

Section	DESCRIPTION
1	Table of Contents and Legend
2	Change History
3	Audio System Wiring (all options)
5	Antenna connections
6	Infotainment non-Antenna connections
7	MCU/Infotainment vehicle interfaces
8	Security, Passive Entry, Horns
9	Chassis - Stability and ABS, park brake
10	Chassis - Power Steering and Steering wheel controls
11	Chassis - Air suspension system
12	Body - Door / Window Controls, Left Side
14	Body - Door / Window Controls, Right Side
16	Powertrain - HV Battery and Chargers
17	Body - Exterior Lights, Front
18	Body - Exterior Lights, Rear, including Tailgate
19	Body - Front Cargo Hatch
20	Body - Rear Cargo Hatch / Power Liftgate
21	HVAC - Foundation, Controller, Sensors, Valves, Pumps, Solenoids and Inlet Louvers
22	HVAC - Cabin Functions
24	Powertrain - HVIL and High Voltage architecture
25	Body - Wiper/Washer System
26	Passive Safety Restraints System
27	Body - Powered Sunroof
28	Powertrain - Drive Inverter, Accelerator Pedal
29	Body - LF Seat
30	Body - RF Seat
31	Body - Side and Rear-View Mirrors
32	Body - Interior Lighting
33	Parking System including Rear View
34	Advanced Safety - Blind Zone and Forward Camera, Front Radar
35	Chassis CAN Network
36	Body CAN Network
37	Body Fault-Tolerant CAN Network
38	PowerTrain CAN Network
39	Diagnostic Connections
40	12V Power Distribution
42	Ground Distribution
43	Layout and Function of Fuse/Relay Boxes

LF	Left Front	RR	Right Rear
RF	Right Front	MF	Middle Front
LR	Left Rear	-	-

LFDHC	LF Door Harness Connector	CCHC	Center Console Harness Connector
LIRDHC	LR Door Harness Connector	IPHCL(R)	Instrument Panel Harness Connector (Left/Right)
RFDHC	RF Door Harness Connector	RSHFC	Rear Subframe harness connector
RIRDHC	RR Door Harness Connector	WRN%/%	WW=wire-to-wire %/from-to designator
GHCC	TailGate Harness Connector	-	-

A	Body Harness, Left Floor	N	Front Harness, Right Side
B	Body Harness, Right Floor	P	Front Passenger (RF) Door Harness
C	Center Console	Q	Front Harness, Left side
D	Driver (LF) Door Harness	R	LR Door Harness
E	Sunroof Subsystem Harness	S	RR Door Harness
F	Front Bumper Harness	T	Tailgate Harness - Right
G	Rear Bumper Harness	U	Tailgate Harness - Left
H	High Voltage Wiring (for reference only)	V	HVAC Unit Subharness (part of assembly)
J	Instrument Panel (Dashboard) Harness	W	Steering Wheel Harness (from Clockspring out)
K	Headliner	X	Rear subframe subharness
L	Front End Module	Y	tbd
M	Main Harness, Lower IP and Front Trunk area	Z	Single Cables - Each circuit is a separate assembly

BK	Black	LB	Light Blue	RD	Red	NA	coax-center
BN	Brown	LG	Light Green	TN	Tan	SH	coax-shield
DB	Dark Blue	OG	Orange	WH	White	-	-
DG	Dark Green	PK	Pink	YE	Yellow	-	-
GY	Gray	VT	Violet (Purple)	-	-	-	-

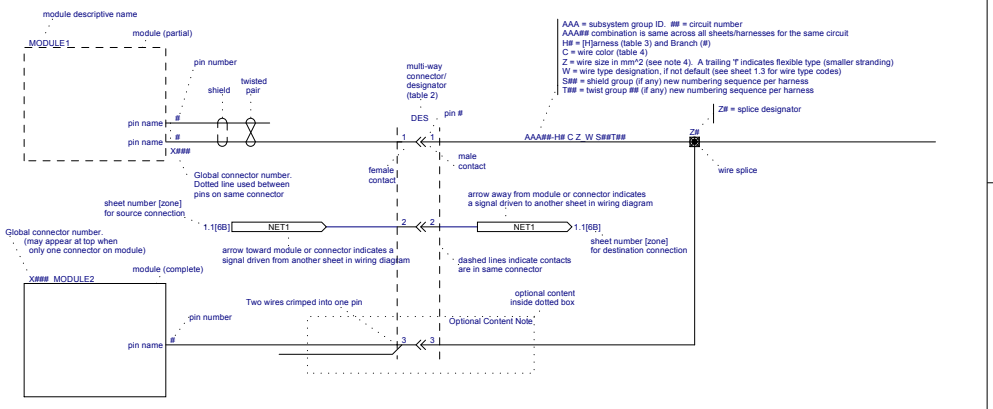
Striped wires are indicated by base-color code "*" then stripe color code. "BR-BK" indicates a brown wire with a black stripe.

TWP	SAE J1128 TWP - thin-wall 105C rated	TXL	SAE J1128 TXL - thin-wall 125C rated
STX	SAE J1127 STX - thin-wall 125C rated	SGX	SAE J1127 SGX - general purpose 125C rated
J	flexible type (add to any type) = small strand	RFXFA	SAE J1128 TXL-F thin-wall high-flex 125C rated
CAVS	JASO D-611 CAVS specification wire, 85C	ISOD	ISO type FLRY: PVC, 105C rated
		ISOXD	ISO type FLR2X: cross-link PE, HF, 125C rated

- General Notes:
- Switches (Relays) are shown in their inactive (de-energized) state.
 - Splices may be split across pages for visual clarity with respect to the function displayed on the particular page.
 - Some connectors are split across multiple pages for clarity. There is no overall reference in this document for the signals routed to a specific connector.
 - Wire sizes are specified in mm² cross-sectional area (CSA) per SAE 1127/8.

Size Shown	Wire Specification Usage	Size Shown	Wire Specification Usage
0.22	SAE 0.22 / 24AWG	5.0	SAE 5.0 / 10AWG
0.35	SAE 0.35 / 22AWG	8.0	SAE 8.0 / 8AWG
0.5	SAE 0.5 / 20 AWG	13.0	SAE 13.0 / 6AWG
0.75	SAE 0.8 / 18AWG	20.0	SAE 19.0 / 4AWG
1.0	SAE 1.0 / 16AWG	32.0	SAE 32.0 / 2AWG
2.0	SAE 2.0 / 14AWG	40.0	SAE 40.0 / 1AWG
3.0	SAE 3.0 / 12AWG	50.0	SAE 50.0 / 10AWG
 - Wire specification: 60V, thin-wall PVC (SAE TWP type or equivalent), unless otherwise specified in wire label. Default wire type to be rated 60VDC/25VAC and -40C to 105C operating temperature. See sheet 43 for further details and to correlate specific cabling types to harness application. Twisted pairs may be manufactured of above wire by harness manufacturer.

Pr30mm	±5mm for CSA=1.0
Pr50mm	±5mm for CSA=1.0
PrMT	PARAM Wire Type Designator JSOD
 - Unless otherwise specified, terminal plating is to be Tin or Pre-Tin.
 - For connectors with multiple instances of the same wire color in a similar or the same size, the terminal may not be inserted into the exact cavity specified. This applies only to joint connectors in the GR## range or XT00-XT99 range, where the wires are connected together internally by the joint connector.
 - 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.



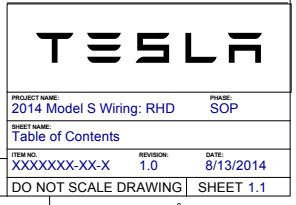
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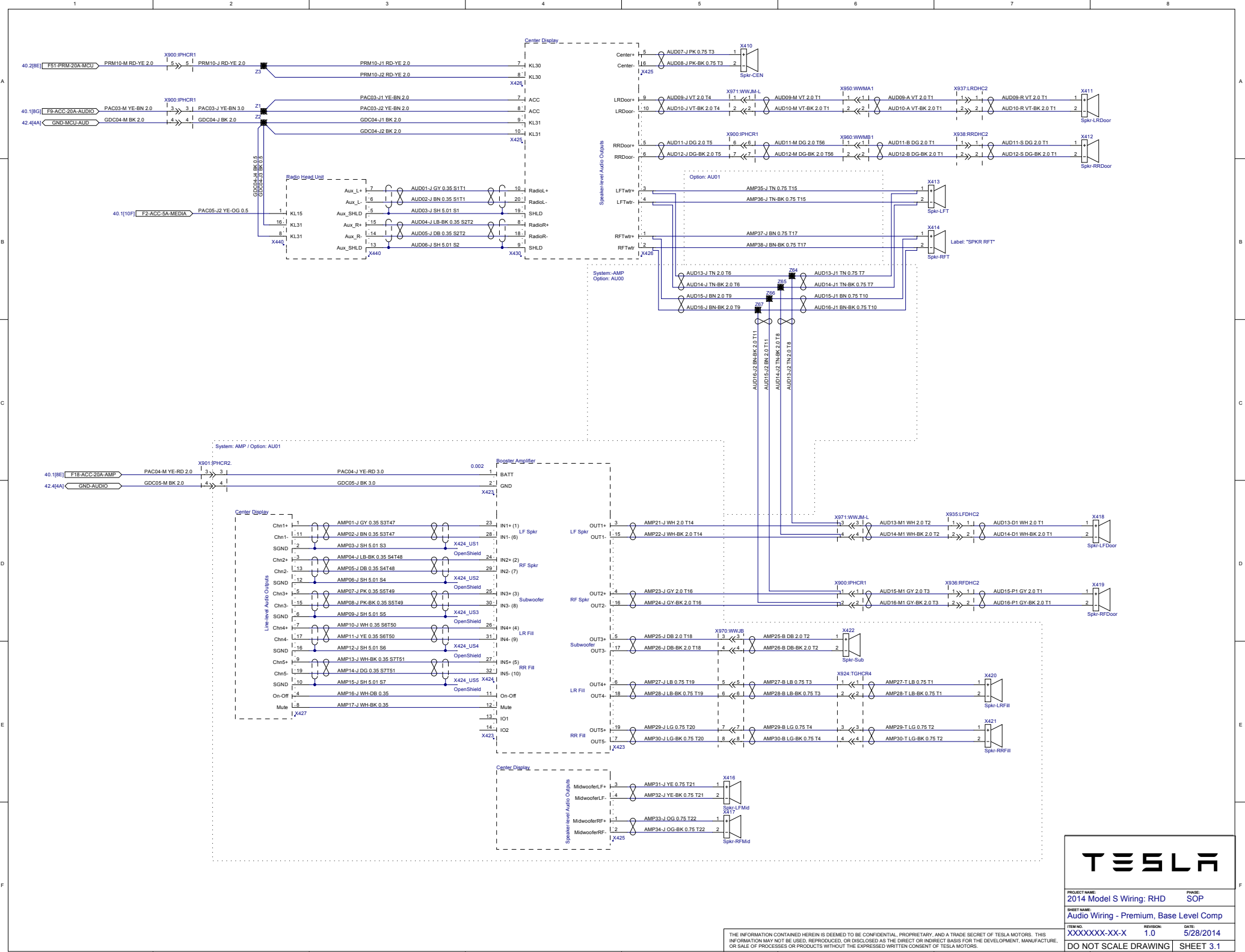
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RFDHC	RF Door Harness Connector	RSHFC	Rear Subframe harness connector
RIRDHC	RR Door Harness Connector	WRN%/%	WW=wire-to-wire %/from-to designator
GHCC	TailGate Harness Connector	-	-

PROJECT NAME:		2014 Model S Wiring: RHD		PHASE:		SOP	
SHEET NAME:		Table of Contents		ITEM NO.:		XXXXXXXX-XX-X	
ITEM NO.:		XXXXXXXX-XX-X		REVISION:		1.0	
DATE:		8/13/2014		SHEET NO.:		SHEET 1.1	

DO NOT SCALE DRAWING



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TESLA

PROJECT NAME:	2014 Model S Wiring: RHD	PHASE:	SOP
SHEET NAME:	Audio Wiring - Premium, Base Level Comp		
ITEM NO:	XXXXXX-XX-X	REVISION:	1.0
DATE:	5/28/2014		
DO NOT SCALE DRAWING			
SHEET 3.1			

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TESLA

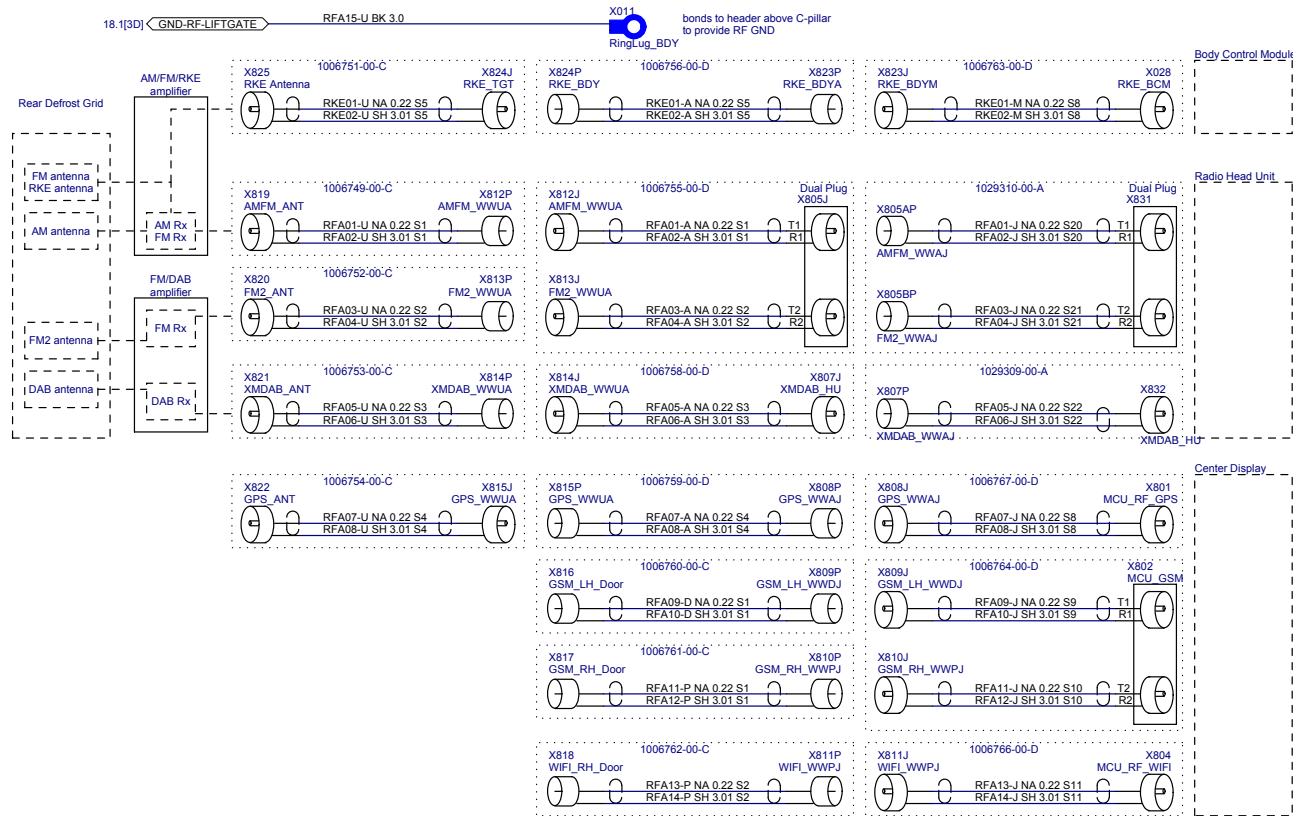
PROJECT NAME: 2014 Model S Wiring: RHD PHASE: SOP

SHEET NAME: Antenna Connections

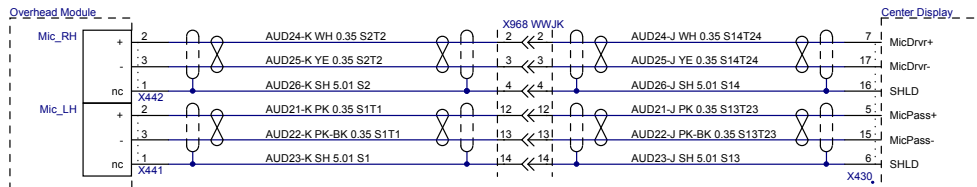
ITEM NO: XXXXXX-XX-X REVISION: 1.0 DATE: 5/28/2014

DO NOT SCALE DRAWING SHEET 5.1

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X430, X441, X442, X968 (1-6), X900 (17-21) UNSEALED shield terminations



TESLA

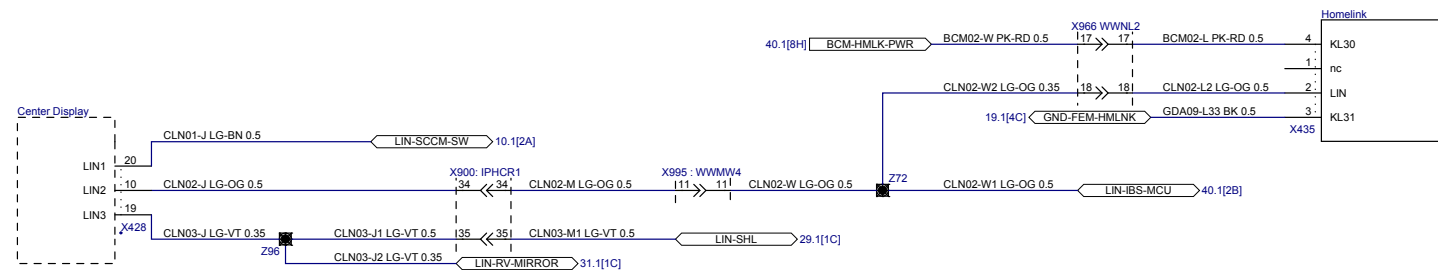
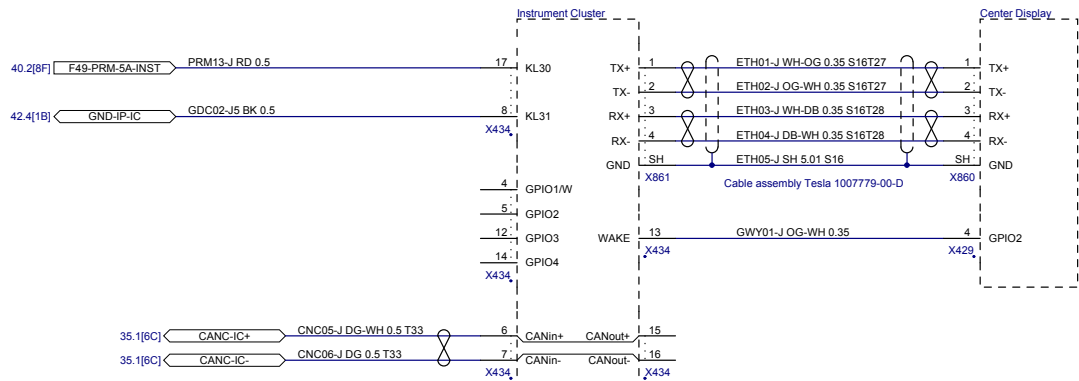
PROJECT NAME: 2014 Model S Wiring: RHD PHASE: SOP

