

Wiring Information

Item	Wire Color	Polarity	Wire Location
12 Volts	red	+	ignition harness
Second 12 Volts			
Starter	black/white	+	ignition harness
Second Starter	N/A		
Ignition	green/red	+	ignition harness
Second Ignition	green/red	+	ignition harness
Third Ignition	N/A		
Accessory	brown/gray	+	ignition harness
Second Accessory	N/A		
Third Accessory			
Key Sense	blue	+	ignition harness
Data Bus			
Can Bus High			
Can Bus Low			
Can Bus Sw			
Power Lock	red/purple	-	pin 56 at keyless module
Power Unlock	blue/brown	-	pin 33 at keyless module
Lock Motor			
Unlock Motor			
Disarm Defeat			
Parking Lights (+)	gray/red	+	headlight switch
Parking Lights (-)			
Hazards			
Turn Signal (Left)			
Turn Signal (Right)			

Wiring Information (Continued)

Item	Wire Color	Polarity	Wire Location
Headlight	green/red	+	headlight switch
AutoLights			
Reverse Light			
Left Front Door Trigger		-	keyless module
Right Front Door Trigger			
Left Rear Door Trigger			
Right Rear Door Trigger			
Dome Supervision			
Trunk/Hatch Pin	black	-	pin 35 at keyless module
Rear Glass Pin			
Hood Pin	red/white	-	pin 41 at keyless module
Trunk Hatch/Release	green/blue	-	release switch
Trunk Release Motor			
Fuel Door Release			
Power Sliding Door (Left)	N/A		
Power Sliding Door (Right)			
Factory Alarm Arm	arms with lock		
Factory Alarm Disarm	disarms with unlock		
Disarm No Unlock			
Trunk Alarm Shunt			
Tachometer	green/yellow	ac	ignition coil pack
Wait to Start	N/A		
Neutral Safety			
Clutch Pedal			
Fuel Pump			
Rear Defroster			
Mirror Defroster			
Left Front Heated Seat			
Right Front Heated Seat			

Wiring Information (Continued)

