

GM Data Interface 2000-2013

INTERFACE FEATURES

- Provides accessory power (12-volt 10-amp)
- Retains R.A.P. (retained accessory power)
- Provides NAV outputs (parking brake, reverse, speed sense)
- Pre-wired ASWC-1 harness (ASWC-1 sold separately)
- Retains chimes to the factory speaker
- Adjustable chime level
- Retains OnStar / OE Bluetooth
- Adjustable OnStar level
- Designed for non-amplified models, or when bypassing a factory amp *
- Retains balance and fade
- USB-CAB updatable (sold separately)

INTERFACE COMPONENTS

- GMOS-01 interface • GMOS-01 harness
- 16-pin harness with stripped leads

APPLICATIONS

See inside front cover

TABLE OF CONTENTS

Connections to be made	3-4
Installing the GMOS-01	5
Initializing the GMOS-01	5
Adjusting the GMOS-01	5

TOOLS REQUIRED

- Wire cutter • Crimp tool • Solder gun • Tape
- Connectors (example: butt-connectors, bell caps, etc.) • Small flat-blade screwdriver

CAUTION! All accessories, switches, climate controls panels, and especially air bag indicator lights must be connected before cycling the ignition. Also, do not remove the factory radio with the key in the on position, or while the vehicle is running.

APPLICATIONS

BUICK

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

CADILLAC

Escalade, Escalade ESV & EXT †	2003-2006
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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
Malibu Classic	2004-2005
Monte Carlo	2000-2005
Silverado	2003-2006
Silverado Classic	2007
SSR	2003-2006
Suburban	2003-2006
Tahoe	2003-2006
Trailblazer	2002-2006
Trailblazer	2007-2009
Uplander	2005-2008

GMC

Canyon	2004-2012
Envoy	2002-2006
Envoy	2007-2009
Savana	2003-2007
Sierra	2003-2006
Sierra Classic	2007
TopKick C4500-C8500	2005-2009
Yukon / Yukon XL	2003-2006

HUMMER

H2 †	2003-2007
H3/H3t	2006-2010

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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† These vehicles are standard for a factory amplifier. Either use the GMOS-04 interface, or bypass the amplifier. If bypassing the amplifier, follow the "Axxess Interface Amp Bypass Schematic" online.

CONNECTIONS TO BE MADE

From the 16-pin harness with stripped leads to the aftermarket radio:

- Connect the **Red** wire to the accessory wire.

Note: *If installing an ASWC-1 (sold separately), there will be an accessory wire there to connect as well.*

- If the aftermarket radio has an illumination wire, connect the **Orange/White** wire to it.

Note: *If the Orange wire on the GMOS-01 harness is populated on the factory side, use that wire instead.*

- If the aftermarket radio has a mute wire, connect the **Brown** wire to it. If the mute wire is not connected, the radio will turn off when OnStar is activated.
- Connect the **Gray** wire to the right front positive speaker output.
- Connect the **Gray/Black** wire to the right front negative speaker output.
- Connect the **White** wire to the left front positive speaker output.
- Connect the **White/Black** wire to the left front negative speaker output.

The following (3) wires are only for multimedia/navigation radios that require these wires.

- Connect the **Blue/Pink** wire to the VSS/speed sense wire.
- Connect the **Green/Purple** wire to the reverse wire.
- Connect the **Light Green** wire to the parking brake wire.

From the GMOS-01 harness to the aftermarket radio:

- Connect the **Black** wire to the ground wire.
- Connect the **Yellow** wire to the battery wire.
- Connect the **Blue/White** wire to the power antenna wire.
- If the aftermarket radio has an illumination wire, and this wire is populated on the factory side, connect the **Orange** wire to it.
- Connect the **Green** wire to the left rear positive speaker output.
- Connect the **Green/Black** wire to the left rear negative speaker output.
- Connect the **Purple** wire to the right rear positive speaker output.
- Connect the **Purple/Black** wire to the right rear negative speaker output.
- The **Black/Yellow** wire is used for OnStar level adjustment for models that do not come equipped with steering wheel controls. See the OnStar level Adjustment section for further instructions.
- Tape off and disregard the following (1) wire, it will not be used in this application: **Orange/White**.

Continued on the next page

CONNECTIONS TO BE MADE (CONT.)

12-pin pre-wired ASWC-1 harness:

- This harness is to be used along with the optional ASWC-1 (not included) to retain steering wheel audio controls. If the ASWC-1 is not being used, disregard this harness. If it will be used, please refer to the ASWC-1 instructions for radio connections and programming.

Note: Disregard the harness that comes with the ASWC-1.

- Connect the **Red** wire to the accessory wire.
- The following wire(s) must be cut before programming the ASWC-1:
 - * For the following vehicles cut the **White/Green, Green/Orange, and Orange/Green** wires.
 - ** For the following vehicles cut the **White/Green, Pink, and Green/Orange** wires.
 - *** For the following vehicles cut the **Pink** and **Green/Orange** wires.
 - † For the following vehicles cut the **White/Green** and **Pink** wires.
 - ‡ For the following vehicles cut the **Pink** wire.

