INSTALLING AND TESTING THE MITO-01
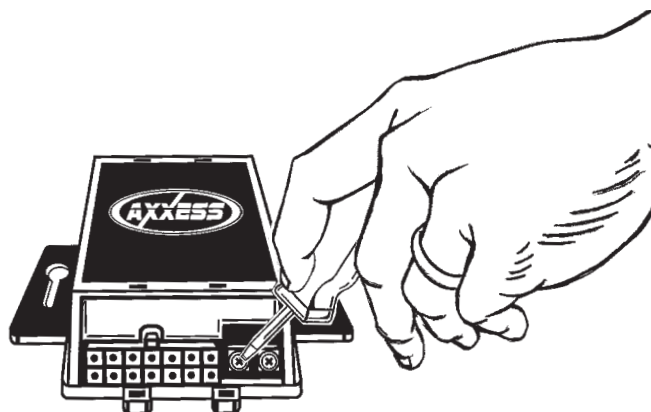
1. With all connections completed to the radio, plug the corresponding harnesses into the MITO-01.

2. Cycle the key by turning the ignition on then back off, then back on again to test the radio for proper operation.

3. If the subwoofer or front door speakers are too loud you can adjust the output by following the steps below:

A. Locate the end of the MITO-01 with the 14 way Molex connector.

B. There are 2 potentiometers next to the Molex connector, the one closest to the Molex connector is the subwoofer control and the other one is the front door speaker control.

SUBWOOFER CONTROL

FRONT DOOR SPEAKER CONTROL

C. Using a small blade screwdriver turn the potentiometer of the speaker you want to adjust either clockwise to make it louder or counterclockwise to lower the volume.

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Rev. 03/11/10   INSTMITO-01

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MITO-01
INSTALLATION INSTRUCTIONS

*** READ IMPORTANT WARNING ON PAGE 2 BEFORE ATTEMPTING ANY INSTALLATION**

The **MITO-01** is designed to be used in vehicles listed in the applications that have the Rockford Fosgate audio system.The Rockford Fosgate system uses a digital signal to turn on the amplifier. The MITO-01 supplies that digital signal to turn the amplifier on and also eliminates the "COM ERROR" message on the display when the OEM radio is removed. When installing a radio that has navigation built in, the MITO-01 can supply VSS (Vehicle Speed Sense), Parking Brake, and Reverse; however Reverse is not available on manual transmission vehicles.

The radios speaker wires will provide the audio for the dash and rear speakers while the rca's will provide the audio to the amplifier to power the door speakers and woofer.

INTERFACE COMPONENTS
• MITO-01 Interface
• 14 Pin Harness with RCA's
• Vehicle side harness
• 2 Pin harness

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TOOLS REQUIRED FOR INSTALLATION

• Cutting Tool • Small Blade Screwdriver • Tape • Crimping Tool • Connectors (I.E. butt-connectors, bell caps, etc…)

APPLICATIONS

| MITSUBISHI | Eclipse | 2006-2010 |
| MITSUBISHI | Endeavor | 2007-2009 |

* 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.**

BEFORE WIRING UP THE MITO-01

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

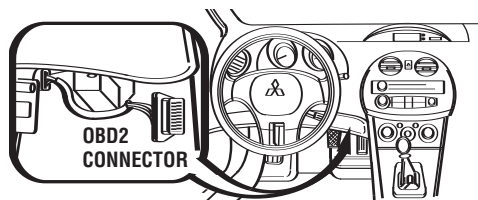## WIRING CONNECTIONS TO BE MADE ON THE VEHICLE SIDE HARNESSES:

1. Connect the **Yellow** wire to the radio's 12 volt battery or memory wire.

2. Connect the **Red** wire to the radios 12 volt ignition or accessory wire.

3. Connect the **Black wire with the fork connector** to a good ground, like a metal brace in the dash.

4. Connect the **Black** wire to the radios ground wire.

5. Connect the **Orange** wire to the radios Illumination wire. If the radio does not have an Illumination wire just tape up the wire.

6. Connect the **Blue** wire to the radios power antenna turn on wire.

7. Connect the **White** wire to the radios Left Front (+) speaker wire.

8. Connect the **White/Black** wire to the radios Left Front (-) speaker wire.

9. Connect the **Gray** wire to the radios Right Front (+) speaker wire.

10. Connect the **Gray/Black** wire to the radios Right Front (-) speaker wire.

11. Connect the **Green** wire to the radios Left Rear (+) speaker wire.

12. Connect the **Green/Black** wire to the radios Left Rear (-) speaker wire.

13. Connect the **Purple** wire to the radios Right Rear (+) speaker wire.

14. Connect the **Purple/Black** wire to the radios Right Rear (-) speaker wire.

If the radio you are installing has navigation built in, the MITO-01 can supply the necessary navigation outputs with some additional wiring. The MITO-01 comes with a 2 pin connector with a Pink and a Blue/Pink wire in it.
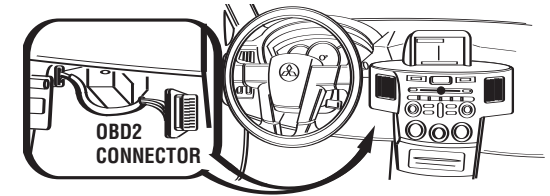*Follow the steps below to connect these wires to the vehicle:*

1. Connect the 2 pin connector with loose leads to the mating connector on the vehicle side harness of the MITO-01.

2. Locate the OBD2 connector which is located beneath the driver's side dash panel close to the center console and run the Pink and the Blue/Pink wires down to it.
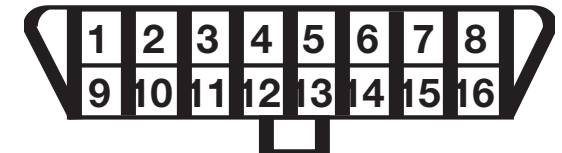
MITSUBISHI   Eclipse   2006-2010

MITSUBISHI   Endeavor   2007-2009

3. Take the Pink wire from the 2 pin connector and connect it to pin 6 of the OBD2 connector.

4. Take the Blue/Pink wire from the 2 pin connector and connect it to pin 14 of the OBD2 connector.

OBD2 Connector Face View

WIRING CONNECTIONS TO BE MADE ON THE 14 PIN HARNESS WITH RCA'S:

* NOTE: The RED wire on this harness will not be used. Tape up wire to prevent any accidental short circuits.

1. Connect the **Blue/White** wire to the radios amplifier turn on wire.

2. Connect the **Brown** wire to the radios mute wire. If the radio does not have a Mute wire just tape up the wire.

3. Connect the **White RCA** to the radios left front rca output.

4. Connect the **Gray RCA** to the radios right front rca output.

5. Connect the **Green RCA** to the radios left rear rca output.

6. Connect the **Purple RCA** to the radios right rear rca output.

If the radio does not have rca outputs or only 1 pair we recommend the use of the Axxess ALOC648 or ALOC608 line level convertor (sold separately).

The following wires are for radios that have navigation:

• Connect the **Blue/Pink** wire to the radios VSS or Speed Sense wire.

• Connect the **Green** wire to the radios Parking Brake wire.

• Connect the **Green/Purple** wire to the radios Reverse wire.

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