

Wiring Information

Item	Wire Color	Polarity	Wire Location
12 Volts	Green (60A)	+	Passenger Dash Fuse Box, green 41 pin plug, pin 22
Ground	(chassis ground)		
Starter	Blue/White	+	Passenger Dash Fuse Box, rear, green 32 pin plug, pin 18
Ignition	Yellow or Orange (for ignition sense only)	+	Passenger Dash Fuse Box, green 41 pin plug, pin 10
Accessory	Brown/Yellow (for accessory sense only)	+	Passenger Dash Fuse Box, blue 46 pin plug, pin 36
PTS 1	Brown/Violet	- 250 Ohms	Passenger Dash Fuse Box, bottom, gray 28 pin plug, pin 18
PTS 2	Yellow/Orange	- 250 Ohms	Passenger Dash Fuse Box, bottom, gray 28 pin plug, pin 17
CAN Bus High	Green/Orange (HS CAN)	Data	Passenger Dash Fuse Box, rear, green 32 pin plug, pin 10
CAN Bus Low	Gray/Blue (HS CAN)	Data	Passenger Dash Fuse Box, rear, green 32 pin plug, pin 9
CAN Bus High 2	Yellow/Orange (MS CAN)	Data	Passenger Dash Fuse Box, bottom, gray 28 pin plug, pin 5
CAN Bus Low 2	Yellow/Violet (MS CAN)	Data	Passenger Dash Fuse Box, bottom, gray 28 pin plug, pin 4
IMMO Data	Gray/Brown (LIN Bus)	Data	Passenger Dash Fuse Box, bottom, gray 28 pin plug, pin 10
Security Light	White/Violet	-	Passenger Dash Fuse Box, bottom, gray 32 pin plug, pin 7
Power Lock	Gray/Yellow	-	Passenger Dash Fuse Box, bottom, gray 28 pin plug, pin 9
Power Unlock	Violet/Gray	-	Passenger Dash Fuse Box, bottom, gray 28 pin plug, pin 8
Lock Motor	Black	Reverse	Driver Door Module, black 22 pin plug, pin 10
Driver Unlock Motor	Black	Reverse	Driver Door Module, black 22 pin plug, pin 7



Item	Wire Color	Polarity	Wire Location
Passenger Unlock Motor	Black	Reverse	Passenger Door Module, gray 22 pin plug, pin 7
Factory Alarm Arm	(factory remote only)		
Factory Alarm Disarm	(prosimity key and push button)		
Parking Lights (+)	Green (LF); Green/White (RF); Violet/Green (LR); White/Orange (RR)	+	Passenger Dash Fuse Box, green 41 pin plug, pins 28, 34; brown 46 pin plug, pins 2, 38
Parking Lights (-)	(LIN Bus)		
Hazards	Brown/Yellow	-	Passenger Dash Fuse Box, bottom, gray 28 pin plug, pin 19
Turn Signal (Left)	Blue/Green (F); Gray/Orange (R)	+	Passenger Dash Fuse Box, green 41 pin plug, pin 4; brown 46 pin plug, pin 9
Turn Signal (Right)	Yellow/Violet (F); Green/Orange (R)	+	Passenger Dash Fuse Box, green 41 pin plug, pin 30; brown 46 pin plug, pin 10
Headlight	Gray/Brown (L); Violet/Orange (R)	+	Passenger Dash Fuse Box, green 41 pin plug, pins 38, 29
AutoLights	(LIN Bus)		
Reverse Light	Green/Brown	+	Passenger Dash Fuse Box, green 41 pin plug, pin 37
Left Front Door Trigger	Gray/Violet	-	Passenger Dash Fuse Box, rear, brown 32 pin plug, pin 11
Right Front Door Trigger	White	-	Passenger Dash Fuse Box, rear, brown 32 pin plug, pin 12
Left Rear Door Trigger	Green	-	Passenger Dash Fuse Box, rear, brown 32 pin plug, pin 25
Right Rear Door Trigger	Yellow	-	Passenger Dash Fuse Box, rear, brown 32 pin plug, pin 26
Dome Light	Gray/Violet	+	Passenger Dash Fuse Box, blue 46 pin plug, pin 2
Trunk/Hatch Pin	Yellow/Orange	-	Passenger Dash Fuse Box, rear, brown 32 pin plug, pin 23
Hood Pin	Black	-	Passenger Dash Fuse Box, rear, green 32 pin plug, pin 5



