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Wiring Information

Item	Wire Color	Polarity	Wire Location
12 Volts	Red (50A)	+	ICU Junction Block-Dash Fuse Box, white 4 pin plug (B), pin 4
Ground	(chassis ground)		
Starter	Red	+	Driver Kick, red 54 pin plug (EM11), pin 34
Ignition	Yellow	+	ICU Junction Block-Dash Fuse Box, white 47 pin plug (A), pin 31
Accessory	Blue	+	ICU Junction Block-Dash Fuse Box, white 47 pin plug (A), pin 26
Second Accessory	Orange/Black	+	ICU Junction Block-Dash Fuse Box, white 47 pin plug (A), pin 40
Ignition Interrupt	Gray/Orange	Cut	ICU Junction Block-Dash Fuse Box, rear, white 47 pin plug (G), pin 1
PTS 1	Gray/Black	-	Start Stop Button Switch, white 10 pin plug, pin 1
PTS 2	Yellow	-	Start Stop Button switch, white 10 pin plug, pin 7
CAN Bus High	White (D-CAN)	Data	OBD-Data Link Connector, black 16 pin plug, pin 6
CAN Bus Low	Brown (D-CAN)	Data	OBD-Data Link Connector, black 16 pin plug, pin 14
CAN Bus High 2	Red (B-CAN)	Data	ICU Junction Block-Dash Fuse Box, rear, black 32 pin plug (F), pin 32
CAN Bus Low 2	Blue (B-CAN)	Data	ICU Junction Block-Dash Fuse Box, rear, black 32 pin plug (F), pin 31
CAN Bus High 3	White (P-CAN)	Data	ICU Junction Block-Dash Fuse Box, rear, black 32 pin plug (F), pin 22
CAN Bus Low 3	Gray (P-CAN)	Data	ICU Junction Block-Dash Fuse Box, rear, black 32 pin plug (F), pin 23
OBD 12 Volts	Green (20A)	+	OBD-Data Link Connector, black 16 pin plug, pin 16
OBD Ground	Black	-	OBD-Data Link Connector, black 16 pin plug, pin 4





Item	Wire Color	Polarity	Wire Location
OBD Ignition	Pink	+	OBD-Data Link Connector, black 16 pin plug, pin 3
OBD Connector	Black		Under Driver Dash, Below Fuse Panel Cover
IMMO Data	White/Orange or Black	Data	Driver Kick, red 54 pin plug (EM11), pin 40
Security Light	(P-CAN)		
Power Lock	White/Black (passenger switch)	-	ICU Junction Block-Dash Fuse Box, red 40 pin plug (D), pin 35
Power Unlock	Blue/Orange (passenger switch)	-	ICU Junction Block-Dash Fuse Box, red 40 pin plug (D), pin 27
Lock Motor	Orange	Reverse	ICU Junction Block-Dash Fuse Box, blue 58 pin plug (C), pin 20
Driver Unlock Motor	Blue	Reverse	ICU Junction Block-Dash Fuse Box, blue 58 pin plug (C), pin 30
Passenger Unlock Motor	Red	Reverse	ICU Junction Block-Dash Fuse Box, blue 58 pin plug (C), pin 58
Factory Alarm Arm	(factory remote only)		
Factory Alarm Disarm	(proximity key and push button)		
Parking Lights	White/Black (LF); Brown (RF)	+	ICU Junction Block-Dash Fuse Box, white 47 pin plug (A), pin 7 (LF); pin 6 (RF)
Parking Lights 2	Green/Black (LR); Yellow/Black (RR)	+	ICU Junction Block-Dash Fuse Box, blue 58 pin plug (C), pin 33 (LR); pin 43 (RR)
Parking Lights -	Yellow	- 1680 Ohms	Headlight-Wiper Switch, black 16 pin plug, pin 14
Parking Lights MUX	Yellow	MUX	Headlight-Wiper Switch, black 16 pin plug, pin 14
Hazards	Pink	-	ICU Junction Block-Dash Fuse Box, rear, black 32 pin plug (F), pin 7
Turn Signal (Left)	Red (LF); Gray (LR)	+	ICU Junction Block-Dash Fuse Box, white 47 pin plug (A), pin 39 (LF); blue 58 pin plug (C), pin 28 (LR)
Turn Signal (Right)	White or Red (RF); White/Black (RR)	+	ICU Junction Block-Dash Fuse Box, white 47 pin plug (A), pin 38 (RF); blue 58 pin plug (C), pin 37 (RR)





