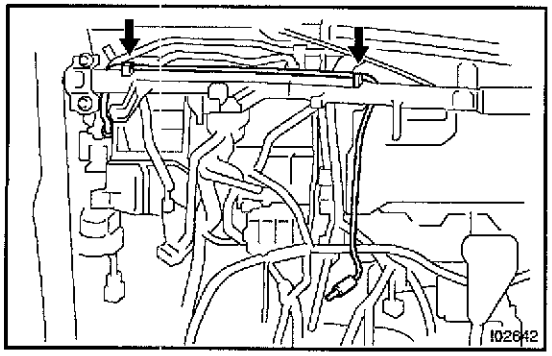


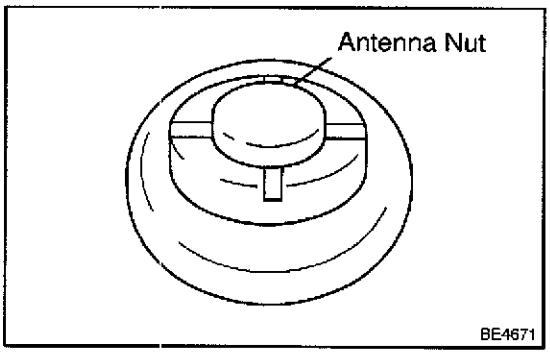

# ANTENNA

## REMOVAL

BE0SG-01

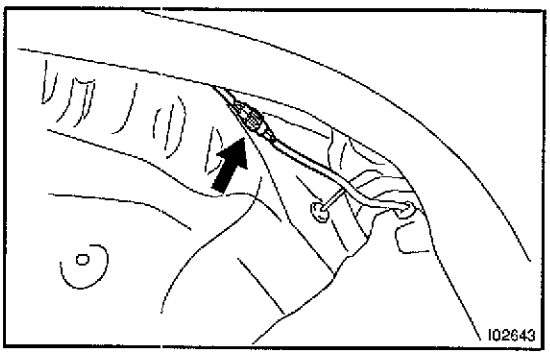
1. **REMOVE INSTRUMENT PANEL**
   **(See page BO–70)**
2. **DISCONNECT ANTENNA CABLE**

Disconnect the antenna cable from the cable reinforcement clamper.




3. **REMOVE ANTENNA NUT AND ORNAMENT**
4. **REMOVE FENDER LINER**

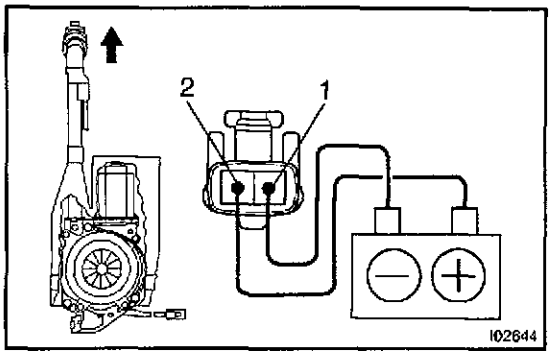
Remove the clips and fender liner.




5. **REMOVE ANTENNA ASSEMBLY**

(a) Auto Antenna models :
Disconnect the connector.

(b) Remove the bolt and antenna assembly, and pull out the antenna cable with the grommet.




# INSPECTION

BE03T-01

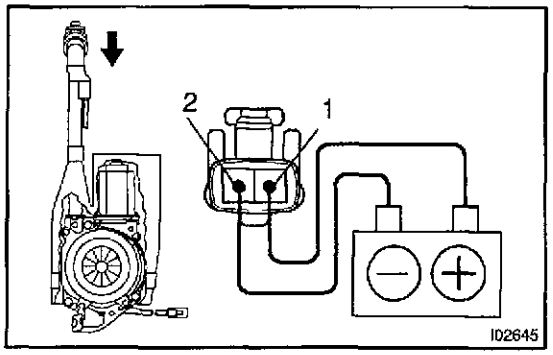
## 1. INSPECT AUTO ANTENNA MOTOR

(a) Connect the positive (+) lead from the battery to terminal 1 and the negative (–) lead to terminal 2.

(b) Check that the motor turns (Antenna moves upward).

**NOTICE:**

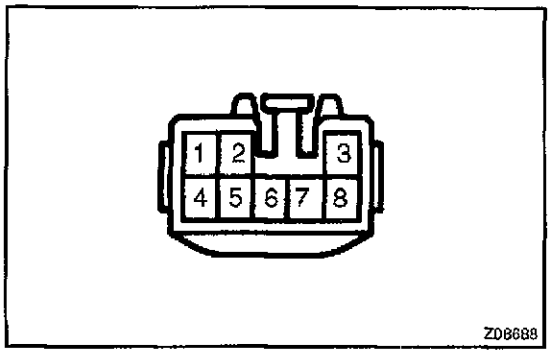
**These tests must be done quickly (within 3 – 5 seconds) to prevent the coil from burning out.**




(c) Then, reverse the polarity, check that the motor turns the opposite way (Antenna moves downward).