BUICK		CHEVROLET		CHEVROLET (Cont)		GMC		ISUZU		PONTIAC (Cont)	
Century †	2004-2005	Avalanche *	2003-2006	Silverado *	2003-2006	Canyon *	2004-2012	Ascender *	2003-2008	Grand Prix **	2004-2008
LaCrosse †	2005-2009	Cavalier *	2000-2005	Silverado Classic *	2007	Envoy *	2002-2009			Montana SV6 **	2005-2006
Rainer *	2004-2007	Colorado *	2004-2012	SSR *	2003-2006	Sierra *	2003-2006	OLDSMOBILE		Sunfire *	2000-2005
Regal †	2004	Corvette ***	2007-2011	Suburban *	2003-2006	Sierra Classic *	2007	Alero **	2001-2004		
Rendezvous †	2002-2007	Corvette ‡	2012-2013	Tahoe *	2003-2006	Yukon *	2003-2006	Bravada *	2002-2004	SAAB	
Terraza ‡	2005-2007	Impala **	2000-2005	Trailblazer *	2002-2009	Yukon XL *	2003-2006	Intrigue **	2002	9-7x *	2005-2009
		Malibu	2001-2003	Uplander **	2005-2008			PONTIAC		SATURN	
CADILLAC		Malibu Classic	2004-2005			HUMMER		Aztec **	2001-2005	Relay **	2005-2007
Escalade, Escalade		Monte Carlo **	2000-2005			H2 *	2003-2007	Grand Am **	2001-2005		
ESV & EXT *	2003-2006										

INSTALLING THE GMOS-01

With the key in the off position:

- Connect the 16-pin harness with stripped leads, and the GMOS-01 harness, into the interface.
- Connect the GMOS-01 harness to the wiring harness in the vehicle.
- If using the ASWC-1, connect it after you initialize and test the GMOS-01, with the key in the off position.

INITIALIZING THE GMOS-01

Attention! *If the interface loses power for any reason, the following steps will need to be performed again. Also, if installing an ASWC-1 connect it after you initialize and test the interface/radio, with the key in the off position.*

- Turn the key (or push-to-start button) to the ignition position and wait until the radio comes on.
Note: *If the radio does not come on within 60 seconds, turn the key to the off position, disconnect the interface, check all connections, reconnect the interface, and then try again.*
- Turn the key to the off position, and then to the accessory position. Test all functions of the installation for proper operation, before reassembling the dash.

ADJUSTING THE GMOS-01

Chime level adjustment:

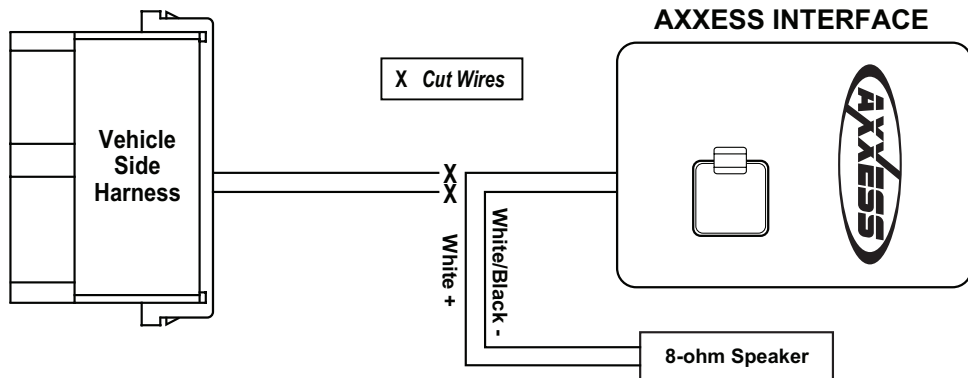
- Turn the vehicle off but leave the keys in the ignition. Open the driver's door and leave it open; chimes will be heard.
- Wait 10 seconds, and then with a small flat-blade screwdriver, adjust the potentiometer clockwise to raise the chime level; counterclockwise to lower the chime level.
Note: *The potentiometer is located on the side of the interface where the 16-pin harness with stripped leads is connected to.*
- When the chime is at the desired level, remove the keys from the ignition. This will lock the chime level in at its current level.

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, locate the **Black/Yellow** wire on the GMOS-01 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.

If installing an aftermarket amplifier in the vehicle and chimes/voice prompts are desired to be retained, follow one of the two schematics below. For the following applications:

- 99-2022B
- 99-2022BR
- 99-2023B
- 99-2023BR
- 99-3010S
- 99-3012G
- 99-3018HG
- 99-3018S
- 99-3307G
- 99-3308G
- 99-3309B
- AFSI-01
- AFSI-02
- AX-ADBOX1
- AX-ADBOX2
- AX-ADFD100
- AX-ADGM100
- AX-CH5-SWC
- AX-FD1-SWC
- AX-FD2-SWC
- AX-GMCL2-SWC
- AX-GMLAN11-SWC
- AX-GMLAN29-SWC
- AX-GMLAN44-SWC
- GMOS-01
- GMOS-014
- GMOS-044
- GMOS-045
- GMOS-05
- GMOS-07
- GMOS-12
- GMOS-LAN-01
- GMOS-LAN-012
- GMOS-LAN-03
- GMOS-LAN-034
- GMOS-LAN-06
- GMOS-LAN-08
- GMOS-LAN-09
- GMOS-LAN-10



For the following applications:

- 95-3303B
- 99-3303
- HYBL-01
- HYBL-05

