



GM LAN-11 OnStar interface 2006-2012

INTERFACE FEATURES

- Provides accessory power (12-volt 10-amp)
- Maintains the retained accessory power (R.A.P.) feature
- Can be used in non-amplified, or amplified models
- Retains warning chimes
- Provides NAV outputs (parking brake, reverse, speed sense)
- Pre-wired ASWC-1 harness (ASWC-1 sold separately)

- Retains OnStar/OE Bluetooth
- Adjustable volume for chimes and OnStar
- Retains satellite radio
- Retains balance and fade
- Micro "B" USB updatable

APPLICATIONS

CHEVROLET		PONTIAC		PONTIAC (CONT)		SATURN	
Cobalt	2007-2010	G5	2007-2009	Solstice	2006-2009	Aura	2007-2009
HHR	2006-2011	G6	2010			Sky	2006-2009
Malibu	2008-2012	G6*	2009				

* 5th digit of VIN must be a J, K, or L

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INTERFACE COMPONENTS

- GMOS-LAN-034 interface
- GMOS-LAN-034 harness
- 16-pin harness with stripped leads
- 4-pin to 4-pin resistor pad harness

TOOLS REQUIRED

- Crimping tool and connectors, or solder gun, solder, and heat shrink
- Tape • Wire cutter • Zip ties

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 the 16-pin harness with stripped leads to the aftermarket radio:

- Connect the **Red** wire to the accessory wire.
Note: If installing either an ASWC-1 or AX-LCD (both sold separately), connect the (2) **Red** wires on the GMOS-LAN-034 harness as well.
- Connect the **Orange/White** wire to the illumination wire. (If the aftermarket radio has no illumination wire, tape off the **Orange/White** wire).
- Connect the **Blue/White** wire to the amp turn on wire (this wire must be connected to hear sound from the factory amplifier).
- Connect the **Brown** wire to the mute wire of the aftermarket radio. If the radio has no mute wire, tape it off and disregard it.
- 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 **Gray** wire to the right front positive speaker output.
- Connect the **Gray/Black** wire to the right front negative speaker output.
- Tape off and disregard the following (4) wires, they will not be used in this application:
Green, Green/Black, Purple, Purple/Black.

The following 3 wires are for an aftermarket multimedia/navigation radio that provide these wires (if not required, tape them off and disregard them):

- Connect the **Light Green** wire to the parking brake wire (if applicable).
- Connect the **Blue/Pink** wire to the speed sense wire (V.S.S.) (if applicable).
- Connect the **Green/Purple** wire to the reverse wire (if applicable).

From the GMOS-LAN-034 harness to the aftermarket radio:

- Connect the **Black** wire to the ground wire.
- Connect the **Yellow** wire to the battery wire.
- If installing either an ASWC-1 or AX-LCD (both sold separately), connect the (2) **Red** wires to accessory power.
Note: This will only be required if you care to retain the factory satellite radio.
- The **Black/Yellow** wire is used for OnStar level adjustment for models that do not come equipped with steering wheel controls. See OnStar Level Adjustment for further instructions.
- Connect the **Red** and **White** RCA jacks to the audio AUX-IN jacks from the aftermarket radio.

Continued on the next page

CONNECTIONS TO BE MADE *(CONT.)*

For amplified models only:

- 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 output.
- Disconnect the 4-pin harness located between the 16-way and 22-way connector, and then connect the supplied 4-pin to 4-pin resistor pad harness.

For non-amplified models only:

- Cut the resistors off from the **Green**, **Green/Black**, **Purple**, and **Purple/Black** wires below the heat shrink.
- 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 output.

Note: The 4-pin to 4-pin resistor pad harness will not be used in this application.

Note: The relay attached to the GMOS-LAN-034 harness is only for audible turn signal clicks. No extra steps are required to retain this feature, so leave the relay as-is.

12-pin pre-wired ASWC-1 harness:

This harness is to be used in conjunction with the optional ASWC-1 (not included) to retain steering wheel controls. If the ASWC-1 is not being used, disregard this harness. If it will be used, please refer to the ASWC-1 instructions for radio connections and programming. Disregard the harness that comes with the ASWC-1.

DIN jack:

The DIN jack is to be used with the optional AX-LCD (sold separately) to retain satellite radio information for models that do not retain this information in the driver's information center. The AX-LCD can also be used to view which factory sources are active; satellite radio, AUX-IN.

INSTALLING THE GMOS-LAN-034

With the key in the off position:

- Connect the 16-pin harness with stripped leads, and the GMOS-LAN-034 harness, into the interface.
- If an ASWC-1 (sold separately) will be used, do not connect it until the GMOS-LAN-034 is programmed and fully functional.

Attention! Do not connect the GMOS-LAN-034 harness to the wiring harness in the vehicle just yet.

PROGRAMMING THE GMOS-LAN-034

For the steps below, the L.E.D. located inside the interface can only be seen while active. The interface does not need to be opened to see the L.E.D.

1. Start the vehicle.
2. Connect the GMOS-LAN-034 harness to the wiring harness in the vehicle. The L.E.D. will initially be **Green** to indicate the interface is powered.
3. After a few seconds the L.E.D. will turn on solid **Red** while the interface automatically programs to the vehicle. The radio will shut off at this point. This process should take 5 to 30 seconds.
4. After the interface is programmed, the L.E.D. will turn on solid **Green**, and the radio will come back on, indicating programming was successful.
5. Test all functions of the installation for proper operation, before reassembling the dash.
6. If the interface fails to function, refer to “Troubleshooting”.

ADJUSTING THE GMOS-LAN-034

Chime level adjustment:

- With the vehicle on, turn it off and leave the keys in ignition. Open the driver’s door; chimes will be heard.
- Wait 10 seconds, and then with a small screwdriver, turn the potentiometer clockwise to raise the chime level; counterclockwise to lower the chime level.
- When the chime level is at a desired level, remove the keys from the ignition. This will lock the chime volume at its current level.

OnStar level adjustment:

- Press the OnStar button to activate it.
- While OnStar is speaking, press the VOLUME UP or VOLUME DOWN buttons on the steering wheel to raise or lower the OnStar level.
- If the vehicle does not come equipped with steering wheel controls, find the Black/Yellow wire on the GMOS-LAN-034 harness.
- While OnStar is speaking, tap the **Black/Yellow** wire to ground. Once the OnStar level is set, it will stay at that level until the **Black/Yellow** wire is tapped to ground again.

EXTRA FEATURES

AUX-IN and satellite radio:

- If the vehicle comes equipped with factory satellite radio, the GMOS-LAN-034 can retain this feature.
- Change the source of the radio to AUX-IN; satellite radio will start playing.
- The optional AX-LCD (sold separately) will display the satellite radio information.
- **Listed below are the functions of the AX-LCD buttons while using satellite radio:**
 - ▲ Arrow up—Channel up
 - ▼ Arrow down—Channel down
 - ⏻ Enter—Selects current item on the screen
 - ✓ Return/ESC—Exits to the previous screen

TROUBLESHOOTING

Resetting the Axxess interface

1. The **Blue** reset button is located inside the Axxess interface, between the two connectors. The button is accessible outside the Axxess interface, no need to open the Axxess interface.
2. Press and hold the reset button for two seconds, then let go to reset the Axxess interface.
3. Refer to “Programming the Axxess Interface” from this point.



GMOS-LAN-034

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

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Metra recommends MECP certified technicians