AX-GMLAN29
GM Data Interface
2006-2017

INTERFACE FEATURES

- Provides accessory power (12-volt 10-amp)
- Retains R.A.P. (retained accessory power)
- Provides NAV outputs (parking brake, reverse, and speed sense)
- Retains chimes through an onboard speaker
- Pre-wired ASWC-1 harness (ASWC-1 sold separately)
- Designed for non-amplified models, analog amplified models, or when bypassing a factory amp
- Retains balance and fade
- Micro-B USB updatable

INTERFACE COMPONENTS

• AX-GMLAN29 interface • AX-GMLAN29 harness

APPLICATIONS

See application list inside cover

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TOOLS REQUIRED

• Wire cutter • Crimp tool • Solder gun • Tape
• Connectors (i.e. butt-connectors, bell caps, etc.)

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.*

Application

BUICK

Enclave	2008-2017
Lucerne	2006-2011

CADILLAC

DTS †	2006-2011
Escalade †	2007-2014
SRX †	2007-2009

CHEVROLET

Avalanche *∆	2007-2013
Captiva Sport	2012-2015
Equinox	2007-2009
Express ‡	2008-2015
Impala	2006-2013
Impala *Limited*	2014-2016

CHEVROLET (CONT)

Monte Carlo	2006-2007
Silverado *∆ (new body)	2007-2013
Silverado 2500/3500 *∆	2014
Suburban *∆	2007-2014
Tahoe **∆	2007-2014
Traverse	2009-2017

GMC

Acadia	2007-2016
Acadia *Limited*	2017
Savana ‡	2008-2015
Sierra *∆	2007-2013
Sierra 2500/3500 *∆	2014

GMC (CONT)

Yukon / Yukon XL **∆	2007-2014

HUMMER

H2 †	2008-2009

PONTIAC

Torrent	2007-2009

SATURN

Outlook	2007-2010
VUE	2008-2010

SUZUKI

XL-7	2007-2009

*   *These vehicles have a digital amp option. Please reference the "Service Parts Identification" sticker located in the glove box for the RPO code Y91. If Y91 is present, then the vehicle is equipped with a digital amplifier.*

** *These vehicles have a digital amp option. Please reference the "Service Parts Identification" sticker located in the glove box for the RPO code STZ or Y91. If STZ or Y91 is present, then the vehicle is equipped with a digital amplifier.*

†   *These vehicles are standard for a digital amplifier.*

‡   *For 2013-2015, if the vehicle is equipped with OE navigation, use the AXADBXH-GM4.*

∆   *In 2012-Up, if the vehicle is equipped with OE navigation, use the AXADBXH-GM4.*

Connections to be made

From the AX-GMLAN29 harness to the aftermarket radio:

- Connect the **Black** wire to the ground wire.
- Connect the **Yellow** wire to the battery wire.
- Connect the **Red** wire to the accessory wire.
- Connect the **Blue** wire to the amp turn on wire.
- If the aftermarket radio has an illumination wire, connect the **Orange** wire to it.
- 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.
- 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 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.

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.*

Installing the AX-GMLAN29

With the key in the off position:

• Connect the AX-GMLAN29 harness into the interface, and then to the wiring harness in the vehicle.

Note: *If using the ASWC-1, connect it after you initialize and test the AX-GMLAN29, with the key in the off position.*

Initializing the AX-GMLAN29

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.

IMPORTANT

If you are having difficulties with the installation of this product, please call our Tech Support line at **1-800-253-TECH**. Before doing so, look over the instructions a second time, and make sure the installation was performed exactly as the instructions are stated. Please have the vehicle apart and ready to perform troubleshooting steps before calling.

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 or call 800-354-6782 for more information and take steps toward a better tomorrow.

Metra recommends MECP certified technicians