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Wiring Information

Item	Wire Color	Polarity	Wire Location
12 Volts	white (125A)	+	dash fuse box, white 1 pin plug (2E), pin 1
Second 12 Volts	white (125A)	+	dash fuse box, white 1 pin plug (2E), pin 1
Ground	(chassis ground)		
Ignition	red	+	dash fuse box, white 40 pin plug (2C), pin 2
Second Ignition	black	+	dash fuse box, rear, white 40 pin plug (2B), pin 25
Accessory	green	+	dash fuse box, rear, white 56 pin plug (2A), pin 43
PTS 1	black	-	power start stop switch, black 14 pin plug, pin 7
PTS 2	yellow	-	power start stop switch, black 14 pin plug, pin 2
CAN Bus High	white	data	OBD-Data Link Connector, white 16 pin plug, pin 6
CAN Bus Low	yellow	data	OBD-Data Link Connector, white 16 pin plug, pin 14
OBD 12 Volts	red (7.5A)	+	OBD-Data Link Connector, white 16 pin plug, pin 16
OBD Ground	green	-	OBD-Data Link Connector, white 16 pin plug, pin 4
RX DATA	violet (BRX)	data	Body ECU on dash fuse box, white 30 pin plug, pin 4
TX DATA	green (BTX)	data	Body ECU on dash fuse box, white 30 pin plug, pin 16
IMMO Data	blue (IMO)	data	Power Management ECU behind glove box, gray 31 pin plug, pin 20
IMMO Data 2	red (IMI)	data	Power Management ECU behind glove box, gray 31 pin plug, pin 21
Security Light	black	+	Certification ECU behind glove box, white 36 pin plug, pin 2
Power Lock	lt. green (passenger door switch)	-	Body ECU on dash fuse box, white 30 pin plug, pin 9

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Item	Wire Color	Polarity	Wire Location
Power Unlock	brown (passenger door switch)	-	Body ECU on dash fuse box, white 30 pin plug, pin 10
Lock Motor	red	5 wire	driver kick, white 26 pin plug, pin 1
Driver Unlock Motor	black	5 wire	driver kick, white 26 pin plug, pin 15
Passenger Unlock Motor	violet	5 wire	dash fuse box, white 36 pin plug (2D), pin 11
Factory Alarm Arm	green (driver door key lock)	-	Body ECU on dash fuse box, white 30 pin plug, pin 11
Factory Alarm Disarm	violet (driver door key unlock)	double -	Body ECU on dash fuse box, white 30 pin plug, pin 24
Disarm No Unlock	(proximity key and push-button)		
Parking Lights	brown	+	dash fuse box, white 36 pin plug (2D), pin 18
Parking Lights -	yellow	-	Body ECU on dash fuse box, white 30 pin plug, pin 30
Hazards	yellow	-	Body ECU on dash fuse box, white 30 pin plug, pin 3
Turn Signal (Left)	yellow	+	dash fuse box, white 36 pin plug (2D), pin 17
Turn Signal (Right)	green	+	dash fuse box, white 36 pin plug (2D), pin 4
Headlight	blue	-	Body ECU on dash fuse box, white 30 pin plug, pin 29
AutoLights	white	cut	Body ECU on dash fuse box, white 30 pin plug, pin 28
Reverse Light	red	+	driver kick, white 64 pin plug, pin 29
Left Front Door Trigger	violet	-	dash fuse box, white 36 pin plug (2D), pin 35
Right Front Door Trigger	brown	-	dash fuse box, white 36 pin plug (2D), pin 36
Left Rear Door Trigger	green	-	Body ECU on dash fuse box, white 30 pin plug, pin 6
Right Rear Door Trigger	(same as left rear door trigger)		
Dome Light	blue	-	dash fuse box, rear, white 56 pin plug (2A), pin 52

