

# INSTALLATION INSTRUCTIONS FOR AUDIOVOX MODEL SW-50 DELUXE CONVERTIBLE CAR STEREO SPEAKERS

**AUDIOVOX**<sup>®</sup>  
*We Make Cars More Livable*<sup>™</sup>

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These speakers have been designed for use with all car stereo systems and incorporate the following deluxe features:

1. Modern, glare-proof cabinets blend well with any car decor.
2. Unique 5 inch round free edge speaker fully emphasizes stereo effect, reproducing both high and low tones in rich volume and with minimal distortion.
3. May be mounted either in door panels or on rear deck.
4. May also be used with car radios as well as stereo tape systems.

## Installation Instructions

### A. Door Panel Mounting

1. For door panel mounting, only the top portion of the speaker enclosure (cabinet A in diagram ) is used.
2. Locate a convenient place on the door panel for the speaker to be mounted.  
Note : Care should be taken to make sure speaker installation will not obstruct the raising or lowering of the window or effect the door locking mechanism.
3. A hole 2 inches by 2 1/2 inches should be made in the door panel, and in the sheet metal behind the door, if necessary, to provide clearance for the speaker magnet.
4. The wire lead from the speaker should be fed through the door and routed towards the location of the stereo or radio.
5. The speaker may now be mounted on the door panel using the four black self-tapping screws which previously held the two portions of the speaker enclosure together.

### B. Rear Deck Mounting

1. For rear deck mounting, the speakers may either be installed flush against the deck or within the wedge shaped enclosures to direct the sound forward. For flush mounting, proceed according to A above (Door Panel Mounting). For wedge installation proceed as follows.
2. Separate the two speaker enclosures as far as possible on rear deck to preserve stereo effect.
3. Separate the enclosure portions (Cabinet A and Cabinet B) by removing the four black screws.
4. Using cabinet B as a template, mark the locations of the three mounting holes and the large square hole on the rear deck, as shown in the diagram.
5. Cut out the large hole and the three small holes and mount Cabinet B on the rear deck using the screws and nuts provided.
6. The wire lead should be fed through the large hole and routed towards the location of the stereo or radio.
7. Remount Cabinet A on Cabinet B using the four black self tapping screws previous-

ly removed.

### C. Wiring

1. When routing speaker wires, make sure they are not pinched or cut by any bare metal edges.
2. Splice the leads from the speakers to the output leads of the tape deck or radio, making sure to observe and maintain the polarities of the left and right channels. Cover all exposed wires with electrical insulating tape.
3. When attaching two speakers to one output channel, correct impedance matching must be maintained between the speakers and the stereo or radio.

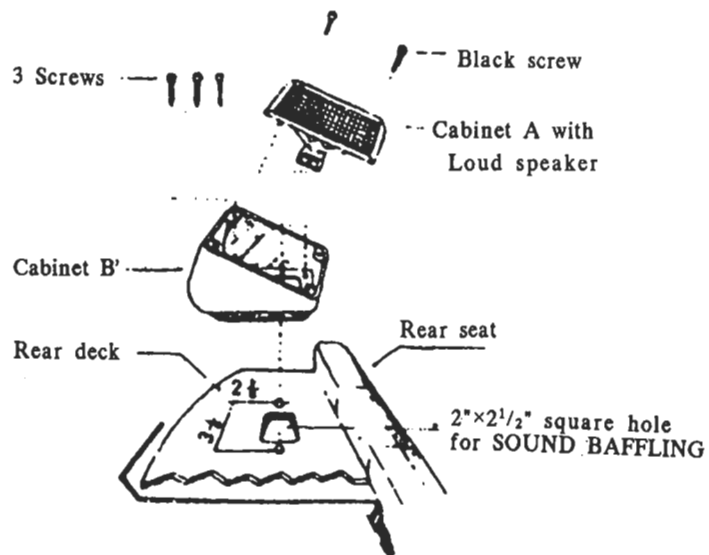
Two 8 OHM speakers wired in parallel : 4 OHMS

Two 4 OHM speakers wired in series : 8 OHMS

### Speaker Rating

Loudspeaker : 5 inch round, 7 oz. magnet  
Impedance : 4 OHMS  
Mounting Applications Side door panels, rear deck, etc.

