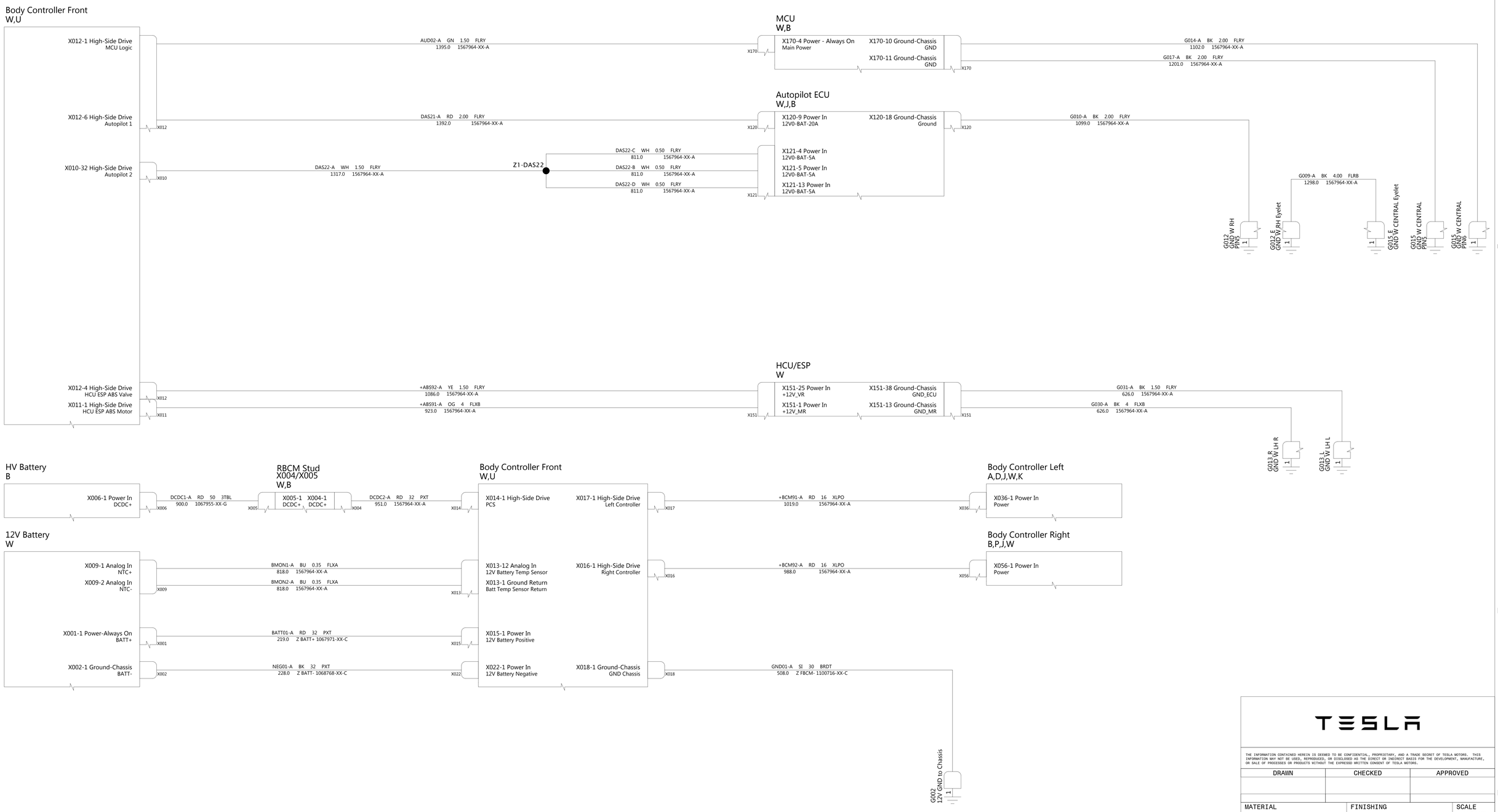
Methods
Symbols for Factory Fasteners and General Fastening

See BR-16-92-001, "Approved Fasteners for Structural Repairs" for more information on approved fastener installation and removal tools.

Symbol	Description	Notes
●	Factory rivet	
▲	Spot weld - one layer	**NOTE:** This symbol is used for spot welds that are removed by drilling through one layer.
▲	Spot weld - two layers	**NOTE:** This symbol is used for spot welds that are removed by drilling through two layers.
◆	Factory self-piercing rivet (SPR)	
■	Factory BOM (blind, oversize mechanically locked fastener)	
■	Factory pin and collar	
▲	Laser weld	
▲	Plug weld	
★	Riv tack	
▲	Rivnut	
■	Bolt, hex-head	
■	Bolt, Torx-head	
■	Bolt, Allen-head	
■	Sheet metal screw	
□	Nut	
■	Stud	

Symbols for Fasteners Used During Replacement

Fastener Symbol	Fastener Type	Fastener Image	Part Number	Fasteners Per Bag
★	Flow Form Rivet, S58		1069333-00-A	10
★	Flow Form Rivet, S68		1069334-00-A	10
■	BOM, 5/16 in		1062555-00-A	10
■	Pin and Collar, 1/4 in		1062557-00-A	5 Pins and 5 Collars
■	Pin and Collar, 5/16 in		1062556-00-A	5 Pins and 5 Collars



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DRAWN	CHECKED	APPROVED

MATERIAL	FINISHING	SCALE
AS SPECIFIED	AS SPECIFIED	NONE

PART NAME
Body Controller Front J3, Cables

PART NUMBER	REV	SHEET	SIZE
	1	3 OF 40	A0

Body Controller Right
B,P,J,W

Pin	Wire	Length	Connector
X058-19 Vref Output HVAC Shared 5V	HVC005V-F RD 0.35 FLRY	993.0 HVAC Case	X552-4 Power In Vref Potentiometer (+5V)
X058-8 Half-Bridge HVAC Right Bleed CW	HVC017-A BU 0.35 FLRY	1236.0 HVAC Case	X552-3 Analog In CW Input
X058-5 Analog In HVAC Right Bleed Duct Position	HVC019-A WH 0.35 FLRY	1236.0 HVAC Case	X552-5 Analog Out Potentiometer Feedback
X058-9 Half-Bridge HVAC Right Bleed CCW	HVC018-A PK 0.35 FLRY	1236.0 HVAC Case	X552-7 Analog In CCW Input
			X552-6 Ground Return Vref Return Actuator (GND)
X058-23 Half-Bridge HVAC Lower Mode CW	HVC004-A VT/GN 0.35 FLRY	1693.0 HVAC Case	X553-5 Analog In CW Input
X058-2 Analog In HVAC Lower Mode Duct Position	HVC006-A BU 0.35 FLRY	1693.0 HVAC Case	X553-2 Analog Out Potentiometer Feedback
X058-24 Half-Bridge HVAC Lower Mode CCW	HVC005-A RD 0.35 FLRY	1693.0 HVAC Case	X553-6 Analog In CCW Input
			X553-1 Ground Return Vref Return Actuator (GND)
X058-27 Half-Bridge HVAC Intake CW	HVC001-A BU 0.35 FLRY	1198.0 HVAC Case	X554-5 Analog In CW Input
X058-4 Analog In HVAC Intake Duct Position	HVC003-A WH 0.35 FLRY	1198.0 HVAC Case	X554-2 Analog Out Potentiometer Feedback
X058-28 Half-Bridge HVAC Intake CCW	HVC002-A VT/GN 0.35 FLRY	1198.0 HVAC Case	X554-6 Analog In CCW Input
	HVCGND-C BK 0.35 FLRY	492.0 HVAC Case	X554-1 Ground Return Vref Return Actuator (GND)
X058-10 Half-Bridge HVAC Left Bleed CW	HVC010-A BU 0.35 FLRY	1486.0 HVAC Case	X555-3 Analog In CW Input
X058-6 Analog In HVAC Left Bleed Duct Position	HVC012-A WH 0.35 FLRY	1486.0 HVAC Case	X555-5 Analog Out Potentiometer Feedback
X058-11 Half-Bridge HVAC Left Bleed CCW	HVC011-A PK 0.35 FLRY	1486.0 HVAC Case	X555-7 Analog In CCW Input
	HVCGND-A BK 0.35 FLRY	360.0 HVAC Case	X555-6 Ground Return Vref Return Actuator (GND)
X058-25 Half-Bridge HVAC Upper Mode CW	HVC007-A VT/GN 0.35 FLRY	1438.0 HVAC Case	X556-5 Analog In CW Input
X058-3 Analog In HVAC Upper Duct Position	HVC009-A VT/GN 0.35 FLRY	1438.0 HVAC Case	X556-2 Analog Out Potentiometer Feedback
X058-26 Half-Bridge HVAC Upper Mode CCW	HVC008-A PK 0.35 FLRY	1438.0 HVAC Case	X556-6 Analog In CCW Input
	HVCGND-D BK 0.35 FLRY	732.0 HVAC Case	X556-1 Ground Return Vref Return Actuator (GND)
X058-13 Analog In HVAC Left Vent Duct Temp	HVC516-A VT/GN 0.35 FLRY	1651.0 HVAC Case	X547-1 Analog Out Signal
	HVCGND-E BK 0.35 FLRY	525.0 HVAC Case	X547-2 Ground Return Vref Return (GND)
X058-16 Analog In HVAC Right Vent Duct Temp	HVC6137-A BK 0.35 FLRY	1471.0 HVAC Case	X550-1 Analog Out Signal
	HVCGND-F BK 0.35 FLRY	765.0 HVAC Case	X550-2 Ground Return Vref Return (GND)
X058-17 Analog In HVAC Evaporator Temp	HVC517-A WH 0.35 FLRY	1736.0 HVAC Case	X551-1 Analog Out Signal
X058-20 Ground Return HVAC Shared Ground Return	HVCGND-I BK 0.35 FLRY 1126.0 HVAC Case	HVCGND-G BK 0.35 FLRY 610.0 HVAC Case	X551-2 Ground Return Vref Return (GND)

Z1-HVC005V

HVC005V-B RD 0.35 FLRY, 397.0 HVAC Case

HVC005V-D RD 0.35 FLRY, 700.0 HVAC Case

HVC005V-A RD 0.35 FLRY, 205.0 HVAC Case

HVC005V-E RD 0.35 FLRY, 647.0 HVAC Case

HVC005V-C RD 0.35 FLRY, 445.0 HVAC Case

HVCGND-B BK 0.35 FLRY, 1110.0 HVAC Case

HVCGND-H BK 0.35 FLRY, 987.0 HVAC Case

Z2-HVCGND

HVAC Case
HVAC_CASE

X552 / X553 / X554 / X555 / X556 / X547 / X550 / X551

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

Pin	Wire	Length	Connector
X038-2 Half-Bridge HVAC Blower Motor Phase A	SH_THC01-A TWIST_THC01-A	THC01-A RD 4.00 FLRB 1088.0 1067960-XX-E, 1117960-XX-A	X536-1 Half-Bridge Phase 1 (U)
X038-4 Half-Bridge HVAC Blower Motor Phase B		THC02-A BK 4.00 FLRB 1088.0 1067960-XX-E, 1117960-XX-A	X536-2 Half-Bridge Phase 2 (V)
X038-1 Half-Bridge HVAC Blower Motor Phase C		THC03-A OG 4.00 FLRB 1088.0 1067960-XX-E, 1117960-XX-A	X536-4 Half-Bridge Phase 3 (W)
X038-3 Ground Return HVAC_Blower Motor Ground Shield	SHIELD905	SHIELD905	X536-3 Ground Return GND Shielding if Needed

Blower Motor
J

X038 / X536

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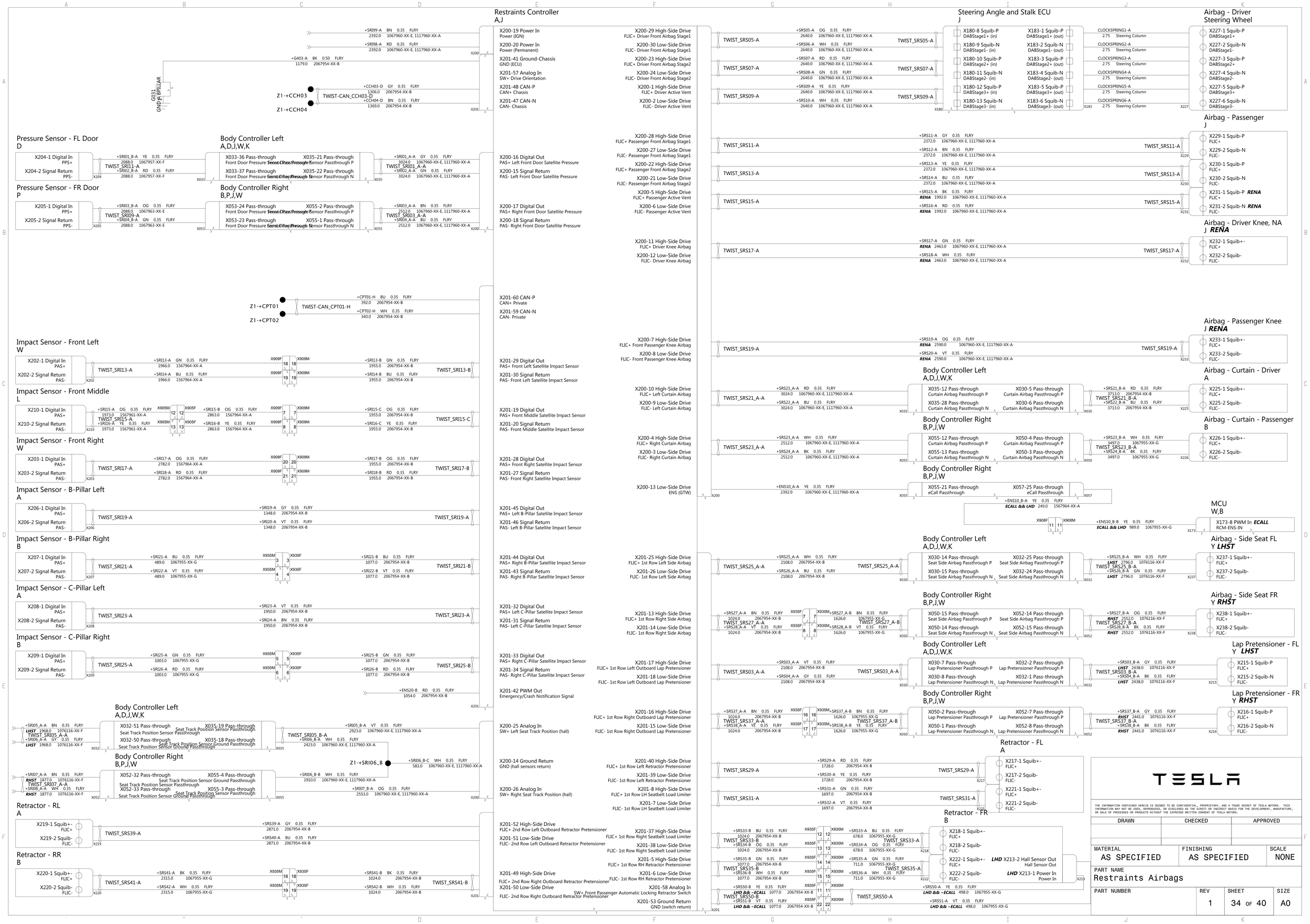
DRAWN	CHECKED	APPROVED

