# 2013 BMW 6 Series (F12/F13)





## Wiring Information

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Item	Wire Color	Polarity	Wire Location
12 Volts	red (40A)	+	Car Access System under driver dash, 41 pin plug, pin 21
Second 12 Volts	N/A		
Starter	black (for starter kill only)	+ low curr	Car Access System under driver dash, 41 pin plug, pin 22
Second Starter	orange (SS1), black/white (SS2)	- resistor	start/stop btn or Car Access System under dr dash, 26 pin plg, pins 8,7
Ignition	green (for ignition sense only)	+ low curr	Car Access System under driver dash, 41 pin plug, pin 1
Second Ignition	N/A		
Third Ignition	N/A		
Accessory	N/A		
Second Accessory	N/A		
Third Accessory	N/A		
Key Sense	N/A		
Data Bus	(immobilizer antenna ring is in steering column)		
Can Bus High	yellow/red (K CAN)	data	Car Access System under driver dash, 41 pin plug, pin 35
Can Bus Low	yellow/brown (K CAN)	data	Car Access System under driver dash, 41 pin plug, pin 26
Can Bus Sw	N/A		
Power Lock	yellow/red (center dash switch)	-	Car Access System under driver dash, 26 pin plug, pin 3
Power Unlock	(same as power lock)		
Lock Motor	purple or black	5 wire	driver kick or Pass Dash Fuse Box ECU, 47 pin plug, pin 36 or 14
Unlock Motor	orange	5 wire	driver kick or Pass Dash Fuse Box ECU, 47 pin plug, pin 18
Disarm Defeat	yellow/white	5 wire	passenger kick or Pass Dash Fuse Box ECU, 47 pin plug, pin 19
Parking Lights (+)	(LIN bus - Front); gray/pur (LR); gray/yel (RR)	+	Footwell Module in driver kick, 51 pin plug (2B), pins 16, 18
Parking Lights (-)	(LIN bus)		
Hazards	brown/blue	-	Footwell Module in driver kick, 26 pin plug, pin 18
Turn Signal (Left)	blue/green (F); blue/green (R)	+	Footwell Mod in dr kick, 51P plug (2B), pin 13; 51P plug (3B), pin 45
Turn Signal (Right)	blue/brown (F); blue/brown (R)	+	Footwell Mod in dr kick, 51P plug (3B), pin 40; 51P plug (2B), pin 12

### Wiring Information (Continued)

Headlightyellow/green (L); yellow/blue (R)+Footwell Mod in dr kick, 51P plug (2B), pin 6; 51P plug (3B), pin 38AutoLights(LIN bus)Reverse Lightyellow/brown+Footwell Module in driver kick, 51 pin plug (3B), pin 47Left Front Door Triggerpurple/blue-Footwell Module in driver kick, 51 pin plug (3B), pin 24Right Front Door Triggerorange-Footwell Mod in driv kick, 51 pin plug (3B), pin 13Left Rear Door Triggergray/yellow (Gran Coupe)-Footwell Mod in driv kick, 51 pin plg (3B), pin 26Right Rear Door Triggergreen/yellow (Gran Coupe)-Footwell Mod in driv kick, 51 pin plg (3B), pin 15Dome Supervisionred/blue+Footwell Module in driver kick, 51 pin plg (2B), pin 35Trunk/Hatch Pingray/brown- N.C.Passenger Dash Fuse Box ECU, 54 pin plug, pin 11Rear Glass PinN/A-Car Access System under driver dash, 41 pin plug, pin 38	ltom	Wire Color	Delerity	Wire Leastion
AutoLights(LIN bus)(3B), pin 38AutoLights(LIN bus)(LIN bus)Reverse Lightyellow/brown+Footwell Module in driver kick, 51 pin plug (3B), pin 47Left Front Door Triggerpurple/blue-Footwell Module in driver kick, 51 pin plug (3B), pin 13Left Rear Door Triggergray/yellow (Gran Coupe)-Footwell Mod in driv kick, 51 pin plg (3B), pin 26Right Rear Door Triggergreen/yellow (Gran Coupe)-Footwell Mod in driv kick, 51 pin plg (3B), pin 15Dome Supervisionred/blue+Footwell Module in driver kick, 51 pin plg (2B), pin 35Trunk/Hatch Pingray/brown-N.C.Passenger Dash Fuse Box ECU, 54 pin plug, pin 11Rear Glass PinN/A-Hood Pinpurple/green-Car Access System under driver dash, 41 pin plug, pin 35Trunk Releasegreen/black-Car Access System under driver dash, 41 pin plug, pin 35Fuel Door