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### Wiring Information

Item	Wire Color	Polarity	Wire Location
12 Volts	Yellow/Red (60A)	+	Driver Kick, 70 pin plug, pin 32
Second 12 Volts	Gray/Red (7.5A)	+	Gateway Module on OBD-Data Link Connector, black 24 pin plug, pin 24
Ground	(chassis ground)		
Ground 2	Black	-	Gateway Module on OBD-Data Link Connector, black 24 pin plug, pin 14
Starter Kill	Brown/Green	+	Underhood Fuse Box
Starter	Blue/White	+	Ignition Switch, black 7 pin plug, pin 7
Ignition	White/Orange	+	Ignition Switch, black 7 pin plug, pin 1
Accessory	Violet/Green	+	Ignition Switch, black 7 pin plug, pin 6
Keysense	Blue/Gray	+	Key Switch, 2 pin plug, pin 2
CAN Bus High	White/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	Yellow/Red (20A)	+	Gateway Module on OBD-Data Link Connector, black 24 pin plug, pin 13

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Item	Wire Color	Polarity	Wire Location
OBD Ground	Black/White	-	Gateway Module on OBD-Data Link Connector, black 24 pin plug, pin 1
OBD Connector	Black		Under Driver Dash, Near Hood Release
IMMO Data	Blue/White (LIN)	Data	PATS Transceiver on ignition switch, black 4 pin plug, pin 3
Power Lock	Gray/Yellow	-	BCM behind glove box, white 72 pin plug (F), pin 25 --or-- Driver Kick, door harness
Power Unlock	Blue/Orange	-	BCM behind glove box, white 72 pin plug (F), pin 20 --or-- Driver Kick, door harness
Lock Motor	Gray/Brown	Reverse	BCM behind glove box, white 72 pin plug (F), pin 1 --or-- Driver Kick, door harness
Driver Unlock Motor	Blue/Green	Reverse	BCM behind glove box, white 72 pin plug (F), pin 63 --or-- Driver Kick, door harness
Passenger Unlock Motor	Brown/Green	Reverse	BCM behind glove box, white 72 pin plug (F), pin 11 --or-- Driver Running Board, harness going under driver seat
Factory Alarm Arm	(arms on lock with door open)		
Factory Alarm Disarm	(transponder and ignition)		
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, white 72 pin plug (F), pin 53 (LR); pin 48 (RR)
Parking Lights -	Gray	-	Headlight Switch, black 16 pin plug, pin 11
Parking Lights Interrupt	Black/Gray	Cut	Headlight Switch, black 16 pin plug, pin 4
Hazards	Brown/Yellow	-	Hazard Switch, black 3 pin plug, pin 3
Hazards 2	Brown/Yellow (alternate location)	-	BCM behind glove box, white 72 pin plug (D), pin 12

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Item	Wire Color	Polarity	Wire Location
Turn Signal (Left)	Blue/Green (LF); Gray/Orange (LR)	+	BCM behind glove box, black 50 pin plug (E), pin 3 (LF); white 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); white 72 pin plug (F), pin 65 (RR)
Headlight	Yellow/Blue	-	Headlight Switch, black 16 pin plug, pin 12
AutoLights	Violet/Green	Cut	Headlight Switch, black 16 pin plug, pin 13
Reverse Light	Green/Brown	+	BCM behind glove box, white 72 pin plug (F), pin 66
Left Front Door Trigger	Green/Violet	- N.C.	BCM behind glove box, white 72 pin plug (F), pin 29 --or-- Driver Kick, door harness
Right Front Door Trigger	White	- N.C.	BCM behind glove box, white 72 pin plug (F), pin 32
Left Rear Door Trigger	Green	- N.C.	BCM behind glove box, white 72 pin plug (F), pin 33
Right Rear Door Trigger	Yellow	- N.C.	BCM behind glove box, white 72 pin plug (F), pin 34
Dome Light	Gray/Violet	+	BCM behind glove box, white 72 pin plug (F), pin 17
Trunk/Hatch Pin	Yellow/Orange	- N.C.	BCM behind glove box, white 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)	-	BCM behind glove box, white 72 pin plug (F), pin 31 --or-- Driver Running Board, harness going under driver seat
Trunk Release Motor	Green/White	Reverse	BCM behind glove box, white 72 pin plug (F), pin 10 --or-- Driver Running Board, harness going under driver seat
Fuel Door Release	(locks/unlocks with driver door)		