MATERIAL	FINISHING	SCALE
AS SPECIFIED	AS SPECIFIED	NONE

PART NAME: HVAC Case Subassembly

PART NUMBER	REV	SHEET	SIZE
	1	23 OF 40	A0


Restraints Controller
A,J
+SRI99-A BN 0.35 FLRY 2392.0 1067960-XX-E, 1117960-XX-A
+SRI98-A RD 0.35 FLRY 2392.0 1067960-XX-E, 1117960-XX-A
X200
+G403-A BK 0.50 FLRY 1179.0 2067954-XX-B
G031 GND-A BPILLAR
Z1-+CCH03
Z1-+CCH04
TWIST-CAN_CCH03-D
+CCH03-D GY 0.35 FLRY 1306.0 2067954-XX-B
+CCH04-D BN 0.35 FLRY 1369.0 2067954-XX-B
X201
X200-19 Power In
Power (IGN)
X200-20 Power In
Power (Permanent)
X201-41 Ground-Chassis
GND (ECU)
X201-57 Analog In
SW+ Drive Orientation
X201-48 CAN-P
CAN+ Chassis
X201-47 CAN-N
CAN- Chassis
X200-29 High-Side Drive
FLIC+ Driver Front Airbag Stage1
X200-30 Low-Side Drive
FLIC- Driver Front Airbag Stage1
X200-23 High-Side Drive
FLIC+ Driver Front Airbag Stage2
X200-24 Low-Side Drive
FLIC- Driver Front Airbag Stage2
X200-1 High-Side Drive
FLIC+ Driver Active Vent
X200-2 Low-Side Drive
FLIC- Driver Active Vent
Pressure Sensor - FL Door
D
X204-1 Digital In
PPS+
X204-2 Signal Return
PPS-
+SRI01_B-A YE 0.35 FLRY 2088.0 1067957-XX-F
TWIST_SRI11-A
+SRI02_B-A RD 0.35 FLRY 2088.0 1067957-XX-F
X204
X033
Body Controller Left
A,D,J,W,K
X033-36 Pass-through
Front Door Pressure Sensor Passthrough P
X033-37 Pass-through
Front Door Pressure Sensor Passthrough N
X035-21 Pass-through
Front Door Pressure Sensor Passthrough P
X035-22 Pass-through
Front Door Pressure Sensor Passthrough N
X035
+SRI01_A-A GY 0.35 FLRY 3024.0 1067960-XX-E, 1117960-XX-A
TWIST_SRI01_A-A
+SRI02_A-A GN 0.35 FLRY 3024.0 1067960-XX-E, 1117960-XX-A
Pressure Sensor - FR Door
P
X205-1 Digital In
PPS+
X205-2 Signal Return
PPS-
+SRI03_B-A OG 0.35 FLRY 2088.0 1067963-XX-E
TWIST_SRI09-A
+SRI04_B-A GN 0.35 FLRY 2088.0 1067963-XX-E
X205
X053
Body Controller Right
B,P,J,W
X053-24 Pass-through
Front Door Pressure Sensor Passthrough P
X053-23 Pass-through
Front Door Pressure Sensor Passthrough N
X055-2 Pass-through
Front Door Pressure Sensor Passthrough P
X055-1 Pass-through
Front Door Pressure Sensor Passthrough N
X055
+SRI03_A-A BN 0.35 FLRY 2512.0 1067960-XX-E, 1117960-XX-A
TWIST_SRI03_A-A
+SRI04_A-A BU 0.35 FLRY 2512.0 1067960-XX-E, 1117960-XX-A
X200
X200-16 Digital Out
PAS+ Left Front Door Satellite Pressure
X200-15 Signal Return
PAS- Left Front Door Satellite Pressure
X200-17 Digital Out
PAS+ Right Front Door Satellite Pressure
X200-18 Signal Return
PAS- Right Front Door Satellite Pressure
X200-28 High-Side Drive
FLIC+ Passenger Front Airbag Stage1
X200-27 Low-Side Drive
FLIC- Passenger Front Airbag Stage1
X200-22 High-Side Drive
FLIC+ Passenger Front Airbag Stage2
X200-21 Low-Side Drive
FLIC- Passenger Front Airbag Stage2
X200-5 High-Side Drive
FLIC+ Passenger Active Vent
X200-6 Low-Side Drive
FLIC- Passenger Active Vent
X200-11 High-Side Drive
FLIC+ Driver Knee Airbag
X200-12 Low-Side Drive
FLIC- Driver Knee Airbag
Z1-+CPT01
Z1-+CPT02
TWIST-CAN_CPT01-H
+CPT01-H BU 0.35 FLRY 392.0 2067954-XX-B
+CPT02-H WH 0.35 FLRY 340.0 2067954-XX-B
X201-60 CAN-P
CAN+ Private
X201-59 CAN-N
CAN- Private
X200-7 High-Side Drive
FLIC+ Front Passenger Knee Airbag
X200-8 Low-Side Drive
FLIC- Front Passenger Knee Airbag
Impact Sensor - Front Left
W
X202-1 Digital In
PAS+
X202-2 Signal Return
PAS-
TWIST_SRI13-A
+SRI13-A GN 0.35 FLRY 1966.0 1567964-XX-A
+SRI14-A BU 0.35 FLRY 1966.0 1567964-XX-A
X202
X909F 18 18 X909M
X909F 19 19 X909M
+SRI13-B GN 0.35 FLRY 1955.0 2067954-XX-B
+SRI14-B BU 0.35 FLRY 1955.0 2067954-XX-B
TWIST_SRI13-B
X201-29 Digital Out
PAS+ Front Left Satellite Impact Sensor
X201-30 Signal Return
PAS- Front Left Satellite Impact Sensor
Impact Sensor - Front Middle
L
X210-1 Digital In
PAS+
X210-2 Signal Return
PAS-
TWIST_SRI15-A
+SRI15-A OG 0.35 FLRY 1973.0 1567961-XX-A
+SRI16-A YE 0.35 FLRY 1973.0 1567961-XX-A
X210
X905M 12 12 X905F
X905M 13 13 X905F
+SRI15-B OG 0.35 FLRY 2863.0 1567964-XX-A
+SRI16-B YE 0.35 FLRY 2863.0 1567964-XX-A
X909F 7 7 X909M
X909F 8 8 X909M
+SRI15-C OG 0.35 FLRY 1955.0 2067954-XX-B
+SRI16-C YE 0.35 FLRY 1955.0 2067954-XX-B
TWIST_SRI15-C
X201-19 Digital Out
PAS+ Front Middle Satellite Impact Sensor
X201-20 Signal Return
PAS- Front Middle Satellite Impact Sensor
X200-10 High-Side Drive
FLIC+ Left Curtain Airbag
X200-9 Low-Side Drive
FLIC- Left Curtain Airbag
X200-4 High-Side Drive
FLIC+ Right Curtain Airbag
X200-3 Low-Side Drive
FLIC- Right Curtain Airbag
Impact Sensor - Front Right
W
X203-1 Digital In
PAS+
X203-2 Signal Return
PAS-
TWIST_SRI17-A
+SRI17-A OG 0.35 FLRY 2782.0 1567964-XX-A
+SRI18-A RD 0.35 FLRY 2782.0 1567964-XX-A
X203
X909F 20 20 X909M
X909F 21 21 X909M
+SRI17-B OG 0.35 FLRY 1955.0 2067954-XX-B
+SRI18-B RD 0.35 FLRY 1955.0 2067954-XX-B
TWIST_SRI17-B
X201-28 Digital Out
PAS+ Front Right Satellite Impact Sensor
X201-27 Signal Return
PAS- Front Right Satellite Impact Sensor
X200-13 Low-Side Drive
ENS (GTW)
Impact Sensor - B-Pillar Left
A
X206-1 Digital In
PAS+
X206-2 Signal Return
PAS-
TWIST_SRI19-A
+SRI19-A GY 0.35 FLRY 1348.0 2067954-XX-B
+SRI20-A VT 0.35 FLRY 1348.0 2067954-XX-B
X206
TWIST_SRI19-A
X201-45 Digital Out
PAS+ Left B-Pillar Satellite Impact Sensor
X201-46 Signal Return
PAS- Left B-Pillar Satellite Impact Sensor
Impact Sensor - B-Pillar Right
B
X207-1 Digital In
PAS+
X207-2 Signal Return
PAS-
TWIST_SRI21-A
+SRI21-A BU 0.35 FLRY 489.0 1067955-XX-G
+SRI22-A VT 0.35 FLRY 489.0 1067955-XX-G
X207
X935M 3 3 X935F
X935M 4 4 X935F
+SRI21-B BU 0.35 FLRY 1077.0 2067954-XX-B
+SRI22-B VT 0.35 FLRY 1077.0 2067954-XX-B
TWIST_SRI21-B
X201-44 Digital Out
PAS+ Right B-Pillar Satellite Impact Sensor
X201-43 Signal Return
PAS- Right B-Pillar Satellite Impact Sensor
X201-25 High-Side Drive
FLIC+ 1st Row Left Side Airbag
X201-26 Low-Side Drive
FLIC- 1st Row Left Side Airbag
Impact Sensor - C-Pillar Left
A
X208-1 Digital In
PAS+
X208-2 Signal Return
PAS-
TWIST_SRI23-A
+SRI23-A VT 0.35 FLRY 1950.0 2067954-XX-B
+SRI24-A BN 0.35 FLRY 1950.0 2067954-XX-B
X208
TWIST_SRI23-A
X201-32 Digital Out
PAS+ Left C-Pillar Satellite Impact Sensor
X201-31 Signal Return
PAS- Left C-Pillar Satellite Impact Sensor
X201-13 High-Side Drive
FLIC+ 1st Row Right Side Airbag
X201-14 Low-Side Drive
FLIC- 1st Row Right Side Airbag
Impact Sensor - C-Pillar Right
B
X209-1 Digital In
PAS+
X209-2 Signal Return
PAS-
TWIST_SRI25-A
+SRI25-A GN 0.35 FLRY 1003.0 1067955-XX-G
+SRI26-A RD 0.35 FLRY 1003.0 1067955-XX-G
X209
X935M 5 5 X935F
X935M 6 6 X935F
+SRI25-B GN 0.35 FLRY 1077.0 2067954-XX-B
+SRI26-B RD 0.35 FLRY 1077.0 2067954-XX-B
TWIST_SRI25-B
+ENS20-B RD 0.35 FLRY 1054.0 2067954-XX-B
X201
X201-33 Digital Out
PAS+ Right C-Pillar Satellite Impact Sensor
X201-34 Signal Return
PAS- Right C-Pillar Satellite Impact Sensor
X201-17 High-Side Drive
FLIC+ 1st Row Left Outboard Lap Pretensioner
X201-18 Low-Side Drive
FLIC- 1st Row Left Outboard Lap Pretensioner
X201-42 PWM Out
Emergency/Crash Notification Signal
X201-16 High-Side Drive
FLIC+ 1st Row Right Outboard Lap Pretensioner
X201-15 Low-Side Drive
FLIC- 1st Row Right Outboard Lap Pretensioner
Body Controller Left
A,D,J,W,K
+SRI05_A-A BN 0.35 FLRY
TWIST_SRI05_A-A
+SRI06_A-A GY 0.35 FLRY
LHST 1968.0 1076116-XX-F
X032
X032-51 Pass-through
Seat Track Position Sensor Passthrough
X032-50 Pass-through
Seat Track Position Sensor Ground Passthrough
X035-19 Pass-through
Seat Track Position Sensor Passthrough
X035-18 Pass-through
Seat Track Position Sensor Ground Passthrough
X035
TWIST_SRI05_B-A
+SRI05_B-A VT 0.35 FLRY 2923.0 1067960-XX-E, 1117960-XX-A
+SRI06_B-A WH 0.35 FLRY 2423.0 1067960-XX-E, 1117960-XX-A
Z1-+SRI06_B
+SRI06_B-C WH 0.35 FLRY 583.0 1067960-XX-E, 1117960-XX-A
Body Controller Right
B,P,J,W
+SRI07_A-A BN 0.35 FLRY
LHST 1877.0 1076116-XX-F
TWIST_SRI07_A-A
+SRI08_A-A WH 0.35 FLRY
RHST 1877.0 1076116-XX-F
X052
X052-32 Pass-through
Seat Track Position Sensor Ground Passthrough
X052-33 Pass-through
Seat Track Position Sensor Ground Passthrough
X055-4 Pass-through
Seat Track Position Sensor Passthrough
X055-3 Pass-through
Seat Track Position Sensor Passthrough
X055
+SRI06_B-B WH 0.35 FLRY 1910.0 1067960-XX-E, 1117960-XX-A
+SRI07_B-A OG 0.35 FLRY 2553.0 1067960-XX-E, 1117960-XX-A
X200
X200-25 Analog In
SW+ Left Seat Track Position (hall)
X200-14 Ground Return
GND (hall sensors return)
X200-26 Analog In
SW+ Right Seat Track Position (hall)
X201-40 High-Side Drive
FLIC+ 1st Row Left Retractor Pretensioner
X201-39 Low-Side Drive
FLIC- 1st Row Left Retractor Pretensioner
X201-8 High-Side Drive
FLIC+ 1st Row LH Seatbelt Load Limiter
X201-7 Low-Side Drive
FLIC- 1st Row LH Seatbelt Load Limiter
Retractor - RL
A
X219-1 Squib+-
FLIC+
X219-2 Squib-
FLIC-
X219
TWIST_SRS39-A
+SRS39-A GY 0.35 FLRY 2871.0 2067954-XX-B
+SRS40-A BU 0.35 FLRY 2871.0 2067954-XX-B
Retractor - RR
B
