CAUTION! All accessories, switches, climate controls panels, and especially air bag indicator lights must be connected before cycling the ignition. Also, do not remove the factory radio with the key in the on position, or while the vehicle is running.

GM Data Interface 2004-2012

INTERFACE FEATURES

- Provides accessory power (12-volt 10-amp)
- Retains R.A.P. (retained accessory power)
- Provides NAV outputs (parking brake, reverse, and speed sense)
- Retains chimes through an onboard speaker

- Pre-wired ASWC-I harness (ASWC-I sold separately)
- Can be used in both amplified and non-amplified models
- Retains balance and fade
- Micro “B” USB updatable

INTERFACE COMPONENTS

- AX-GMLAN112 interface • LD-AX-XSVI-GM2 harness • LD-AX-XSVI-GM4 harness

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TOOLS REQUIRED

- Wire cutter • Crimp tool • Solder gun • Tape
- Connectors (example: butt-connectors, bell caps, etc.)

GM Data Interface 2004-2012

APPLICATION FEATURES

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Applications below use the LD-AX-XSVI-GM2 harness

<table>
<thead>
<tr>
<th>CHEVROLET</th>
<th>PONTIAC (CONT)</th>
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<tbody>
<tr>
<td>Cobalt</td>
<td>G6 (5th digit of VIN must be a J, K, or L)</td>
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<td>HHR</td>
<td>2006-2011</td>
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<td>Malibu</td>
<td>2008-2012</td>
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<tr>
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<th>SATURN</th>
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<td>G5</td>
<td>2007-2009</td>
</tr>
<tr>
<td>G6</td>
<td>2010</td>
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Applications below use the LD-AX-XSVI-GM4 harness

<table>
<thead>
<tr>
<th>CHEVROLET</th>
<th>PONTIAC</th>
</tr>
</thead>
<tbody>
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<td>Cobalt</td>
<td>G6 (5th digit of VIN must be a G, H or M)</td>
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<tr>
<td>Equinox</td>
<td>2005-2006</td>
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<td>Malibu</td>
<td>2004-2007</td>
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<tr>
<td>Malibu Classic</td>
<td>2008</td>
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<tr>
<td>Malibu Maxx</td>
<td>2004-2007</td>
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</table>

<table>
<thead>
<tr>
<th>CHEVROLET</th>
<th>PONTIAC</th>
</tr>
</thead>
<tbody>
<tr>
<td>G6</td>
<td>2007-2009</td>
</tr>
<tr>
<td>Torrent</td>
<td>2006</td>
</tr>
</tbody>
</table>

CAUTION! All accessories, switches, climate controls panels, and especially air bag indicator lights must be connected before cycling the ignition. Also, do not remove the factory radio with the key in the on position, or while the vehicle is running.
From either the LD-AX-XSVI-2 or LD-AX-XSVI-4 harness to the aftermarket radio:

- Connect the Black wire to the ground wire.
- Connect the Yellow wire to the battery wire.
- Connect the Red wire to the accessory wire.
- Connect the Blue wire to the amp turn on wire.
- If the aftermarket radio has an illumination wire, connect the Orange wire to it.
- Connect the Gray wire to the right front positive speaker output.
- Connect the Gray/Black wire to the right front negative speaker output.
- Connect the White wire to the left front positive speaker output.
- Connect the White/Black wire to the left front negative speaker output.
- Connect the Green wire to the left rear positive speaker output.
- Connect the Green/Black wire to the left rear negative speaker output.
- Connect the Purple wire to the right rear positive speaker output.
- Connect the Purple/Black wire to the right rear negative speaker output.

The following (3) wires are only for multimedia/navigation radios that require these wires.

- Connect the Blue/Pink wire to the VSS/speed sense wire.
- Connect the Green/Purple wire to the reverse wire.
- Connect the Light Green wire to the parking brake wire.

12-pin pre-wired ASWC-1 harness:

- This harness is to be used along with the optional ASWC-1 (not included) to retain steering wheel audio controls. If the ASWC-1 is not being used, disregard this harness. If it will be used, please proceed onto the following instructions. Also, refer to the ASWC-1 instructions for radio connections and programming.

**Note:** Disregard the harness that comes with the ASWC-1.

- The following wire(s) must be cut before programming the ASWC-1. If your vehicle is not listed, do not cut any wire(s):
  - For the following LD-AX-XSVI-GM2 applications, cut the Green/Orange wire:
    - CHEVROLET Cobalt 2007-2010
    - HHR 2006-2011
    - Malibu 2008-2012
    - PONTIAC G6 2009-2010
    - SATURN Aura 2007-2009
  - For the following LD-AX-XSVI-GM4 applications, cut the Green/Orange and White/Green wires:
    - CHEVROLET Malibu (with a 3-spoke steering wheel) 2004-2007
    - Malibu Maxx (with a 4-spoke steering wheel) 2004-2007
    - PONTIAC G6 2005-2008
  - For the following LD-AX-XSVI-GM4 applications, cut the Green/Orange and White/Green wires:
    - CHEVROLET Malibu (with a 3-spoke steering wheel) 2004-2007
    - Malibu Maxx (with a 4-spoke steering wheel) 2004-2007
With the key in the off position:

- Connect the AX-GMLAN112 harness into the interface, and then to the wiring harness in the vehicle.

  Note: If using the ASWC-1, connect it after you initialize and test the AX-GMLAN112, with the key in the off position.

Attention! If the interface loses power for any reason, the following steps will need to be performed again. Also, if installing an ASWC-1 connect it after you initialize and test the interface/radio, with the key in the off position.

- Turn the key (or push-to-start button) to the ignition position and wait until the radio comes on.

  Note: If the radio does not come on within 60 seconds, turn the key to the off position, disconnect the interface, check all connections, reconnect the interface, and then try again.

- Turn the key to the off position, and then to the accessory position. Test all functions of the installation for proper operation, before reassembling the dash.
**IMPORTANT**

If you are having difficulties with the installation of this product, please call our Tech Support line at 1-800-253-TECH. Before doing so, look over the instructions a second time, and make sure the installation was performed exactly as the instructions are stated. Please have the vehicle apart and ready to perform troubleshooting steps before calling.