**NOTICE:**

**These tests must be done quickly (within 3 – 5 seconds) to prevent the coil from burning out.**




## 2. INSPECT ANTENNA MOTOR CONTROL RELAY CIRCUIT

Disconnect the connector from the relay and inspect the connector on wire harness side, as shown in the table below.

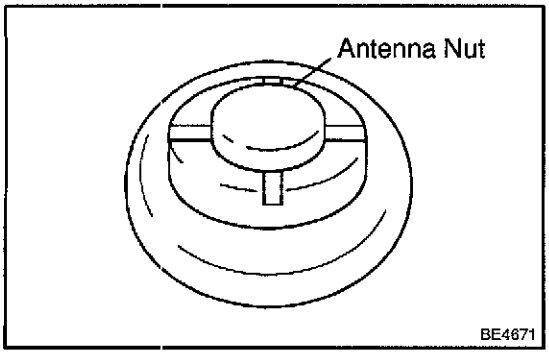
| Tester connection | Condition | Specified condition |
|---|---|---|
| 2 – 3 | Constant | Continuity |
| 6 – Ground | Constant | Continuity |
| 1 – Ground | Constant | Battery positive voltage |
| 4 – Ground | Ignition switch position LOCK or ACC | No voltage |
| 4 – Ground | Ignition switch position ON | Battery positive voltage |
| 5 – Ground | Ignition switch position LOCK | No voltage |
| 5 – Ground | Ignition switch position ACC or ON | Battery positive voltage |
| 7 – Ground | Radio switch and cassette OFF | No voltage |
| 7 – Ground | Radio switch or cassette ON | Battery positive voltage |
| 8 – Ground | Ignition switch position LOCK | No voltage |
| 8 – Ground | Radio switch OFF or cassette ON | No voltage |
| 8 – Ground | Radio switch ON and cassette OFF | Battery positive voltage |

If circuit is as specified, replace the relay.

BE09U–01

# REPLACEMENT

## 1. REMOVE ANTENNA ROD

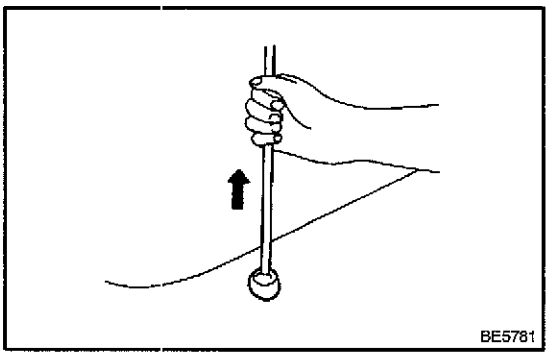



HINT:

Do this operation with the battery negative (–) cable connected to the battery terminal.

(a) Turn the ignition switch to "LOCK" position.

(b) Remove the antenna nut.




(c) Press the "AM and FM" buttons of the radio receiver, and simultaneously turn the ignition switch to "ACC" position.

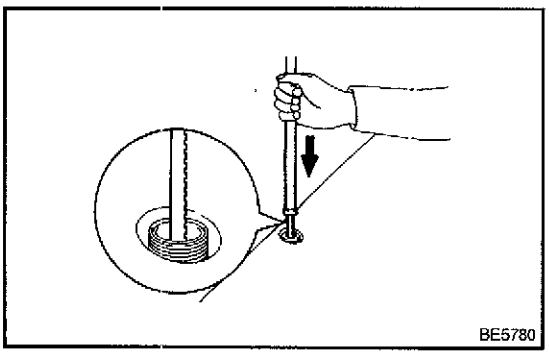
HINT:

- The rod will extend fully and be released form the motor antenna.
- After removing the antenna rod, leave the ignition switch at "ACC".

**NOTICE:**

**To prevent body damage when the antenna rod is released, hold the rod as it comes out.**

## 2. INSTALL ANTENNA ROD

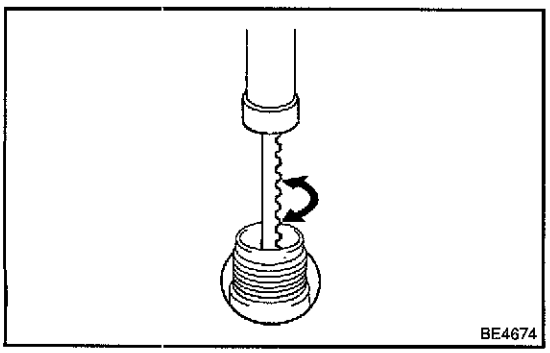



(a) Insert the cable of the rod until it reaches the bottom.

HINT:

- When inserting the cable, the teeth on the cable must face toward the rear of the vehicle.
- Insert the antenna approx. 300 mm (11.8 in. ).

(b) Wind the cable to retract the rod by turning the ignition switch to "LOCK" position.




HINT:

- If the ignition switch is already in "LOCK" position, do step 1 (c) first, then turn the ignition switch to "ACC" position.
- In case the cable is not wound, twist it, as shown in the illustration.
- Even if the rod has not retracted fully, install the antenna nut and inspect the antenna rod operation. It will finally retract fully.

(c) Inspect the antenna rod operation by pushing the radio wave band select buttons.

BE09V–01

# INSTALLATION

**Instration is in the reverse order of removal (See page BE–103).**