





Wiring Information

ltem	Wire Color	Polarity	Wire Location
12 Volts	red (30A)	+	VESCM under driver dash, black 52 pin plug, pin 1
Second 12 Volts	red/yellow (30A)	+	VESCM under driver dash, brown 52 pin plug, pin 42
Starter	red/black or red/brown	+	Steering Column Module, 16 pin plug, pin 6
Second Starter	N/A		
Ignition	black	+	Steering Column Module, 16 pin plug, pin 14
Second Ignition	N/A		
Third Ignition	N/A		
Accessory	black/purple (for accessory sense only)	+	VESCM under driver dash, white 52 pin plug, pin 28
Second Accessory	N/A		
Third Accessory	N/A		
Key Sense	N/A		
Data Bus	N/A		
Can Bus High	orange/green	data	Steering Column Module, 16 pin plug, pin 4
Can Bus Low	orange/brown	data	Steering Column Module, 16 pin plug, pin 3
Can Bus Sw	N/A		
Power Lock	brown/green (driver door lock switch)	- 800 ohms	Driver Door Module, gray 32 pin plug, pin 32
Power Unlock	(same as power lock)	-	
Lock Motor	yellow	5 wire	Driver Door Module, black 20 pin plug, pin 13
Unlock Motor	purple	5 wire	Driver Door Module, black 20 pin plug, pin 12
Disarm Defeat	purple	5 wire	Passenger Door Module, black 20 pin plug, pin 12
Parking Lights (+)	gray/yellow (some models only)	+	VESCM under driver dash, black 52 pin plug, pin 19
Parking Lights (-)	N/A		
Hazards	brown/red	-	VESCM under driver dash, brown 52 pin plug, pin 7
Turn Signal (Left)	black/white (F); black/white (R)	+	VESCM under dr dash, blk 52 pin plg, pin 10; brn 52 pin plg, pin 51
Turn Signal (Right)	black/green (F); black/green (R)	+	VESCM under dr dash, brn 52 pin plug, pin 50; blk 52 pin plug, pin 9

Wiring Information (Continued)

Headlight white/black + VESCM under driver dash, black 52 pin plug, pin 22 AutoLights purple (interrupt to turn off autolights) + VESCM under driver dash, black 52 pin plug, pin 20 Reverse Light gray/white + VESCM under driver dash, black 52 pin plug, pin 7 Reverse Light gray/white + VESCM under driver dash, black 52 pin plug, pin 7 Reverse Light gray/white + VESCM under driver dash, black 52 pin plug, pin 7 Right Front Door Trigger brown/yellow - Passenger Door Module, black 20 pin plug, pin 7 Right Rear Door Trigger white (with power window) - Left Rear Door Module, 18 pin plug, pin 7 Right Rear Door Trigger white (with power window) - VESCM under driver dash, brown 52 pin plug, pin 10 Trunk/Hatch Pin brown/blue - VESCM under driver dash, black 52 pin plug, pin 14 Hood Pin N/A - VESCM under driver dash, black 52 pin plug, pin 13 Trunk Release Motor red/blue 5 wire VESCM under driver dash, white 52 pin plug, pin 116 Fuel Door Release (locks/unlocks along with doors) - Driver Door Module, black 20 pi	ltem	Wire Color	Polarity	Wire Location	
AutoLights purple (interrupt to turn of autolights) + VESCM under driver dash, black 52 pin plug, pin 20 autolights) Reverse Light gray/white + VESCM under driver dash, black 52 pin plug, pin 7 Bright Front Door Trigger Reverse Light gray/white + VESCM under driver dash, black 52 pin plug, pin 7 Bright Front Door Trigger Right Front Door Trigger brown/yellow - Left Rear Door Module, black 20 pin plug, pin 7 Right Rear Door Trigger white (with power window) - Left Rear Door Module, 18 pin plug, pin 7 Dome Supervision red/purple - VESCM under