

PROBLEM SYMPTOMS TABLE

HINT:

Use the table below to help determine the cause of the problem symptom. The potential causes of the symptoms are listed in order of probability in the "Suspected Area" column of the table. Check each symptom by checking the suspected areas in the order they are listed. Replace parts as necessary.

Audio and visual system

Symptom	Suspected area	See page
No sound can be heard only from front speaker.	1. Front No. 1 speaker assembly	AV-5
	2. Wire harness	-
No sound can be heard only from tweeter speaker.	1. Front No. 2 speaker assembly	AV-7
	2. Wire harness	-
No sound can be heard only from rear speaker.	1. Rear speaker assembly	AV-9
	2. Wire harness	-

AV

AV-6

AUDIO / VISUAL – FRONT NO. 1 SPEAKER

INSTALLATION

HINT:

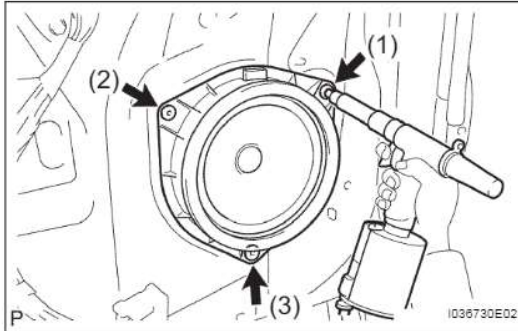
- Use the same procedures for the RH side and LH side.
- The procedures listed below are for the LH side.

1. INSTALL FRONT NO. 1 SPEAKER ASSEMBLY LH

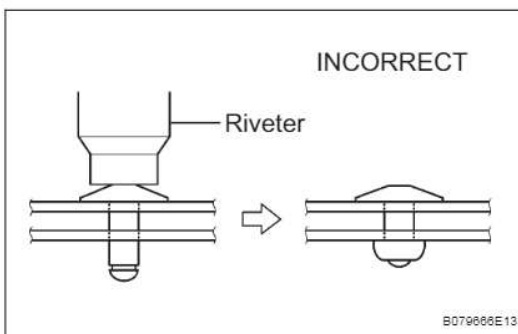
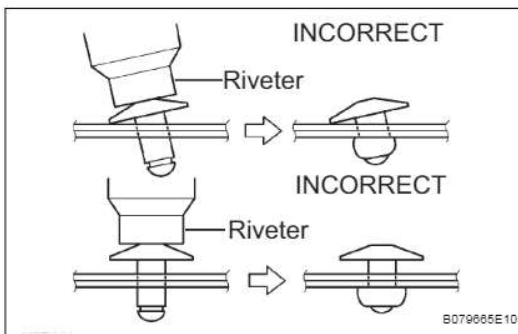
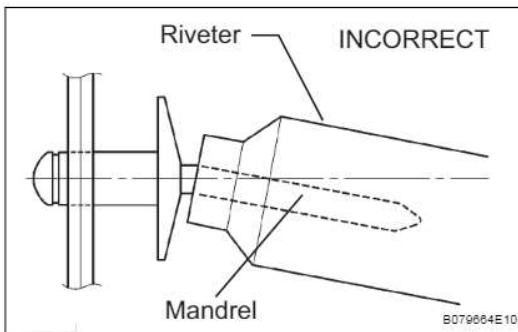
- (a) Using an air riveter or a hand riveter, install 3 new strike rivets to the speaker on the front door panel.

HINT:

Install the new strike rivets in the order shown in the illustration.



AV



NOTICE:

- Do not pry the rivet with the riveter, as this will cause damage to the riveter and mandrel.

- Confirm that the rivets are seated properly against the speaker. Do not tilt the riveter when installing the rivet to the speaker. Do not leave any space between the rivet head and the speaker..

- Do not leave any space between the speaker and door panel. Firmly hold together the 2 items while installing the rivet.

(b) Connect the connectors.