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Headlight	Blue/Orange	-	Headlight-Wiper Switch, black 16 pin plug, pin 15
AutoLights	Yellow	Cut	Headlight-Wiper Switch, black 16 pin plug, pin 14
Reverse Light	Red/Black	+	ICU Junction Block-Dash Fuse Box, blue 58 pin plug (C), pin 6
Left Front Door Trigger	Gray/Black	-	ICU Junction Block-Dash Fuse Box, red 40 pin plug (D), pin 31
Right Front Door Trigger	Yellow/Black	-	ICU Junction Block-Dash Fuse Box, red 40 pin plug (D), pin 32
Left Rear Door Trigger	White/Black	-	ICU Junction Block-Dash Fuse Box, red 40 pin plug (D), pin 20
Right Rear Door Trigger	Brown/Black	-	ICU Junction Block-Dash Fuse Box, red 40 pin plug (D), pin 19
Dome Light	Brown	-	ICU Junction Block-Dash Fuse Box, rear, black 32 pin plug (F), pin 21
Trunk/Hatch Pin	Brown	-	ICU Junction Block-Dash Fuse Box, red 40 pin plug (D), pin 14
Hood Pin	Pink	-	ICU Junction Block-Dash Fuse Box, white 47 pin plug (A), pin 46
Power Liftgate	Green	-	Power Liftgate Switch, black 16 pin plug, pin 5 or Driver Kick, white 74 pin plug (MF11), pin 30
Trunk/Hatch Release	Gray/Black (rear handle switch)	-	ICU Junction Block-Dash Fuse Box, red 40 pin plug (D), pin 28
Trunk Release Motor	Blue	+	ICU Junction Block-Dash Fuse Box, blue 58 pin plug (C), pin 32
Fuel Door Release	(locks/unlocks along with driver door)		
Tachometer	Yellow/Orange	AC	Driver Kick, red 54 pin plug (EM11), pin 3
Fuel Pump	Red	+	Driver Kick, blue 31 pin plug (EF11), pin 1
Rear Defroster	Green/Orange	- Latched	ICU Junction Block-Dash Fuse Box, white 47 pin plug (A), pin 21
Mirror Defroster	(same as rear defroster)		
Left Front Heated Seat	Brown	-	Seat Heater Switch, white 24 pin plug, pin 2





Item	Wire Color	Polarity	Wire Location
Right Front Heated Seat	Gray	-	Seat Heater Switch, white 24 pin plug, pin 14
Heated Steering Wheel	Green	-	Steering Wheel Heater Switch, white 24 pin plug, pin 9
Speed Sense	Brown	AC	Radio, white 35 pin plug, pin 18 (w/o navigation); white 38 pin plug, pin 38 (with navigation)
Brake Wire	Green/Black	+	Brake Switch, black 6 pin plug, pin 5or Driver Kick, red 54 pin plug (EM11), pin 48
Parking Brake	Gray/Orange (w/o electric parking brake)	-	ICU Junction Block-Dash Fuse Box, white 47 pin plug (A), pin 44
Horn Trigger	White/Black	-	Horn Switch-Clock Spring, white 14 pin plug, pin 8or Driver Kick, red 54 pin plug (EM11), pin 4
Horn - Factory Alarm	White	-	ICU Junction Block-Dash Fuse Box, white 47 pin plug (A), pin 10
Wipers	Orange/Black	+	Driver Kick, red 54 pin plug (EM11), pin 24
Left Front Window (Up/Down)	(motor is part of module)		
Right Front Window (Up/Down)	Green - Blue (w/o auto); (with auto, motor is part of module)	A	Passenger Power Window Switch, white 12 pin plug, pins 5 - 3
Left Rear Window (Up/Down)	Pink - Brown	A	Left Rear Power Window Switch, white 12 pin plug, pins 5 - 3
Right Rear Window (Up/Down)	Pink - Brown	A	Right Rear Power Window Switch, white 12 pin plug, pins 5 - 3
Sun Roof (Open/Close)	Black - Yellow/Orange (function with ignition on only)	-	Driver Kick, white 74 pin plug (MF11), pins 18 - 7
Memory Seat 1	Red	- Resistor	Driver Memory Switch, black 6 pin plug, pin 3
Memory Seat 2	(same as memory seat 1)	- Resistor	
Radio 12V	Red	+	Radio, white 35 pin plug, pin 10
Radio Ground	Black	-	Radio, white 35 pin plug, pin 13
Radio Ignition	White (w/o Idle Stop/Go); Pink (with Idle Stop/Go)	+	Radio, white 35 pin plug, pin 22

