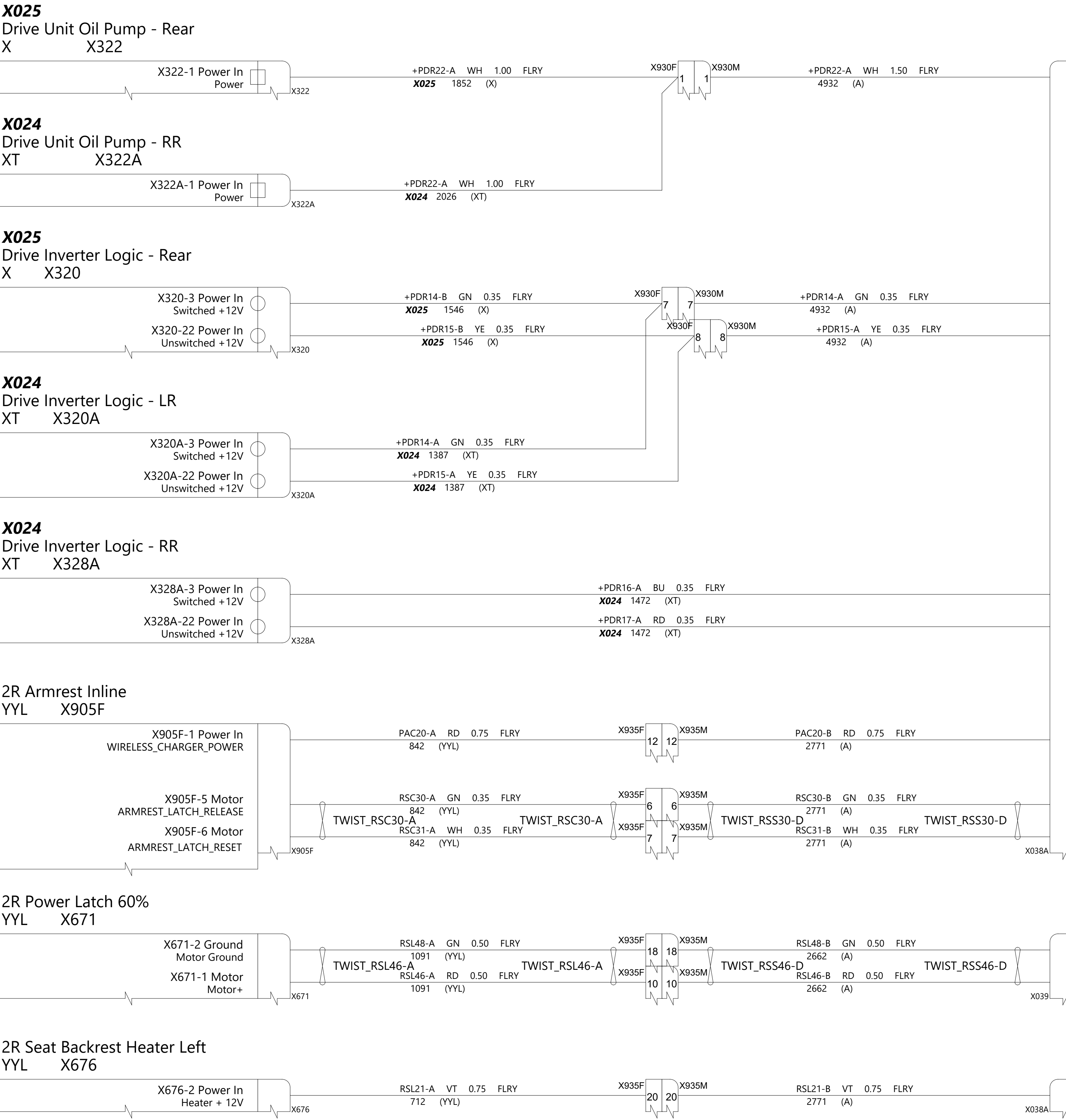
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DRAWN	CHECKED	APPROVED

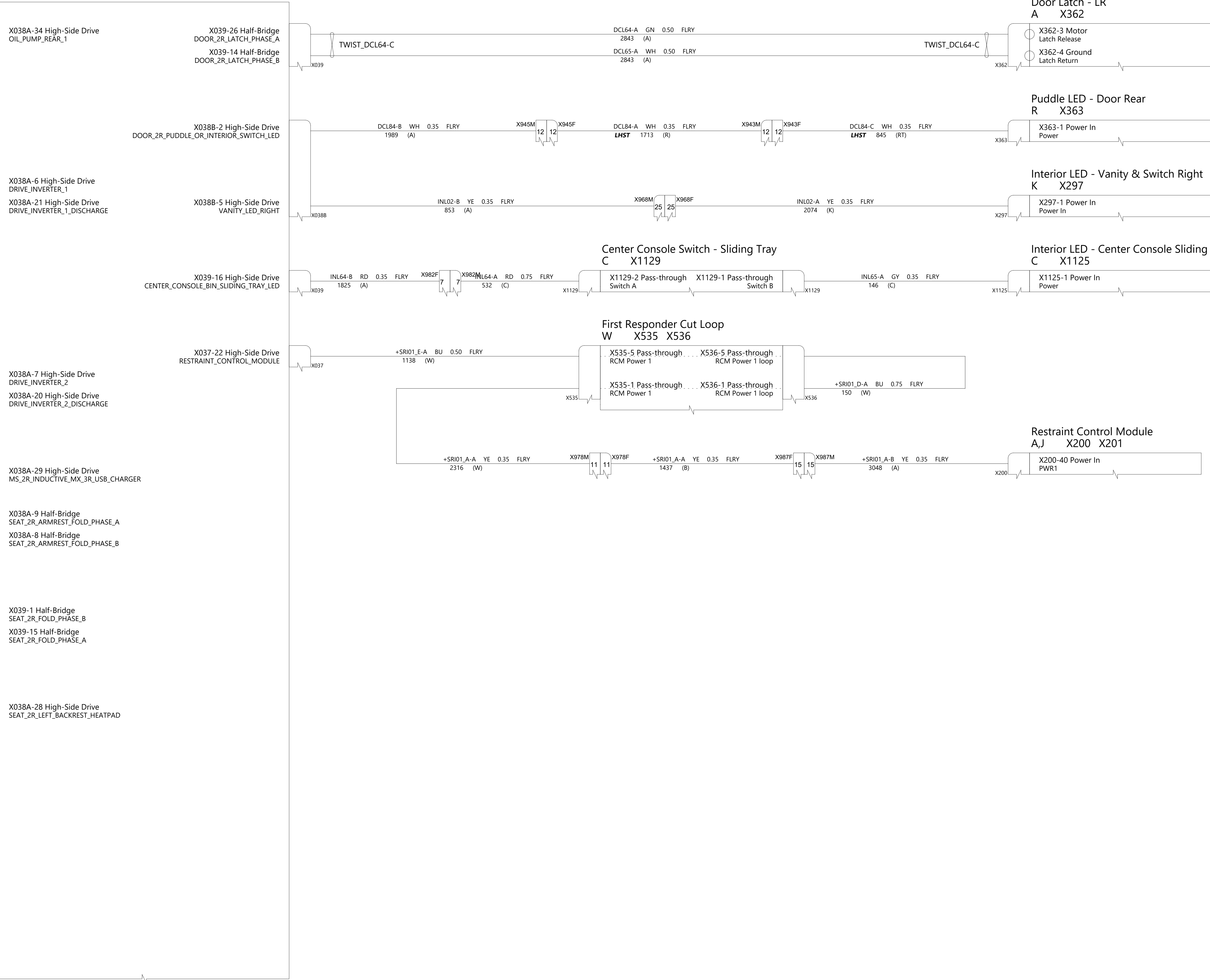
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
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PART NAME Power Distribution - Left Controller 2/3

PART NUMBER	REV	SHEET	SIZE
	3	43 of 61	A0



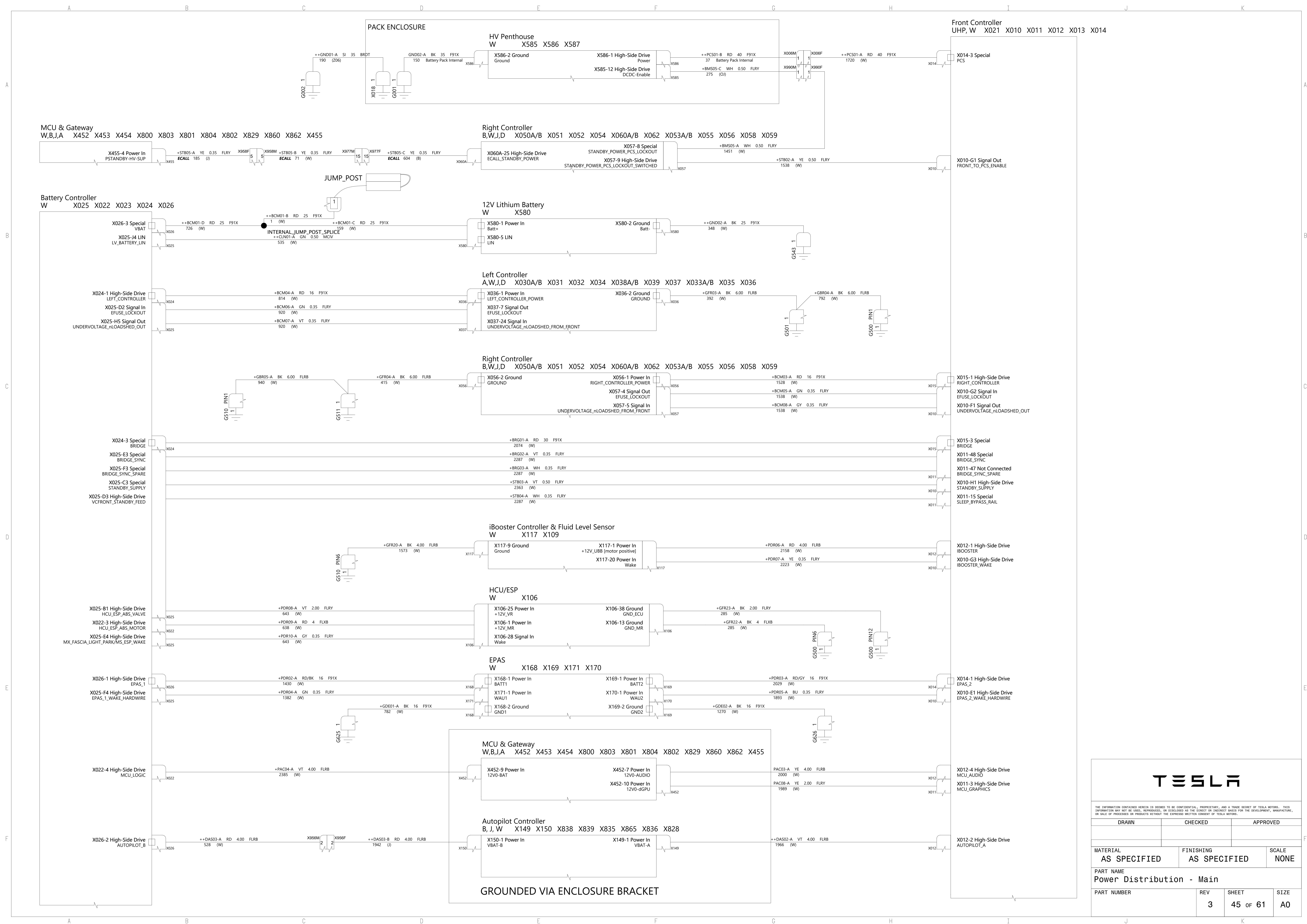
Left Controller
A,W,I,D X030A/B X031 X032 X034 X038A/B X039 X037 X033A/B X035 X036

