

GM05-05 GM Class-2-data interface 2000-2005

FEATURES

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| <ul style="list-style-type: none"> • Provides accessory power (12-volt 10-amp) • Retains R.A.P.(Retained Accessory Power) • Retains OnStar/OE Bluetooth • Retains chimes • Adjustable volume for chimes and OnStar | <ul style="list-style-type: none"> • Provides NAV outputs (parking brake, reverse, mute, V.S.S) • Used in non-amplified systems or when bypassing an amplified system • High level speaker input • Retains balance and fade • Low profile case • USB updatable |
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APPLICATIONS

BUICK

LeSabre 2000-2005

PONTIAC

Bonneville 2000-2005

OLDSMOBILE

Aurora 2001-2003

INTERFACE COMPONENTS

- GM05-05 interface • GM05-05 harness
- 16-pin harness with stripped leads

TOOLS REQUIRED

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

***Caution:** Metra recommends disconnecting the negative battery terminal before beginning any installation. All accessories, switches, and especially air bag indicator lights must be plugged in before reconnecting the battery or cycling the ignition.*

****Note:** Refer also to the instructions included with the aftermarket radio.*

Connections to be made

From the 16-pin harness to the aftermarket radio

- Connect the (2) **Red** wires to the accessory wire.
- Tape off and disregard the **Orange/White** wire, it will not be used in this application.
- Connect the **Brown** wire to the mute wire of the aftermarket radio (If the aftermarket radio does not have a mute wire, tape the wire 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.

The following wires are for aftermarket multimedia/navigation radios 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 (if applicable).
- Connect the **Green/Purple** wire to the reverse wire (if applicable)
- The **Black/Yellow** wire will be discussed in the OnStar Level Adjustment section.

From the GM05-05 harness to the aftermarket radio:

- Connect the **Black** wire to the ground wire.
- Connect the **Yellow** wire to the battery wire.
- Connect the **Blue** wire to the antenna turn on wire.
- Tape off and disregard the (2) **Blue/White** wires, they will not be used in this application.

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- Connect the **Orange** wire to the illumination wire. (If the aftermarket radio does not have an illumination wire, tape off and disregard the Orange wire).
- Connect the **Violet** wire to the right rear positive wire.
- Connect the **Violet/Black** wire to the right rear negative wire.
- Connect the **Green** wire to the left rear positive wire.
- Connect the **Green/Black** wire to the left rear negative wire.

Installing the GMOS-05

With the key in the off position:

- Connect the GMOS-05 harnesses into the interface.
- Connect the 16-pin harnesses with stripped leads into the interface.
- Connect the GMOS-05 harnesses into the vehicle.
- With all connections completed, reconnect the negative battery terminal.

Initializing the GMOS-05

Attention: If the GMOS-05 loses power for any reason, the following steps will need to be performed again.

- Initialize the interface by turning the ignition on for 30 seconds, then turn the ignition back off, then back on again.

Adjusting the GMOS-05

Chime Volume Adjustment

- With the vehicle on, shut the vehicle off and leave the keys in the ignition. Open the driver's door and leave it open; chimes will be heard.
- Wait 10 seconds, and then with a small screwdriver, adjust the potentiometer fully counterclockwise (all the way left). Turn clockwise to raise the chime level, and counterclockwise to lower the chime level.

Note: The potentiometer is located on the side of the interface that has the 16-pin harness with stripped leads.

- When the chime is at the desired level, remove the keys from the ignition; this will lock the chime level in.

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 14-pin 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.

IMPORTANT WARNING

This product includes instructions for installation which must be carefully followed. The instructions are worded in such a manner to assume that the installer is capable of completing these type of electronic installations. If you are unclear as to what you are instructed to do or believe that you do not understand the instructions so as to properly and safely complete the installation *you should consult a technician who does have this knowledge and understanding.*

Failure to follow these instructions carefully and to install the interface as described could cause harm to the vehicle or to safety systems on the vehicle. Interference with certain safety systems could cause harm to persons as well. If you have any questions in this regard please call the Help line or Metra at 1-800-221-0932 for assistance.



KNOWLEDGE IS POWER
 Showcase 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 800-254-4782 for more information and take steps toward a better tomorrow.



Metra recommends MECP certified technicians