driver dash, black 52 pin plug, pin 10 Trunk/Hatch Pin brown/blue - VESCM under driver dash, black 52 pin plug, pin 11 Frunk Hatch/Release purple (rear handle switch) - VESCM under driver dash, black 52 pin plug, pin 11 Frunk Release Motor red/blue 5 wire VESCM under driver dash, white 52 pin plug, pin 11 Fuel Door Release (locks/unlocks along with doors) - VESCM under driver dash, white 52 pin plug, pin 16 Factory Alarm Arm green/white (driver door key lock) - Driver Door Module, black 20 pin plug, pin 16 Factory			-		
Left Front Door Trigger brown/yellow - Driver Door Module, black 20 pin plug, pin 7 Right Front Door Trigger brown/yellow - Passenger Door Module, black 20 pin plug, pin 7 Right Rear Door Trigger white (with power window) - Left Rear Door Module, 18 pin plug, pin 7 Right Rear Door Trigger white (with power window) - Right Rear Door Module, 18 pin plug, pin 7 Right Rear Door Trigger white (with power window) - Right Rear Door Module, 18 pin plug, pin 7 Dome Supervision red/purple - VESCM under driver dash, brown 52 pin plug, pin 10 Trunk/Hatch Pin brown/green - VESCM under driver dash, black 52 pin plug, pin 14 Hood Pin brown/green - VESCM under driver dash, black 52 pin plug, pin 13 Trunk Release Motor red/blue 5 wire VESCM under driver dash, white 52 pin plug, pin 11 Fuel Door Release (locks/unlocks along with doors) - VESCM under driver dash, white 52 pin plug, pin 16 Factory Alarm Arm green/white (driver door key lock) - Driver Door Module, black 20 pin plug, pin 16 Factory Alarm Disarm (same as factory alarm arm) <td< th=""><td>AutoLights</td><td>purple (interrupt to turn off</td><td></td><td colspan="2"></td></td<>	AutoLights	purple (interrupt to turn off			
Right Front Door Trigger brown/yellow - Passenger Door Module, black 20 pin plug, pin 7 Left Rear Door Trigger white (with power window) - Left Rear Door Module, 18 pin plug, pin 7 Right Rear Door Trigger white (with power window) - Right Rear Door Module, 18 pin plug, pin 7 Dome Supervision red/purple - VESCM under driver dash, brown 52 pin plug, pin 10 Drunk/Hatch Pin brown/blue - VESCM under driver dash, black 52 pin plug, pin 12 Rear Glass Pin N/A - VESCM under driver dash, black 52 pin plug, pin 14 Hood Pin brown/green - VESCM under driver dash, black 52 pin plug, pin 13 Trunk Release purple (rear handle switch) - VESCM under driver dash, black 52 pin plug, pin 13 Fuel Door Release (locks/unlocks along with doors) 5 wire VESCM under driver dash, white 52 pin plug, pin 16 Fuel Door Left) N/A - - Driver Door Module, black 20 pin plug, pin 16 Fuel Door Release (locks/unlocks along with doors) - Driver Door Module, black 20 pin plug, pin 16 Fuel Door Marm Barm green/white (driver door key lock) - Driver Door Module, black 20 pin plug, pin 16	Reverse Light	gray/white	+	VESCM under driver dash, black 52 pin plug, pin 28	