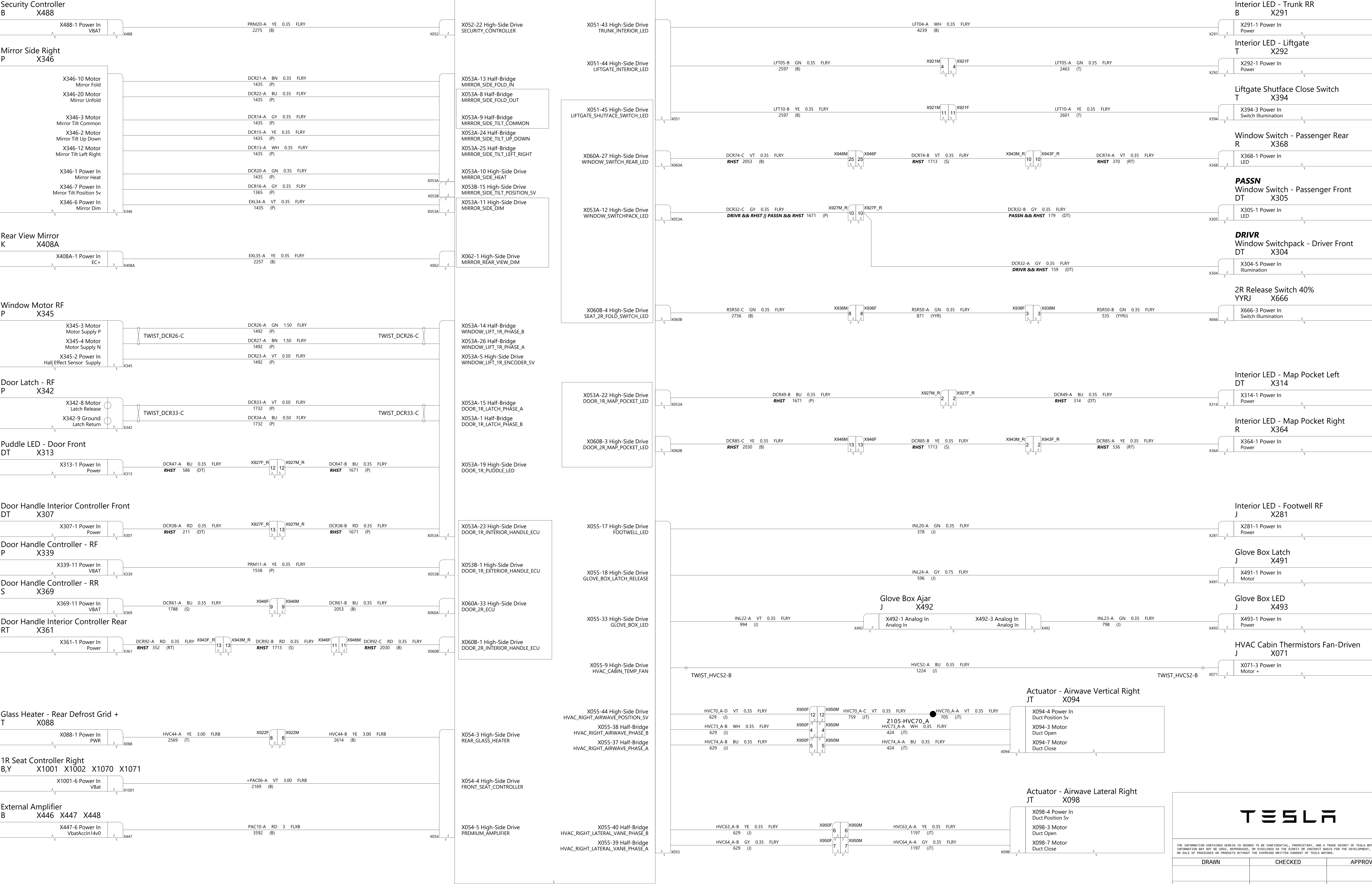


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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME Power Distribution - Left Controller 3/3		
PART NUMBER	REV 3	SHEET 44 of 61
		SIZE A0



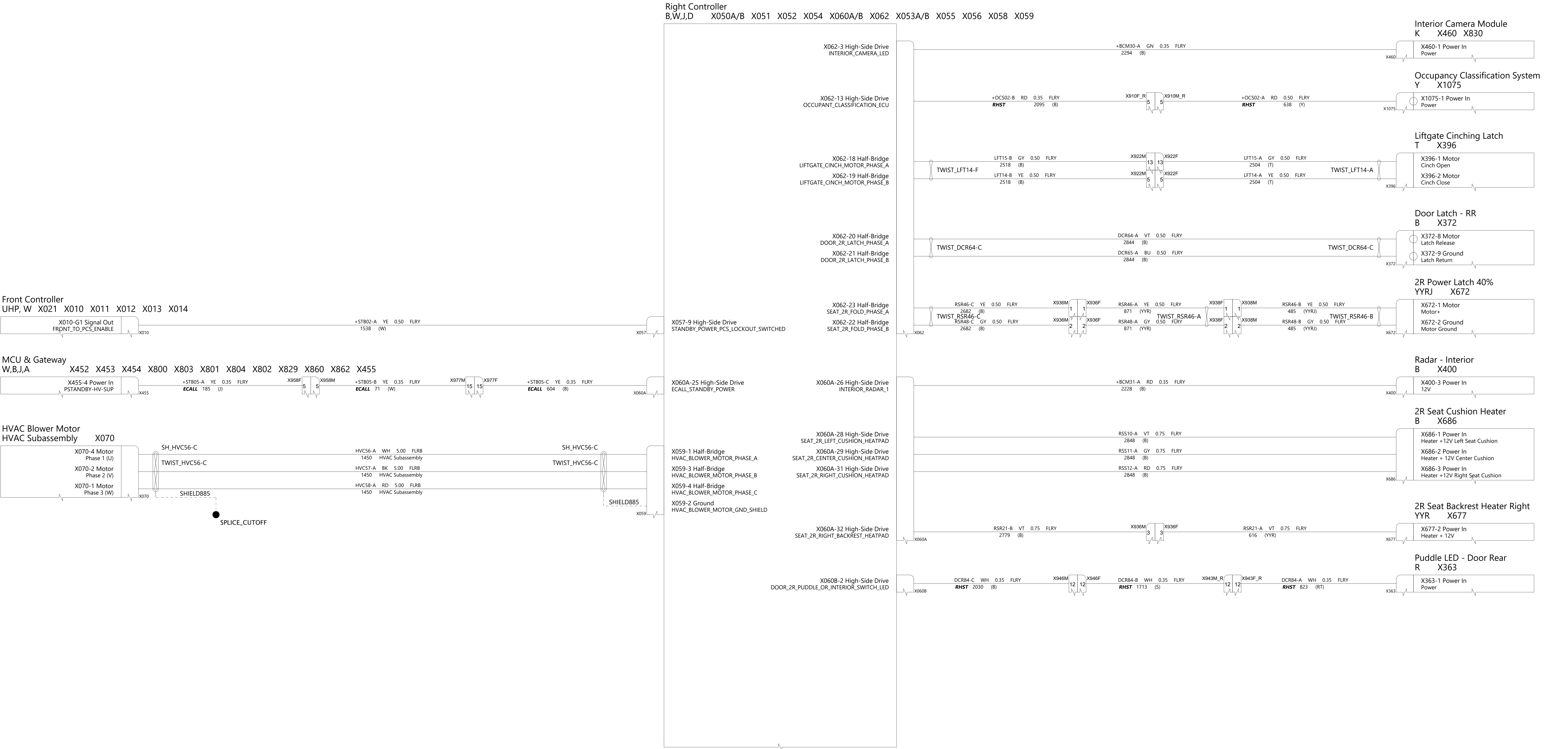


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DRAWN	CHECKED	APPROVED

MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME Power Distribution - Right Controller 2/3		
PART NUMBER	REV 3	SHEET 47 of 61
		SIZE A0



