GM **Data Interface** 2014-Up

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INTERFACE FEATURES

- Provides accessory power (12-volt 10-amp)
- Retains R.A.P. (retained accessory power)
- Provides NAV outputs (parking brake, reverse, speed sense)
- Designed for non-amplified models
- Retains OnStar/OE Bluetooth
- Retains all warning chimes
- Adjustable volume for chimes and OnStar
- Retains the AUX-IN jack
- Prewired AXSWC harness (AXSWC sold separately)
- Retains balance and fade
- Micro-B USB updatable

INTERFACE COMPONENTS

- AXGMLN-09 interface • AXGMLN-09 harness
- 16-pin harness with stripped leads

OPTIONAL ACCESSORIES (sold separately)

Extension Harness: AXEXH-GM09
Steering Wheel Control Interface: AXSWC

TOOLS REQUIRED

- Crimping tool and connectors, or solder gun, solder, and heat shrink • Tape • Wire cutter
- Zip ties • Small flat-blade screwdriver

Attention! *Let the vehicle sit with the key out of the ignition for a few minutes before removing the factory radio. When testing the aftermarket equipment, ensure that all factory equipment is connected before cycling the key to ignition.*

APPLICATIONS

CHEVROLET				GMC	
Colorado **(1)**	2015-2018	Silverado 1500 **(2)**	2014-2018	Canyon **(1)**	2015-2018
Equinox **(1)**	2018	Suburban	2015-up	Sierra 2500/3500 **(2)**	2015-2018
Malibu **(3)**	2016-up	Tahoe	2015-up	Sierra 1500 **(2)**	2014-2018
Silverado 2500/3500 **(2)**	2015-2018			Yukon / Yukon XL	2015-up

• **(1)** With RPO code I05 or I06 • **(2)** With RPO code I03, I05, or I06 • **(3)** With Base model radio, RPO code IP1

The I0A/I0B code, if applicable, can be found in the **Service Parts Identification** label located:
Glovebox: Canyon/Colorado/Cruze/Equinox/Silverado/Sierra – **Rear Compartment Floor:** Malibu

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

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

  Note: If installing an AXSWC (sold separately), there will be an accessory wire on the AXGMLN-09 harness to connect as well.

- 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.

- 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.

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

- Connect the **Light Green** wire to the parking brake wire.

- Connect the **Blue/Pink** wire to the speed sense wire.

- Connect the **Green/Purple** wire to the reverse wire.

From the AXGMLN-09 harness to the aftermarket radio:

- Connect the **Black** wire to the ground wire.

- Connect the **Yellow** wire to the battery wire.

- Connect the (2) **Red** wires to the accessory wire.

- Connect the **Green** wire to the left rear positive speaker output.

- Connect the **Green/Black** wire to the left rear negative speaker output.

  Note: There are (2) **Green/Black** wires. Use the shorter of the two.

- 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. Refer to the OnStar Level Adjustment section for further instructions.

- Connect the **Red** and **White** RCA jacks to the audio AUX-IN jacks of the aftermarket radio.

- Connect the **Yellow** RCA jack to the backup camera input jack.

  Note: Only connect this jack if the RPO code I03 is present in the "Service Parts Identification" sticker located inside the glove box. If this code is not present, use the AXBUCH-GM3 harness (sold separately) to retain the factory backup camera.

- Disregard the DIN jack, it will not be used in this application.

Note: The relay attached to the AXGMLN-09 harness is only for audible turn signal clicks. No extra steps are required to retain this feature, so leave the relay as-is.
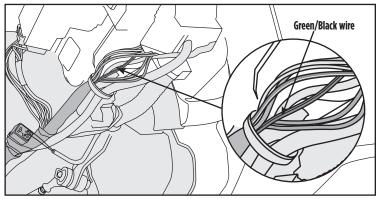
CONNECTIONS *(CONT.)*

12-pin AXSWC harness & 3.5mm jack:

The 12-pin AXSWC harness & 3.5mm jack are to be used with an AXSWC (sold separately) to retain steering wheel audio controls. If the AXSWC is not being used, disregard this harness and 3.5mm jack. If it is to be used, please refer to the AXSWC instructions for radio connections and programming. Disregard the harness that comes with the AXSWC.

- Connect the 4-foot long **Green/Black** wire to the **Green/Black** steering wheel control wire located in the steering column, at the top left. (Figure A)

Green/Black wire

(Figure A)

INSTALLATION

With the key in the off position:

1. Connect the **16-pin harness with stripped leads**, and the **AXGMLN-09 harness**, into the **AXGMLN-09 interface**.

2. If an **AXSWC** (sold separately) will be used, do not connect it until the **AXGMLN-09** is programmed and fully functional.

Attention! Do not connect the **AXGMLN-09 harness** to the wiring harness in the vehicle just yet.

PROGRAMMING

For the steps below, the L.E.D. located inside the **AXGMLN-09 interface** can only be seen while active. The interface does not need to be opened to see the L.E.D.

1. Start the vehicle.

2. Connect the **AXGMLN-09 harness** to the wiring harness in the vehicle. The L.E.D. will initially be **Green** to indicate the interface is powered.

   Note: For the Equinox and Malibu, use part number **AXEXH-GM09** (sold separately) to extend the wiring harness to the right of the glovebox where the radio brain is located at.

3. After a few seconds the L.E.D. will turn on solid **Red** while the interface automatically programs to the vehicle. The radio will shut off at this point. This process should take 5 to 30 seconds.

4. After the interface is programmed, the L.E.D. will turn on solid **Green**, and the radio will come back on, indicating programming was successful.

5. Test all functions of the installation for proper operation, before reassembling the dash.

   Note: The vehicle must be running for the factory camera to power on.

6. If the interface fails to function, refer to the **Troubleshooting** section.

ADJUSTMENTS

Chime Level Adjustment

1. With the vehicle on, turn it off and leave the key in the ignition. Open the driver's door; chimes will be heard.
2. Wait 10 seconds, and then with a small flat-blade screwdriver, turn 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.
3. When the chime level is at a desired level, remove the key from the ignition. This will lock the chime volume at its current level.

OnStar Level Adjustment

1. Press the OnStar button to activate it.
2. While OnStar is speaking, press the VOLUME UP or VOLUME DOWN buttons on the steering wheel to raise or lower the OnStar level.
3. If the vehicle does not come equipped with steering wheel controls, find the **Black/Yellow** wire on the **AXGMLN-09 harness**.
4. 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.

TROUBLESHOOTING

Resetting the AXGMLN-09 Interface

1. The **Blue** reset button is located inside the interface, between the two connectors. The button is accessible outside the interface, no need to open the interface.
2. Press and hold the reset button for two seconds, then let go to reset the interface.
3. Refer to the **Programming** section from this point.

If you are having difficulties with the installation of this product, contact our Tech Support line either by phone at **1-800-253-TECH**, or email at **techsupport@metra-autosound.com**. Before doing so, look over the instruction booklet a second time and ensure that the installation was performed exactly as the instruction booklet is stated. Have the vehicle apart and ready to perform troubleshooting steps before contacting Metra/Axxess Tech Support.

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