



Installation instructions for part GMOS-044

GMOS-044 Chevrolet Cruze 2011-2015 / Cruze Limited 2016 (with monochrome screen)

FEATURES

- Provides accessory power (12-volt 10-amp)
- Retains R.A.P. (retained accessory power)
- Used in amplified or non-amplified systems
- Retains chimes
- Provides NAV outputs (parking brake, reverse, mute, and speed sense)
- Prewired ASWC-1 harness included (ASWC-1 sold separately)
- Retains OnStar/OE Bluetooth
- Adjustable volume for chimes and OnStar
- High level speaker input
- Micro “B” USB updatable
- Retains balance and fade

INTERFACE COMPONENTS

- GMOS-044 interface • GMOS-044 harness

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TOOLS REQUIRED

- Cutting tool • Crimping tool • Tape
- Connectors (example: 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.





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Connections to be made

From the 16-pin harness to the aftermarket radio:

- Connect the **Red** wire to the accessory wire.
- Connect the **Orange/White** wire to the illumination wire. If the aftermarket radio has no illumination wire just tape off the **Orange/White** wire.
- If equipped with a factory amplifier, connect the **Blue/White** wire to the amp turn on wire.
- 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 **Gray** wire to the right front positive speaker output.
- Connect the **Gray/Black** wire to the right front negative speaker output.
- Connect the **Brown** wire to the mute wire. If the aftermarket radio does not have a Mute wire, tape up the **Brown** 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.

From the 18-pin harness to the aftermarket radio:

- Connect the **Black** wire with the ring terminal to the radio chassis with the ISO screw that is supplied with radio.

***Note:** This wire must be connected as instructed otherwise the interface will not be functional.*

- The **Black/Yellow** wire will be discussed later in this manual.
- If the vehicle does not come equipped with steering wheel controls, connect the **Green/Orange** wire to the **Green/Orange** wire on the ASWC-STALK (sold separately) to retain the personalization features. See the “No OE Steering Wheel Controls” section for more information and wiring of the ASWC-STALK.

From the 44-pin harness to the aftermarket radio:

- Connect the **Black** wire to the ground wire.
- Connect the **Yellow** wire to the battery wire.
- Connect the **Green** wire to the left rear positive speaker output.

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Connections to be made

- Connect the **Green/Black** wire to the left rear negative speaker output.
- Connect the **Purple** wire to the right rear positive speaker output of the aftermarket radio.
- Connect the **Purple/Black** wire to the right rear negative speaker output of the aftermarket radio.
- Connect the RCA jacks to the audio AUX-IN jacks (if applicable).

Note: (a) This will allow you to retain the 3.5 AUX-IN jack in the console.

(b) The 3.5 jack can only be used if it is a single AUX-IN jack.

(c) If the AUX-IN jack has a USB port, neither can be used.

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.

Note: The relay attached to the GMOS-044 is only for audible turn signal clicks. No extra steps are required to retain this, so leave it as-is.

Installing the GMOS-044

With the key in the off position:

- Connect the GMOS-044 harness into the interface, and then into the vehicle.

Initializing the GMOS-044

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.



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Adjusting the GM05-044

Chime level adjustment:

- With the vehicle on, turn it off and leave the keys in ignition. Open the driver's door; chimes will be heard.
- Wait 10 seconds, and then with a small screwdriver, turn the potentiometer clockwise to raise the chime level; counterclockwise to lower the chime level.
- 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:

- 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, find the **Black/Yellow** wire on the 18-pin 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.

Personalization menu

Your vehicle must be equipped with OE steering wheel controls in order to access or change the personalization features in your vehicle. If your vehicle did not come equipped with OE steering wheel controls, please refer to the “**No OE Steering Wheel Control Section**” of this manual.

***Note:** Personalization menu can be set before the factory radio is removed. Time and date cannot be adjusted in vehicles without the factory steering wheel controls.*

***Note:** OE Screen can be disconnected in models without factory steering wheel controls.*

1. Turn off your aftermarket radio.
2. Press and hold the **Off Hook** button on the steering wheel for 3-seconds. After 3-seconds the personalization menu will show up on the display.
3. To scroll through the menus, use the **Seek Up** and **Seek Down** buttons on the steering wheel.
4. To make a selection, use the **Source** button on the steering wheel which is the center button between the **Seek Up** and **Seek Down** buttons.
5. Use the **Off Hook** button to exit the personalization menu.

No OE Steering Wheel Controls

If your vehicle did not come equipped with OE steering wheel controls, you can purchase an ASWCSTALK to retain both the clock setting function, and the ability to change the personalization features in your vehicle. Below are the wiring instructions on wiring and using the ASWCSTALK.

Note: *The ASWCSTALK cannot be used to control the aftermarket radio, i.e., volume, seek, mute, etc. You can only use the ASWCSTALK for controlling the personalization menu.*

1. Connect the two **Black** wires of the ASWCSTALK to 12-volt accessory power.
2. Connect the **Green/Orange** wire from the ASWCSTALK to the **Green/Orange** wire on the 18-pin harness of the GMOS-044.
3. Tape up the **Green/Black** wire from ASWCSTALK, as it has no connection in this application.
4. Turn on ignition and test the ASWCSTALK. The following are the buttons that apply to this application. All other buttons will not be used in this application.

Notes

