

## 2010 Pontiac Solstice



### Wiring Information

Item	Wire Color	Polarity	Wire Location
<b>12 Volts</b>	red/black (50A)	+	BCM, red 41 pin plug (X3), pin D1
<b>Second 12 Volts</b>	red/black (40A), red/black (30A)	+	BCM, red 41 pin plug (X3), pins D12 and D10
<b>Starter</b>	purple (not for remote start)	+	underhood fuse box, gray 64 pin plug, pin E7
<b>Second Starter</b>	white	+9.6K ohms	ignition switch, green 6 pin plug, pin 5
<b>Ignition</b>	yellow	+	ignition switch, green 6 pin plug, pin 3
<b>Second Ignition</b>	N/A		
<b>Third Ignition</b>	N/A		
<b>Accessory</b>	brown	+	ignition switch, green 6 pin plug, pin 4
<b>Second Accessory</b>	same as second starter	+6.3K ohms	
<b>Third Accessory</b>	N/A		
<b>Key Sense</b>	same as second starter		
<b>Data Bus</b>	white (resistor code), white/black (5V reference)	mux	ignition switch, green 6 pin plug, pins 5 and 6
<b>Can Bus High</b>	N/A		
<b>Can Bus Low</b>	N/A		
<b>Can Bus Sw</b>	dk. green to lt. green/black (low speed GMLAN)	data	data link conn, bk 16 pin plg, pin 1 or BCM, gry 72 pin plg(X2), pin 38
<b>Power Lock</b>	white or brown	-	BCM, gray 72 pin plug (X1), pin 7
<b>Power Unlock</b>	same as power lock	-1.5K ohms	
<b>Lock Motor</b>	gray	5 wire	BCM, red 41 pin plug (X3), pin A4
<b>Unlock Motor</b>	tan	5 wire	BCM, red 41 pin plug (X3), pin B1
<b>Disarm Defeat</b>	tan	5 wire	BCM, red 41 pin plug (X3), pin A1
<b>Parking Lights (+)</b>	brown	+	BCM, red 41 pin plug (X3), pin A7
<b>Parking Lights (-)</b>	brown/white	-	headlight switch or BCM, gray 72 pin plug (X2), pin 5
<b>Hazards</b>	white	-	hazard switch or BCM, gray 72 pin plug (X2), pin 9
<b>Turn Signal (Left)</b>	lt. blue (F); yellow (R)	+	BCM, gray 72 pin plug (X1), pin 35; red 41 pin plug (X3), pin A9
<b>Turn Signal (Right)</b>	dk. blue (F); dk. green (R)	+	BCM, gray 72 pin plug (X1), pin 17; red 41 pin plug (X3), pin A12

*Wiring Information (Continued)*

Item	Wire Color	Polarity	Wire Location
<b>Headlight</b>	white	-	headlight switch or BCM, gray 72 pin plug (X2), pin 15
<b>AutoLights</b>	purple/white (ground to turn off autolights)	-	headlight sw or BCM, gray 72 pin plug (X2), pin 17
<b>Reverse Light</b>	lt. green	+	passenger kick, harness to rear
<b>Left Front Door Trigger</b>	gray/black	-	BCM, gray 72 pin plug (X1), pin 22
<b>Right Front Door Trigger</b>	tan/white	-	BCM, gray 72 pin plug (X1), pin 19
<b>Left Rear Door Trigger</b>	N/A		
<b>Right Rear Door Trigger</b>	N/A		
<b>Dome Supervision</b>	gray	-	BCM, red 41 pin plug (X3), pin A10
<b>Trunk/Hatch Pin</b>	orange/black	-	BCM, gray 72 pin plug (X1), pin 55
<b>Rear Glass Pin</b>	N/A		
<b>Hood Pin</b>	N/A		
<b>Trunk Hatch/Release</b>	tan	-	release switch or BCM, gray 72 pin plug (X2), pin 10
<b>Trunk Release Motor</b>	tan/white	+	driver kick, harness to rear
<b>Fuel Door Release</b>	N/A		
<b>Power Sliding Door (Left)</b>	N/A		
<b>Power Sliding Door (Right)</b>	N/A		
<b>Factory Alarm Arm</b>	factory remote only		
<b>Factory Alarm Disarm</b>	factory remote only		
<b>Disarm No Unlock</b>	Passkey and ignition		
<b>Trunk Alarm Shunt</b>	N/A		
<b>Tachometer</b>	black, green/blk, pink/blk, or lt. blue/blk (2.4L)	ac	any fuel injector
<b>Wait to Start</b>	N/A		
<b>Neutral Safety</b>	N/A		
<b>Clutch Pedal</b>	lt. green	- 180 ohms	clutch switch, black 3 pin plug, pin B
<b>Fuel Pump</b>	gray	+	passenger kick, harness to rear
<b>Rear Defroster</b>	lt. blue	- latched	BCM, gray 72 pin plug (X2), pin 68
<b>Mirror Defroster</b>	N/A		
<b>Left Front Heated Seat</b>	N/A		
<b>Right Front Heated Seat</b>	N/A		