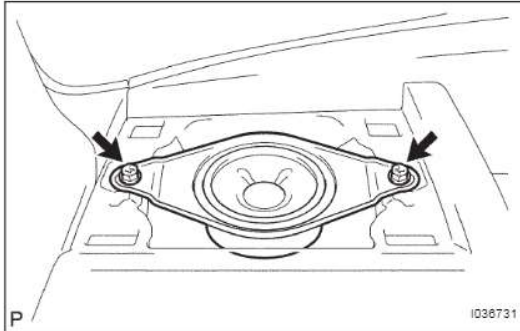
2. INSTALL FRONT DOOR TRIM BOARD SUB-ASSEMBLY LH (See page [ED-18](#))3. INSTALL POWER WINDOW REGULATOR MASTER SWITCH ASSEMBLY (See page [ED-18](#))4. INSTALL DOOR PULL HANDLE (See page [ED-18](#))5. INSTALL FRONT DOOR LOWER FRAME BRACKET GARNISH LH (See page [ED-19](#))

6. CONNECT CABLE TO NEGATIVE BATTERY TERMINAL

INSTALLATION

HINT:

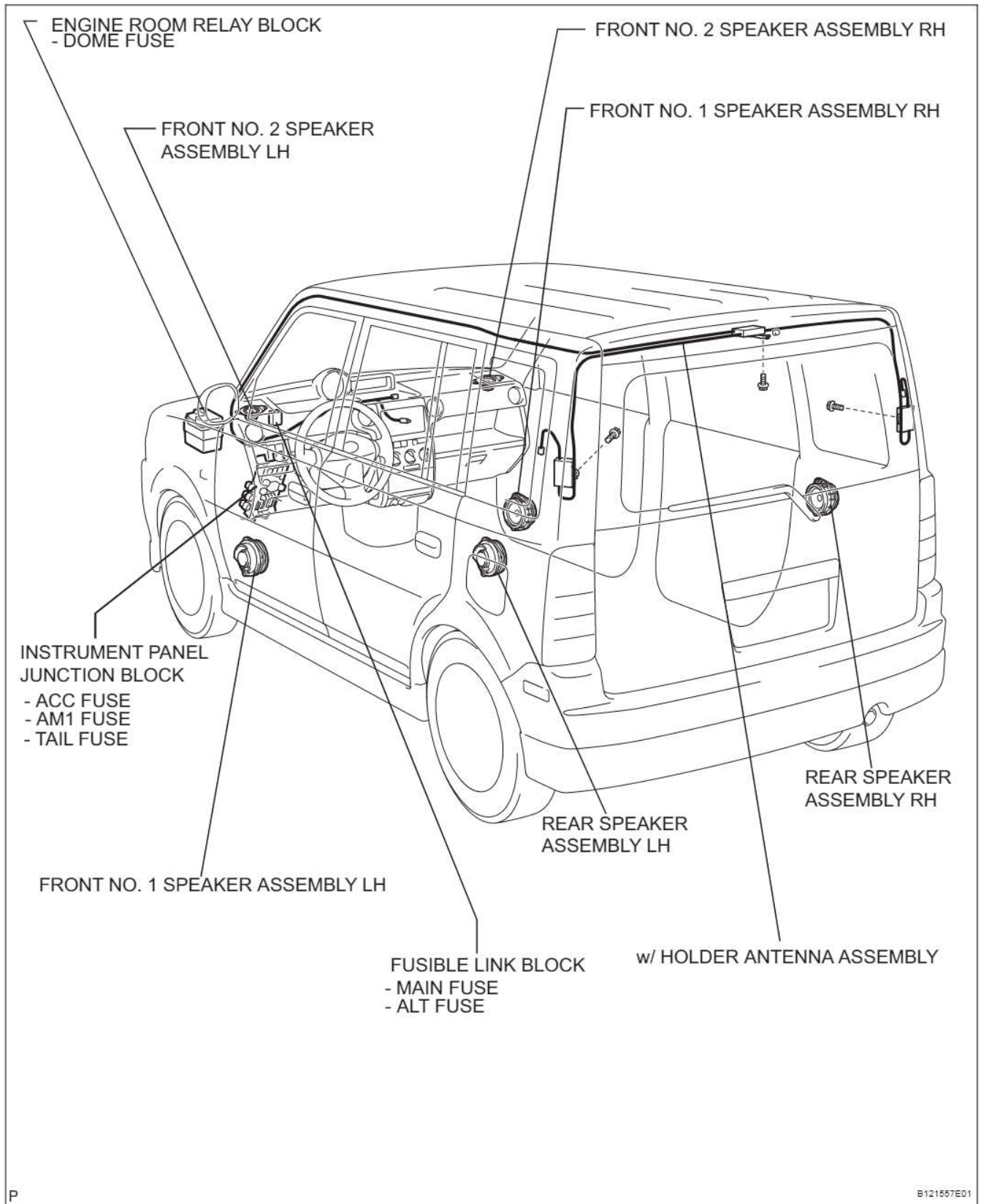
- Use the same procedures for the RH side and LH side.
- The procedures listed below are for the LH side.



