



## INSTALLATION INSTRUCTIONS FOR PART AX-ADGM03

# AX-ADGM03 GM Class 2 vehicles 2000-up

The AX-ADGM03 is designed to and **MUST** be used with the AX-ADBOX1 or AX-ADBOX2 (*sold seperately*). Please refer to AX-ADBOX1 or AX-ADBOX2 for 16-pin connector instructions.

### APPLICATIONS

#### BUICK

Allure	2005-2009
Century	2004-2005
LaCrosse	2005-2009
Rainier	2004-2007
Regal	2004
Rendezvous	2002-2007
Terraza	2005-2008

#### CADILLAC

Escalade	2003-2006*
Escalade EXT	2003-2006*

#### CHEVROLET

Avalanche	2003-2006*
Cavalier	2000-2005
Colorado	2004-2012
Corvette	2005-2013
Express	2003-2007
Impala	2000-2005
Kodiak	
C4500-C8500	2003-2009
Malibu	2001-2003

#### CHEVROLET (continued)

Malibu Classic	2004-2005
Monte Carlo	2000-2005
Silverado	2003-2006*
Silverado Classic	2007*
SSR	2003-2006
Suburban	2003-2006*
Tahoe	2003-2006*
Trailblazer	2002-2009
Uplander	2005-2008

#### GMC

Envoy	2002-2009
Canyon	2004-2012
Savanna	2003-2007
Sierra	2003-2006*
Sierra Classic	2007*
TopKick	
C4500-C8500	2003-2009
Yukon/XL/Denali	2003-2006*

#### HUMMER

H2	2003-2007
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#### HUMMER (continued)

H3/H3t	2006-2010
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#### ISUZU

Ascender	2003-2008
H-Series	2003-2008
I-Series	2006-2008

#### OLDSMOBILE

Alero	2001-2004
Bravada	2002-2004
Intrigue	2002

#### PONTIAC

Aztec	2001-2005
Grand Am	2001-2005
Grand Prix	2004-2008
Montana SV6	2005-2006
Sunfire	2000-2005

#### SAAB

9-7X	2005-2009
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#### SATURN

Relay	2005-2007
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### INTERFACE COMPONENTS

- 22-pin to 24-pin and 12-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.)

\*These vehicles have a digital amp option. Please refer to the RPO list located in the glove box and if code **Y91** appears you have a digital amplifier.

**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.

## 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.

*Only make the following connections if the vehicle contains a digitally amplified system.*

- Connect the **Green** wire to the radio's left rear positive speaker output.
- Connect the **Green/Black** wire to the radio's left rear negative speaker output.
- Connect the **Purple** wire to the radio's right rear positive speaker output.

- Connect the **Purple/Black** wire to the radio's right rear negative speaker output.

### 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 or RSE is being retained.

### From the Gray 24-way harness:

- Connect the **Black** wire to the ground wire of the aftermarket radio
- 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.

*Only make these connections if you do not have a digital amplifier*

### 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, Purple, Purple/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.

### From the Gray 12-Way Harness:

- Connect the **Blue/Pink** wire to the aftermarket radios VSS (if populated on factory side)
- Connect the RCA's to the AUX in on the aftermarket radio (if equipped) to retain RSE and/or OE satellite.

### 12-Way Harness:

This harness is for the ASWC-1 (sold separately). Please refer to the last page in the instructions for wiring to the pre-wired ASWC-1 harness, and to the ASWC-1 instructions for additional wiring and programming.

### Installing the AX-ADGM03

1. With all the connections completed, plug the 24-, 22-, and 12-pin harnesses into the AX-ADGM03.
2. Plug the 24- and 12 pin GM harness into the vehicle side harness, and

## Installing the Interface

plug the aftermarket radio harness into the aftermarket radio.

### 3. Reconnect the negative battery terminal.

Cycle the key by turning the ignition on for 30-seconds, then back off, then back on again to test the radio.