X220-1 Squib+-
FLIC+
X220-2 Squib-
FLIC-
X220
TWIST_SRS41-A
+SRS41-A BK 0.35 FLRY 2315.0 1067955-XX-G
+SRS42-A WH 0.35 FLRY 2315.0 1067955-XX-G
X935M 18 18 X935F
X935M 19 19 X935F
+SRS41-B BK 0.35 FLRY 1024.0 2067954-XX-B
+SRS42-B WH 0.35 FLRY 1024.0 2067954-XX-B
TWIST_SRS41-B
X201
X201-52 High-Side Drive
FLIC+ 2nd Row Left Outboard Retractor Pretensioner
X201-51 Low-Side Drive
FLIC- 2nd Row Left Outboard Retractor Pretensioner
X201-37 High-Side Drive
FLIC+ 1st Row Right Seatbelt Load Limiter
X201-38 Low-Side Drive
FLIC- 1st Row Right Seatbelt Load Limiter
X201-5 High-Side Drive
FLIC+ 1st Row RH Retractor Pretensioner
X201-6 Low-Side Drive
FLIC- 1st Row RH Retractor Pretensioner
X201-49 High-Side Drive
FLIC+ 2nd Row Right Outboard Retractor Pretensioner
X201-50 Low-Side Drive
FLIC- 2nd Row Right Outboard Retractor Pretensioner
X201-58 Analog In
SW+ Front Passenger Automatic Locking Retractor Switch
X201-53 Ground Return
GND (switch return)
Steering Angle and Stalk ECU
J
TWIST_SRS05-A
+SRS05-A OG 0.35 FLRY 2640.0 1067960-XX-E, 1117960-XX-A
+SRS06-A WH 0.35 FLRY 2640.0 1067960-XX-E, 1117960-XX-A
TWIST_SRS05-A
TWIST_SRS07-A
+SRS07-A RD 0.35 FLRY 2640.0 1067960-XX-E, 1117960-XX-A
+SRS08-A GN 0.35 FLRY 2640.0 1067960-XX-E, 1117960-XX-A
TWIST_SRS07-A
TWIST_SRS09-A
+SRS09-A YE 0.35 FLRY 2640.0 1067960-XX-E, 1117960-XX-A
+SRS10-A WH 0.35 FLRY 2640.0 1067960-XX-E, 1117960-XX-A
TWIST_SRS09-A
X180
X180-8 Squib-P
DABStage1+ (in)
X180-9 Squib-N
DABStage1- (in)
X180-10 Squib-P
DABStage2+ (in)
X180-11 Squib-N
DABStage2- (in)
X180-12 Squib-P
DABStage3+ (in)
X180-13 Squib-N
DABStage3- (in)
X183-1 Squib-P
DABStage1+ (out)
X183-2 Squib-N
DABStage1- (out)
X183-3 Squib-P
DABStage2+ (out)
X183-4 Squib-N
DABStage2- (out)
X183-5 Squib-P
DABStage3+ (out)
X183-6 Squib-N
DABStage3- (out)
X183
CLOCKSPRING1-A 2.75 Steering Column
CLOCKSPRING2-A 2.75 Steering Column
CLOCKSPRING3-A 2.75 Steering Column
CLOCKSPRING4-A 2.75 Steering Column
CLOCKSPRING5-A 2.75 Steering Column
CLOCKSPRING6-A 2.75 Steering Column
X227
Airbag - Driver
Steering Wheel
X227-1 Squib-P
DABStage1+
X227-2 Squib-N
DABStage1-
X227-3 Squib-P
DABStage2+
X227-4 Squib-N
DABStage2-
X227-5 Squib-P
DABStage3+
X227-6 Squib-N
DABStage3-
Airbag - Passenger
J
TWIST_SRS11-A
+SRS11-A GY 0.35 FLRY 2372.0 1067960-XX-E, 1117960-XX-A
+SRS12-A BN 0.35 FLRY 2372.0 1067960-XX-E, 1117960-XX-A
TWIST_SRS11-A
X229
X229-1 Squib-P
FLIC+
X229-2 Squib-N
FLIC-
TWIST_SRS13-A
+SRS13-A YE 0.35 FLRY 2372.0 1067960-XX-E, 1117960-XX-A
+SRS14-A BU 0.35 FLRY 2372.0 1067960-XX-E, 1117960-XX-A
TWIST_SRS13-A
X230
X230-1 Squib-P
FLIC+
X230-2 Squib-N
FLIC-
TWIST_SRS15-A
+SRS15-A BK 0.35 FLRY
RENA 1992.0 1067960-XX-E, 1117960-XX-A
+SRS16-A RD 0.35 FLRY
RENA 1992.0 1067960-XX-E, 1117960-XX-A
TWIST_SRS15-A
X231
X231-1 Squib-P RENA
FLIC+
X231-2 Squib-N RENA
FLIC-
Airbag - Driver Knee, NA
J RENA
TWIST_SRS17-A
+SRS17-A GN 0.35 FLRY
RENA 2463.0 1067960-XX-E, 1117960-XX-A
+SRS18-A WH 0.35 FLRY
RENA 2463.0 1067960-XX-E, 1117960-XX-A
TWIST_SRS17-A
X232
X232-1 Squib+-
FLIC+
X232-2 Squib-
FLIC-
Airbag - Passenger Knee
J RENA
TWIST_SRS19-A
+SRS19-A OG 0.35 FLRY
RENA 2590.0 1067960-XX-E, 1117960-XX-A
+SRS20-A VT 0.35 FLRY
RENA 2590.0 1067960-XX-E, 1117960-XX-A
TWIST_SRS19-A
X233
X233-1 Squib+-
FLIC+
X233-2 Squib-
FLIC-
Body Controller Left
A,D,J,W,K
TWIST_SRS21_A-A
+SRS21_A-A RD 0.35 FLRY 3024.0 1067960-XX-E, 1117960-XX-A
+SRS22_A-A BU 0.35 FLRY 3024.0 1067960-XX-E, 1117960-XX-A
X035
X035-12 Pass-through
Curtain Airbag Passthrough P
X035-28 Pass-through
Curtain Airbag Passthrough N
X030-5 Pass-through
Curtain Airbag Passthrough P
X030-6 Pass-through
Curtain Airbag Passthrough N
X030
+SRS21_B-A RD 0.35 FLRY 3713.0 2067954-XX-B
TWIST_SRS21_B-A
+SRS22_B-A BU 0.35 FLRY 3713.0 2067954-XX-B
X225
Airbag - Curtain - Driver
A
X225-1 Squib+-
FLIC+
X225-2 Squib-
FLIC-
Body Controller Right
B,P,J,W
TWIST_SRS23_A-A
+SRS23_A-A WH 0.35 FLRY 2512.0 1067960-XX-E, 1117960-XX-A
+SRS24_A-A BK 0.35 FLRY 2512.0 1067960-XX-E, 1117960-XX-A
X055
X055-12 Pass-through
Curtain Airbag Passthrough P
X055-13 Pass-through
Curtain Airbag Passthrough N
X050-4 Pass-through
Curtain Airbag Passthrough P
X050-3 Pass-through
Curtain Airbag Passthrough N
X050
+SRS23_B-A WH 0.35 FLRY 3497.0 1067955-XX-G
TWIST_SRS23_B-A
+SRS24_B-A BK 0.35 FLRY 3497.0 1067955-XX-G
X226
Airbag - Curtain - Passenger
B
X226-1 Squib+-
FLIC+
X226-2 Squib-
FLIC-
Body Controller Right
B,P,J,W
X200
+ENS10_A-A YE 0.35 FLRY 2392.0 1067960-XX-E, 1117960-XX-A
X055
X055-21 Pass-through
eCall Passthrough
X057-25 Pass-through
eCall Passthrough
X057
+ENS10_B-A YE 0.35 FLRY
ECALL && LHD 249.0 1567964-XX-A
X908F 11 11 X908M
+ENS10_B-B YE 0.35 FLRY
ECALL && LHD 989.0 1067955-XX-G
X173
MCU
W,B
X173-8 PWM In ECALL
RCM-ENS-IN
Body Controller Left
A,D,J,W,K
TWIST_SRS25_A-A
+SRS25_A-A WH 0.35 FLRY 2108.0 2067954-XX-B
+SRS26_A-A BU 0.35 FLRY 2108.0 2067954-XX-B
X030
X030-14 Pass-through
Seat Side Airbag Passthrough P
X030-15 Pass-through
Seat Side Airbag Passthrough N
X032-25 Pass-through
Seat Side Airbag Passthrough P
X032-24 Pass-through
Seat Side Airbag Passthrough N
X032
+SRS25_B-A WH 0.35 FLRY
LHST 2796.0 1076116-XX-F
TWIST_SRS25_B-A
+SRS26_B-A GN 0.35 FLRY
LHST 2796.0 1076116-XX-F
X237
Airbag - Side Seat FL
Y LHST
X237-1 Squib+-
FLIC+
X237-2 Squib-
FLIC-
Body Controller Right
B,P,J,W
+SRS27_A-A BN 0.35 FLRY 1024.0 2067954-XX-B
TWIST_SRS27_A-A
+SRS28_A-A VT 0.35 FLRY 1024.0 2067954-XX-B
X935F 7 7 X935M
X935F 8 8 X935M
+SRS27_A-B BN 0.35 FLRY 1626.0 1067955-XX-G
TWIST_SRS27_A-B
+SRS28_A-B VT 0.35 FLRY 1626.0 1067955-XX-G
X050
X050-15 Pass-through
Seat Side Airbag Passthrough P
X050-14 Pass-through
Seat Side Airbag Passthrough N
X052-14 Pass-through
Seat Side Airbag Passthrough P
X052-15 Pass-through
Seat Side Airbag Passthrough N
X052
+SRS27_B-A OG 0.35 FLRY
RHST 2552.0 1076116-XX-F
TWIST_SRS27_B-A
+SRS28_B-A BK 0.35 FLRY
RHST 2552.0 1076116-XX-F
X238
Airbag - Side Seat FR
Y RHST
X238-1 Squib+-
FLIC+
X238-2 Squib-
FLIC-
Body Controller Left
A,D,J,W,K
TWIST_SRS03_A-A
+SRS03_A-A VT 0.35 FLRY 2108.0 2067954-XX-B
+SRS04_A-A GY 0.35 FLRY 2108.0 2067954-XX-B
X030
X030-7 Pass-through
Lap Pretensioner Passthrough P
X030-8 Pass-through
Lap Pretensioner Passthrough N
X032-2 Pass-through
Lap Pretensioner Passthrough P
X032-1 Pass-through
Lap Pretensioner Passthrough N
X032
+SRS03_B-A GY 0.35 FLRY
LHST 2438.0 1076116-XX-F
TWIST_SRS03_B-A
+SRS04_B-A BK 0.35 FLRY
LHST 2438.0 1076116-XX-F
X215
Lap Pretensioner - FL
Y LHST
X215-1 Squib-P
FLIC+
X215-2 Squib-N
FLIC-
Body Controller Right
B,P,J,W
+SRS37_A-A BN 0.35 FLRY 1024.0 2067954-XX-B
TWIST_SRS37_A-A
+SRS38_A-A YE 0.35 FLRY 1024.0 2067954-XX-B
X935F 16 16 X935M
X935F 17 17 X935M
+SRS37_A-B BN 0.35 FLRY 1626.0 1067955-XX-G
TWIST_SRS37_A-B
+SRS38_A-B YE 0.35 FLRY 1626.0 1067955-XX-G
X050
X050-2 Pass-through
Lap Pretensioner Passthrough P
X050-1 Pass-through
Lap Pretensioner Passthrough N
X052-7 Pass-through
Lap Pretensioner Passthrough P
X052-8 Pass-through
Lap Pretensioner Passthrough N
X052
+SRS37_B-A GY 0.35 FLRY
RHST 2441.0 1076116-XX-F
TWIST_SRS37_B-A
+SRS38_B-A BK 0.35 FLRY
RHST 2441.0 1076116-XX-F
X216
Lap Pretensioner - FR
Y RHST
X216-1 Squib-P
FLIC+
X216-2 Squib-N
FLIC-
Retractor - FL
A
TWIST_SRS29-A
+SRS29-A RD 0.35 FLRY 1728.0 2067954-XX-B
+SRS30-A YE 0.35 FLRY 1728.0 2067954-XX-B
TWIST_SRS29-A
TWIST_SRS31-A
+SRS31-A GN 0.35 FLRY 1697.0 2067954-XX-B
+SRS32-A VT 0.35 FLRY 1697.0 2067954-XX-B
TWIST_SRS31-A
X217
X217-1 Squib+-
FLIC+
X217-2 Squib-
FLIC-
X221
X221-1 Squib+-
FLIC+
X221-2 Squib-
FLIC-
Retractor - FR
B
+SRS33-B BU 0.35 FLRY 1024.0 2067954-XX-B
TWIST_SRS33-B
+SRS34-B OG 0.35 FLRY 1024.0 2067954-XX-B
X935F 12 12 X935M
X935F 13 13 X935M
+SRS33-A BU 0.35 FLRY 678.0 1067955-XX-G
TWIST_SRS33-A
+SRS34-A OG 0.35 FLRY 678.0 1067955-XX-G
X218
+SRS35-B GN 0.35 FLRY 1077.0 2067954-XX-B
TWIST_SRS35-B
+SRS36-B WH 0.35 FLRY 1077.0 2067954-XX-B
X935F 14 14 X935M
X935F 15 15 X935M
+SRS35-A GN 0.35 FLRY 711.0 1067955-XX-G
TWIST_SRS35-A
+SRS36-A WH 0.35 FLRY 711.0 1067955-XX-G
X222
X218-1 Squib+-
FLIC+
X218-2 Squib-
FLIC-
X222-1 Squib+-
FLIC+
X222-2 Squib-
FLIC-
LHD X213-2 Hall Sensor Out
Hall Sensor Out
LHD X213-1 Power In
Power In
X213
+SRS50-B YE 0.35 FLRY
LHD && -ECALL 1077.0 2067954-XX-B
TWIST_SRS50-B
+SRS51-B VT 0.35 FLRY
LHD && -ECALL 1077.0 2067954-XX-B
X935F 11 11 X935M
X935F 22 22 X935M
TWIST_SRS50-A
+SRS50-A YE 0.35 FLRY
LHD && -ECALL 498.0 1067955-XX-G
+SRS51-A VT 0.35 FLRY
LHD && -ECALL 498.0 1067955-XX-G
X201
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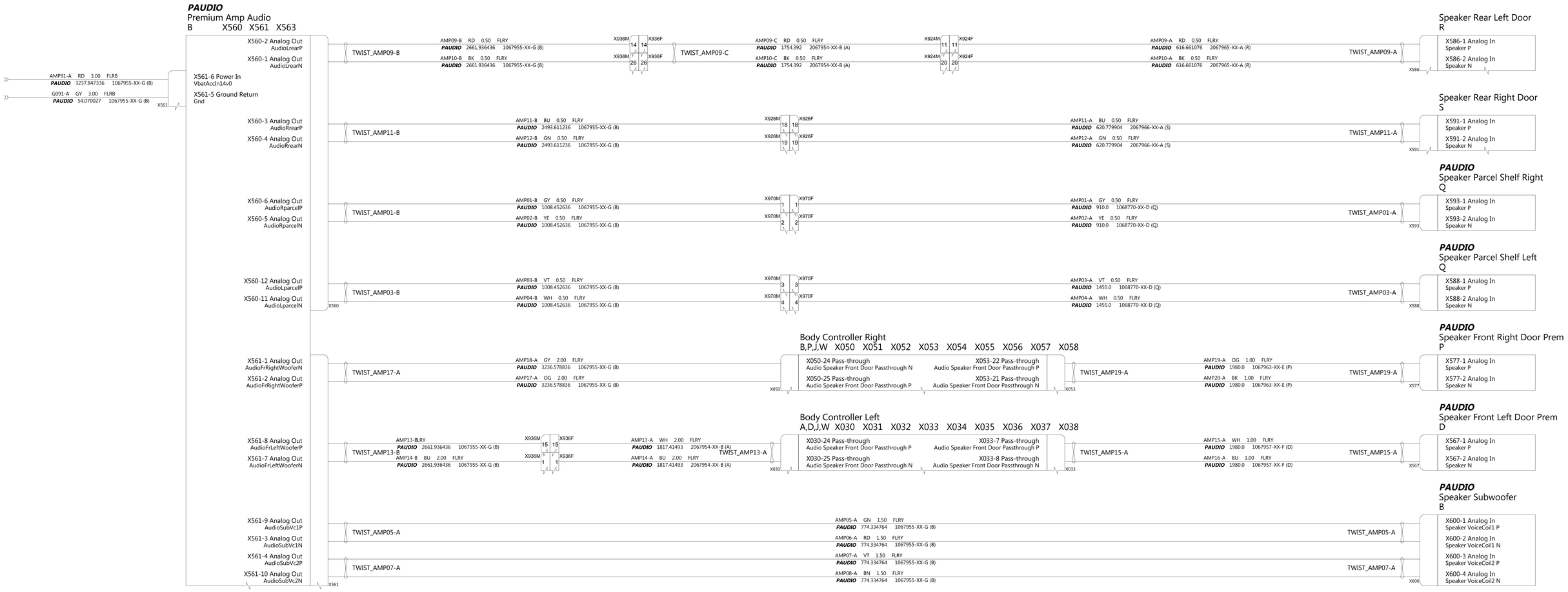
DRAWN
CHECKED
APPROVED
MATERIAL
AS SPECIFIED
FINISHING
AS SPECIFIED
SCALE
NONE
PART NAME
Restraints Airbags
PART NUMBER
REV
1
SHEET
34 OF 40
SIZE
A0



