

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-1 harness (ASWC-1 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

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

CHEVROLET	PONTIAC (CONT)
Cobalt	2007-2010 G6 (5th digit of VIN must be a J, K, or L)
HHR	2006-2011
Malibu	2008-2012 Solstice
	2006-2009
PONTIAC	SATURN
G5	2007-2009 Aura
G6	2010 Sky

Applications below use the LD-AX-XSVI-GM4 harness

CHEVROLET	PONTIAC
Cobalt	2005-2006 G6 (5th digit of VIN must be a G, H or M)
Equinox	2005-2006
Malibu	2004-2007 G6
Malibu Classic	2008 Torrent
Malibu Maxx	2004-2007

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TOOLS REQUIRED

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

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.

CONNECTIONS TO BE MADE

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		PONTIAC		SATURN	
Cobalt	2007-2010	G5	2007-2009	Aura	2007-2009
HHR	2006-2011	G6	2009-2010	Sky	2007-2009
Malibu	2008-2012				

- For the following LD-AX-XSVI-GM4 applications, cut the **Green/Orange** wire:

CHEVROLET		PONTIAC	
Malibu (with a 3-spoke steering wheel)	2004-2007	Malibu Maxx (with a 3-spoke steering wheel)	2004-2007
		G6	2005-2008

- For the following LD-AX-XSVI-GM4 applications, cut the **Green/Orange** and **White/Green** wires:

CHEVROLET		Malibu (with a 4-spoke steering wheel)	Malibu Maxx (with a 4-spoke steering wheel)
Cobalt	2005-2006	2004-2007	2004-2007

INSTALLING THE AX-GMLAN112

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.

INITIALIZING THE AX-GMLAN112

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.



AX-GMLAN112

INSTALLATION INSTRUCTIONS



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.



KNOWLEDGE IS POWER

Enhance your installation and fabrication skills by enrolling in the most recognized and respected mobile electronics school in our industry. Log onto www.installerinstitute.com or call 800-354-6782 for more information and take steps toward a better tomorrow.



Metra recommends MECP certified technicians