SHEET NAME: Center Display - Microphone and USB

ITEM NO: XXXXXXX-XX-X REVISION: 1.0 DATE: 5/28/2014

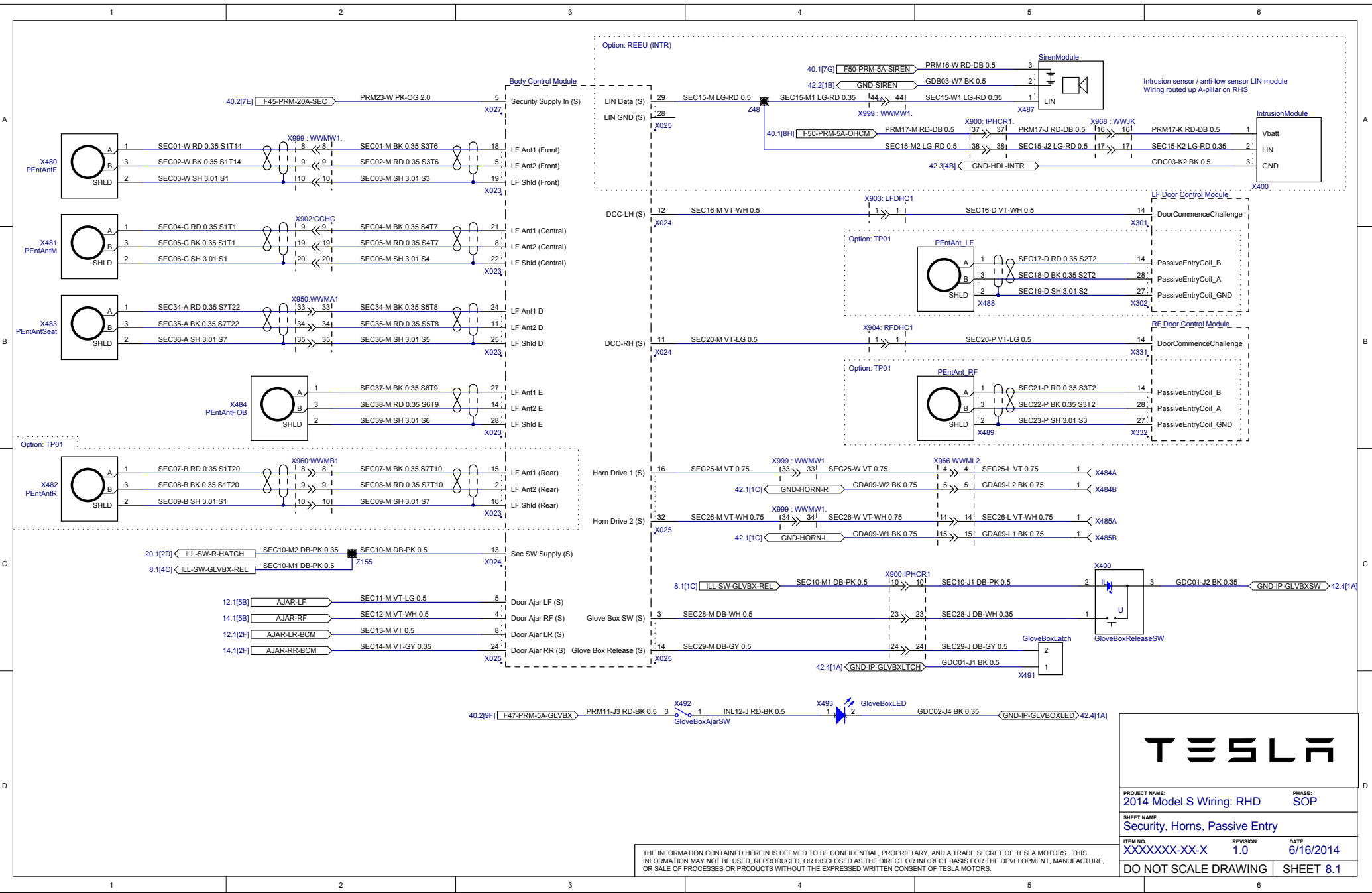
DO NOT SCALE DRAWING SHEET 6.1

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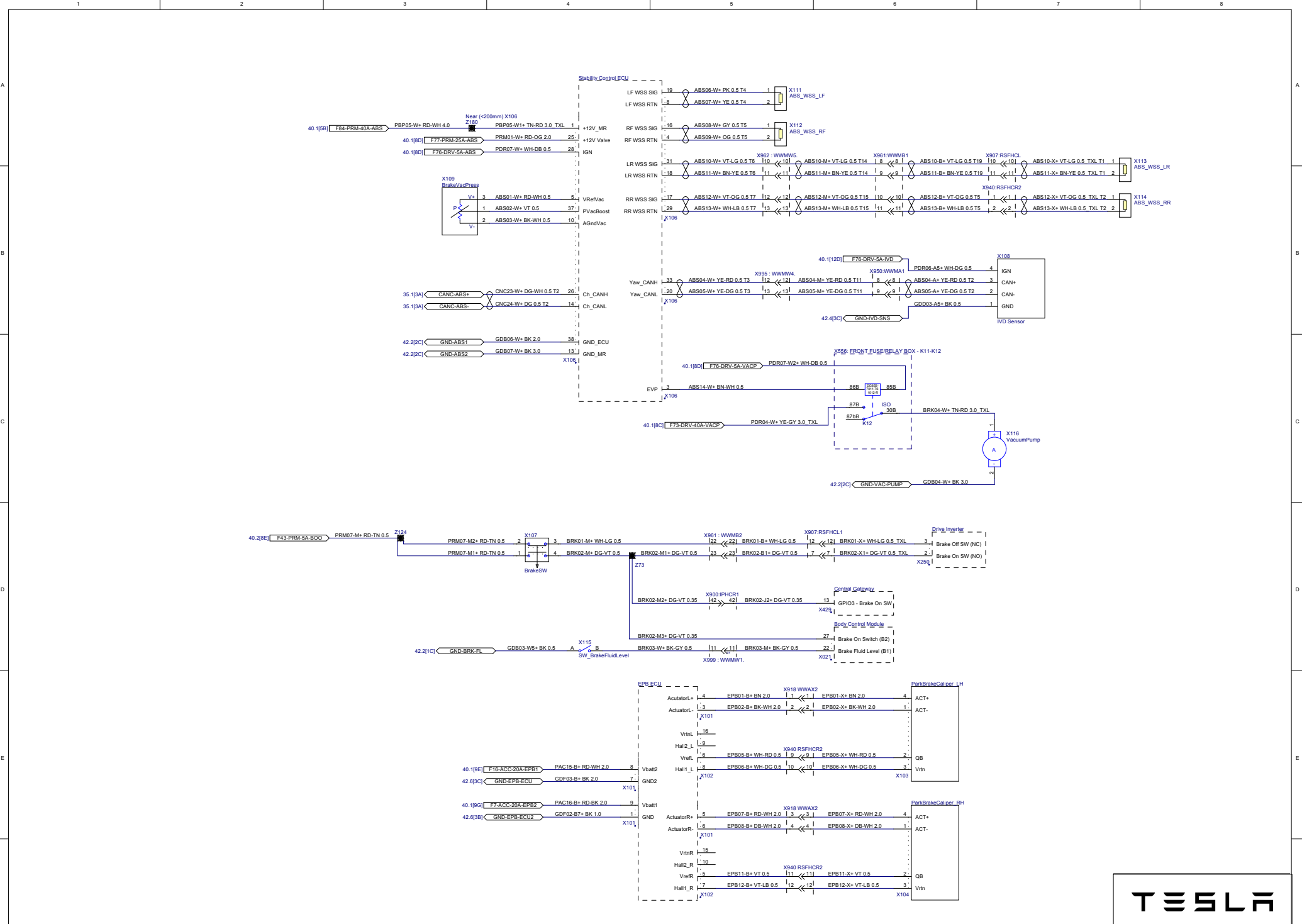
PROJECT NAME: 2014 Model S Wiring: RHD		PHASE: SOP
SHEET NAME: Center Disp. - Inst. Cluster and LIN Interface		
ITEM NO: XXXXXXXX-XX-X	REVISION: 1.0	DATE: 5/28/2014
DO NOT SCALE DRAWING		SHEET 7.1

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PROJECT NAME: 2014 Model S Wiring: RHD	PHASE: SOP
SHEET NAME: Security, Horns, Passive Entry	
ITEM NO. XXXXXX-XX-X	REVISION: 1.0
DATE: 6/16/2014	
DO NOT SCALE DRAWING	SHEET 8.1

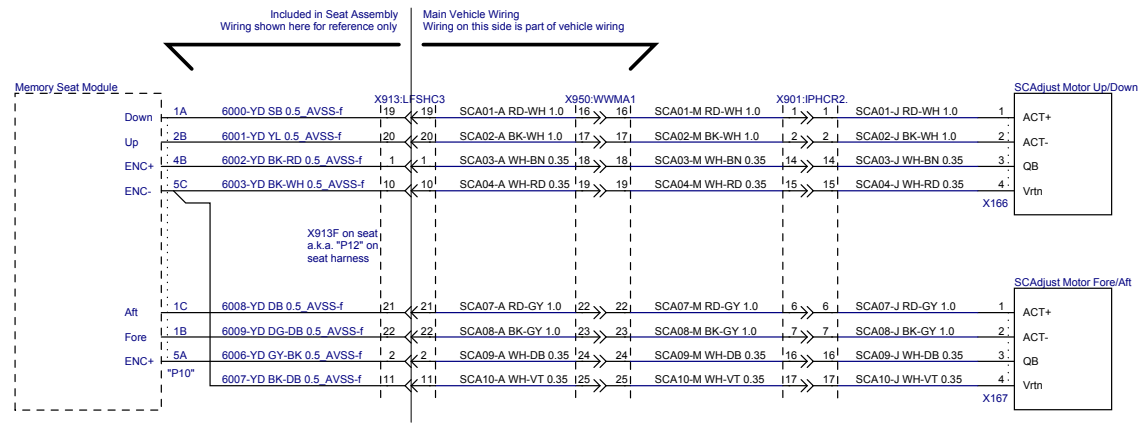
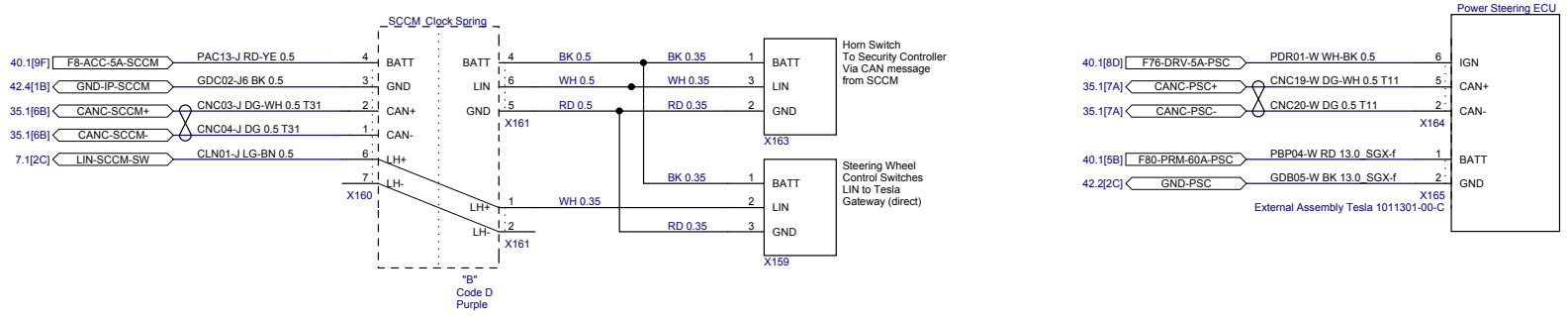
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TESLA

PROJECT NAME: 2014 Model S Wiring: RHD	PHASE: SOP
SHEET NAME: Chassis - Braking and Stability Control	
ITEM NO: XXXXXX-XX-X	REVISION: 1.0
	DATE: 5/28/2014
DO NOT SCALE DRAWING SHEET 9.1	

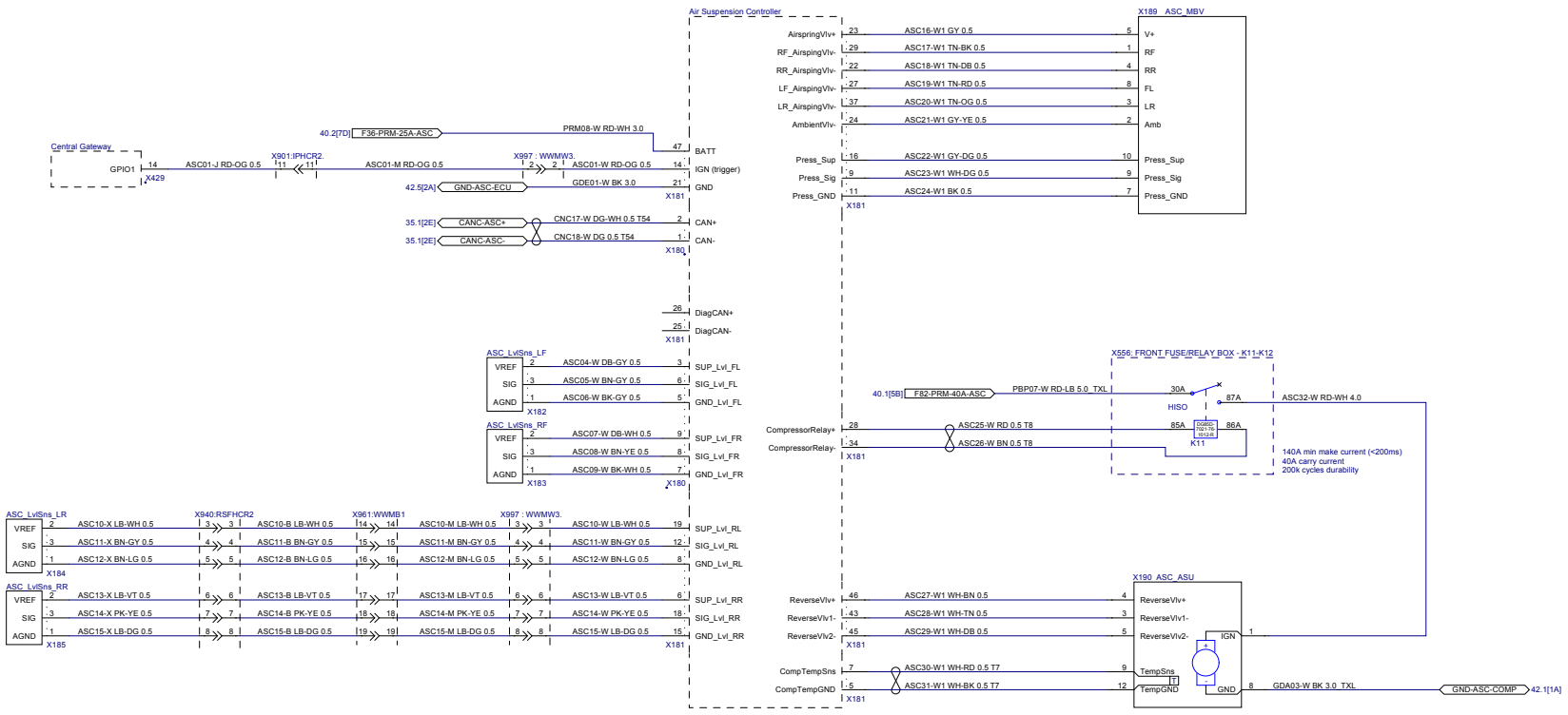
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TESLA

PROJECT NAME: 2014 Model S Wiring: RHD	PHASE: SOP
SHEET NAME: Chassis - Steering Wheel Controls / Power Steering	
ITEM NO: XXXXXX-XX-X	REVISION: 1.0
DATE: 5/28/2014	
DO NOT SCALE DRAWING	SHEET 10.1

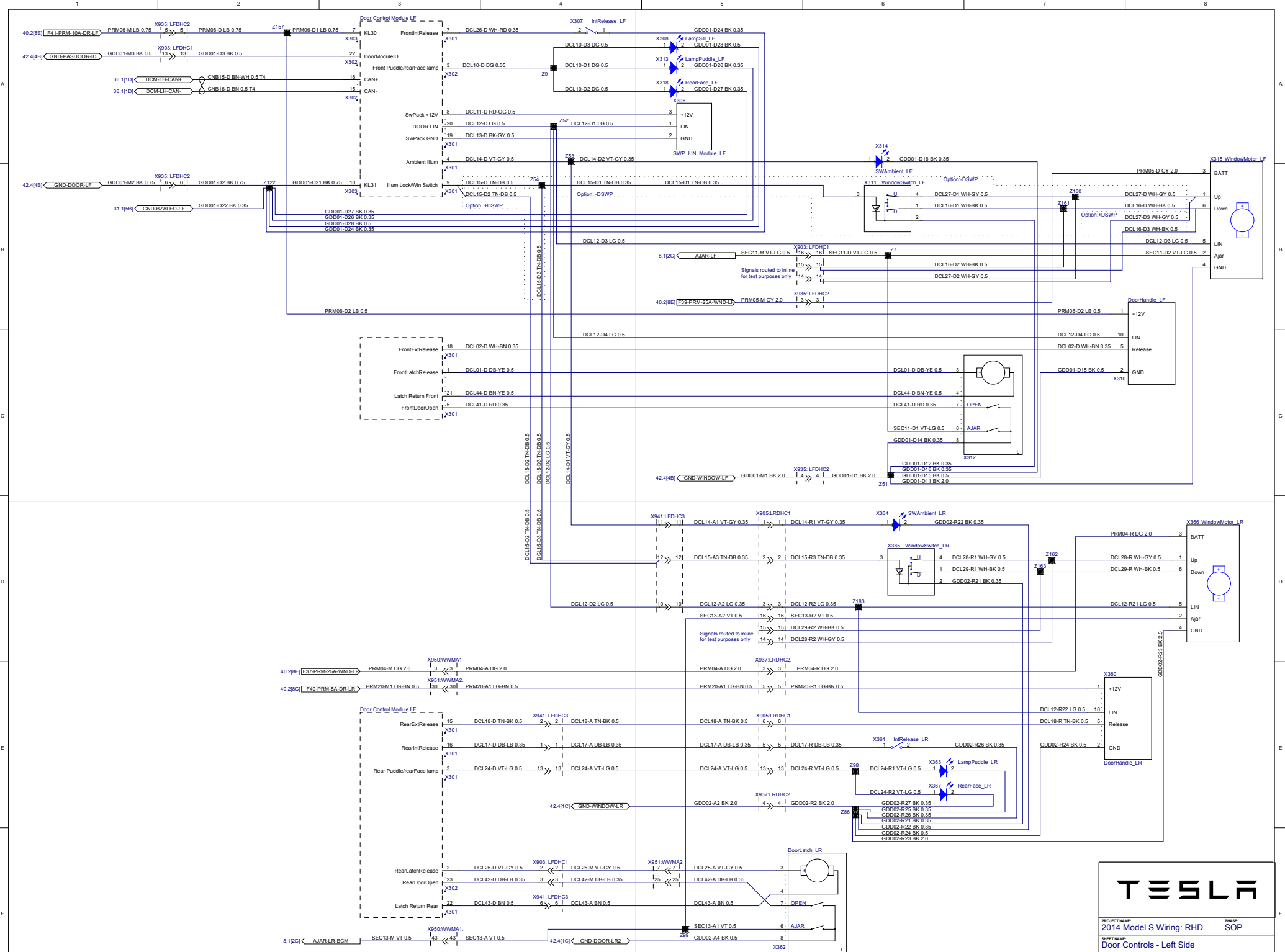
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TESLA

PROJECT NAME:	2014 Model S Wiring: RHD	PHASE:	SOP
SHEET NAME:	Chassis - Air Suspension Subsystem		
ITEM NO:	XXXXXX-XX-X	REVISION:	1.0
		DATE:	6/18/2014
DO NOT SCALE DRAWING		SHEET 11.1	

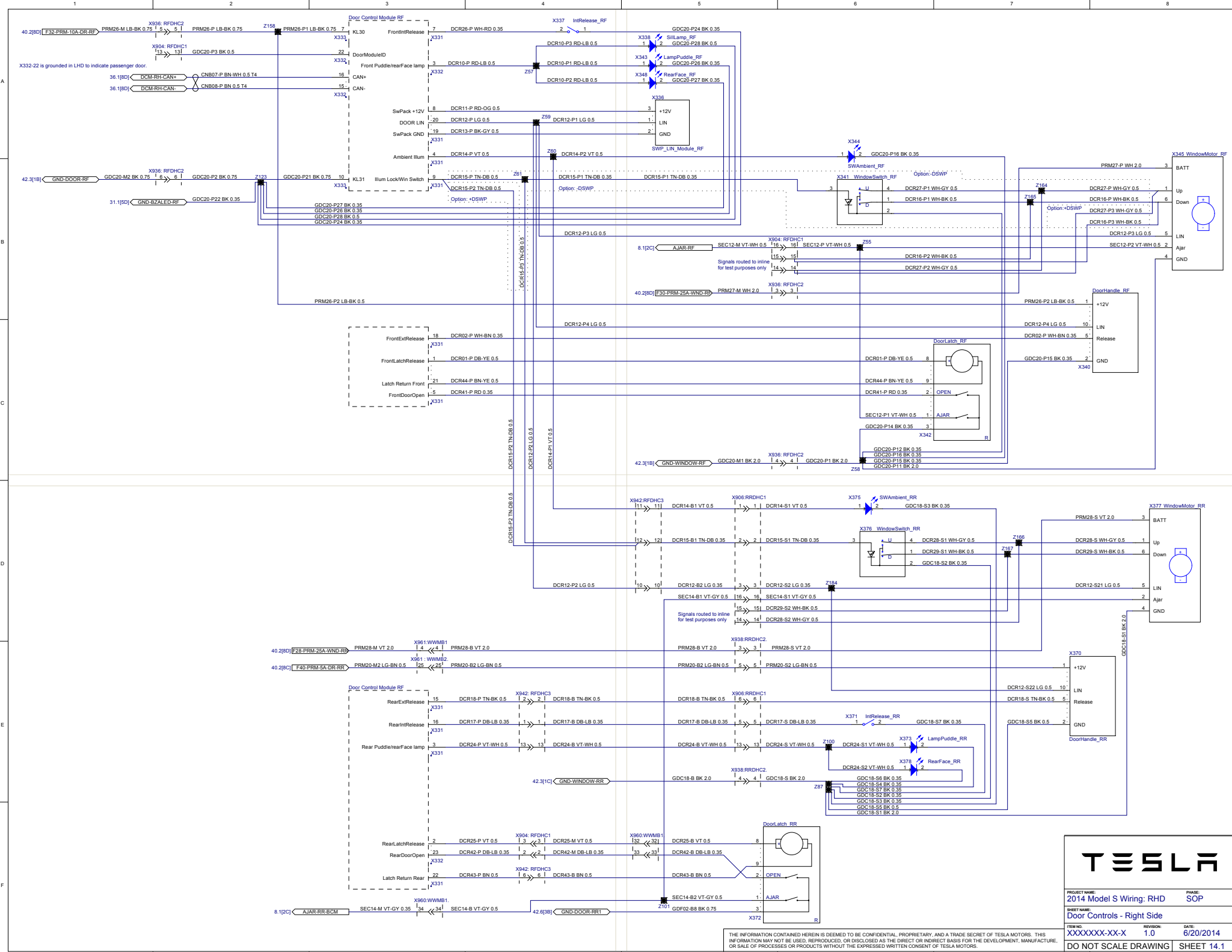
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TESLA

PROJECT NAME: 2014 Model S Wiring: RHD	PHASE: SOP
SHEET NAME: Door Controls - Left Side	
ITEM NO: XXXXXX-XX-X	REVISION: 1.0
DATE: 6/20/2014	
DO NOT SCALE DRAWING SHEET 12.1	