### Testing the AX-ADGM03

- 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

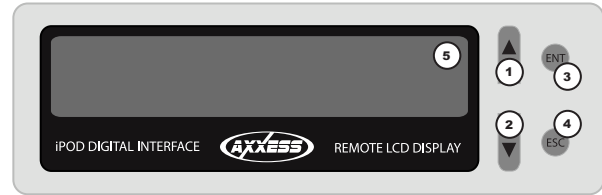
1. Start your vehicle and turn on the radio having audio playing.
2. Turn your aftermarket radio's volume up 3/4 of the way.
3. With a small screwdriver adjust the potentiometer clockwise to raise the audio level and counterclockwise to lower the audio level.
4. Once at desired level your audio adjustment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

### The XIA-LCD Screen (optional)

The XIA-LCD will allow you to navigate through factory installed satellite options.



1. **Channel up:** Allows channel up function in satellite mode.
2. **Channel down:** Allows channel down function in satellite mode.
3. **Select/Enter button:** Selects current item on screen.
4. **Escape/Exit button:** Exits to previous screen.
5. **Screen:** This is where your satellite information is viewed.

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## INSTALLATION INSTRUCTIONS FOR PART AX-AD6M03

### Additional 12-pin harness (ASWC-1 harness)

*This 12-pin harness is to be used in conjunction with the ASWC-1 (not included). Please refer to ASWC-1 instructions for programming.*

<b>BUICK</b>		<b>CHEVROLET (continued)</b>		<b>ISUZU</b>		
<sup>Δ</sup> Allure	2005-2009	Malibu	2001-2003	<sup>*</sup> Ascender	2003-2008	<sup>*</sup> For the following vehicles please cut the White/Green, Green/Orange, and Orange/Green wires before programming the ASWC-1.
<sup>†</sup> Century	2004-2005	Malibu Classic	2004-2005	<b>OLDSMOBILE</b>		<sup>**</sup> For the following vehicles please cut the White/Green, Pink, and Green/Orange wires before programming the ASWC-1.
<sup>†</sup> LaCrosse	2005-2009	<sup>**</sup> Monte Carlo	2000-2005	<sup>**</sup> Alero	2001-2004	<sup>***</sup> For the following vehicles please cut the Pink and Green/Orange wires before programming the ASWC-1.
<sup>*</sup> Rainer	2004-2007	<sup>*</sup> Silverado	2003-2006	<sup>*</sup> Bravada	2002-2004	<sup>†</sup> For the following vehicles please cut the White/Green and Pink wires before programming the ASWC-1.
<sup>†</sup> Regal	2004	<sup>*</sup> Silverado Classic	2007	<sup>**</sup> Intrigue	2002	<sup>Δ</sup> For the following vehicles please cut the Pink wire before programming the ASWC-1.
<sup>Δ</sup> Rendezvous	2002-2007	<sup>*</sup> SSR	2003-2006	<b>PONTIAC</b>		
<sup>Δ</sup> Terraza	2005-2008	<sup>*</sup> Suburban	2003-2006	<sup>**</sup> Aztec	2001-2005	
<b>CADILLAC</b>		<sup>*</sup> Tahoe	2003-2006	<sup>**</sup> Grand Am	2001-2005	
<sup>*</sup> Escalade	2003-2006	<sup>*</sup> Trailblazer	2002-2009	<sup>**</sup> Grand Prix	2004-2008	
<sup>*</sup> Escalade ESV/EXT	2003-2006	<b>GMC</b>		<sup>**</sup> Montana SV6	2005-2006	
<b>CHEVROLET</b>		<sup>*</sup> Canyon	2004-2012	<sup>*</sup> Sunfire	2000-2005	
<sup>*</sup> Avalanche	2003-2006	<sup>*</sup> Envoy	2002-2009	<b>SAAB</b>		
<sup>*</sup> Cavalier	2000-2005	<sup>*</sup> Sierra	2003-2006	<sup>*</sup> 9-7x	2005-2009	
<sup>***</sup> Corvette	2007-2011	<sup>*</sup> Sierra Classic	2007	<b>SATURN</b>		
<sup>Δ</sup> Corvette	2012-2013	<sup>*</sup> Yukon/XL/Denali	2003-2006	<sup>**</sup> Relay	2005-2007	
<sup>*</sup> Colorado	2004-2012	<b>HUMMER</b>				
<sup>**</sup> Impala	2000-2005	<sup>*</sup> H2	2003-2007			