Speed Sense orange/white instrument cluster Brake Wire purple + brake pedal switch Parking Brake Horn Trigger green & red + steering column Wipers green & red + steering column Left Front Window (Up/Down) black/white - gray/white A switch on center console Right Front Window (Up/Down) green/green/gray A switch on center console Sun Roof (Den/Close) yellow - yellow/black A switch on center console Sun Roof (Den/Close) yellow - yellow/black A switch on center console Memory Seat 1 Memory Seat 2 Radio Ground Radio Illumination	Item	Wire Color	Polarity	Wire Location
Brake Wire purple + brake pedal switch Parking Brake			Folanty	
Parking Brake isteering column Horn Trigger green & red + steering column Utipers green & red + steering column Left Front Window (Up/Down) black/white - green/gray A switch on center console Right Front Window (Up/Down) green - green/red A switch on center console Left Rear Window (Up/Down) green - green/red A switch on center console Right Rear Window (Up/Down) green - green/red A switch on center console Sun Roof (Depri/Close) yellow - yellow/black A sun roof switch Sun Roof (Limit/Close) yellow - yellow/black A sun roof switch Memory Seat 1 Memory Seat 2 Radio Ground Radio Ignition Radio Ignition Radio Ignition Radio Ignition Radio Ignition Radio Ignition	•			
Horn Trigger steering column Wipers green & red + steering column Left Front Window (Up/Down) black/white - gray/white A switch on center console Right Front Window (Up/Down) green - green/red A switch on center console Right Front Window (Up/Down) green - green/red A switch on center console Sun Roof (Open/Close) yellow - yellow/black A switch on center console Sun Roof (Limit/Close) yellow - yellow/black A switch on center console Memory Seat 1 Memory Seat 2 Memory Seat 3 Radio 12V Radio Ignition Radio Ignition Radio Ignition Power Antenna Left Front Speaker (+/-) Right Rear Speaker (+/-) Subwoofer (+/-) Right Rear Speaker (+/-) Right Rear Speaker (+/-) <t< td=""><td></td><td>purple</td><td>+</td><td>brake pedar switch</td></t<>		purple	+	brake pedar switch
Wipers green & red + steering column Left Front Window (Up/Down) black/white - gray/white A switch on center console Right Front Window (Up/Down) green/gray A switch on center console Left Rear Window (Up/Down) green/gray A switch on center console Right Rear Window (Up/Down) green/yellow - blue/green A switch on center console Sun Roof (Dipen/Close) yellow - yellow/black A switch on center console Sun Roof (Limit/Close) yellow - yellow/black A sun roof switch Memory Seat 1				
Left Front Window (Up/Down) black/white - gray/white A switch on center console Right Front Window (Up/Down) green - green/gray A switch on center console Left Rear Window (Up/Down) green - green/gray A switch on center console Right Rear Window (Up/Down) green/yellow - blue/green A switch on center console Sun Roof (Open/Close) yellow - yellow/black A switch on center console Sun Roof (Limit/Close) ////////////////////////////////////				
Right Front Window (Up/Down) blue/white - green/gray A switch on center console Right Rear Window (Up/Down) green / green / green / a switch on center console Right Rear Window (Up/Down) green/yellow - blue/green A switch on center console Sun Roof (Limit/Close) yellow - yellow/black A switch on center console Sun Roof (Limit/Close) yellow - yellow/black A sun roof switch Memory Seat 1 Memory Seat 3 Radio 12V Radio Ignition Radio Illumination Power Antenna Left Front Speaker (+/-) Right Rear Speaker (+/-) Subwoofer (+/-)		•		· · · · · · · · · · · · · · · · · · ·
Left Rear Window (Up/Down)green - green/redAswitch on center consoleRight Rear Window (Up/Down)green/yellow - blue/greenAswitch on center consoleSun Roof (Limit/Close)yellow - yellow/blackAsun roof switchMemory Seat 1Memory Seat 2Memory Seat 3Radio 12VRadio GroundRadio IgnitionRadio IgnitionFactory Amp Turn-onPower AntennaLeft Front Speaker (+/-)Right Rear Speaker (+/-)Subwoofer (+/-)Subwoofer (+/-)Subwoofer (+/-)Subwoofer (+/-)Subwoofer (+/-)Subwoofer (+/-)Subwoofer (+/-)Subwoofer (+/-)Subwoofer (+/-)RSE Audio Input Right (+/-)Stellite Radio 12 VoltsSatellite Radio GroundSatellite Radio GroundSatellite Radio Input Left (+/-)Satellite Radio Input Left (+/-)Satellite Radio GroundSatellite Radio Grou				
Right Rear Window (Up/Down) green/yellow - blue/green A switch on center console Sun Roof (Limit/Close) yellow - yellow/black A sun roof switch Memory Seat 1 Memory Seat 2 Memory Seat 3 Radio Ground Radio Ignition Radio Ignition Radio Ignition Radio Ignition Radio Ignition Power Antenna Left Front Speaker (+/-) Right Rear Speaker (+/-) Subwoofer (+/-) Subwoofer (+/-) RSE Video (+/-) RSE Audio Input Right (+/-) RSE Audio Left (+/-) Satellite Radio Ignition Satellite Radio Ignition Satellite Radio Ignition		· · · · ·		
Sun Roof (Open/Close) yellow - yellow/black A sun roof switch Sun Roof (Limit/Close) Memory Seat 1 Memory Seat 2 Memory Seat 3 Radio 12V Radio Ignition Radio Ignition Radio Illumination Factory Amp Turn-on Power Antenna Left Front Speaker (+/-) Right Front Speaker (+/-) Right Rear Speaker (+/-) Subwoofer (+/-) Aux. Audio Input Right (+/-) RSE Video (+/-) Right Font Speaker (+/-) <td></td> <td></td> <td></td> <td></td>				
Sun Roof (Limit/Close) Image: Sum Roof (Limit/Close) Memory Seat 1 Image: Sum Roof (Limit/Close) Memory Seat 2 Image: Sum Roof (Limit/Close) Memory Seat 3 Image: Sum Roof (Limit/Close) Radio Ground Image: Sum Roof (Limit/Close) Radio Ignition Image: Sum Roof (Limit/Close) Radio Ignition Image: Sum Roof (Limit/Close) Radio Ignition Image: Sum Roof (Limit/Close) Factory Amp Turn-on Image: Sum Roof (Limit/Close) Power Antenna Image: Sum Roof (Limit/Close) Left Front Speaker (+/-) Image: Sum Roof (Limit/Close) Right Front Speaker (+/-) Image: Sum Roof (Limit/Close) Rux. Audio Input Left (+/-) Image: Sum Roof (Limit/Close) Subwoofer (+/-) Image: Sum Roof (Limit/Close) RSE Audio Left (+/-) Image: Sum Roof (Limit/Close) RSE Audio Input Right (+/-) Image: Sum Roof (Limit/Close) Satellite Radio Ignition Image: Sum Roof (Limit/Close) Satellite Radio Ignition		<u> </u>	A	switch on center console