Release(locks/unlocks along with doors)-Passenger Dash Fuse Box ECU, 47 pin plug, pin 32Fuel Door Release(locks/unlocks along with doors)-Footwell Module in driver kick, 51 pin plug (3B), pin 42Factory Alarm Armwhite/blue (driver door key unlock)-Footwell Module in driver kick, 51 pin plug (3B), pin 42Factory Alarm Armwhite/blue (driver door key unlock)-Footwell Module in driver kick, 51 pin plug (3B), pin 42Factory Alarm Armwhite/blue (driver door key unlock)-Footwell Module in driver kick, 51 pin plug (3B), pin 42Factory Alarm Disarmwhite/blue (dri	Item	Wire Color	Polarity	Wire Location
Reverse Light     yellow/brown     +     Footwell Module in driver kick, 51 pin plug (3B), pin 47       Left Front Door Trigger     purple/blue     -     Footwell Module in driver kick, 51 pin plug (3B), pin 24       Right Front Door Trigger     gray/yellow (Gran Coupe)     -     Footwell Mod in driv kick, 51 pin plug (3B), pin 26       Right Rear Door Trigger     graen/yellow (Gran Coupe)     -     Footwell Mod in driv kick, 51 pin plug (3B), pin 26       Dome Supervision     red/blue     +     Footwell Module in drive kick, 51 pin plug (3B), pin 35       Trunk/Hatch Pin     graen/yellow (Gran Coupe)     -     Footwell Module in driver kick, 51 pin plug (2B), pin 35       Trunk/Hatch Pin     gray/brown     - N.C.     Passenger Dash Fuse Box ECU, 54 pin plug, pin 11       Rear Glass Pin     N/A     -     Car Access System under driver dash, 41 pin plug, pin 35       Trunk Hatch/Release     green/black     -     Car Access System under driver dash, 41 pin plug, pin 32       Fuel Door Release     (locks/unlocks along with doors)     Power Sliding Door (Left)     N/A       Power Sliding Door     N/A     -     Footwell Module in driver kick, 51 pin plug (3B), pin 42       Factory Alarm Arm     white/yellow (driver door key unlock)	Headlight		+	
Left Front Door Trigger     purple/blue     -     Footwell Module in driver kick, 51 pin plug (3B), pin 24       Right Front Door Trigger     orange     -     Footwell Mod in driv kick, 51 pin plug (3B), pin 13       Left Rear Door Trigger     gray/yellow (Gran Coupe)     -     Footwell Mod in driv kick, 51 pin plg (3B), pin 26       Right Rear Door Trigger     green/yellow (Gran Coupe)     -     Footwell Mod in driv kick, 51 pin plg (3B), pin 26       Right Rear Door Trigger     green/yellow (Gran Coupe)     -     Footwell Mod in driv kick, 51 pin plg (3B), pin 15       Dome Supervision     red/blue     +     Footwell Module in driver kick, 51 pin plug (2B), pin 35       Trunk/Hatch Pin     gray/brown     - N.C.     Passenger Dash Fuse Box ECU, 54 pin plug, pin 13       Rear Glass Pin     N/A     -     Car Access System under driver dash, 41 pin plug, pin 35       Trunk Hatch/Release     green/black     -     Car Access System under driver dash, 41 pin plug, pin 32       Fuel Door Release     (locks/unlocks along with doors)     Passenger Dash Fuse Box ECU, 47 pin plug, pin 42       Power Silding Door     N/A     -     Footwell Module in driver kick, 51 pin plug (3B), pin 42       Factory Alarm Arm     white/blue (driver door key lock)	AutoLights	(LIN bus)		
