



Wiring Information

Item	Wire Color	Polarity	Wire Location
12 Volts	gray (50A)	+	passenger footwell fuse box, green 41 pin plug, pin 22
Second 12 Volts	N/A		
Starter	brown/purple (SS1); yellow/orange (SS2)	- 250 ohms	start/stop sw or pass footwell fuse box, gray 28 pin plug, pins 18, 17
Second Starter	blue/white	+	passenger footwell fuse box, rear, green 32 pin plug, pin 18
Ignition	yellow (for ignition sense only)	+	passenger footwell fuse box, green 41 pin plug, pin 10
Second Ignition	N/A		
Third Ignition	N/A		
Accessory	green/white (for accessory sense only)	+	center acc socket or pass footwell fuse box, blue 46 pin plug, pin 30
Second Accessory	N/A		
Third Accessory	N/A		
Key Sense	N/A		
Data Bus	purple/white (LIN bus)	data	Immobilizer Antenna Module on driver dash, green 3 pin plug, pin 2
Can Bus High	gray/orange (MS CAN); white/blue (HS CAN)	data	data link connector, black 16 pin plug, pins 3, 6
Can Bus Low	purple/orange (MS CAN); white (HS CAN)	data	data link connector, black 16 pin plug, pins 11, 14
Can Bus Sw	N/A		
Power Lock	gray/brown	-	passenger footwell fuse box, gray 28 pin plug, pin 9
Power Unlock	brown/green	-	passenger footwell fuse box, gray 28 pin plug, pin 8
Lock Motor	black	5 wire	Driver Door Module, black 22 pin plug, pin 10
Unlock Motor	black	5 wire	Driver Door Module, black 22 pin plug, pin 7
Disarm Defeat	black	5 wire	Passenger Door Module, gray 22 pin plug, pin 7
Parking Lights (+)	green (LF); grn/wht (RF); grn/og (LR); brn/ye (RR)	+	passenger footwell fuse box, brown 46 pin plug, pins 12, 1, 2, 38
Parking Lights (-)	yellow/blue (need to relay isolate from switch)	- 236 ohms	headlight sw or pass footwell fuse box, rear, gray 32 pin plug, pin 20
Hazards	brown/yellow	-	hazard sw or passenger footwell fuse box, gray 28 pin plug, pin 19
Turn Signal (Left)	blue/green (F); gray/orange (R)	+	passenger footwell FB, grn 41 pin plug, pin 32; brn 46 pin plug, pin 9
Turn Signal (Right)	yellow/purple (F); green/orange (R)	+	passenger footwell FB, grn 41 pin plug, pin 37; brn 46 pin plg, pin 10

Wiring Information (Continued)

Item	Wire Color	Polarity	Wire Location
Headlight	yellow/blue (need to relay isolate from switch)	- 506 ohms	headlight sw or pass footwell fuse box, rear, gray 32 pin plug, pin 20
AutoLights	yellow/blue (need to relay isolate from switch)	-56ohm(off)	sw or pass footwell FB, rear, gray 32P plg, pin 20
Reverse Light	green/white	+	passenger footwell fuse box, brown 46 pin plug, pin 40
Left Front Door Trigger	gray/purple	-	passenger footwell fuse box, rear, brown 32 pin plug, pin 11
Right Front Door Trigger	white	-	pass footwell FB, rear, brown 32 pin plug, pin 12
Left Rear Door Trigger	N/A		
Right Rear Door Trigger	N/A		
Dome Supervision	gray/purple	+	footwell lamp or pass footwell fuse box, blue 46 pin plug, pin 2
Trunk/Hatch Pin	yellow/orange	-	passenger footwell fuse box, rear, brown 32 pin plug, pin 23
Rear Glass Pin	N/A		
Hood Pin	blue/orange	-	passenger footwell fuse box, rear, green 32 pin plug, pin 5
Trunk Hatch/Release	white	-	release sw or pass footwell fuse box, rear, gray 32 pin plug, pin 14
Trunk Release Motor	black	5 wire	passenger footwell fuse box, brown 46 pin plug, pin 6
Fuel Door Release	white/purple (unlock only)	5 wire	passenger footwell fuse box, brown 46 pin plug, pin 32
Power Sliding Door (Left)	N/A		
Power Sliding Door (Right)	N/A		
Factory Alarm Arm	(arms on lock with door open)		
Factory Alarm Disarm	(see disarm no unlock)		
Disarm No Unlock	(smart key and push-button start)		
Trunk Alarm Shunt	N/A		
Tachometer	ye/bu, bu/og, gn/pu, bu, wh/gn, bn/pu, bu/wh, wh/o	ac	any fuel injector, black 2 pin plug, pin 2
Wait to Start	N/A		
Neutral Safety	N/A		
Clutch Pedal	N/A		
Fuel Pump	purple/green	-	pass footwell FB, rear, green 32 pin plug, pin 13
Rear Defroster	brown/blue	+ latched	passenger footwell fuse box, brown 46 pin plug, pin 23
Mirror Defroster	(MS CAN, mirrors); purple/orange (windshield)	- latched	passenger footwell fuse box, rear, green 32 pin plug, pin 29
Left Front Heated Seat	(LIN bus)		
Right Front Heated Seat	(LIN bus)		

