

## 2008 Pontiac Solstice

### Wiring Information

Item	Wire Color	Polarity	Wire Location
<b>12 Volts</b>	red/black (50A)	+	BCM, red 41 pin plug (C3), pin D1
<b>Second 12 Volts</b>	red/black (40A)	+	BCM, red 41 pin plug (C3), pin D12
<b>Starter</b>	pink/white (not for remote start)	-	ECM, 58 pin plg(C2), pin 57 (2.0L) or 73 pin plg(C1), pin 32 (2.4L)
<b>Second Starter</b>	white	+9.6K ohms	ignition switch or BCM, gray 72 pin plug (C2), pin 56
<b>Ignition</b>	yellow	+	ignition switch or BCM, rear, lt. gray 68 pin plug (C4), pin D3
<b>Second Ignition</b>	N/A		
<b>Third Ignition</b>	N/A		
<b>Accessory</b>	brown	+	ignition switch or BCM, rear, lt. gray 68 pin plug (C4), pin C8
<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 or BCM, gray 72 pin plug (C2), pins 56 and 62
<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 (GMLAN Serial Data)	data	data link connector, pin 1 or BCM, gray 72 pin plug (C2), pin 38
<b>Power Lock</b>	white	-	driver kick or BCM, gray 72 pin plug (C1), pin 7
<b>Power Unlock</b>	same as power lock	-1.5K ohms	
<b>Lock Motor</b>	gray	5 wire	driver kick or BCM, red 41 pin plug (C3), pin A4 or A5
<b>Unlock Motor</b>	tan	5 wire	driver kick or BCM, red 41 pin plug (C3), pin B1
<b>Disarm Defeat</b>	tan	5 wire	passenger kick or BCM, red 41 pin plug (C3), pin A1
<b>Parking Lights (+)</b>	brown	+	driver kick or BCM, red 41 pin plug (C3), pin A7
<b>Parking Lights (-)</b>	brown/white	-	headlight switch or BCM, gray 72 pin plug (C2), pin 5
<b>Hazards</b>	white	-	hazard switch or BCM, gray 72 pin plug (C2), pin 9
<b>Turn Signal (Left)</b>	lt. blue (F), yellow (R)	+	BCM, gray 72 pin plug (C1), pin 35; red 41 pin plug (C3), pin A9
<b>Turn Signal (Right)</b>	dk. blue (F), dk. green (R)	+	BCM, gray 72 pin plug (C1), pin 17; red 41 pin plug (C3), pin A12

*Wiring Information (Continued)*

Item	Wire Color	Polarity	Wire Location
<b>Headlight</b>	white	-	headlight switch or BCM, gray 72 pin plug (C2), pin 15
<b>AutoLights</b>	purple/white	-	headlight sw or BCM, gray 72 pin plug (C2), pin 17
<b>Reverse Light</b>	lt. green	+	driver kick, harness to rear
<b>Left Front Door Trigger</b>	gray/black	-	driver kick or BCM, gray 72 pin plug (C1), pin 22
<b>Right Front Door Trigger</b>	tan/white	-	passenger kick or BCM, gry 72 pin plg (C1), 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 (C3), pin A10
<b>Trunk/Hatch Pin</b>	orange/black	-	BCM, gray 72 pin plug (C1), 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 (C2), 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>	NOT pink	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 pedal switch
<b>Fuel Pump</b>	gray	+	passenger kick, harness to rear
<b>Rear Defroster</b>	lt. blue	- latched	BCM, gray 72 pin plug (C2), 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	TCM, 38 pin plug, pin 1 (A/T)
Brake Wire	lt. blue	+	passenger kick or BCM, gray 72 pin plug (C1), pin 53
Parking Brake	lt. blue	-	parking brake switch or BCM, gray 72 pin plug (C1), pin 14
Horn Trigger	tan	-	horn switch or BCM, gray 72 pin plug (C2), pin 14
Wipers	dk. green	+	BCM, gray 72 pin plug (C1), pin 51
Left Front Window (Up/Down)	dk. blue - brown	A	driver window switch in door
Right Front Window (Up/Down)	lt. blue - tan	A	driver kick, door harness
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, 14 pin plug, pin 1
Radio Ground	black/white	-	radio, 14 pin plug, pin 8
Radio Ignition	(GMLAN Serial Data)		
Radio Illumination	(GMLAN Serial Data)		
Factory Amp Turn-on	pink	+	radio, 16 pin plug, pin 3
Power Antenna	N/A		
Left Front Speaker (+/-)	tan - gray	+,-	radio, 14 pin plug, pins 7 and 6
Right Front Speaker (+/-)	lt. green - dk. green	+,-	radio, 14 pin plug, pins 5 and 4
Left Rear Speaker (+/-)	brown - yellow	+,-	radio, 16 pin plug, pins 7 and 6
Right Rear Speaker (+/-)	dk. blue - lt. blue	+,-	radio, 16 pin plug, pins 5 and 4
Center Channel (+/-)	N/A		
Subwoofer (+/-)	dk blu/wht - lt grn/blk(L), dk grn - lt blu/blk(R)	+,-	amplifier, 8 pin plug, pins 3 and 4 (L), 8 and 7 (R)
Aux. Audio Input Left (+/-)	N/A		
Aux. Audio Input Right (+/-)	N/A		
RSE Video (+/-)	N/A		
RSE Audio Left (+/-)	N/A		