Right Front Door Trigger   orange   -   Footwell Mod in driv kick, 51 pin plg (3B), pin 13     Left Rear Door Trigger   gray/yellow (Gran Coupe)   -   Footwell Mod in driv kick, 51 pin plg (3B), pin 26     Right Rear Door Trigger   green/yellow (Gran Coupe)   -   Footwell Mod in driv kick, 51 pin plg (3B), pin 15     Dome Supervision   red/blue   +   Footwell Module in drive kick, 51 pin plg (2B), pin 35     Trunk/Hatch Pin   gray/brown   - N.C.   Passenger Dash Fuse Box ECU, 54 pin plug, pin 11     Rear Glass Pin   N/A   -     Hood Pin   purple/green   -   Car Access System under driver dash, 41 pin plug, pin 35     Trunk Release Motor   gray/green   5 wire   Passenger Dash Fuse Box ECU, 47 pin plug, pin 12     Fuel Door Release   (locks/unlocks along with doors)   -   Footwell Module in driver kick, 51 pin plug (3B), pin 42     Kight from N/A   -   -   Footwell Module in driver kick, 51 pin plug (3B), pin 42     Kight from N/A   -   -   Footwell Module in driver kick, 51 pin plug (3B), pin 42     Kight jobor   N/A   -   Footwell Module in driver kick, 51 pin plug (3B), pin 42     Kight jobor   N/A   -   Footwell Module in driver kick, 51 pin	Reverse Light	yellow/brown	+	Footwell Module in driver kick, 51 pin plug (3B), pin 47
Left Rear Door Trigger     gray/yellow (Gran Coupe)     -     Footwell Mod in driv kick, 51 pin plg (3B), pin 26       Right Rear Door Trigger     green/yellow (Gran Coupe)     -     Footwell Mod in driv kick, 51 pin plg (3B), pin 15       Dome Supervision     red/blue     +     Footwell Module in driver kick, 51 pin plg (3B), pin 15       Trunk Hatch Pin     gray/prown     - N.C.     Passenger Dash Fuse Box ECU, 54 pin plug, pin 35       Trunk Hatch/Release     green/black     -     Car Access System under driver dash, 41 pin plug, pin 35       Trunk Hatch/Release     green/black     -     Car Access System under driver dash, 41 pin plug, pin 35       Trunk Release Motor     gray/green     5 wire     Passenger Dash Fuse Box ECU, 47 pin plug, pin 12       Fuel Door Release     (locks/unlocks along with doors)     -     Footwell Module in driver kick, 51 pin plug (3B), pin 42       Reght Rar Marm     white/yellow (driver door key lock)     -     Footwell Module in driver kick, 51 pin plug (3B), pin 42       Factory Alarm Disarm     white/pellow (driver door key unlock)     double -     Footwell Module in driver kick, 51 pin plug (3B), pin 42       Disarm No Unlock     (transponder and push-button start)     -     Footwell Module in driver kick, 51 pin plug, pin 9 </th <th>Left Front Door Trigger</th> <th>purple/blue</th> <th>-</th> <th>Footwell Module in driver kick, 51 pin plug (3B), pin 24</th>	Left Front Door Trigger	purple/blue	-	Footwell Module in driver kick, 51 pin plug (3B), pin 24
Right Rear Door Trigger   green/yellow (Gran Coupe)   -   Footwell Mod in driv kick, 51 pin plg (3B), pin 15     Dome Supervision   red/blue   +   Footwell Module in driver kick, 51 pin plg (3B), pin 35     Trunk/Hatch Pin   gray/brown   - N.C.   Passenger Dash Fuse Box ECU, 54 pin plug, pin 31     Rear Glass Pin   N/A   -   Car Access System under driver dash, 41 pin plug, pin 36     Hood Pin   purple/green   -   Car Access System under driver dash, 41 pin plug, pin 35     Trunk Hatch/Release   green/black   -   Car Access System under driver dash, 41 pin plug, pin 32     Fuel Door Release   (locks/unlocks along with doors)   Passenger Dash Fuse Box ECU, 47 pin plug, pin 12     Power Silding Door (Left)   N/A   Power Silding Door (Left)   N/A     Factory Alarm Arm   white/blue (driver door key unlock)   double -   Footwell Module in driver kick, 51 pin plug (3B), pin 42     fisarm No Unlock   (transponder and push-button start)   Footwell Module in driver kick, 51 pin plug, pin 9     Wait to Start   N/A    Footwell Module in driver kick, 51 pin plug, pin 9     Wait to Start   N/A       N/A    Footwell Module in driver kick, 51 pin plug, pin 9	Right Front Door Trigger	orange	-	Footwell Mod in driv kick, 51 pin plg (3B), pin 13
