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### Wiring Information

Item	Wire Color	Polarity	Wire Location
12 Volts	Red (10A)	+	Ignition Switch, black 6 pin plug, pins 1, 5
Second 12 Volts	Black (50A)	+	ICU Junction Block-Dash Fuse Box, white 46 pin plug (B), pin 1
Ground	(chassis ground)		
Starter	Blue/Black	+	Ignition Switch, black 6 pin plug, pin 3
Ignition	Blue/Black	+	Ignition Switch, black 6 pin plug, pin 4
Accessory	Yellow	+	Ignition Switch, black 6 pin plug, pin 2
Second Accessory	Brown	+	Ignition Switch, black 6 pin plug, pin 6
Ignition Interrupt	Gray	Cut	ICU Junction Block-Dash Fuse Box, rear, blue 58 pin plug (D), pin 25
Accessory Interrupt	Pink	Cut	ICU Junction Block-Dash Fuse Box, rear, blue 58 pin plug (D), pin 22
Keysense	Pink/Black	-	Key Switch, white 6 pin plug, pin 4
CAN Bus High	White (D-CAN)	Data	ICU Junction Block-Dash Fuse Box, rear, black 32 pin plug (E), pin 7
CAN Bus Low	Brown (D-CAN)	Data	ICU Junction Block-Dash Fuse Box, rear, black 32 pin plug (E), pin 6
CAN Bus High 2	Brown (B-CAN)	Data	ICU Junction Block-Dash Fuse Box, rear, black 32 pin plug (E), pin 5
CAN Bus Low 2	White (B-CAN)	Data	ICU Junction Block-Dash Fuse Box, rear, black 32 pin plug (E), pin 4
CAN Bus High 3	White (D-CAN)	Data	OBD-Data Link Connector, black 16 pin plug, pin 6
CAN Bus Low 3	Brown (D-CAN)	Data	OBD-Data Link Connector, black 16 pin plug, pin 14
CAN Bus High 4	Brown (B-CAN)	Data	Driver Kick, red 74 pin plug (MF11), pin 63
CAN Bus Low 4	White (B-CAN)	Data	Driver Kick, red 74 pin plug (MF11), pin 64
OBD 12 Volts	Red (10A)	+	OBD-Data Link Connector, black 16 pin plug, pin 16

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Item	Wire Color	Polarity	Wire Location
OBD Ground	Black	-	OBD-Data Link Connector, black 16 pin plug, pin 4
OBD Ignition	Gray/Orange	+	OBD-Data Link Connector, black 16 pin plug, pin 3
OBD Connector	Black		Under Driver Dash, Below Fuse Panel
IMMO Data	White/Orange	Data	Driver Kick, gray 54 pin plug (EM11), pin 20
Power Lock	Orange	-	ICU Junction Block-Dash Fuse Box, white 32 pin plug (C), pin 26
Power Unlock	Yellow	-	ICU Junction Block-Dash Fuse Box, white 32 pin plug (C), pin 25
Lock Motor	Brown	Reverse	ICU Junction Block-Dash Fuse Box, white 58 pin plug (A), pin 40
Driver Unlock Motor	Orange	Reverse	ICU Junction Block-Dash Fuse Box, white 58 pin plug (A), pin 6
Passenger Unlock Motor	Gray	Reverse	ICU Junction Block-Dash Fuse Box, white 58 pin plug (A), pin 11
Factory Alarm Arm	(factory remote only)		
Factory Alarm Disarm	(transponder and ignition)		
Lock Detection	Brown	Open	ICU Junction Block-Dash Fuse Box, white 32 pin plug (C), pin 23
Unlock Detection	(same as lock detection)	-	
Parking Lights	White/Black (LF); Brown (RF)	+	ICU Junction Block-Dash Fuse Box, white 46 pin plug (B), pin 11 (LF); pin 42 (RF)
Parking Lights 2	Orange/Black (LR); Gray/Black (RR)	+	ICU Junction Block-Dash Fuse Box, white 58 pin plug (A), pin 36 (LR); pin 13 (RR)
Parking Lights -	Blue	- 5580 Ohms	Headlight-Wiper Switch, white 16 pin plug, pin 10
Parking Lights MUX	Blue	MUX	Headlight-Wiper Switch, white 16 pin plug, pin 10
Hazards	Brown	-	ICU Junction Block-Dash Fuse Box, rear, black 32 pin plug (E), pin 22
Hazards 2	Brown (alternate location)	-	Hazard Switch, white 6 pin plug, pin 1