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DRAWN	CHECKED	APPROVED

MATERIAL	FINISHING	SCALE
AS SPECIFIED	AS SPECIFIED	NONE

PART NAME
Power Distribution - Right Controller 3/3

PART NUMBER	REV	SHEET	SIZE
	3	48 of 61	A0

Restraint Control Module
A,J X200 X201

First Responder Cut Loop
W X535 X536

Left Controller
A,W,J,D X030A/B X031 X032 X034 X038A/B X039 X037 X033A/B X035 X036

Right Controller
B,W,J,D X050A/B X051 X052 X054 X060A/B X062 X053A/B X055 X056 X058 X059

HV Penthouse
W X585 X586 X587

MCU & Gateway
W,B,J,A X452 X453 X454 X800 X803 X801 X804 X802 X829 X860 X862 X455

Impact Sensor - RF
W X211

Impact Sensor - Bumper Mid-Left
L X202

Impact Sensor - LF
W X210

Impact Sensor - Bumper Mid-Right
L X203

Pressure Sensor - LF Door
D X204

Pressure Sensor - RF Door
P X205

Impact Sensor - B-Pillar Left
A X206

Impact Sensor - B-Pillar Right
B X207

RENA
Impact Sensor - Door LR
R X246

RENA
Impact Sensor - Door RR
S X247

TESLA

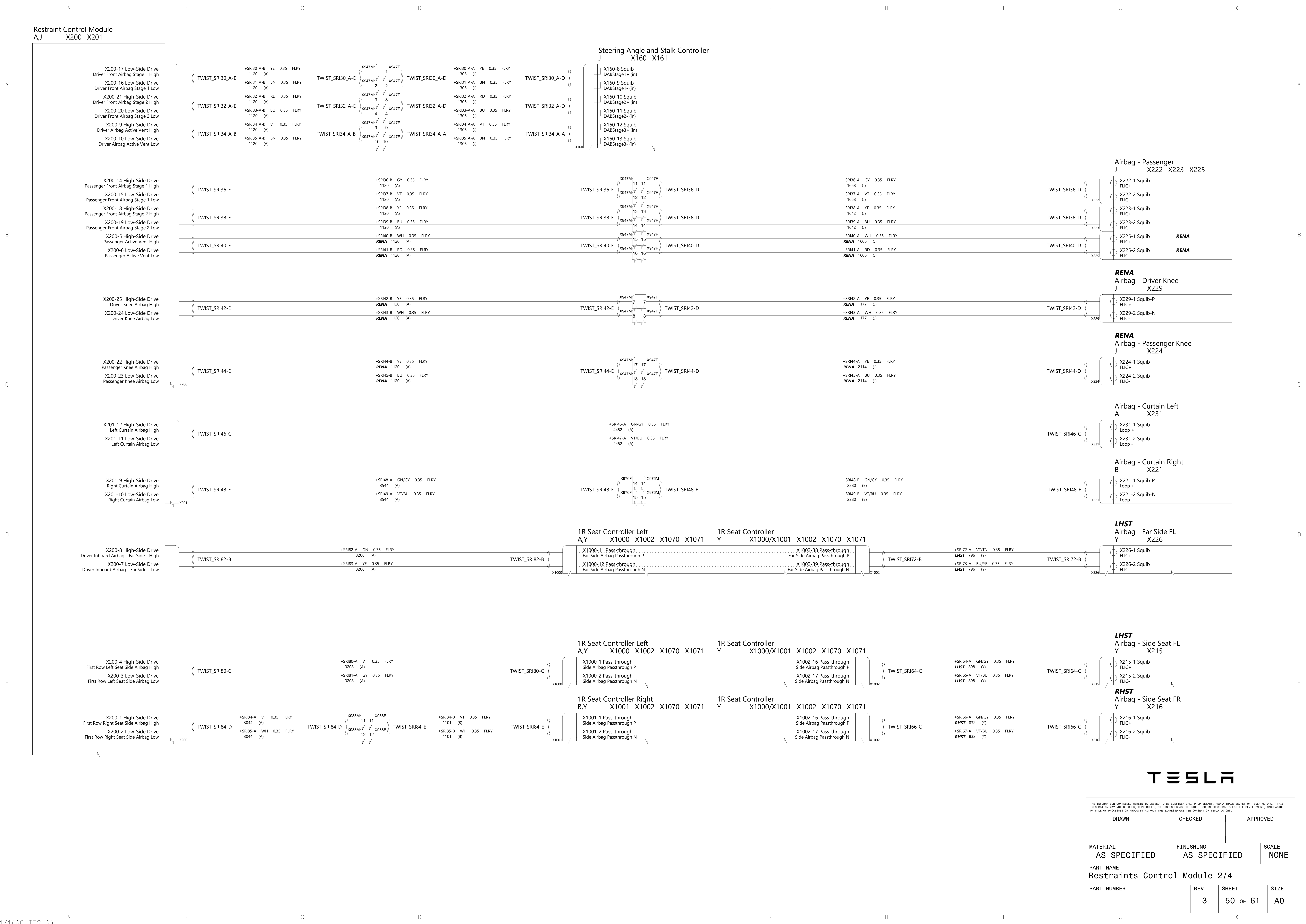
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DRAWN	CHECKED	APPROVED

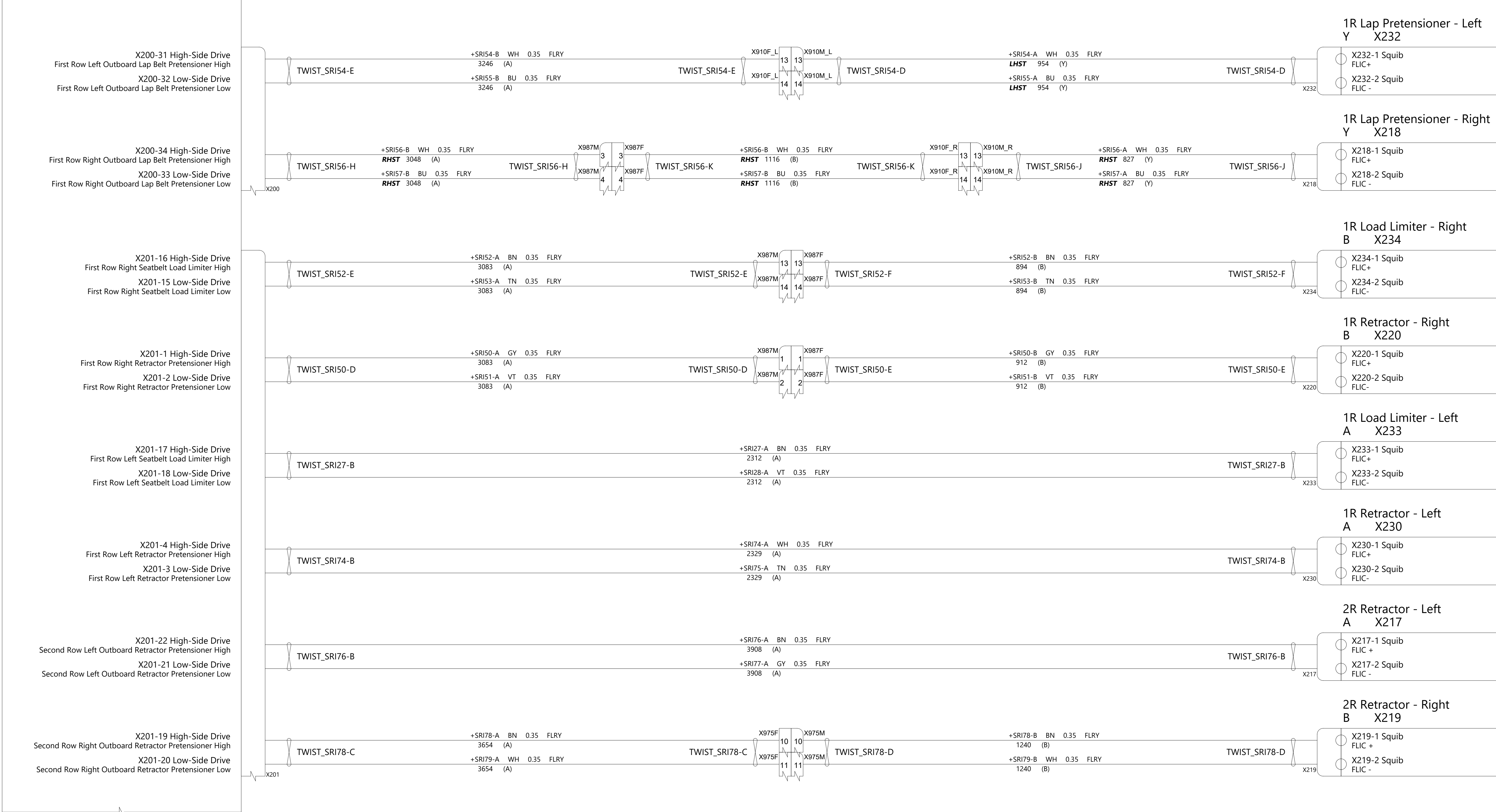
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
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PART NAME
Restraints Control Module 1/4