Left Rear Door Triggerwhite (with power window)-Left Rear Door Module, 18 pin plug, pin 7Right Rear Door Triggerwhite (with power window)-Right Rear Door Module, 18 pin plug, pin 7Dome Supervisionred/purple-VESCM under driver dash, brown 52 pin plug, pin 10Trunk/Hatch Pinbrown/blue-VESCM under driver dash, black 52 pin plug, pin 29Rear Glass PinN/A-Hood Pinbrown/green-VESCM under driver dash, black 52 pin plug, pin 14Trunk Hatch/Releasepurple (rear handle switch)-VESCM under driver dash, black 52 pin plug, pin 13Trunk Release Motorred/blue5 wireVESCM under driver dash, white 52 pin plug, pin 11Fuel Door Release(locks/unlocks along with doors)-VESCM under driver dash, white 52 pin plug, pin 16Power Sliding Door (Left)N/APrower Sliding Door (Left)N/AFactory Alarm Armgreen/white (driver door key lock)Factory Alarm Mrm(same as factory alarm arm)- 180 ohms-Disarm No Unlock(transponder and ignition)Trunk Alarm ShuntN/ATachometerred/blue, red/pur, red/gray, or red/blue-VESCM under driver dash, brown 52 pin plug, pin 30Fuel Pumpfed/blk or blue/red (2.5L, TDI); black/pur (2.0L)+fuel pump relay under driver dash, driver kickTrunk Alarm ShutN/ATothe Calapurple/white or purple/black	Left Front Door Trigger	brown/yellow	-	Driver Door Module, black 20 pin plug, pin 7	
Right Rear Door Trigger white (with power window) - Right Rear Door Module, 18 pin plug, pin 7 Dome Supervision red/purple - VESCM under driver dash, brown 52 pin plug, pin 10 Trunk/Hatch Pin brown/blue - VESCM under driver dash, black 52 pin plug, pin 29 Rear Glass Pin N/A - VESCM under driver dash, black 52 pin plug, pin 14 Hood Pin brown/green - VESCM under driver dash, black 52 pin plug, pin 13 Trunk Release purple (rear handle switch) - VESCM under driver dash, black 52 pin plug, pin 11 Fuel Door Release (locks/unlocks along with doors) 5 wire VESCM under driver dash, white 52 pin plug, pin 11 Power Sliding Door (Left) N/A - Driver Door Module, black 20 pin plug, pin 16 Factory Alarm Arm green/white (driver door key lock) - Driver Door Module, black 20 pin plug, pin 16 Factory Alarm Disarm (same as factory alarm arm) - 180 ohms - Driver Door Module, black 20 pin plug, pin 2 Factory Alarm Shunt N/A - - Driver Door Module, black 20 pin plug, pin 2 Visit to Start N/A - - any fuel injector, 2 pin plug, pin 2 <	Right Front Door Trigger	brown/yellow	-	Passenger Door Module, black 20 pin plug, pin 7	
Dome Supervision red/purple - VESCM under driver dash, brown 52 pin plug, pin 10 Trunk/Hatch Pin brown/blue - VESCM under driver dash, black 52 pin plug, pin 29 Rear Glass Pin N/A - VESCM under driver dash, black 52 pin plug, pin 14 Hood Pin brown/green - VESCM under driver dash, black 52 pin plug, pin 14 Trunk Hatch/Release purple (rear handle switch) - VESCM under driver dash, black 52 pin plug, pin 13 Trunk Release Motor red/blue 5 wire VESCM under driver dash, white 52 pin plug, pin 11 Fuel Door Release (locks/unlocks along with doors) - VESCM under driver dash, white 52 pin plug, pin 11 Power Sliding Door (Right) N/A - - Driver Door Module, black 20 pin plug, pin 16 Factory Alarm Disarm (same as factory alarm arm) - 180 ohms arm) - Driver Door Module, black 20 pin plug, pin 16 Factory Alarm Shunt N/A - - Driver Door Module, black 20 pin plug, pin 2 Trunk Alarm Shunt N/A - - any fuel injector, 2 pin plug, pin 2 Wait to Start N/A - <t< th=""><td>Left Rear Door Trigger</td><td>white (with power window)</td><td>-</td><td>Left Rear Door Module, 18 pin plug, pin 7</td></t<>	Left Rear Door Trigger	white (with power window)	-	Left Rear Door Module, 18 pin plug, pin 7	