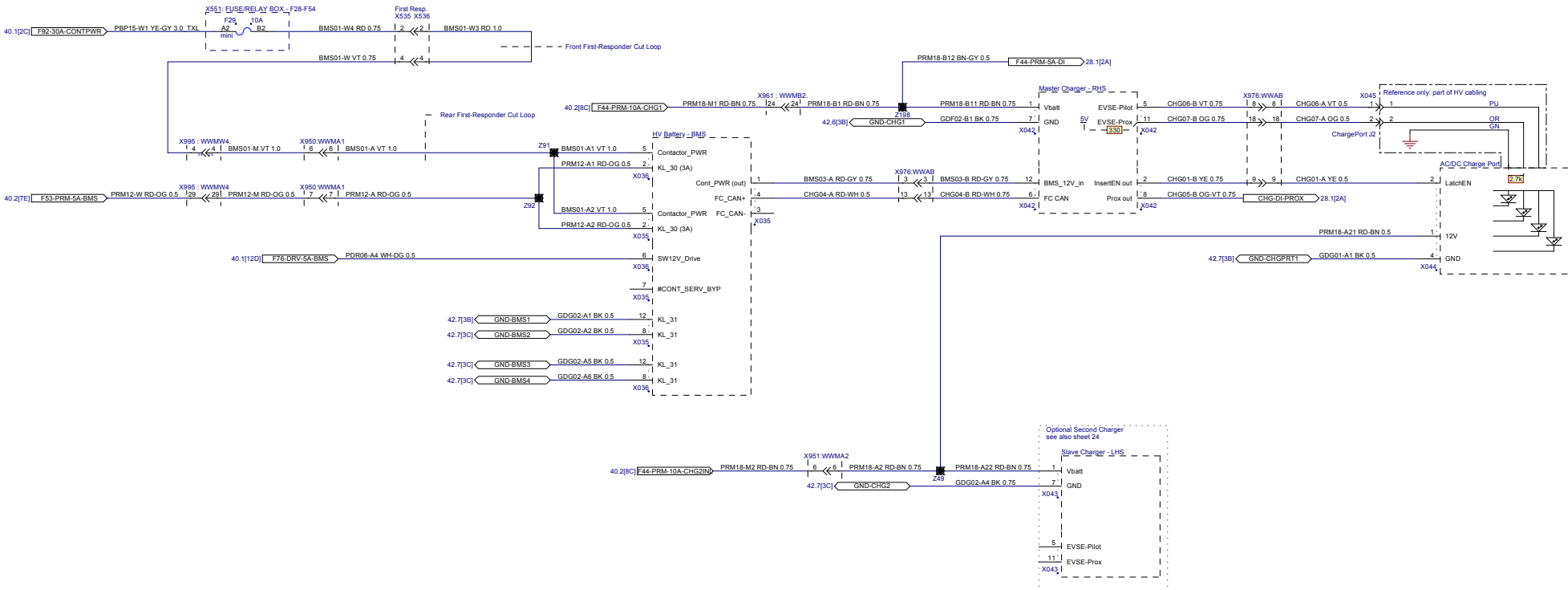
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TESLA

PROJECT NAME:	2014 Model S Wiring: RHD	PHASE:	SOP
SHEET NAME:	Door Controls - Right Side		
ITEM NO:	XXXXXX-XX-X	REVISION:	1.0
		DATE:	6/20/2014
DO NOT SCALE DRAWING		SHEET 14.1	

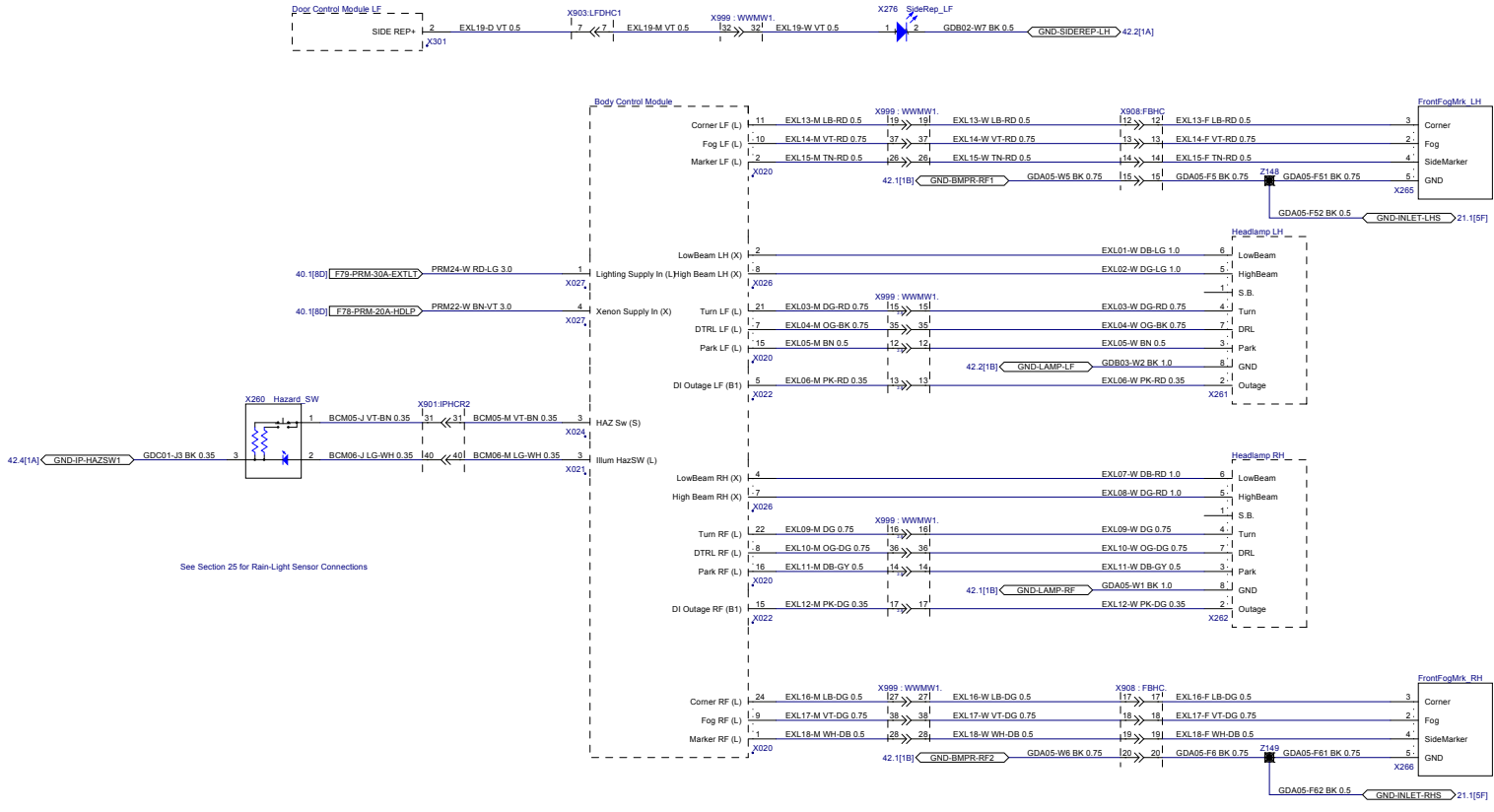
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TESLA

PROJECT NAME: 2014 Model S Wiring: RHD		PHASE: SOP	
SHEET NAME: Energy System - Charger Logic Connections			
ITEM NO: XXXXXXXX-XX-X	REVISION: 1.0	DATE: 8/13/2014	
DO NOT SCALE DRAWING		SHEET 16.1	

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See Section 25 for Rain-Light Sensor Connections

TESLA

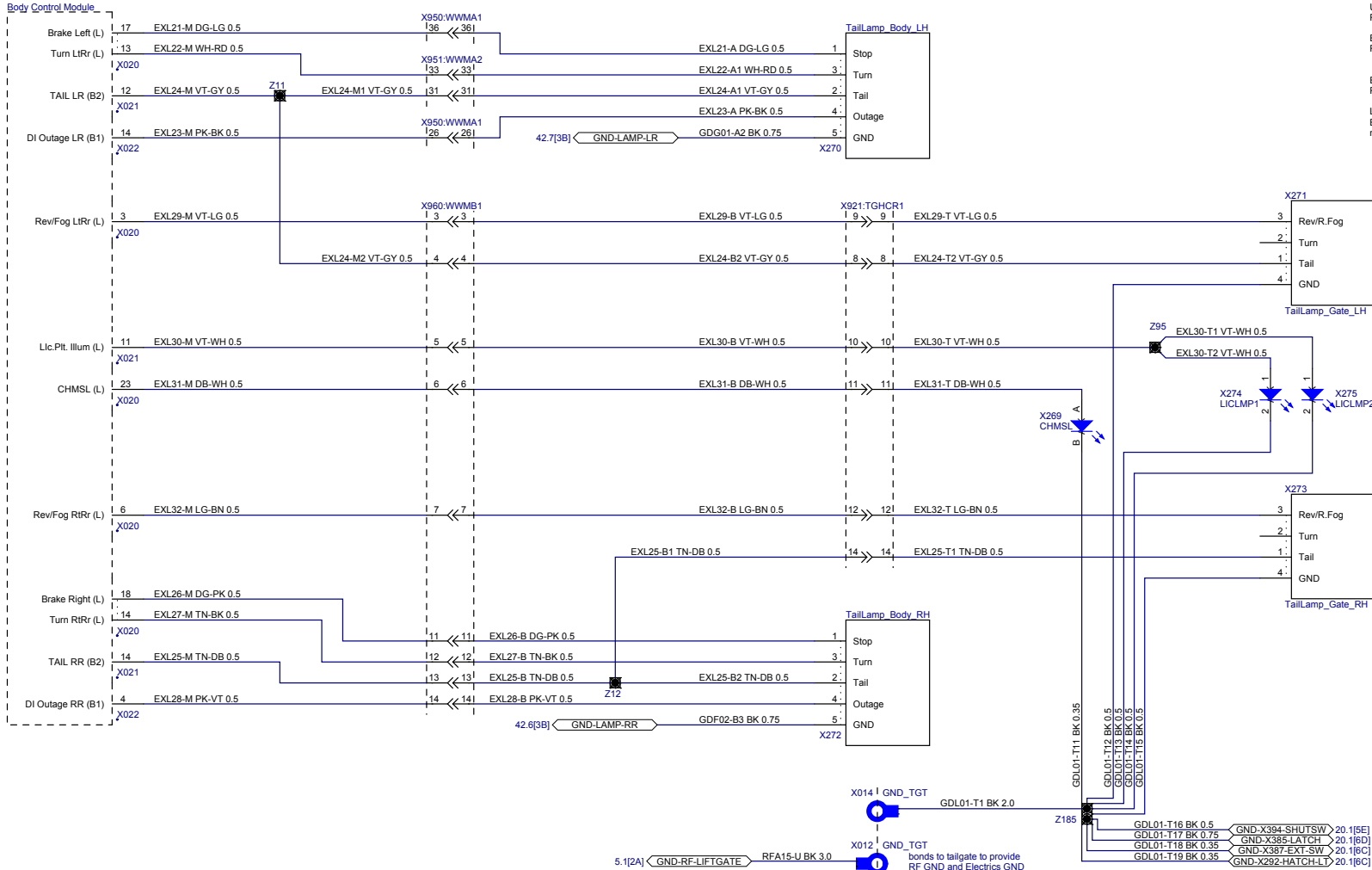
PROJECT NAME: 2014 Model S Wiring: RHD PHASE: SOP

SHEET NAME: Exterior Illumination - Front

ITEM NO: XXXXXX-XX-X REVISION: 1.0 DATE: 6/18/2014

DO NOT SCALE DRAWING SHEET 17.1

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Tailgate Lamp configurations:

US (federal):
 Rev/R.Fog element is a reverse lamp on both left and right.

EU, LHD
 Rev/R.Fog element is a reverse lamp on right, and fog lamp on left.

EU, RHD
 Rev/R.Fog element is a reverse lamp on left, and fog lamp on right.

Lamp configurations are controlled by lamp assembly.
 Body controls software manages the specific electrical behavior on a market basis.



PROJECT NAME: 2014 Model S Wiring: RHD	PHASE: SOP
SHEET NAME: Exterior Illumination - Rear	
ITEM NO: XXXXXX-XX-X	DATE: 5/28/2014
DO NOT SCALE DRAWING	SHEET 18.1

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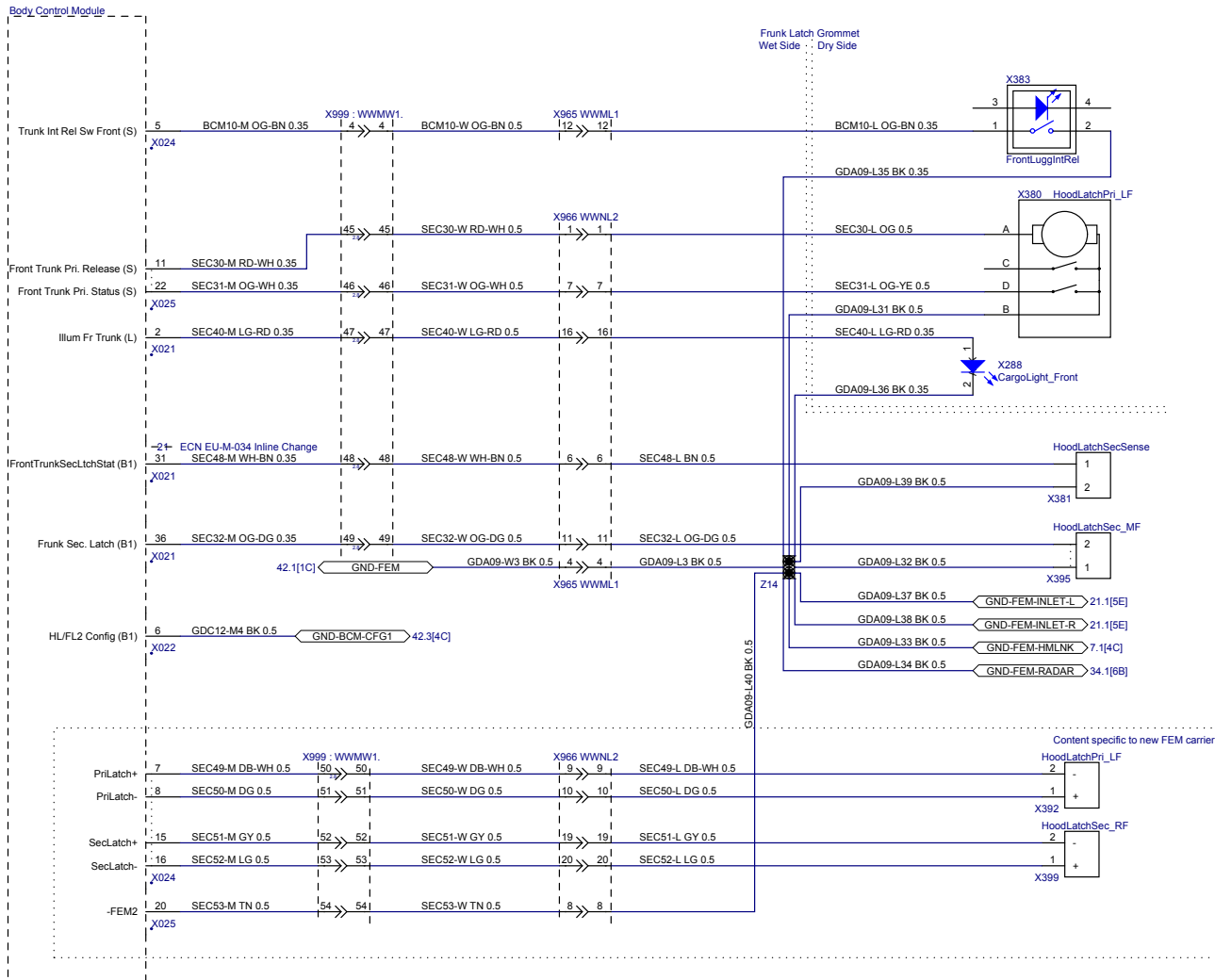
PROJECT NAME: 2014 Model S Wiring: RHD PHASE: SOP

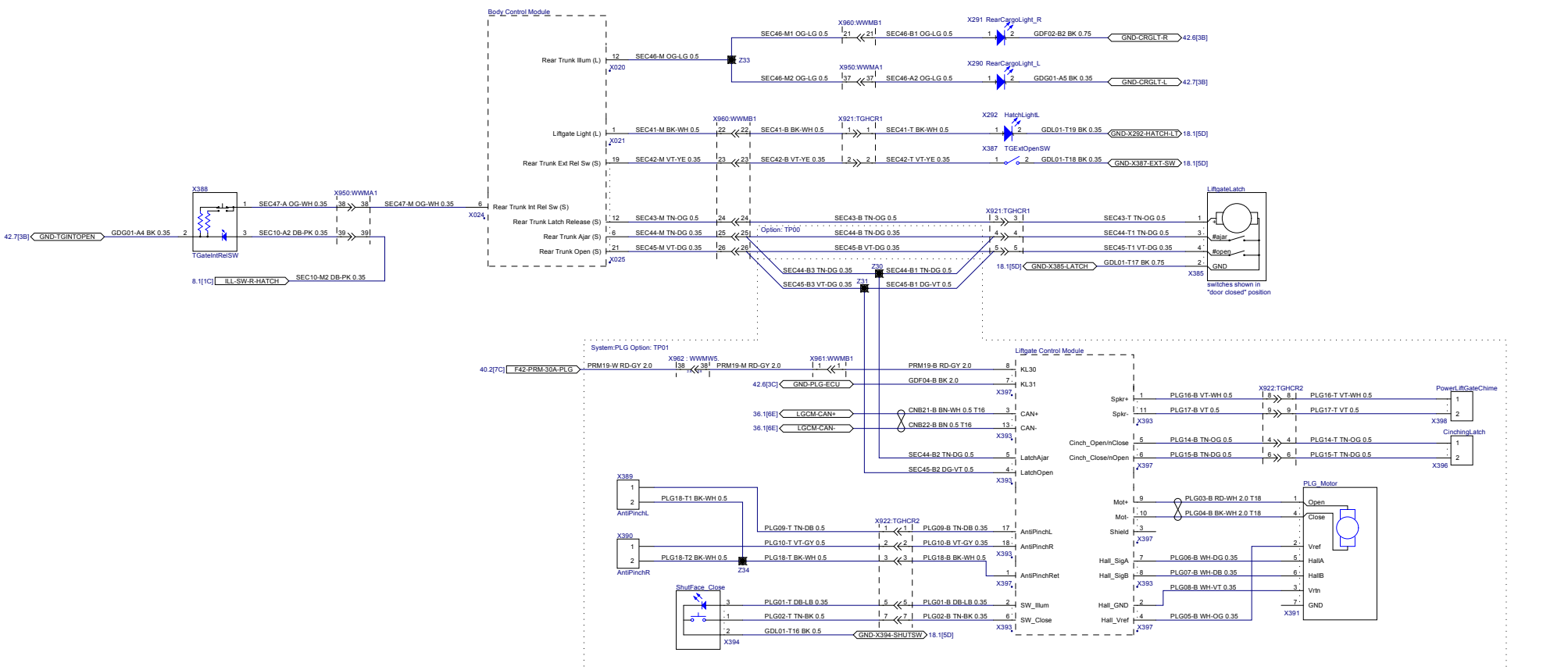
SHEET NAME: Front Hatch Acuator/Sensors

ITEM NO: XXXXXX-XX-X REVISION: 1.0 DATE: 5/28/2014

DO NOT SCALE DRAWING SHEET 19.1

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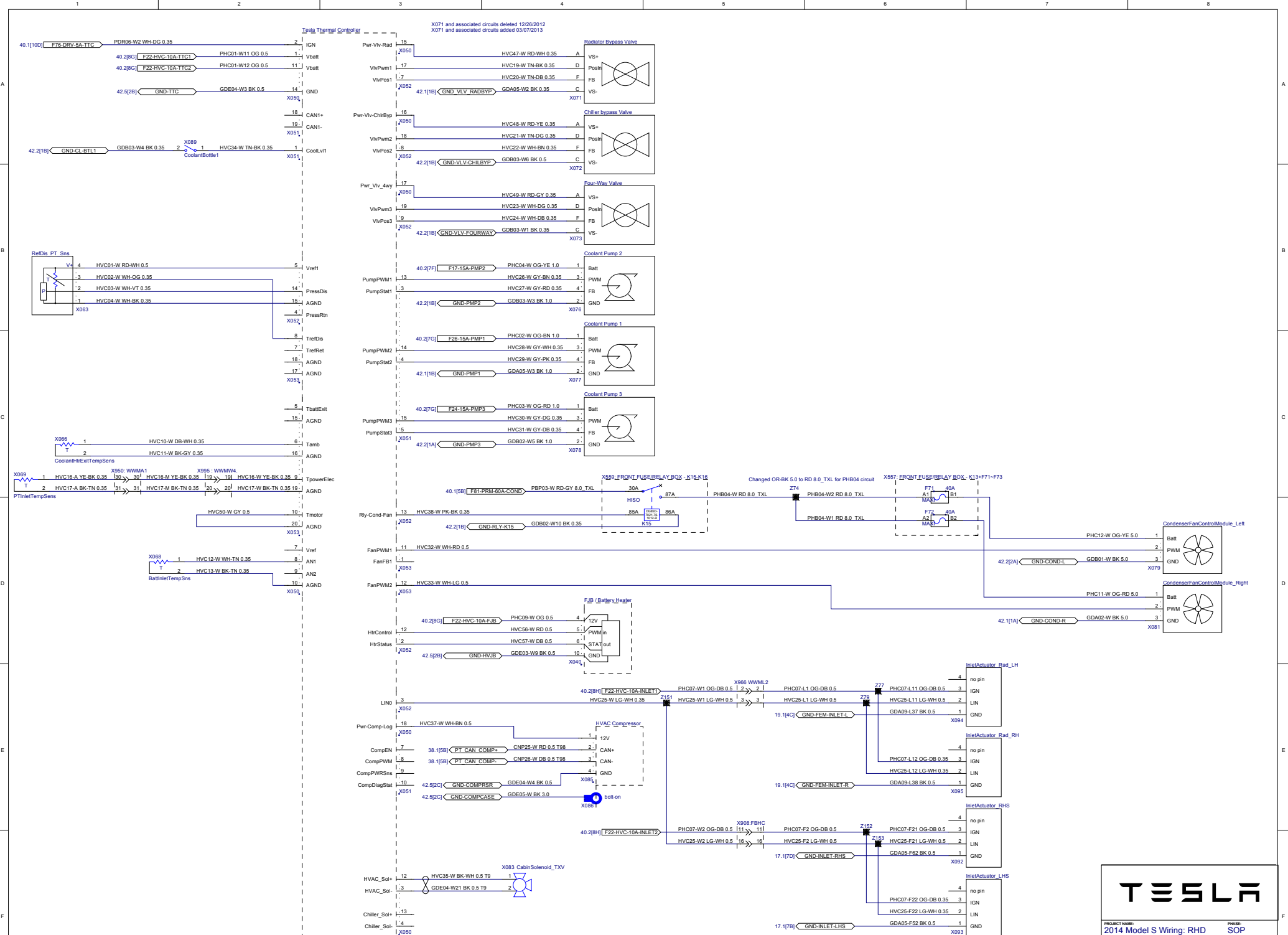




