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Wiring Information

Item	Wire Color	Polarity	Wire Location
12 Volts	Red (60A)	+	IGPM-Dash Fuse Box, black 2 pin plug (A), pin 2
Ground	(chassis ground)		
Starter	Pink	+	IGPM-Dash Fuse Box, black 51 pin plug (B), pin 36
Ignition	Yellow	+	Driver Kick, red 58 pin plug, pin 1
Accessory	Blue	+	Driver Kick, red 58 pin plug, pin 48
Second Accessory	Brown (not required)	+	Driver Kick, red 58 pin plug, pin 32
Ignition Interrupt	Gray/Orange	Cut	IGPM-Dash Fuse Box, rear, white 41 pin plug (E), pin 5
PTS 1	Yellow/Orange	-	Smart Key Control Module above gas pedal, white 26 pin plug, pin 25
PTS 2	Orange/Black	-	Smart Key Control Module above gas pedal, white 26 pin plug, pin 8
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	Smart Key Control Module above gas pedal, white 26 pin plug, pin 12
CAN Bus Low 2	Blue (B-CAN)	Data	Smart Key Control Module above gas pedal, white 26 pin plug, pin 13
OBD 12 Volts	Gray/Black (10A)	+	OBD-Data Link Connector, black 16 pin plug, pin 16
OBD Ground	Black	-	OBD-Data Link Connector, black 16 pin plug, pin 4
IMMO Data	White/Orange (EMS COM)	Data	Driver Kick, red 58 pin plug, pin 3
Power Lock	White/Black (passenger switch)	-	IGPM-Dash Fuse Box, black 46 pin plug (D), pin 14
Power Unlock	Blue/Orange (passenger switch)	-	IGPM-Dash Fuse Box, black 46 pin plug (D), pin 15

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Item	Wire Color	Polarity	Wire Location
Lock Motor	Red	Reverse	IGPM-Dash Fuse Box, black 46 pin plug (D), pin 24
Driver Unlock Motor	Green	Reverse	Power Window Main Switch, black 8 pin plug, pin 3
Passenger Unlock Motor	Brown	Reverse	IGPM-Dash Fuse Box, black 46 pin plug (D), pin 34
Factory Alarm Arm	Brown/Black (see Tech Doc 1300)	-	Power Window Main Switch, white 32 pin plug, pin 7
Factory Alarm Disarm	Pink/Black (see Tech Doc 1300)	Double -	Power Window Main Switch, white 32 pin plug, pin 6
Lock Detection	Red/Orange (see Tech Doc 1300)	Open	Power Window Main Switch, white 32 pin plug, pin 4
Unlock Detection	(same as lock detection)	-	
Parking Lights	White/Black (LF); Brown (RF)	+	IGPM-Dash Fuse Box, black 51 pin plug (B), pin 14 (LF); pin 11 (RF)
Parking Lights 2	Green/Black (LR); Yellow (RR)	+	IGPM-Dash Fuse Box, white 41 pin plug (C), pin 22 (LR); pin 33 (RR)
Parking Lights -	Blue	- 1680 Ohms	Headlight-Wiper Switch, black 16 pin plug, pin 14
Parking Lights MUX	Blue	MUX	Headlight-Wiper Switch, black 16 pin plug, pin 14
Hazards	Pink	-	IGPM-Dash Fuse Box, rear, white 18 pin plug (G), pin 15
Turn Signal (Left)	Yellow/Black (LF); Gray (LR)	+	IGPM-Dash Fuse Box, black 51 pin plug (B), pin 18 (LF); white 41 pin plug (C), pin 32 (LR)
Turn Signal (Right)	White (RF); White/Black (RR)	+	IGPM-Dash Fuse Box, black 51 pin plug (B), pin 51 (RF); white 41 pin plug (C), pin 3 (RR)
Headlight	Blue/Orange	-	Headlight-Wiper Switch, black 16 pin plug, pin 15
AutoLights	Blue	Cut	Headlight-Wiper Switch, black 16 pin plug, pin 14
Reverse Light	Red/Black	+	IGPM-Dash Fuse Box, black 46 pin plug (D), pin 2
Left Front Door Trigger	Gray/Orange	-	IGPM-Dash Fuse Box, black 46 pin plug (D), pin 17

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Item	Wire Color	Polarity	Wire Location
Right Front Door Trigger	Yellow/Black	-	IGPM-Dash Fuse Box, black 46 pin plug (D), pin 18
Left Rear Door Trigger	White/Black	-	IGPM-Dash Fuse Box, black 46 pin plug (D), pin 8
Right Rear Door Trigger	Brown/Black	-	IGPM-Dash Fuse Box, black 46 pin plug (D), pin 7
Dome Light	Brown	-	Left Front Pillar, white 36 pin plug, pin 35
Trunk/Hatch Pin	Brown	-	IGPM-Dash Fuse Box, white 41 pin plug (C), pin 25
Hood Pin	Pink/Black	-	IGPM-Dash Fuse Box, black 51 pin plug (B), pin 21
Power Liftgate	Green/Orange	-	Power Liftgate Switch, white 8 pin plug, pin 5
Trunk/Hatch Release	Gray/Black (rear handle switch)	-	IGPM-Dash Fuse Box, white 41 pin plug (C), pin 28
Trunk Release Motor	Blue	+	IGPM-Dash Fuse Box, black 46 pin plug (D), pin 45
Fuel Door Release	Blue	+	Fuel Filler Door Switch, white 8 pin plug, pin 2
Tachometer	White	AC	Driver Kick, red 58 pin plug, pin 2
Fuel Pump	Pink	+	Driver Kick, white 25 pin plug, pin 9
Rear Defroster	Green/Orange	- Latched	Driver Kick, red 58 pin plug, pin 16
Mirror Defroster	(same as rear defroster)		
Wiper Deicer	(same as rear defroster)		
Left Front Heated Seat	Brown	+	Seat Heater Switch, white 24 pin plug, pin 11
Right Front Heated Seat	Gray	+	Seat Heater Switch, white 24 pin plug, pin 2
Speed Sense	Brown/Orange	AC	OBD-Data Link Connector, black 16 pin plug, pin 3 --or-- Radio, white 24 pin plug, pin 16 or white 38 pin plug, pin 38
Brake Wire	Green/Orange	+	IGPM-Dash Fuse Box, black 51 pin plug (B), pin 12

