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.

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.)
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 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.

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 800-354-6762 for more information and take steps toward a better tomorrow.

Metra recommends MECP certified technicians