TESLA

PROJECT NAME: 2014 Model S Wiring: RHD
 PHASE: SOP
 SHEET NAME: Rear Hatch Acuator/Sensors + Liftgate Opt.
 ITEM NO: XXXXXX-XX-X
 REVISION: 1.0
 DATE: 5/28/2014
 DO NOT SCALE DRAWING SHEET 20.1

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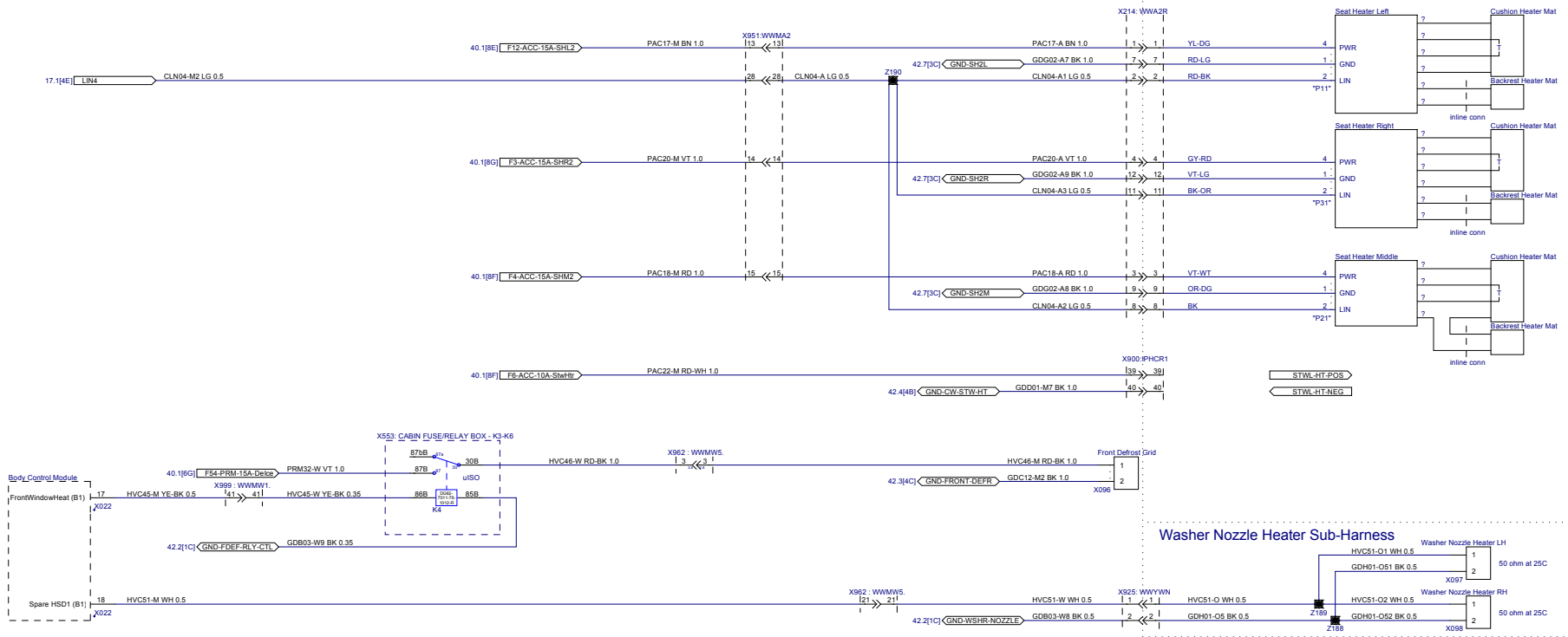


PROJECT NAME: 2014 Model S Wiring: RHD		PHASE: SOP	
SHEET NAME: HVAC - Powertrain Cooling Components			
ITEM NO: XXXXXX-XX-X	REVISION: 1.0	DATE: 12/24/2014	
DO NOT SCALE DRAWING		SHEET 21.1	

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Second Row Seat Sub-Harness

Washer Nozzle Heater Sub-Harness

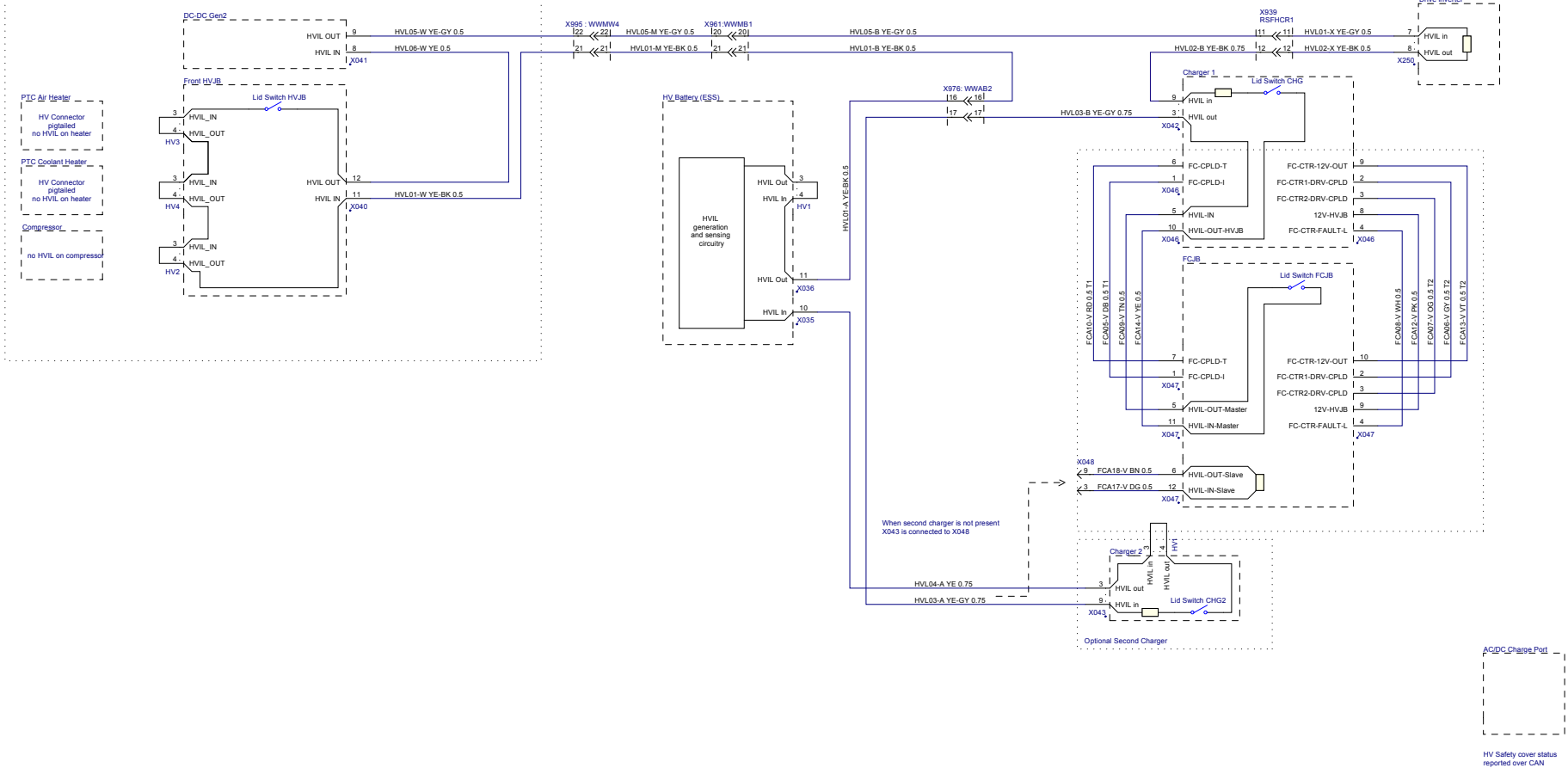


TESLA

PROJECT NAME: 2014 Model S Wiring: RHD	PHASE: SOP
SHEET NAME: Title Expression	
ITEM NO: XXXXXX-XX-X	REVISION: 1.0
DATE: 5/28/2014	
DO NOT SCALE DRAWING SHEET 23.1	

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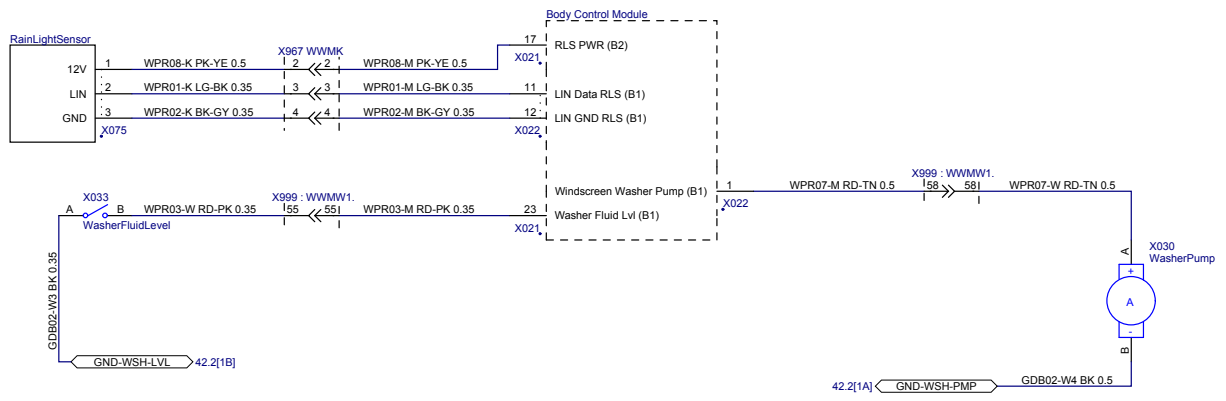
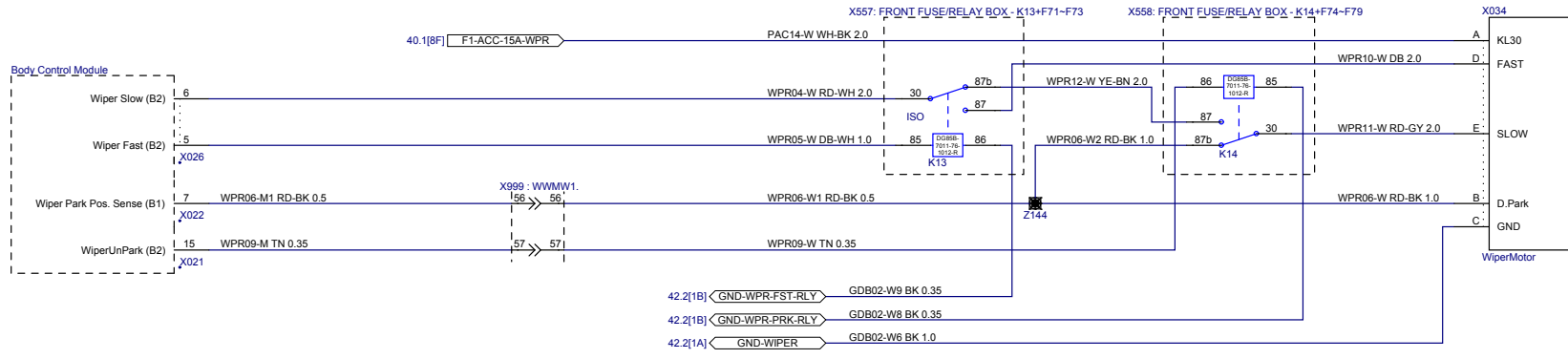
DCDC HVIL wiring for vehicle produced on or after September 1, 2013



TESLA

PROJECT NAME:	PHASE:
2014 Model S Wiring: RHD	SOP
SHEET NAME:	
High Voltage Interlock Connections	
ITEM NO:	REVISION:
XXXXXXXX-XX-X	1.0
DATE:	12/24/2014
DO NOT SCALE DRAWING	SHEET 24.1

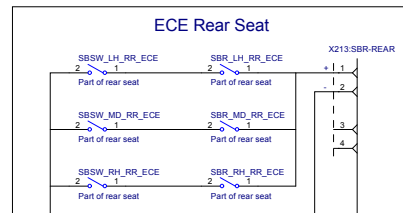
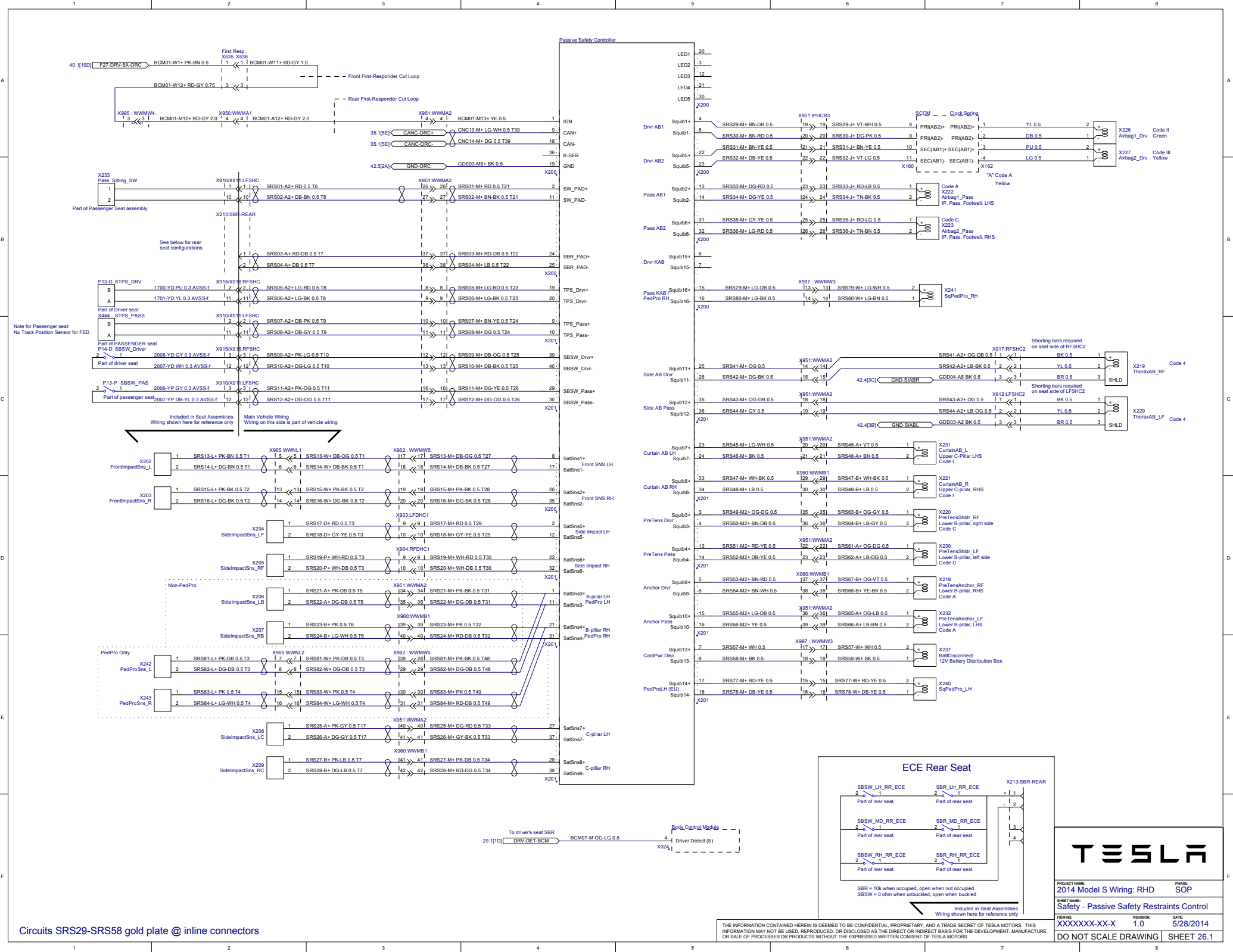
THE INFORMATION CONTAINED HEREIN IS DEEMED TO BE CONFIDENTIAL, PROPRIETARY, AND A TRADE SECRET OF TESLA MOTORS. THIS INFORMATION MAY NOT BE USED, REPRODUCED, OR DISCLOSED AS THE DIRECT OR INDIRECT BASIS FOR THE DEVELOPMENT, MANUFACTURE, OR SALE OF PROCESSES OR PRODUCTS WITHOUT THE EXPRESSED WRITTEN CONSENT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



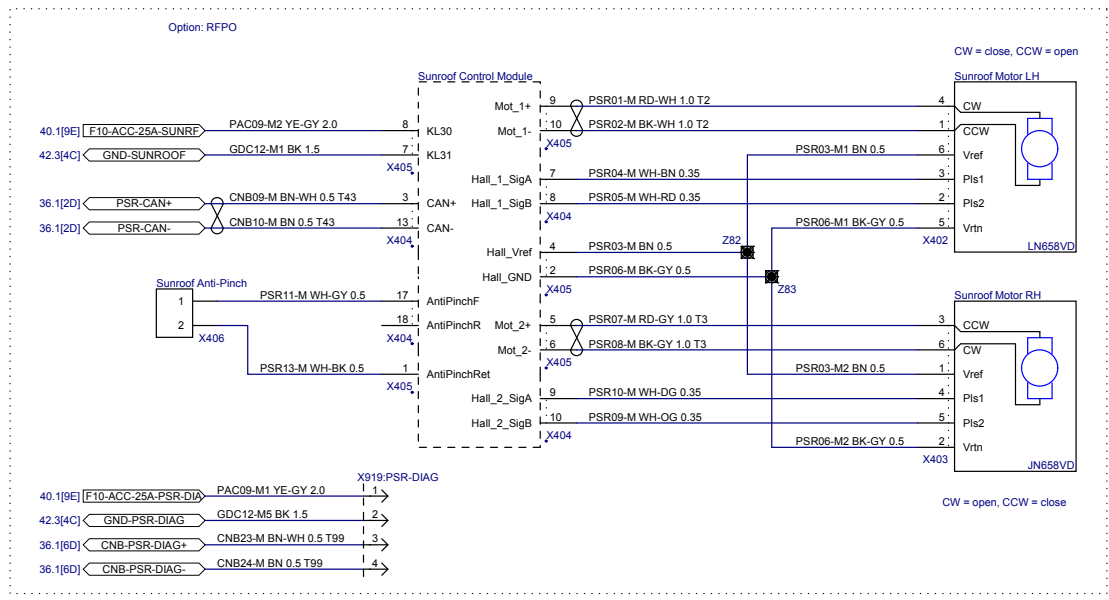
TESLA

PROJECT NAME: 2014 Model S Wiring: RHD		PHASE: SOP	
SHEET NAME: Windscreen Wiper/Washer, Rain Sensor			
ITEM NO: XXXXXX-XX-X	REVISION: 1.0	DATE: 5/28/2014	
DO NOT SCALE DRAWING			SHEET 25.1

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PROJECT NAME: 2014 Model S Wiring: RHD
 PHASE: SOP
 SHEET NAME: Safety - Passive Safety Restraints Control
 ITEM NO: XXXXXX-XX-X
 REVISION: 1.0
 DATE: 5/28/2014
 DO NOT SCALE DRAWING SHEET 26.1



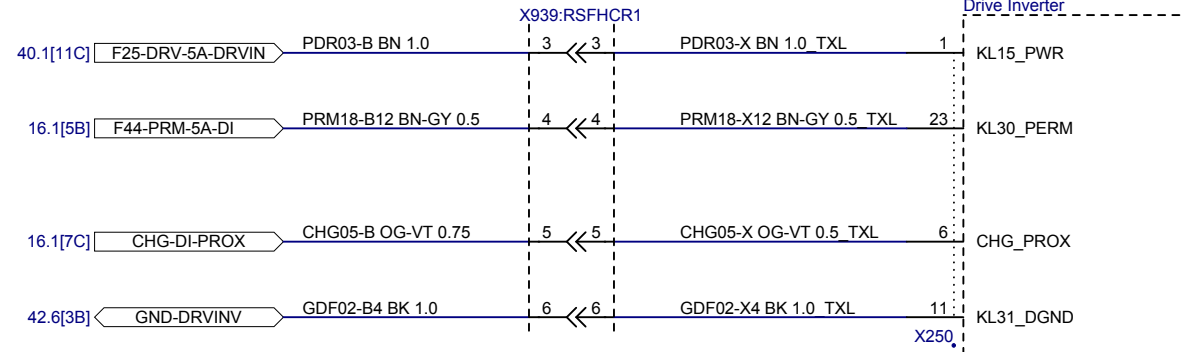
PROJECT NAME: 2014 Model S Wiring: RHD		PHASE: SOP
SHEET NAME: Panoramic Sunroof		
ITEM NO: XXXXXX-XX-X	REVISION: 1.0	DATE: 5/28/2014
DO NOT SCALE DRAWING		SHEET 27.1