PART NUMBER	REV	SHEET	SIZE
	3	49 of 61	A0



Restraint Control Module
AJ X200 X201



TESLA

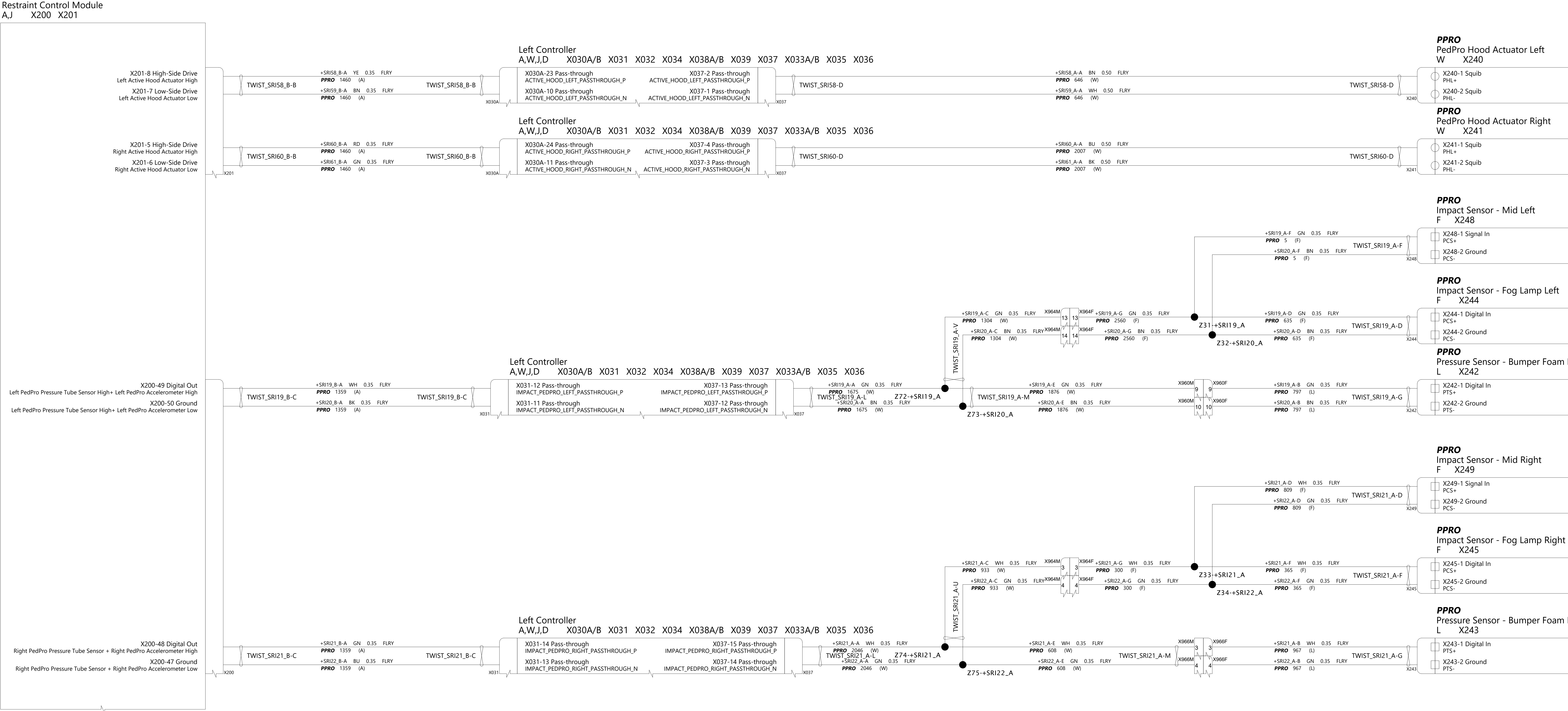
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DRAWN	CHECKED	APPROVED

MATERIAL	FINISHING	SCALE
AS SPECIFIED	AS SPECIFIED	NONE

PART NAME
Restraints Control Module 3/4

PART NUMBER	REV	SHEET	SIZE
	3	51 of 61	A0



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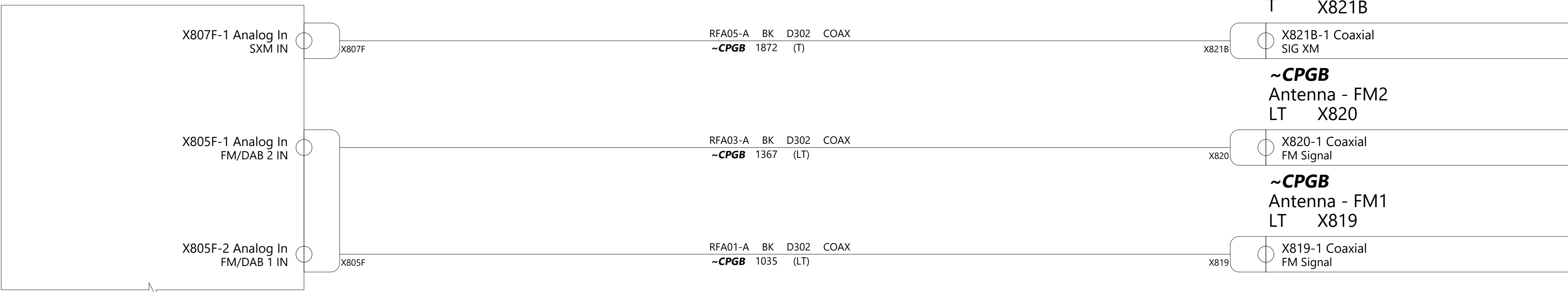
DRAWN	CHECKED	APPROVED

MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
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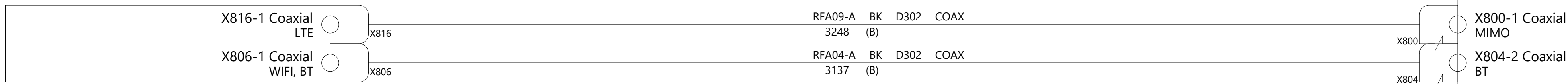
PART NAME
Restraints Control Module 4/4

