



INSTALLATION INSTRUCTIONS FOR PART GMOS-LAN-06

GMOS-LAN-06

Saturn OnStar interface

2006-2007

APPLICATIONS

SATURN

Ion	2006-2007
Vue	2006-2007

KIT FEATURES

- Provides accessory (12-volt 10-amp)
- Retain OnStar
- High level speaker input
- Micro "B" USB updatable
- Retains balance and fade
- Retains R.A.P. (retained accessory power)

INTERFACE COMPONENTS

- GMOS-LAN-06 Interface
- 16-pin harness with stripped leads
- 22-pin to 14-pin and 16-pin Saturn harness

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. All accessories, switches, and especially air bag indicator lights must be plugged in before reconnecting the battery or cycling the ignition.

NOTE: Refer to the instructions included with the aftermarket radio.



GMOS-LAN-06

Connections to be made

From the 16-pin harness:

- Connect the **Red** wire to the ignition/accessory wire.
- Connect the **White** wire to the left front positive speaker wire.
- Connect the **White/Black** wire to the left front negative speaker wire.
- Connect the **Gray** wire to the right front positive speaker wire.
- Connect the **Gray/Black** wire to the right front negative speaker wire.
- 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.

The following wires will not be used in this application. Tape them off and disregard them:

- Orange/White
 - Blue/Pink
 - Green
 - Green/Black
 - Purple
 - Purple/Black
- Plug the 16-pin harness into the GMOS-LAN-06 interface.

From the 22-pin harness:

- The **Black/Yellow** wire is for OnStar volume adjustment and will be discussed later in this manual.

From the 16-Pin GM harness:

- Tape off and disregard the **Orange/White** wire, it will not be used this application.
- Connect the **Green** wire to the left rear positive speaker wire.
- Connect the **Green/Black** wire to the left rear negative speaker wire.
- Connect the **Purple** wire to the right rear positive speaker wire.
- Connect the **Purple/Black** wire to the right rear negative speaker wire.

From the 14-Pin GM harness:

- Connect the **Yellow** wire to the 12 volt constant /battery wire.
- Connect the **Black** wire to the ground wire.
- Connect the **Orange** wire to the illumination wire. If no illumination wire is present, tape it off and disregard it.
- Plug the 22-pin harness into the GMOS-LAN-06.



GMOS-LAN-06

Installing the GMOS-LAN-06

- With all connections completed to the aftermarket radio, plug the 14 and 16-pin harness into the vehicles wiring harness.
- Reconnect the negative battery terminal.
- Cycle the key, by turning the ignition on for 30 seconds. Then off and on again to test the radio.

Testing the GMOS-LAN-06

- Push the OnStar button, the radio should mute and you should hear OnStar.
- Push the OnStar cancel button and the radio should unmute.

Note: *If the mute wire is not connected, the radio will shut off instead.*

OnStar level adjustment

- To adjust the OnStar volume level find the **Black/Yellow** wire on the 12-pin harness.
- Push the Blue OnStar button: while the voice is speaking tap the **Black/Yellow** wire to ground.

There are 4 volume settings for OnStar: once the 4th setting is reached and the **Black/Yellow** wire is tapped to ground, it will automatically go back to the first volume setting.

- Once the volume is set it will stay at that volume until the **Black/Yellow** wire is tapped to ground again.



INSTALLATION INSTRUCTIONS FOR PART GM05-LAN-06



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

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**Metra recommends MECP
certified technicians**