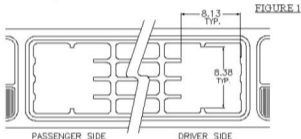




Cast Products, Inc.
Installation Procedure
SA1105
Grill Mount Siren Speaker Unit
1990-91 Ford E350 Van

IMPORTANT: There are several restrictions and obstacles within the area where the speaker units are to be installed. Those standard to the vehicle were considered in the speaker and bracket design. Those considered to be optional, such as shrouds and tubing, etc., could not be considered and may have to be re-oriented, re-located, or re-routed. This is left up to the discretion of the installer.

- 1) Cut out each side of the grill as shown in FIGURE 1.



- 2) Remove the support bracket from the speaker unit by removing the two 5/16" nuts and washers. The purpose for the support bracket is to provide a frontal spacing of 3/4" to minimize interference and to provide for vertical adjustment and ease of installation.

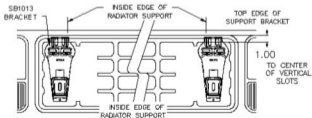


FIGURE 2

- 3) Position the support bracket in the grill against the radiator support as shown in FIGURE 2. Mark three tie down locations. Center marks within slots to allow for vertical adjustment.
- 4) Drill three holes for the self-threading 3/8" bolts (with flat washers) provided.
- 5) Install the support bracket as shown by index marks in FIGURE 2. Be sure that the two 5/16" carriage bolts are protruding from the face slots.
- 6) Remove the warning light from the speaker unit. Also, remove the trim bezel (or back off the two #10-24 adjusting screws).

IMPORTANT: On the driver side of the vehicle, the air conditioner dryer protrudes approximately one inch beyond the radiator support surface and comes in contact with the uni-bracket during installation. Insulation material is clad to the back of one of the assemblies to prevent this contact. Make certain it is in place when installed. Also, where cooling system or other tubing comes in contact with the speaker assembly, sheath the tubing with a thick, durable insulating material to protect from wear.

- 7) Tilt the speaker unit forward and drop the bottom edge of the uni-bracket into the slide at the bottom of the support bracket. Then push the speaker unit in at the top so that the uni-bracket engages the two 5/16" bolts. Install the flat-washers, lock washers and nuts provided. Do NOT tighten. (See FIGURE 3 for installation. Note that the same two slots in the uni-bracket are used for both driver and passenger sides.)

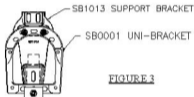


FIGURE 3

- 8) Adjust the speaker unit so that the grill trim is parallel and evenly positioned with respect to the grill.

NOTE: If the vertical positioning cannot be attained, remove the speaker unit and re-adjust the support bracket.

- 9) Secure the uni-bracket.
- 10) Adjust the grill trim to attain contact with the grill. Do NOT over-tighten as to deform the grill.
- 11) Re-install the warning lights and continue with the electrical connections as per manufacturer instructions.