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DRAWN	CHECKED	APPROVED

MATERIAL	FINISHING	SCALE
AS SPECIFIED	AS SPECIFIED	NONE

PART NAME
Audio, Premium 2/2

PART NUMBER	REV	SHEET	SIZE
	2	4 OF 45	A0

HCU/ESP
W
X151-33 CAN CAN + Chassis
X151-20 CAN CAN - Chassis
X151
TWIST-CAN_CCH01-A
+CCH01-A YE 0.35 FLRY 627.539909 1567964-XX-A (W)
+CCH02-A BU 0.35 FLRY 633.961708 1567964-XX-A (W)
Z1-+CCH01
Z1-+CCH02
+CCH01-E YE 0.13 MCIV 1288.539909 1567964-XX-A (W)
+CCH02-E BU 0.13 MCIV 1294.961708 1567964-XX-A (W)
TWIST-CAN_CCH01-E
X037
Body Controller Left
A,D,J,W X030 X031 X032 X033 X034 X035 X036 X037 X038
X037-13 Pass-through Chassis CAN Passthrough P
X037-14 Pass-through Chassis CAN Passthrough N

LHD
iBooster & DTS
W X150X158X159
+CCH01-C YE 0.35 FLRY ***LHD*** 681.53991 1567964-XX-A (W)
+CCH02-C BU 0.35 FLRY ***LHD*** 687.961709 1567964-XX-A (W)
TWIST-CAN_CCH01-C
X150
X150-25 CAN Veh_CAN2 Positive (+)
X150-16 CAN-N Veh_CAN2 Negative (-)

LHD
EPAS (LHD)
W X190 X191 X192 X193
+CCH01-B YE 0.13 MCIV ***LHD*** 758.460091 1567964-XX-A (W)
+CCH02-B BU 0.13 MCIV ***LHD*** 752.038292 1567964-XX-A (W)
TWIST-CAN_CCH01-B
X193
X193-2 CAN-P CAN2_HI
X193-3 CAN-N CAN2_LO

RHD
Autopilot ECU (RHD)
W,J,B,A X120A X121A X122A X800A X801A X830A X838A X870A X881A X890A X981A
X121A-9 CAN-P CH-CAN-H
X121A-10 CAN-N CH-CAN-L
X121A
TWIST-CAN_CCH01-G
+CCH01-G YE 0.13 MCIV ***RHD*** 1312.202429 1567964-XX-A (W)
+CCH02-G BU 0.13 MCIV ***RHD*** 1318.624228 1567964-XX-A (W)

RHD
EPAS (RHD)
W X190A X191A X192A X193A
+CCH01-F YE 0.13 MCIV ***RHD*** 889.460091 1567964-XX-A (W)
+CCH02-F BU 0.13 MCIV ***RHD*** 883.038292 1567964-XX-A (W)
TWIST-CAN_CCH01-F
X193A
X193A-2 CAN-P CAN2_HI
X193A-3 CAN-N CAN2_LO

+CCH03-A GY 0.13 MCIV 1019.671168 2067954-XX-B (A)
+CCH04-A BN 0.13 MCIV 1019.612795 2067954-XX-B (A)
Z1-+CCH03
Z1-+CCH04
+CCH03-C GY 0.13 MCIV 935.440664 2067954-XX-B (A)
+CCH04-C BN 0.13 MCIV 935.499037 2067954-XX-B (A)
TWIST-CAN_CCH03-C
X031
X031-18 Pass-through Chassis CAN Passthrough P
X031-19 Pass-through Chassis CAN Passthrough N

+CCH03-E GY 0.13 MCIV 2451.202966 2067954-XX-B (A)
+CCH04-E BN 0.13 MCIV 2451.144593 2067954-XX-B (A)

TPMS
A
X148-3 CAN CAN H
X148-4 CAN CAN L
X148
TWIST-CAN_CCH03-E

Restraints Controller
A,J X200 X201
X201-48 CAN-P CAN+ Chassis
X201-47 CAN-N CAN- Chassis
X201
+CCH03-D GY 0.35 FLRY 852.820966 2067954-XX-B (A)
+CCH04-D BN 0.35 FLRY 852.762593 2067954-XX-B (A)
TWIST-CAN_CCH03-D

PASSN
OCS
Y X241
X652-2 CAN CAN-H
X652-1 CAN CAN-L
X652
TWIST_CCH01_FLS-A
+CCH01_FLS-A GN 0.13 MCIV ***LHST && PASSN*** 1715.0 1076116-XX-F (Y)
+CCH02_FLS-A YE 0.13 MCIV ***LHST && PASSN*** 1715.0 1076116-XX-F (Y)
X032
X032-39 Pass-through Chassis CAN Passthrough P
X032-38 Pass-through Chassis CAN Passthrough N

Body Controller Right
B,P,J,W X050 X051 X052 X053 X054 X055 X056 X057 X058

TWIST-CAN_CCH03-A
X935F 9 X935M
X935F 10 X935M
+CCH03-B GY 0.13 MCIV 1360.244 1067955-XX-G (B)
+CCH04-B BN 0.13 MCIV 1360.244 1067955-XX-G (B)
TWIST-CAN_CCH03-B
X051
X051-24 CAN-P Chassis CAN P
X051-23 CAN-N Chassis CAN N

Park ECU Chassis CAN internal to controller

LHD
Autopilot ECU
W,J,B X003 X120 X121 X122 X800 X801 X830 X838 X870 X881 X890 X891
X121-9 CAN-P CH-CAN-H
X121-10 CAN-N CH-CAN-L
X121
TWIST-CAN_CCH05-B
+CCH05-B VT 0.13 MCIV ***LHD*** 303.995192 1567964-XX-A (W)
+CCH06-B RD 0.13 MCIV ***LHD*** 296.833333 1567964-XX-A (W)
Z1-+CCH05
Z1-+CCH06
+CCH05-C VT 0.13 MCIV ***LHD*** 283.3125 1567964-XX-A (W)
+CCH06-C RD 0.13 MCIV ***LHD*** 290.474359 1567964-XX-A (W)
TWIST-CAN_CCH05-C
X057
X057-13 CAN-P Chassis CAN P
X057-14 CAN-N Chassis CAN N

PASSN
OCS
Y X241
X652-2 CAN CAN-H
X652-1 CAN CAN-L
X652
TWIST_CCH05_FRS-A
+CCH05_FRS-A GN 0.13 MCIV ***PASSN && RHST*** 1715.0 1076116-XX-F (Y)
+CCH06_FRS-A YE 0.13 MCIV ***PASSN && RHST*** 1715.0 1076116-XX-F (Y)
X052
X052-44 CAN-P Chassis CAN P
X052-45 CAN-N Chassis CAN N

LHD
MCU (LHD)
W,B X170 X171 X172 X173 X174 X802 X803 X804 X831 X859 X860 X863 X864
X170-1 CAN-P CH-CAN-H
X170-2 CAN-N CH-CAN-L
X170
TWIST-CAN_CCH05-A
+CCH05-A VT 0.13 MCIV 153.995192 1567964-XX-A (W)
+CCH06-A RD 0.13 MCIV 146.833333 1567964-XX-A (W)

RHD
MCU (RHD)
W, B X170A X171A X172A X173A X174A X802A X803A X804A X831A X859A X860A X863A X864A
X170A-1 CAN-P CH-CAN-H
X170A-2 CAN-N CH-CAN-L
X170A
TWIST-CAN_CCH05-E
+CCH05-E VT 0.13 MCIV ***RHD*** 2743.684452 1567964-XX-A (W)
+CCH06-E RD 0.13 MCIV ***RHD*** 2750.846311 1567964-XX-A (W)

RHD
iBooster & DTS (RHD)
W X150A X158A X159A
+CCH05-D VT 0.13 MCIV ***RHD*** 1172.333297 1567964-XX-A (W)
+CCH06-D RD 0.13 MCIV ***RHD*** 1179.495156 1567964-XX-A (W)
TWIST-CAN_CCH05-D
X150A
X150A-25 CAN Veh_CAN2 Positive (+)
X150A-16 CAN-N Veh_CAN2 Negative (-)

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DRAWN	CHECKED	APPROVED

MATERIAL	FINISHING	SCALE
AS SPECIFIED	AS SPECIFIED	NONE

PART NAME: CAN Chassis

PART NUMBER	REV	SHEET	SIZE
	2	14 OF 45	A0

Body Controller Left
A,D,J,W X030 X031 X032 X033 X034 X035 X036 X037 X038

X030-16 Ground Return
Headliner Shared Ground Return
X030

G702-G BK 0.35 FLRY
ECALL 324.21243 2067954-XX-B (A)

X981M 16 | 16 X981F

G702-E BK 0.50 FLRY
ECALL 1109.0 2067970-XX-A (K)

Vanity LED Right
K

X290-2 Ground Return
GND
X290

G702-D BK 0.35 FLRY
ECALL 1170.0 2067970-XX-A (K)

Vanity LED Left
K

X289-2 Ground Return
GND
X289

G702-B BK 0.35 FLRY
ECALL 195.0 2067970-XX-A (K)

Overhead Console Rear
K

X288-1 Ground Return
Ground
X288

G702-A BK 0.35 FLRY
ECALL 1514.0 2067970-XX-A (K)

Z1-G702

G702-C BK 0.35 FLRY
ECALL 472.25 2067970-XX-A (K)

Overhead Console Front eCall
K

X299-13 Ground Return
Ground Return
X299-6 High-Side Drive ***ECALL***
E-Call LED +
X299-12 Ground Return ***ECALL***
E-Call LED -
X299-14 Analog Out ***ECALL***
E-Call SOS Switch
X299-15 Analog Out ***ECALL***
E-Call Mic +
X299-16 Analog Out ***ECALL***
E-Call Mic -
X299

LHD
MCU (LHD)
W,B X170 X171 X172 X173 X174 X802 X803 X804 X831 X859 X860 X863 X864

ECALL X174-5 Analog Out
ECALL-SOS-LED_P
ECALL X174-4 Analog In
ECALL-SOS-LED_N
ECALL X174-6 Digital In
GSM-ECALL-nRSQT
ECALL X173-4 Analog In
ECALL-MIC-IN_P
ECALL X173-3 Analog In
ECALL-MIC-IN_N
X174 X173

TWIST_ECL04-B

ECL01-B WH 0.35 FLRY
ECALL && LHD 1979.933728 1067955-XX-G (B)
ECL02-B GN 0.35 FLRY
ECALL && LHD 1979.933728 1067955-XX-G (B)
ECL03-B VT 0.35 FLRY
ECALL && LHD 1979.933728 1067955-XX-G (B)
ECL04-B YE 0.35 FLRY
ECALL && LHD 1979.624711 1067955-XX-G (B)
ECL05-B BU 0.35 FLRY
ECALL && LHD 1979.624711 1067955-XX-G (B)

X937F 3 | 3 X937M
X937F 4 | 4 X937M
X937F 5 | 5 X937M
X937F 1 | 1 X937M
X937F 2 | 2 X937M

TWIST_ECL04-C

ECL01-C WH 0.35 FLRY
ECALL && LHD 1527.4525 2067954-XX-B (A)
ECL02-C GN 0.35 FLRY
ECALL && LHD 1527.4525 2067954-XX-B (A)
ECL03-C VT 0.35 FLRY
ECALL && LHD 1527.4525 2067954-XX-B (A)
ECL04-C YE 0.35 FLRY
ECALL && LHD 1527.4525 2067954-XX-B (A)
ECL05-C BU 0.35 FLRY
ECALL && LHD 1527.4525 2067954-XX-B (A)

X981M 17 | 17 X981F
X981M 12 | 12 X981F
X981M 15 | 15 X981F
X981M 13 | 13 X981F
X981M 14 | 14 X981F

TWIST_ECL04-A

ECL01-A WH 0.35 FLRY
ECALL 1581.25 2067970-XX-A (K)
ECL02-A GN 0.35 FLRY
ECALL 1581.25 2067970-XX-A (K)
ECL03-A VT 0.35 FLRY
ECALL 1581.25 2067970-XX-A (K)
ECL04-A YE 0.35 FLRY
ECALL 1581.25 2067970-XX-A (K)
ECL05-A BU 0.35 FLRY
ECALL 1581.25 2067970-XX-A (K)
X299

RHD
MCU (RHD)
W, B X170A X171A X172A X173A X174A X802A X803A X804A X831A X859A X860A X863A X864A

ECALL X174A-5 Analog Out
ECALL-SOS-LED_P
ECALL X174A-4 Analog In
ECALL-SOS-LED_N
ECALL X174A-6 Digital In
GSM-ECALL-nRSQT
ECALL X173A-4 Analog In
ECALL-MIC-IN_P
ECALL X173A-3 Analog In
ECALL-MIC-IN_N
X174A X173A

TWIST_ECL04_R-A

ECL01_R-B WH 0.35 FLRY
ECALL && RHD 1198.76792 2067954-XX-B (A)
ECL02_R-A GN 0.35 FLRY
ECALL && RHD 1198.76792 2067954-XX-B (A)
ECL03_R-B VT 0.35 FLRY
ECALL && RHD 1198.76792 2067954-XX-B (A)
ECL04_R-A YE 0.35 FLRY
ECALL && RHD 1199.26792 2067954-XX-B (A)
ECL05_R-A BU 0.35 FLRY
ECALL && RHD 1199.26792 2067954-XX-B (A)

ECALL
eCall Backup Battery
C

ECALL X174-2 Analog In
BKP-BATT-NTC_P
ECALL X174-1 Analog In
BKP-BATT-NTC_N
ECALL X173-6 Power In
BKP-BATT-P
ECALL X173-5 Power In
BKP-BATT-N
X174

ECL13-B YE 0.35 FLRY
ECALL && LHD 1979.933728 1067955-XX-G (B)
ECL12-B GN 0.35 FLRY
ECALL && LHD 1979.933728 1067955-XX-G (B)
ECL10-B RD 0.35 FLRY
ECALL && LHD 1979.624711 1067955-XX-G (B)
ECL11-B BK 0.35 FLRY
ECALL && LHD 1979.624711 1067955-XX-G (B)

X937F 8 | 8 X937M
X937F 7 | 7 X937M
X937F 9 | 9 X937M
X937F 10 | 10 X937M

ECL13-C YE 0.35 FLRY
ECALL && LHD 401.6178 2067954-XX-B (A)
ECL12-C GN 0.35 FLRY
ECALL && LHD 401.6178 2067954-XX-B (A)
ECL10-C RD 0.35 FLRY
ECALL && LHD 401.6178 2067954-XX-B (A)
ECL11-C BK 0.35 FLRY
ECALL && LHD 401.6178 2067954-XX-B (A)

X930F 23 | 23 X930M
X930F 22 | 22 X930M
X930F 20 | 20 X930M
X930F 21 | 21 X930M

ECL13-A YE 0.35 FLRY
ECALL 527.5 2067956-XX-A (C)
ECL12-A GN 0.35 FLRY
ECALL 527.5 2067956-XX-A (C)
ECL10-A RD 0.35 FLRY
ECALL 527.5 2067956-XX-A (C)
ECL11-A BK 0.35 FLRY
ECALL 527.5 2067956-XX-A (C)
X693

X693-2 Analog In
NTC +
X693-3 Analog In
NTC -
X693-4 Power - Always On
Battery +
X693-1 Ground Return
Battery -

RHD
MCU (RHD)
W, B X170A X171A X172A X173A X174A X802A X803A X804A X831A X859A X860A X863A X864A

ECALL X174A-2 Analog In
BKP-BATT-NTC_P
ECALL X174A-1 Analog In
BKP-BATT-NTC_N
ECALL X173A-6 Power In
BKP-BATT-P
ECALL X173A-5 Power In
BKP-BATT-N
X174A X173A

ECL13_R-B YE 0.35 FLRY
ECALL && RHD 2589.10262 2067954-XX-B (A)
ECL12_R-B GN 0.35 FLRY
ECALL && RHD 2589.10262 2067954-XX-B (A)
ECL10_R-B RD 0.35 FLRY
ECALL && RHD 2589.60262 2067954-XX-B (A)
ECL11_R-B BK 0.35 FLRY
ECALL && RHD 2589.60262 2067954-XX-B (A)

Body Controller Right
B,P,J,W X050 X051 X052 X053 X054 X055 X056 X057 X058

ECALL X173-8 PWM In
RCM-ENS-IN

+ENS10_B-B YE 0.35 FLRY
ECALL && LHD 503.289511 1067955-XX-G (B)

