



## INSTGMOS-044

## INSTGMOS-044

## INSTGMOS-044

### 12 Pin Harness



The 12 pin harness that is attached to the GMOS-044 is for use with the ASWC (sold separately). Please refer to the ASWC instructions for programming and operation

### INSTALLING THE GMOS-044

1. With all the connections completed, plug the 22 and 16 pin harnesses into the GMOS-044.
2. Reconnect the negative battery terminal.
3. Plug the 30 pin GM harness into the vehicle side harness, and plug the aftermarket radio harness into the aftermarket radio.
4. Cycle the key by turning the ignition on then back off, then back on again to test the radio.

### TESTING THE GMOS-044

- Turn the ignition on, and then turn the aftermarket radio on.
- Push the Onstar button, the radio should turn off and you should hear Onstar.
- Push the Onstar cancel button and the radio should come back on.

## INSTALLATION INSTRUCTIONS

### READ IMPORTANT WARNING ON PAGE 1 BEFORE ATTEMPTING ANY INSTALLATION

The GMOS-044 works in both amplified and non-amplified systems. The GMOS-044 is designed to retain Onstar and retain warning chimes that are normally lost when OEM radio is removed. Provides a 12 volt accessory output for aftermarket radio operation. The GMOS-044 also PROVIDES a mute, parking brake, vss or speed sense, and a reverse output to make installing an aftermarket navigation radio simple and less time consuming.

## APPLICATIONS

### BUICK

Allure 2010  
La Crosse 2010-11  
Regal 2011

### CHEVY

Cruze 2010-11



### KNOWLEDGE IS POWER

Enhance your installation and fabrication skills by enrolling in the most recognized and respected mobile electronics school in our industry. Log onto [www.installerinstitute.com](http://www.installerinstitute.com) or call 800-354-6782 for more information and take steps toward a better tomorrow.



Metra recommends MECP certified technicians

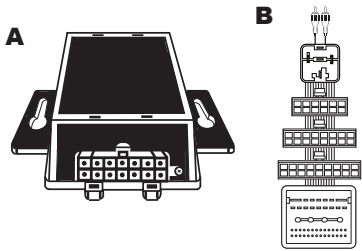




## INSTGMOS-044

### INSTALLATION COMPONENTS

- A. GMOS-044 Interface
- B. GMOS-044 Harness



### REQUIRED TOOLS

- A. Cutting Tool
- B. Tape
- C. Crimping Tool
- D. Connectors (I.E. butt-connectors, bell caps, ECT...)
- E. Female Spade Connectors (Optional)

### INSTALLING THE INTERFACE

**\*Important:** Before beginning any of the following, disconnect the negative battery terminal to prevent an accidental short circuit.

- Connect the red wire to the ignition/accessory wire of the aftermarket radio
- Connect the Orange/White wire to the illumination wire of the aftermarket radio. If the aftermarket radio has no illumination wire just tape off the Orange/White wire.
- Connect the blue/white wire to the amp turn on wire of the aftermarket radio.
- Connect the white wire to the left front positive

- speaker output of the aftermarket radio
- Connect the white/black wire to the left front negative speaker output of the aftermarket radio
- Connect the gray wire to the right front positive speaker output of the aftermarket radio
- Connect the gray/black wire to the right front negative speaker output of the aftermarket radio
- Connect the green wire to the left rear positive speaker output of the aftermarket radio
- Connect the green/black wire to the left rear negative speaker output of the aftermarket radio
- Connect the purple wire to the right rear positive speaker output of the aftermarket radio
- Connect the purple/black wire to the right rear negative speaker output of the aftermarket radio
- Connect the Brown wire to the mute wire of the aftermarket radio. If the aftermarket radio does not have a Mute wire, tape up the Brown wire

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

- Connect the Light Green wire to the parking brake wire of the aftermarket navigation radio.
- Connect the Blue/Pink wire to the VSS or speed sense wire of the aftermarket navigation radio.
- Connect the Green/Purple wire to the reverse wire of the aftermarket navigation radio
- Connect the Yellow wire to the 12 volt constant/battery wire of the aftermarket radio

- Connect the Black wire to the ground wire of the aftermarket radio
- Connect the RCA's to the AUX input of your aftermarket radio (if equipped).
- Connect the Black wire with the ring terminal to the radio chassis with ISO screw that is supplied with radio
- The Black/Yellow wire and additional 12 pin harness will be discussed later in this manual

### Chime Volume Adjustment

To adjust the chime volume, use a small screwdriver to rotate the potentiometer, located on the 16 pin harness side of the interface, clockwise to make the chime louder and counterclockwise to make the chime softer.

### Onstar Level Adjustment

To adjust the Onstar volume level find the Black/Yellow wire on the 22 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. This can be set during installation and then left alone. If user adjustment is desired, the customer may also tap volume up or down to adjust the Onstar level.