

CENTER ROOF ANTENNA INSPECTION

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Note

- The center roof antenna is integrated with the antenna amplifier.

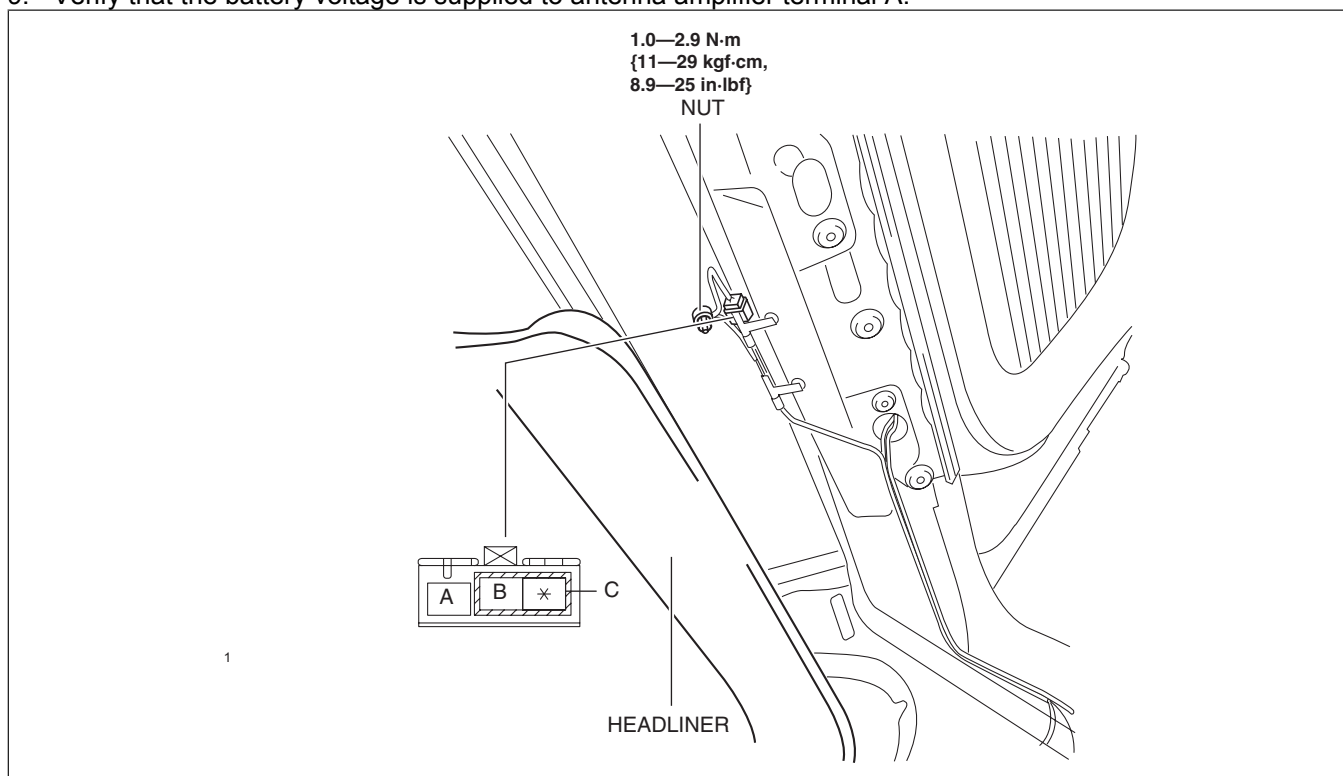
Antenna amplifier inspection

- Disconnect the negative battery cable. (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-G 2.0, SKYACTIV-G 2.5].) (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-G 2.0, SKYACTIV-G 2.5 (WITHOUT i-stop)].) (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-D 2.2].)
- Remove the following parts:
 - (1) Front scuff plate (See FRONT SCUFF PLATE REMOVAL/INSTALLATION.)
 - (2) Rear scuff plate (See REAR SCUFF PLATE REMOVAL/INSTALLATION.)
 - (3) B-pillar lower trim (See B-PILLAR LOWER TRIM REMOVAL/INSTALLATION.)
 - (4) Front seat belt adjusting cover (See FRONT SEAT BELT REMOVAL/INSTALLATION.)
 - (5) Front seat belt upper anchor installation bolt (See FRONT SEAT BELT REMOVAL/INSTALLATION.)
 - (6) B-pillar upper trim (See B-PILLAR UPPER TRIM REMOVAL/INSTALLATION.)
 - (7) Trunk board (See TRUNK BOARD REMOVAL/INSTALLATION.)
 - (8) Trunk end trim (See TRUNK END TRIM REMOVAL/INSTALLATION.)
 - (9) Trunk side trim (See TRUNK SIDE TRIM REMOVAL/INSTALLATION.)
 - (10) D-pillar trim (See D-PILLAR TRIM REMOVAL/INSTALLATION.)
 - (11) C-pillar trim (See C-PILLAR TRIM REMOVAL/INSTALLATION.)
- Remove the rear passenger's assist handle. (See ASSIST HANDLE REMOVAL/INSTALLATION.)
- Partially peel back the headliner.

