

# SCOSCHE®

# FGA

## INSTRUCTIONS

### Car Stereo Floating Ground Adapter

Allows High-Power Aftermarket Stereo installation to many FORD/LINCOLN/MERCURY Common Ground or Premium Sound 5-wire speaker systems

Thank you for purchasing the FGA from Scosche Industries Inc., the foremost leader in car audio accessories. You can be confident that your FGA was constructed with the highest quality standards. The FGA is a non-electronic device that allows a High-Power Aftermarket stereo to be connected to Common Ground or Ford Premium Sound 5-wire speaker systems.

#### APPLICATION NOTES

1. Check the speaker connector in your vehicle. If the speaker connector in the dash of the vehicle has 5 wires in it, then it is a likely application for this adapter.
2. We recommend the use of the proper Car Stereo Connector for your installation:  
For most 82-85 Ford/Lincoln/Mercury vehicles, use a Scosche FD01 Car Stereo Connector kit.  
For most 86-93 Ford/Lincoln/Mercury vehicles, use a Scosche FD02 Car Stereo Connector kit.
3. If your vehicle is 1988 or later, and has a small square speaker plug (4 pins side-by-side), then this is not the correct adapter for your vehicle. Call the Toll-Free Tech support line for more information.

#### HELPFUL WIRING TIPS

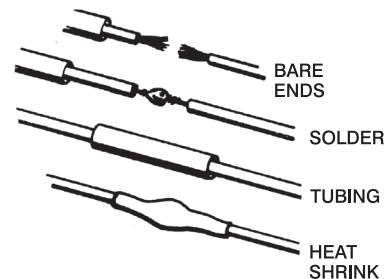
**Warning:** Never work with more than one connection at a time, as doing so may cause an electrical short circuit if two incompatible wires are allowed to touch.

**Note:** Soldering all wiring connections is recommended over simply twisting and taping connections. However, if a soldering iron is not available, butt connectors or wire nuts are recommended.

#### Soldering Wires:

Strip back wire ends approximately  $\frac{1}{2}$ " each. If using shrink tubing to protect your connection, slip a 1" section to be used later over one of the wires. Twist wire ends together. Begin by heating the bare wires with a soldering iron. Then apply the solder until it is absorbed into the strands of the wire. Allow wires to cool and solder to harden. Once cool, cover the connection with heat shrink tubing if used previously, or a UL approved electrical tape. Then move on to the next connection.

#### Butt Connectors:



Strip back wire ends approx.  $\frac{1}{4}$  to  $\frac{3}{8}$ " each. Crimp one end of the butt connector to one of the wires you wish to splice. Crimp the other end of the butt connector to the wire you wish to splice it to. Test crimp by gently tugging on both wires.



#### Wire Nuts:

Twist together both ends of the wires you wish to connect. Slip the wire nut over the wire ends and twist until it is firmly seated over the wire ends. Test the connection by gently tugging the wires.



## LIMITED WARRANTY

Scosche Industries, Inc. warrants this product to be free from defects in material and workmanship, for a period of ninety days, from date of purchase. All Scosche products are sold with the understanding that the purchaser has independently determined the suitability of such products. This warranty does not cover any expenses incurred in the removal and reinstallation of the product. This warranty is offered to the original purchaser of the product only.

This warranty does not apply to the product which has been damaged by accident, or which has been misused, altered, or installed improperly.

If the product should prove defective within the warranty period return the product with sales slip, postage prepaid to Scosche Industries, Inc.

Your dated sales slip/proof of purchase will establish your warranty eligibility. Scosche, at its option will replace or repair the product free of charge and return the product to you postage prepaid.

In no event shall Scosche be responsible for claims beyond the replacement value of the defective product, or in any way liable or responsible for consequential or incidental damages.

No express warranties and no implied warranties, whether for fitness or any particular use, or otherwise, except as set forth above (which is made expressly in lieu of all other warranties) shall apply to products sold by Scosche. No waiver, alteration, addition or modification of the foregoing conditions shall be valid, unless made in writing and signed by an executive officer of Scosche Industries, Inc.

No salesperson, representative or agent of Scosche is authorized to give any guarantee, warranty or make any representation contrary to the above.

SCOSCHE INDUSTRIES, INC.  
P. O. Box 2901  
Oxnard, California 93034

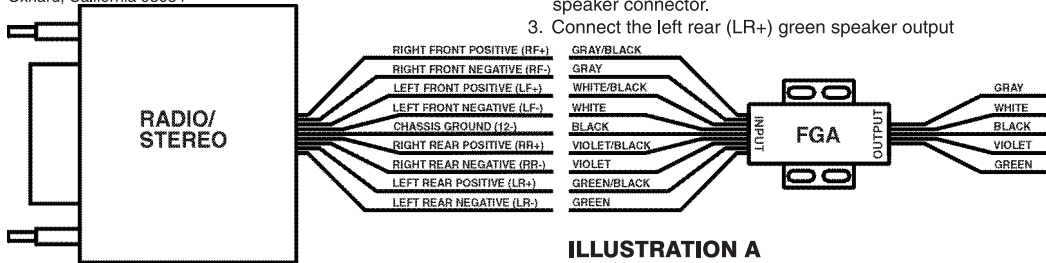


ILLUSTRATION A

## Directions:

### Connect the FGA to your stereo:

1. Connect the left front positive (LF+) speaker wire of your stereo to the white/black wire of the **FGA**.
2. Connect the left front negative (LF-) speaker wire of your stereo to the white wire of the **FGA**.
3. Connect the left rear positive (LR+) speaker wire of your stereo to the green/black wire of the **FGA**.
4. Connect the left rear negative (LR-) speaker wire of your stereo to the green wire of the **FGA**.
5. Connect the right front positive (RF+) speaker wire of your stereo to the gray/black wire of the **FGA**.
6. Connect the right front negative (RF-) speaker wire of your stereo to the gray wire of the **FGA**.
7. Connect the right rear positive (RR+) speaker wire of your stereo to the violet/black wire of the **FGA**.
8. Connect the right rear negative (RR-) speaker wire of your stereo to the violet wire of the **FGA**. (See Illustration A)
9. Connect the black wire to the chassis of your radio

### Connect the FGA to your vehicle:

1. Connect the left front (LF+) white speaker output wire of the **FGA** to the white wire in the Scosche speaker connector.
2. Connect the right front (RF+) gray speaker output wire of the **FGA** to the gray wire in the Scosche speaker connector.
3. Connect the left rear (LR+) green speaker output

- wire of the **FGA** to the green wire in the Scosche speaker connector.
4. Connect the right rear (RR+) violet speaker output wire of the **FGA** to the violet wire in the Scosche speaker connector.
  5. Connect the black common ground output wire of the **FGA** to the white/black wire in the Scosche speaker connector.

(See Illustration B for 86-93 Ford/Lincoln/Mercury vehicles)

**Check all connections and test the sound system.**

## FD02 - 1986-93 FORD VEHICLES Black Connector - Speaker:

- |                              |                                |
|------------------------------|--------------------------------|
| 1= Left Front Positive (LF+) | 5 = Right Front Positive (RF+) |
| 2= Common                    | 6 = Empty                      |
| 3= Left Rear Positive (LR+)  | 7 = Right Rear Positive (RR+)  |
| 4= Empty                     | 8 = Empty                      |



ILLUSTRATION B

**FD02 SPEAKER CONNECTOR  
(Recommended,  
Sold Separately)**