



Installation instructions for part GMOS-06

Cadillac Bose Interface 1997-2005 GMOS-06

KIT 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
- Retains OnStar / OE Bluetooth
- Adjustable volume for chimes and OnStar
- Prewired ASWC-1 harness included (ASWC-1 sold separately)
- High level speaker input
- For use in amplified systems
- Retains balance and fade
- Micro B USB updatable

APPLICATIONS

CADILLAC

Deville	1998-2005	Seville	1998-2004
Eldorado	1998-2002	Catera	1997-2001

INTERFACE COMPONENTS

- GMOS-06 interface • GMOS-06 harness
- 16-pin harness with stripped leads

TOOLS REQUIRED

- Cutting tool • Crimping tool • Tape • Connectors
(example: butt-connectors, bell caps, etc.)

CAUTION! Metra recommends disconnecting the negative battery terminal before beginning any installation, unless the vehicle manufacturer recommends against so. Please check with your local Dealership for more information. All accessories, switches, climate controls panels, and especially air bag indicator lights must be connected before reconnecting the battery or cycling the ignition. Also, do not remove the factory radio with the key in the on position, or the vehicle running. It would be best to remove the key from the ignition and then wait a few seconds before removing the factory radio.

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GM05-06

Connections to be made

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

- Connect the (2) **Red** wires to the accessory wire.

***Note:** If installing the ASWC-1, there will be an accessory wire in the 12-pin harness to connect as well.*

- Cap off and disregard the **Orange/White** wire, it will not be used in this application.
- 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.
- 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.
- Connect the **Blue/White** wire to the amp turn-on wire.

***Note:** This wire must be connected to turn the interface on.*

- Connect the **Brown** wire to the mute wire. If the aftermarket radio does not have a Mute wire, tape up the **Brown** wire. If the **Brown** wire is not connected, the radio will turn off when OnStar is activated.

The following wires are for the aftermarket radios that have navigation built in:

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

From the GM05-06 harness to the aftermarket radio:

- Connect the **Black** wire to the ground wire.
- Connect the **Yellow** wire to the 12-volt battery wire.
- Connect the **Blue** wire to the power antenna wire.
- Connect the **Orange/White** wire to the illumination wire. If the aftermarket radio has no illumination wire, tape off the **Orange/White** wire.
- The (3) **Black/White** wires are to be grounded only if engine noise is present.
- The **Black/Yellow** wire is for the OnStar volume adjustment. This will be discussed in the OnStar Level Adjustment section.

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 refer to the ASWC-1 instructions for radio connections and programming.

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

To the aftermarket radio:

- Connect the **Red** wire to the accessory wire



GMOS-06

Installing the GMOS-06

- Connect the 16-pin harness with stripped leads into the interface.
- Connect the GMOS-06 harness into the interface, and then into the vehicle.
- With all connections completed, reconnect the negative battery terminal.
- Initialize the interface by turning the ignition on for 30 seconds, then turn the ignition back off, then back on again.

Note: *If using the ASWC-1, connect it after you initialize the GMOS-06, with the key in the off position.*

Testing the GMOS-06

- Push the OnStar button; the radio should mute, and you should hear the OnStar voice. Push the OnStar cancel button; the radio should un-mute and play again.

Note: *The radio will turn off instead if the mute wire is not connected.*

Adjusting the GMOS-06

Audio Level Adjustment:

- With the vehicle and radio turned on, turn the volume up 3/4 of the way.
- Locate the end of the GMOS-06 with the 16-pin harness with stripped leads.
- With a small screwdriver, adjust the potentiometer clockwise to raise the audio level; counterclockwise to lower the audio level.
- Once at a desired level, the audio level adjustment is complete.

Chime Volume Adjustment:

- With the vehicle on, turn it off and leave the key in the 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.

Note: *The potentiometer is located on the side of the interface where the 16-pin harness with stripped leads is connected to.*

- When the chime level is at a desired level, remove the key 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-06 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.



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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.



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**Metra recommends MECP
certified technicians**

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