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Item	Wire Color	Polarity	Wire Location
Trunk/Hatch Pin	blue or gray	-	Body ECU on dash fuse box, white 30 pin plug, pin 19
Trunk/Hatch Release	gray (rear handle switch)	-	driver kick, white 64 pin plug, pin 46
Trunk Release Motor	yellow	5 wire	dash fuse box, white 36 pin plug (2D), pin 9
Fuel Door Release	lt. green (Plug-in Hybrid)	-	fuel lid opener switch, black 5 pin plug, pin 4
Tachometer	(program engine checking off)		
Fuel Pump	red	+	driver kick, white 10 pin plug, pin 8
Rear Defroster	yellow	-	A/C Amplifier under front of center console, white 40 pin plug, pin 20
Mirror Defroster	(same as rear defroster)		
Left Front Heated Seat	beige (except Plug-in Hybrid)	+	seat heater switch, black 8 pin plug, pin 3
Right Front Heated Seat	gray (except Plug-in Hybrid)	+	seat heater switch, black 8 pin plug, pin 6
Speed Sense	violet	ac	radio, white 28 pin plug, pin 17
Brake Wire	blue	+	brake switch or driver kick, white 10 pin plug, pin 5
Parking Brake	red	-	dash fuse box, white 40 pin plug (2C), pin 20
Horn Trigger	lt. blue	-	dash fuse box, white 40 pin plug (2C), pin 24
Wipers	red (LO); white (HI); brown (ignition)	+	wiper switch, white 10 pin plug, pins 3, 4, 2
Left Front Window (Up/Down)	(motor is part of module)		
Right Front Window (Up/Down)	(motor is part of module)		
Left Rear Window (Up/Down)	(motor is part of module)		
Right Rear Window (Up/Down)	(motor is part of module)		
Sun Roof (Open/Close)	lt. blue - brown (function with ignition on only)	-	driver kick, white 64 pin plug, pins 51 - 52
Radio 12V	lt. blue	+	radio, white 10 pin plug, pin 4 or white 20 pin plug, pin 1
Radio Ground	brown	-	radio, white 10 pin plug, pin 7 or white 20 pin plug, pin 20

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Radio Ignition	gray	+	radio, white 10 pin plug, pin 3 or white 20 pin plug, pin 11
Radio Illumination	green (parking lights); white/black (dimmer)	+,-	radio, white 10 pin plug, pin 10; white 6 pin plug, pin 5
Power Antenna	beige	+	radio, white 10 pin plug, pin 8 or white 20 pin plug, pin 13
Left Front Speaker (+/-)	pink - violet	+,-	radio, white 10 pin plug, pins 2 - 6
Right Front Speaker (+/-)	lt. green - blue	+,-	radio, white 10 pin plug, pins 1 - 5
Left Rear Speaker (+/-)	black - yellow	+,-	radio, white 6 pin plug, pins 2 - 6
Right Rear Speaker (+/-)	red - white	+,-	radio, white 6 pin plug, pins 1 - 3
Aux. Audio Input Left (+/-)	red - white	+,-	radio, white 28 pin plug, pins 28 - 27
Aux. Audio Input Right (+/-)	black - white	+,-	radio, white 28 pin plug, pins 26 - 27
RSE Video (+/-)	red - black (rear view camera video)	+,-	radio, white 16 pin plug, pins 8 - 16
RSE Audio Left (+/-)	black - green (USB audio with navigation)	+,-	radio, white 12 pin plug, pins 4 - 5
RSE Audio Right (+/-)	red - white (USB audio with navigation)	+,-	radio, white 12 pin plug, pins 2 - 3
Satellite Radio 12 Volts	(built into radio)		



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What Fits

Item	Size	Depth	Location
Headunit	irregular		center of dash
Left Front Speaker	6 x 9 or 7 x 10		left front door
Left Front Tweeter	2.2 or 1		left front dash
Right Front Speaker	6 x 9 or 7 x 10		right front door
Right Front Tweeter	2.2 or 1		right front dash
Left Rear Speaker	6.3 or 7		left rear door
Left Rear Tweeter	1		left rear door
Right Rear Speaker	6.3 or 7		right rear door
Right Rear Tweeter	1		right rear door
Satellite Radio Tuner	(built into radio)		



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Additional Wiring Notes

Item	Note
Left Front Heated Seat	On Plug-in Hybrid models, it is green (5 wire) at the left seat heater switch, blue 6 pin plug, pin 1.
Left Front Speaker (+/-)	On models with amplifier, the speaker wires are pink - purple (woofer); pink - purple (tweeter) at the amplifier under passenger seat, white 30 pin plug, pins 8 - 23; 14 - 29.
Left Rear Speaker (+/-)	On models with amplifier, the speaker wires are black - yellow (woofer); black - yellow (tweeter) at the amplifier under passenger seat, white 30 pin plug, pins 11 - 26; 10 - 25.
Radio Illumination	On models with amplifier, they are at the radio, white 20 pin plug, pins 2, 12.
Right Front Heated Seat	On Plug-in Hybrid models, it is green (5 wire) at the right seat heater switch, white 10 pin plug, pin 4.
Right Front Speaker (+/-)	On models with amplifier, the speaker wires are lt. green - blue (woofer); lt. green - blue (tweeter) at the amplifier under passenger seat, white 30 pin plug, pins 15 - 30; 9 - 24.
Right Rear Speaker (+/-)	On models with amplifier, the speaker wires are red - white (woofer); red - white (tweeter) at the amplifier under passenger seat, white 30 pin plug, pins 12 - 27; 13 - 28.