Dome Supervision   red/blue   +   Footwell Module in driver kick, 51 pin plug (2B), pin 35     Trunk/Hatch Pin   gray/brown   - N.C.   Passenger Dash Fuse Box ECU, 54 pin plug, pin 11     Rear Glass Pin   N/A   -     Hood Pin   purple/green   -   Car Access System under driver dash, 41 pin plug, pin 35     Trunk Hatch/Release   green/black   -   Car Access System under driver dash, 41 pin plug, pin 35     Trunk Release Motor   gray/green   5 wire   Passenger Dash Fuse Box ECU, 47 pin plug, pin 12     Fuel Door Release   (locks/unlocks along with doors)   -   Power Sliding Door (Left)   N/A     Power Sliding Door   N/A   -   -   Footwell Module in driver kick, 51 pin plug (3B), pin 42     Factory Alarm Arm   white/yellow (driver door key unlock)   -   Footwell Module in driver kick, 51 pin plug (3B), pin 42     Disarm No Unlock   (transponder and push-button start)   -   Footwell Module in driver kick, 51 pin plug, pin 9     Wait to Start   N/A   -   -   Footwell Module in driver kick, 51 pin plug, pin 9     Wait to Start   N/A   -   -   Footwell Module in driver kick, 51 pin plug, pin 41     Trunk Alarm Shunt   N/A <th>Left Rear Door Trigger</th> <th>gray/yellow (Gran Coupe)</th> <th>-</th> <th>Footwell Mod in driv kick, 51 pin plg (3B), pin 26</th>	Left Rear Door Trigger	gray/yellow (Gran Coupe)	-	Footwell Mod in driv kick, 51 pin plg (3B), pin 26
Trunk/Hatch Pin   gray/brown   - N.C.   Passenger Dash Fuse Box ECU, 54 pin plug, pin 11     Rear Glass Pin   N/A   -   Car Access System under driver dash, 41 pin plug, pin 36     Trunk Hatch/Release   green/black   -   Car Access System under driver dash, 41 pin plug, pin 35     Trunk Release Motor   gray/green   5 wire   Passenger Dash Fuse Box ECU, 47 pin plug, pin 12     Fuel Door Release   (locks/unlocks along with doors)   -   Passenger Dash Fuse Box ECU, 47 pin plug, pin 12     Power Sliding Door   N/A   -   -   Footwell Module in driver kick, 51 pin plug (3B), pin 42     Factory Alarm Arm   white/yellow (driver door key unlock)   -   Footwell Module in driver kick, 51 pin plug (3B), pin 42     Disarm No Unlock   (transponder and push-button start)   -   Footwell Module in driver kick, 51 pin plug (3B), pin 46     Trunk Alarm Shunt   N/A   -   -   Footwell Module in driver kick, 51 pin plug (3B), pin 46     Trunk Alarm Shunt   N/A   -   -   Footwell Module in driver kick, 51 pin plug (3B), pin 46     Trunk Alarm Shunt   N/A   -   -   Footwell Module in driver kick, 51 pin plug (3B), pin 46     Trunk Alarm Shunt   N/A   -   - <td< th=""><th>Right Rear Door Trigger</th><th>green/yellow (Gran Coupe)</th><th>-</th><th>Footwell Mod in driv kick, 51 pin plg (3B), pin 15</th></td<>	Right Rear Door Trigger	green/yellow (Gran Coupe)	-	Footwell Mod in driv kick, 51 pin plg (3B), pin 15
Rear Glass Pin   N/A   Car Access System under driver dash, 41 pin plug, pin 38     Trunk Hatch/Release   green/black   -   Car Access System under driver dash, 41 pin plug, pin 38     Trunk Release Motor   gray/green   5 wire   Passenger Dash Fuse Box ECU, 47 pin plug, pin 12     Fuel Door Release   (locks/unlocks along with doors)   -   Power Sliding Door (Left)   N/A     Power Sliding Door (Left)   N/A   -   -   Footwell Module in driver kick, 51 pin plug (3B), pin 42     Factory Alarm Arm   white/yellow (driver door key unlock)   -   Footwell Module in driver kick, 51 pin plug (3B), pin 42     Factory Alarm Disarm   white/blue (driver door key unlock)   -   Footwell Module in driver kick, 51 pin plug (3B), pin 