



## Installation instructions for GM05-MOST-01

# GM05-MOST-01

## GM 2014-up MOST® Amplifier Interface

### FEATURES

- Provides accessory power (12-volt 10-amp)
- Retains R.A.P. (retained accessory power)
- Retains OnStar / OE Bluetooth
- Retains warning chimes
- Provides NAV outputs (mute / parking brake / reverse / speed sense)
- Prewired ASWC-1 harness (ASWC-1 sold separately)
- Retains factory 3.5 AUX-IN
- Retains the factory backup camera
- Used in MOST® amplified applications
- Adjustable gain control for overall volume
- High level speaker input
- Retains balance
- Micro B USB updatable

### APPLICATIONS

#### CHEVROLET

Colorado	2015-up
Silverado1500	2014-up
Silverado 2500/3500	2015-up
Suburban	2015-up
Tahoe	2015-up

#### GMC

Canyon	2015-up
Sierra 1500	2014-up
Sierra 2500/3500	2015-up
Yukon	2015-up

### INTERFACE COMPONENTS

- GM05-MOST-01 interface
- GM05-MOST-01 harness
- 16-pin harness with stripped leads
- 12-pin harness with a yellow RCA jack
- 10-pin jumper harness
- 12-pin jumper harness

### 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.





GM05-MOST-01

## Connections to be made

### From the 16-pin harness to the aftermarket radio:

- Connect the (2) **Red** wires to the accessory wire.
- Connect the **Orange/White** wire to the illumination wire. (If the aftermarket radio does not have an illumination wire, tape off the **Orange/White** wire.)
- Connect the **Blue/White** wire to the amp turn on wire (this wire must be connected to hear sound from the factory amplifier).
- If using the optional ASWC-1 (not included), connect the **Brown** wire to the **Brown** wire in the 12-pin pre-wired ASWC-1 harness.
- 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 **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 for aftermarket multimedia/navigation radios that provide these wires (if not required, tape them off and disregard them):

- Connect the **Light Green** wire to the parking brake wire (if applicable).
- Connect the **Blue/Pink** wire to the speed sense wire (if applicable).
- Connect the **Green/Purple** wire to the reverse wire (if applicable).

### From the GM05-MOST-01 harness to the aftermarket radio:

- Connect the **Black** wire to the ground wire.
- Connect the **Yellow** wire to the battery wire.
- Connect the RCA's to the audio AUX-IN on the aftermarket radio (if equipped).

**Note:** (a) This will allow you to retain the 3.5 AUX JACK in the console.

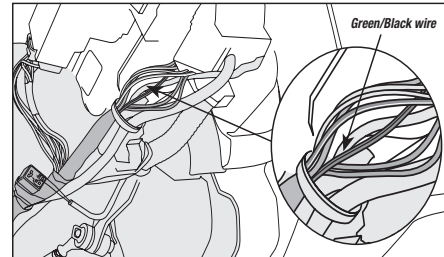
(b) The 3.5 jack can only be used if it is a single AUX jack.

(c) If the AUX 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 following instructions, and the ASWC-1 instructions for radio connections and programming.

**Note:** Disregard the harness that comes with the ASWC-1.



(Figure A)

### To the aftermarket radio:

- Connect the **Red** wire to the accessory wire.
- Connect the **Brown** wire to the **Brown** wire in the 16-pin harness.

### To the vehicle:

- Connect the **Green/Black** wire to the **Green/Black** wire in the black, 8-pin connector below the steering column. (Figure A)

*Continued on the next page*



## GM05-MOST-01

# Connections to be made

### DIN jack:

The DIN jack is to be used with the optional AX-LCD (sold separately).

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

**Note:** The relay attached to the GM05-MOST-01 harness is only for audible turn signal clicks. No extra steps are required to retain this feature, so leave the relay as-is.

### From the 12-pin harness with a Yellow RCA jack

#### To the aftermarket radio:

- Connect the **Yellow** RCA jack to the BACKUP CAMERA input.

#### To the vehicle:

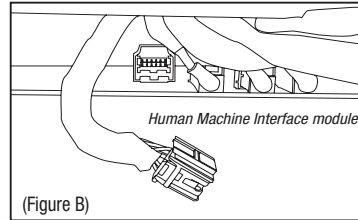
- Connect the *female* 12-pin harness with a **Yellow** RCA jack, to the *male* **Gray** harness removed from the Human Machine Interface module. (Figure B)

#### For the Chevy Colorado and GMC Canyon:

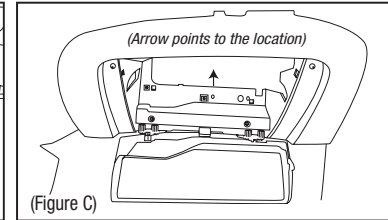
- This module is located in the radio cavity, down low.

#### For all other models:

- This module is located behind the glove box. There are (2) modules behind the glove box. This module is behind the metal dashboard support. (Figure C)
- Drop the glove box down by first removing the retaining cable on the right side. Then squeeze the glove box sides and gently pull down.
- Remove (6) T-15 Torx screws securing the plastic panel now exposed.



(Figure B)



(Figure C)

### From the 10-pin or 12-pin jumper harness to the vehicle:

If the vehicle **does not** have a CD or DVD-Drive, disregard these steps.

#### For models without rear seat entertainment:

- Connect the *female* **Black** 10-pin jumper harness, to the *male* **Black** 10-pin harness removed from the CD-Drive.

#### For models with rear seat entertainment:

- Connect the *female* **Black** 12-pin jumper harness, to the *male* **Black** 12-pin harness removed from the DVD-Drive.



## Installation instructions for GMOS-MOST-01

### Installing the GMOS-MOST-01

#### With the key in the off position:

- Connect the 16-pin harness with stripped leads, and the GMOS-MOST-01 harness into the interface.
- Connect the GMOS-MOST-01 harness into the vehicle.
- With all connections completed, reconnect the negative battery terminal.

**Note:** If using the ASWC-1, connect it after you initialize and test the GMOS-MOST-01, with the key in the off position.

### Initializing the GMOS-MOST-01

**Attention:** If the GMOS-MOST-01 loses power for any reason, the following step will need to be performed again.

- Initialize the interface by turning the ignition on for 30 seconds, then turn the ignition back off, then back on again.

### Adjusting the GMOS-MOST-01

- With the vehicle and radio turned on, turn the volume up 3/4 of the way.
- Locate the end of the GMOS-MOST-01 with the 16-pin harness with stripped leads.
- With a small screwdriver, adjust the potentiometer clockwise to raise the audio level; counterclockwise to lower the audio level.
- Once at a desired level, the audio level adjustment is complete.