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Item	Wire Color	Polarity	Wire Location
Turn Signal (Left)	Yellow (LF); Green/Orange (LR)	+	ICU Junction Block-Dash Fuse Box, white 46 pin plug (B), pin 22 (LF); white 58 pin plug (A), pin 14 (LR)
Turn Signal (Right)	White (RF); Blue/Orange (RR)	+	ICU Junction Block-Dash Fuse Box, white 46 pin plug (B), pin 23 (RF); white 58 pin plug (A), pin 24 (RR)
Headlight	Blue/Orange	-	Headlight-Wiper Switch, white 16 pin plug, pin 2
AutoLights	Blue	- 680 Ohms (Off)	Headlight-Wiper Switch, white 16 pin plug, pin 10
Reverse Light	Red/Black	+	ICU Junction Block-Dash Fuse Box, white 58 pin plug (A), pin 16
Left Front Door Trigger	Yellow/Orange	-	ICU Junction Block-Dash Fuse Box, white 32 pin plug (C), pin 14
Right Front Door Trigger	White	-	ICU Junction Block-Dash Fuse Box, white 32 pin plug (C), pin 32
Left Rear Door Trigger	Red	-	ICU Junction Block-Dash Fuse Box, white 32 pin plug (C), pin 28
Right Rear Door Trigger	Yellow	-	ICU Junction Block-Dash Fuse Box, white 32 pin plug (C), pin 27
Dome Light	Brown	-	ICU Junction Block-Dash Fuse Box, rear, black 32 pin plug (E), pin 30
Trunk/Hatch Pin	White	-	ICU Junction Block-Dash Fuse Box, white 32 pin plug (C), pin 29
Hood Pin	Pink/Black	-	ICU Junction Block-Dash Fuse Box, white 46 pin plug (B), pin 24
Power Liftgate	Green/Black	-	Power Liftgate Switch, white 16 pin plug, pin 7
Power Liftgate 2	Green/Black (alternate location)	-	Driver Kick, red 74 pin plug (MF11), pin 71
Trunk/Hatch Release	Gray (rear handle switch)	-	ICU Junction Block-Dash Fuse Box, white 32 pin plug (C), pin 24
Trunk Release Motor	Red/Black (w/o power liftgate)	+	ICU Junction Block-Dash Fuse Box, white 58 pin plug (A), pin 9
Fuel Door Release	(locks-unlocks with driver door)		

