

Wiring Information

Item	Wire Color	Polarity	Wire Location		
12 Volts	blue (40A)	+	ignition switch, white 6 pin plug, pin 3		
Second 12 Volts	N/A				
Starter	white	+	ignition switch, white 6 pin plug, pin 2		
Second Starter	N/A				
Ignition	red	+	ignition switch, white 6 pin plug, pin 1		
Second Ignition	N/A				
Third Ignition	N/A				
Accessory	yellow	+	ignition switch, white 6 pin plug, pin 4		
Second Accessory	brown	+	ignition switch, white 6 pin plug, pin 5		
Third Accessory	N/A				
Key Sense	white	+	key switch or BCM behind glove box, white 40 pin plug, pin 37		
Data Bus	pink (clock); lt. green (data)	data	NATS ant amp or BCM bhnd glove box, white 40 pin plug, pins 21, 2		
Can Bus High	blue	data	data link conn or BCM bhnd glove box, white 40 pin plug, pin 39		
Can Bus Low	pink	data	data link conn or BCM bhnd glove box, white 40 pin plug, pin 40		
Can Bus Sw	N/A				
Power Lock	red	-	driver kick or BCM behind glove box, white 40 pin plug, pin 12		
Power Unlock	purple	-	driver kick or BCM behind glove box, white 40 pin plug, pin 13		
Lock Motor	blue	5 wire	driver kick or BCM behind glove box, white 15 pin plug, pin 14		
Unlock Motor	green	5 wire	driver kick or BCM behind glove box, white 15 pin plug, pin 1		
Disarm Defeat	yellow	5 wire	passenger kick or BCM bhnd glove box, white 15 pin plug, pin 13		
Parking Lights (+)	purple	+	driver firewall, harness from engine compartment		
Parking Lights (-)	N/A				
Hazards	blue	-	hazard sw or BCM behind glove box, white 40 pin plug, pin 29		
Turn Signal (Left)	purple	+	BCM behind glove box, black 15 pin plug, pin 9		
Turn Signal (Right)	white	+	BCM behind glove box, black 15 pin plug, pin 8		

Item	Wire Color	Polarity	Wire Location			
Headlight	white (L); It. blue or pink (R)	+	headlights or underhood fuse box, white 16 pin plug, pins 5, 6			
AutoLights	N/A					
Reverse Light	green	+	driver firewall, harness from engine compartment			
Left Front Door Trigger	brown	-	BCM behind glove box, black 15 pin plug, pin 4			
Right Front Door Trigger	lt. blue	-	BCM behind glove box, black 15 pin plug, pin 5			
Left Rear Door Trigger	gray	-	BCM behind glove box, black 15 pin plug, pin 3			
Right Rear Door Trigger	lt. green	-	BCM behind glove box, black 15 pin plug, pin 2			
Dome Supervision	brown	-	BCM behind glove box, white 15 pin plug, pin 5			
Trunk/Hatch Pin	white	-	BCM behind glove box, black 15 pin plug, pin 7			
Rear Glass Pin	N/A					
Hood Pin	N/A					
Trunk Hatch/Release	(locks/unlocks along with doors)					
Trunk Release Motor	N/A					
Fuel Door Release	N/A					
Power Sliding Door (Left)	N/A					
Power Sliding Door (Right)	N/A					
Factory Alarm Arm	pink (driver door key lock)	-	driver kick or BCM behind glove box, white 40 pin plug, pin 8			
Factory Alarm Disarm	black (driver door key unlock)	double -	driver kick or BCM behind glove box, white 40 pin plug, pin 7			
Disarm No Unlock	(see factory alarm disarm)					
Trunk Alarm Shunt	N/A					
Tachometer	blue, red, yellow, or purple	ac	any fuel injector, gray 2 pin plug, pin 2			
Wait to Start	N/A					
Neutral Safety	N/A					
Clutch Pedal	N/A					
Fuel Pump	green	+	driver firewall, harness from engine compartment			
Rear Defroster	gray	-	BCM behind glove box, white 40 pin plug, pin 10			
Mirror Defroster	(same as rear defroster)					
Left Front Heated Seat	N/A					
Right Front Heated Seat	N/A					

Wiring Information (Continued)

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Wiring Information (Continued)

Item	Wire Color	Pola y	arit Wire Location		
Speed Sense	white (except base audio)		radio, white 20 pin plug, pin 18		
Brake Wire	red		brake switch or BCM behind glove box, white 40 pin plug, pin 9		
Parking Brake	It. blue		parking brake switch, black 1 pin plug, pin 1		
Horn Trigger	red		horn switch, gray 8 pin plug, pin 5		
Wipers	yellow (LO); white (HI)		wiper motor or underhood fuse box, brown 12 pin plug, pins 12, 5		
Left Front Window (Up/Down)	blue - gray or red - gray		power window main switch, white 16 pin plug, pins 8 - 11		
Right Front Window (Up/Down)	blue - yellow or red - yellow		passenger power window switch, white 12 pin plug, pins 6 - 8		
Left Rear Window (Up/Down)	N/A				
Right Rear Window (Up/Down)	N/A				
Sun Roof (Open/Close)	N/A				
Sun Roof (Limit/Close)	N/A				
Memory Seat 1	N/A				
Memory Seat 2	N/A				
Memory Seat 3	N/A				
Radio 12V	red	+	radio, white 20 pin plug, pin 19		
Radio Ground	(chassis, base/mid audio); black (with navigation)	-	radio, white 20 pin plug, pin 20		
Radio Ignition	blue	+	radio, white 20 pin plug, pin 7		
Radio Illumination	purple (parking lights); black (dimmer, w/o navi)	+,-	radio, white 20 pin plug, pins 9, 8		
Factory Amp Turn-on	N/A				
Power Antenna	black	+	radio, gray 3 pin plug, pin 1		
Left Front Speaker (+/-)	blue - pink	+,-	radio, white 20 pin plug, pins 2 - 3		
Right Front Speaker (+/-)	green - red		radio, white 20 pin plug, pins 11 - 12		
Left Rear Speaker (+/-)	N/A				
Right Rear Speaker (+/-)	N/A				
Center Channel (+/-)	N/A				
Subwoofer (+/-)	N/A				
Aux. Audio Input Left (+/-)	red - black (with navigation)		radio, white 24 pin plug, pins 3 - 2		
Aux. Audio Input Right (+/-)	white - black (with navigation)	+,-	radio, white 24 pin plug, pins 1 - 2		
RSE Video (+/-)	blue - (shield)(rear view camera, with navigation)	+,-	radio, white 24 pin plug, pins 21 - 22		
RSE Audio Left (+/-)	N/A				
RSE Audio Right (+/-)	N/A				
Satellite Radio 12 Volts	(built into radio)				
Satellite Radio Ground	N/A				
Satellite Radio Ignition	N/A				
Satellite Radio Antenna	N/A				
Satellite Audio Left (+/-)	N/A				
Satellite Audio Right (+/-)	N/A				

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What Fits

ltem	Size	Depth	Location
Headunit	double DIN		center of dash
Left Front Speaker	6.5		left front door
Left Front Tweeter	N/A		
Right Front Speaker	6.5		right front door
Right Front Tweeter	N/A		
Left Rear Speaker	N/A		
Left Rear Tweeter	N/A		
Right Rear Speaker	N/A		
Right Rear Tweeter	N/A		
Center Channel	N/A		
Subwoofer	N/A		
Left Front Headrest			
Right Front Headrest			
Left Right Headrest			
Right Rear Headrest			
Satellite Radio Tuner	(built into radio)		