46     Disarm No Unlock   (transponder and push-button start)   -   Footwell Module in driver kick, 51 pin plug, pin 9     Wait to Start   N/A   -   -   Footwell Module in driver kick, 51 pin plug, pin 9     Wait to Start   N/A   -   -   -   Footwell Module in driver kick, 51 pin plug, pin 9     Wait to Start   N/A   -   -   -   Footwell Module in driver kick, 51 pin plug, pin 9     Wait to Start   N/A   -   - </th <th>Dome Supervision</th> <th>red/blue</th> <th>+</th> <th>Footwell Module in driver kick, 51 pin plug (2B), pin 35</th>	Dome Supervision	red/blue	+	Footwell Module in driver kick, 51 pin plug (2B), pin 35
Hood Pinpurple/green-Car Access System under driver dash, 41 pin plug, pin 38Trunk Hatch/Releasegreen/black-Car Access System under driver dash, 41 pin plug, pin 38Trunk Release Motorgray/green5 wirePassenger Dash Fuse Box ECU, 47 pin plug, pin 12Fuel Door Release(locks/unlocks along with doors)-Passenger Dash Fuse Box ECU, 47 pin plug, pin 12Power Sliding Door (Left)N/A-Power Sliding DoorN/A-Factory Alarm Armwhite/yellow (driver door key lock)-Footwell Module in driver kick, 51 pin plug (3B), pin 42Factory Alarm Disarmwhite/blue (driver door key unlock)double -Footwell Module in driver kick, 51 pin plug (3B), pin 46Disarm No Unlock(transponder and push-button start)-Footwell Module in driver kick, 51 pin plug (3B), pin 46Trunk Alarm ShuntN/AN/AWait to StartN/A-Neutral SafetyN/A-Fuel Pumpred/green+Clutch Pedalblue+Clutch Pedalblue+Puer Defroster(LIN bus)Left Front Heated Seat(LIN bus or K CAN)	Trunk/Hatch Pin	gray/brown	- N.C.	Passenger Dash Fuse Box ECU, 54 pin plug, pin 11
Trunk Hatch/Release   green/black   -   Car Access System under driver dash, 41 pin plug, pin 35     Trunk Release Motor   gray/green   5 wire   Passenger Dash Fuse Box ECU, 47 pin plug, pin 12     Fuel Door Release   (locks/unlocks along with doors)   -   Passenger Dash Fuse Box ECU, 47 pin plug, pin 12     Power Sliding Door (Left)   N/A   -   Power Sliding Door (Right)   N/A     Factory Alarm Arm   white/yellow (driver door key unlock)   -   Footwell Module in driver kick, 51 pin plug (3B), pin 42     Factory Alarm Disarm   white/blue (driver door key unlock)   double -   Footwell Module in driver kick, 51 pin plug (3B), pin 46     Disarm No Unlock   (transponder and push-button start)   -   Footwell Module in driver kick, 51 pin plug, pin 9     Wait to Start   N/A   -   -   Footwell Module in driver kick, 51 pin plug, pin 9     Wait to Start   N/A   -   -   Footwell Module in driver kick, 51 pin plug, pin 9     Wait to Start   N/A   -   -   -   Footwell Module in driver kick, 41 pin plug, pin 41     Fuel Pump   red/green   +   Car Access Sys under dr dash, 41 pin plug, pin 41     Fuel Pump   red/green   +   rear fuse holder, plug	Rear Glass Pin	N/A		
Trunk Release Motor   gray/green   5 wire   Passenger Dash Fuse Box ECU, 47 pin plug, pin 12     Fuel Door Release   (locks/unlocks along with doors)   -   Passenger Dash Fuse Box ECU, 47 pin plug, pin 12     Power Sliding Door (Left)   N/A   -   -     Power Sliding Door (Right)   N/A   -   -     Factory Alarm Arm   white/yellow (driver door key unlock)   -   Footwell Module in driver kick, 51 pin plug (3B), pin 42     Factory Alarm Disarm   white/blue (driver door key unlock)   double -   Footwell Module in driver kick, 51 pin plug (3B), pin 46     Disarm No Unlock   (transponder and push-button start)   -   Footwell Module in driver kick, 51 pin plug, pin 9     Wait to Start   N/A   -   -   Footwell Module in driver kick, 51 pin plug, pin 9     Wait to Start   N/A   -   -   -   Footwell Module in driver kick, 51 pin plug, pin 9     Wait to Start   N/A   -   -   -   -   -     Neutral Safety   N/A   -   -   -   -   -     Clutch Pedal   blue   +   Car Access Sys under dr dash, 41 pin plug, pin 41   -     Fuel Pump   red/green <th>Hood Pin</th> <th>purple/green</th> <th>-</th> <th>Car Access System under driver dash, 41 pin plug, pin 38</th>	Hood Pin	purple/green	-	Car Access System under driver dash, 41 pin plug, pin 38