Trunk/Hatch Pin brown/blue - VESCM under driver dash, black 52 pin plug, pin 29 Rear Glass Pin N/A - VESCM under driver dash, black 52 pin plug, pin 14 Hood Pin brown/green - VESCM under driver dash, black 52 pin plug, pin 14 Trunk Hatch/Release purple (rear handle switch) - VESCM under driver dash, black 52 pin plug, pin 13 Trunk Release Motor red/blue 5 wire VESCM under driver dash, black 52 pin plug, pin 11 Fuel Door Release (locks/unlocks along with doors) - VESCM under driver dash, white 52 pin plug, pin 11 Power Sliding Door N/A - - Driver Door Module, black 20 pin plug, pin 16 Factory Alarm Arm green/white (driver door key lock) - Driver Door Module, black 20 pin plug, pin 16 Factory Alarm Disarm (same as factory alarm arm) - 180 ohms arm) - Disarm No Unlock (transponder and ignition) - - Trunk Alarm Shunt N/A - - N/A - - any fuel injector, 2 pin plug, pin 2 Wait to Start N/A - - N/A - - VESCM under driver d	Right Rear Door Trigger	white (with power window)	-	Right Rear Door Module, 18 pin plug, pin 7	
Rear Glass Pin N/A VESCM under driver dash, black 52 pin plug, pin 14 Hood Pin brown/green - VESCM under driver dash, black 52 pin plug, pin 13 Trunk Hatch/Release purple (rear handle switch) - VESCM under driver dash, black 52 pin plug, pin 13 Trunk Release Motor red/blue 5 wire VESCM under driver dash, white 52 pin plug, pin 13 Fuel Door Release (locks/unlocks along with doors) - VESCM under driver dash, white 52 pin plug, pin 11 Fuel Door Release (locks/unlocks along with doors) - VESCM under driver dash, white 52 pin plug, pin 11 Fuel Door Release (locks/unlocks along with doors) - Driver Door Module, black 20 pin plug, pin 16 Power Sliding Door N/A - - Driver Door Module, black 20 pin plug, pin 16 Factory Alarm Disarm green/white (driver door key lock) - Driver Door Module, black 20 pin plug, pin 2 Fachometer red/blk, red/yel, red/pur, red/blue - 180 ohms arm) - Trunk Alarm Shunt N/A - - - VEA red/blk, red/yel, red/pur, red/blue ac any fuel injector, 2 pin plug,	Dome Supervision	red/purple	-	VESCM under driver dash, brown 52 pin plug, pin 10	
Hood Pinbrown/green-VESCM under driver dash, black 52 pin plug, pin 14Trunk Hatch/Releasepurple (rear handle switch)-VESCM under driver dash, black 52 pin plug, pin 13Trunk Release Motorred/blue5 wireVESCM under driver dash, white 52 pin plug, pin 13Fuel Door Release(locks/unlocks along with doors)-VESCM under driver dash, white 52 pin plug, pin 11Fuel Door Release(locks/unlocks along with doors)VESCM under driver dash, white 52 pin plug, pin 11Fuel Door Release(locks/unlocks along with doors)DiscPower Sliding Door (Right)N/AFactory Alarm Armgreen/white (driver door key lock)-Driver Door Module, black 20 pin plug, pin 16Factory Alarm Disarm(same as factory alarm arm)-180 ohms arm)-Disarn No Unlock(transponder and ignition)Trunk Alarm ShuntN/A-Wait to StartN/A-NoWait SafetyN/A-Fuel Pumpred/blk or blue/red (2.5L, TDl); black/pur (2.0L)+fuel pump relay under driver dash, driver kickFuel Pumpred/blk or blue/redVESCM under driver dash, white 52 pin plug, pin 28Left Front Heated Seat(CAN and LIN bus)Kirror Defrosteryellow-Driver Door Module, gray 32 pin plug, pin 28	Trunk/Hatch Pin	brown/blue	-	VESCM under driver dash, black 52 pin plug, pin 29	
