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Wiring Information

Item	Wire Color	Polarity	Wire Location
12 Volts	White/Red (30A)	+	BCM behind glove box, 3 pin plug (C), pin 1 --or-- Driver Kick, door harness
Second 12 Volts	Brown/Red (7.5A)	+	Gateway Module on OBD-Data Link Connector, black 24 pin plug, pin 24
Ground	(chassis ground)		
Ground 2	Black/Blue	-	Gateway Module on OBD-Data Link Connector, black 24 pin plug, pin 14
Starter Kill	Brown/Green	+	Underhood Fuse Box, black 50 pin plug (A), pin 46
Ignition Sense	Green/Orange	+	BCM behind glove box, 3 pin plug (B), pin 3
PTS 1	Green/White	+	Start Stop Switch, black 6 pin plug, pin 1
PTS 2	Yellow/Orange	-	Start Stop Switch, black 6 pin plug, pin 6
CAN Bus High	Blue (HS1 CAN)	Data	Gateway Module on OBD-Data Link Connector, black 24 pin plug, pin 20
CAN Bus Low	White (HS1 CAN)	Data	Gateway Module on OBD-Data Link Connector, black 24 pin plug, pin 19
CAN Bus High 2	Gray/Orange (MS CAN)	Data	Gateway Module on OBD-Data Link Connector, black 24 pin plug, pin 23
CAN Bus Low 2	Violet/Orange (MS CAN)	Data	Gateway Module on OBD-Data Link Connector, black 24 pin plug, pin 22
CAN Bus High 3	Green/Orange (HS2 CAN)	Data	Gateway Module on OBD-Data Link Connector, black 24 pin plug, pin 18
CAN Bus Low 3	Gray/Blue (HS2 CAN)	Data	Gateway Module on OBD-Data Link Connector, black 24 pin plug, pin 17
OBD 12 Volts	Brown/Red (10A)	+	Gateway Module on OBD-Data Link Connector, black 24 pin plug, pin 13

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OBD Ground	Black/Blue	-	Gateway Module on OBD-Data Link Connector, black 24 pin plug, pin 1
OBD Connector	Black		Above Driver Kick
IMMO Antenna	(PATS Antenna under front cup holder rubber mat)		
Power Lock	Black	-	Driver Door Module, gray 24 pin plug, pin 20
Power Unlock	Black	-	Driver Door Module, gray 24 pin plug, pin 10
Lock Motor	Gray/Brown	Reverse	BCM behind glove box, gray 72 pin plug (F), pin 1 --or-- Driver Kick, door harness
Driver Unlock Motor	Blue/Green	Reverse	BCM behind glove box, gray 72 pin plug (F), pin 63 --or-- Driver Kick, door harness
Passenger Unlock Motor	Violet/Gray	Reverse	BCM behind glove box, gray 72 pin plug (F), pin 50
Factory Alarm Arm	(arms on lock with door open)		
Factory Alarm Disarm	(proximity key and push button)		
Parking Lights	Green/Orange (LF); Brown/Yellow (RF)	+	BCM behind glove box, black 50 pin plug (E), pin 14 (LF); pin 28 (RF)
Parking Lights 2	Violet/Green (LR); White/Orange (RR)	+	BCM behind glove box, gray 72 pin plug (F), pin 53 (LR); pin 48 (RR)
Parking Lights -	(LIN)		
Hazards	Brown/Yellow	-	BCM behind glove box, 72 pin plug (D), pin 12
Turn Signal (Left)	Blue/Green (LF); Gray/Orange (LR)	+	BCM behind glove box, black 50 pin plug (E), pin 3 (LF); gray 72 pin plug (F), pin 6 (LR)
Turn Signal (Right)	Yellow/Violet (RF); Green/Orange (RR)	+	BCM behind glove box, black 50 pin plug (E), pin 2 (RF); gray 72 pin plug (F), pin 65 (RR)
Headlight	Brown/Blue (L); Blue/Green (R)	+	BCM behind glove box, black 50 pin plug (E), pin 1 (L); pin 39 (R)
AutoLights	(open left front door trigger to turn off)		
Reverse Light	Green/Brown	+	BCM behind glove box, gray 72 pin plug (F), pin 66

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Item	Wire Color	Polarity	Wire Location
Left Front Door Trigger	Green/Violet	- N.C.	BCM behind glove box, gray 72 pin plug (F), pin 29 --or-- Driver Kick, door harness
Right Front Door Trigger	White	- N.C.	BCM behind glove box, gray 72 pin plug (F), pin 32
Left Rear Door Trigger	Green	- N.C.	BCM behind glove box, gray 72 pin plug (F), pin 33
Right Rear Door Trigger	Yellow	- N.C.	BCM behind glove box, gray 72 pin plug (F), pin 34
Dome Light	Gray/Violet	+	BCM behind glove box, gray 72 pin plug (F), pin 17
Trunk/Hatch Pin	Yellow/Orange	- N.C.	BCM behind glove box, gray 72 pin plug (F), pin 16
Hood Pin	Blue/Orange	- N.C.	BCM behind glove box, black 50 pin plug (E), pin 26
Trunk/Hatch Release	Gray/Yellow (rear handle switch) (with liftgate)	-	BCM behind glove box, gray 72 pin plug (F), pin 31
Trunk-Hatch Release2	Green/White (unlock) (with cargo doors)	-	BCM behind glove box, gray 72 pin plug (F), pin 10
Trunk Release Motor	Yellow/Violet	Reverse	Above Passenger Kick, black 59 pin plug, pin 56 - -or-- Passenger Kick, harness to rear
Tachometer	Green/Red (2.0L); Brown/Blue (2.5L)	AC	Camshaft Position Sensor, engine driver side top, black 3 pin plug, pin 3 (2.0L); pin 2 (2.5L)
Tachometer 2	Brown/Blue (1.5L Diesel)	AC	Camshaft Position Sensor, engine passenger side rear, black 3 pin plug, pin 2
Fuel Pump	Yellow	+	Above Passenger Kick, black 59 pin plug, pin 34 - -or-- Passenger Kick, harness to rear
Rear Defroster	Yellow/Orange	+ Latched	Above Passenger Kick, black 59 pin plug, pin 33 - -or-- Passenger Kick, harness to rear
Mirror Defroster	(MS CAN)		

