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.
  Standard: The radio auto–search functions properly.

OK → **CHECK AND REPLACE RADIO RECEIVER ASSY**

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2	CHECK OPTIONAL COMPONENT

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

OK → **EFFECT FROM OPTIONAL COMPONENT**

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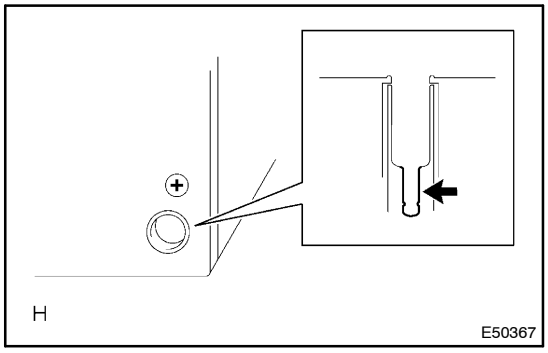
3	CHECK ANTENNA FOR NOISE PRODUCTION

(a) Noise Check with Antenna
  (1) With the ignition switch in ACC, turn on the radio and choose the AM mode.
  (2) Place a tip of a screwdriver or the antenna of the antenna assembly w/ holder and check that the noise heard from the speaker.
  Standard: Noise occurs.

OK → **CHECK AND REPLACE RADIO RECEIVER ASSY**

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4 INSPECT RADIO RECEIVER ASSY



(a) Preparation for Check
  (1) Remove the antenna plug of the radio receiver assembly.

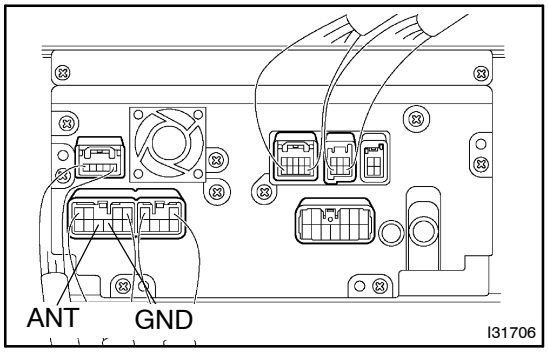
(b) Noise Check
  (1) With the radio receiver assembly connector connected, turn the ignition switch to ACC.
  (2) Turn on the radio and choose the AM mode.
  (3) Place a flat–head screwdriver or a metal such as a thin wire on the antenna jack of the radio receiver assembly and check that the noise heard from the speaker.

Standard: Noise occurs.

NG → **CHECK AND REPLACE RADIO RECEIVER ASSY**

OK

5 INSPECT RADIO RECEIVER ASSY(ANT)



(a) Remove the radio receiver assy with connectors with still connected.

(b) Check voltage.
  (1) Measure voltage between terminals ANT and GND of radio receiver assy at each conditions, as shown in the chart.

Standard:

Terminal	Condition	Voltage (v)
ANT ⇔ GND	Constant	10 – 14 V

NG → **CHECK AND REPLACE RADIO RECEIVER ASSY**

OK

REPLACE W/HOLDER ANTENNA ASSY