Trunk Hatch/Release purple (rear handle switch) - VESCM under driver dash, black 52 pin plug, pin 13 Trunk Release Motor red/blue 5 wire VESCM under driver dash, white 52 pin plug, pin 11 Fuel Door Release (locks/unlocks along with doors) > VESCM under driver dash, white 52 pin plug, pin 11 Power Sliding Door (Left) N/A > > Factory Alarm Arm green/white (driver door key lock) - Driver Door Module, black 20 pin plug, pin 16 Factory Alarm Disarm (same as factory alarm arm) - 180 ohms arm) - Disarm No Unlock (transponder and ignition) - ac any fuel injector, 2 pin plug, pin 2 Wait to Start N/A - - VESCM under driver dash, brown 52 pin plug, pin 30 Fuel Pump red/blk or blue/red (2.5L, TDI); black/pur (2.0L) + VESCM under driver dash, brown 52 pin plug, pin 30 Fuel Pump red/blk or blue/red (2.5L, TDI); black/pur (2.0L) + fuel pump relay under driver dash, driver kick Rear Defroster black/green - latched VESCM under driver dash, white 52 pin plug, pin 28 Left Front Heated Seat (CAN and LIN	Rear Glass Pin	N/A			
Trunk Release Motor red/blue 5 wire VESCM under driver dash, white 52 pin plug, pin 11 Fuel Door Release (locks/unlocks along with doors)	Hood Pin	brown/green	-	VESCM under driver dash, black 52 pin plug, pin 14	
Fuel Door Release (locks/unlocks along with doors) Power Sliding Door (Left) N/A Power Sliding Door (Reight) N/A Power Sliding Door (Right) N/A Factory Alarm Arm green/white (driver door key lock) Factory Alarm Disarm (same as factory alarm arm) Disarm No Unlock (transponder and ignition) Trunk Alarm Shunt N/A Tachometer red/blk, red/yel, red/pur, red/gray, or red/blue N/A Image: Comparison of the properties of the properis of the properties of the properties of the properti	Trunk Hatch/Release	purple (rear handle switch)	-	VESCM under driver dash, black 52 pin plug, pin 13	
doors)doors)Power Sliding Door (Left)N/APower Sliding Door (Right)N/AFactory Alarm Armgreen/white (driver door key lock)-Driver Door Module, black 20 pin plug, pin 16Factory Alarm Disarm(same as factory alarm arm)- 180 ohms arm)-Disarm No Unlock(transponder and ignition)-Trunk Alarm ShuntN/A-Tachometerred/blk, red/yel, red/pur, red/gray, or red/blueac ac any fuel injector, 2 pin plug, pin 2Wait to StartN/A-Neutral SafetyN/A-Fuel Pumpred/blk or blue/red (2.5L, TDI); black/pur (2.0L)+fuel pump relay under driver dash, brown 52 pin plug, pin 30Fuel Pumpred/blk or blue/red (2.5L, TDI); black/green+fuel pump relay under driver dash, white 52 pin plug, pin 22Mirror Defrosteryellow-Driver Door Module, gray 32 pin plug, pin 28Left Front Heated Seat(CAN and LIN bus)-	Trunk Release Motor	red/blue	5 wire	VESCM under driver dash, white 52 pin plug, pin 11	
Power Sliding Door (Right) N/A N/A Factory Alarm Arm green/white (driver door key lock) - Driver Door Module, black 20 pin plug, pin 16 Factory Alarm Disarm (same as factory alarm arm) - 180 ohms Disarm No Unlock (transponder and ignition) - Trunk Alarm Shunt N/A - Tachometer red/blk, red/yel, red/pur, red/gray, or red/blue ac any fuel injector, 2 pin plug, pin 2 Wait to Start N/A - - - Neutral Safety N/A - - Fuel Pump red/blk or blue/red (2.5L, TDI); black/pur (2.0L) + fuel pump relay under driver dash, brown 52 pin plug, pin 22 Rear Defroster black/green - latched VESCM under driver dash, white 52 pin plug, pin 22 Mirror Defroster yellow - Driver Door Module, gray 32 pin plug, pin 28	Fuel Door Release				
