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AXGMLN-10
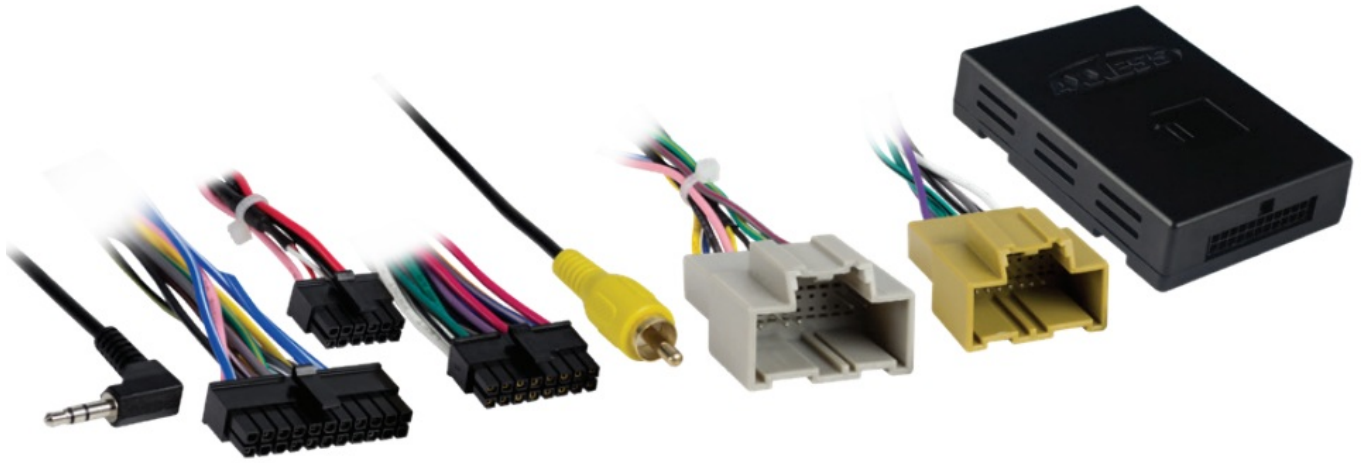Wiring Interface

AXXESS AXGMLN-10 Wiring Interface Installation Guide

Contents

AXXESS AXGMLN-10 Wiring Interface

Specifications

- Model: AXGMLN-10
- Compatibility: GM Data Interface 2016-Up
- Applications: Chevrolet and GMC vehicles specified in the manual
- Optional Accessories: Extension Harness AXEXH-GM10, Steering Wheel Control Interface AXSWC

GM Data Interface 2016-Up
Visit **AxxessInterfaces.com** for more detailed information about the product and up-to-date vehicle specific applications

INTERFACE FEATURES

- Provides accessory power (12-volt 10-amp)
- Retains R.A.P. (retained accessory power)
- Provides NAV outputs (parking brake, reverse, speed sense)
- Retains chimes
- Pre-wired AXSWC harness (AXSWC sold separately)
- Retains OnStar / OE Bluetooth
- Retains the factory backup camera†
- Adjustable chime/OnStar level
- Can be used in both amplified and non-amplified models (excluding Bose)
- Retains balance and fade
- Micro-B USB updatable
- Excluding 2018 trucks

APPLICATIONS

CHEVROLET

- Colorado (with IOB radio) 2017-Up
- Cruze (with IOA radio) 2016-2018
- Cruze Hatchback (with IOA radio) 2016-2018
- Equinox (with IOB radio) 2018

- Malibu (with IOA radio) 2016-2018
- Silverado (with IOB radio) 2016-2018
- Silverado LD 2019

GMC

- Canyon (with IOB radio) 2017-2018
- Sierra (with IOB radio) 2016-2018
- Sierra Limited (with IOB radio) 2019

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

INTERFACE COMPONENTS

- AXGMLN-10 interface
- AXGMLN-10 harness
- 16-pin harness with stripped leads

OPTIONAL ACCESSORIES (sold separately)
Extension Harness: AXEXH-GM10 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.

CONNECTIONS

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-10 harness to connect as well.
- If the vehicle is equipped with a factory amplifier (excluding Bose), connect the Blue/White wire to the amp turn on wire. This wire must be connected to hear sound from the factory amplifier.
- If the aftermarket radio has an illumination wire, connect the Orange/White wire to it.
- 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.
- Tape off and disregard the following (4) wires, they will not be used in this application. Green, Green/Black, Purple, Purple/Black

From the AXGMLN-10 harness to the aftermarket radio:

- Connect the Black wire to the ground wire.
- Connect the Yellow wire to the battery wire.
- If installing an AXSWC (sold separately), connect the Red wire to accessory power.
- 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.
- If retaining the factory backup camera, connect the Yellow RCA jack to the reverse camera input.

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.

Note: The relay attached to the AXGMLN-10 harness is only for audible turn signal clicks. No extra steps are required to retain this feature, so leave the relay as-is.

INSTALLATION

With the key in the off position:

1. Connect the 16-pin harness with stripped leads, and the AXGMLN-10 harness, into the AXGMLN-10 interface.
2. If an AXSWC (sold separately) will be used, do not connect it until the AXGMLN-10 is programmed and fully functional.

Attention! Do not connect the AXGMLN-10 harness to the wiring harness in the vehicle just yet.

PROGRAMMING
For the steps below, the L.E.D. located inside the AXGMLN-10 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-10 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-GM10 (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 keys in 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.
3. When the chime is at a desired level, remove the keys 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, locate the Black/Yellow wire from the AXGMLN-10 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-10 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.

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

- **AxxessInterfaces.com**
- REV. 5/12/20 INSTAXGMLN-10

FAQ

- **Q: What should I do if I encounter issues during installation?**

  A: Refer to the troubleshooting section in the manual for guidance on resolving common issues. If problems persist, contact customer support for assistance.
- **Q: Can I use the product with vehicles not listed in the applications section?**

  A: It is recommended to only use this product with the specified Chevrolet and GMC vehicles mentioned in the manual for optimal performance.

Documents / Resources

 AXXESS AXGMLN-10 Wiring Interface [pdf] Installation Guide
AXGMLN-10, AXGMLN-10 Wiring Interface, AXGMLN-10, Wiring Interface, Interface

References

- **User Manual**

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