X908M 11 | 11 X908F

+ENS10_B-A YE 0.35 FLRY
ECALL && LHD 116.5 1567964-XX-A (W)

X057 X057-25 Pass-through
eCall Passthrough
X055-21 Pass-through
eCall Passthrough
X055

+ENS10_A-A YE 0.35 FLRY
1949.5748 1067960-XX-E, 1117960-XX-A (J)
X200

Restraints Controller
A,J X200 X201

X200-13 Low-Side Drive ***ECALL***
ENS (GTW)

RHD
MCU (RHD)
W, B X170A X171A X172A X173A X174A X802A X803A X804A X831A X859A X860A X863A X864A

ECALL X173A-8 PWM In
RCM-ENS-IN
X173A

+ENS10_B_R-B YE 0.35 FLRY
ECALL && RHD 947.07292 2067954-XX-B (A)

X909M 9 | 9 X909F

+ENS10_B_R-A YE 0.35 FLRY
ECALL && RHD 2653.500001 1567964-XX-A (W)

LHD
Speaker Emergency Audio (LHD)
W

X173-2 Analog Out
EMERG-AUD-OUT_P
X173-1 Analog Out
EMERG-AUD-OUT_N
X173

TWIST_AUD69_B-A

AUD69_B-A RD 0.50 FLRY
LHD 503.289511 1067955-XX-G (B)
AUD70_B-A GN 0.50 FLRY
LHD 503.289511 1067955-XX-G (B)

X908M 1 | 1 X908F
X908M 2 | 2 X908F

AUD69_B-B RD 0.35 FLRY
LHD && RHD REEU || LHD && RHD REAP 55.5 1567964-XX-A (W)
AUD70_B-B GN 0.35 FLRY
LHD && RHD REEU || LHD && RHD REAP 55.5 1567964-XX-A (W)

TWIST_AUD69_B-B

X603-1 Analog In
Speaker P
X603-2 Analog In
Speaker N
X603

LHD
Autopilot ECU
W,J,B X003 X120 X121 X122 X800 X801 X830 X838 X870 X881 X890 X891

X170-6 Analog In
APE-EMERG-AUD-IN_P
X170-12 Analog In
APE-EMERG-AUD-IN_N
X170

TWIST_AUD69_A-A

AUD69_A-A RD 0.35 FLRY
LHD && RHD REAP || LHD && RHD REEU 350.0 1567964-XX-A (W)
AUD70_A-A GN 0.35 FLRY
LHD && RHD REAP || LHD && RHD REEU 350.0 1567964-XX-A (W)

TWIST_AUD69_A-A

X120-1 Analog Out
Emergency Audio, eCall Speaker P
X120-11 Analog Out
Emergency Audio, eCall Speaker N
X120

RHD
MCU (RHD)
W, B X170A X171A X172A X173A X174A X802A X803A X804A X831A X859A X860A X863A X864A

X173A-2 Analog Out
EMERG-AUD-OUT_P
X173A-1 Analog Out
EMERG-AUD-OUT_N
X173A

TWIST_AUD69_R-A

AUD69_B_R-A RD 0.50 FLRY
RHD 947.07292 2067954-XX-B (A)
AUD70_B_R-A GN 0.50 FLRY
RHD 947.07292 2067954-XX-B (A)

X909M 1 | 1 X909F
X909M 2 | 2 X909F

AUD69_B_R-B RD 0.35 FLRY
RHD 149.121951 1567964-XX-A (W)
AUD70_B_R-B GN 0.35 FLRY
RHD 149.121951 1567964-XX-A (W)

TWIST_AUD69_B_A-B

RHD
Speaker Emergency Audio (RHD)
W,J,B

X603A-1 Analog In
Speaker P
X603A-2 Analog In
Speaker N
X603A

RHD
Autopilot ECU (RHD)
W,J,B,A X003A X120A X121A X122A X800A X801A X830A X838A X870A X881A X890A X981A

X170A-6 Analog In
APE-EMERG-AUD-IN_P
X170A-12 Analog In
APE-EMERG-AUD-IN_N
X170A

TWIST_AUD69_A_R-A

AUD69_A_R-A RD 0.35 FLRY
RHD 6.290569 1567964-XX-A (W)
AUD70_A_R-A GN 0.35 FLRY
RHD 6.290569 1567964-XX-A (W)

TWIST_AUD69_A_R-A

X120A-1 Analog Out
Emergency Audio, eCall Speaker P
X120A-11 Analog Out
Emergency Audio, eCall Speaker N
X120A

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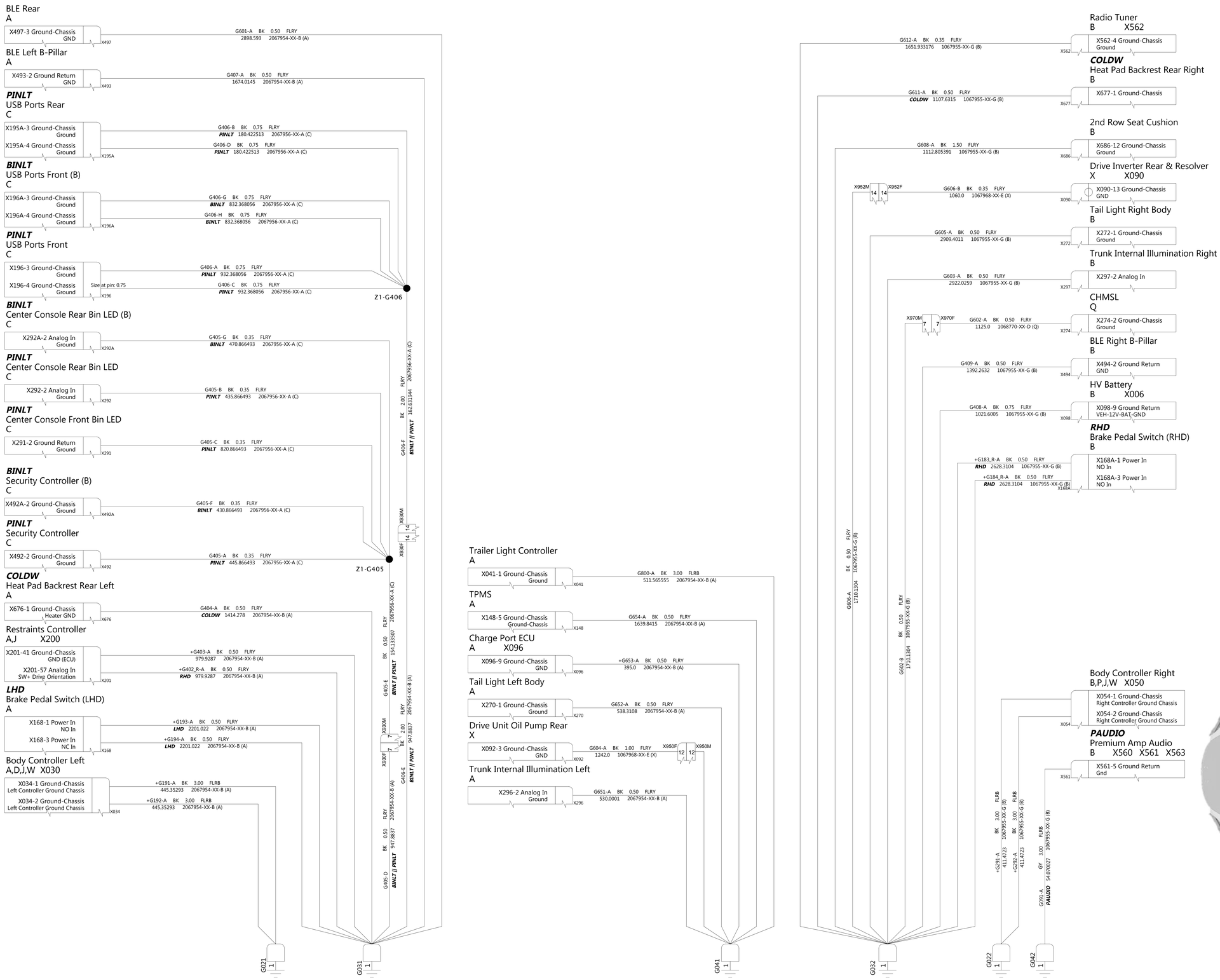
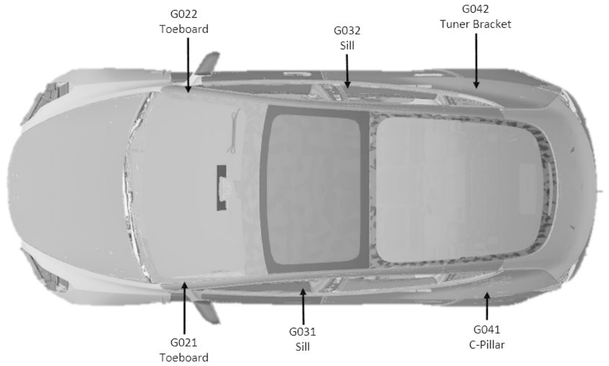
DRAWN	CHECKED	APPROVED

MATERIAL	FINISHING	SCALE
AS SPECIFIED	AS SPECIFIED	NONE

PART NAME
eCall

PART NUMBER	REV	SHEET	SIZE
	2	24 OF 45	A0





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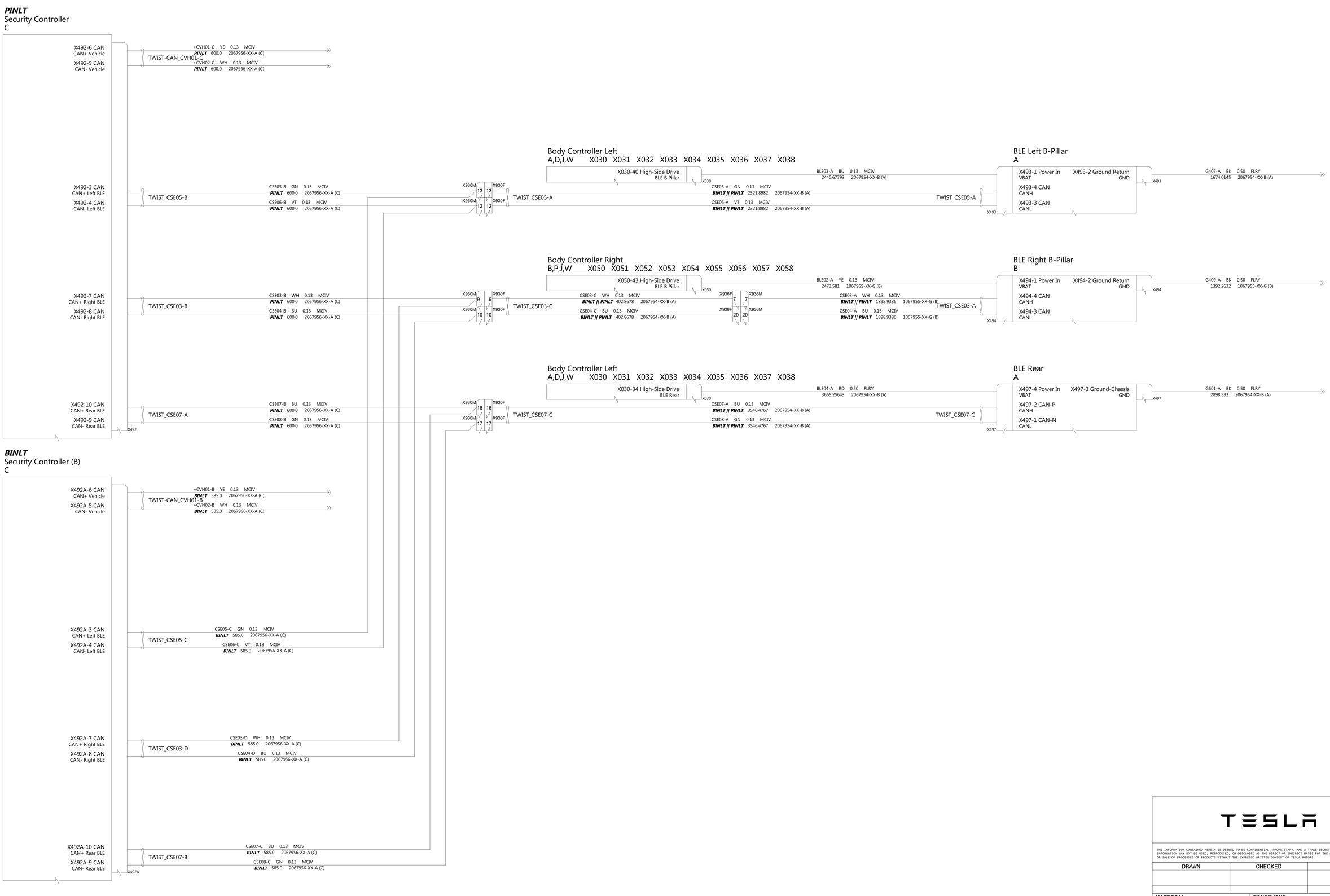
DRAWN	CHECKED	APPROVED

MATERIAL	FINISHING	SCALE
AS SPECIFIED	AS SPECIFIED	NONE

PART NAME
Power Distribution, Grounding A,B,C Pillars

PART NUMBER	REV	SHEET	SIZE
	2	35 OF 45	A0



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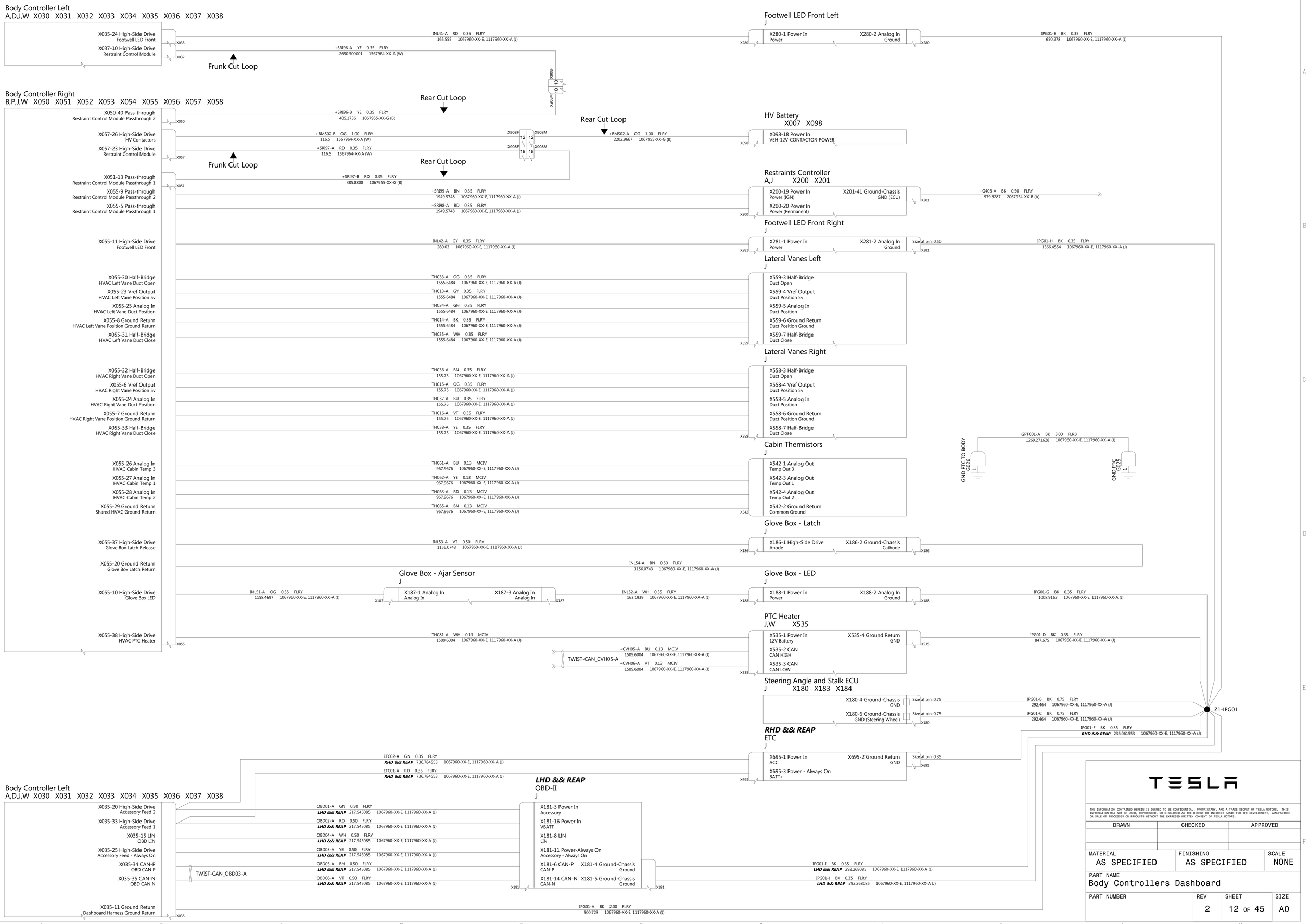
DRAWN	CHECKED	APPROVED