1. **INSTALL NO. 2 FRONT SPEAKER ASSEMBLY LH**
 - (a) Connect the connector.
 - (b) Install the speaker with the 2 bolts.
2. **INSTALL NO. 2 INSTRUMENT PANEL SPEAKER PANEL SUB-ASSEMBLY** (See page [IP-13](#))
3. **CONNECT CABLE TO NEGATIVE BATTERY TERMINAL**

AUDIO AND VISUAL SYSTEM

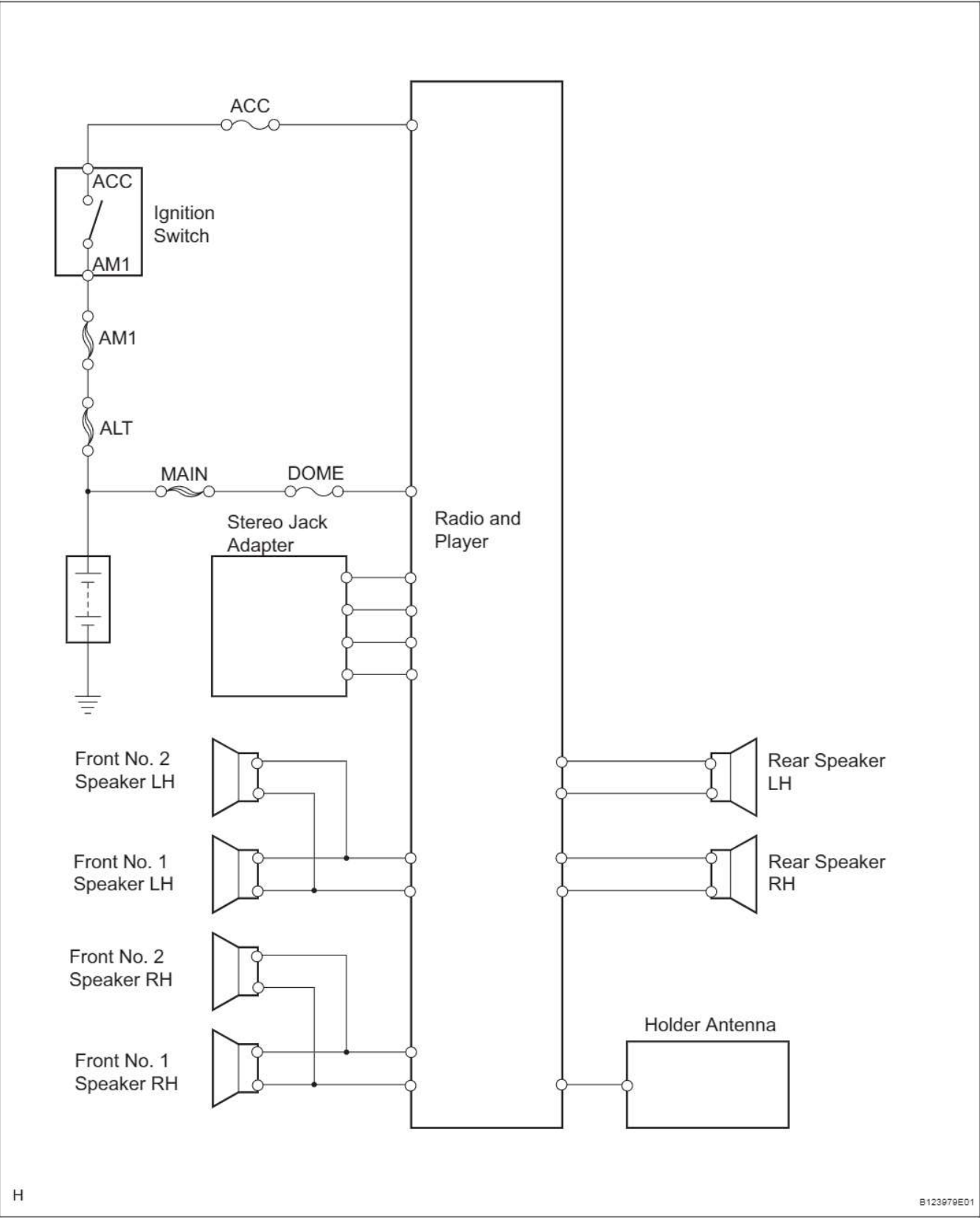
PARTS LOCATION


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AV-2

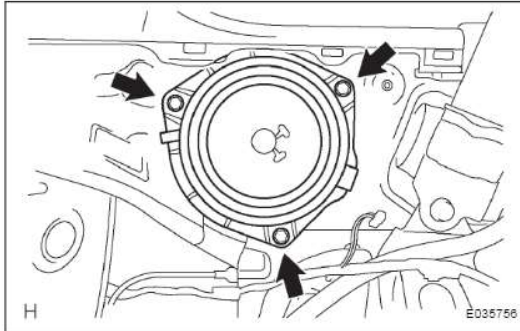
AUDIO / VISUAL – AUDIO AND VISUAL SYSTEM

SYSTEM DIAGRAM



AV-10**AUDIO / VISUAL – REAR SPEAKER****INSTALLATION****HINT:**

- Use the same procedures for the RH side and LH side.
- The procedures listed below are for the LH side.

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1. **INSTALL REAR SPEAKER ASSEMBLY**
 - (a) Connect the connector.
 - (b) Install the speaker with the 3 bolts.
2. **INSTALL DECK TRIM COVER REAR** (See page [IR-11](#))
3. **INSTALL SPARE WHEEL COVER ASSEMBLY**
4. **INSTALL BACK DOOR WEATHERSTRIP**
5. **INSTALL REAR SEAT ASSEMBLY**
 - (a) Rear seat assembly (see page [SE-26](#)).