Fuel Door Release   (locks/unlocks along with doors)	Trunk Hatch/Release	green/black	-	Car Access System under driver dash, 41 pin plug, pin 39
doors)doors)Power Sliding Door (Left)N/APower Sliding Door (Right)N/AFactory Alarm Armwhite/yellow (driver door key lock)-Footwell Module in driver kick, 51 pin plug (3B), pin 42Factory Alarm Disarmwhite/bule (driver door key unlock)double -Footwell Module in driver kick, 51 pin plug (3B), pin 46Disarm No Unlock(transponder and push-button start)double -Footwell Module in driver kick, 51 pin plug (3B), pin 46Trunk Alarm ShuntN/A-Tachometerblackacdata link connector, 16 pin plug, pin 9Wait to StartN/A-Neutral SafetyN/A-Clutch Pedalblue+Car Access Sys under dr dash, 41 pin plug, pin 41Fuel Pumpred/green+rear fuse holder, plug (5B), pin 1Rear Defrosterblue/yellow+ latchedPassenger Dash Fuse Box ECU, 47 pin plug, pin 4Mirror Defroster(LIN bus)-Left Front Heated Seat(LIN bus or K CAN)-	Trunk Release Motor	gray/green	5 wire	Passenger Dash Fuse Box ECU, 47 pin plug, pin 12
Power Sliding Door (Right)N/AN/AFactory Alarm Armwhite/yellow (driver door key lock)-Footwell Module in driver kick, 51 pin plug (3B), pin 42Factory Alarm Disarmwhite/blue (driver door key unlock)double -Footwell Module in driver kick, 51 pin plug (3B), pin 46Disarm No Unlock(transponder and push-button start)Footwell Module in driver kick, 51 pin plug (3B), pin 46Trunk Alarm ShuntN/A-TachometerblackacMait to StartN/ANeutral SafetyN/AClutch Pedalblue+Fuel Pumpred/greenred/green+rear fuse holder, plug (5B), pin 1Rear Defrosterblue/yellowLeft Front Heated Seat(LIN bus or K CAN)	Fuel Door Release			
(Right)white/yellow (driver door key lock)Footwell Module in driver kick, 51 pin plug (3B), pin 42Factory Alarm Disarmwhite/blue (driver door key unlock)double -Footwell Module in driver kick, 51 pin plug (3B), pin 46Disarm No Unlock(transponder and push-button start)double -Footwell Module in driver kick, 51 pin plug (3B), pin 46Trunk Alarm ShuntN/A-Tachometerblackacdata link connector, 16 pin plug, pin 9Wait to StartN/A-Nutral SafetyN/A-Clutch Pedalblue+Car Access Sys under dr dash, 41 pin plug, pin 41Fuel Pumpred/green+rear fuse holder, plug (5B), pin 1Rear Defrosterblue/yellow+ latchedPassenger Dash Fuse Box ECU, 47 pin plug, pin 4Mirror Defroster(LIN bus)-Left Front Heated Seat(LIN bus or K CAN)-	Power Sliding Door (Left)	N/A		
key lock)key lockFactory Alarm Disarmwhite/blue (driver door key unlock)double - double -Footwell Module in driver kick, 51 pin plug (3B), pin 46Disarm No Unlock(transponder and push-button start)double -Footwell Module in driver kick, 51 pin plug (3B), pin 46Trunk Alarm ShuntN/AImage: Comparison of the push-button start)mean of the push-button start)mean of the push-button start)Trunk Alarm ShuntN/AImage: Comparison of the push-button start)mean of the push-button start)mean of the push-button start)Tachometerblackacdata link connector, 16 pin plug, pin 9Wait to StartN/AImage: Comparison of the push-button start)mean of the push-button start)Wait to StartN/AImage: Comparison of the push-button start)mean of the push-button start)Wait to StartN/AImage: Comparison of the push-button of the push		N/A		