(Right)green/white (driver door key lock)-Driver Door Module, black 20 pin plug, pin 16Factory Alarm Disarm(same as factory alarm arm)- 180 ohmsDisarm No Unlock(transponder and ignition)-Trunk Alarm ShuntN/A-Tachometerred/blk, red/yel, red/pur, red/gray, or red/blueacWait to StartN/A-Neutral SafetyN/A-Clutch Pedalpurple/white or purple/black-Fuel Pumpred/blk or blue/red (2.5L, TDI); black/pur (2.0L)+fuel Pumpledk/green- latchedVESCM under driver dash, white 52 pin plug, pin 22Mirror Defrosteryellow-Left Front Heated Seat(CAN and LIN bus)	Power Sliding Door (Left)	N/A			
key lock)Factory Alarm Disarm(same as factory alarm arm)- 180 ohmsDisarm No Unlock(transponder and ignition)-Disarm No Unlock(transponder and ignition)-Trunk Alarm ShuntN/A-Tachometerred/blk, red/yel, red/pur, red/gray, or red/blueacWait to StartN/ANeutral SafetyN/AClutch Pedalpurple/white or purple/black-Fuel Pumpred/blk or blue/red (2.5L, TDI); black/pur (2.0L)+Rear Defrosterblack/green- latchedWirror Defrosteryellow-DisartCAN and LIN bus)-	Power Sliding Door (Right)	N/A			
arm)arm)Disarm No Unlock(transponder and ignition)Trunk Alarm ShuntN/AN/AATachometerred/blk, red/yel, red/pur, red/gray, or red/blueWait to StartN/AN/AANeutral SafetyN/AClutch Pedalpurple/white or purple/blackFuel Pumpred/blk or blue/red (2.5L, TDI); black/pur (2.0L)Rear Defrosterblack/greenblack/green- latchedVESCM under driver dash, white 52 pin plug, pin 22Mirror Defrosteryellow(CAN and LIN bus)-	Factory Alarm Arm		-	Driver Door Module, black 20 pin plug, pin 16	
Trunk Alarm Shunt N/A Tachometer red/blk, red/yel, red/pur, red/gray, or red/blue ac any fuel injector, 2 pin plug, pin 2 Wait to Start N/A A A Neutral Safety N/A VESCM under driver dash, brown 52 pin plug, pin 30 Fuel Pump red/blk or blue/red (2.5L, TDI); black/pur (2.0L) + fuel pump relay under driver dash; driver kick Rear Defroster black/green - latched VESCM under driver dash, white 52 pin plug, pin 22 Mirror Defroster yellow - Driver Door Module, gray 32 pin plug, pin 28	Factory Alarm Disarm		- 180 ohms		
Tachometerred/blk, red/yel, red/pur, red/gray, or red/blueacany fuel injector, 2 pin plug, pin 2Wait to StartN/Aacany fuel injector, 2 pin plug, pin 2Weutral SafetyN/AacClutch Pedalpurple/white or purple/black-VESCM under driver dash, brown 52 pin plug, pin 30Fuel Pumpred/blk or blue/red (2.5L, TDI); black/pur (2.0L)+fuel pump relay under driver dash; driver kickRear Defrosterblack/green- latchedVESCM under driver dash, white 52 pin plug, pin 22Mirror Defrosteryellow-Driver Door Module, gray 32 pin plug, pin 28Left Front Heated Seat(CAN and LIN bus)-	Disarm No Unlock	(transponder and ignition)			
red/gray, or red/blue red/gray, or red/blue Wait to Start N/A Neutral Safety N/A Clutch Pedal purple/white or purple/black - Fuel Pump red/blk or blue/red (2.5L, TDI); black/pur (2.0L) + Rear Defroster black/green - latched VESCM under driver dash, white 52 pin plug, pin 22 Mirror Defroster yellow - Left Front Heated Seat (CAN and LIN bus) -	Trunk Alarm Shunt	N/A			
