

(5) From under fender remove antenna lead and body assembly (Fig. 8).

#### Installation

- (1) Install antenna body and cable from underneath fender (Fig. 8).
- (2) Install gasket, adapter and capnut. Tighten capnut to 125 inch-pounds (14 N·m), plus or minus 25 inch-pounds (3 N·m) with Tool C-4227 (Fig. 7).
- (3) Install antenna mast into antenna body until sleeve bottoms on antenna body (Fig. 6).
- (4) Route cable to radio.

#### Bench Test for Antenna Malfunction (Fig. 9)

It is also possible to check short or open circuits with an ohmmeter or continuity light once the antenna has been removed from the vehicle. (1) Continuity should be observed between the tip of the mast and radio end pin.

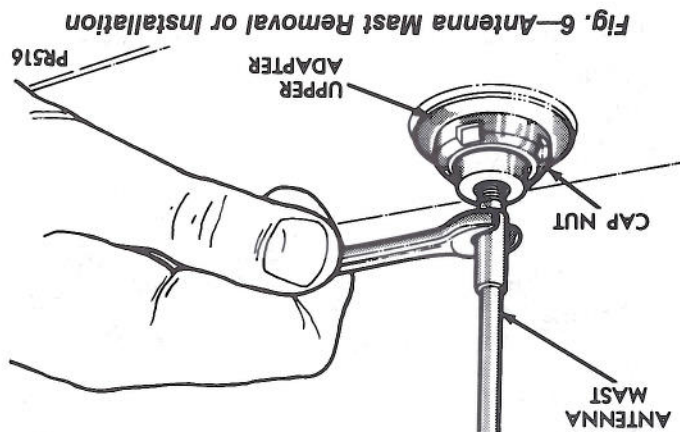
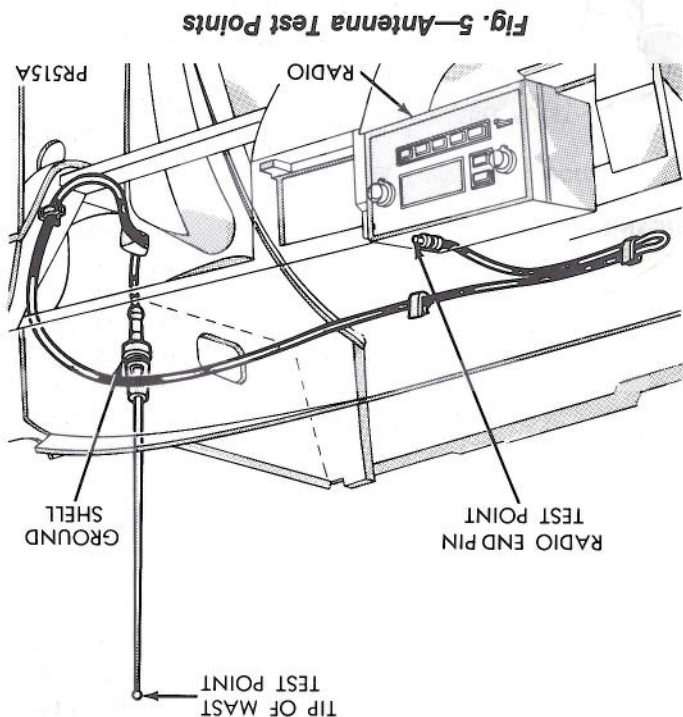


Fig. 6—Antenna Mast Removal or Installation

#### Operation

The power operated radio antenna (Fig. 11) is a telescoping type antenna, extended and retracted by a reversible electric motor.

#### Power Antenna

- (2) No continuity should be observed or a very high resistance of several megohms between the ground shell of the connector and radio end pin.
- (3) Continuity should be observed between the ground shell of the connector and the mounting hardware.

Wiggle cable over its entire length to reveal intermittent short or open circuits during step 1, 2 and 3.

Fig. 7—Removing or Tightening Antenna Cap Nut

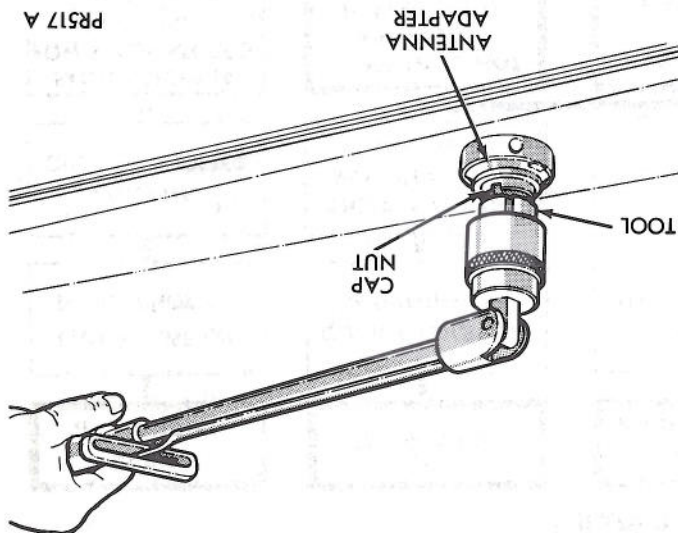
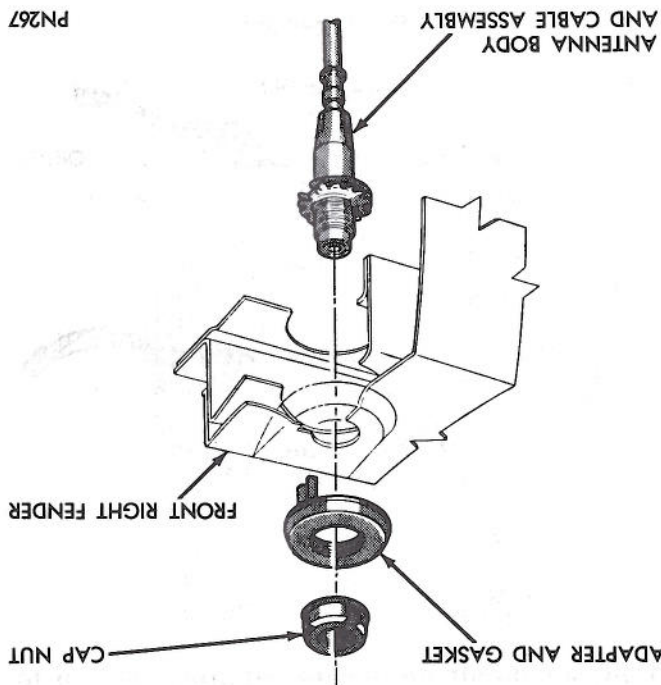


Fig. 8—Antenna Mounting



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