## Wiring Information (Continued)

Item	Wire Color	Polarity	Wire Location
Speed Sense	yellow	ac	Transmission Control Module, black 42 pin plug, pin 1 (A/T)
Brake Wire	lt. blue	+	BCM, gray 72 pin plug (X1), pin 31
Parking Brake	lt. blue	-	parking brake switch or BCM, gray 72 pin plug (X1), pin 14
Horn Trigger	tan	-	horn switch or BCM, gray 72 pin plug (X2), pin 14
Wipers	dk. green	+	BCM, gray 72 pin plug (X1), pin 51
Left Front Window (Up/Down)	dk. blue - brown	A	driver window switch, black 8 pin plug, pins G and H
Right Front Window (Up/Down)	lt. blue - tan	A	driver window switch, black 8 pin plug, pins A and D
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/white	+	radio, black 14 pin plug, pin 1
Radio Ground	black/white	-	radio, black 14 pin plug, pin 8
Radio Ignition	(low speed GMLAN)		
Radio Illumination	(low speed GMLAN)		
Factory Amp Turn-on	pink	+	radio, black 16 pin plug, pin 3
Power Antenna	N/A		
Left Front Speaker (+/-)	tan - gray or tan - dk. green	+,-	radio, black 14 pin plug, pins 7 and 6
Right Front Speaker (+/-)	lt. green - dk. green or lt. green/wht - lt. green	+,-	radio, black 14 pin plug, pins 5 and 4
Left Rear Speaker (+/-)	brown - yellow or brown/white - brown	+,-	radio, black 16 pin plug, pins 7 and 6
Right Rear Speaker (+/-)	dk. blue - lt. blue or dk. blue - tan	+,-	radio, black 16 pin plug, pins 5 and 4
Center Channel (+/-)	N/A		
Subwoofer (+/-)	dk blu/wht - lt grn/blk(1), dk grn - lt blu/blk(2)	+,-	amplifier, black 8 pin plug, pins 3 and 4 (1), 8 and 7 (2)
Aux. Audio Input Left (+/-)	brown/white - tan/white (satellite audio)	+,-	radio, black 16 pin plug, pins 1 and 9
Aux. Audio Input Right (+/-)	dk. green/white - tan/white (satellite audio)	+,-	radio, black 16 pin plug, pins 2 and 9
RSE Video (+/-)	N/A		
RSE Audio Left (+/-)	N/A		

DirectWire Vehicle RSE Audio Right (+/-)	Information - 5/3/2012 1:52:58 AM N/A		
Satellite Radio 12 Volts	red/white	+	Digital Radio Receiver, black 16 pin plug, pin 16
Satellite Radio Ground	black/white	-	Digital Radio Receiver, black 16 pin plug, pin 9
Satellite Radio Ignition	(low speed GMLAN)		
Satellite Radio Antenna	(coaxial cable)		
Satellite Audio Left (+/-)	brown/white - tan/white	+,-	Digital Radio Receiver, blk 16 pin plg, pins 2, 10
Satellite Audio Right (+/-)	dk. green/white - tan/white	+,-	Digital Radio Receiver, blk 16 pin plg, pins 3, 10

