

## Power Antenna Rod Replacement

Classification: EL94-002a

Section: Electrical

Models: All Models

Reference:

TECHNICAL BULLETIN ITB94-014a

Date:

December 22, 1994

### POWER ANTENNA ROD REPLACEMENT

This Bulletin contains revised Warranty information. Please discard the original.

APPLIED MODEL:

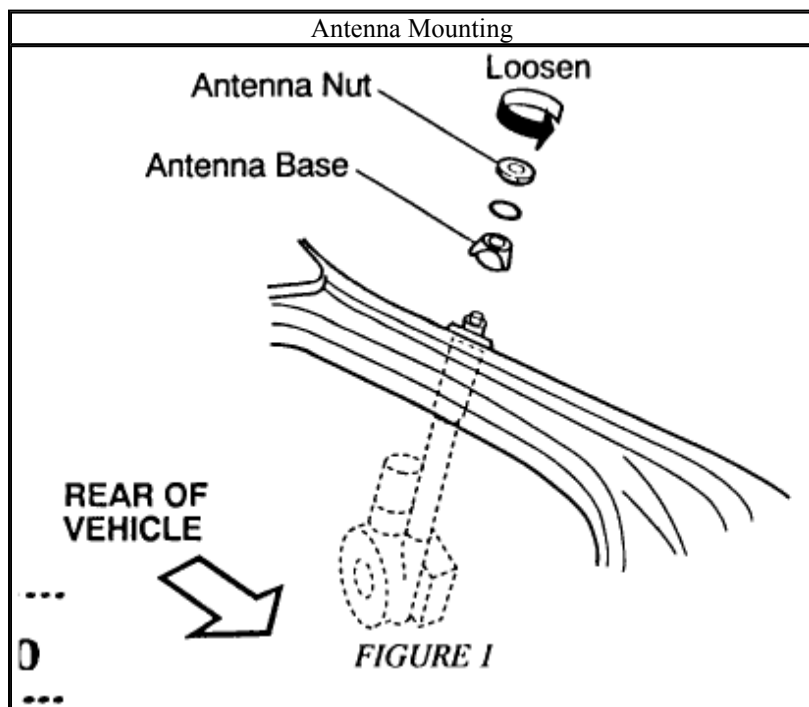
All

### SERVICE INFORMATION

Improper retraction of the power antenna will usually be caused by a bent antenna rod. After ensuring that the antenna motor is receiving proper power and in operational, replacement of the antenna rod is the only repair sequence needed to restore power antenna operation.

### SERVICE PROCEDURE

Replacing The Antenna Rod



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1. Remove antenna nut and base. (Figure 1)
2. Turn the radio to "ON" and the antenna rod will extend\*. Assist the antenna rod to fully separate from the antenna base. Note the direction of the gear section on the antenna rope. (The new antenna rod must be installed in the same direction).

\* If the antenna rod does not extend, always check the power supply to the power antenna before replacing the power antenna assembly.

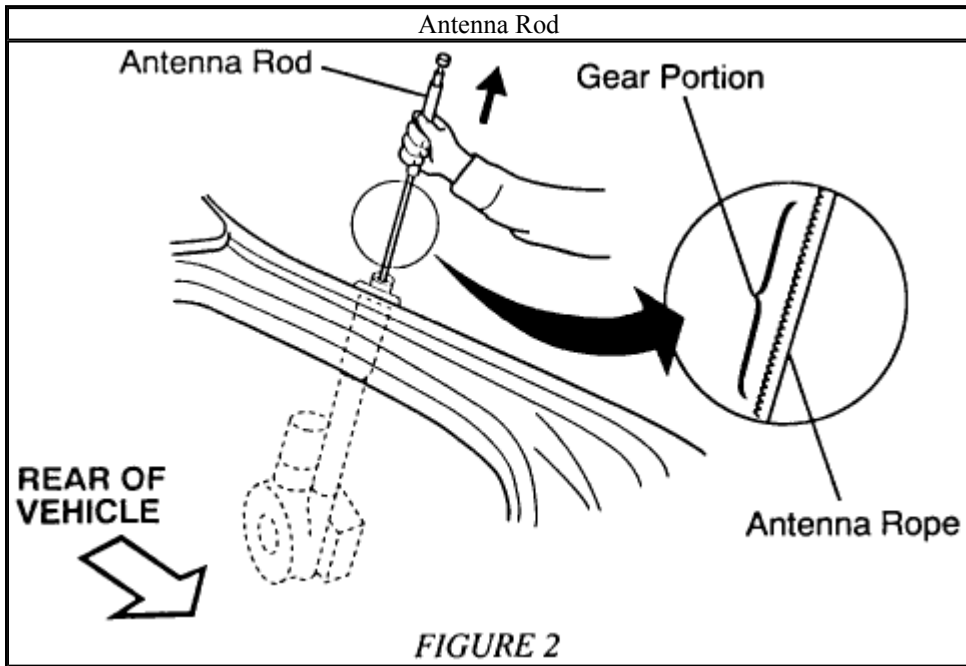


FIGURE 2  
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3. Insert the replacement antenna rod with the radio in the "ON" position. Insert antenna rope with gear section facing the motor assembly [Figure 2].
4. Turn the radio "OFF" to retract the antenna rod. If the antenna motor stops before the antenna has fully retracted, turn the radio switch "ON" and immediately turn it "OFF" again. Guide the antenna rope and rod into the antenna assembly.
5. Reinstall the antenna nut and base. Check antenna operation by cycling the radio "ON" and "OFF".

**PRECAUTIONS** Please remind the customer to:

1. Always turn the radio "OFF" to prevent bending the antenna rod, whenever going through car washes or entering parking garages with low ceilings or low hanging garage doors.
2. The antenna rod should be cleaned regularly by wiping off any dirt build up which may cause the antenna to bind. Customers should verify that their car wash attendants do this regularly.

OPERATION	OP CODE	PNC	SYMPTOM	DIAGNOSIS	FRT
Rpl. antenna rod ass'y.	RN9999	28215	4P or 4q	91	0.2 hrs

#### CLAIMS INFORMATION

**NOTE:** It is unusual to require replacement on an antenna rod due to a factory defect. The following Claims Information applies to antenna rod replacement for Factory defects (ie; other than bent rods), only.

<b>DESCRIPTION</b>	<b>PART #</b>	<b>QUANTITY</b>
Rod, Antenna Q45	28215-67U00	1
Rod, Antenna J30	28215-0E000	1
Rod, Antenna G20	28215-50J00	1