PART NUMBER	REV	SHEET	SIZE
	3	52 of 61	A0

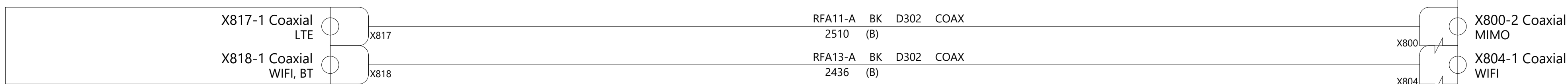
~CPGB
Radio Tuner
T,LT X439 X805F X807F



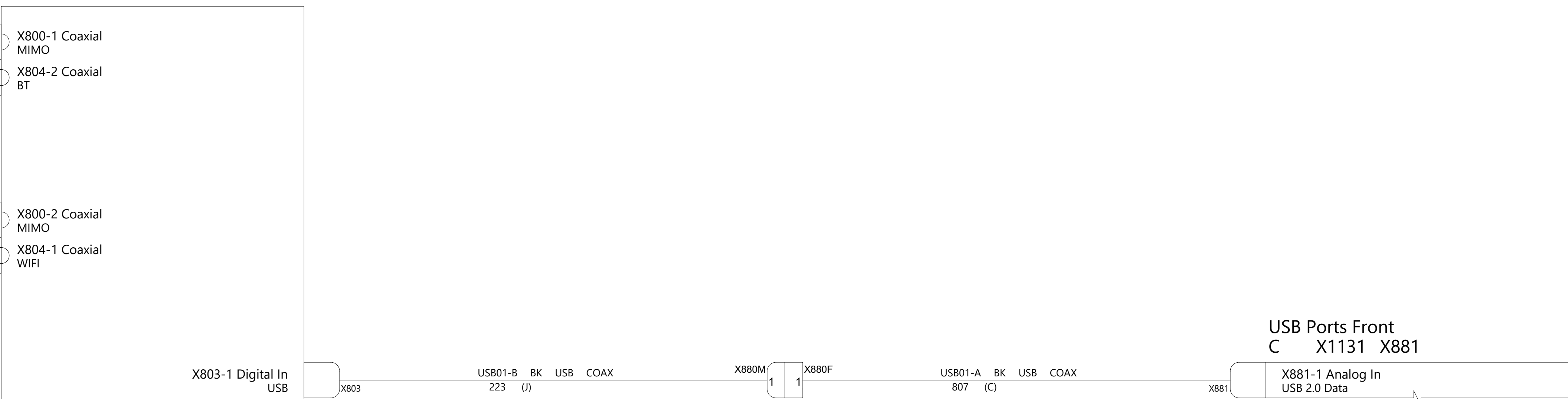
Antenna - LTE & WiFi LF
B X816 X806



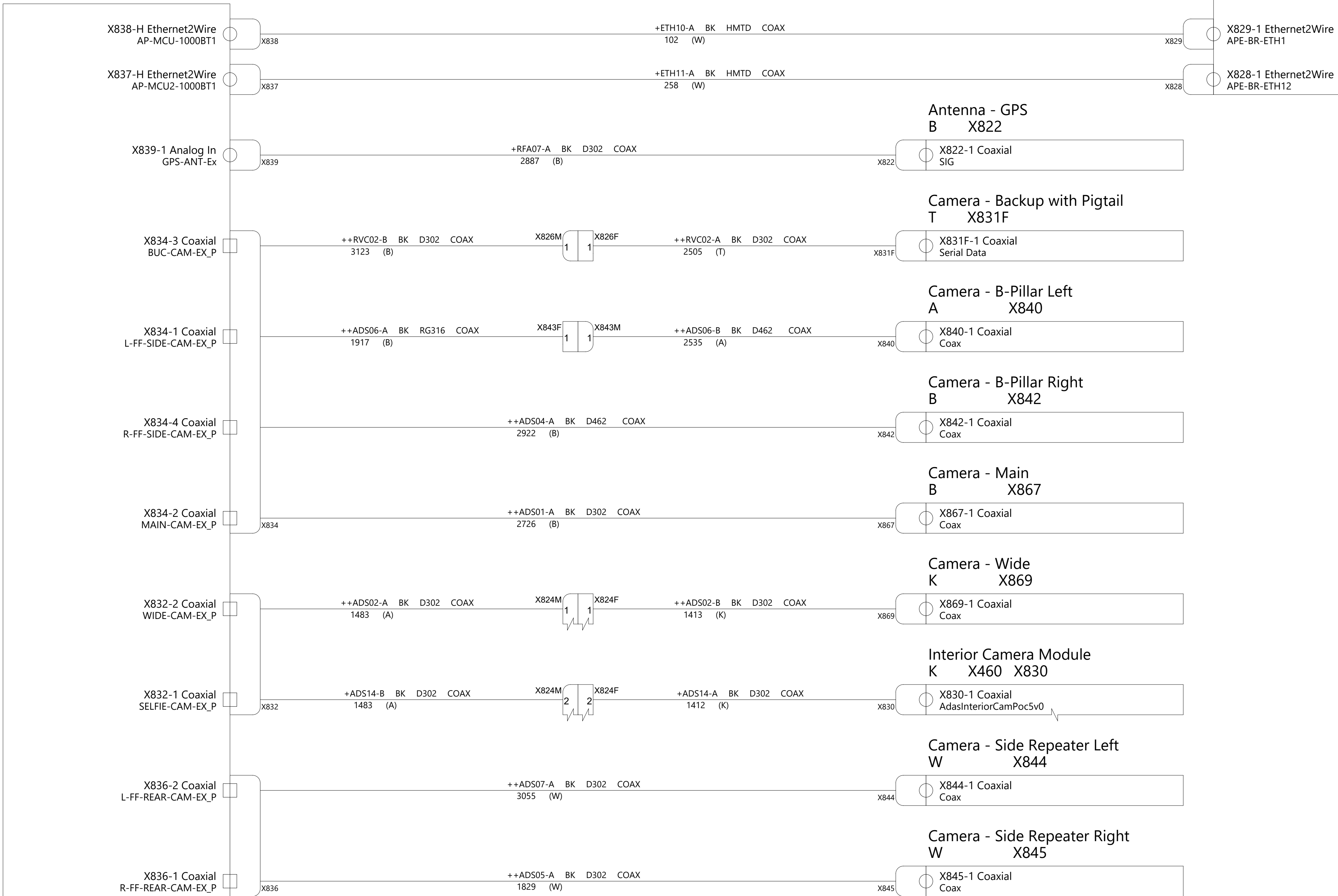
Antenna - LTE & WiFi RF
B X817 X818



MCU & Gateway
W,B,J,A X452 X453 X454 X800 X803 X801 X804 X802 X829 X860 X862 X455



Autopilot Controller
B, J, W X149 X150 X838 X839 X835 X865 X836 X828

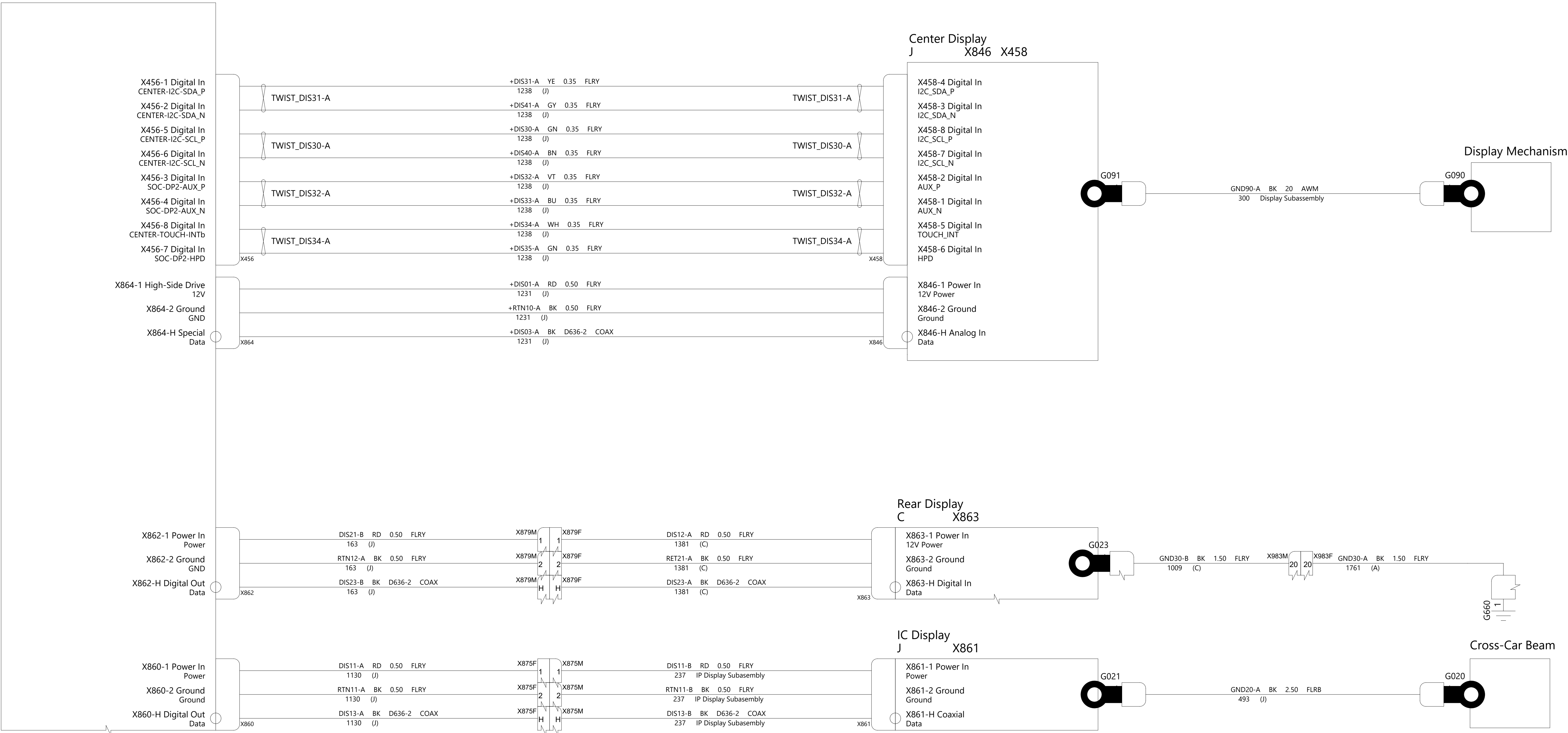


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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME RF Cables 1/2		
PART NUMBER	REV 3	SHEET 53 of 61
		SIZE A0

MCU & Gateway
W,B,J,A X452 X453 X454 X800 X803 X801 X804 X802 X829 X860 X862 X455



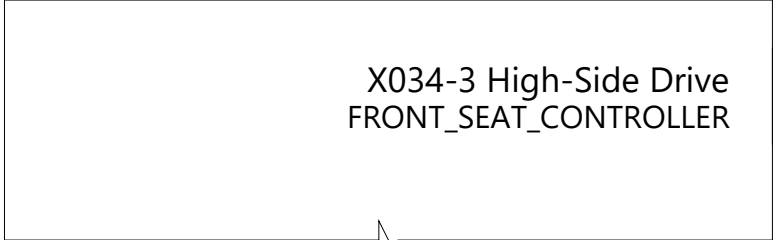
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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME RF Cables 2/2		
PART NUMBER	REV 3	SHEET 54 of 61
		SIZE A0

Left Controller

A,W,J,D X030A/B X031 X032 X034 X038A/B X039 X037 X033A/B X035 X036



X034

+PAC05-A RD 3.00 FLRB
2641 (A)

1R Seat Controller Left

A,Y X1000 X1002 X1070 X1071

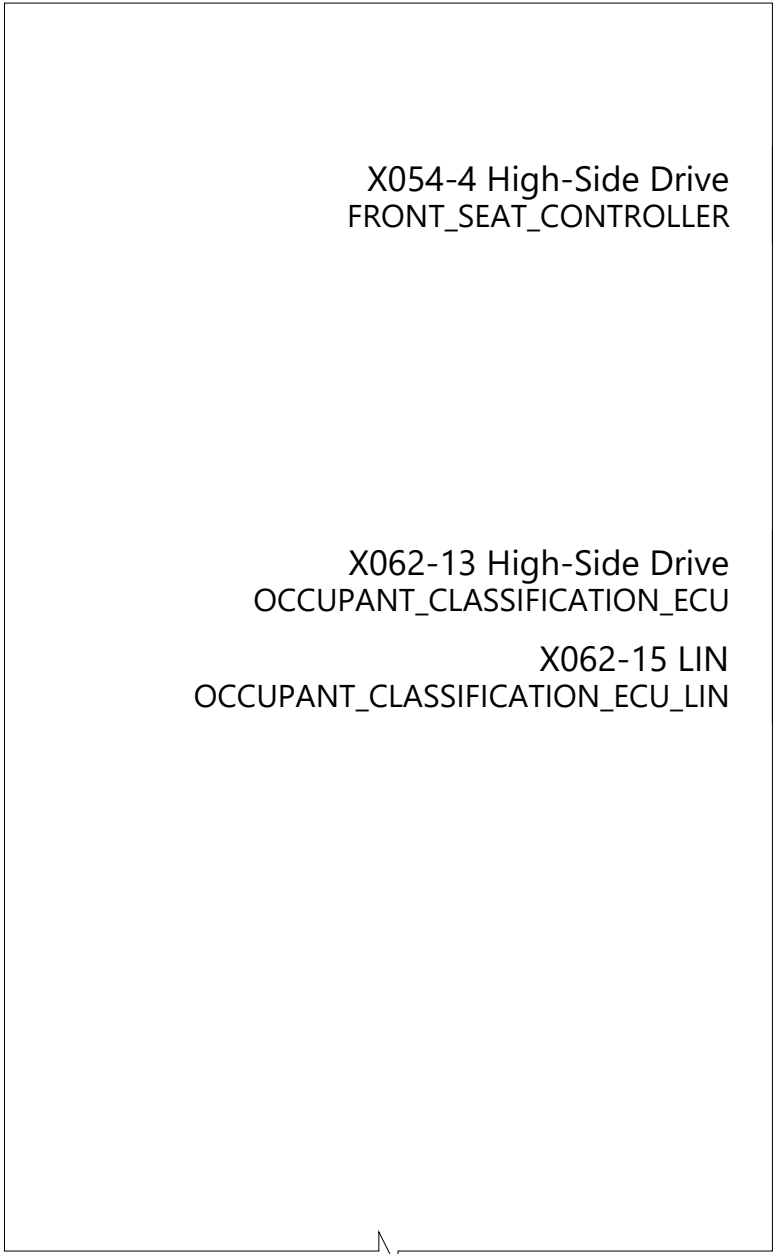


+GLH22-A BK 3.00 FLRB
2492 (A)