unlock)unlockDisarm No Unlock(transponder and push-button start)Trunk Alarm ShuntN/ATachometerblackacdata link connector, 16 pin plug, pin 9Wait to StartN/ANeutral SafetyN/AClutch Pedalblueblue+Car Access Sys under dr dash, 41 pin plug, pin 41Fuel Pumpred/greenRear Defrosterblue/yellowblue/yellow+ latchedPassenger Dash Fuse Box ECU, 47 pin plug, pin 4Mirror Defroster(LIN bus)Left Front Heated Seat(LIN bus or K CAN)	Factory Alarm Arm		-	Footwell Module in driver kick, 51 pin plug (3B), pin 42
push-button start)Image: constraint of the start of the st	Factory Alarm Disarm		double -	Footwell Module in driver kick, 51 pin plug (3B), pin 46
Tachometerblackacdata link connector, 16 pin plug, pin 9Wait to StartN/ANeutral SafetyN/AClutch Pedalblue+Car Access Sys under dr dash, 41 pin plug, pin 41Fuel Pumpred/green+rear fuse holder, plug (5B), pin 1Rear Defrosterblue/yellow+ latchedPassenger Dash Fuse Box ECU, 47 pin plug, pin 4Mirror Defroster(LIN bus)Left Front Heated Seat(LIN bus or K CAN)	Disarm No Unlock			
Wait to StartN/AANeutral SafetyN/AAClutch Pedalblue+Car Access Sys under dr dash, 41 pin plug, pin 41Fuel Pumpred/green+rear fuse holder, plug (5B), pin 1Rear Defrosterblue/yellow+ latchedPassenger Dash Fuse Box ECU, 47 pin plug, pin 4Mirror Defroster(LIN bus)ALeft Front Heated Seat(LIN bus or K CAN)A	Trunk Alarm Shunt	N/A		
Neutral SafetyN/AImage: Clutch PedalClutch Pedalblue+Car Access Sys under dr dash, 41 pin plug, pin 41Fuel Pumpred/green+rear fuse holder, plug (5B), pin 1Rear Defrosterblue/yellow+ latchedPassenger Dash Fuse Box ECU, 47 pin plug, pin 4Mirror Defroster(LIN bus)Image: Club Sont CANLeft Front Heated Seat(LIN bus or K CAN)Image: Club Sont Canada Sont Can	Tachometer	black	ac	data link connector, 16 pin plug, pin 9
Clutch Pedalblue+Car Access Sys under dr dash, 41 pin plug, pin 41Fuel Pumpred/green+rear fuse holder, plug (5B), pin 1Rear Defrosterblue/yellow+ latchedPassenger Dash Fuse Box ECU, 47 pin plug, pin 4Mirror Defroster(LIN bus)Left Front Heated Seat(LIN bus or K CAN)	Wait to Start	N/A		
Fuel Pump     red/green     +     rear fuse holder, plug (5B), pin 1       Rear Defroster     blue/yellow     + latched     Passenger Dash Fuse Box ECU, 47 pin plug, pin 4       Mirror Defroster     (LIN bus)         Left Front Heated Seat     (LIN bus or K CAN)	Neutral Safety	N/A		
Rear Defroster blue/yellow + latched Passenger Dash Fuse Box ECU, 47 pin plug, pin 4   Mirror Defroster (LIN bus) Passenger Dash Fuse Box ECU, 47 pin plug, pin 4   Left Front Heated Seat (LIN bus or K CAN) Passenger Dash Fuse Box ECU, 47 pin plug, pin 4	Clutch Pedal	blue	+	Car Access Sys under dr dash, 41 pin plug, pin 41
Mirror Defroster     (LIN bus)       Left Front Heated Seat     (LIN bus or K CAN)	Fuel Pump	red/green	+	rear fuse holder, plug (5B), pin 1
Left Front Heated Seat (LIN bus or K CAN)	Rear Defroster	blue/yellow	+ latched	Passenger Dash Fuse Box ECU, 47 pin plug, pin 4
	Mirror Defroster	(LIN bus)		
Right Front Heated Seat (LIN bus or K CAN)	Left Front Heated Seat	(LIN bus or K CAN)		
	Right Front Heated Seat	(LIN bus or K CAN)		

## Wiring Information (Continued)

ltem	Wire Color	Polarity	Wire Location
Speed Sense	yellow/purple	ac	Parking Brake Control Module in RR cargo floor, 22 pin plug, pin 7
Brake Wire	brown/gray (functions with ignition on only)	+	Car Access System under driver dash, 41 pin plug, pin 32
Parking Brake	(electric parking brake)		
