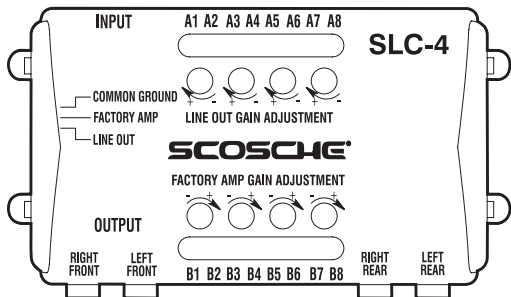


**SCOSCHE**<sup>®</sup>

**SLC-4**

## **SPEAKER LEVEL CONVERTER AMPLIFIER INTERFACE**



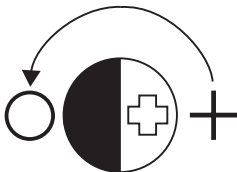
**WARNING:**

**PRIOR TO INSTALLATION CHECK THAT ALL GAIN LEVEL ADJUSTMENTS ARE SET TO *ZERO* POSITION. TURN ADJUSTMENT COUNTERCLOCKWISE UNTIL IT STOPS.**

# LEVEL ADJUSTMENT

## WARNING:

IT IS IMPORTANT TO SET ALL GAIN LEVELS AT MINUS (-) IN ORDER TO PROTECT YOUR SYSTEM. ONLY ADJUST THE PODS APPLICABLE TO YOUR INSTALLATION.



**FOR EXAMPLE:** For adding an aftermarket stereo to factory system you will only adjust “factory amp gain” controls.

**CAUTION:** GAIN CONTROL ADJUSTMENTS ARE FRAGILE, DO NOT FORCE. *A SLIGHT ADJUSTMENT WILL CHANGE VOLUME DRAMATICALLY.* TO PREVENT DAMAGE DO NOT PRESS DOWN WHILE ROTATING LEVEL CONTROLS.

## TO ADJUST:

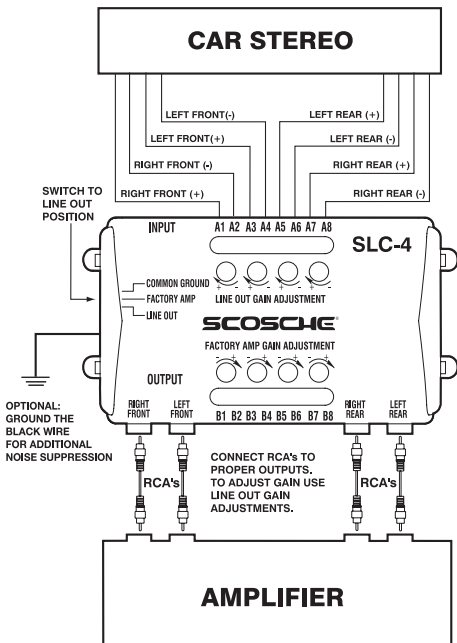
1. Turn STEREO on and adjust the volume to about 3/4 of the stereo's maximum volume.
2. Carefully turn the four (4) gain controls up (by turning them clockwise from minus position) on the **SLC-4** until the sound is just above your normal listening volume or near distortion. Distortion is when the sound/music breaks up, becomes garbled, or unclear.
3. All four (4) gain adjustments should be set at the same level. (Gain needs to be turned in the same direction.)
4. If there is excessive HUM or HISS between songs, the gain levels are set TOO HIGH and should be turned down (back toward minus).

**NOTE: LEVEL ADJUSTMENTS APPLY TO ALL ILLUSTRATIONS!**

# ILLUSTRATION A

## HIGH TO LOW LEVEL CONVERTER - AS A LINE LEVEL CONVERTER

CONNECT SPEAKER WIRES FROM HEAD UNIT TO **SLC-4** AS SHOWN IN DIAGRAM BELOW. BE SURE EACH WIRE IS SECURE. DO NOT OVERTIGHTEN.

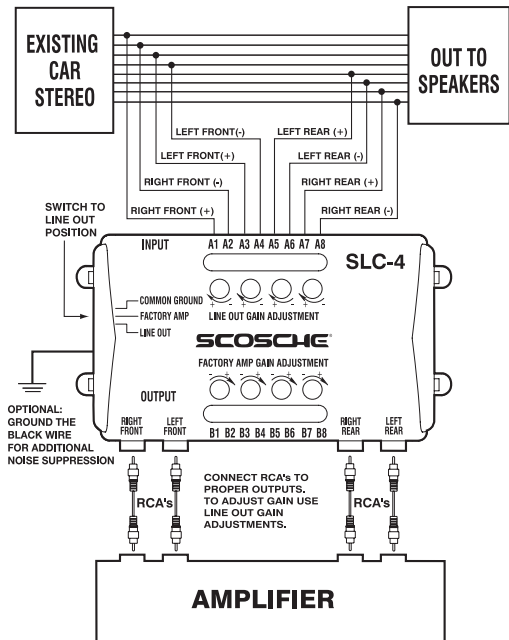


# ILLUSTRATION B

## HIGH TO LOW CONVERTER

### - SIGNAL TAP METHOD FOR ADDING SUBWOOFERS

If you wish to add an amplifier to an existing system to power subwoofers and not the entire system, tap on to speaker wires from existing unit. DO NOT CUT EXISTING WIRES. BE SURE EACH WIRE IS SECURE. DO NOT OVERTIGHTEN.



