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Wiring Information

Item	Wire Color	Polarity	Wire Location
12 Volts	White (50A)	+	Dash Fuse Box, white 1 pin plug (4C), pin 1
Second 12 Volts	Gray (7.5A)	+	Ignition Switch, white 8 pin plug, pin 7
Ground	(chassis ground)		
Starter	Violet	+	Ignition Switch, white 8 pin plug, pin 5
Ignition	Lavender/Black	+	Ignition Switch, white 8 pin plug, pin 8
Accessory	Lavender/Red	+	Ignition Switch, white 8 pin plug, pin 6
Ignition Interrupt	Lt. Blue (TPMS)	Cut	Driver Kick, white 14 pin plug (O13), pin 12
Keysense	Violet	-	Key Switch, white 2 pin plug, pin 1
CAN Bus High	Black	Data	Body ECU on dash fuse box, black 30 pin plug, pin 5
CAN Bus Low	White	Data	Body ECU on dash fuse box, black 30 pin plug, pin 4
CAN Bus High 2	Red (DIAG CAN)	Data	OBD-Data Link Connector, white 16 pin plug, pin 6
CAN Bus Low 2	White (DIAG CAN)	Data	OBD-Data Link Connector, white 16 pin plug, pin 14
OBD 12 Volts	Lt. Green (7.5A)	+	OBD-Data Link Connector, white 16 pin plug, pin 16
OBD Ground	White/Black	-	OBD-Data Link Connector, white 16 pin plug, pin 4
OBD Connector	White		Under Driver Dash, Next To Hood Release
IMMO Data	Black (IMO)	Data	Passenger Kick, gray 18 pin plug (A13), pin 8
IMMO Data 2	White (IMI)	Data	Passenger Kick, gray 18 pin plug (A13), pin 9
SIL Data	Lt. Green	Data	OBD-Data Link Connector, white 16 pin plug, pin 7
Security Light	Pink	+	Instrument Cluster, black 38 pin plug, pin 7
RDA	Pink	Data	Body ECU on dash fuse box, black 21 pin plug, pin 10



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Power Lock	(use factory alarm arm)		
Power Unlock	(use factory alarm disarm)		
Power Lock2	Lt. Green (passenger switch) (if needed)	-	Dash Fuse Box, rear, white 32 pin plug (4F), pin 16
Power Unlock2	Brown (passenger switch) (if needed)	-	Dash Fuse Box, rear, white 56 pin plug (4E), pin 39
Lock Motor	Black	Reverse	Dash Fuse Box, white 36 pin plug (4A), pin 6
Driver Unlock Motor	Red	Reverse	Driver Kick, white 62 pin plug (OI1), pin 12
Passenger Unlock Motor	Red	Reverse	Dash Fuse Box, white 36 pin plug (4A), pin 9
Factory Alarm Arm	Green (key lock)	-	Body ECU on dash fuse box, black 21 pin plug, pin 18
Factory Alarm Disarm	Violet (key unlock)	Double -	Body ECU on dash fuse box, black 21 pin plug, pin 17
Parking Lights	Blue	+	Dash Fuse Box, white 36 pin plug (4A), pin 30
Parking Lights -	Green	-	Headlight Switch, white 40 pin plug, pin 3
Hazards	Pink	-	Hazard Switch, black 8 pin plug, pin 6
Turn Signal (Left)	Blue (LF); Violet (LR)	+	Dash Fuse Box, white 32 pin plug (4B), pin 8 (LF); Driver Kick, white 14 pin plug (OI3), pin 1 (LR)
Turn Signal (Right)	Violet (RF); Green (RR)	+	Dash Fuse Box, white 32 pin plug (4B), pin 6 (RF); Driver Kick, white 14 pin plug (OI3), pin 2 (RR)
Headlight	Red	-	Headlight Switch, white 40 pin plug, pin 4
AutoLights	Yellow	Cut	Headlight Switch, white 40 pin plug, pin 5
Reverse Light	Green	+	Dash Fuse Box, white 36 pin plug (4A), pin 10
Reverse Light 2	Green (alternate location)	+	Radio, white or gray 28 pin plug, pin 28
Left Front Door Trigger	Brown	-	Body ECU on dash fuse box, black 30 pin plug, pin 1
Right Front Door Trigger	Lt. Blue	-	Body ECU on dash fuse box, black 30 pin plug, pin 6