Neutral Safety N/A Clutch Pedal purple/white or purple/black - VESCM under driver dash, brown 52 pin plug, pin 30 Fuel Pump red/blk or blue/red (2.5L, TDI); black/pur (2.0L) + fuel pump relay under driver dash; driver kick Rear Defroster black/green - latched VESCM under driver dash, white 52 pin plug, pin 22 Mirror Defroster yellow - Driver Door Module, gray 32 pin plug, pin 28 Left Front Heated Seat (CAN and LIN bus) - -	Tachometer		ас	any fuel injector, 2 pin plug, pin 2	
Clutch Pedal purple/white or purple/black - VESCM under driver dash, brown 52 pin plug, pin 30 Fuel Pump red/blk or blue/red (2.5L, TDI); black/pur (2.0L) + fuel pump relay under driver dash; driver kick Rear Defroster black/green - latched VESCM under driver dash, white 52 pin plug, pin 22 Mirror Defroster yellow - Driver Door Module, gray 32 pin plug, pin 28 Left Front Heated Seat (CAN and LIN bus) -	Wait to Start	N/A			
Fuel Pump red/blk or blue/red (2.5L, TDI); black/pur (2.0L) + fuel pump relay under driver dash; driver kick Rear Defroster black/green - latched VESCM under driver dash, white 52 pin plug, pin 22 Mirror Defroster yellow - Driver Door Module, gray 32 pin plug, pin 28 Left Front Heated Seat (CAN and LIN bus) -	Neutral Safety	N/A			
TDI); black/pur (2.0L) TDI); black/pur (2.0L) Rear Defroster black/green - latched VESCM under driver dash, white 52 pin plug, pin 22 Mirror Defroster yellow - Driver Door Module, gray 32 pin plug, pin 28 Left Front Heated Seat (CAN and LIN bus) -	Clutch Pedal	purple/white or purple/black	-	VESCM under driver dash, brown 52 pin plug, pin 30	
Mirror Defroster yellow - Driver Door Module, gray 32 pin plug, pin 28 Left Front Heated Seat (CAN and LIN bus) - <th>Fuel Pump</th> <th></th> <th>+</th> <th>fuel pump relay under driver dash; driver kick</th>	Fuel Pump		+	fuel pump relay under driver dash; driver kick	
Left Front Heated Seat (CAN and LIN bus)	Rear Defroster	black/green	- latched	VESCM under driver dash, white 52 pin plug, pin 22	
	Mirror Defroster	yellow	-	Driver Door Module, gray 32 pin plug, pin 28	
Right Front Heated Seat (CAN and LIN bus)	Left Front Heated Seat	(CAN and LIN bus)			
	Right Front Heated Seat	(CAN and LIN bus)			

Wiring Information (Continued)

Item	Wire Color	Polarity	Wire Location	
Speed Sense	white/purple (with power sunroof)	ac	instrument cluster, 32 pin plug, pin 9	
Brake Wire	black/red (functions with ignition on only)	+	VESCM under driver dash, brown 52 pin plug, pin 17	
Parking Brake	brown/yellow	-	parking brake switch or instrument cluster, 32 pin plug, pi 25	
Horn Trigger	red/brown	-	VESCM under driver dash, white 52 pin plug, pin 41	
Wipers	(CAN and LIN bus)			
Left Front Window (Up/Down)	(use factory alarm arm/disarm)			
Right Front Window (Up/Down)	(see left front window)			
Left Rear Window (Up/Down)	(see left front window)			
Right Rear Window (Up/Down)	(see left front window)			
Sun Roof (Open/Close)	(use factory alarm arm/disarm)			
Sun Roof (Limit/Close)	N/A			
Memory Seat 1	N/A			
Memory Seat 2	N/A			
Memory Seat 3	N/A			
Radio 12V	red/yellow	+	radio, 16 pin plug, pins 15, 16	
Radio Ground	brown	-	radio, 16 pin plug, pin 12	
Radio Ignition	(CAN bus)			