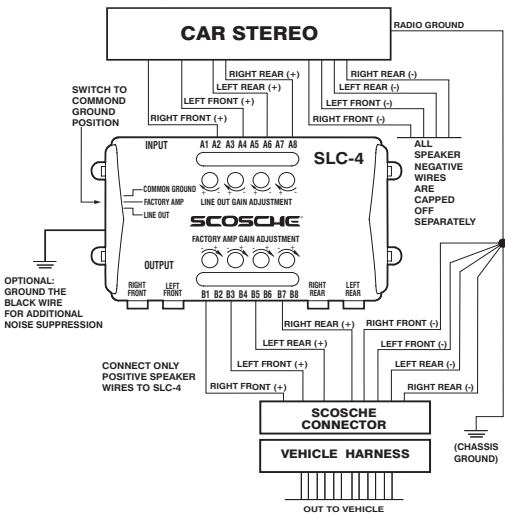
# ILLUSTRATION C

## COMMON GROUND ADAPTER - AS A COMMON GROUND ADAPTER

CONNECT ONLY POSITIVE SPEAKER WIRES FROM HEAD UNIT TO **SLC-4** AS SHOWN IN DIAGRAM BELOW. DO NOT CONNECT NEGATIVE SPEAKER WIRES FROM HEAD. BE SURE EACH WIRE IS SECURE. DO NOT OVERTIGHTEN.

A "common ground system" uses a single ground point for all of the speakers in the vehicle. This type of grounding system will not work with most car stereos due to the higher power output. These type of systems are found on older vehicles manufactured from 1968 to around 1995 (usually Ford).

To determine if you have a common ground system you will need to check the speaker wires at the factory stereo. If you have a four (4) speaker system and there are less than eight (8) speaker wires you have a "common grounding system". Please refer to illustration BELOW.

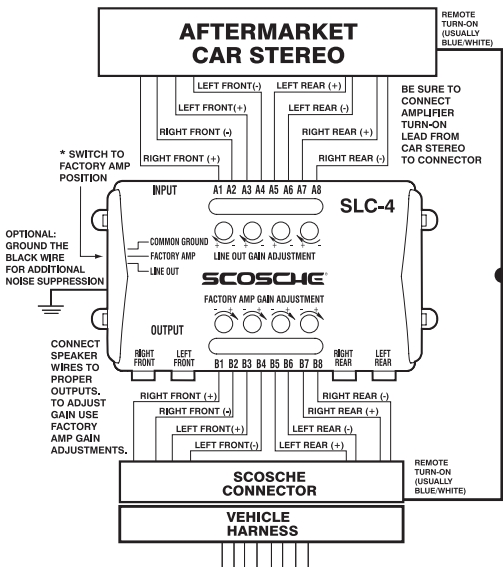


# ILLUSTRATION D

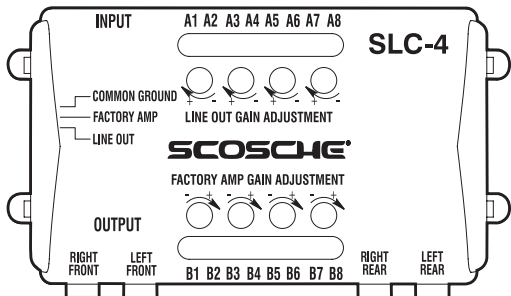
## FACTORY AMPLIFIER INTERFACE PREMIUM/JBL/BOSE SYSTEMS TO INTERFACE WITH FACTORY AMPLIFIER

CONNECT SPEAKER WIRES FROM HEAD UNIT TO **SLC-4** AS SHOWN IN DIAGRAM BELOW. BE SURE EACH WIRE IS SECURE. DO NOT OVERTIGHTEN.

\*These instructions are for most systems. Please see Troubleshooting section for additional help.



\* WITH SOME FORD PREMIUM SOUND OR DELCO BOSE COMMON GROUND SYSTEMS, IT MAY BE NECESSARY TO USE THE "COMMOND GROUND" OR "LINE OUT" SWITCH POSITION



## TROUBLESHOOTING

### NO SOUND:

- Recheck wiring. Check power and ground connections on radio and amp.
- Be sure amp turn on/ remote wire is connected. It should be connected to the factory amp remote wire.
- Check the switch position. Depending on the factory system it may be necessary to try a different mode. (Usually "Common Ground").
- With some Ford premium sound or Delco Bose common ground systems it may be necessary to use the "Common Ground" or "Line Out" switch position.
- Check the gain adjustments; make sure they are **not** turned all the way down.

### NOISE:

- Ground the **SLC-4's** reference ground wire to vehicle chassis ground.