Memory Seat 1 Image: Constraint of the second s		yellow - yellow/black	A	sun roof switch
Memory Seat 2 Image: Constant of the second of the sec	, <i>,</i>			
Memory Seat 3 Image: Constraint of the second s				
Radio 12V Radio Ground Radio Ignition Radio Ignition Radio Illumination Radio Illumination Factory Amp Turn-on Power Antenna Left Front Speaker (+/-) Right Front Speaker (+/-) Right Front Speaker (+/-) Right Rear Speaker (+/-) Left Rear Speaker (+/-) Right Rear Speaker (+/-) Right Rear Speaker (+/-) Read to the second				
Radio GroundImage: constraint of the second sec	Memory Seat 3			
Radio IgnitionImage: constraint of the systemRadio IlluminationImage: constraint of the systemFactory Amp Turn-onImage: constraint of the systemPower AntennaImage: constraint of the systemLeft Front Speaker (+/-)Image: constraint of the systemRight Front Speaker (+/-)Image: constraint of the systemLeft Rear Speaker (+/-)Image: constraint of the systemLeft Rear Speaker (+/-)Image: constraint of the systemRight Rear Speaker (+/-)Image: constraint of the systemCenter Channel (+/-)Image: constraint of the systemSubwoofer (+/-)Image: constraint of the systemAux. Audio Input Left (+/-)Image: constraint of the systemAux. Audio Input Right (+/-)Image: constraint of the systemRSE Video (+/-)Image: constraint of the systemRSE Audio Left (+/-)Image: constraint of the systemSatellite Radio 12 VoltsImage: constraint of the systemSatellite Radio GroundImage: constraint of the systemSatellite Radio IngnitionImage: constraint of the systemSatellite Radio AntennaImage: constraint of the systemSatellite Radio AntennaImage: constraint of the systemSatellite Audio Left (+/-)Image: constraint of the systemSatellite Audio Left (+/-)Image: constraint of the systemSatellite Audio Left (+/-)Image: constraint of the system	Radio 12V			
Radio IlluminationImage: constraint of the system of the syst	Radio Ground			
Factory Amp Turn-onImage: Constraint of the system of the sys	Radio Ignition			
Power Antenna	Radio Illumination			
Left Front Speaker (+/-) Image: Content of the system	Factory Amp Turn-on			
Right Front Speaker (+/-)Image: Constraint of the system of t	Power Antenna			
Left Rear Speaker (+/-)Image: Context Channel (+/-)Right Rear Speaker (+/-)Image: Context Channel (+/-)Subwoofer (+/-)Image: Context Channel (+/-)Aux. Audio Input Left (+/-)Image: Context Channel (+/-)Aux. Audio Input Right (+/-)Image: Context Channel (+/-)Aux. Audio Input Right (+/-)Image: Context Channel (+/-)RSE Video (+/-)Image: Context Channel (+/-)RSE Audio Left (+/-)Image: Context Channel (+/-)Satellite Radio 12 VoltsImage: Context Channel (+/-)Satellite Radio GroundImage: Context Channel (+/-)Satellite Radio IgnitionImage: Context Channel (+/-)Satellite Radio AntennaImage: Context Channel (+/-)Satellite Audio Left (+/-)Image: Context Channel (+/-)	Left Front Speaker (+/-)			
Right Rear Speaker (+/-)Image: Center Channel (+/-)Center Channel (+/-)Image: Center Channel (+/-)Subwoofer (+/-)Image: Center Channel Center Channel Center Channel Center Channel Center Channel Center C	Right Front Speaker (+/-)			
Center Channel (+/-)Center Channel (+/-)Subwoofer (+/-)Aux. Audio Input Left (+/-)Aux. Audio Input Right (+/-)Aux. Audio Input Right (+/-)Aux. Audio Left (+/-)Aux. Audio Left (+/-)RSE Video (+/-)Aux. Audio Left (+/-)RSE Audio Left (+/-)Aux. Audio Right (+/-)Satellite Radio 12 VoltsAux. Audio GroundSatellite Radio GroundAux. Audio GroundSatellite Radio IgnitionAux. Audio GroundSatellite Radio AntennaAux. Audio AntennaSatellite Audio Left (+/-)Aux. Audio Left (+/-)Satellite Audio Left (+/-)Aux. Audio Left (+/-)	Left Rear Speaker (+/-)			
Subwoofer (+/-) Aux. Audio Input Left (+/-) Aux. Audio Input Right (+/-) Aux. Audio Input Right (+/-) RSE Video (+/-) RSE Audio Left (+/-) RSE Audio Left (+/-) RSE Audio Right (+/-) Satellite Radio 12 Volts Satellite Radio Ground Satellite Radio Ignition Satellite Radio Antenna Satellite Radio Left (+/-) Satellite Radio Antenna	Right Rear Speaker (+/-)			
Aux. Audio Input Left (+/-) Aux. Audio Input Right (+/-) Aux. Audio Input Right (+/-) RSE Video (+/-) RSE Video (+/-) RSE Audio Left (+/-) RSE Audio Right (+/-) Satellite Radio 12 Volts Satellite Radio Ground Satellite Radio Ignition Satellite Radio Antenna Satellite Radio Antenna Satellite Audio Left (+/-) Satellite Radio Antenna	Center Channel (+/-)			
Aux. Audio Input Right (+/-) Aux. Audio Input Right (+/-) RSE Video (+/-) RSE Audio Left (+/-) RSE Audio Right (+/-) RSE Audio Right (+/-) Satellite Radio 12 Volts Satellite Radio Ground Satellite Radio Ground Satellite Radio Ignition Satellite Radio Antenna Satellite Radio Antenna Satellite Audio Left (+/-) Satellite Audio Left (+/-)	Subwoofer (+/-)			
RSE Video (+/-) RSE Audio Left (+/-) RSE Audio Right (+/-) Image: Constraint of the second secon	Aux. Audio Input Left (+/-)			
RSE Audio Left (+/-) RSE Audio Right (+/-) RSE Audio Right (+/-) Satellite Radio 12 Volts Satellite Radio Ground Satellite Radio Ignition Satellite Radio Ignition Satellite Radio Antenna Satellite Radio Left (+/-) Satellite Audio Left (+/-)	Aux. Audio Input Right (+/-)			
RSE Audio Right (+/-) Satellite Radio 12 Volts Satellite Radio Ground Satellite Radio Ignition Satellite Radio Antenna Satellite Radio Left (+/-)	RSE Video (+/-)			
Satellite Radio 12 Volts Image: Colored statellite Radio Ground Image: Colored statellite Radio Ignition Satellite Radio Antenna Image: Colored statellite Radio Left (+/-) Image: Colored statellite Radio R	RSE Audio Left (+/-)			
Satellite Radio 12 Volts Image: Colored statellite Radio Ground Image: Colored statellite Radio Ignition Satellite Radio Antenna Image: Colored statellite Radio Left (+/-) Image: Colored statellite Radio R	RSE Audio Right (+/-)			
Satellite Radio Ignition Image: Constraint of the second seco				
Satellite Radio Ignition Image: Constraint of the second seco	Satellite Radio Ground			
Satellite Radio Antenna	Satellite Radio Ignition			
Satellite Audio Left (+/-)				
	Satellite Audio Right (+/-)			