+GLH21-A BK 3.00 FLRB
2492 (A)

Right Controller

B,W,J,D X050A/B X051 X052 X054 X060A/B X062 X053A/B X055 X056 X058 X059

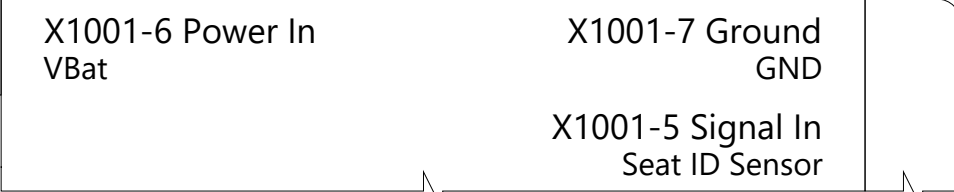


X054

+PAC06-A VT 3.00 FLRB
2169 (B)

1R Seat Controller Right

B,Y X1001 X1002 X1070 X1071

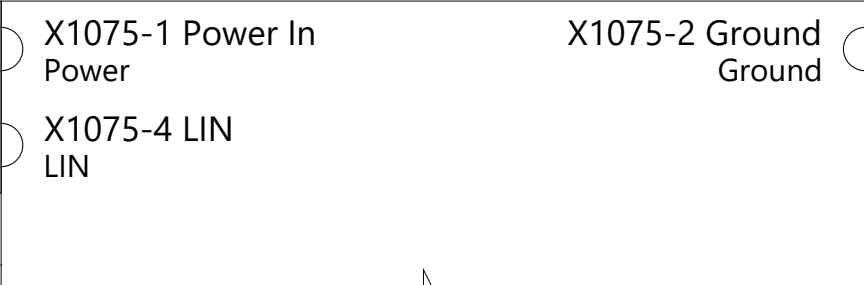


+GRH20-A BK 3.00 FLRB
1977 (B)

+GRH21-A BK 3.00 FLRB
1977 (B)

Occupancy Classification System

Y X1075



+OCS02-B RD 0.35 FLRY
RHST 2095 (B)

+CLN16-B GN 0.35 FLRY
RHST 2095 (B)

X910F_R 5
X910F_R 7

X910M_R 5
X910M_R 7

+OCS02-A RD 0.50 FLRY
RHST 638 (Y)

+CLN16-A GN 0.50 FLRY
RHST 638 (Y)

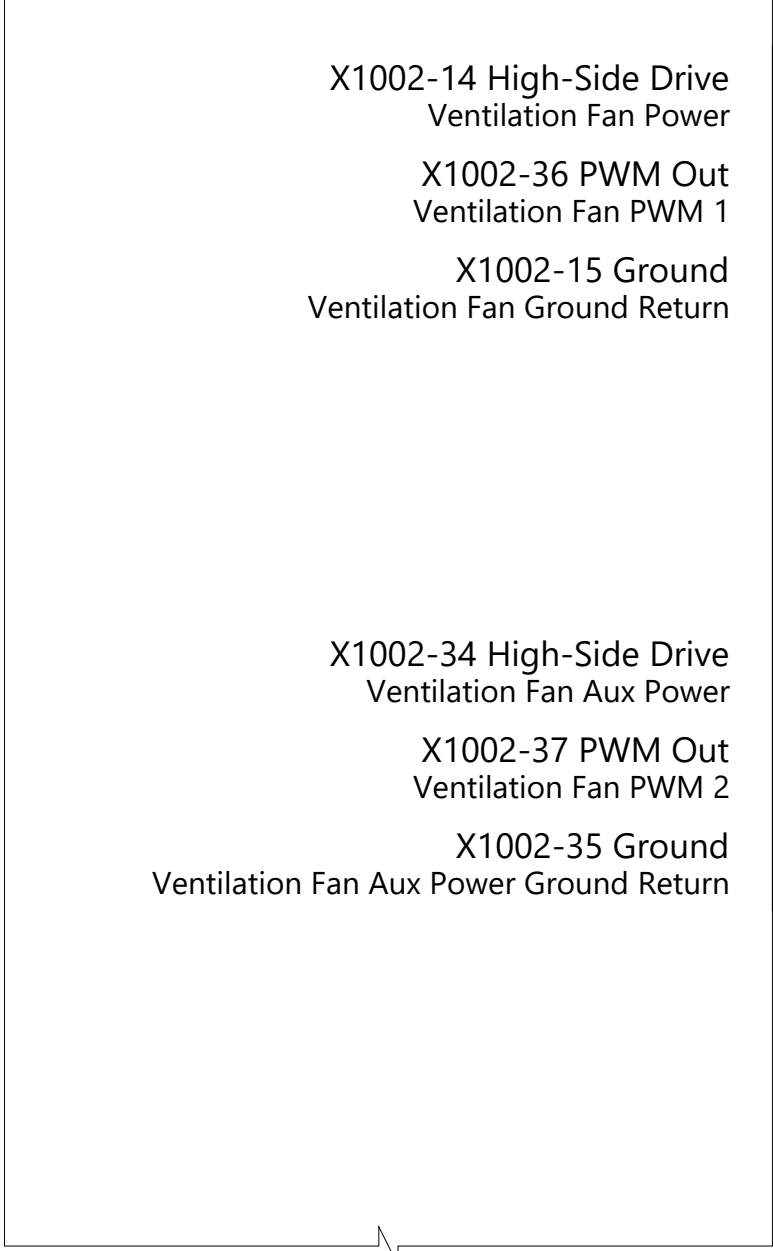
+GRH56-A BK 0.50 FLRY
RHST 638 (Y)

X910M_R 6
X910F_R 6

+GRH56-B BK 0.50 FLRY
RHST 1999 (B)

1R Seat Controller

Y X1000/X1001 X1002 X1070 X1071



X1002

SCE50-A YE 0.35 FLRY
1138 (Y)

SCE51-A GN 0.35 FLRY
1138 (Y)

RTN69-A BN 0.35 FLRY
1138 (Y)

1R Seat Backrest Ventilation

Y X1028



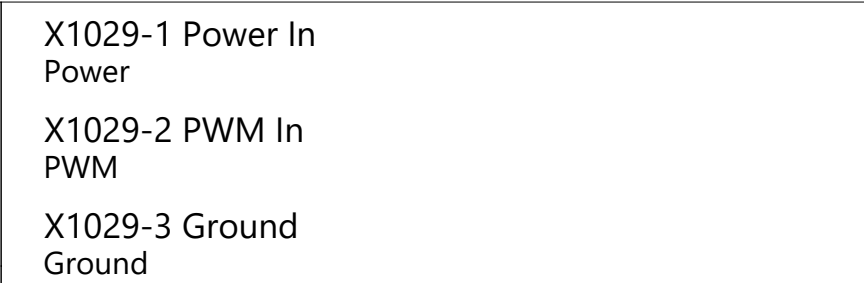
SCE53-A YE 0.35 FLRY
533 (Y)

SCE52-A VT 0.35 FLRY
533 (Y)

RTN68-A BN 0.35 FLRY
533 (Y)

1R Seat Cushion Ventilation

Y X1029



+GLH56-A BK 0.50 FLRY
LHST 660 (Y)

X910M_L 6
X910F_L 6

+GLH56-B BK 0.50 FLRY
LHST 2530 (A)

Ge60

Ge60

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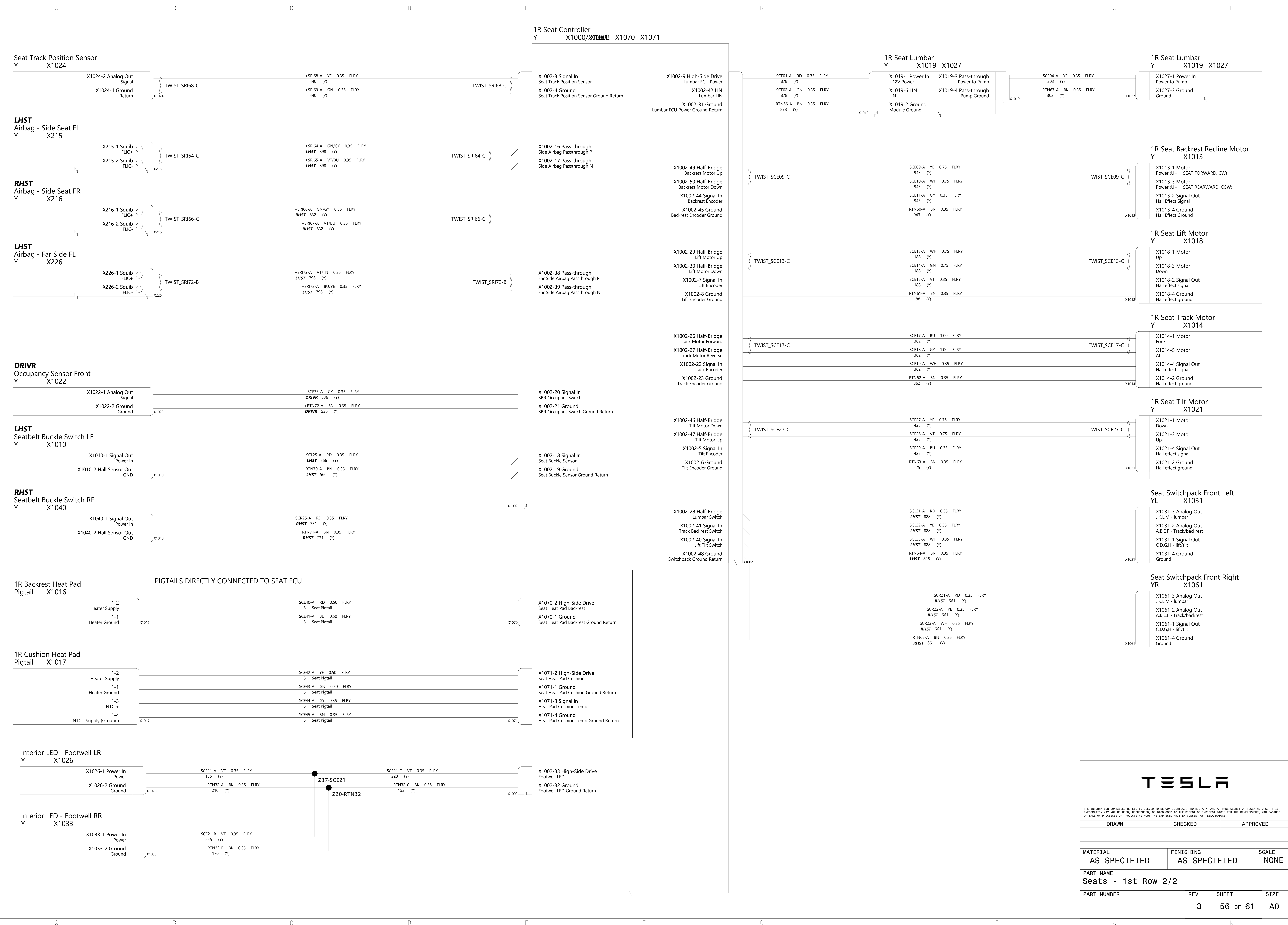
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DRAWN	CHECKED	APPROVED

