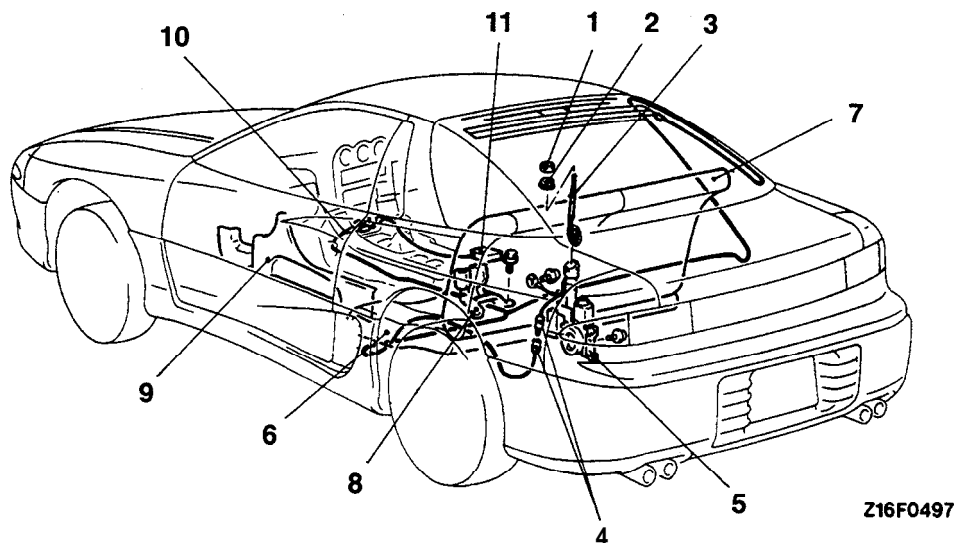


MOTOR ANTENNA / ANTENNA FEEDER CABLE / AMPLIFIER REMOVAL AND INSTALLATION

<Hatchback>



Z16F0497

Motor antenna removal steps

- Rear side trim (LH)
(Refer to GROUP 52A – Trims.)
- 1. Ring nut
- 2. Base
- 3. Antenna pole
- 4. Antenna feeder cable and motor antenna connection
- 5. Motor antenna

Amplifier removal

- 11. Amplifier (under passenger's seat)

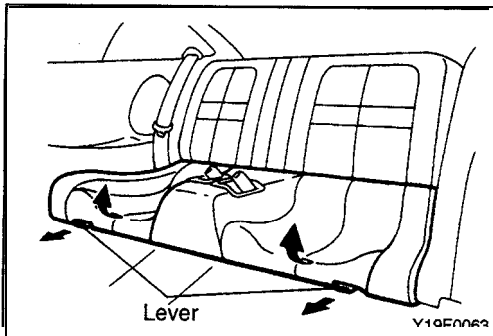
NOTE

- *: Refer to GROUP 52A – Trims
- *2: Vehicles with glass mounted antenna

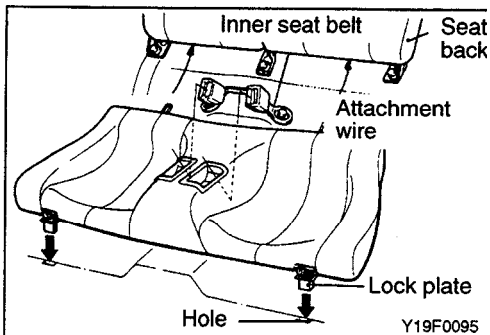
Antenna feeder cable removal steps

- Rear side trim (LH)*1
- Quarter trim (LH)*1
- Rear side trim*1, *2
- Quarter trim (LH)*1, *2
- Quarter upper trim*1, • *
- Liftgate upper trim*1, *2
- Liftgate side trim (RH)*1, • *
- Rear console assembly
(Refer to GROUP 52A – Console Box.)
- Radio and tape player
(Refer to P.54-176)
- 4. Antenna feeder cable and motor antenna connection
- 6. Rear seat cushion
- 7. Rear seatback
- 8. Inner seat belt
- 9. Console side cover (LH)
- 10. Antenna feeder cable

