RADIO BROADCAST CANNOT BE RECEIVED (BAD RECEPTION)

INSPECTION PROCEDURE

1	CHECK IF RADIO AUTO−SEARCH FUNCTIONS PROPERLY

(a) Check if the radio auto−search functions properly.
(1) Perform the auto−search of the radio and check that it functions normally.
OK: The radio auto−search functions properly.

OK → **REPLACE RADIO RECEIVER ASSY (SEE PAGE 67−4)**

NG

2	CHECK OPTIONAL COMPONENT

(a) Check optional component (sun shade film, telephone antenna, etc.).
(1) Check whether or not any optional component such as the sun shade film and the telephone antenna is installed.
OK: Optional component is installed.

OK → **EFFECT FROM OPTIONAL COMPONENT**

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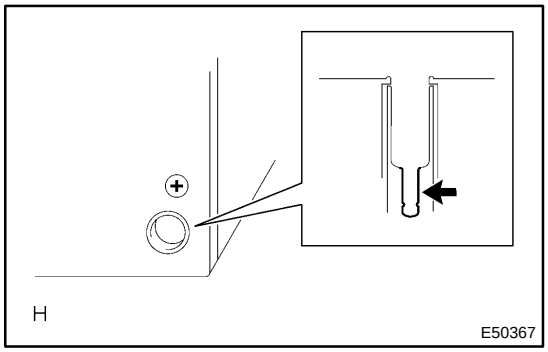
3	INSPECT RADIO RECEIVER ASSY(ANTENNA)

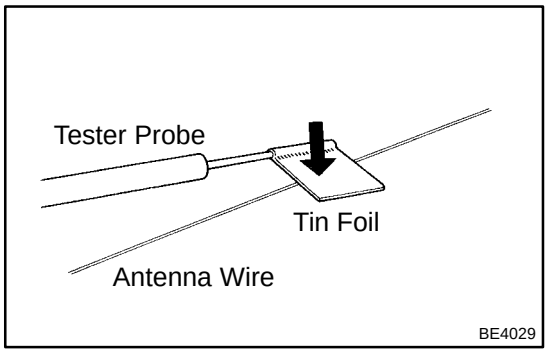


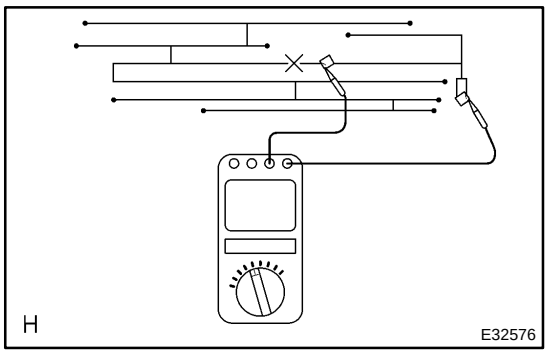
(a) Preparation for Check
(1) Remove the antenna plug of the radio receiver assembly.
(b) Noise Check
(1) With the radio receiver assy connector connected, turn the ignition switch to the ACC position.
(2) Turn on the radio and choose the AM mode.
(3) Place a screwdriver or a piece of metal such as thin wire on an antenna jack of the radio receiver assy and check that the noise is heard from the speaker.
OK: Noise occurs.

NG → **REPLACE RADIO RECEIVER ASSY (SEE PAGE 67−4)**

OK

4 CHECK ANTENNA ASSY





(a) Check for continuity of the antenna.

HINT:

Check the continuity at the center of each antenna wire as shown in the illustration.

NOTICE:

When cleaning the glass, wipe it in the direction of the wire with a soft dry cloth. Take care not to damage the wire. Do not use detergents or glass cleaners with abrasive ingredients. When measuring voltage, wind a piece of tin foil around the top of the negative probe and press the foil against the wire with your finger, as shown in the illustration.

OK: There is continuity in the antenna.

NG → **REPAIR ANTENNA ASSY (SEE PAGE 67−27)**

OK

5 CHECK ANTENNA CORD SUB−ASSY

(a) Remove the antenna plug of the radio receiver assy and antenna assy.

(b) Measure the resistance between the antenna assy and radio receiver assy to check for an open circuit in the antenna cord sub−assy.

Standard: Below 1 Ω

(c) Measure the resistance between the antenna cord sub−assy and body ground to check for a short circuit in the antenna cord sub−assy.

Standard: 10 kΩ or higher

NG → **REPLACE ANTENNA CORD SUB−ASSY (SEE PAGE 67−12)**

OK

REPLACE RADIO RECEIVER ASSY (SEE PAGE 67−4)