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Item	Wire Color	Polarity	Wire Location
Parking Brake	Gray/Orange	-	Driver Kick, red 58 pin plug, pin 8 (w/o EPB); Driver Front of Center Console, white 32 pin plug, pin 31 (with EPB)
Horn Trigger	Gray	-	Driver Kick, red 58 pin plug, pin 21
Wipers	Orange/Black	+	Driver Kick, red 58 pin plug, pin 19
Left Front Window (Up/Down)	(motor is part of module)		
Right Front Window (Up/Down)	White - Pink (w/o auto up/down only)	A	Passenger Window Switch, white 18 pin plug, pins 15 - 13 or black 8 pin plug, pins 4 - 7
Left Rear Window (Up/Down)	Pink - Brown (w/o auto up/down only)	A	Left Rear Window Switch, white 18 pin plug, pins 15 - 13
Right Rear Window (Up/Down)	Pink - Brown (w/o auto up/down only)	A	Right Rear Window Switch, white 18 pin plug, pins 15 - 13
Sun Roof (Open/Close)	Red and White (open) (functions with ignition on only)	Both -	Sunroof Switch, white 6 pin plug, pins 2, 5
Sun Roof (Limit/Close)	Brown and White (close) (functions with ignition on only)	Both -	Sunroof Switch, white 6 pin plug, pins 3, 5
Memory Seat 1	Blue	-	Power Window Main Switch, white 32 pin plug, pin 1
Memory Seat 2	Red/Black	-	Power Window Main Switch, white 32 pin plug, pin 2
Radio 12V	Pink	+	Radio, white 24 pin plug, pin 12 or white 35 pin plug, pin 10
Radio Ground	Black	-	Radio, white 24 pin plug, pin 24 or white 35 pin plug, pin 12
Radio Ignition	White	+	Radio, white 24 pin plug, pin 11 or 18 or white 35 pin plug, pin 22
Radio Illumination	Red/Orange (parking lights); Blue/Orange (dimmer)	+,-	Radio, white 18 pin plug, pins 8, 17 or white 35 pin plug, pins 6, 19
Factory Amp Turn-on	(M-CAN)		
Power Antenna	Green	+	Radio, white 18 pin plug, pin 18 or white 35 pin plug, pin 5
Left Front Speaker (+/-)	Brown - White	+,-	Radio, white 18 pin plug, pins 2 - 11 or white 38 pin plug, pins 13 - 14

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Item	Wire Color	Polarity	Wire Location
Right Front Speaker (+/-)	Red - Blue	+,-	Radio, white 18 pin plug, pins 3 - 12 or white 38 pin plug, pins 16 - 15
Left Rear Speaker (+/-)	Yellow - Black	+,-	Radio, white 18 pin plug, pins 1 - 10 or white 38 pin plug, pins 1 - 2
Right Rear Speaker (+/-)	Green - Orange	+,-	Radio, white 18 pin plug, pins 4 - 13 or 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	Orange - Green	+,-	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	Blue - Red	+,-	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, Gray, or Yellow - Black/Orange	+,-	Radio, white 24 pin plug, pins 21 - 9 or white 38 pin plug, pins 24 - 25
Aux. Audio Input Right (+/-)	White or Brown - Black/Orange	+,-	Radio, white 24 pin plug, pins 8 - 9 or white 38 pin plug, pins 10 - 25
Rearview Camera Video	Red - Black or Black - Red	+,-	Radio, white 16 pin plug, pins 4 - 3 or white 38 pin plug, pins 7 - 21 or white 24 pin plug, pins 23 - 22



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What Fits

Item	Size	Depth	Location
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Additional Wiring Notes

Item	Note
Accessory	Can also use yellow (+) at the Smart Key Control Module above gas pedal, white 26 pin plug, pin 18.
Second Accessory	Can also use brown (+) at the Smart Key Control Module above gas pedal, white 26 pin plug, pin 19.
Ignition	Can also use blue/black (+) at the Smart Key Control Module above gas pedal, white 26 pin plug, pin 5.
Ignition Interrupt	Can also use gray/orange (cut) at the Smart Key Control Module above gas pedal, white 26 pin plug, pin 4.
IMMO Data	Can also use white/orange (data) at the Smart Key Control Module above gas pedal, white 26 pin plug, pin 24.
Starter	Can also use red (+) at the Smart Key Control Module above gas pedal, white 26 pin plug, pin 17.
Tachometer	Can also use white (ac) at the Smart Key Control Module above gas pedal, white 26 pin plug, pin 23.