Note

- Be careful not to peel back the headliner excessively. Otherwise it could create a fold-seam in the headliner.

- Connect the negative battery cable. (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-G 2.0, SKYACTIV-G 2.5].) (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-G 2.0, SKYACTIV-G 2.5 (WITHOUT i-stop)].) (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-D 2.2].)
- Switch the ignition ON (engine off).
- Turn the audio unit power on.
- Tune in the radio.
- Verify that the battery voltage is supplied to antenna amplifier terminal A.

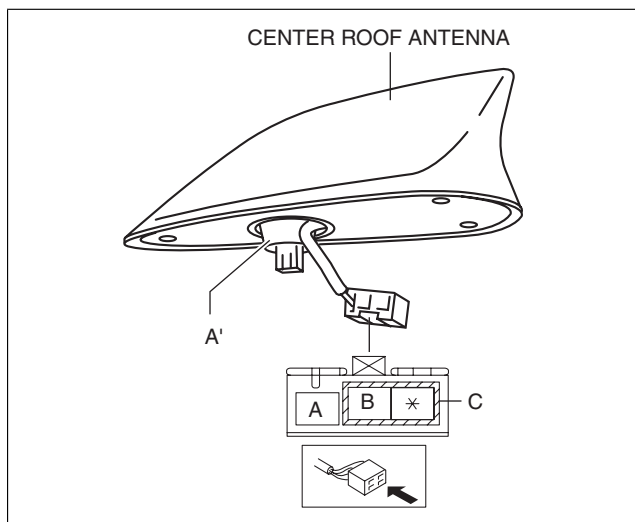


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- If the battery voltage cannot be verified, inspect the audio unit (optional)/car-navigation unit (optional) and antenna feeder.
- If the battery voltage can be verified, go to the feeder line inspection.

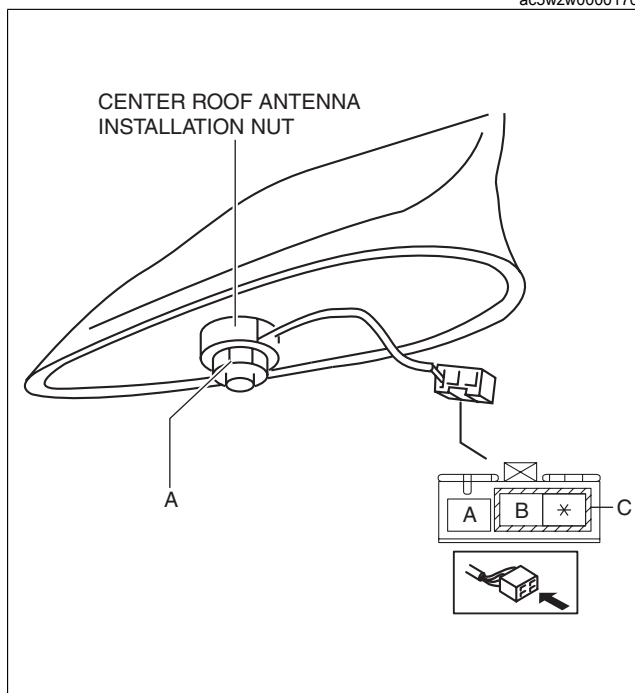
Feeder line inspection

1. Disconnect the negative battery cable. (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-G 2.0, SKYACTIV-G 2.5].) (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-G 2.0, SKYACTIV-G 2.5 (WITHOUT i-stop)].) (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-D 2.2].)
2. Remove the center roof antenna.
3. Verify that there is no continuity between center roof antenna sections A' and B.
 - If there is continuity, replace the center roof antenna.
4. Install the center roof antenna.



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5. Verify that the continuity between the center roof antenna terminals is as indicated in the table.



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- If the continuity is not as indicated in the table, verify the installation condition of the center roof antenna installation nut.
- If the installation condition of the center roof antenna installation nut is normal, replace the center roof antenna.

Test condition	Terminal				BODY GND
	A'	A	B	C	
Under any condition	○	—	—	○	○

○—○: Continuity

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