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Item	Wire Color	Polarity	Wire Location
Tachometer	Yellow/Violet (1.0L)	AC	Camshaft Position Sensor, engine passenger side, black 3 pin plug, pin 2
Tachometer 2	Brown/Blue or Green/Violet (2.0L)	AC	Camshaft Position Sensor, engine driver side, gray 3 pin plug, pin 3
Fuel Pump	Violet/Green	+	Driver Firewall, 70 pin plug, pin 40
Rear Defroster	Blue/Gray	- Latched	Driver Kick, 70 pin plug, pin 4
Mirror Defroster	(same as rear defroster)		
Wiper Deicer	White/Brown	- Latched	Driver Kick, 70 pin plug, pin 53
Left Front Heated Seat	Yellow/Blue	Reverse	HVAC Module, black 30 pin plug, pin 16
Right Front Heated Seat	Gray/Blue	Reverse	HVAC Module, black 30 pin plug, pin 17
Heated Steering Wheel	(MS CAN)		
Speed Sense	Yellow/Orange	AC	PCM on engine driver side, black 95 pin plug, pin 12
Speed Sense 2	Violet/Orange (with moonroof)	AC	BCM behind glove box, white 72 pin plug (F), pin 60
Brake Wire	Violet/White	+	Brake Switch, white 4 pin plug, pin 4
Brake Wire 2	Violet/White (alternate location)	+	BCM behind glove box, white 72 pin plug (D), pin 8
Parking Brake	White/Violet	-	BCM behind glove box, white 72 pin plug (F), pin 30 --or-- Parking Brake Switch
Horn Trigger	Green/White	-	Steering Column Module, gray 18 pin plug, pin 9
Horn Trigger 2	Violet/Green (alternate location)	-	BCM behind glove box, black 50 pin plug (E), pin 18
Wipers	(LIN)		
Left Front Window (Up/Down)	Blue - Green	A	Driver Door Window Switch, gray 4 pin plug, pins 1 - 3
Right Front Window (Up/Down)	White/Orange - Violet	A	Passenger Door Window Switch, green 8 pin plug, pins 4 - 8

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Item	Wire Color	Polarity	Wire Location
Left Rear Window (Up/Down)	Green/Violet - Brown	A	Left Rear Door Window Switch, green 8 pin plug, pins 8 - 4
Right Rear Window (Up/Down)	White/Violet - Gray	A	Right Rear Door Window Switch, green 8 pin plug, pins 8 - 4
Sun Roof (Open/Close)	Violet/Brown - Yellow/Orange (function with ignition on only)	-	Roof Opening Panel Switch, black 4 pin plug, pins 3 - 2
Radio 12V	White/Red	+	Radio, 32 pin plug (A), pin 1
Radio Ground	Black/White	-	Radio, 32 pin plug (A), pin 4
Radio Ignition	Yellow/Orange (delayed accessory)	+	BCM behind glove box, gray 3 pin plug (C), pin 3 -or-- Driver Kick, door harness
Factory Amp Turn-on	Yellow/Violet	+	Radio, 32 pin plug (B), pin 23
Left Front Speaker (+/-)	White - White/Brown	+,-	Radio, 32 pin plug (A), pins 8 - 7
Right Front Speaker (+/-)	White/Violet - White/Orange	+,-	Radio, 32 pin plug (A), pins 3 - 2
Left Rear Speaker (+/-)	White/Red - Brown/Yellow	+,-	Radio, 32 pin plug (A), pins 6 - 5
Right Rear Speaker (+/-)	Brown/White - Brown/Blue	+,-	Radio, 32 pin plug (A), pins 10 - 9
Center Channel (+/-)	Green - Gray/Yellow	+,-	Radio, 32 pin plug (A), pins 13 - 24
Left Front Speaker - With Amp	White - White/Brown	+,-	Amplifier under rear passenger seat, black 20 pin plug, pins 17 - 7
Right Front Speaker - With Amp	White/Violet - White/Orange	+,-	Amplifier under rear passenger seat, black 20 pin plug, pins 16 - 6
Left Front Tweeter - With Amp	(powered by radio)		
Right Front Tweeter - With Amp	(powered by radio)		
Left Rear Speaker - With Amp	White/Red - Brown/Yellow	+,-	Amplifier under rear passenger seat, black 20 pin plug, pins 20 - 10
Right Rear Speaker - With Amp	Green/White - Gray/Blue	+,-	Amplifier under rear passenger seat, black 20 pin plug, pins 18 - 8
Center Channel - With Amp	(powered by radio)		

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Item	Wire Color	Polarity	Wire Location
Subwoofer - With Amp	Violet - Yellow (coil 1); White/Brown - Violet/Orange (coil 2)	+,-	Amplifier under rear passenger seat, black 20 pin plug, pins 15 - 5 (coil 1); pins 19 - 9 (coil 2)
Aux. Audio Input Left (+/-)	Blue - Gray/Orange (SYNC audio); Blue/Gray - Violet/Brown (CD audio)	+,-	Radio, 32 pin plug (B), pins 20 - 31 (SYNC); Radio, 32 pin plug (A), pins 16 - 27 (CD)
Aux. Audio Input Right (+/-)	Violet/Green - Brown/White (SYNC audio); Green/White - White/Brown (CD audio)	+,-	Radio, 32 pin plug (B), pins 21 - 32 (SYNC); Radio, 32 pin plug (A), pins 17 - 28 (CD)
Rearview Camera Video	White/Green - Brown/Violet	+,-	Passenger Kick, 59 pin plug, pins 54 - 55



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***What Fits***

Item	Size	Depth	Location
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### ***Additional Wiring Notes***

<b>Item</b>	<b>Note</b>
12 Volts	Can also use violet/red (+) (30A) at the BCM behind glove box, black 3 pin plug (B), pin 1.
Accessory	Also found violet/green (+) at the BCM behind glove box, white 72 pin plug (D), pin 35.
Ignition	Also found white/orange (+) at the BCM behind glove box, white 72 pin plug (D), pin 34.
Keysense	Also found blue/gray (+) at the BCM behind glove box, white 72 pin plug (D), pin 22.
Parking Lights -	See Tech Doc 1096
Starter	Also found blue/white (+) at the BCM behind glove box, white 72 pin plug (D), pin 4.