



## GM CLASS II DATA BUS INTERFACE

# GMRC-05

## INSTALLATION INSTRUCTIONS

*\* Retains the factory door chime and supplies a 12V switched voltage for audio operation.*

**\* READ IMPORTANT WARNING ON PAGE 1  
BEFORE ATTEMPTING ANY INSTALLATION**

*(Not compatible with BOSE or  
MONSOON systems)*

### APPLICATIONS

#### CHEVROLET

EQUINOX 2005

### INTERFACE COMPONENTS

- GMRC-05 Data Interface
- 10 pin to 24 pin GM harness w/ stripped leads



1-800-221-0932



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## **INST-GMRC05**

### **\* IMPORTANT WARNING**

THIS PRODUCT INCLUDES INSTRUCTIONS FOR INSTALLATION WHICH MUST BE CAREFULLY FOLLOWED. THE INSTRUCTIONS ARE WORDED IN SUCH A MANNER TO ASSUME THAT THE INSTALLER IS CAPABLE OF COMPLETING THESE TYPE OF ELECTRONIC INSTALLATIONS. IF YOU ARE UNCLEAR AS TO WHAT YOU ARE INSTRUCTED TO DO OR BELIEVE THAT YOU DO NOT UNDERSTAND THE INSTRUCTIONS SO AS TO PROPERLY AND SAFELY COMPLETE THE INSTALLATION YOU SHOULD CONSULT A TECHNICIAN WHO DOES HAVE THIS KNOWLEDGE AND UNDERSTANDING. **FAILURE TO FOLLOW THESE INSTRUCTIONS CAREFULLY AND TO INSTALL THE INTERFACE AS DESCRIBED COULD CAUSE HARM TO THE VEHICLE OR TO SAFETY SYSTEMS ON THE VEHICLE. INTERFERENCE WITH CERTAIN SAFETY SYSTEMS COULD CAUSE HARM TO PERSONS AS WELL. IF YOU HAVE ANY QUESTIONS IN THIS REGARD PLEASE CALL THE HELP LINE OR THE METRA AT 1-800-221-0932 FOR ASSISTANCE.**

## TOOLS REQUIRED FOR INSTALLATION

- Cutting Tool • Tape • Crimping Tool
- Connectors (ie: butt-connectors, bell caps, etc.)

## INSTALLING THE INTERFACE

**\* IMPORTANT:** Before beginning any of the following, disconnect the negative battery terminal to prevent an accidental short circuit.

**\*\* Note:** The ignition power source of every GM vehicle keeps the radio on until the front driver door is opened. The GMRC-05 is designed to retain this feature.

1. The GMRC-05 harness contains four wires: Yellow, Red, Black, and Pink. The Pink wire is already terminated and should not be connected to anything else.
2. Connect the Yellow wire to the Yellow wire on the supplied 24-way harness and to the aftermarket radio's constant lead.
3. Connect the Red wire only to the ignition lead from the aftermarket radio.
4. Connect the Black wire to the aftermarket radio's ground wire.
5. Mount the GMRC-05 in a location where the internal speaker will be heard.
6. Connect the remaining wires between the GMRC-05 and the aftermarket radio using the Final Wiring Connections instructions described on page 2.

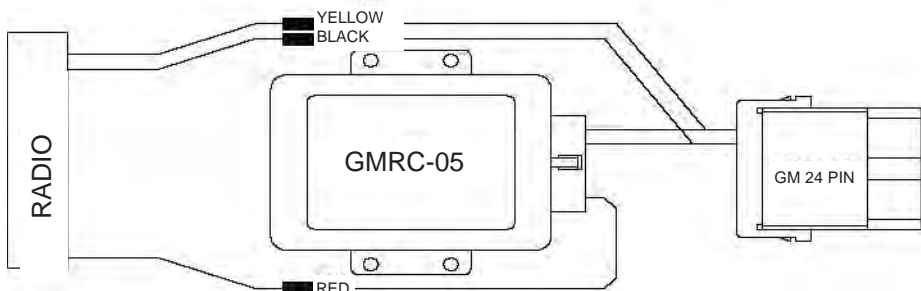


DIAGRAM 1



## INST-GMRC05

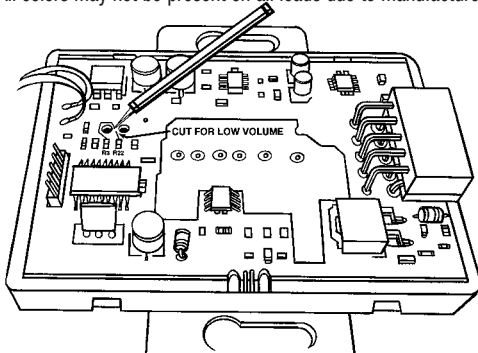
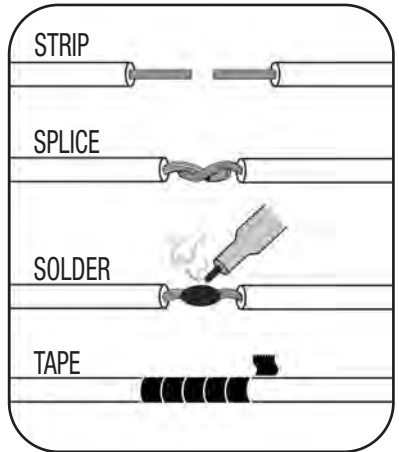
### FINAL WIRING CONNECTIONS

Make wiring connections using the EIA color code chart shown below and the instructions included with the head unit. Metra recommends making connections as shown below; Strip, Splice, Solder, Tape. Isolate and individually tape off ends of any unused wires to prevent electrical short circuit.

### METRA / EIA WIRING CODE

12V Ignition / Acc. . . . .	Red
12V Batt / Memory . . . . .	Yellow
Ground . . . . .	Black*
Power Antenna . . . . .	Blue
Amp Turn-On . . . . .	Blue / White
Amp Ground . . . . .	Black / White
Illumination . . . . .	Orange
Dimmer . . . . .	Orange / White
Right Front (+) . . . . .	Gray
Right Front (-) . . . . .	Gray / Black
Left Front (+) . . . . .	White
Left Front (-) . . . . .	White / Black
Right Rear (+) . . . . .	Violet
Right Rear (-) . . . . .	Violet / Black
Left Rear (+) . . . . .	Green
Left Rear (-) . . . . .	Green / Black

**\*NOTE:** When Black a wire is not present, ground radio to vehicle chassis.  
All colors may not be present on all leads due to manufacturer's specifications.



**\*NOTE:**  
If the volume of the GMRC-05 is too loud you will need to remove the cover and cut the solder connection where the arrow points to on the circuit board. (between the holes on the board)

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