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A

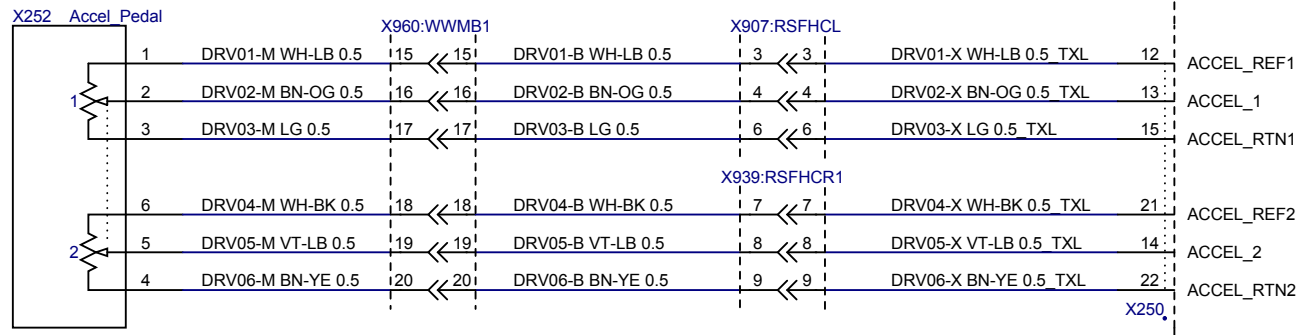
A

Brake switch signals on separate page



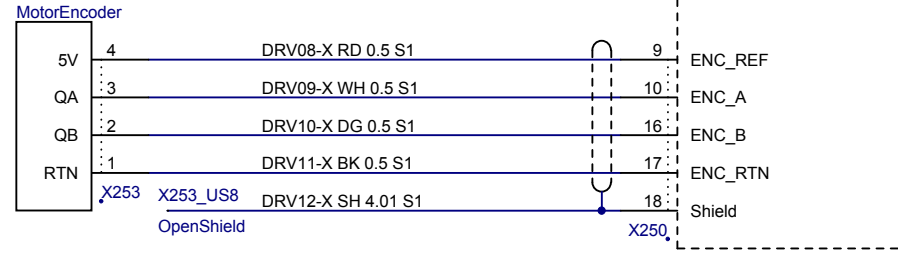
B

B



C

C



X250, X253 SEALED shield terminations

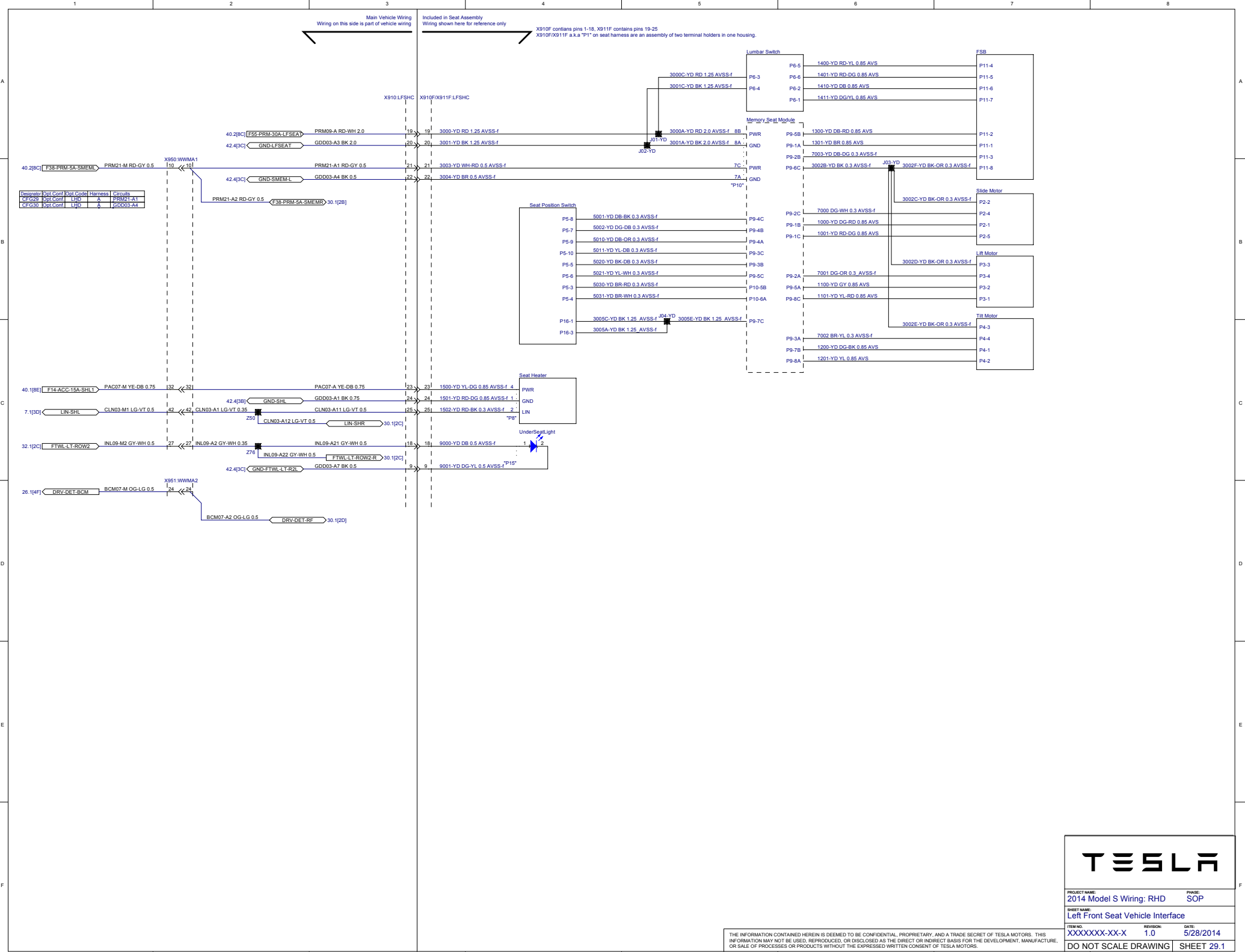
D

D



PROJECT NAME: 2014 Model S Wiring: RHD		PHASE: SOP
SHEET NAME: Drive Inverter		
ITEM NO. XXXXXXXX-XX-X	REVISION: 1.0	DATE: 5/28/2014
DO NOT SCALE		SHEET 28.1

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TESLA

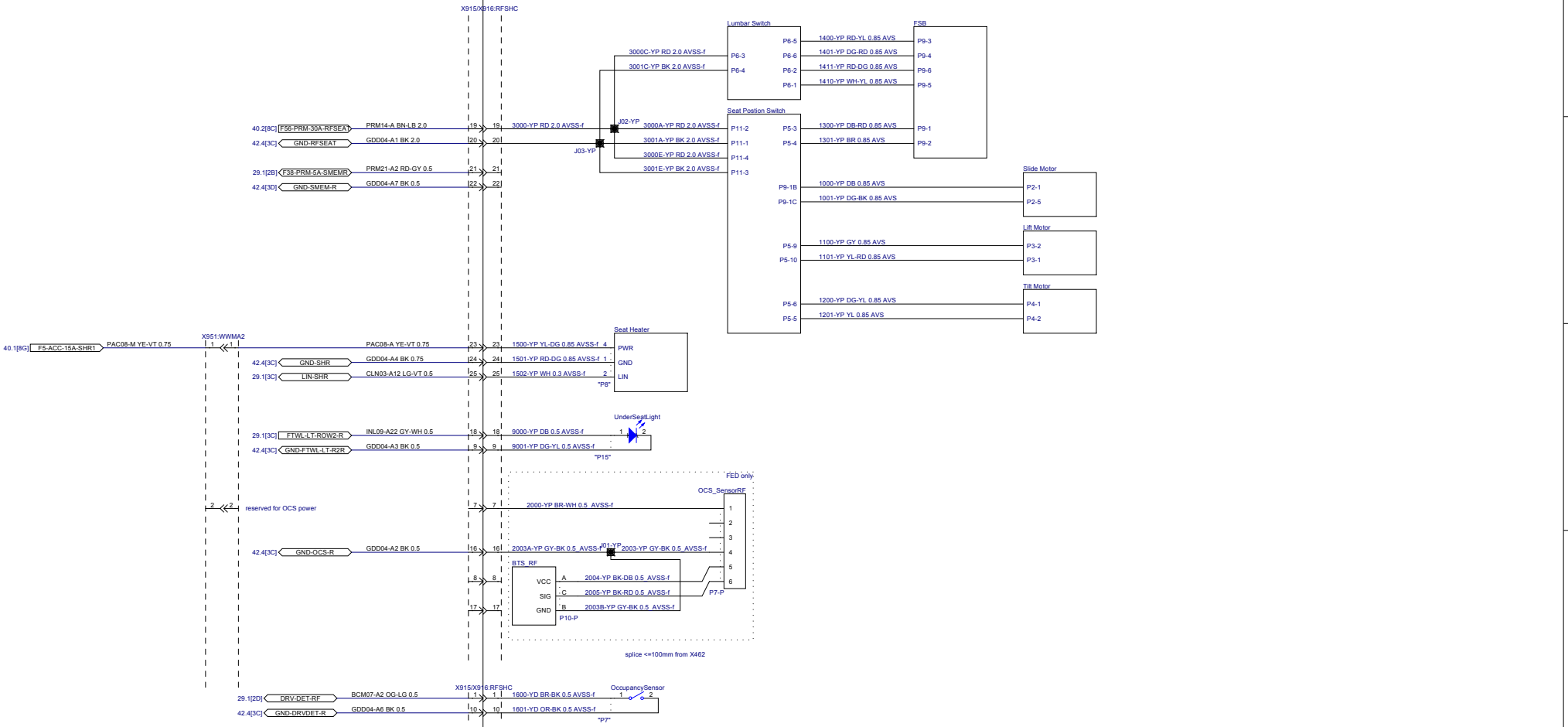
PROJECT NAME: 2014 Model S Wiring: RHD	PHASE: SOP
SHEET NAME: Left Front Seat Vehicle Interface	
ITEM NO: XXXXXX-XX-X	REVISION: 1.0
DATE: 5/28/2014	
DO NOT SCALE DRAWING SHEET 29.1	

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Main Vehicle Wiring
Wiring on this side is part of vehicle wiring

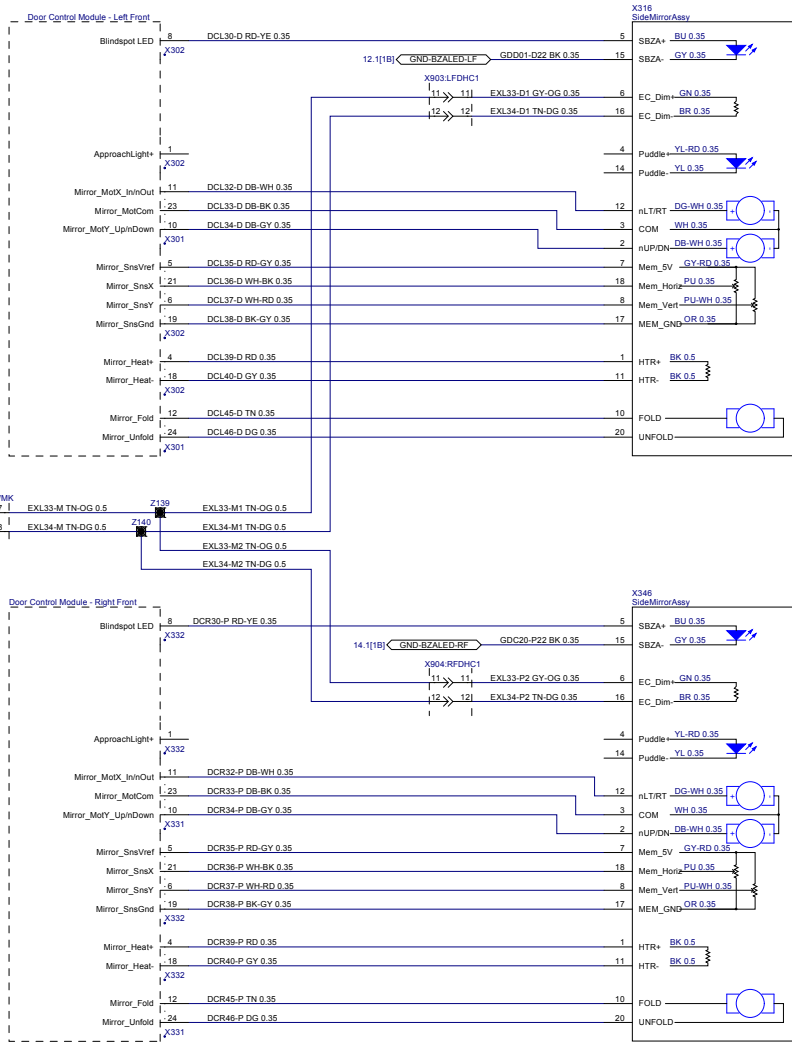
Included in Seat Assembly
Wiring shown here for reference only

X915F contains pins 1-18, X916F contains pins 19-25
X915F/X916F a.k.a "P1" on seat harness are an assembly of two terminal holders in one housing.



PROJECT NAME: 2014 Model S Wiring: RHD	PHASE: SOP
SHEET NAME: Right Front Seat Vehicle Interface	
ITEM NO: XXXXXX-XX-X	REVISION: 1.0
	DATE: 5/28/2014
DO NOT SCALE DRAWING	
SHEET 30.1	

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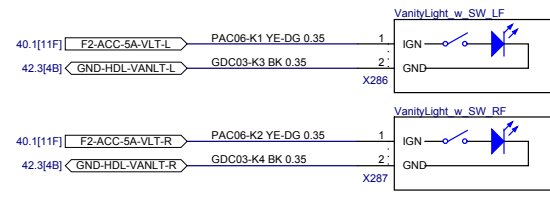
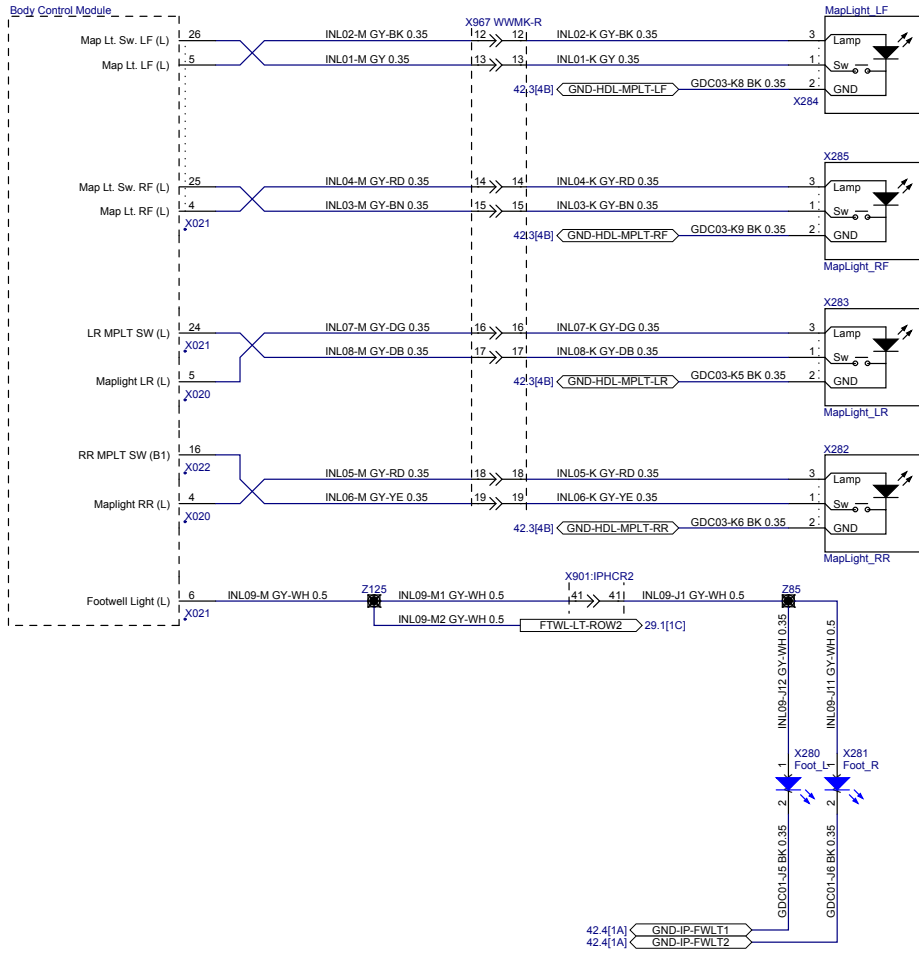


Mirror control commands come to the drive door control module via LIN from the driver-door switchpack module.
Mirror controls for the passenger side mirror are then passed over CAN to the passenger door control module.

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TESLA

PROJECT NAME: 2014 Model S Wiring: RHD		PHASE: SOP	
SHEET NAME: Mirrors - Center and Side			
ITEM NO: XXXXXX-XX-X	REVISION: 1.0	DATE: 5/28/2014	
DO NOT SCALE DRAWING			SHEET 31.1



PROJECT NAME: 2014 Model S Wiring: RHD	PHASE: SOP
SHEET NAME: Interior Lighting - Maplights	
ITEM NO: XXXXXX-XX-X	REVISION: 1.0
DATE: 5/28/2014	
DO NOT SCALE DRAWING	SHEET 32.1

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Option: AS01

1 2 3 4 5 6

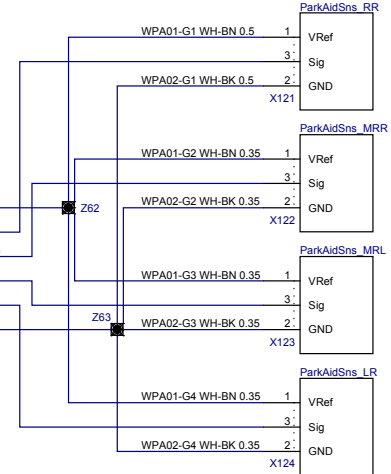
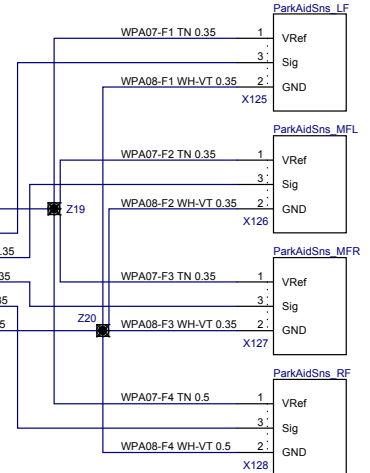
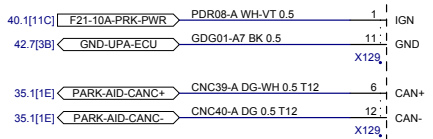
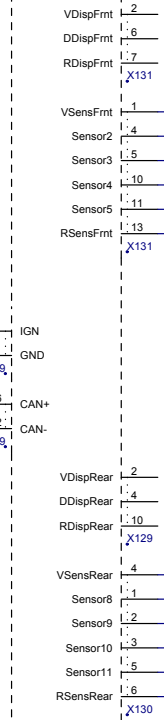
A

B

C

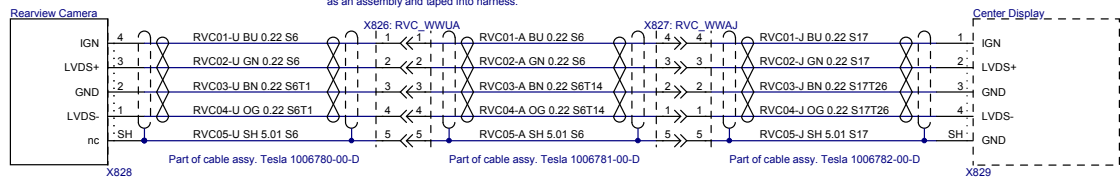
D

ParkAid ECU



Option: TP01

Video Cabling for rear view camera will be purchased as an assembly and taped into harness.