REAR DECK  
SPEAKER INSTALLATION DIAGRAM



# SIGNAL GENERATOR

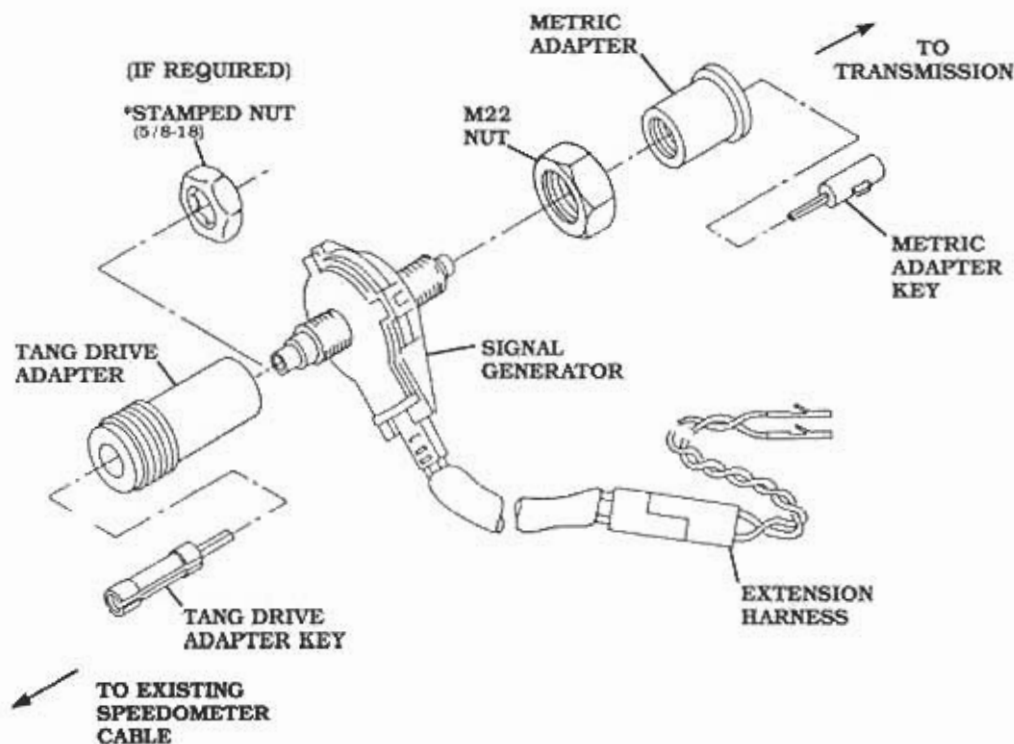
## KIT# 250-4171

### INSTALLATION INSTRUCTIONS

1. Remove Plastic Shipping Caps from Generator Components. Assemble Generator Components as illustrated below, **EXCEPT** the \*STAMPED NUT (5/8-18). See **Note 1**
2. You will need to work where the Vehicle Speedometer Cable is attached to the Transmission. If necessary, raise the vehicle. Chock Wheels.

**WARNING**  
 Do not get under any vehicle held up by a jack only. Use Jack Stands or Ramps. The web of a concrete block will not hold the car. **DO NOT RISK YOUR LIFE!**

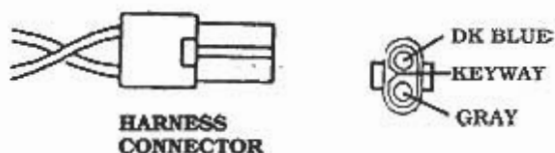
3.
  - A. Disconnect Vehicle Speedometer Cable from Transmission.
  - B. Connect Speedometer Cable to **TANG DRIVE ADAPTER**. Seat Speedometer Cable into **TANG DRIVE ADAPTER** Slot, tighten Speedometer Cable. See **Note 1**
  - C. Install Generator Assembly into transmission housing. Turn **SIGNAL GENERATOR** so wires will not catch on objects while driving. Tighten Nut.



**NOTE 1**  
 After Cable is assembled, insert ADAPTER KEY into other end and rotate Drive Cable. If Cable will not rotate, remove TANG DRIVE ADAPTER and install \*STAMPED NUT (5/8-18) in position shown. Reinstall TANG DRIVE ADAPTER. This will allow clearance between Speedometer Drive Cable Inner Core Wire and SIGNAL GENERATOR Assembly.

4. Plug **EXTENSION HARNESS** into **SIGNAL GENERATOR** Lead. Select proper plastic connector for system being installed and insert terminals of **EXTENSION HARNESS** Lead into plastic **CONNECTOR** as shown.

For Cruise Control Systems using Signal Generator Harness to Main Wiring Harness connection, use **HARNESS CONNECTOR** and insert wires as shown.



For Cruise Control Systems using Signal Generator Harness to Module connection, use **MODULE CONNECTOR** and insert wires as shown.



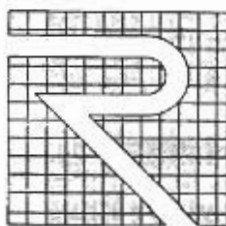
5. Route wires using Wire Ties to support wires, as necessary, keeping them away from any Hot, Sharp or Moving parts of vehicle.

**IMPORTANT**

This **SIGNAL GENERATOR** produces an **8000 Pulses/Mile (5000 Pulses/Kilometer) Sine Wave Signal**. See **Page 7** of your Cruise Control Installation Guide to correctly set your Programming Switches. If you do not correctly set your Cruise Control Programming Switches for an **8000 PPM (5000 PPK) Sine Wave Signal**, your Cruise Control will not function properly.

**SERVICE PARTS**

250-2264 Kit Includes **HARNESS CONNECTOR, MODULE CONNECTOR and EXTENSION HARNESS**  
250-2265 Kit Includes **TANG DRIVE ADAPTER, ADAPTER KEY and 5/8-18 STAMPED NUT**  
250-2266 Kit Includes **METRIC ADAPTER, METRIC ADAPTER KEY and M22 NUT**  
250-3239 Kit Includes **SIGNAL GENERATOR**



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