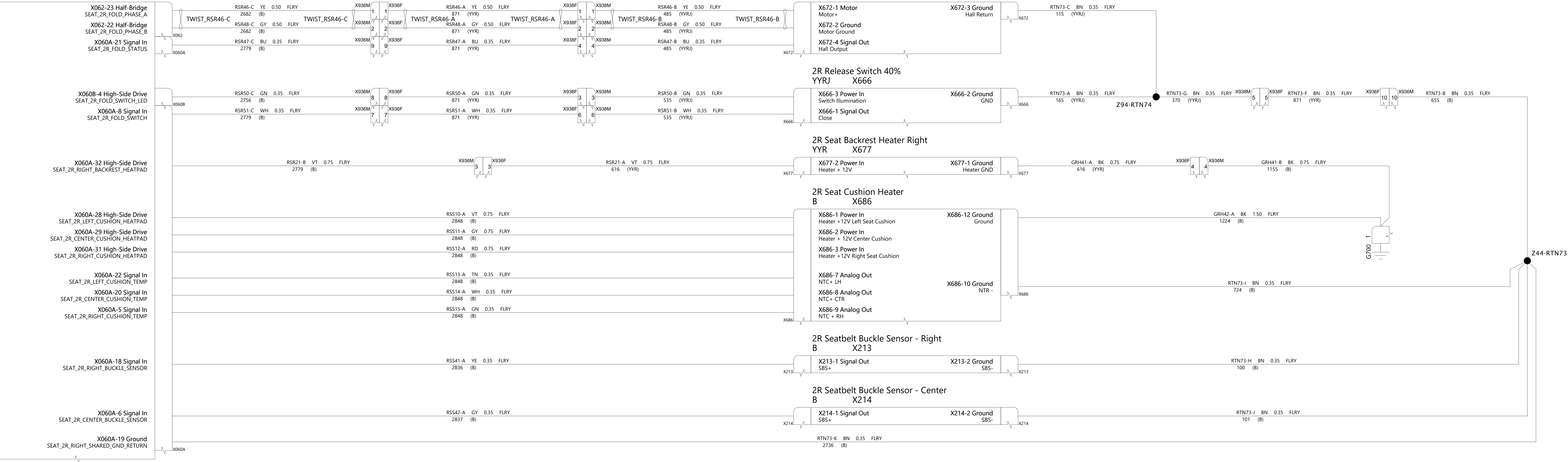
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
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PART NAME Seats - 1st Row 1/2

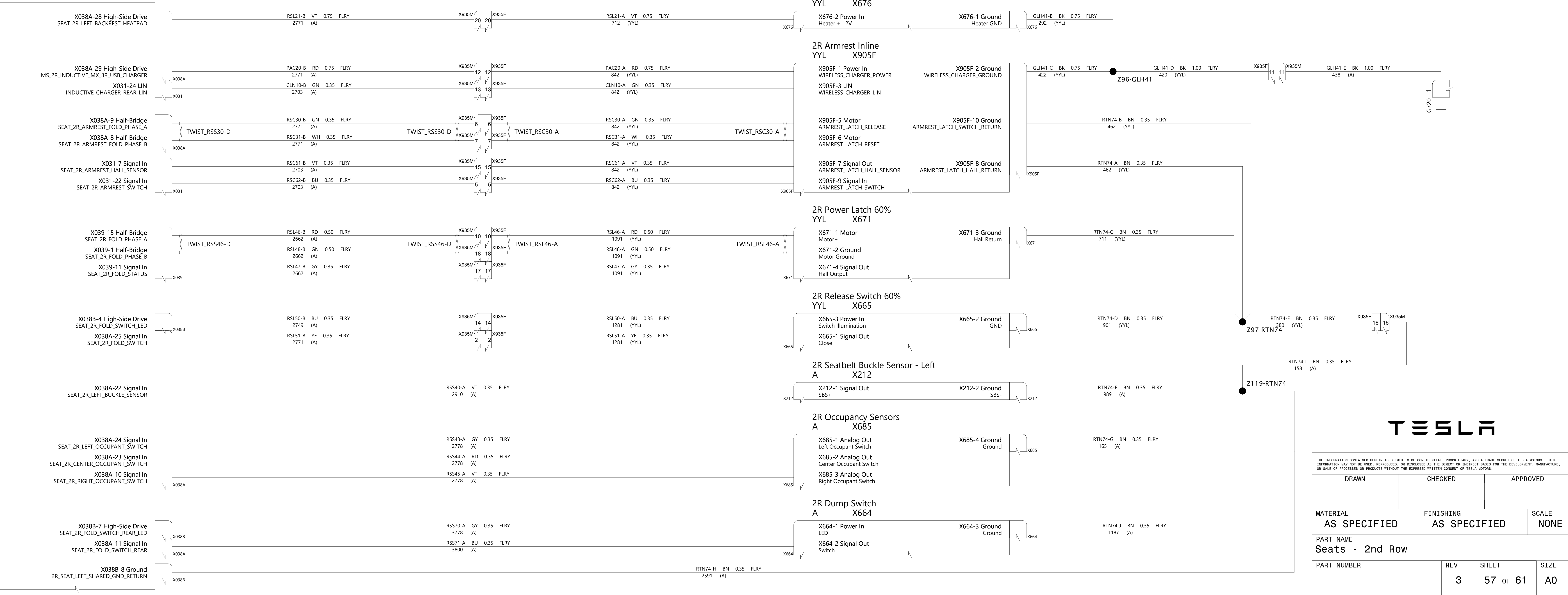
PART NUMBER	REV 3	SHEET 55 of 61	SIZE A0
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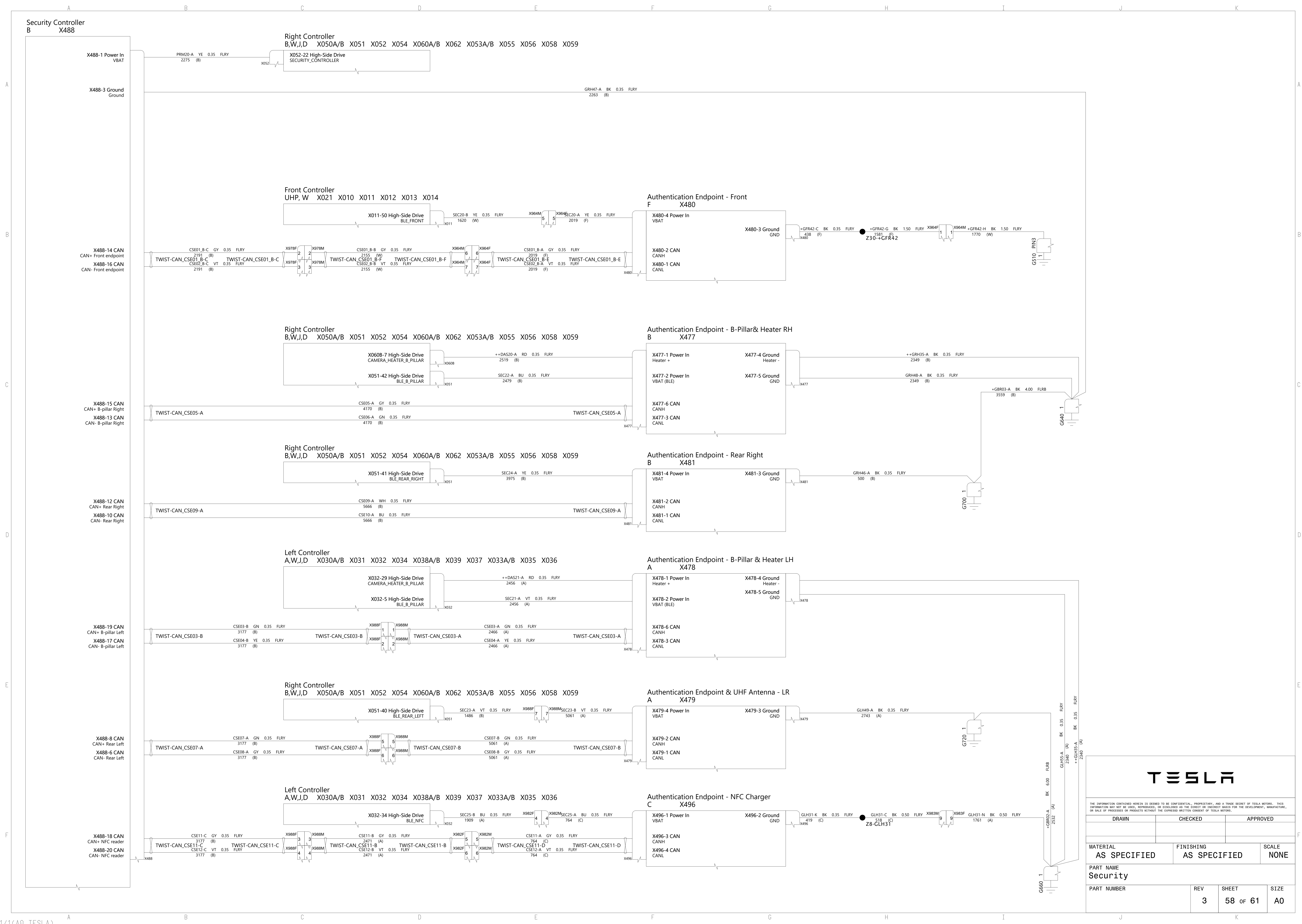
Right Controller
B,W,J,D X050A/B X051 X052 X054 X060A/B X062 X053A/B X055 X056 X058 X059