PROJECT NAME: 2014 Model S Wiring: RHD PHASE: SOP

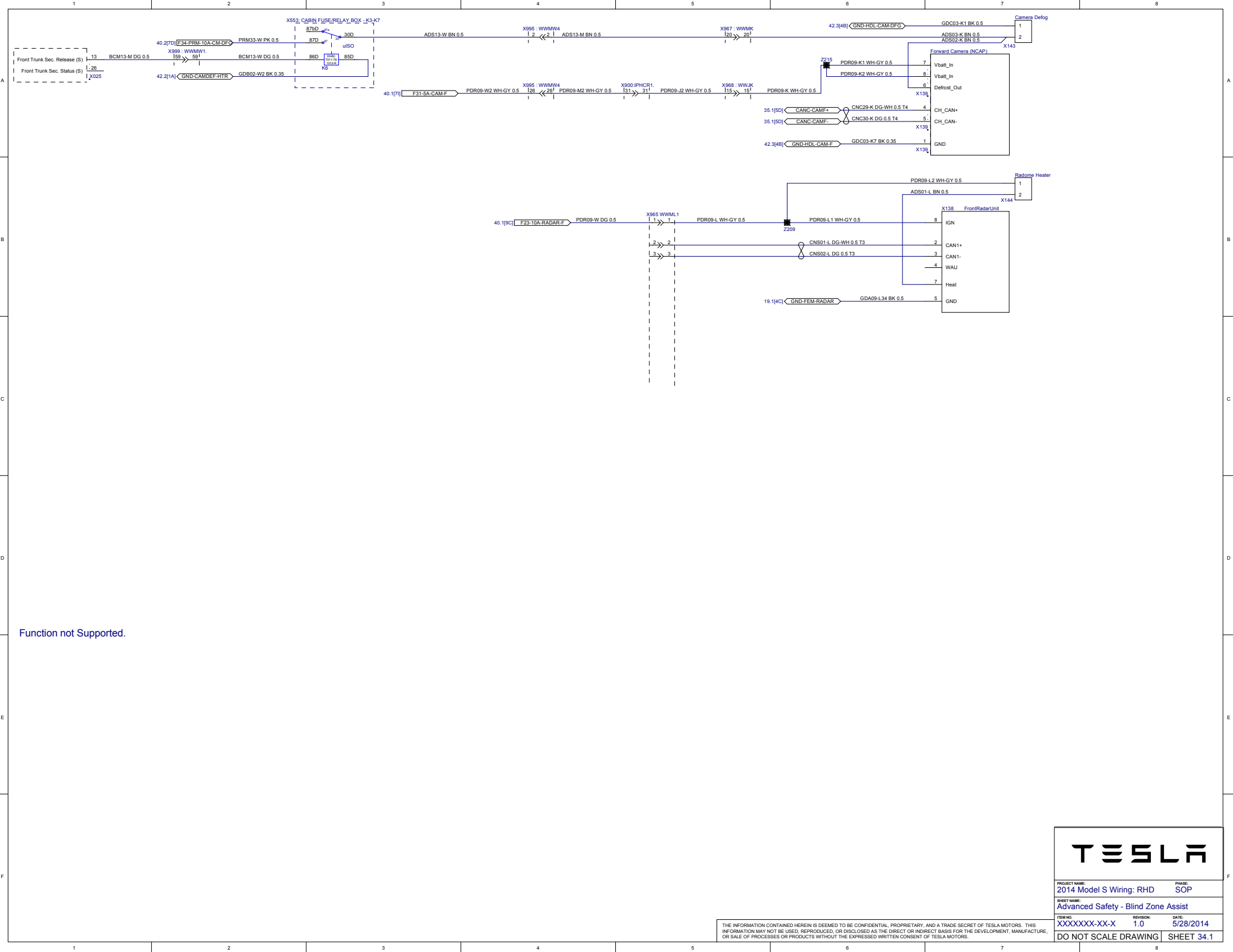
SHEET NAME: Parking Aids

ITEM NO: XXXXXX-XX-X REVISION: 1.0 DATE: 5/28/2014

DO NOT SCALE DRAWING SHEET 33.1

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1 2 3 4 5 6

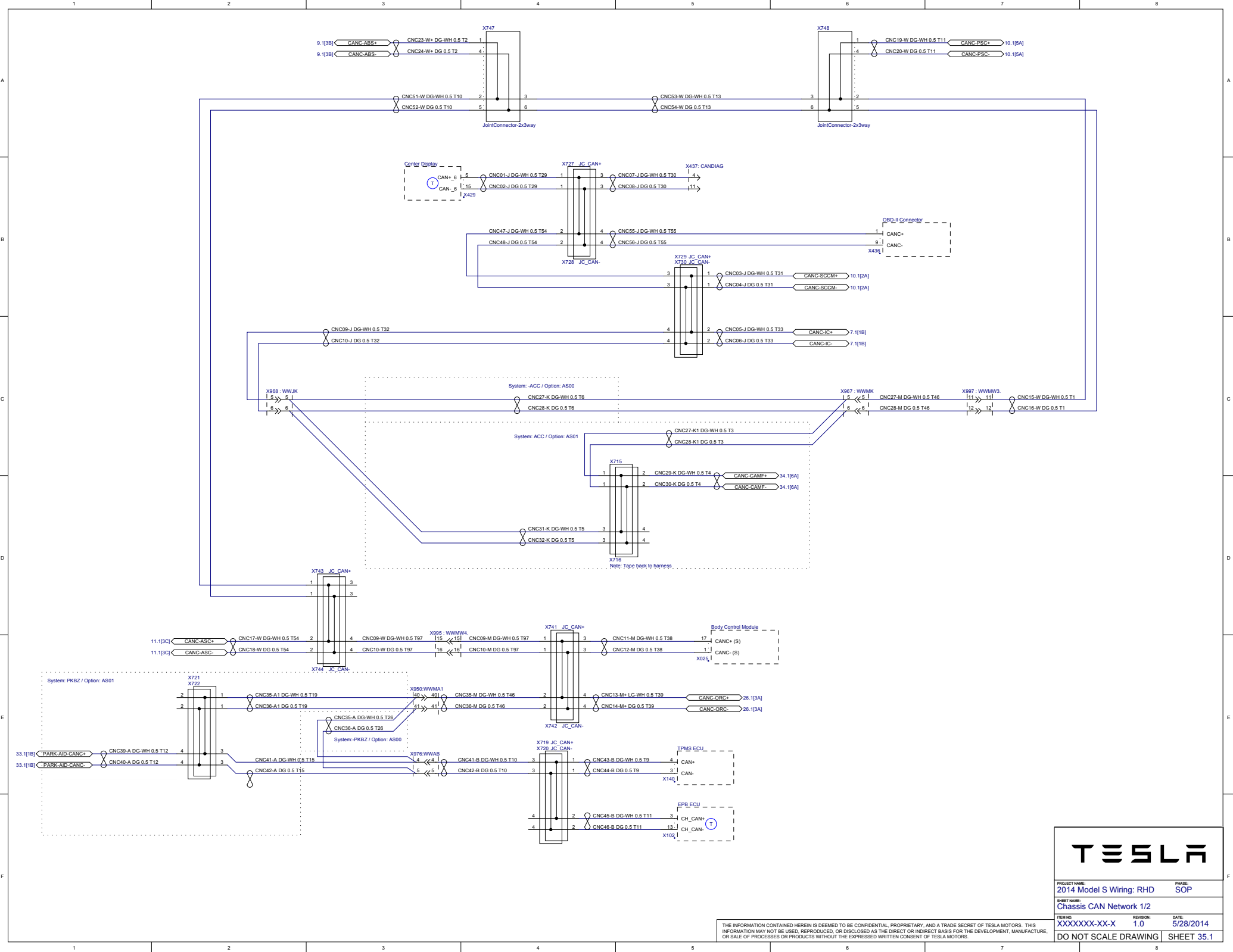


Function not Supported.

TESLA

PROJECT NAME:	2014 Model S Wiring: RHD	PHASE:	SOP
SHEET NAME:	Advanced Safety - Blind Zone Assist		
ITEM NO:	XXXXXX-XX-X	REVISION:	1.0
		DATE:	5/28/2014
DO NOT SCALE DRAWING			SHEET 34.1

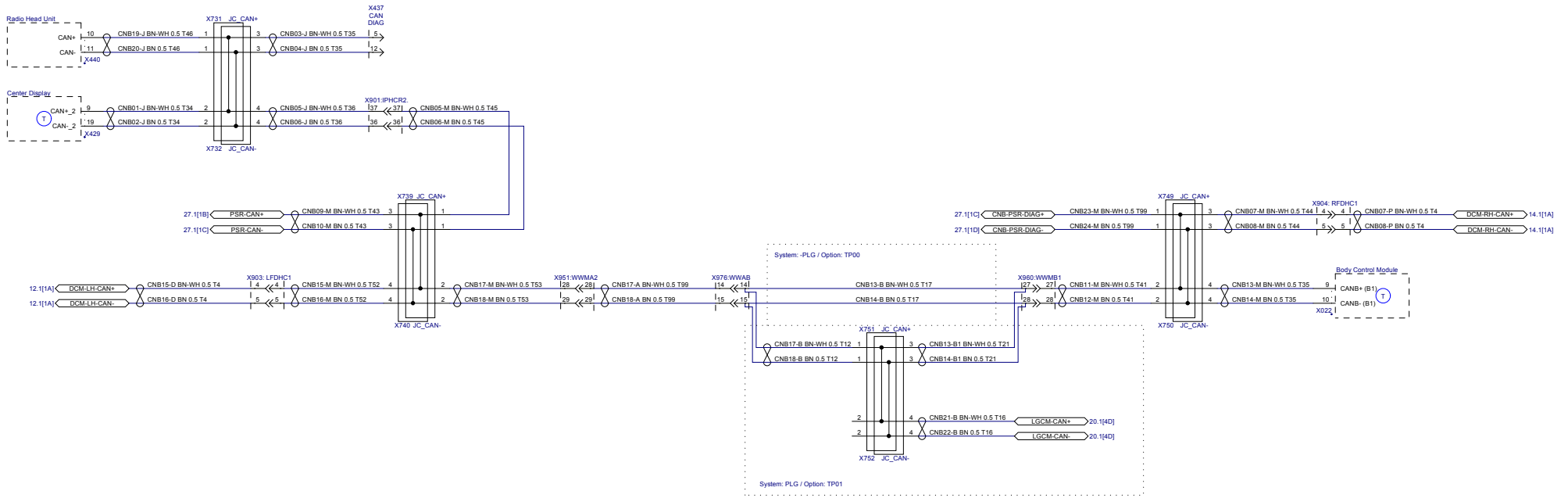
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TESLA

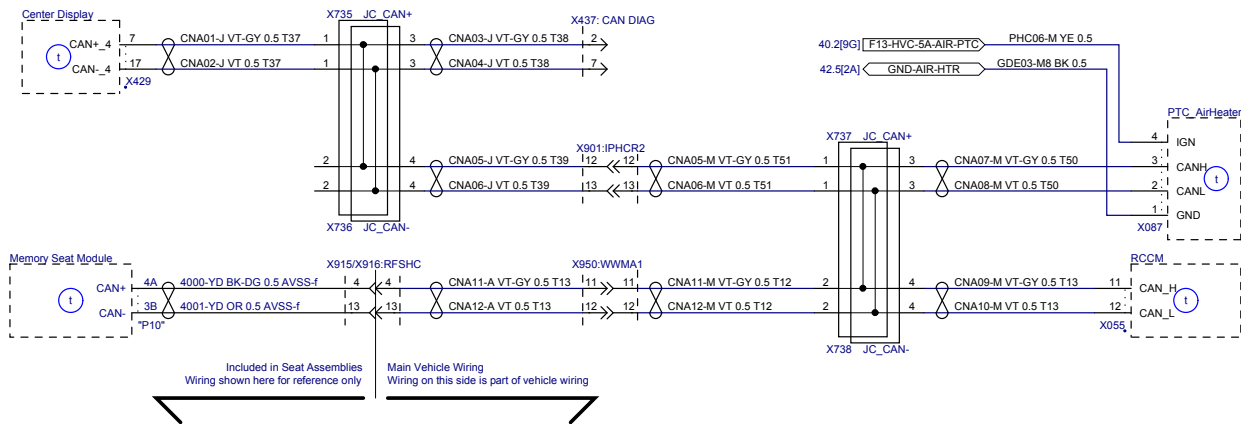
PROJECT NAME: 2014 Model S Wiring: RHD	PHASE: SOP
SHEET NAME: Chassis CAN Network 1/2	
ITEM NO: XXXXXX-XX-X	REVISION: 1.0
	DATE: 5/28/2014
DO NOT SCALE DRAWING SHEET 35.1	

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PROJECT NAME: 2014 Model S Wiring: RHD	PHASE: SOP
SHEET NAME: Body CAN Network	
ITEM NO: XXXXXXXX-XX-X	REVISION: 1.0
	DATE: 5/28/2014
DO NOT SCALE DRAWING SHEET 36.1	

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TESLA

PROJECT NAME: 2014 Model S Wiring: RHD PHASE: SOP

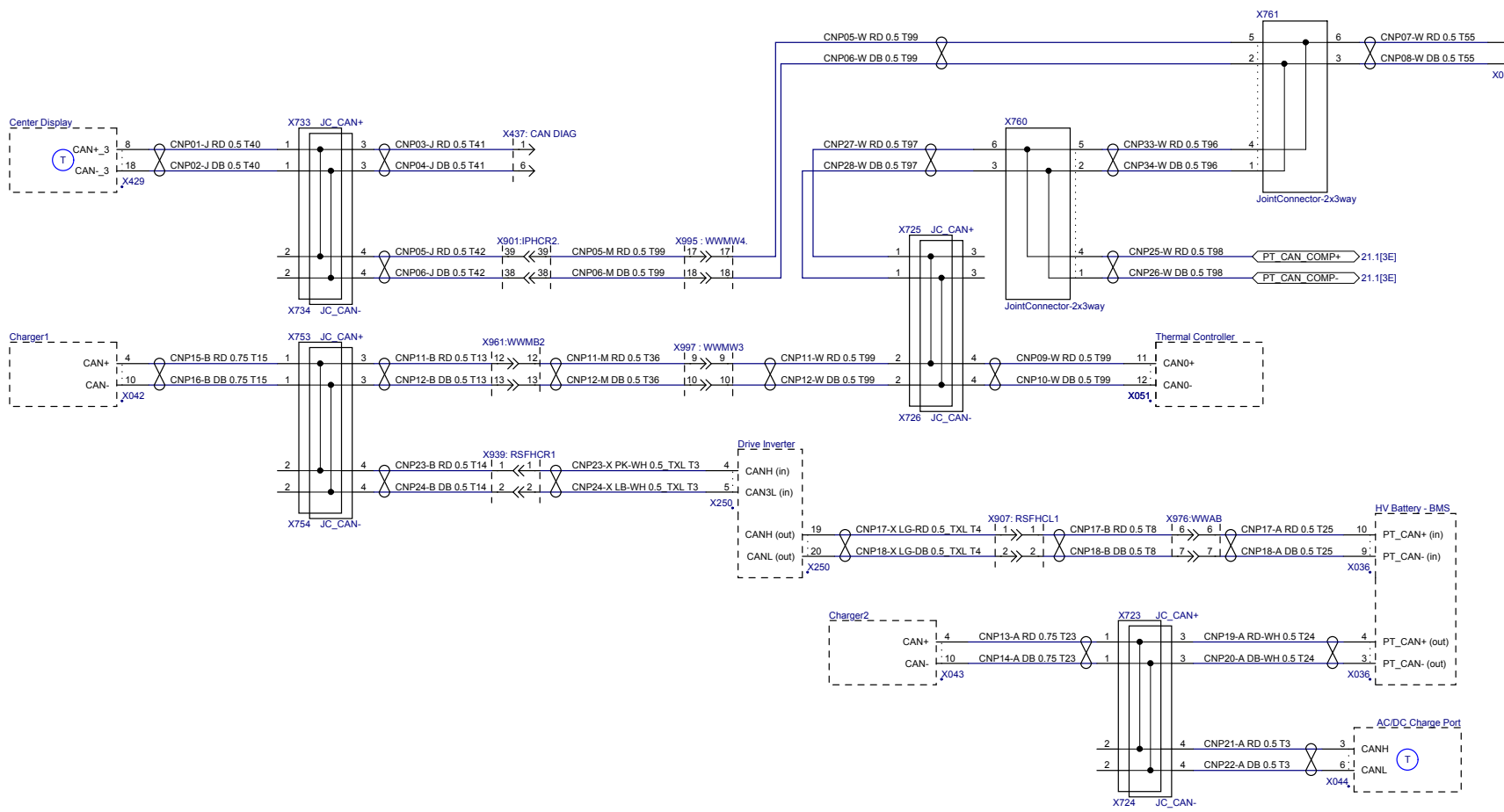
SHEET NAME: Body FT CAN Network

ITEM NO: XXXXXX-XX-X REVISION: 1.0 DATE: 5/28/2014

DO NOT SCALE DRAWING SHEET 37.1

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1 2 3 4 5 6

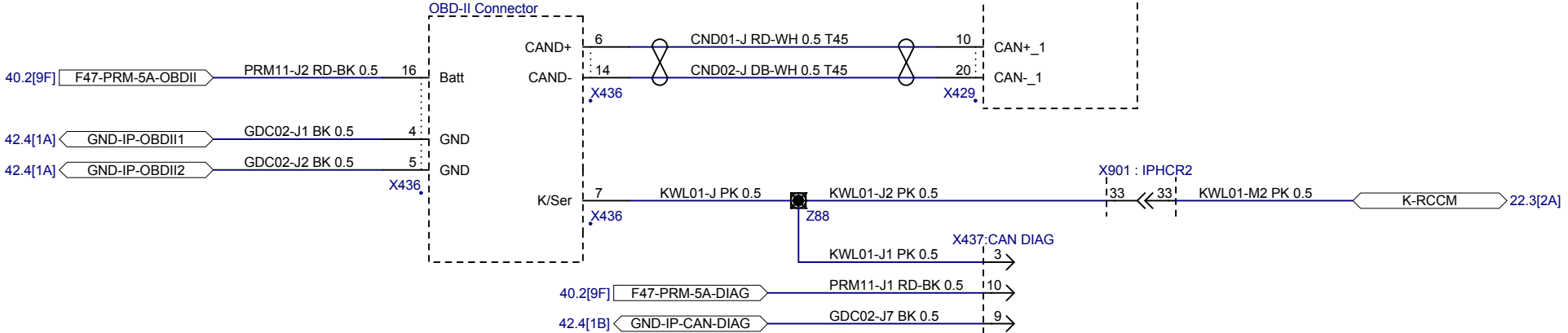
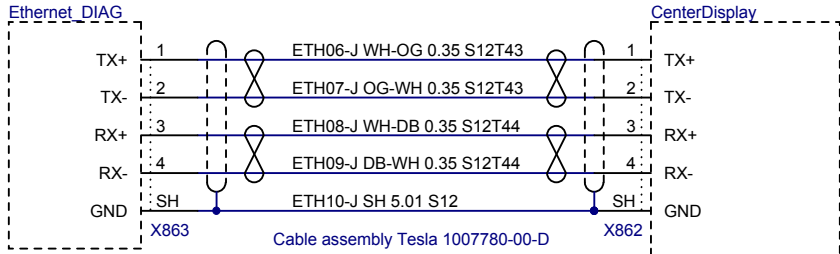


PROJECT NAME: 2014 Model S Wiring: RHD	PHASE: SOP
SHEET NAME: PT CAN Network 1	
ITEM NO: XXXXXX-XX-X	REVISION: 1.0
DATE: 5/28/2014	
DO NOT SCALE DRAWING	SHEET 38.1

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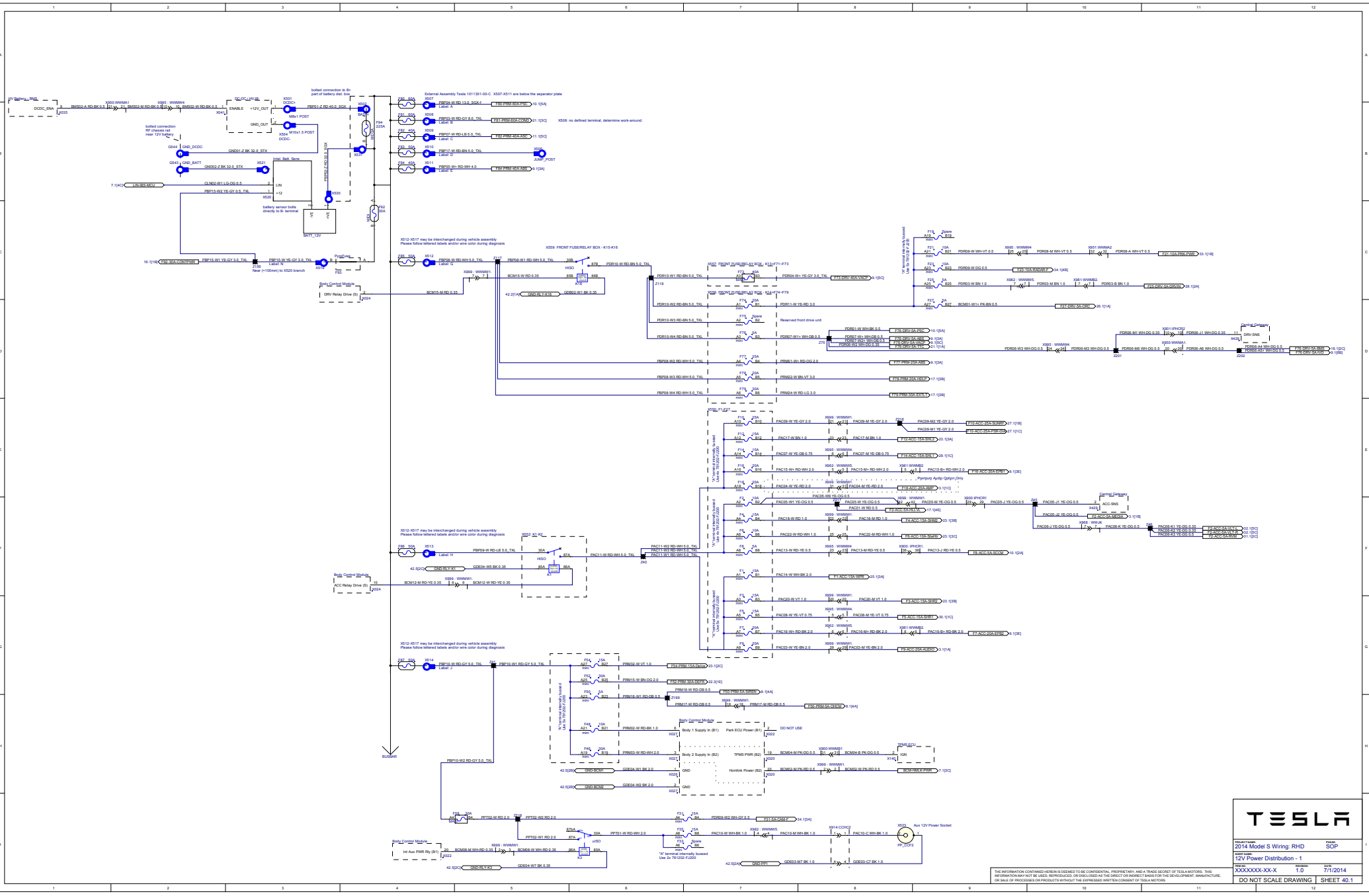
1 2 3 4 5 6

A B C D



PROJECT NAME: 2014 Model S Wiring: RHD		PHASE: SOP
SHEET NAME: Vehicle Diagnostic Connections		
ITEM NO. XXXXXXXX-XX-X	REVISION: 1.0	DATE: 5/28/2014
DO NOT SCALE		SHEET 39.1

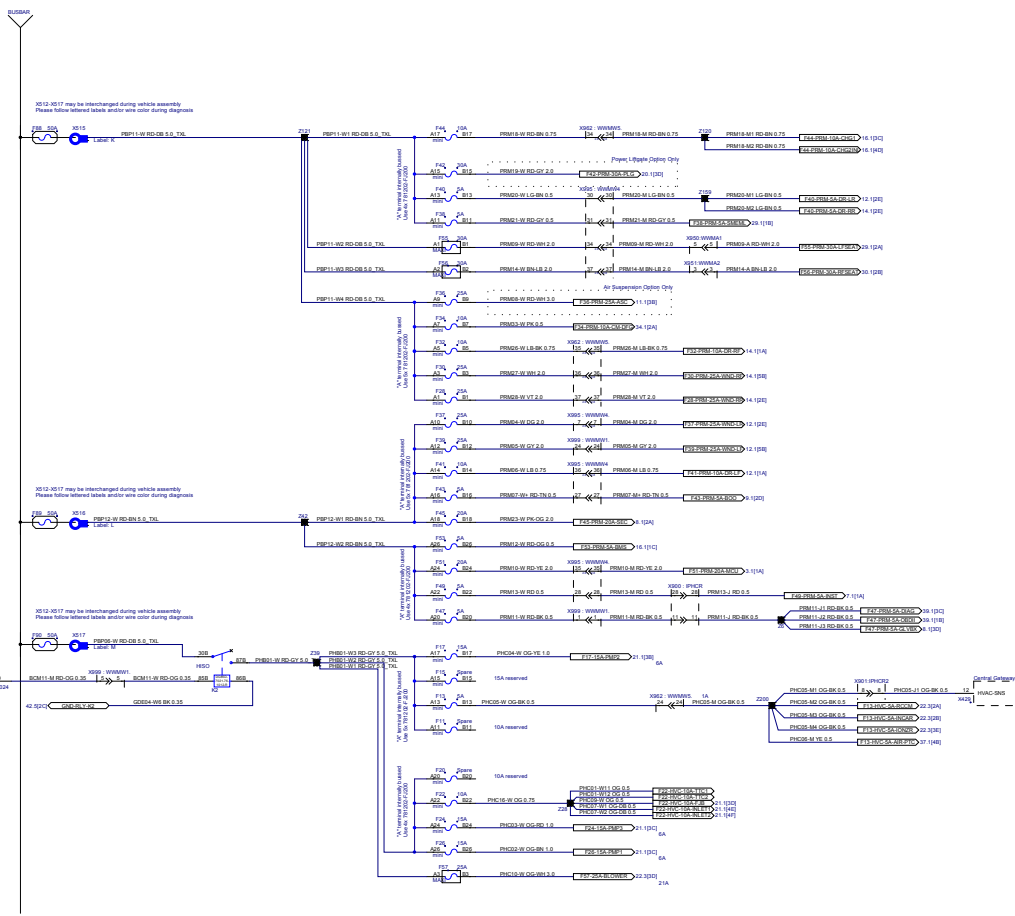
THE INFORMATION CONTAINED HEREIN IS DEEMED TO BE CONFIDENTIAL, PROPRIETARY, AND A TRADE SECRET OF TESLA MOTORS. THIS INFORMATION MAY NOT BE USED, REPRODUCED, OR DISCLOSED AS THE DIRECT OR INDIRECT BASIS FOR THE DEVELOPMENT, MANUFACTURE, OR SALE OF PROCESSES OR PRODUCTS WITHOUT THE EXPRESSED WRITTEN CONSENT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



TESLA

2014 Model S Wiring: RHD SOP
 12V Power Distribution - 1 1.0
 XXXXXX-XX-X 7/1/2014
 DO NOT SCALE DRAWING SHEET 40.1

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XGSD-10517 may be interchanged during vehicle assembly.
Please follow related labels and/or wire color during diagnosis.