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Item	Wire Color	Polarity	Wire Location
Radio Illumination	Red (parking lights); Blue (dimmer)	+,-	Radio, white 35 pin plug, pin 6 (parking lights); pin 19 (dimmer)
Factory Amp Turn-on	(M-CAN)		
Power Antenna	Gray/Black	+	Radio, white 35 pin plug, pin 5
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 passenger seat, black 28 pin plug, pins 4 - 19
Right Front Speaker - With Amp	Red - Blue	+,-	Amplifier under passenger seat, black 28 pin plug, pins 3 - 18
Left Front Tweeter - With Amp	Black - White	+,-	Amplifier under passenger seat, white 28 pin plug, pins 13 - 26
Right Front Tweeter - With Amp	Orange - Blue	+,-	Amplifier under passenger seat, white 28 pin plug, pins 12 - 25
Left Rear Speaker - With Amp	Yellow - Black	+,-	Amplifier under passenger seat, black 28 pin plug, pins 13 - 26
Right Rear Speaker - With Amp	Green - Orange	+,-	Amplifier under passenger seat, black 28 pin plug, pins 12 - 25
Left Rear Surround - With Amp	White - Brown	+,-	Amplifier under passenger seat, black 28 pin plug, pins 15 - 28
Right Rear Surround - With Amp	Green - Pink	+,-	Amplifier under passenger seat, black 28 pin plug, pins 14 - 27
Center Channel - With Amp	Pink - Yellow	+,-	Amplifier under passenger seat, white 28 pin plug, pins 14 - 27
Subwoofer - With Amp	Green - Orange (coil 1); Blue - Red (coil 2)	+,-	Amplifier under passenger seat, black 28 pin plug, pins 2 - 17 (coil 1); pins 1 - 16 (coil 2)
Aux. Audio Input Left (+/-)	Green - Black/Orange (w/o navigation); Red - Black/Orange (with navigation)	+,-	Radio, white 38 pin plug, pins 24 - 25
Aux. Audio Input Right (+/-)	White - Black/Orange (w/o navigation); Black - Black/Orange (with navigation)	+,-	Radio, white 38 pin plug, pins 10 - 25





Item	Wire Color	Polarity	Wire Location
Rearview Camera Video	Red - Black	+,-	Radio, white 38 pin plug, pins 7 - 21





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What Fits

Item	Size	Depth	Location





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Additional Wiring Notes

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Accessory	Can also use yellow (+) in the Driver Kick, red 54 pin plug (EM11), pin 35.
Second Accessory	Can also use brown (+) in the Driver Kick, red 54 pin plug (EM11), pin 13.
CAN Bus High 2	Also found in the Driver Kick, white 74 pin plug (MF11), pin 63.
CAN Bus High 3	Also found in the Driver Kick, white 74 pin plug (MF11), pin 19.
CAN Bus Low 2	Also found in the Driver Kick, white 74 pin plug (MF11), pin 62.
CAN Bus Low 3	Also found in the Driver Kick, white 74 pin plug (MF11), pin 20.
Ignition	Can also use blue/black (+) in the Driver Kick, red 54 pin plug (EM11), pin 29.