Wiring Information (Continued)

Item	Wire Color	Polarity	Wire Location
Speed Sense	(wheel speed sensor)		
Brake Wire	purple/brown	+	brake sw or passenger footwell fuse box, rear, brown 32 pin plug, pin 6
Parking Brake	(electric parking brake)		
Horn Trigger	blue/white	-	horn sw or passenger footwell fuse box, rear, green 32 pin plug, pin 28
Wipers	purple/white	-	passenger footwell 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)	N/A		
Right Rear Window (Up/Down)	N/A		
Sun Roof (Open/Close)	green/purple - blue/orange (func with ign on only)	-	folding top switch, black 8 pin plug, pins 3 - 5
Sun Roof (Limit/Close)	N/A		
Memory Seat 1	(LIN bus)		
Memory Seat 2	(LIN bus)		
Memory Seat 3	(LIN bus)		
Radio 12V	yellow	+	radio in rear of center console, gray 14 pin plug, pin 1
Radio Ground	black/white	-	radio in rear of center console, gray 14 pin plug, pin 8
Radio Ignition	(MOST bus)		
Radio Illumination	N/A		
Factory Amp Turn-on	(MOST bus)		
Power Antenna	yellow/orange	+	radio in rear of center console, gray 14 pin plug, pin 2
Left Front Speaker (+/-)	wht-wh/bn (lo); gn/bu-gy/bu (md); gn/og-gy/og (hi)	+,-	amplifier between seatbacks, gray 16 pin plug, pins 2-10; 5-13; 1-9
Right Front Speaker (+/-)	wh/pu-wh/og (lo); pu/gy-ye/gy(md); pu/og-ye/og(hi)	+,-	amplifier between seatbacks, gray 16 pin plug, pins 4-12; 7-15; 3-11
Left Rear Speaker (+/-)	white/green - brown/yellow	+,-	amplifier between seatbacks, gray 16 pin plug, pins 6 - 14
Right Rear Speaker (+/-)	brown/white - brown/blue	+,-	amplifier between seatbacks, gray 16 pin plug, pins 8 - 16
Center Channel (+/-)	white/blue - green/orange	+,-	amplifier between seatbacks, blue 16 pin plug, pins 7 - 15
Subwoofer (+/-)	green/pur - gray (L CH1); white - blue/grn (L CH2)	+,-	amplifier between seatbacks, blue 16 pin plug, pins 3 - 11; 1 - 9
Aux. Audio Input Left (+/-)	blue - yellow/green	+,-	radio in rear of center console, gray 14 pin plug, pins 5 - 7
Aux. Audio Input Right (+/-)	blue/green - yellow/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	purple	+	sat radio between seatbacks, grn 4 pin plug, pin 1
Satellite Radio Ground	black/green	-	sat radio between seatbacks, grn 4 pin plug, pin 4
Satellite Radio Ignition	(MOST bus)		
Satellite Radio Antenna	(coaxial cable)		