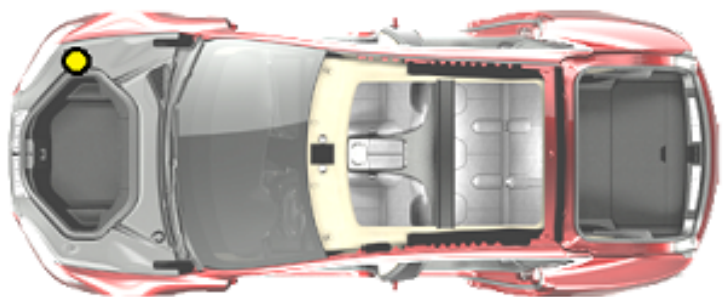
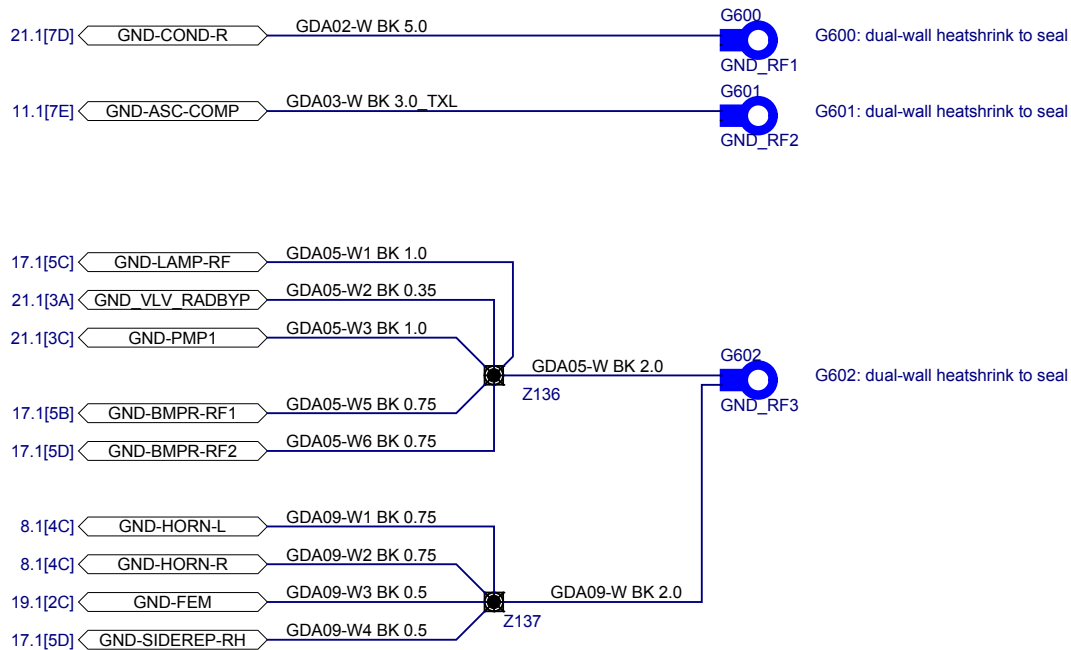
XGSD-10517 may be interchanged during vehicle assembly.
Please follow related labels and/or wire color during diagnosis.

XGSD-10517 may be interchanged during vehicle assembly.
Please follow related labels and/or wire color during diagnosis.



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RF Ground Point - Forward of Wheel



TESLA

PROJECT NAME: 2014 Model S Wiring: RHD PHASE: SOP

SHEET NAME: Ground Distribution - Right Front

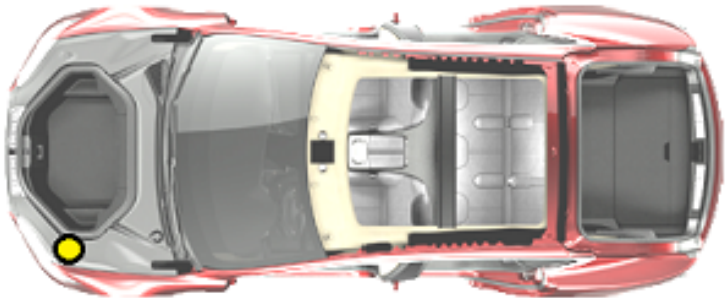
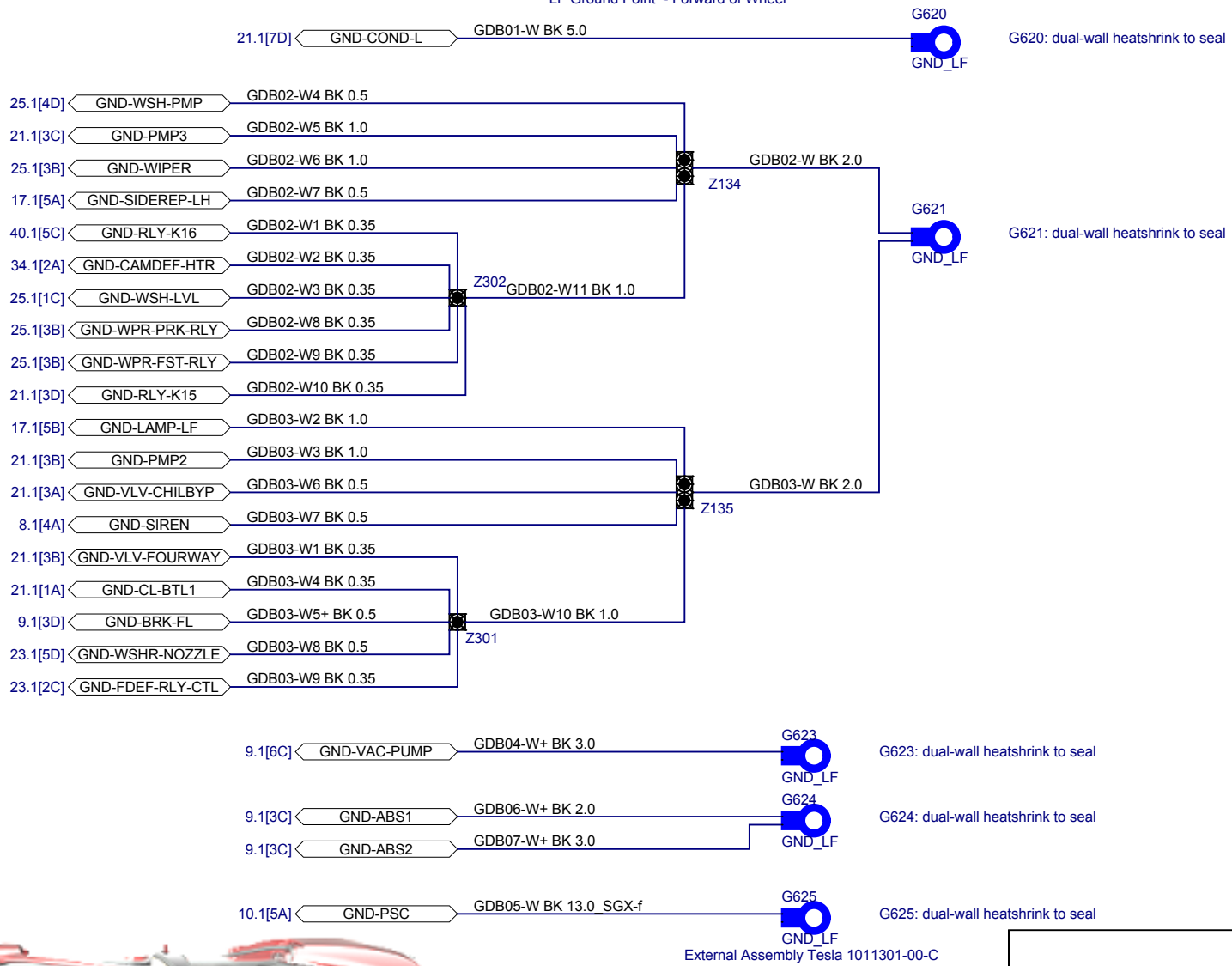
ITEM NO. XXXXXXXX-XX-X REVISION: 1.0 DATE: 7/2/2014

DO NOT SCALE

SHEET 42.1

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LF Ground Point - Forward of Wheel

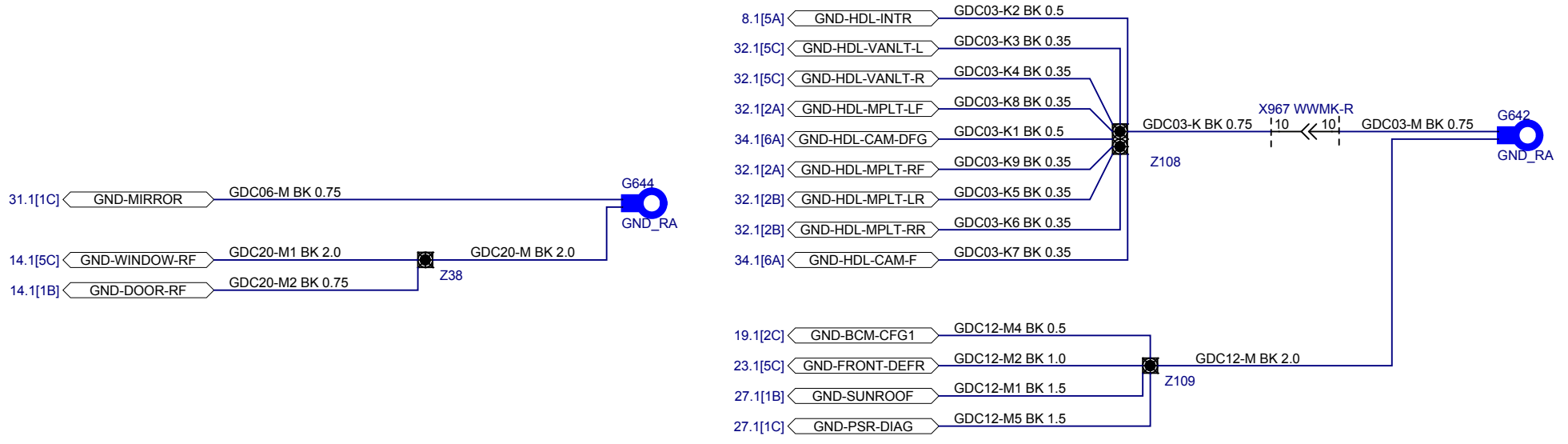


TESLA

PROJECT NAME: 2014 Model S Wiring: RHD	PHASE: SOP	
SHEET NAME: Ground Distribution - Left Front		
ITEM NO. XXXXXXXX-XX-X	REVISION: 1.0	DATE: 7/2/2014
DO NOT SCALE	SHEET 42.2	

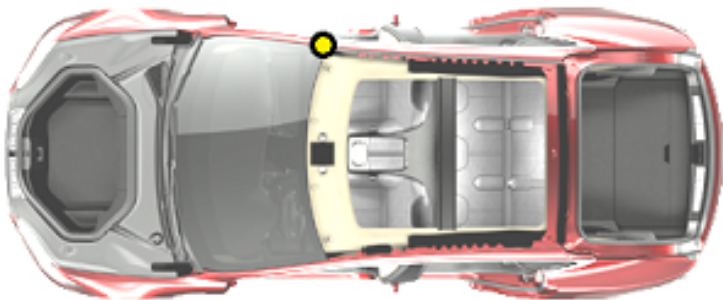
THE INFORMATION CONTAINED HEREIN IS DEEMED TO BE CONFIDENTIAL, PROPRIETARY, AND A TRADE SECRET OF TESLA MOTORS. THIS INFORMATION MAY NOT BE USED, REPRODUCED, OR DISCLOSED AS THE DIRECT OR INDIRECT BASIS FOR THE DEVELOPMENT, MANUFACTURE, OR SALE OF PROCESSES OR PRODUCTS WITHOUT THE EXPRESSED WRITTEN CONSENT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

RH A-pillar Ground Point



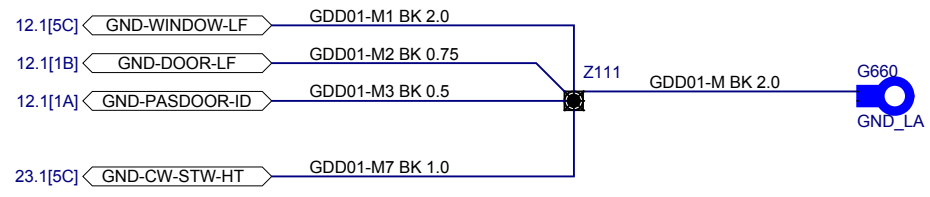
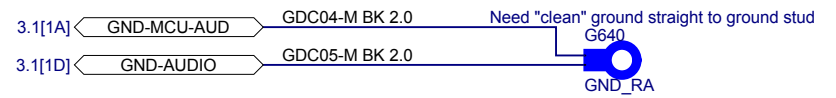
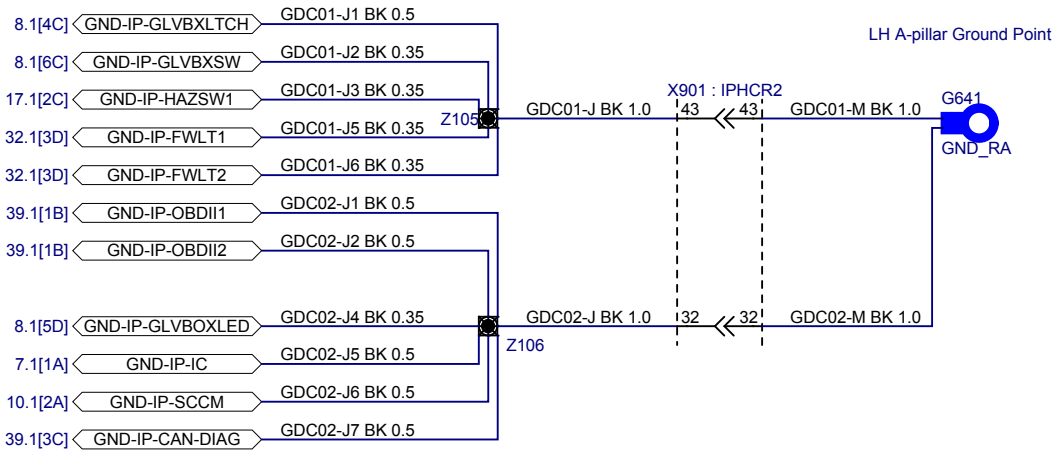
MAIN Body Harness

RIGHT Body Harness



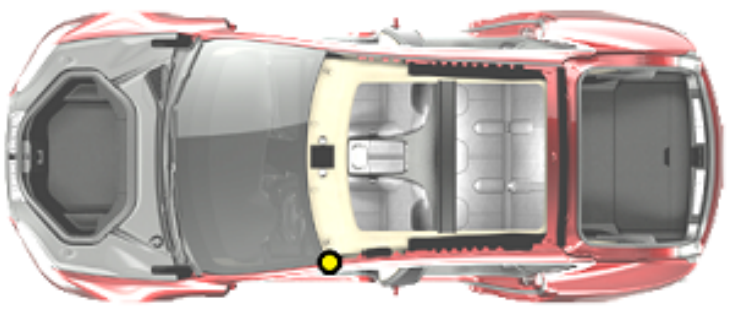
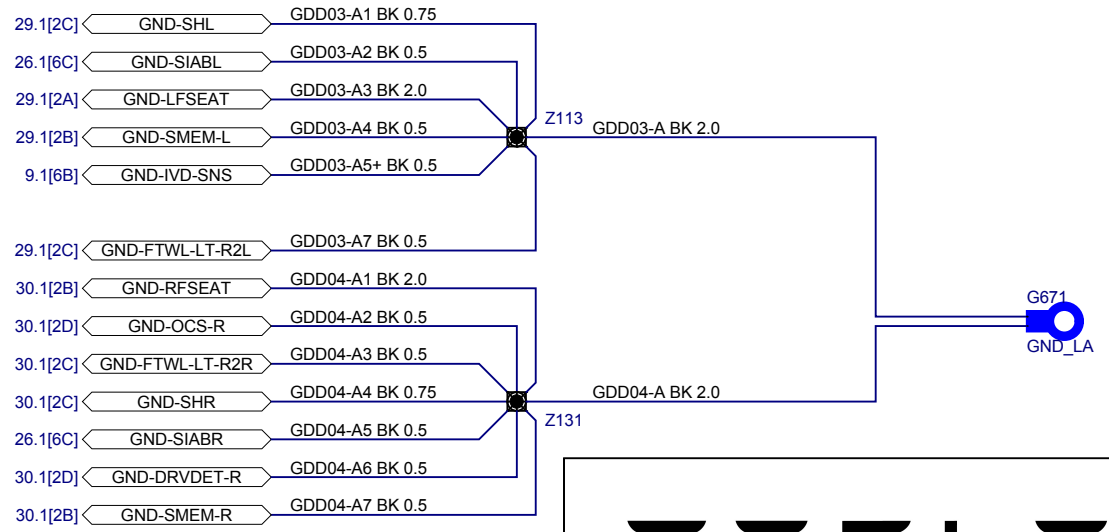
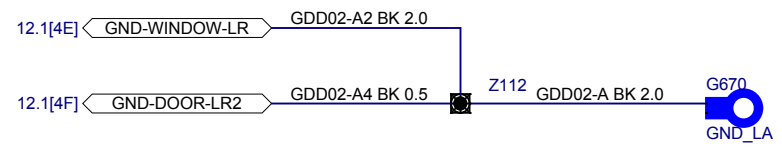
PROJECT NAME: 2014 Model S Wiring: RHD		PHASE: SOP
SHEET NAME: Ground Distribution - RHS A-Pillar		
ITEM NO. XXXXXXXX-XX-X	REVISION: 1.0	DATE: 7/2/2014
DO NOT SCALE		SHEET 42.3

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MAIN Body Harness

LEFT Body Harness

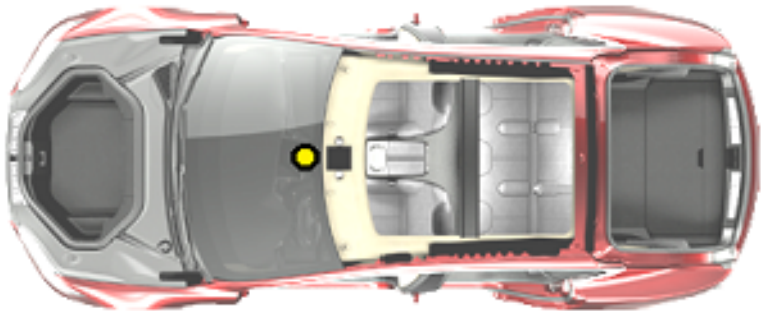
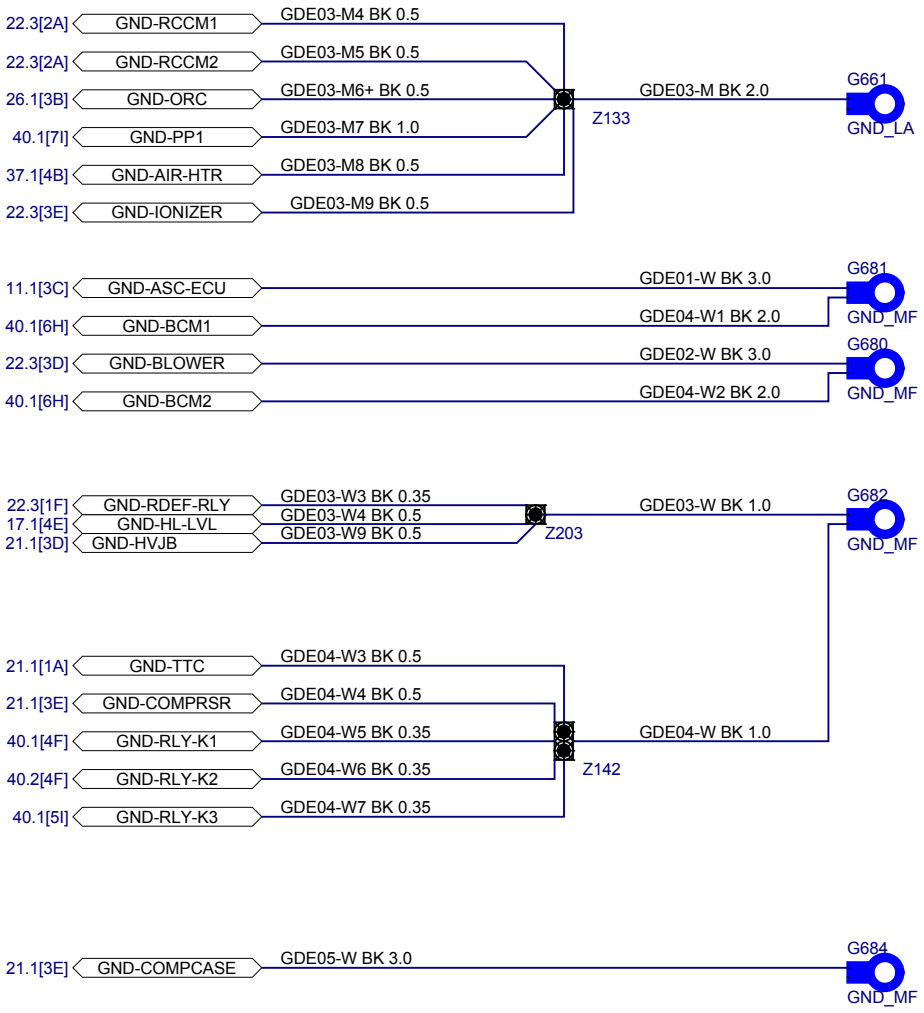