DirectWire Vehicle Information - 7/4/2014 1:56:16 AM

What Fits

Item	Size	Depth	Location
Headunit			
Left Front Speaker			
Left Front Tweeter			
Right Front Speaker			
Right Front Tweeter			
Left Rear Speaker			
Left Rear Tweeter			
Right Rear Speaker			
Right Rear Tweeter			
Center Channel			
Subwoofer			
Left Front Headrest			
Right Front Headrest			
Left Right Headrest			
Right Rear Headrest			
Satellite Radio Tuner			

Additional Wiring Notes

Item	Note
Power Lock	The keyless module is under the driver seat.
Power Unlock	The keyless module is under the driver seat. Unlock requires a double pulse.
Parking Lights (+)	Use a relay to isolate the switch side of the parking lights to prevent a feedback into the ignition circuit.
Left Front Door Trigger	The driver door trigger is gray/green in pin 61, front passenger door is black/green in pin 60, left rear door is black/green in pin 12, and right rear door is black/green in pin 36. Use all four wires and diode isolate each. The keyless module is under the driver seat.
Trunk/Hatch Pin	The keyless module is under the driver seat.
Hood Pin	The keyless module is under the driver seat.
Tachometer	The coil pack is on the top of the motor under the metal cover.
Horn Trigger	To trigger the horns, use a relay to connect the yellow/white and yellow/black wires at the steering column.
Left Front Window (Up/Down)	On the convertible use the same color wires in each kick panel and quarter panel or go straight to the motors. The 530T is not recommended for the windows on the convertible.
Right Front Window (Up/Down)	On the convertible use the same color wires in each kick panel and quarter panel or go straight to the motors. The 530T is not recommended for the windows on the convertible.
Left Rear Window (Up/Down)	On the convertible use the same color wires in each kick panel and quarter panel or go straight to the motors. The 530T is not recommended for the windows on the convertible.
Right Rear Window (Up/Down)	On the convertible use the same color wires in each kick panel and quarter panel or go straight to the motors. The 530T is not recommended for the windows on the convertible.