DirectWire Vehicle RSE Audio Right (+/-)	Information - 9/8/2009 2:50:23 AM N/A		
Satellite Radio 12 Volts	red/white	+	Digital Radio Receiver, 16 pin plug, pin 16
Satellite Radio Ground	black/white	-	Digital Radio Receiver, 16 pin plug, pin 9
Satellite Radio Ignition	(GMLAN Serial Data)		
Satellite Radio Antenna	(coaxial cable)		
Satellite Audio Left (+/-)	brown/white - tan/white (common)	+,-	Digital Radio Receiver, 16 pin plug, pins 2 and 10
Satellite Audio Right (+/-)	dk. green/white - tan/white (common)	+,-	Digital Radio Receiver, 16 pin plug, pins 3 and 10

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*What Fits*

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

*Smart Starter Kill Relay*

<b>Relay Type:</b>	<b>Starter Relay</b>
<b>Part #:</b>	<b>6402A</b>
<b>OE Relay Part #:</b>	
<b>Location:</b>	<b>engine compartment fuse box, driver side</b>

<b>Notes:</b>
<b>#34</b>
<b>Alternate Part Notes:</b>
<b>n/a</b>

*Immobilizer Bypass Module*

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<b>Required:</b>	<b>Yes</b>
<b>Type:</b>	<b>PASS-Key III+</b>
<b>Part #:</b>	<b>XK06</b>
<b>Alternate Part #'s:</b>	<b>20402, 29402, 556UW, OM-GMC-6, PKUGM2X</b>

<b>Notes:</b>
<b>Standard on all models. If interface module is not available, see Tech Doc 1609.</b>

*Door Lock Interface Module*

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<b>Required:</b>	<b>No</b>
<b>Type:</b>	<b>Multiplex</b>
<b>Part #:</b>	<b>XK01</b>
<b>Alternate Part #'s:</b>	<b>456LW</b>

<b>Notes:</b>
<b>When using the XK01, it needs to be programmed with the GMDL7X firmware. For wire color and location see Data Bus.</b>