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Item	Wire Color	Polarity	Wire Location
Wiper Deicer	Green (L); Green/White (R)	+ Latched	Underhood Fuse Box, black 50 pin plug (B), pin 47 (L); black 50 pin plug (A), pin 49 (R)
Left Front Heated Seat	(MS CAN)		
Right Front Heated Seat	(MS CAN)		
Speed Sense	Green/Brown (2.0L); Brown/Green (2.5L)	AC	PCM behind driver headlight, black 95 pin plug, pin 68 (2.0L); pin 26 (2.5L)
Speed Sense 2	Brown/Green (1.5L Diesel)	AC	TCM behind driver headlight, black 50 pin plug, pin 42 (1.5L Diesel)
Brake Wire	Violet/White	+	Brake Switch, white 4 pin plug, pin 4
Brake Wire 2	Violet/White (alternate location)	+	BCM behind glove box, 72 pin plug (D), pin 8
Parking Brake	White/Violet	-	BCM behind glove box, gray 72 pin plug (F), pin 30
Horn Trigger	Green/White	-	Horn Switch-Clock Spring, yellow 8 pin plug, pin 3
Horn Trigger 2	Green/White (alternate location)	-	BCM behind glove box, 72 pin plug (D), pin 26
Horn - Factory Alarm	(LIN, siren); Violet/Orange (horn)	+	BCM behind glove box, gray 72 pin plug (F), pin 64
Wipers	(LIN)		
Left Front Window (Up/Down)	Black - Black	A	Driver Door Module, gray 24 pin plug, pins 14 - 13
Right Front Window (Up/Down)	Black - Black	A	Passenger Door Module, gray 24 pin plug, pins 14 - 13
Left Rear Window (Up/Down)	Black - Black	A	Left Rear Door Module, gray 24 pin plug, pins 14 - 13
Right Rear Window (Up/Down)	Black - Black	A	Right Rear Door Module, gray 24 pin plug, pins 14 - 13
Sun Roof (Open/Close)	Violet/Brown - Yellow/orange (function with ignition on only)	-	Glass Roof Blind Switch, black 4 pin plug, pins 2 - 3
Radio 12V	White/Red	+	Radio, 32 pin plug (A), pin 1
Radio Ground	Black/White	-	Radio, 32 pin plug (A), pin 4

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Item	Wire Color	Polarity	Wire Location
Radio Ignition	White/Blue (delayed accessory)	+	BCM behind glove box, gray 72 pin plug (F), pin 2 --or-- Driver Kick, door harness
Left Front Speaker (+/-)	Blue - Gray/Brown	+,-	Radio, 32 pin plug (A), pins 8 - 7
Right Front Speaker (+/-)	Yellow/Orange - Green/Brown	+,-	Radio, 32 pin plug (A), pins 3 - 2
Left Rear Speaker (+/-)	Gray/Violet - Brown/Green	+,-	Radio, 32 pin plug (A), pins 6 - 5
Right Rear Speaker (+/-)	Green/Violet - Gray	+,-	Radio, 32 pin plug (A), pins 10 - 9
Center Channel (+/-)	Green - Gray/Yellow	+,-	Radio, 32 pin plug (A), pins 13 - 24
Aux. Audio Input Left (+/-)	Blue - Gray/Orange (SYNC audio)	+,-	Radio, 32 pin plug (B), pins 20 - 31
Aux. Audio Input Right (+/-)	Violet/Green - Brown/White (SYNC audio)	+,-	Radio, 32 pin plug (B), pins 21 - 32
Rearview Camera Video	White/Green - Blue/Gray	+,-	Radio, 32 pin plug (A), pins 14 - 25 (w/o SYNC); SYNC Module below radio, black 54 pin plug, pins 14 - 15 (SYNC)
RSE Audio Left (+/-)	Blue/Gray - Violet/Brown (CD audio)	+,-	Radio, 32 pin plug (A), pins 16 - 27
RSE Audio Right (+/-)	Green/White - White/Brown (CD audio)	+,-	Radio, 32 pin plug (A), pins 17 - 28



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What Fits

Item	Size	Depth	Location
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Additional Wiring Notes

Item	Note
PTS 1	Also found at the BCM behind glove box, 72 pin plug (D), pin 21.
PTS 2	Also found at the BCM behind glove box, 72 pin plug (D), pin 61.