MATERIAL	FINISHING	SCALE
AS SPECIFIED	AS SPECIFIED	NONE

PART NAME
Security Controls

PART NUMBER	REV	SHEET	SIZE
	2	43 OF 45	A0


Body Controller Left
A,D,J,W X030 X031 X032 X033 X034 X035 X036 X037 X038
X035-24 High-Side Drive
Footwell LED Front
X037-10 High-Side Drive
Restraint Control Module
Frunk Cut Loop
Body Controller Right
B,P,J,W X050 X051 X052 X053 X054 X055 X056 X057 X058
X050-40 Pass-through
Restraint Control Module Passthrough 2
X057-26 High-Side Drive
HV Contactors
X057-23 High-Side Drive
Restraint Control Module
X051-13 Pass-through
Restraint Control Module Passthrough 1
X055-9 Pass-through
Restraint Control Module Passthrough 2
X055-5 Pass-through
Restraint Control Module Passthrough 1
X055-11 High-Side Drive
Footwell LED Front
X055-30 Half-Bridge
HVAC Left Vane Duct Open
X055-23 Vref Output
HVAC Left Vane Position 5v
X055-25 Analog In
HVAC Left Vane Duct Position
X055-8 Ground Return
HVAC Left Vane Position Ground Return
X055-31 Half-Bridge
HVAC Left Vane Duct Close
X055-32 Half-Bridge
HVAC Right Vane Duct Open
X055-6 Vref Output
HVAC Right Vane Position 5v
X055-24 Analog In
HVAC Right Vane Duct Position
X055-7 Ground Return
HVAC Right Vane Position Ground Return
X055-33 Half-Bridge
HVAC Right Vane Duct Close
X055-26 Analog In
HVAC Cabin Temp 3
X055-27 Analog In
HVAC Cabin Temp 1
X055-28 Analog In
HVAC Cabin Temp 2
X055-29 Ground Return
Shared HVAC Ground Return
X055-37 High-Side Drive
Glove Box Latch Release
X055-20 Ground Return
Glove Box Latch Return
X055-10 High-Side Drive
Glove Box LED
X055-38 High-Side Drive
HVAC PTC Heater
INL41-A RD 0.35 FLRY
165.555 1067960-XX-E, 1117960-XX-A (J)
+SRI96-A YE 0.35 FLRY
2650.500001 1567964-XX-A (W)
X908F
X908M
10 10
+SRI96-B YE 0.35 FLRY
405.1736 1067955-XX-G (B)
Rear Cut Loop
+BMS02-B OG 1.00 FLRY
116.5 1567964-XX-A (W)
+SRI97-A RD 0.35 FLRY
116.5 1567964-XX-A (W)
12 12
15 15
+BMS02-A OG 1.00 FLRY
2202.9667 1067955-XX-G (B)
+SRI97-B RD 0.35 FLRY
385.8808 1067955-XX-G (B)
+SRI99-A BN 0.35 FLRY
1949.5748 1067960-XX-E, 1117960-XX-A (J)
+SRI98-A RD 0.35 FLRY
1949.5748 1067960-XX-E, 1117960-XX-A (J)
INL42-A GY 0.35 FLRY
260.03 1067960-XX-E, 1117960-XX-A (J)
THC33-A OG 0.35 FLRY
1555.6484 1067960-XX-E, 1117960-XX-A (J)
THC13-A GY 0.35 FLRY
1555.6484 1067960-XX-E, 1117960-XX-A (J)
THC34-A GN 0.35 FLRY
1555.6484 1067960-XX-E, 1117960-XX-A (J)
THC14-A BK 0.35 FLRY
1555.6484 1067960-XX-E, 1117960-XX-A (J)
THC35-A WH 0.35 FLRY
1555.6484 1067960-XX-E, 1117960-XX-A (J)
THC36-A BN 0.35 FLRY
155.75 1067960-XX-E, 1117960-XX-A (J)
THC15-A OG 0.35 FLRY
155.75 1067960-XX-E, 1117960-XX-A (J)
THC37-A BU 0.35 FLRY
155.75 1067960-XX-E, 1117960-XX-A (J)
THC16-A VT 0.35 FLRY
155.75 1067960-XX-E, 1117960-XX-A (J)
THC38-A YE 0.35 FLRY
155.75 1067960-XX-E, 1117960-XX-A (J)
THC61-A BU 0.13 MCIV
967.9676 1067960-XX-E, 1117960-XX-A (J)
THC62-A YE 0.13 MCIV
967.9676 1067960-XX-E, 1117960-XX-A (J)
THC63-A RD 0.13 MCIV
967.9676 1067960-XX-E, 1117960-XX-A (J)
THC65-A BN 0.13 MCIV
967.9676 1067960-XX-E, 1117960-XX-A (J)
INL53-A VT 0.50 FLRY
1156.0743 1067960-XX-E, 1117960-XX-A (J)
INL54-A BN 0.50 FLRY
1156.0743 1067960-XX-E, 1117960-XX-A (J)
INL51-A OG 0.35 FLRY
1158.4697 1067960-XX-E, 1117960-XX-A (J)
THC81-A WH 0.13 MCIV
1509.6004 1067960-XX-E, 1117960-XX-A (J)
+CVH05-A BU 0.13 MCIV
1509.6004 1067960-XX-E, 1117960-XX-A (J)
TWIST-CAN_CVH05-A
+CVH06-A VT 0.13 MCIV
1509.6004 1067960-XX-E, 1117960-XX-A (J)
Footwell LED Front Left
J
X280-1 Power In
Power
X280-2 Analog In
Ground
IPG01-E BK 0.35 FLRY
650.278 1067960-XX-E, 1117960-XX-A (J)
HV Battery
X007 X098
X098-18 Power In
VEH-12V-CONTACTOR-POWER
Restraints Controller
A,J X200 X201
X200-19 Power In
Power (IGN)
X200-20 Power In
Power (Permanent)
X201-41 Ground-Chassis
GND (ECU)
+G403-A BK 0.50 FLRY
979.9287 2067954-XX-B (A)
Footwell LED Front Right
J
X281-1 Power In
Power
X281-2 Analog In
Ground
Size at pin: 0.50
IPG01-H BK 0.35 FLRY
1366.4554 1067960-XX-E, 1117960-XX-A (J)
Lateral Vanes Left
J
X559-3 Half-Bridge
Duct Open
X559-4 Vref Output
Duct Position 5v
X559-5 Analog In
Duct Position
X559-6 Ground Return
Duct Position Ground
X559-7 Half-Bridge
Duct Close
Lateral Vanes Right
J
X558-3 Half-Bridge
Duct Open
X558-4 Vref Output
Duct Position 5v
X558-5 Analog In
Duct Position
X558-6 Ground Return
Duct Position Ground
X558-7 Half-Bridge
Duct Close
Cabin Thermistors
J
X542-1 Analog Out
Temp Out 3
X542-3 Analog Out
Temp Out 1
X542-4 Analog Out
Temp Out 2
X542-2 Ground Return
Common Ground
GPTC01-A BK 3.00 FLRB
1269.271628 1067960-XX-E, 1117960-XX-A (J)
GND PTC TO BODY
G026
GND PTC
G025
Glove Box - Latch
J
X186-1 High-Side Drive
Anode
X186-2 Ground-Chassis
Cathode
Glove Box - Ajar Sensor
J
X187-1 Analog In
Analog In
X187-3 Analog In
Analog In
Glove Box - LED
J
X188-1 Power In
Power
X188-2 Analog In
Ground
IPG01-G BK 0.35 FLRY
1008.9162 1067960-XX-E, 1117960-XX-A (J)
PTC Heater
J,W X535
X535-1 Power In
12V Battery
X535-2 CAN
CAN HIGH
X535-3 CAN
CAN LOW
X535-4 Ground Return
GND
IPG01-D BK 0.35 FLRY
847.675 1067960-XX-E, 1117960-XX-A (J)
Steering Angle and Stalk ECU
J X180 X183 X184
X180-4 Ground-Chassis
GND
X180-6 Ground-Chassis
GND (Steering Wheel)
Size at pin: 0.75
IPG01-B BK 0.75 FLRY
292.464 1067960-XX-E, 1117960-XX-A (J)
IPG01-C BK 0.75 FLRY
292.464 1067960-XX-E, 1117960-XX-A (J)
Z1-IPG01
RHD && REAP
ETC
J
X695-1 Power In
ACC
X695-3 Power - Always On
BATT+
X695-2 Ground Return
GND
Size at pin: 0.35
IPG01-F BK 0.35 FLRY
RHD && REAP 236.061553 1067960-XX-E, 1117960-XX-A (J)
ETC02-A GN 0.35 FLRY
RHD && REAP 736.784553 1067960-XX-E, 1117960-XX-A (J)
ETC01-A RD 0.35 FLRY
RHD && REAP 736.784553 1067960-XX-E, 1117960-XX-A (J)
LHD && REAP
OBD-II
J
X181-3 Power In
Accessory
X181-16 Power In
VBATT
X181-8 LIN
LIN
X181-11 Power-Always On
Accessory - Always On
X181-6 CAN-P
CAN-P
X181-4 Ground-Chassis
Ground
X181-14 CAN-N
CAN-N
X181-5 Ground-Chassis
Ground
Body Controller Left
A,D,J,W X030 X031 X032 X033 X034 X035 X036 X037 X038
X035-20 High-Side Drive
Accessory Feed 2
X035-33 High-Side Drive
Accessory Feed 1
X035-15 LIN
OBD LIN
X035-25 High-Side Drive
Accessory Feed - Always On
X035-34 CAN-P
OBD CAN P
X035-35 CAN-N
OBD CAN N
TWIST-CAN_OBD03-A
X035-11 Ground Return
Dashboard Harness Ground Return
OBD01-A GN 0.50 FLRY
LHD && REAP 217.545085 1067960-XX-E, 1117960-XX-A (J)
OBD02-A RD 0.50 FLRY
LHD && REAP 217.545085 1067960-XX-E, 1117960-XX-A (J)
OBD04-A WH 0.50 FLRY
LHD && REAP 217.545085 1067960-XX-E, 1117960-XX-A (J)
OBD03-A YE 0.50 FLRY
LHD && REAP 217.545085 1067960-XX-E, 1117960-XX-A (J)
OBD05-A BN 0.50 FLRY
LHD && REAP 217.545085 1067960-XX-E, 1117960-XX-A (J)
OBD06-A VT 0.50 FLRY
LHD && REAP 217.545085 1067960-XX-E, 1117960-XX-A (J)
IPG01-I BK 0.35 FLRY
LHD && REAP 292.268085 1067960-XX-E, 1117960-XX-A (J)
IPG01-J BK 0.35 FLRY
LHD && REAP 292.268085 1067960-XX-E, 1117960-XX-A (J)
IPG01-A BK 2.00 FLRY
500.723 1067960-XX-E, 1117960-XX-A (J)
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DRAWN
CHECKED
APPROVED
MATERIAL
AS SPECIFIED
FINISHING
AS SPECIFIED
SCALE
NONE
PART NAME
Body Controllers Dashboard
PART NUMBER
REV
2
SHEET
12 OF 45
SIZE
A0