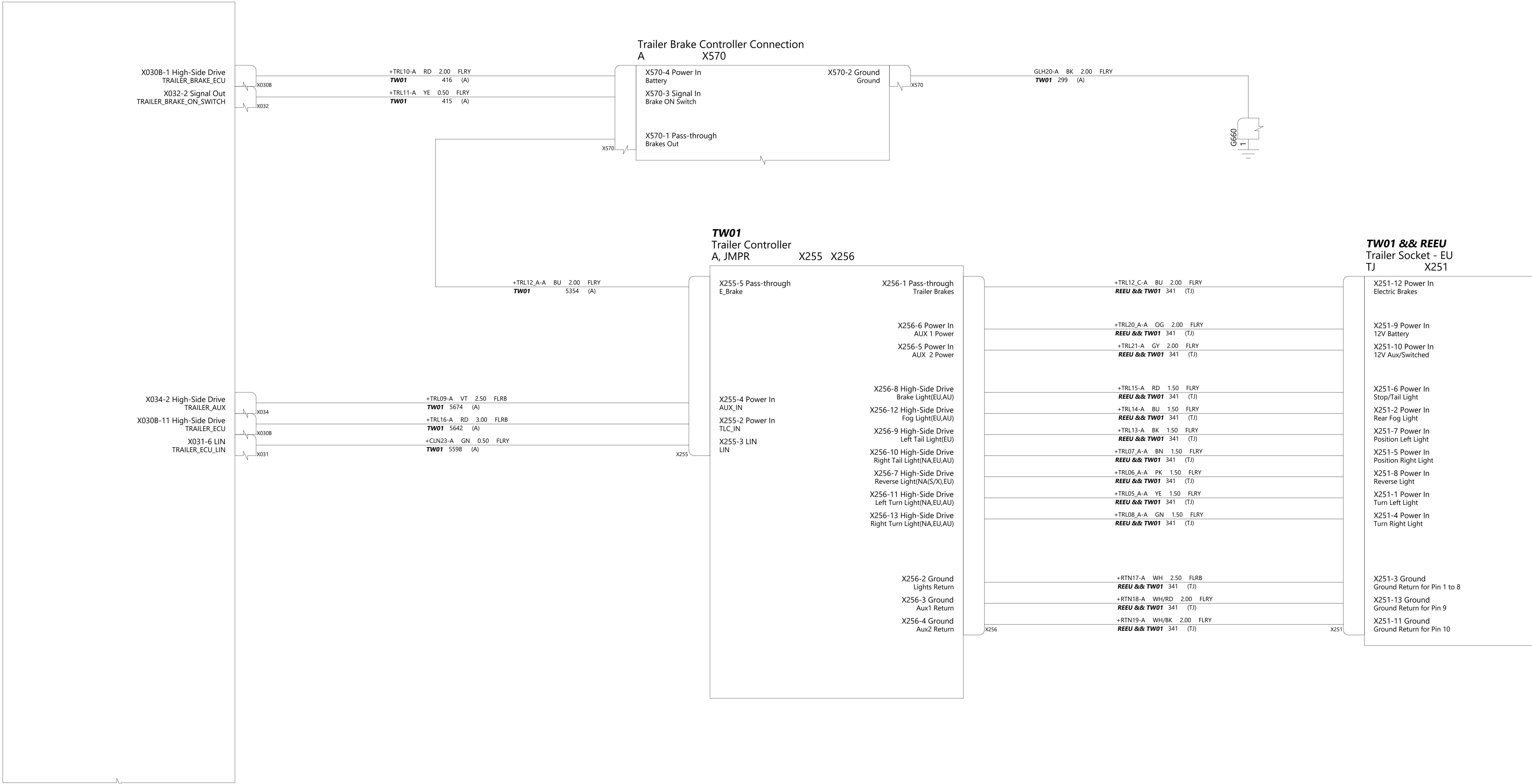
Left Controller
A,W,J,D X030A/B X031 X032 X034 X038A/B X039 X037 X033A/B X035 X036



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DRAWN	CHECKED	APPROVED	
MATERIAL	FINISHING		SCALE
AS SPECIFIED	AS SPECIFIED		NONE
PART NAME			
Seats - 2nd Row			
PART NUMBER	REV	SHEET	SIZE
	3	57 OF 61	A0



Left Controller
A,W,J,D X030A/B X031 X032 X034 X038A/B X039 X037 X033A/B X035 X036

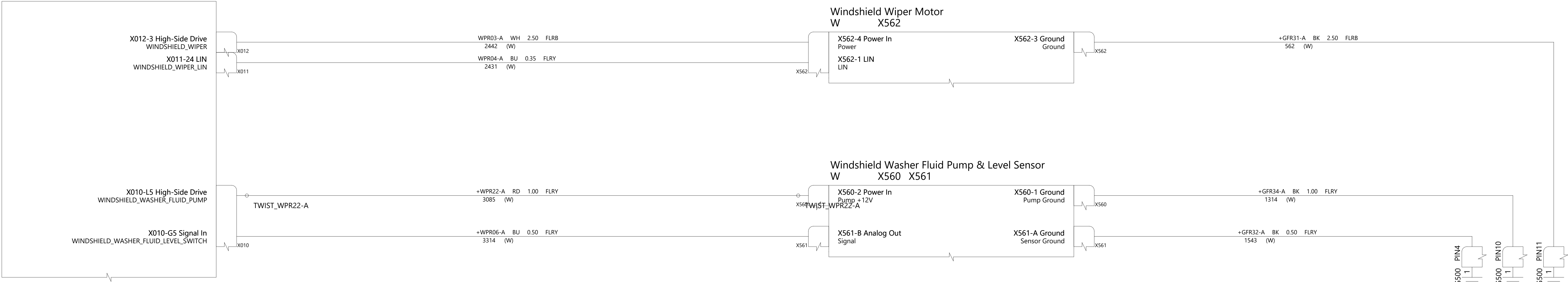


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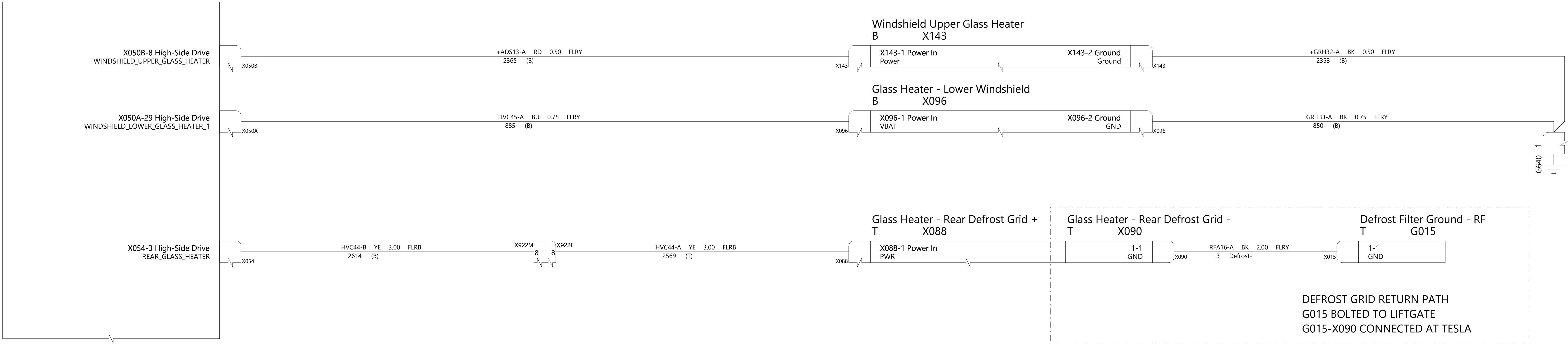
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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED		SCALE NONE
PART NAME Trailer Interface		
PART NUMBER	REV 3	SHEET 59 of 61
		SIZE A0

Front Controller
UHP, W X021 X010 X011 X012 X013 X014



Right Controller
B,V,W,J,D X050A/B X051 X052 X054 X060A/B X062 X053A/B X055 X056 X058 X059



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DRAWN	CHECKED	APPROVED

MATERIAL	FINISHING	SCALE
AS SPECIFIED	AS SPECIFIED	NONE

PART NAME
Windshield

PART NUMBER	REV	SHEET	SIZE
	2	60 of 60	A0