Radio Illumination	(CAN bus)			
Factory Amp Turn-on	(CAN bus)			
Power Antenna	N/A			
Left Front Speaker (+/-)	brown/green - brown/blue or green - brown	+,-	radio, 16 pin plug, pins 3 - 7	
Right Front Speaker (+/-)	brown/red - brown/black or blue - brown	+,-	radio, 16 pin plug, pins 2 - 6	
Left Rear Speaker (+/-)	red/white - brown/white or white - brown	+,-	radio, 16 pin plug, pins 4 - 8	
Right Rear Speaker (+/-)	red/purple - brown/purple or yellow - brown	+,-	radio, 16 pin plug, pins 1 - 5	
Center Channel (+/-)	N/A			
Subwoofer (+/-)	N/A			
Aux. Audio Input Left (+/-)	yellow - green	+,-	radio, 12 pin plug, pins 1 - 2	
Aux. Audio Input Right (+/-)	gray - green	+,-	radio, 12 pin plug, pins 7 - 2	
RSE Video (+/-)	N/A			
RSE Audio Left (+/-)	yellow - green (CD changer audio)	+,-	radio, 12 pin plug, pins 12 - 6	
RSE Audio Right (+/-)	blue - green (CD changer audio)	+,-	radio, 12 pin plug, pins 11 - 6	
Satellite Radio 12 Volts	(built into radio)			

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Satellite Radio Ignition	N/A		
Satellite Radio Antenna	N/A		
Satellite Audio Left (+/-)	N/A		
Satellite Audio Right (+/-)	N/A		

What Fits

Item	Size	Depth	Location
Headunit	irregular	Deptil	center of dash
Left Front Speaker	6.5	2.5	left front door
Left Front Tweeter	1	1	left front door
Right Front Speaker	6.5	2.5	right front door
Right Front Tweeter	1	1	right front door
Left Rear Speaker	6.5	2.5	left rear door or side panel
Left Rear Tweeter	1	1	left rear door or side panel
Right Rear Speaker	6.5	2.5	right rear door or side panel
Right Rear Tweeter	1	1	right rear door or side panel
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)		

Additional Wiring Notes

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ltem	Note	
Right Rear Door Trigger	On models without power window, it is black/green (-) at the VESCM under driver dash, black 52 pin plug, pin 30.	
Left Front Speaker (+/-)	On models with amplifier, the woofer wires are brown/red - brown/black at the amplifier under driver seat, 38 pin plug, pins 18 - 6. The tweeter wires are green/white - gray/white at the amplifier, 38 pin plug, pins 8 - 20.	
Right Front Speaker (+/-)	On models with amplifier, the woofer wires are brown/green - brown/blue at the amplifier under driver seat, 38 pin plug, pins 15 - 3. The tweeter wires are white/red - blue/red at the amplifier, 38 pin plug, pins 19 - 7.	
Left Rear Speaker (+/-)	On models with amplifier, the woofer wires are red/white - brown/white at the amplifier under driver seat, 38 pin plug, pins 9 - 21. The tweeter wires are blue/black - brown/black at the amplifier, 38 pin plug, pins 13 - 14.	
Right Rear Speaker (+/-)	On models with amplifier, the woofer wires are red/purple - brown/purple at the amplifier under driver seat, 38 pin plug, pins 22 - 10. The tweeter wires are gray - brown/gray at the amplifier, 38 pin plug, pins 12 - 11.	
Parking Lights (+)	If the gray/yellow is not present, interrupt the headlight switch off wire to turn on the parking lights. It is black/yellow at the VESCM under driver dash, black 52 pin plug, pin 18.	
Left Rear Door Trigger	On models without power window, it is black/blue (-) at the VESCM under driver dash, black 52 pin plug, pin 41.	