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*What Fits*


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Item	Size	Depth	Location
<b>Headunit</b>	double DIN		center of dash
<b>Left Front Speaker</b>	6.5		left front door
<b>Left Front Tweeter</b>	1.0		left front pillar
<b>Right Front Speaker</b>	6.5		right front door
<b>Right Front Tweeter</b>	1.0		right front pilar
<b>Left Rear Speaker</b>	3.5		left rear cabin wall
<b>Left Rear Tweeter</b>	N/A		
<b>Right Rear Speaker</b>	3.5		right rear cabin wall
<b>Right Rear Tweeter</b>	N/A		
<b>Center Channel</b>	N/A		
<b>Subwoofer</b>			rear cabin wall
<b>Left Front Headrest</b>			
<b>Right Front Headrest</b>			
<b>Left Right Headrest</b>			
<b>Right Rear Headrest</b>			
<b>Satellite Radio Tuner</b>			right side of luggage compartment

*Additional Wiring Notes*

Item	Note
<b>12 Volts</b>	The BCM (Body Control Module) is the fuse/relay box in the passenger footwell, under the glove box.
<b>Second 12 Volts</b>	The BCM (Body Control Module) is the fuse/relay box in the passenger footwell, under the glove box.
<b>Second Starter</b>	If interface module is not available, see Tech Doc 1605.
<b>Data Bus</b>	Also found at the BCM, gray 72 pin plug (X2), pins 56 and 62. The BCM (Body Control Module) is the fuse/relay box in the passenger footwell, under the glove box.
<b>Can Bus sw</b>	The BCM (Body Control Module) is the fuse/relay box in the passenger footwell, under the glove box.
<b>Power Lock</b>	The BCM (Body Control Module) is the fuse/relay box in the passenger footwell, under the glove box.
<b>Lock Motor</b>	The BCM (Body Control Module) is the fuse/relay box in the passenger footwell, under the glove box.
<b>Driver Unlock Motor</b>	The BCM (Body Control Module) is the fuse/relay box in the passenger footwell, under the glove box.
<b>Passenger Unlock Motor</b>	The BCM (Body Control Module) is the fuse/relay box in the passenger footwell, under the glove box.
<b>Left Front Door Trigger</b>	The BCM (Body Control Module) is the fuse/relay box in the passenger footwell, under the glove box.
<b>Right Front Door Trigger</b>	The BCM (Body Control Module) is the fuse/relay box in the passenger footwell, under the glove box.
<b>Parking Lights (-)</b>	The BCM (Body Control Module) is the fuse/relay box in the passenger footwell, under the glove box.
<b>Hazards</b>	The BCM (Body Control Module) is the fuse/relay box in the passenger footwell, under the glove box.
<b>Turn Signal (Left)</b>	The BCM (Body Control Module) is the fuse/relay box in the passenger footwell, under the glove box.
<b>Turn Signal (Right)</b>	The BCM (Body Control Module) is the fuse/relay box in the passenger footwell, under the glove box.
<b>Brake Wire</b>	The BCM (Body Control Module) is the fuse/relay box in the passenger footwell, under the glove box.
<b>Headlight</b>	The BCM (Body Control Module) is the fuse/relay box in the passenger footwell, under the glove box.
<b>AutoLights</b>	The BCM (Body Control Module) is the fuse/relay box in the passenger footwell, under the glove box.
<b>Parking Lights (+)</b>	The BCM (Body Control Module) is the fuse/relay box in the passenger footwell, under the glove box.
<b>Trunk/Hatch Pin</b>	The BCM (Body Control Module) is the fuse/relay box in the passenger footwell, under the glove box.
<b>Dome Supervision</b>	The BCM (Body Control Module) is the fuse/relay box in the passenger footwell, under the glove box.
<b>Trunk Hatch/Release</b>	The BCM (Body Control Module) is the fuse/relay box in the passenger footwell, under the glove box.
<b>Tachometer</b>	On 2.0L models, they are brown, dk. blue, dk. green, or lt. blue at any fuel injector.
<b>Clutch Pedal</b>	See Tech Doc 10001 for clutch bypass.
<b>Rear Defroster</b>	The BCM (Body Control Module) is the fuse/relay box in the passenger footwell, under the glove box.
<b>Speed Sense</b>	The Transmission Control Module is in the left rear corner of the engine compartment, under the Engine Control Module. On 2.4L M/T models, it is at the Engine Control Module, black 73 pin plug