



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

### FEATURES

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

BUICK		PONTIAC	
LeSabre	2000-2005	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.