



## CHRYSLER AMPLIFIER INTERFACE

### CHRY-AMP-01

#### INSTALLATION INSTRUCTIONS

The CHRY-AMP-01 is designed to allow the user to add a 2 channel or monoblock amplifier to the Chrysler/Dodge/Jeep vehicles listed below that are equipped with the digital amplified sound system. These vehicles have a 2 channel fixed output at the radio which traditional line level convertors cannot use. The CHRY-AMP-01 will provide a non-fading output and provide a 12 volt turn on for the aftermarket amplifier.

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

#### APPLICATIONS

##### CHRYSLER

300/ 300C 2005-07  
Aspen 2007  
PT Cruiser 2006-07

##### DODGE

Caliber 2007-08  
Charger 2005-07  
Dakota 2005-07  
Durango 2004-07  
Magnum 2005-07  
Ram Pickup 2006-07  
1500

##### JEEP

Commander 2006-07  
Compass 2007  
Grand Cherokee 2005-07  
Patriot 2007

##### MITSUBISHI

Raider 2005-07

#### INTERFACE COMPONENTS

- CHRY-AMP-01
- OEM Radio to CHRY-AMP-01 "T" Harness



1-800-221-0932



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**\* 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.**

## WIRING AND INSTALLATION

1. Make sure that the vehicle is turned off and if possible disconnect the negative battery terminal to prevent any accidental shorts.
2. Remove the OEM radio. Please see your local car audio professional if you have questions or problems doing this.
3. Unplug the harness going into the back of the OEM radio.
4. Plug the "T" harness into the OEM radio, the OEM harness, and into the CHRY-AMP-01 interface.
5. Connect the **BLUE/WHITE** wire from the CHRY-AMP-01 interface to the remote turn on of the aftermarket amplifier.
6. Do not reinstall the OEM radio until the amplifier is installed and tested.

## LEVEL ADJUSTMENT

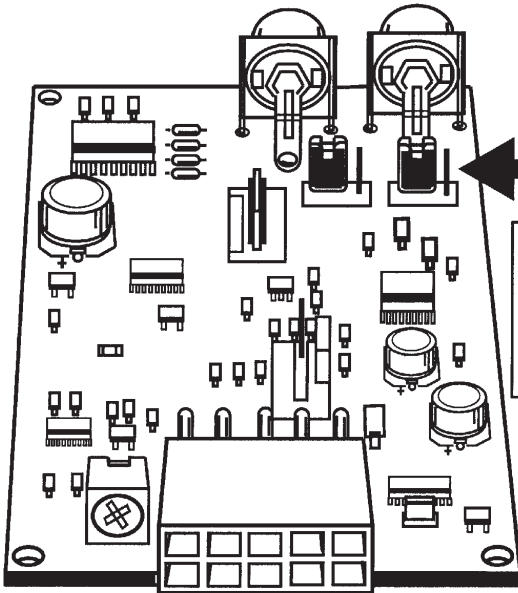
If after setting the amplifier gain properly the output is still too low or high, you can increase/decrease the level at the CHRY-AMP-01. Locate the potentiometer on the CHRY-AMP-01 which is next to the 10 way Molex plug. Turn the radio on and use a small Phillips or Flathead screwdriver turn the potentiometer up or down to adjust the level up or down.

## NOISE ISSUE

Most installations should be free of noise however there might be some cases that noise is present. If that is the case follow these steps:

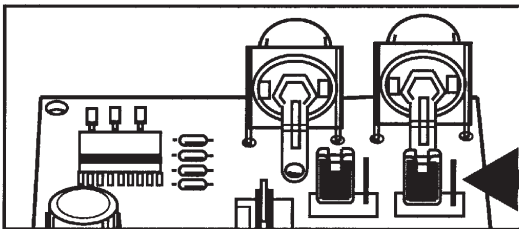
1. Make sure the vehicle is turned off.
2. Open up the CHRY-AMP-01 interface and locate the 3 pin header with the shunt on 2 of the pins.
3. Move the shunt from pins 2 and 3 to pins 1 and 2.
4. Close up the CHRY-AMP-01 interface and turn vehicle on to test.
5. In some rare cases a ground loop isolator may be required.

# CHRY-AMP-01

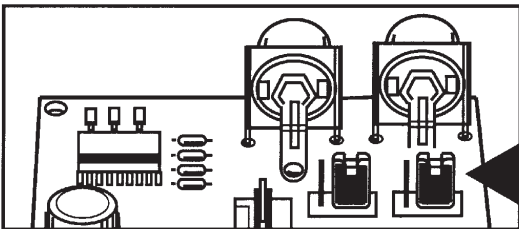


CHRY-AMP-01 BOARD

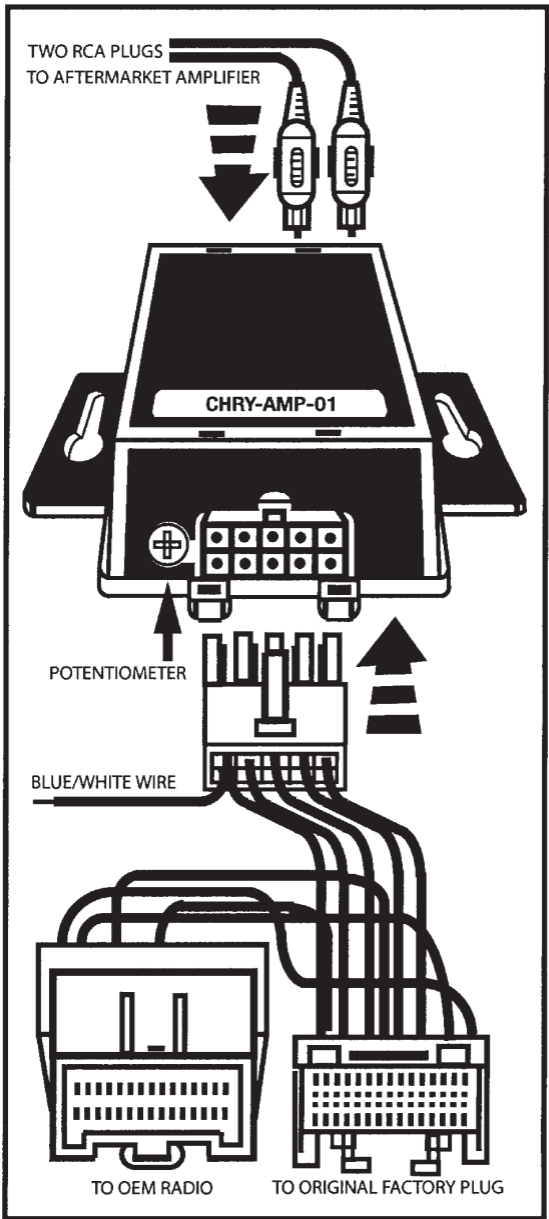
3 PIN  
HEADERS  
WITH  
SHUNTS



SHUNTS IN "SINGLE ENDED DRIVE" POSITION  
(TYPICALLY USED)



SHUNTS IN "DIFFERENTIAL DRIVE" POSITION  
(PROVIDES MORE GAIN)



# CHRY-AMP-01

Rev. 02/04/08

INSTCHRY-AMP-01



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