TESLA

PROJECT NAME: 2014 Model S Wiring: RHD		PHASE: SOP
SHEET NAME: Ground Distribution - LHS A-pillar		
ITEM NO. XXXXXXXX-XX-X	REVISION: 1.0	DATE: 7/2/2014
DO NOT SCALE		SHEET 42.4

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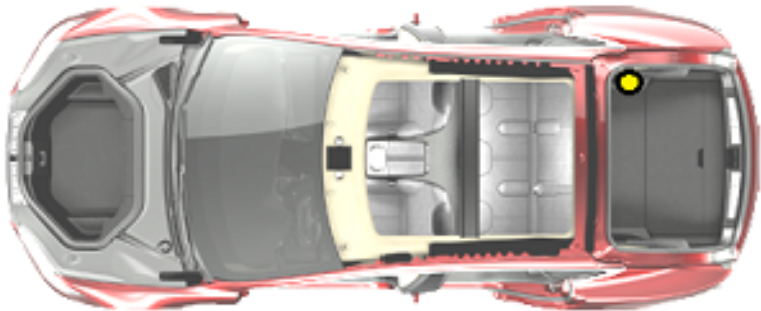
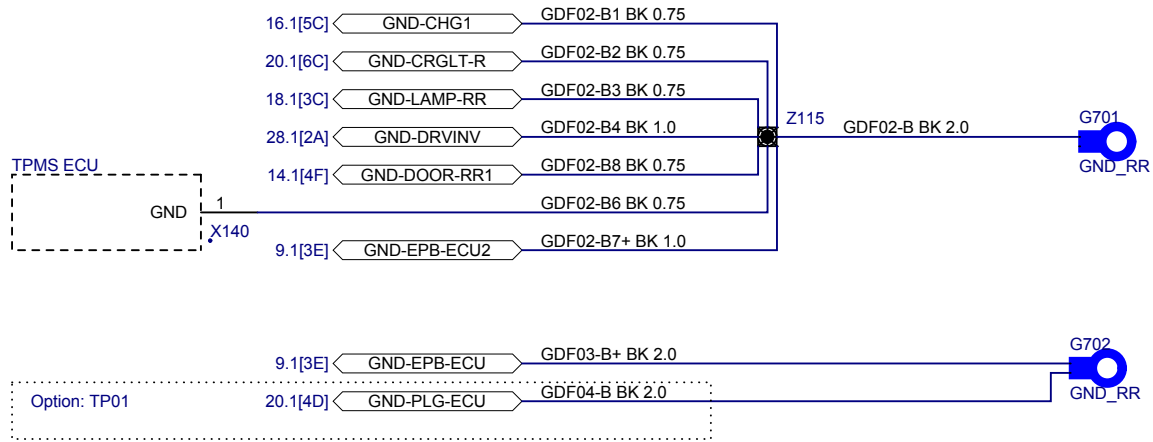
Middle Ground Point



PROJECT NAME: 2014 Model S Wiring: RHD		PHASE: SOP
SHEET NAME: Ground Distribution - Lower Center Stack		
ITEM NO. XXXXXXXX-XX-X	REVISION: 1.0	DATE: 7/2/2014
DO NOT SCALE		SHEET 42.5

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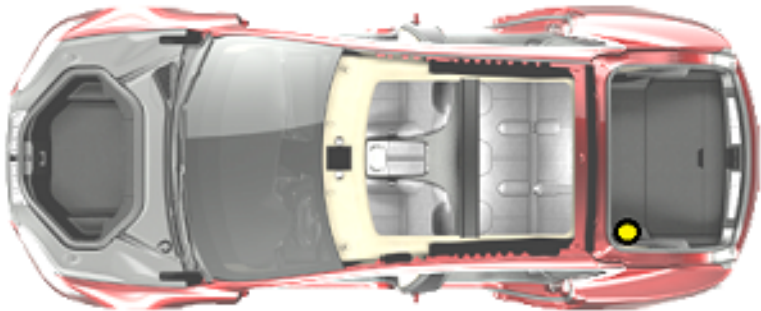
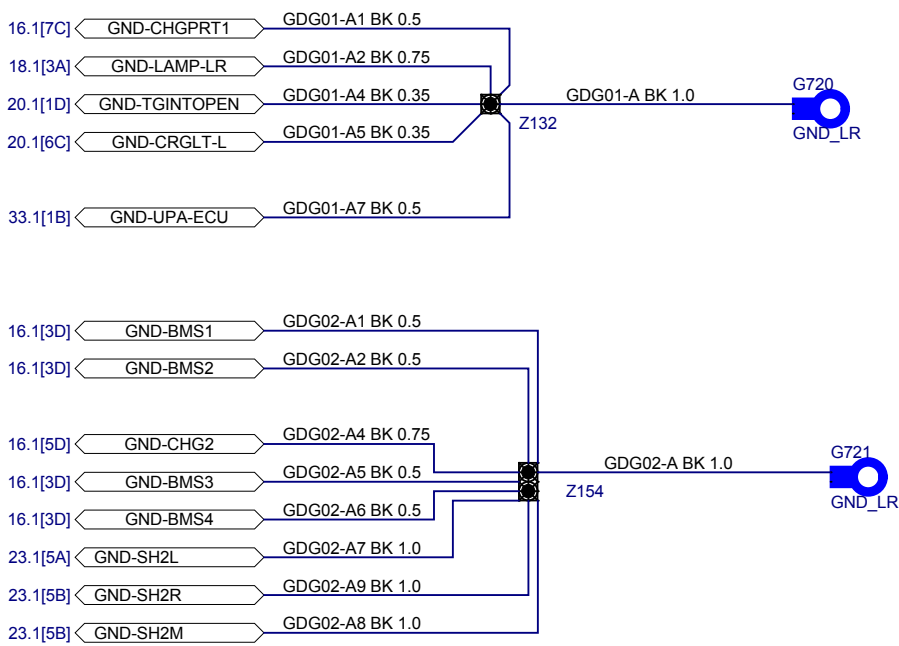
RR Ground Point - Behind Wheel



PROJECT NAME: 2014 Model S Wiring: RHD		PHASE: SOP
SHEET NAME: Ground Distribution - Right Rear		
ITEM NO. XXXXXXXX-XX-X	REVISION: 1.0	DATE: 7/2/2014
DO NOT SCALE		SHEET 42.6

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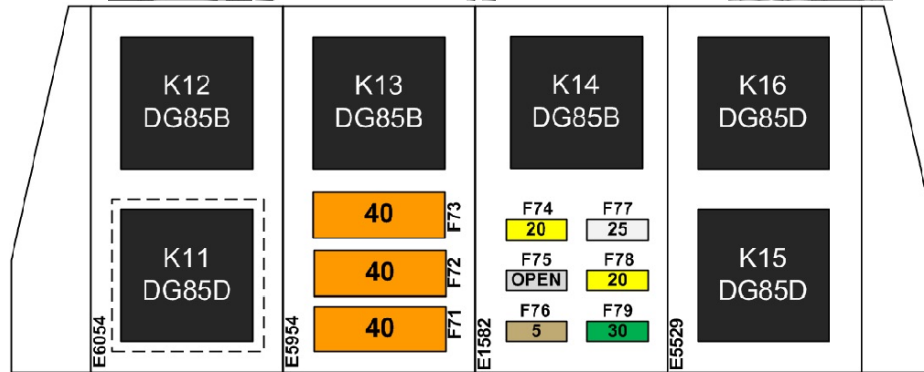
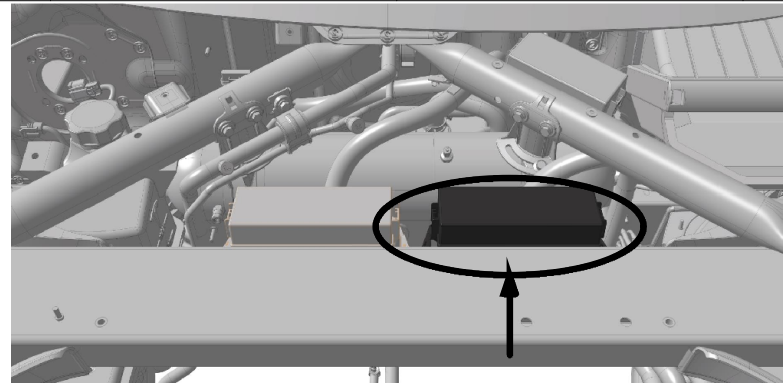
LR Ground Point - Behind Wheel



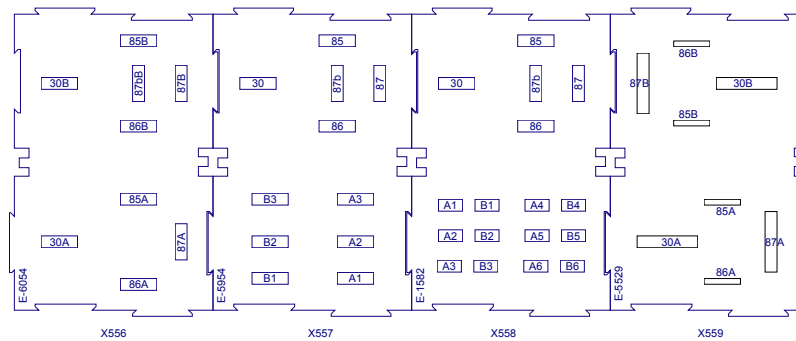
PROJECT NAME: 2014 Model S Wiring: RHD		PHASE: SOP
SHEET NAME: Ground Distribution - Left Rear		
ITEM NO. XXXXXXXX-XX-X	REVISION: 1.0	DATE: 7/2/2014
DO NOT SCALE		SHEET 42.7

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Des. Function	Option
F71 Condenser Fan, Left	ALL
F72 Condenser Fan, Right	ALL
F73 Vacuum Pump	ALL
F74 12V Drive Rail, Cabin	ALL
F75 Spare	ALL
F76 ABS Logic - IGN	ALL
F77 Stability Control Valves	ALL
F78 Headlight Dip/Main Beam	ALL
F79 Lighting (Exterior/Interior)	ALL
K11 Air Suspension Compressor	ASC
K12 Vacuum Pump	ALL
K13 Wiper Park Function	ALL
K14 Wiper Fast Function	ALL
K15 Condenser Fan Power	ALL
K16 Drive Switched Power	ALL



Assembly AL25 K033U-U1-A (fuses and relays separate)



TESLA

PROJECT NAME: 2014 Model S Wiring: RHD PHASE: SOP

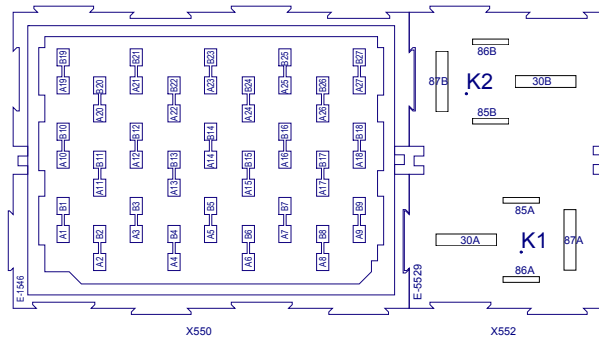
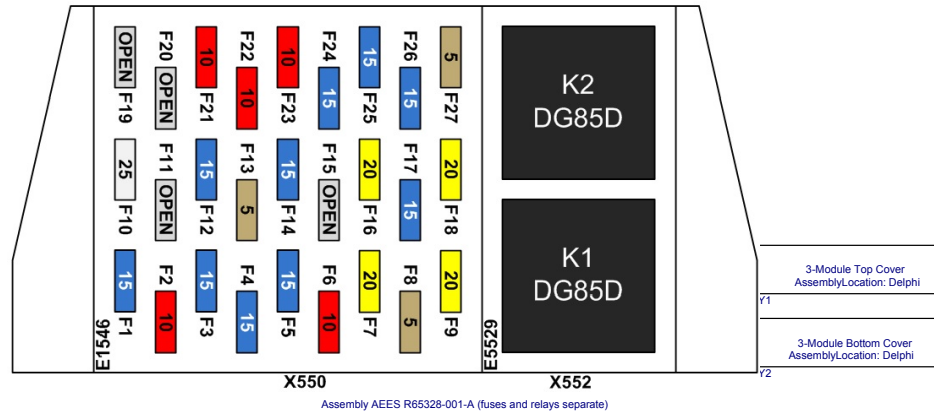
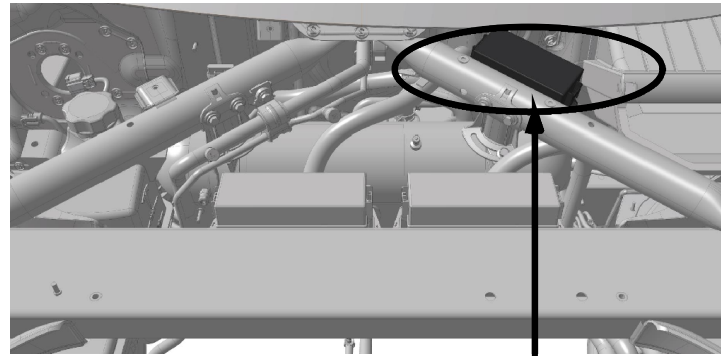
SHEET NAME: Front Fusebox Layout

ITEM NO: XXXXXXX-XX-X REVISION: 1.0 DATE: 7/2/2014

DO NOT SCALE DRAWING SHEET 44.1

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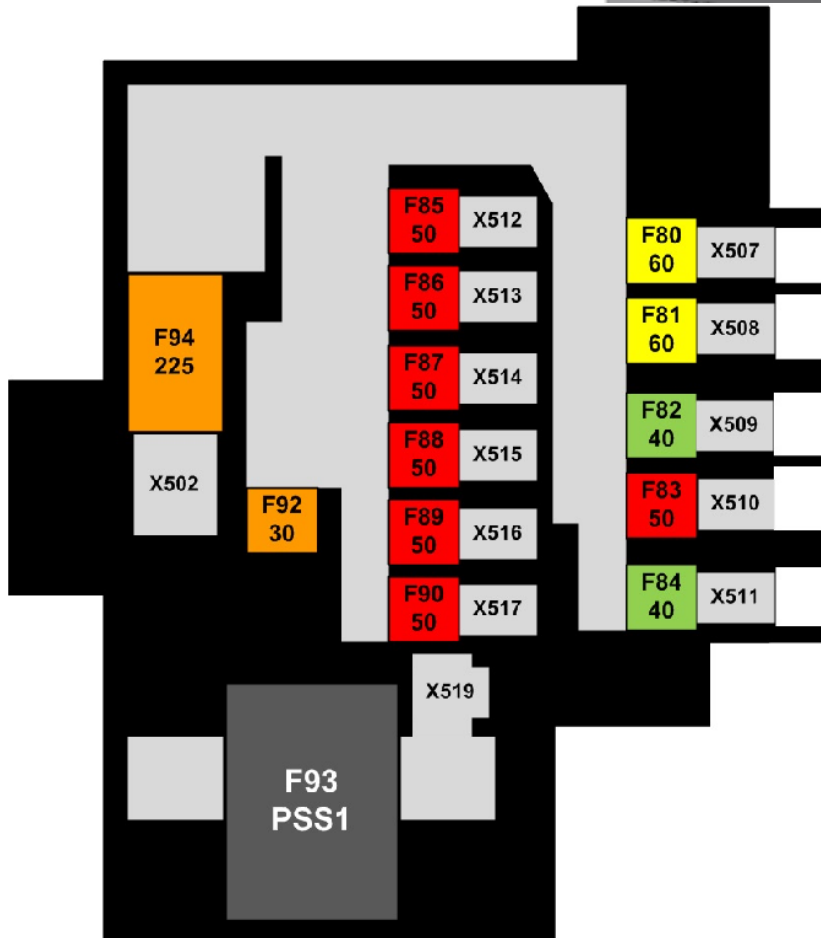
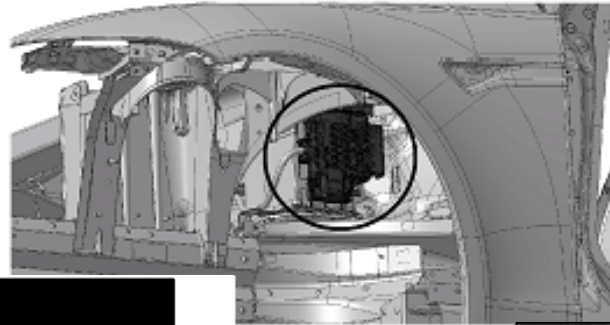
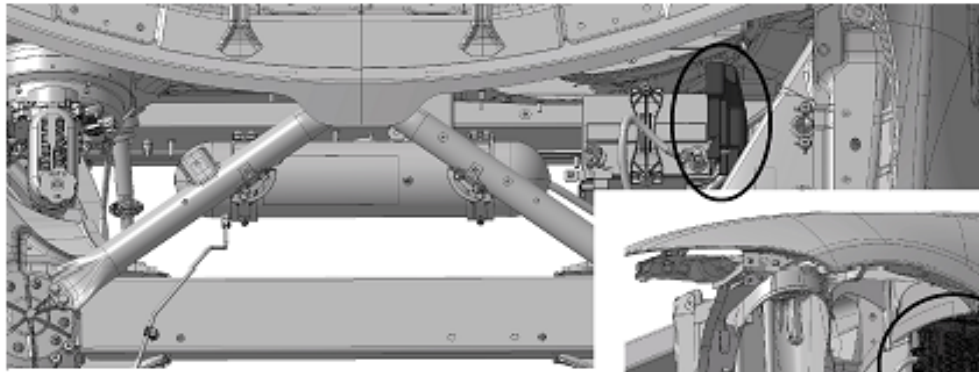
Des. Function	Option
F1 Wiper Park	ALL
F2 Radio, Vanity Lt, Rear View Mirror	ALL
F3 Seat Heater, Second Row Right	CW01
F4 Seat Heater Second Row Middle	CW01
F5 Seat Heater First Row Right	ALL
F6 not used	
F7 Electronic Park Brake (Redundant)	ALL
F8 Steering Wheel Controls	ALL
F9 Audio Amplifier	ALL
F10 Panoramic Sunroof Control	RFPO
F11 not used	
F12 Seat Heater Second Row Left	CW01
F13 Cabin HVAC Functions	ALL
F14 Seat Heater First Row Left	ALL
F15 not used	
F16 Electronic Park Brake, Primary	ALL
F17 Coolant Pump 2	ALL
F18 Premium Audio Amplifier	AU01
F19 not used	
F20 not used	
F21 Park Assist	PK01
F22 Thermal System Controls	ALL
F23 not used	DSS
F24 Coolant Pump 3	ALL
F25 Drive Inverter	ALL
F26 Coolant Pump 1	
F27 Airbag Module	ALL
K1 ACC Power Switch	ALL
K2 HVAC Power Switch	ALL



TESLA

PROJECT NAME: 2014 Model S Wiring: RHD	PHASE: SOP
SHEET NAME: "Cabin" Fusebox 1 Layout	
ITEM NO: XXXXXX-XX-X	REVISION: 1.0
DATE: 8/13/2014	
DO NOT SCALE DRAWING	SHEET 44.2

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Loc.	Description / Function	Type	Des.
F80	Power Steering	MIDI	X507
F81	Condenser Fans Master Fuse	MIDI	X508
F82	Air Suspension Compressor	MIDI	X509
F83	Jump Post	MIDI	X510
F84	ABS Motor	MIDI	X511
F85	Drive 12V Power Master Fuse	MIDI	X512
F86	ACC 12V Bus Master Fuse	MIDI	X513
F87	Permanent Power Group 1	MIDI	X514
F88	Permanent Power Group 2	MIDI	X515
F89	Permanent Power Group 3	MIDI	X516
F90	HVAC 12V Bus Master Fuse	MIDI	X517
F92	Contactor Power	MIDI	X503
F93	BDS: Contactor Power Cutoff	PSS1	X519
F94	Battery-DCDC Master Fuse	MEGA	X502



PROJECT NAME: 2014 Model S Wiring: RHD PHASE: SOP

SHEET NAME: Battery-Mounted Fusebox Layout

ITEM NO. XXXXXXXX-XX-X REVISION: 1.0 DATE: 7/2/2014

DO NOT SCALE

SHEET 44.4

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