

Installation Instructions for AX-ADGM02

AX-ADGM02 GM LAN 11 vehicles 2006-2012

The AX-ADGM02 is designed to and **MUST** be used with the AX-ADBOX1 or AX-ADBOX2 (sold separately). Please refer to AX-ADBOX1 or AX-ADBOX2 for 16-pin connector instructions.

APPLICATIONS

CHEVROLET

Cobalt	2007-2011
HHR	2006-2011
Malibu	2008-2012

PONTIAC

G5	2007-2008
G6	2009-2010
Solstice	2006-2009

SATURN

Aura	2006-2009
Sky	2006-2009

INTERFACE COMPONENTS

- 22-pin to 30-pin GM harness
- 4-pin to 4-pin resistor pad harness

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.

INSTALLING THE INTERFACE

From the 16-pin harness with stripped leads (included with interface)

- 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.
- The **Green** wire is not used in this application.
- The **Green/Black** wire is not used in this application.
- The **Purple** wire is not used in this application.
- The **Purple/Black** wire is not used in this application.

From the 22-way harness:

The **Black/Yellow** wire will be discussed later on in the instructions.

The DIN plug is to be connected to the optional XIA-LCD screen if satellite is being retained.

From the 30-way harness:

- Connect the **Black** wire to the ground wire of the aftermarket radio.
 - Connect the RCA's to the AUX in on the aftermarket radio (if equipped).
 - Connect the **Yellow** wire to the constant wire of the aftermarket radio.
- If the vehicle is amplified disconnect the 4-pin harness located between the 30-way and 22-way connector and connect the supplied 4-pin to 4-pin resistor pad. If the vehicle is not amplified connect the two 4-pins for the 30- and 22-way together.

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INSTALLING THE INTERFACE *(continued)*

Amplified vehicles:

- Connect the **Violet** wire to the right rear positive wire of the aftermarket radio.
- Connect the **Violet/Black** wire to the right rear negative wire of the aftermarket radio.
- Connect the **Green** wire to the left rear positive wire of the aftermarket radio.
- Connect the **Green/Black** wire to the left rear negative wire of the aftermarket radio.

Non-amplified vehicles:

- Cut the resistors from the **Green, Green/Black, Violet, Violet/Black** right below the heat shrink.
- Connect the **Violet** wire to the right rear positive wire of the aftermarket radio.
- Connect the **Violet/Black** wire to the right rear negative wire of the aftermarket radio.
- Connect the **Green** wire to the left rear positive wire of the aftermarket radio.
- Connect the **Green/Black** wire to the left rear negative wire of the aftermarket radio.

The din plug is to be connected to the optional XIA-LCD screen if satellite is being retained.

12-Way Harness:

This harness is for the ASWC-1 (sold separately). Please refer to the ASWC-1 instructions for programming.

Installing the AX-ADGM02

1. With all the connections completed, plug the 16- and 22-pin harnesses into the AX-ADGM02.
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. Initialize the interface by cycling the key by turning the ignition on for 30-seconds then back off, and then back on again to test the radio.

Testing the AX-ADGM02

Turn the ignition on, and then turn the aftermarket radio on.

Push the OnStar button, the radio should turn off (radio will mute if mute wire is connected) and you should hear OnStar. Push the OnStar cancel button and the radio should come back on.

Chime Volume Adjustment

1. With car on, shut off car and leave keys in ignition. Open the car door and leave it open. Chimes will be heard.
2. Wait 10 seconds, then with a small screwdriver adjust the potentiometer fully counterclockwise (all the way left), then clockwise to raise chime level and counterclockwise to lower the chime level.
3. When the volume is at the desired level, remove the keys from the ignition. This will lock the chime volume at its current level

Audio Level Adjustment

1. Start your vehicle and turn on the radio having audio playing.
2. Turn your aftermarket radio's volume up 3/4 of the way.
3. With a small screwdriver adjust the potentiometer clockwise to raise the audio level and counterclockwise to lower the audio level.
4. Once at desired level your audio adjustment is complete.

OnStar Level Adjustment

To adjust the OnStar volume level find the **Black/Yellow** wire on the 16-pin harness. Push the blue OnStar button, while the voice is speaking tap the **Black/Yellow** wire to ground. 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 on the steering wheel (if equipped) to adjust the OnStar level.