AWD
Drive Inverter Front & Resolver
N X093 X094
X093-3 Power In
Switched +12V
X093-22 Power In
Unswitched +12V
X093-13 Ground-Chassis
GND
X093-23 Analog In
HVIL in
X093-4 Analog Out
HVIL out
X093-30 CAN
PRTY-CAN+
X093-20 CAN
PRTY-CAN-
X093-12 CAN
Vehicle-CAN+
X093-2 CAN
Vehicle-CAN-
X093-10 LIN
Oil Pump Status
X093-26 Analog Out
Resolver Excitation +
X093-16 Analog Out
Resolver Excitation-
X093-17 Analog In
Resolver Sine +
X093-7 Analog In
Resolver Sine -
X093-8 Analog In
Resolver Cosine +
X093-27 Analog In
Resolver Cosine -
X093-28 Analog In
Stator Temp +
X093-18 Analog In
Stator temp -
X093
PT051-B GN 0.35 FLRY
AWD 1232.0 1068769-XX-D (N)
PT052-B YE 0.13 MCIV
AWD 1232.0 1068769-XX-D (N)
G019-B BK 0.35 FLRY
AWD 1232.0 1068769-XX-D (N)
+HVL03-B BN 0.35 FLRY
AWD 1232.0 1068769-XX-D (N)
+HVL04-B YE 0.35 FLRY
AWD 1232.0 1068769-XX-D (N)
TWIST-CAN_CPT01-E
+CPT01-E BU 0.13 MCIV
AWD 1232.0 1068769-XX-D (N)
+CPT02-E WH 0.13 MCIV
AWD 1232.0 1068769-XX-D (N)
TWIST-CAN_CVH01-H
+CVH01-H YE 0.13 MCIV
AWD 1232.0 1068769-XX-D (N)
+CVH02-H WH 0.13 MCIV
AWD 1232.0 1068769-XX-D (N)
+DRV21-A RD 0.13 MCIV
AWD 1780.0 1068769-XX-D (N)
TWIST_RES51-A
+RES51-A YE 0.13 MCIV
AWD 1889.0 1068769-XX-D (N)
+RES52-A BU 0.13 MCIV
AWD 1889.0 1068769-XX-D (N)
TWIST_RES53-A
+RES53-A GN 0.13 MCIV
AWD 1889.0 1068769-XX-D (N)
+RES54-A RD 0.13 MCIV
AWD 1889.0 1068769-XX-D (N)
TWIST_RES55-A
+RES55-A VT 0.13 MCIV
AWD 1889.0 1068769-XX-D (N)
+RES56-A BN 0.13 MCIV
AWD 1889.0 1068769-XX-D (N)
+RES57-A WH 0.13 MCIV
AWD 1889.0 1068769-XX-D (N)
+RES58-A GY 0.13 MCIV
AWD 1889.0 1068769-XX-D (N)
AWD
Drive Unit Oil Pump Front
N
X095-2 LIN
Oil Pump Status
X095
AWD
Drive Inverter Front & Resolver
N X093 X094
X094-3 Analog In
Resolver Excitation+
X094-8 Analog In
Resolver Excitation-
X094-4 Analog In
Resolver Sine +
X094-9 Analog In
Resolver Sine -
X094-5 Analog In
Resolver Cosine +
X094-10 Analog In
Resolver Cosine -
X094-1 Analog In
Stator temp +
X094-6 Analog In
Stator temp -
X094
Drive Inverter Rear & Resolver
X X090 X091
X090-15 Vref Output
Accel 1 +5V
X090-25 Analog In
Accel 1 signal
X090-6 Ground Return
Accel 1 ground
X090-14 Vref Output
Accel 2 +5V
X090-24 Analog In
Accel 2 signal
X090-5 Ground Return
Accel 2 ground
X090-3 Power In
Switched +12V
X090-22 Power In
Unswitched +12V
X090-13 Ground-Chassis
GND
X090-23 Analog In
HVIL in
X090-4 Analog Out
HVIL out
X090-12 CAN
Vehicle-CAN+
X090-2 CAN
Vehicle-CAN-
X090-30 CAN
PRTY-CAN+
X090-20 CAN
PRTY-CAN-
X090-11 Digital In
Brake NO
X090-21 Digital In
Brake NC
X090-1 Digital In
Proximity
X090-10 LIN
Oil Pump Status
X090-26 Analog Out
Resolver Excitation +
X090-16 Analog Out
Resolver Excitation-
X090-17 Analog In
Resolver Sine +
X090-7 Analog In
Resolver Sine -
X090-8 Analog In
Resolver Cosine +
X090-27 Analog In
Resolver Cosine -
X090-28 Analog In
Stator Temp +
X090-18 Analog In
Stator temp -
X090
+DRV01-A RD 0.13 MCIV
LHD || RHD 767.0 1067968-XX-E (X)
+DRV02-A GY 0.13 MCIV
LHD || RHD 767.0 1067968-XX-E (X)
+DRV03-A YE 0.13 MCIV
LHD || RHD 767.0 1067968-XX-E (X)
+DRV04-A BN 0.13 MCIV
LHD || RHD 767.0 1067968-XX-E (X)
+DRV05-A GN 0.13 MCIV
LHD || RHD 767.0 1067968-XX-E (X)
+DRV06-A VT 0.13 MCIV
LHD || RHD 767.0 1067968-XX-E (X)
+DRV62-A YE 0.35 FLRY
767.0 1067968-XX-E (X)
+DRV61-B VT 0.13 MCIV
767.0 1067968-XX-E (X)
G606-B BK 0.35 FLRY
1060.0 1067968-XX-E (X)
+HVL01-B RD 0.35 FLRY
1060.0 1067968-XX-E (X)
+HVL02-B WH 0.35 FLRY
1060.0 1067968-XX-E (X)
TWIST-CAN_CVH11-A
+CVH11-A YE 0.13 MCIV
1060.0 1067968-XX-E (X)
+CVH12-A BU 0.13 MCIV
1060.0 1067968-XX-E (X)
TWIST-CAN_CPT01-D
+CPT01-D BU 0.13 MCIV
767.0 1067968-XX-E (X)
+CPT02-D WH 0.13 MCIV
767.0 1067968-XX-E (X)
+BRK02-B RD 0.35 FLRY
1060.0 1067968-XX-E (X)
+BRK04-A BN 0.35 FLRY
LHD || RHD 1060.0 1067968-XX-E (X)
+DRV31-B WH 0.13 MCIV
767.0 1067968-XX-E (X)
+DRV11-A YE 0.13 MCIV
979.0 1067968-XX-E (X)
TWIST_RES01-A
+RES01-A YE 0.35 FLRY
897.0 1067968-XX-E (X)
+RES02-A BK 0.35 FLRY
897.0 1067968-XX-E (X)
TWIST_RES03-A
+RES03-A GN 0.35 FLRY
897.0 1067968-XX-E (X)
+RES04-A RD 0.35 FLRY
897.0 1067968-XX-E (X)
TWIST_RES05-A
+RES05-A VT 0.35 FLRY
897.0 1067968-XX-E (X)
+RES06-A BU 0.35 FLRY
897.0 1067968-XX-E (X)
+RES07-A WH 0.35 FLRY
897.0 1067968-XX-E (X)
+RES08-A GY 0.35 FLRY
897.0 1067968-XX-E (X)
X950F
X950M
+DRV01-A RD 0.13 MCIV
LHD 5149.4342 2067954-XX-B (A)
+DRV02-B GY 0.13 MCIV
LHD 5149.4342 2067954-XX-B (A)
+DRV03-B YE 0.13 MCIV
LHD 5149.4342 2067954-XX-B (A)
+DRV04-B BN 0.13 MCIV
LHD 5149.4342 2067954-XX-B (A)
+DRV05-B GN 0.13 MCIV
LHD 5149.4342 2067954-XX-B (A)
+DRV06-B VT 0.13 MCIV
LHD 5149.4342 2067954-XX-B (A)
X167
LHD
Accel Pedal Sensor (LHD)
A
X167-6 Power In
Accel_Ref1
X167-5 Analog Out
Accel_Sig1
X167-4 Ground Return
Accel_Rtn1
X167-1 Power In
Accel_Ref2
X167-2 Analog Out
Accel_Sig2
X167-3 Ground Return
Accel_Rtn2
+DRV01-D RD 0.13 MCIV
RHD 4203.5073 2067954-XX-B (A)
+DRV02-D GY 0.13 MCIV
RHD 4203.5073 2067954-XX-B (A)
+DRV03-D YE 0.13 MCIV
RHD 4203.5073 2067954-XX-B (A)
+DRV04-D BN 0.13 MCIV
RHD 4203.5073 2067954-XX-B (A)
+DRV05-D GN 0.13 MCIV
RHD 4203.5073 2067954-XX-B (A)
+DRV06-D VT 0.13 MCIV
RHD 4203.5073 2067954-XX-B (A)
X936F
X936M
+DRV01-C RD 0.13 MCIV
RHD 2161.3668 1067955-XX-G (B)
+DRV02-C GY 0.13 MCIV
RHD 2161.3668 1067955-XX-G (B)
+DRV03-C YE 0.13 MCIV
RHD 2161.3668 1067955-XX-G (B)
+DRV04-C BN 0.13 MCIV
RHD 2161.3668 1067955-XX-G (B)
+DRV05-C GN 0.13 MCIV
RHD 2161.3668 1067955-XX-G (B)
+DRV06-C VT 0.13 MCIV
RHD 2161.3668 1067955-XX-G (B)
X167A
RHD
Accel Pedal Sensor (RHD)
B
X167A-6 Power In
Accel_Ref1
X167A-5 Analog Out
Accel_Sig1
X167A-4 Ground Return
Accel_Rtn1
X167A-1 Power In
Accel_Ref2
X167A-2 Analog Out
Accel_Sig2
X167A-3 Ground Return
Accel_Rtn2
Body Controller Left
A,D,J,W X030 X031 X032 X033 X034 X035 X036 X037 X038
+BRK02-H RD 0.35 FLRY
RHD 1859.08443 2067954-XX-B (A)
+BRK02-A RD 0.35 FLRY
LHD 102.766096 2067954-XX-B (A)
X031
X031-26 Digital In - Wake
Brake Switch Normally Open
+BRK02-D RD 0.35 FLRY
RHD 1813.6086 1067955-XX-G (B)
+BRK02-G RD 0.35 FLRY
RHD 403.1972 1067955-XX-G (B)
Z2-BRK02
+BRK02-I RD 0.35 FLRY
LHD 2216.8058 1067955-XX-G (B)
+BRK04-D BN 0.35 FLRY
LHD 2216.8058 1067955-XX-G (B)
+BRK02-E RD 0.35 FLRY
LHD 1756.318334 2067954-XX-B (A)
+BRK04-B BN 0.35 FLRY
LHD 2951.7735 2067954-XX-B (A)
+BRK02-C RD 0.35 FLRY
LHD 1197.296834 2067954-XX-B (A)
Z1-BRK02
Brake Pedal Switch (LHD)
A LHD
X168-2 Analog Out
NO Out
X168-1 Power In
NO In
X168-4 Analog Out
NC Out
X168-3 Power In
NC In
X168
+G193-A BK 0.50 FLRY
LHD 2201.022 2067954-XX-B (A)
+G194-A BK 0.50 FLRY
LHD 2201.022 2067954-XX-B (A)
Brake Pedal Switch (RHD)
B RHD
X168A-2 Analog Out
NO Out
X168A-1 Power In
NO In
X168A-4 Analog Out
NC Out
X168A-3 Power In
NO In
X168A
+BRK02-F RD 0.35 FLRY
RHD 2389.3886 1067955-XX-G (B)
+BRK04-C BN 0.35 FLRY
RHD 4202.9972 1067955-XX-G (B)
+G183_R-A BK 0.50 FLRY
RHD 2628.3104 1067955-XX-G (B)
+G184_R-A BK 0.50 FLRY
RHD 2628.3104 1067955-XX-G (B)
Charge Port ECU
A X096 X687 X688
X096-4 Digital Out
PROX_OUT
X096
+DRV31-A WH 0.13 MCIV
1499.1628 2067954-XX-B (A)
Drive Unit Oil Pump Rear
X
X092-2 LIN
Oil Pump Status
X092
Drive Inverter Rear & Resolver
X X090 X091
X091-3 Analog In
Resolver Excitation+
X091-8 Analog In
Resolver Excitation-
X091-4 Analog In
Resolver Sine+
X091-9 Analog In
Resolver Sine-
X091-5 Analog In
Resolver Cosine+
X091-10 Analog In
Resolver Cosine -
X091-1 Analog In
Stator temp +
X091-6 Analog In
Stator temp -
X091
TESLA
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DRAWN
CHECKED
APPROVED
MATERIAL
AS SPECIFIED
FINISHING
AS SPECIFIED
SCALE
NONE
PART NAME
Drive Inverters
PART NUMBER
REV
2
SHEET
21 OF 45
SIZE
A0

Trunk Internal Illumination Left
A
X296-1 Power In
Power
X296
INL71-A VT 0.35 FLRY
3645.25653 2067954-XX-B (A)

Door Map Pocket LED Rear Left
R ***PINLT***
X435-1 PWM In
Power
X435
DCL171-B OG 0.35 FLRY
PINLT 407.661076 2067965-XX-A (R)
X924F 16 16 X924M
DCL171-A OG 0.35 FLRY
PINLT 1770.30393 2067954-XX-B (A)
X030

Door Map Pocket LED Front Left
D ***PMIRR***
X370-1 PWM In
Power
X370
DCL71-A RD 0.35 FLRY
PMIRR 1880.0 1067957-XX-F (D)
X033

Drive Inverter Rear & Resolver
X X090 X091
X090-3 Power In
Switched +12V
X090
+DRV62-A YE 0.35 FLRY
767.0 1067968-XX-E (X)
X950F 9 9 X950M
+DRV62-B YE 0.35 FLRY
4219.41923 2067954-XX-B (A)

Heat Pad Backrest Rear Left
A ***COLDW***
X676-2 Power In
Heater + 12V
X676
RS035-A GN 0.50 FLRY
COLDW 2180.94143 2067954-XX-B (A)

Charge Port ECU
A X096 X687 X688
X096-10 Power - Always On
12V
X096
+CP001-A OG 0.35 FLRY
3510.25643 2067954-XX-B (A)

Latch Rear Left
R
X427-3 Half-Bridge
UNLATCH RESET
X427-4 Half-Bridge
UNLATCH OPEN
X427
DCL124-A GY 0.50 FLRY
533.661076 2067965-XX-A (R)
X924F 10 10 X924M
DCL124-B GY 0.50 FLRY
1770.30393 2067954-XX-B (A)
DCL123-A WH 0.50 FLRY
533.661076 2067965-XX-A (R)
X924F 9 9 X924M
DCL123-B WH 0.50 FLRY
1770.30393 2067954-XX-B (A)

PINLT
Security Controller
C
X492-1 Power In
Power
X492
SEC91-B YE 0.13 MCIV
PINLT 600.0 2067956-XX-A (C)
X930M 4 4 X930F
SEC91-A YE 0.13 MCIV
BINLT || PINLT 1714.54713 2067954-XX-B (A)

BINLT
Security Controller (B)
C
BINLT X492A-1 Power In
Power
X492A
SEC91-C YE 0.13 MCIV
BINLT 585.0 2067956-XX-A (C)

BLE Rear
A
X497-4 Power In
VBAT
X497
BLE04-A RD 0.50 FLRY
3665.25643 2067954-XX-B (A)

Overhead Console Front
K
X299-1 Power In
VBAT
X299
INL81-A YE 0.35 FLRY
1581.651388 2067970-XX-A (K)
X981F 19 19 X981M
INL81-B YE 0.35 FLRY
324.21243 2067954-XX-B (A)

BLE Left B-Pillar
A
X493-1 Power In
VBAT
X493
BLE03-A BU 0.13 MCIV
2440.67793 2067954-XX-B (A)

Tail Light Left Body
A
X270-5 Power In
Not connected (SAE), Stop (ECE)
X270-2 Power In
Tail (SAE/ECE)
X270-3 Power In
Turn/Stop (SAE), Turn (ECE)
X270
EXL22-A GY 0.35 FLRY
3653.56723 2067954-XX-B (A)
EXL21-A RD 0.35 FLRY
3653.56723 2067954-XX-B (A)
EXL23-A VT 0.35 FLRY
3653.56723 2067954-XX-B (A)

Window Lift Motor Rear Left
R
X433-1 Half-Bridge
MOTOR +
X433-5 Half-Bridge
MOTOR -
X433
TWIST_DCL101-A
DCL101-A WH 1.50 FLRY
559.661076 2067965-XX-A (R)
X924F 1 1 X924M
DCL101-B WH 1.50 FLRY
1770.30393 2067954-XX-B (A)
DCL102-A GY 1.50 FLRY
559.661076 2067965-XX-A (R)
X924F 12 12 X924M
DCL102-B GY 1.50 FLRY
1770.30393 2067954-XX-B (A)
TWIST_DCL101-B

PINLT
USB Ports Front
C
X196-1 Power In
12V Battery Input
X196-2 Power In
12V Battery Input
X196
Size at pin: 0.75
AUX02-A YE 0.75 FLRY
PINLT 490.039583 2067956-XX-A (C)
Size at pin: 0.75
AUX02-C YE 0.75 FLRY
PINLT 490.039583 2067956-XX-A (C)
Z1-AUX02
AUX02-G YE 2.00 FLRY
BINLT || PINLT 604.960417 2067956-XX-A (C)
X930M 15 15 X930F
AUX02-K YE 1.00 FLRY
1714.54713 2067954-XX-B (A)

BINLT
USB Ports Front (B)
C
X196A-2 Power In
12V Battery Input
X196A-1 Power In
12V Battery Input
X196A
Size at pin: 0.75
AUX02-I YE 0.75 FLRY
BINLT 969.960417 2067956-XX-A (C)
Size at pin: 0.75
AUX02-J YE 0.75 FLRY
BINLT 969.960417 2067956-XX-A (C)

PINLT
12V Power Socket Center Console
C
X197-A Power In
Power
X197
AUX01-B BU 2.00 FLRY
PINLT 660.0 2067956-XX-A (C)
X930M 1 1 X930F
AUX01-A BU 2.00 FLRY
BINLT || PINLT 1714.54713 2067954-XX-B (A)

BINLT
12V Power Socket Center Console (B)
C
X197A-A Power In
Power
X197A
AUX01-C BU 2.00 FLRY
BINLT 610.0 2067956-XX-A (C)

EPB Left
A
X162-1 Power In
Power - Apply
X162-2 Power In
Power - Release
X162
TWIST_ABS51-A
+ABS51-A RD 1.50 FLRY
4058.56163 2067954-XX-B (A)
+ABS52-A BK 1.50 FLRY
4058.56163 2067954-XX-B (A)
TWIST_ABS51-A
X030

Puddle LED Front Left
D
X371-1 Power In
Power
X371
DCL21-A VT 0.35 FLRY
1594.0 1067957-XX-F (D)
X033

Puddle LED Rear Left
R
X436-1 Power In
Power
X436
DCL121-A VT 0.35 FLRY
404.911076 2067965-XX-A (R)
X924F 7 7 X924M
DCL121-B VT 0.35 FLRY
1811.97343 2067954-XX-B (A)
X031

