



RN508

Fig. 14—Power Antenna Mounting

- (2) Replace and tighten capnut to 125 in. lbs. (14 N·m) plus or minus 25 in. lbs. (3 N·m) with tool C-4227.
- (3) Position antenna on antenna brace and install attaching screw. Tighten to 40 inch pounds plus or minus 10 inch pounds.
- (4) Connect antenna lead at twist connector.
- (5) Connect motor leads at connector.
- (6) Position right front fender splash shield and install attaching screws.
- (7) Connect battery cable at battery and test operation of antenna.

**Power Antenna Mast**

**Removal**

- (1) Remove cap nut using Tool C-4227.
- (2) Install temporary nut provided with the replacement mast.
- (3) Turn ignition key to ACCESSORY position and turn on radio.
- (4) While the mast is moving up pull upward to remove mast and drive rod from the mast tube.

**Installation**

- (1) Insert new drive rod into mast tube with drive teeth toward rear of car.
- (2) Turn off radio and guide mast into the tube. The mast may not be fully lowered when first installed.
- (3) Replace the temporary nut with the original cap nut and torque to 125 in. lbs. using Tool C-4227.
- (4) Turn radio on and off to extend and retract

antenna. Mast should be fully lowered after recycling.

**PREMIUM SOUND SYSTEM COMPONENTS**

(1) **WARNING! THE POWER AMPLIFIER OUTPUT SPEAKER LEAD CANNOT BE GROUNDED OR CONNECTED TO ONE TERMINAL GROUNDED SPEAKERS. THESE CONDITIONS MAY RESULT IN PERMANENT DAMAGE TO THE AMPLIFIER.**

(2) The coaxial rear speakers contain two terminals and are identified with the word "PREMIUM" on the magnet back plate. The test speaker for troubleshooting applications must meet the same requirements.

(3) The test speaker can readily be substituted for the vehicle rear speaker by switching the connections of the speaker cable connections. This troubleshooting operation (application of test speaker) must prove that the system performance is restored before one proceeds with the removal and reinstallation of the vehicle speaker.

(4) Refer the repair of the Power Amplifier to an Authorized Service Station when a substituted known good booster amplifier restores the system performance.

**Power Amplifier Switch**

The power amplifier switch is located in the lower instrument panel steering column opening cover.

**Power Amplifier**

The power amplifier is mounted to the instrument panel in the center radio speaker opening.

**Radio Choke**

The radio choke is located under the radio.

**Combination Power Antenna and Amplifier Relay**

The relay is taped to the stereo system harness (Fig. 12).

**RADIO REPLACEMENT**

**CAUTION: Do not operate the radio with speaker leads detached since damage to the transistors may result.**

**Removal**

- (1) Remove cluster bezel.
- (2) Remove radio mounting screws.
- (3) Pull radio from panel and disconnect wiring, ground strap and antenna lead from radio.
- (4) Remove radio.