*Additional Wiring Notes*

Item	Note
<b>Rear Defroster</b>	The BCM (Body Control Module) is part of the fuse/relay box below the glove box.
<b>AutoLights</b>	The BCM (Body Control Module) is part of the fuse/relay box below the glove box. Trigger a ground to this wire to turn off autolights.
<b>Satellite Radio 12 Volts</b>	If equipped, the Digital Radio Receiver is in the passenger side of the trunk.
<b>Speed Sense</b>	The TCM (Transmission Control Module) is in the driver side rear corner of the engine compartment. On the M/T 2.0L models, it is at the ECM, 58 pin plug (C2), pin 53. On the M/T 2.4L models, it is at the ECM, 73 pin plug (C1), pin 54. The ECM (Engine Control Module) is in the driver side rear corner of the engine compartment.
<b>Right Front Door Trigger</b>	The BCM (Body Control Module) is part of the fuse/relay box below the glove box.
<b>Second Starter</b>	The BCM (Body Control Module) is part of the fuse/relay box below the glove box. If interface module is not available, see Tech Doc 1605.
<b>Accessory</b>	The BCM (Body Control Module) is part of the fuse/relay box below the glove box.
<b>Driver Unlock Motor</b>	The BCM (Body Control Module) is part of the fuse/relay box below the glove box.
<b>Parking Lights (-)</b>	The BCM (Body Control Module) is part of the fuse/relay box below the glove box.
<b>Turn Signal (Left)</b>	The BCM (Body Control Module) is part of the fuse/relay box below the glove box.
<b>Left Front Door Trigger</b>	The BCM (Body Control Module) is part of the fuse/relay box below the glove box.
<b>Dome Supervision</b>	The BCM (Body Control Module) is part of the fuse/relay box below the glove box.
<b>Brake Wire</b>	The BCM (Body Control Module) is part of the fuse/relay box below the glove box.
<b>Wipers</b>	The BCM (Body Control Module) is part of the fuse/relay box below the glove box.
<b>Trunk/Hatch Pin</b>	The BCM (Body Control Module) is part of the fuse/relay box below the glove box.
<b>Horn Trigger</b>	The BCM (Body Control Module) is part of the fuse/relay box below the glove box.
<b>Ignition</b>	The BCM (Body Control Module) is part of the fuse/relay box below the glove box.
<b>Passenger Unlock Motor</b>	The BCM (Body Control Module) is part of the fuse/relay box below the glove box.
<b>Parking Lights (+)</b>	The BCM (Body Control Module) is part of the fuse/relay box below the glove box.
<b>Headlight</b>	The BCM (Body Control Module) is part of the fuse/relay box below the glove box.
<b>Parking Brake</b>	The BCM (Body Control Module) is part of the fuse/relay box below the glove box.
<b>Starter</b>	The ECM (Engine Control Module) is in the driver side rear corner of the engine compartment.
<b>Lock Motor</b>	The BCM (Body Control Module) is part of the fuse/relay box below the glove box.
<b>Trunk Hatch/Release</b>	The BCM (Body Control Module) is part of the fuse/relay box below the glove box.
<b>Left Front Speaker (+/-)</b>	If equipped, the amplifier is in the driver side of the trunk, behind the driver seat. On vehicles with amplifier, the speaker wires are tan - gray at the amplifier, 16 pin plug (C2), pins 15 and 16. The tweeter wires are tan - yellow at the amplifier, 16 pin plug (C2), pins 2 and 1.
<b>12 Volts</b>	The BCM (Body Control Module) is part of the fuse/relay box below the glove box.
<b>Hazards</b>	The BCM (Body Control Module) is part of the fuse/relay box below the glove box.
<b>Turn Signal (Right)</b>	The BCM (Body Control Module) is part of the fuse/relay box below the glove box.
<b>Power Lock</b>	The BCM (Body Control Module) is part of the fuse/relay box below the glove box.
<b>Data Bus</b>	The BCM (Body Control Module) is part of the fuse/relay box below the glove box. The security light wire is dk. green (-) at the BCM, gray 72 pin plug (C2), pin 11.
<b>Second 12 Volts</b>	The BCM (Body Control Module) is part of the fuse/relay box below the glove box.
<b>Can Bus sw</b>	The BCM (Body Control Module) is part of the fuse/relay box below the glove box. The data link connector is under the driver dash.
<b>Subwoofer (+/-)</b>	If equipped, the amplifier is in the driver side of the trunk, behind the driver seat.
<b>Right Front Speaker (+/-)</b>	If equipped, the amplifier is in the driver side of the trunk, behind the driver seat. On vehicles with amplifier, the speaker wires are lt. green - dk. green at the amplifier, 16 pin plug (C2), pins 13 and 14. The tweeter wires are lt. green - purple at the amplifier, 16 pin plug (C2), pins 4 and 3.
<b>Left Rear Speaker (+/-)</b>	If equipped, the amplifier is in the driver side of the trunk, behind the driver seat. On vehicles with amplifier, the speaker wires are brown - yellow at the amplifier, 16 pin plug (C2), pins 6 and 5.