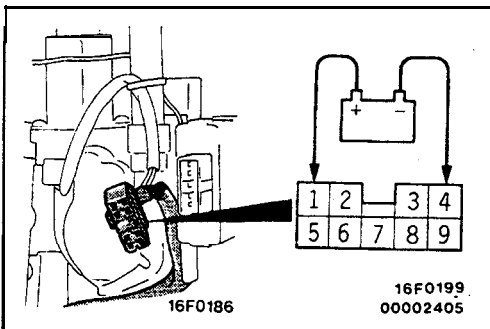


**REMOVAL SERVICE POINT****◀A▶ REAR SEAT CUSHION REMOVAL**

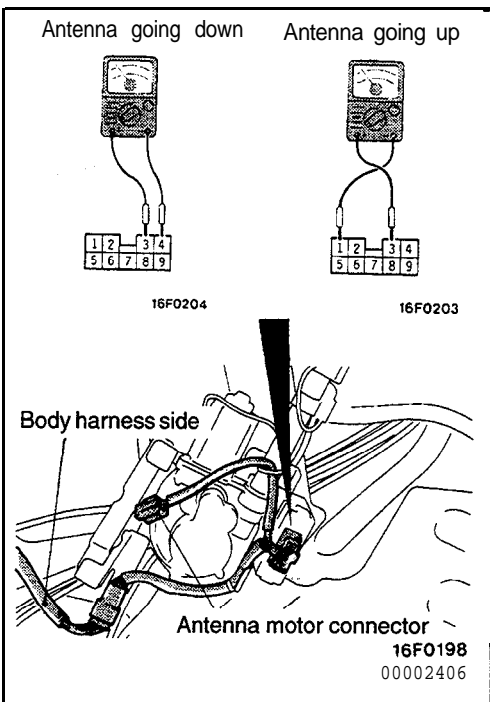
Raise and remove the seat cushion with the lever pulled.

**INSTALLATION SERVICE POINT****▶A◀ REAR SEAT CUSHION INSTALLATION**

- (1) Securely fit the attachment wire of the seat cushion under the seatback.
- (2) Pass the inner seat belt buckles through the cushion.
- (3) Securely fit the lock plates of the seat cushion into the holes in the floor.

**INSPECTION****ANTENNA MOTOR INSPECTION**

Disconnect the motor antenna control unit connector, connect the positive terminal of the power supply to terminal (1) and connect the negative terminal to terminal (4) to check that the antenna goes up, and that when the connections are reversed, the antenna goes down.

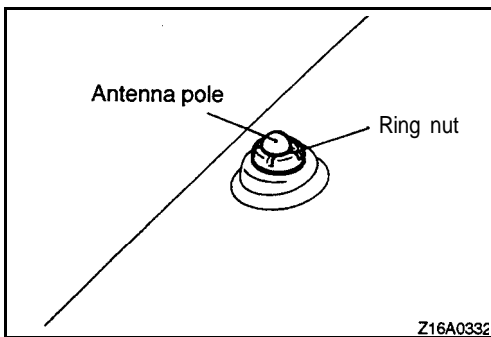
**MOTOR ANTENNA CONTROL UNIT INSPECTION**

- (1) Connect the harness connector to the motor antenna. (Body harness)
- (2) Disconnect the antenna motor connector.
- (3) With the ignition switch in the ACC or ON position, operate the radio switch and check the voltage between the terminals during the period when the antenna is going up or going down.

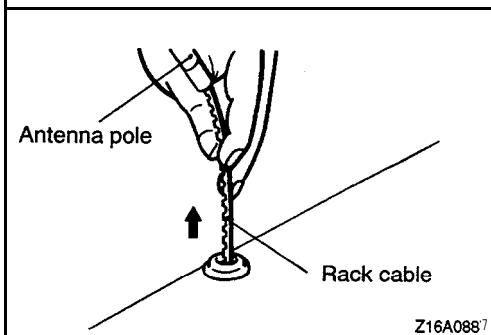
Antenna operating direction	Terminals to check	Voltage (V)
Down	1 - 3	10-13
Up	3 - 4	10-13

ANTENNA POLE REPLACEMENT

(1) Remove the ring nut.



(2) Set the radio switch to ON. After the antenna pole has extended, remove the antenna pole and rack cable as an assembly.

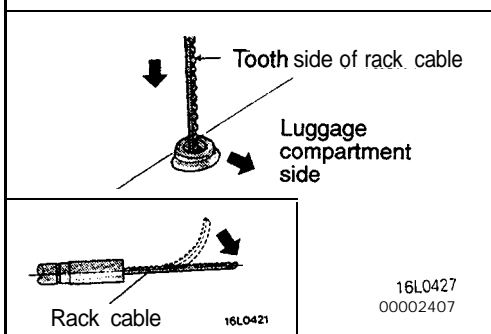


(3) Extend the antenna pole up to its farthest point.

NOTE

If the motor end of the rack cable is bent, straighten it.

(4) Force the rack cable into the motor assembly with the tooth side of the rack cable toward the luggage compartment side.



(5) Turn the tooth side of the rack cable toward the rear of the vehicle (90° clockwise) to bring the rack cable into mesh with the motor gear.

(6) Lightly pull the rack cable. If it comes out without resistance, it means that the rack cable is not in mesh with the motor gear. Recheck that the rack cable end is not bent before repeating the above-mentioned steps (2) and (3).

(7) With the antenna pole upright and the radio switch at OFF, take up the rack cable. As the rack cable is taken up, insert the antenna pole toward the motor antenna.

(8) After the ring nut has been tightened, set the radio switch to ON and OFF to check the operation of the antenna pole.