Item	Wire Color	Polarity	Wire Location
Power Liftgate	White	-	Passenger Dash Fuse Box, rear, gray 32 pin plug, pin 8
Trunk/Hatch Release	Black (rear handle switch)	-	Passenger Dash Fuse Box, bottom, gray 32 pin plug, pin 15
Trunk Release Motor	Black	Reverse	Passenger Dash Fuse Box, brown 46 pin plug, pin 6
Fuel Door Release	Black (unlock only)	Reverse	Passenger Dash Fuse Box, brown 46 pin plug, pin 32
Tachometer	Yellow/Blue, Blue/Orange, Green/Violet, Blue, White/Green, Brown/Violet, Blue/White, or White/Orange	ac	Any Fuel Injector, black 2 pin plug, pin 2
Fuel Pump	Yellow/Gray	-	Passenger Dash Fuse Box, rear, green 32 pin plug, pin 13
Rear Defroster	Brown/Blue	+ Latched	Passenger Dash Fuse Box, brown 46 pin plug, pin 23
Mirror Defroster	(MS CAN)		
Wiper Deicer	Violet/Orange	- Latched	Passenger Dash Fuse Box, rear, green 32 pin plug, pin 29
Left Front Heated Seat	(LIN Bus)		
Right Front Heated Seat	(LIN Bus)		
Speed Sense	(wheel speed sensor)		
Brake Wire	Violet/Brown	+	Passenger Dash Fuse Box, rear, brown 32 pin plug, pin 6
Parking Brake	(electric parking brake)		
Horn Trigger	Violet/Green	-	Passenger Dash Fuse Box, rear, green 32 pin plug, pin 28
Wipers	Violet/White	-	Passenger Dash Fuse Box, rear, green 32 pin plug, pin 25
Left Front Window (Up/Down)	(not recommended because of factory auto up/down)		
Right Front Window (Up/Down)	(not recommended because of factory auto up/down)		
Left Rear Window (Up/Down)	(not recommended because of factory auto up/down)		
Right Rear Window (Up/Down)	(not recommended because of factory auto up/down)		



Item	Wire Color	Polarity	Wire Location
Sun Roof (Open/Close)	Violet/Brown - Yellow/Orange (function with ignition on only)	-	Overhead Console, gray 20 pin plug, pins 14 - 15
Memory Seat 1	Gray/Violet	- Resistor	Driver Kick, harness to rear
Memory Seat 2	(same as memory seat 1)	- Resistor	
Memory Seat 3	(same as memory seat 1)	- Resistor	
Radio 12V	Gray/Red	+	Radio, gray 14 pin plug, pin 1
Radio Ground	Black	-	Radio, gray 14 pin plug, pin 8
Radio Ignition	(MS CAN)		
Factory Amp Turn-on	(MOST Bus)		
Power Antenna	Yellow/Green	+	Radio, gray 14 pin plug, pin 2
Left Front Speaker (+/-)	Green/Orange - Gray/Orange (high); White - White/Brown (low)	+,-	Amplifier under driver seat, gray 16 pin plug, pins 1 - 9; 2 - 10
Right Front Speaker (+/-)	Violet/Orange - Yellow/Orange (high); White/Violet - White/Orange (low)	+,-	Amplifier under driver seat, gray 16 pin plug, pins 3 - 11; 4 - 12
Left Rear Speaker (+/-)	Green/Brown - Gray/Brown (high/mid); White/Green - Brown/Yellow (low)	+,-	Amplifier under driver seat, gray 16 pin plug, pins 5 - 13; 6 - 14
Right Rear Speaker (+/-)	Blue/White - Violet/White (high/mid); Brown/White - Brown/Blue (low)	+,-	Amplifier under driver seat, gray 16 pin plug, pins 7 - 15; 8 - 16
Center Channel (+/-)	White - Green/Brown (high); White/Blue - Green/Orange (mid)	+,-	Amplifier under driver seat, blue 16 pin plug, pins 8 - 16; 7 - 15
Subwoofer (+/-)	Green/Violet - Gray (1); Violet - Yellow (2)	+,-	Amplifier under driver seat, blue 16 pin plug, pins 3 - 11; 4 - 12
Aux. Audio Input Left (+/-)	Blue - White/Green	+,-	Radio, gray 14 pin plug, pins 5 - 7
Aux. Audio Input Right (+/-)	Blue/Green - White/Green	+,-	Radio, gray 14 pin plug, pins 6 - 7
RSE Video (+/-)	(coaxial cable)		
RSE Audio Left (+/-)	(MOST Bus)		
RSE Audio Right (+/-)	(MOST Bus)		
Satellite Radio 12 Volts	Blue/Red	+	Satellite Radio in LR cargo floor, green 4 pin plug, pin 1
Satellite Radio Ground	Black	-	Satellite Radio in LR cargo floor, green 4 pin plug, pin 4
Satellite Radio Ignition	(MOST Bus)		



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Satellite Radio Antenna	(coaxial cable)		
Satellite Audio Left (+/-)	(MOST Bus)		
Satellite Audio Right (+/-)	(MOST Bus)		



What Fits

Item	Size	Depth	Location
Headunit	irregular		center of dash
Left Front Speaker			left front door
Left Front Tweeter			left front door
Right Front Speaker			right front door
Right Front Tweeter			right front door
Left Rear Speaker			left rear door
Left Rear Tweeter			left rear door (high/mid); quarter panel (surround)
Right Rear Speaker			right rear door
Right Rear Tweeter			right rear door (high/mid); quarter panel (surround)
Center Channel			top center of dash
Subwoofer			under passenger seat
Satellite Radio Tuner			left rear cargo floor



Additional Wiring Notes

Item	Note
Left Front Speaker (+/-)	The mid range speaker wires are green/blue - gray/blue at the amplifier, blue 16 pin plug, pins 1 - 9.
Left Rear Speaker (+/-)	The surround speaker wires are white/green - brown/yellow at the amplifier, blue 16 pin plug, pins 5 - 13.
Right Front Speaker (+/-)	The mid range speaker wires are violet/gray - yellow/gray at the amplifier, blue 16 pin plug, pins 2 - 10.
Right Rear Speaker (+/-)	The surround speaker wires are brown/white - brown/blue at the amplifier, blue 16 pin plug, pins 6 - 14.