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Item	Wire Color	Polarity	Wire Location
Left Rear Door Trigger	Brown	-	Dash Fuse Box, white 36 pin plug (4A), pin 24
Right Rear Door Trigger	Gray	-	Dash Fuse Box, rear, white 56 pin plug (4E), pin 31
Dome Light	Violet	-	Dash Fuse Box, rear, white 32 pin plug (4F), pin 29
Trunk/Hatch Pin	Lt. Blue	-	Dash Fuse Box, white 36 pin plug (4A), pin 34
Hood Pin	Red	-	Body ECU on dash fuse box, black 30 pin plug, pin 30
Trunk/Hatch Release	(use trunk release motor)		
Trunk Release Motor	Pink	Reverse	Dash Fuse Box, white 36 pin plug (4A), pin 20
Tachometer	Pink (1.8L); Black (2.0L)	AC	Camshaft Position Sensor, engine top driver side, black 3 pin plug, pin 1
Clutch Pedal	Black	+	Clutch Switch, gray 2 pin plug, pin 1
Fuel Pump	Black	+	Behind Dash Fuse Box, blue 12 pin plug (AO2), pin 7
Rear Defroster	Yellow	- Latched	Passenger Kick, white 22 pin plug (A16), pin 15
Mirror Defroster	(same as rear defroster)		
Wiper Deicer	Pink	- Latched	Passenger Kick, white 22 pin plug (A16), pin 19
Left Front Heated Seat	Brown	Reverse	Left Seat Heater Switch, blue 6 pin plug, pin 4
Right Front Heated Seat	Pink	Reverse	Right Seat Heater Switch, blue 6 pin plug, pin 4
Heated Steering Wheel	Black	+ Latched	Steering Heater Switch, white 6 pin plug, pin 2
Speed Sense	Brown	AC	Radio, white or gray 28 pin plug, pin 27
Brake Wire	Lt. Blue	+	Brake Switch, black 7 pin plug, pin 3
Parking Brake	Lt. Blue (w/o EPB)	-	Dash Fuse Box, rear, white 56 pin plug (4E), pin 38
Parking Brake 2	Red (with EPB)	-	Dash Fuse Box, white 32 pin plug (4B), pin 18
Horn Trigger	Blue	-	Dash Fuse Box, white 32 pin plug (4B), pin 27

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Horn Trigger 2	Violet (alternate location)	-	Horn Switch-Clock Spring, black 14 pin plug, pin 7
Horn - Factory Alarm	Yellow	-	Dash Fuse Box, white 32 pin plug (4B), pin 26
Wipers	Green (LO); Red (HI)	-	Headlight Switch, white 40 pin plug, pin 26 (LO); pin 27 (HI)
Wipers Protection	Black (ground)	Cut	Headlight Switch, white 40 pin plug, pin 33
All Windows Up-Down	(use factory alarm arm/disarm)		
Sun Roof (Open/Close)	Green - Pink (function with ignition on only)	-	Map Light Assembly, white 20 pin plug, pins 14, 13
Sun Roof (Limit/Close)	Violet - Gray (tilt up-down) (function with ignition on only)	-	Map Light Assembly, white 20 pin plug, pins 16, 15
Radio 12V	Lavender/Lt. Blue	+	Radio, white or gray 28 pin plug, pin 4
Radio Ground	White/Black	-	Radio, white or gray 28 pin plug, pin 1
Radio Ignition	Black	+	Radio, white or gray 28 pin plug, pin 15
Radio Illumination	Pink (parking lights); Blue (dimmer)	+,-	Radio, white 30 pin plug, pin 15 (parking lights); pin 16 (dimmer)
Left Front Speaker (+/-)	Lavender/Yellow - Lavender/Black --or- White - Black	+,-	Radio, black 10 pin plug, pins 2 - 7
Right Front Speaker (+/-)	Lavender/Yellow - Lavender/Black --or- Lavender/Green - Lavender/Blue --or- Green - Red	+,-	Radio, black 10 pin plug, pins 1 - 6
Left Rear Speaker (+/-)	Violet - Pink --or-- Blue - Red	+,-	Radio, black 10 pin plug, pins 3 - 8
Right Rear Speaker (+/-)	Violet - Pink	+,-	Radio, black 10 pin plug, pins 4 - 9
Left Front Speaker - With Amp	Green - Blue	+,-	Amplifier under driver seat, white 30 pin plug, pins 13 - 28
Right Front Speaker - With Amp	Yellow - Black	+,-	Amplifier under driver seat, white 30 pin plug, pins 15 - 30
Left Front Tweeter - With Amp	Pink - Violet	+,-	Amplifier under driver seat, white 30 pin plug, pins 12 - 27
Right Front Tweeter - With Amp	Yellow - Black --or-- Pink - Brown	+,-	Amplifier under driver seat, white 30 pin plug, pins 14 - 29

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Item	Wire Color	Polarity	Wire Location
Left Rear Speaker - With Amp	Black - Green	+,-	Amplifier under driver seat, white 30 pin plug, pins 9 - 24
Right Rear Speaker - With Amp	Red - White	+,-	Amplifier under driver seat, white 30 pin plug, pins 11 - 26
Subwoofer - With Amp	Lt. Green - Blue (coil 1); Pink - Violet (coil 2)	+,-	Amplifier under driver seat, white 30 pin plug, pins 10 - 25 (coil 1); pins 8 - 23 (coil 2)
Aux. Audio Input Left (+/-)	Black - Red	+,-	Radio, white or gray 28 pin plug, pins 11 - 13
Aux. Audio Input Right (+/-)	White - Red	+,-	Radio, white or gray 28 pin plug, pins 12 - 13
Rearview Camera Video	Red - White	+,-	Radio, white 30 pin plug, pins 28 - 29



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What Fits

Item	Size	Depth	Location
Headunit	Irregular		Center of Dash
Left Front Speaker	6.3 or 6.7		Left Front Door
Left Front Tweeter	1.0 (tweeter); 3.1 (midrange)		Left Front Dash or Pillar (tweeter); Left Front Dash (midrange)
Right Front Speaker	6.3 or 6.7		Right Front Door
Right Front Tweeter	1.0 (tweeter); 3.1 (midrange)		Right Front Dash or Pillar (tweeter); Right Front Dash (midrange)
Left Rear Speaker	6.3 or 6.0		Left Rear Door
Right Rear Speaker	6.3 or 6.0		Right Rear Door
Subwoofer	10.4		Top Center of Rear Shelf