Body Controller Left
A,D,J,W X030 X031 X032 X033 X034 X035 X036 X037 X038

X030-18 High-Side Drive
Trunk Interior LED
X030-20 High-Side Drive
Door Rear Map Pocket LED
X033-29 High-Side Drive
Door Front Map Pocket LED
X030-26 High-Side Drive
Rear Drive Inverter
X030-27 High-Side Drive
Seat Rear Left Heat Pad Backrest
X030-28 High-Side Drive
Charge Port ECU
X030-29 Half-Bridge
Door Rear Latch Reset
X030-30 Half-Bridge
Door Rear Latch Release
X030-35 High-Side Drive
Security Controller
X030-34 High-Side Drive
BLE Rear
X030-36 High-Side Drive
Headliner Power
X030-40 High-Side Drive
BLE B Pillar
X030-41 High-Side Drive
Body Side Brake Light
X030-42 High-Side Drive
Body Side Tail Light
X030-44 High-Side Drive
Body Side Turn Signal
X030-48 Half-Bridge
Window Rear Motor Up
X030-49 Half-Bridge
Window Rear Motor Down
X030-47 High-Side Drive
USB Ports Front
X030-50 High-Side Drive
12V Power Socket
X030-51 Half-Bridge
Parking Brake Apply
X030-52 Half-Bridge
Parking Brake Release
X033-9 Digital In - Wake
Door Front Latch Open Puddle LED
X031-40 Digital In - Wake
Door Rear Latch Open Puddle LED

X031-11 High-Side Drive
TPMS
X031-24 High-Side Drive
Center Console Bin Front Switch LED
X031-25 High-Side Drive
Center Console Bin Rear Switch LED
X031-34 High-Side Drive
Rear Drive Inverter Discharge
X033-6 High-Side Drive
Door Front Window Switch LED
X031-37 High-Side Drive
Door Rear Window Switch LED
X031-38 High-Side Drive
Door Rear Interior Handle Switch LED
X033-2 High-Side Drive
Door Front Interior Handle Switch LED
X031-39 High-Side Drive
Door Rear Exterior Handle Sensor Sv
X032-9 Half-Bridge
Seat Front Backrest Up
X032-10 Half-Bridge
Seat Front Backrest Down
X032-12 Half-Bridge
Seat Front Track Forward
X032-13 Half-Bridge
Seat Front Track Reverse
X032-19 High-Side Drive
Occupant Classification ECU
X032-31 High-Side Drive
Seat Front Heat Pad Backrest
X032-32 High-Side Drive
Seat Front Heat Pad Cushion
X032-33 Half-Bridge
Seat Front Lift Up
X032-34 Half-Bridge
Seat Front Lift Down
X032-36 Half-Bridge
Seat Front Tilt Down
X032-37 Half-Bridge
Seat Front Tilt Up
X032-49 High-Side Drive
Lumbar ECU
X031-33 Vref Output
Ride Height Sensor RL 5V
X037-21 Vref Output
Ride Height Sensor FL 5V
X033-4 Vref Output
Mirror Tilt Position 5V

X031
DAS71-A YE 0.13 MCIV
3386.64363 2067954-XX-B (A)
X148
X148-1 Power In
Power In
Center Console Front Bin Switch
C ***PINLT***
INL63-B OG 0.35 FLRY
PINLT 1756.21663 2067954-XX-B (A)
X930F 2 2 X930M
INL63-A OG 0.35 FLRY
PINLT 940.0 2067956-XX-A (C)
X293
X293-2 Ground Return
Ground
Center Console Rear Bin Switch
C
INL61-B BN 0.35 FLRY
1756.21663 2067954-XX-B (A)
X930F 8 8 X930M
INL61-A BN 0.35 FLRY
335.0 2067956-XX-A (C)
X294
X294-2 Ground Return
Ground
Drive Inverter Rear & Resolver
X X090 X091
+DRV61-A VT 0.13 MCIV
4261.08873 2067954-XX-B (A)
X950M 10 10 X950F
+DRV61-B VT 0.13 MCIV
767.0 1067968-XX-E (X)
X090
X090-22 Power In
Unswitched +12V
Window Switch Driver Front Left
D ***LHD***
X033
DCL35-A GY 0.13 MCIV
LHD 1845.0 1067957-XX-F (D)
X365
X365-5 Power In
Illumination
Window Switch Pass Front Left
D ***RHD***
DCL35-B GY 0.13 MCIV
RHD 1853.0 1067957-XX-F (D)
X369
X369-1 Power In
LED
Window Switch RL
R
DCL134-B YE 0.35 FLRY
1811.97343 2067954-XX-B (A)
X924M 2 2 X924F
DCL134-A YE 0.35 FLRY
397.661076 2067965-XX-A (R)
X432
X432-1 Power In
LED
Interior Open Switch Rear Left
R
X031
DCL142-B WH 0.13 MCIV
1811.97343 2067954-XX-B (A)
X924M 14 14 X924F
DCL142-A WH 0.13 MCIV
636.661076 2067965-XX-A (R)
X426
X426-2 PWM In
Illumination
Interior Open Switch Front Left
D
X033
DCL42-A YE 0.13 MCIV
2094.0 1067957-XX-F (D)
X366
X366-2 PWM In
Illumination
Exterior Open Switch Rear Left
R
X031
DCL144-B GN 0.35 FLRY
1811.97343 2067954-XX-B (A)
X924M 17 17 X924F
DCL144-A GN 0.35 FLRY
731.661076 2067965-XX-A (R)
X425
X425-4 Power In
Us
Seat Backrest Pitch Front
Y
TWIST_SCL09-A
SCL09-A YE 0.75 FLRY
LHST 2525.0 1076116-XX-F (Y)
SCL10-A BK 0.75 FLRY
LHST 2525.0 1076116-XX-F (Y)
TWIST_SCL09-A
X613
X613-1 Power In
Power (U+ = SEAT FORWARD, CW)
X613-3 Power In
Power (U+ = SEAT REARWARD, CCW)
Track Motor
Y ***PREMST***
TWIST_SCL23-A
SCL23-A BU 1.00 FLRY
LHST && PREMST 1930.0 1076116-XX-F (Y)
SCL24-A GY 1.00 FLRY
LHST && PREMST 1930.0 1076116-XX-F (Y)
TWIST_SCL23-A
X614
X614-1 Power In
Fore
X614-5 Power In
Aft
OCS
Y ***PASSN***X241 X652
SCL30-A BU 0.13 MCIV
LHST && PASSN 1715.0 1076116-XX-F (Y)
X652
X652-4 Power In
Power
Heat Pad Backrest Front
Y
SCL13-A RD 0.50 FLRY
LHST 1740.0 1076116-XX-F (Y)
X616
X616-2 Power In
Heat +12V
Heat Pad Cushion Front
Y
SCL15-A YE 0.50 FLRY
LHST 1760.0 1076116-XX-F (Y)
X617
X617-2 Power In
Heater Supply
Lift Motor
Y
TWIST_SCL18-A
SCL19-A WH 0.75 FLRY
LHST 1785.0 1076116-XX-F (Y)
SCL18-A GN 0.75 FLRY
LHST 1785.0 1076116-XX-F (Y)
TWIST_SCL18-A
X618
X618-1 Half-Bridge
Up
X618-3 Half-Bridge
Down
PREMST
Tilt Motor
Y
TWIST_SCL40-A
SCL40-A YE 0.75 FLRY
LHST && PREMST 1835.0 1076116-XX-F (Y)
SCL41-A VT 0.75 FLRY
LHST && PREMST 1835.0 1076116-XX-F (Y)
TWIST_SCL40-A
X621
X621-1 Half-Bridge
Down
X621-3 Half-Bridge
Up
PREMST
Lumbar
Y
X032
SCL01-A RD 0.35 FLRY
LHST && PREMST 2460.0 1076116-XX-F (Y)
X619
X619-1 Power In
+12V Power

REAP || REEU
Ride Height Sensor RL
X
X031
+TAS61-A RD 0.35 FLRY
4261.08873 2067954-XX-B (A)
X950M 6 6 X950F
+TAS61-B RD 0.35 FLRY
REAP || REEU 1044.0 1067968-XX-E (X)
X085
X085-3 Power In
Power

Ride Height Sensor FL
W
X037
+TAS27-A RD 0.35 FLRY
REAP || REEU 2258.0 1567964-XX-A (W)
X083
X083-3 Power In
Power

PMIRR
Mirror Left Premium
D
X033
DCL60-A VT 0.13 MCIV
PMIRR 1901.0 1067957-XX-F (D)
X376
X376-4 Vref Input
Position Vref 5V

= Shared E-Fuses

TESLA

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DRAWN	CHECKED	APPROVED

MATERIAL	FINISHING	SCALE
AS SPECIFIED	AS SPECIFIED	NONE

PART NAME
Power Distribution, E-Fuse VCLeft, J1-J3

PART NUMBER	REV	SHEET	SIZE
	2	31 OF 45	A0

Body Controller Front
W,U X010 X011 X012 X013 X014 X015 X016 X017 X018 X019 X020 X021 X022

X020-1 High-Side Drive
EPAS 2

X019-1 High-Side Drive
EPAS 1

X010-11 High-Side Drive
EPAS 1 Wake

X013-33 High-Side Drive
EPAS 2 Wake

PWR01-A RD 13 XR15
LHD 1195.000001 1567964-XX-A (W)

PWR02-A WH 13 XR15
LHD 1183.000001 1567964-XX-A (W)

EPS01-A GN 0.35 FLRY
LHD 1611.000001 1567964-XX-A (W)

EPS02-A BN 0.35 FLRY
LHD 1619.000001 1567964-XX-A (W)

PWR01_R-A RD 13 XR15
RHD 1364.000001 1567964-XX-A (W)

PWR02_R-A WH 13 XR15
RHD 1298.000001 1567964-XX-A (W)

EPS01_R-A GN 0.35 FLRY
RHD 1748.000001 1567964-XX-A (W)

EPS02_R-A BN 0.35 FLRY
RHD 1750.000001 1567964-XX-A (W)

LHD
EPAS (LHD)
W X190 X191 X192 X193

X190-1 Power - Always On
BATT1

X191-1 Power - Always On
BATT2

X192-1 Power In
WAU1

X193-1 Power In
WAU2

X190-2 Ground-Chassis
GND1

X191-2 Ground-Chassis
GND2

G011-A BK 13 XR15
LHD 651.0 1567964-XX-A (W)

G013-A BK 13 XR15
LHD 575.0 1567964-XX-A (W)

RHD
EPAS (RHD)
W X190A X191A X192A X193A

X190A-1 Power - Always On
BATT1

X191A-1 Power - Always On
BATT2

X192A-1 Power In
WAU1

X193A-1 Power In
WAU2

X190A-2 Ground-Chassis
GND1

X191A-2 Ground-Chassis
GND2

G011_R-A BK 13 XR15
RHD 820.0 1567964-XX-A (W)

G013_R-A BK 13 XR15
RHD 690.0 1567964-XX-A (W)

Body Controller Left
A,D,J,W X030 X031 X032 X033 X034 X035 X036 X037 X038

X035-10 Half-Bridge
Steering Column Motor In

X035-9 Half-Bridge
Steering Column Motor Out

X035-3 Hall Sensor In
Steering Column In Out Hall

X035-14 Ground Return
Steering Column Tele Hall Ground Return

TWIST_SCA07-A

SCA07-A GN 0.50 FLRY
PCOLM 706.215 1067960-XX-E, 1117960-XX-A (J)

SCA08-A BU 0.50 FLRY
PCOLM 706.215 1067960-XX-E, 1117960-XX-A (J)

SCA10-A YE 0.13 MCIV
PCOLM 706.215 1067960-XX-E, 1117960-XX-A (J)

SCA04-A GY 0.35 FLRY
PCOLM 706.215 1067960-XX-E, 1117960-XX-A (J)

TWIST_SCA07-A

X035-8 Half-Bridge
Steering Column Motor Down

X035-7 Half-Bridge
Steering Column Motor Up

X035-2 Hall Sensor In
Steering Column Up Down Hall

X035-13 Ground Return
Steering Column Tilt Hall Ground Return

TWIST_SCA01-A

SCA01-A OG 0.50 FLRY
PCOLM 706.215 1067960-XX-E, 1117960-XX-A (J)

SCA02-A WH 0.50 FLRY
PCOLM 706.215 1067960-XX-E, 1117960-XX-A (J)

SCA03-A VT 0.13 MCIV
PCOLM 706.215 1067960-XX-E, 1117960-XX-A (J)

SCA05-A GY 0.35 FLRY
PCOLM 706.215 1067960-XX-E, 1117960-XX-A (J)

TWIST_SCA01-A

PCOLM
Steering Column Adjust (LHD)
J

X182-2 Half-Bridge
Tele IN

X182-1 Half-Bridge
Tele OUT

X182-7 Hall Sensor In
Tele Hall Sensor +

X182-8 Ground-Chassis
Tele Hall Sensor -

X182-5 Half-Bridge
Tilt DOWN

X182-6 Half-Bridge
Tilt UP

X182-11 Hall Sensor In
Tilt Hall Sensor +

X182-12 Ground-Chassis
Tilt Hall Sensor -

X035-23 High-Side Drive
Steering Wheel Controls ECU

X035-1 High-Side Drive
Steering Angle and Stalk ECU

X035-6 LIN
Steering Wheel Controls ECU LIN

SCA11-A VT 0.75 FLRY
793.187 1067960-XX-E, 1117960-XX-A (J)

SCA13-A GY 0.35 FLRY
793.187 1067960-XX-E, 1117960-XX-A (J)

SCA12-A GN 0.35 FLRY
793.187 1067960-XX-E, 1117960-XX-A (J)

Steering Angle and Stalk ECU
J X180 X183 X184

X180-7 Power In
Power (Steering Wheel)

X180-1 Power In
Power

X180-14 LIN
LIN

X180-6 Ground-Chassis
GND (Steering Wheel)

X180-4 Ground-Chassis
GND

IPG01-C BK 0.75 FLRY
292.464 1067960-XX-E, 1117960-XX-A (J)

IPG01-B BK 0.75 FLRY
292.464 1067960-XX-E, 1117960-XX-A (J)

Z1-IPG01

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DRAWN	CHECKED	APPROVED

MATERIAL	FINISHING	SCALE
AS SPECIFIED	AS SPECIFIED	NONE

PART NAME
Steering

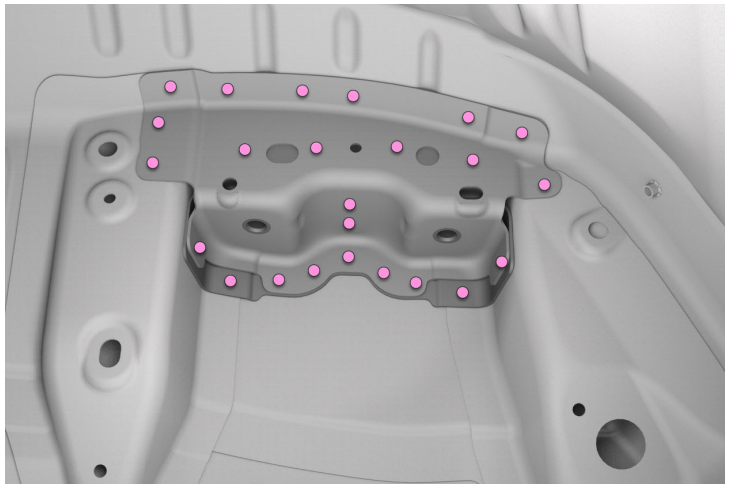
PART NUMBER	REV	SHEET	SIZE
	2	44 OF 45	A0

Replacement

4 Install the new component (continued).

B Insert the structural rivets.

Structural Rivet, 6.5 mm Short (x24)



C Install the structural rivets.