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Wiring Information

Item	Wire Color	Polarity	Wire Location
12 Volts	Red (40A)	+	Ignition Switch, black 6 pin plug, pin 1
Second 12 Volts	White (40A)	+	Ignition Switch, black 6 pin plug, pin 5
Ground	(chassis ground)		
Starter	Black	+	Ignition Switch, black 6 pin plug, pin 3
Ignition	Green	+	Ignition Switch, black 6 pin plug, pin 4
Accessory	Blue	+	Ignition Switch, black 6 pin plug, pin 2
Second Accessory	Red	+	Ignition Switch, black 6 pin plug, pin 6
Keysense	Pink/Black	-	Key Switch, white 6 pin plug, pin 4
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	Driver Kick, blue 68 pin plug, pin 14
CAN Bus Low 2	Blue (B-CAN)	Data	Driver Kick, blue 68 pin plug, pin 4
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
K Line	White	Data	OBD-Data Link Connector, black 16 pin plug, pin 12
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
Lock Motor	Red	Reverse	IGPM-Dash Fuse Box, black 46 pin plug (D), pin 24



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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
Right Front Door Trigger	Yellow/Black	-	IGPM-Dash Fuse Box, black 46 pin plug (D), pin 18



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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	Brown (2.0L and 2.4L)	AC	Camshaft Position Sensor, engine driver side front, gray 3 pin plug, pin 1
Tachometer 2	Gray (3.3L)	AC	Camshaft Position Sensor, engine driver side front, black 3 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

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Item	Wire Color	Polarity	Wire Location
Brake Wire	Green/Orange	+	IGPM-Dash Fuse Box, black 51 pin plug (B), pin 12
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

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Item	Wire Color	Polarity	Wire Location
Left Front Speaker (+/-)	Brown - White	+,-	Radio, white 18 pin plug, pins 2 - 11 or white 38 pin plug, pins 13 - 14
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

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Item	Wire Color	Polarity	Wire Location
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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