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Item	Wire Color	Polarity	Wire Location
Tachometer	Brown	AC	Camshaft Position Sensor, engine driver side front, black 3 pin plug, pin 1
Fuel Pump	Orange	+	Driver Kick, white 51 pin plug (EF11), pin 13
Rear Defroster	Green/Orange	- Latched	ICU Junction Block-Dash Fuse Box, white 46 pin plug (B), pin 36
Mirror Defroster	(same as rear defroster)		
Left Front Heated Seat	Green/White (w/o SBW) (w/o ventilation); (LIN with ventilation)	-	Console Switch, white 16 pin plug, pin 6
Right Front Heated Seat	Blue/White (w/o SBW) (w/o ventilation); (LIN with ventilation)	-	Console Switch, white 16 pin plug, pin 7
Left Front Heated Seat 2	Red/White (SBW) (w/o ventilation); (LIN with ventilation)	-	Console Switch, white 32 pin plug, pin 20
Right Front Heated Seat 2	Brown/Black (SBW) (w/o ventilation); (LIN with ventilation)	-	Console Switch, white 32 pin plug, pin 24
Heated Steering Wheel	Black/White (w/o SBW); Violet (SBW)	-	Console Switch, white 16 pin plug, pin 4 (w/o SBW); white 32 pin plug, pin 10 (SBW)
Speed Sense	Brown/Orange	AC	Radio, white 38 pin plug, pin 38
Brake Wire	Green/Black	+	Brake Switch, black 6 pin plug, pin 5
Brake Wire 2	Green/Black (alternate location)	+	Driver Kick, gray 54 pin plug (EM11), pin 34
Parking Brake	(electric parking brake)		
Horn Trigger	Gray/Orange	-	Horn Switch-Clock Spring, white 14 pin plug, pin 8
Horn Trigger 2	Gray/Orange (alternate location)	-	Driver Kick, gray 54 pin plug (EM11), pin 7
Horn - Factory Alarm	White	-	ICU Junction Block-Dash Fuse Box, rear, black 32 pin plug (E), pin 31
Wipers	Orange/Black	+	Passenger Kick, blue 54 pin plug (EM21), pin 32
Left Front Window (Up/Down)	Yellow - Orange (auto down); (auto up-down, motor is part of module)	A	Power Window Main Switch, white 18 pin plug, pins 9 - 7
Right Front Window (Up/Down)	Brown - White (w/o auto); (with auto, motor is part of module)	A	Driver Kick, door harness
Left Rear Window (Up/Down)	Blue - Orange	A	Driver Kick, door harness
Right Rear Window (Up/Down)	Pink - Gray	A	Driver Kick, door harness

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Item	Wire Color	Polarity	Wire Location
Sun Roof (Open/Close)	White - Blue (function with ignition on only)	-	Sunroof Switch, white 6 pin plug, pins 4 - 5
Sun Roof (Limit/Close)	Orange (tilt) (functions with ignition on only)	-	Sunroof Switch, white 6 pin plug, pin 6
Memory Seat 1	Orange	- 1500 Ohms	Driver Kick, door harness
Memory Seat 2	(same as memory seat 1)	- 3300 Ohms	
Radio 12V	Red	+	Radio, gray 35 pin plug, pins 10, 11
Radio Ground	Black	-	Radio, gray 35 pin plug, pins 12, 13
Radio Ignition	White	+	Radio, gray 35 pin plug, pin 22
Radio Illumination	Pink (parking lights); Gray (dimmer)	+,-	Radio, gray 35 pin plug, pin 6 (parking lights); pin 19 (dimmer)
Factory Amp Turn-on	(M-CAN) (audio is SPDIF)		
Left Front Speaker (+/-)	Brown - White	+,-	Radio, white 38 pin plug, pins 13 - 14
Right Front Speaker (+/-)	Red - Blue	+,-	Radio, white 38 pin plug, pins 16 - 15
Left Rear Speaker (+/-)	Yellow - Black	+,-	Radio, white 38 pin plug, pins 1 - 2
Right Rear Speaker (+/-)	Green - Orange	+,-	Radio, white 38 pin plug, pins 28 - 27
Left Front Speaker - With Amp	Brown - White	+,-	Amplifier under driver seat, green 28 pin plug, pins 2 - 17
Right Front Speaker - With Amp	Red - Blue	+,-	Amplifier under driver seat, green 28 pin plug, pins 1 - 16
Left Rear Speaker - With Amp	Yellow - Black	+,-	Amplifier under driver seat, green 28 pin plug, pins 13 - 26
Right Rear Speaker - With Amp	Green - Red	+,-	Amplifier under driver seat, green 28 pin plug, pins 12 - 25
Center Channel - With Amp	Pink - Yellow	+,-	Amplifier under driver seat, green 28 pin plug, pins 14 - 27
Subwoofer - With Amp	Blue - Red	+,-	Amplifier under driver seat, green 28 pin plug, pins 3 - 18
Rearview Camera Video	Red - Black (rear view); (COAX, surround view)	+,-	Radio, white 38 pin plug, pins 7 - 21 (rear view)

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***What Fits***

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

Item	Note
Accessory Interrupt	Only required to retain OEM remote functionality during remote start runtime.
Ignition Interrupt	Only required to retain OEM remote functionality during remote start runtime.