Horn Trigger	red/brown	+	passenger dash fuse box, plug (8B), pin 6
Wipers	(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	(LIN bus)		
Memory Seat 2	(LIN bus)		
Memory Seat 3	N/A		
Radio 12V	red/white or red/yellow	+	radio, 40 pin plug, pin 15
Radio Ground	brown	-	radio, 40 pin plug, pin 12
Radio Ignition	(K CAN)		
Radio Illumination	N/A		
Factory Amp Turn-on	(same as power ant - HiFi); (MOST bus - Top HiFi)		
Power Antenna	black/white	+	radio, 40 pin plug, pin 13
Left Front Speaker (+/-)	yellow/red - yellow/brown	+,-	radio, 40 pin plug, pins 3 - 7
Right Front Speaker (+/-)	purple/red - purple/brown	+,-	radio, 40 pin plug, pins 2 - 6
Left Rear Speaker (+/-)	brown/red - brown/blue	+,-	radio, 40 pin plug, pins 4 - 8
Right Rear Speaker (+/-)	green/red - green/brown	+,-	radio, 40 pin plug, pins 1 - 5
Center Channel (+/-)	black/white - black/purple	+,-	amp, 42 pin plg, pins 39-40 (HiFi), or 20 pin plg, pins 5-15 (Top HiFi)
Subwoofer (+/-)	N/A		
Aux. Audio Input Left (+/-)	gray - brown	+,-	radio, 40 pin plug, pins 30 - 36
Aux. Audio Input Right (+/-)	blue - brown	+,-	radio, 40 pin plug, pins 35 - 36
RSE Video (+/-)	white - (shield) (DVD changer)	+,-	radio, 40 pin plug, pins 24 - 23
RSE Audio Left (+/-)	(MOST bus)		
RSE Audio Right (+/-)	(MOST bus)		
Satellite Radio 12 Volts	N/A		
Satellite Radio Ground	N/A		
Satellite Radio Ignition	N/A		
Satellite Radio Antenna	N/A		

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Satellite Audio Right (+/-)	N/A		

#### What Fits

Item	Size	Depth	Location
Headunit	irregular		center of dash
Left Front Speaker	8.54		under left front seat
Left Front Tweeter	0.98 (tweeter); 3.94 (midrange)		left front door
Right Front Speaker	8.54		under right front seat
Right Front Tweeter	0.98 (tweeter); 3.94 (midrange)		right front door
Left Rear Speaker	3.94 (midrange); 3.94 (midrange)		left rear side panel; left rear deck (Top HiFi)
Left Rear Tweeter	0.98 (tweeter); 0.98 (tweeter)		left rear side panel; left rear deck (Top HiFi)
Right Rear Speaker	3.94 (midrange); 3.94 (midrange)		right rear side panel; right rear deck (Top HiFi)
Right Rear Tweeter	0.98 (tweeter); 0.98 (tweeter)		right rear side panel; right rear deck (Top HiFi)
Center Channel	0.98 (tweeter); 3.94 (midrange)		top center of dash
Subwoofer	N/A		
Left Front Headrest			
Right Front Headrest			
Left Right Headrest			
Right Rear Headrest			
Satellite Radio Tuner	(built into radio)		

## Additional Wiring Notes

Item	Note
	On models with amplifier, the speaker wire are black/red - black/brown (woofer); black/red - black/brown (tweeter/midrange) at the amplifier in left side of trunk, 42 pin plug, pins 4 - 3; 33 - 34 (HiFi), or 20 pin plug, pins 8 - 18; 19 - 9 (Top HiFi).
	On models with amplifier, the speaker wire are blue/red - blue/brown (woofer); blue/red - blue/brown (tweeter/midrange) at the amplifier in left side of trunk, 42 pin plug, pins 23 - 22; 11 - 12 (HiFi), or 20 pin plug, pins 6 - 16; 17 - 7 (Top HiFi).
,	On models with amplifier, the speaker wire are white/red - white/brown at the amplifier in left side of trunk, 42 pin plug, pins 31 - 32 (HiFi), or 20 pin plug, pins 14 - 4 (Top HiFi). The speaker 2 wires are yellow/red - yellow/brown at the amplifier, 20 pin plug, pins 1 - 11 (Top HiFi).
	On models with amplifier, the speaker wire are gray/red - gray/brown or yellow/red - yellow/brown at the amplifier in left side of trunk, 42 pin plug, pins 13 - 21 (HiFi), or 20 pin plug, pins 13 - 3 (Top HiFi). The speaker 2 wires are purple/red - purple/brown at the amplifier, 20 pin plug, pins 12 - 2 (Top HiFi).