6. **INSTALL REAR DOOR OPENING TRIM RH**
7. **INSTALL REAR DOOR OPENING TRIM LH**
8. **INSTALL REAR DOOR SCUFF PLATE RH** (See page [IR-12](#))
9. **INSTALL REAR DOOR SCUFF PLATE LH** (See page [IR-12](#))
10. **CONNECT CABLE TO NEGATIVE BATTERY TERMINAL**

FRONT NO. 1 SPEAKER

REMOVAL

HINT:

- Use the same procedures for the RH side and LH side.
- The procedures listed below are for the LH side.

1. DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL

CAUTION:

Wait at least 90 seconds after disconnecting the cable from the negative (-) battery terminal to prevent airbag and seat belt pretensioner activation.

2. REMOVE FRONT DOOR LOWER FRAME BRACKET GARNISH LH (See page ED-8)

3. REMOVE DOOR PULL HANDLE (See page ED-8)

4. REMOVE POWER WINDOW REGULATOR MASTER SWITCH ASSEMBLY (See page ED-8)

5. REMOVE FRONT DOOR TRIM BOARD SUB-ASSEMBLY LH (See page ED-9)

6. REMOVE FRONT NO. 1 SPEAKER ASSEMBLY LH

(a) Disconnect the connector.

(b) Using a drill of less than ϕ 4 mm (0.16 in.), drill out the 3 rivet heads and remove the speaker from the front door panel.

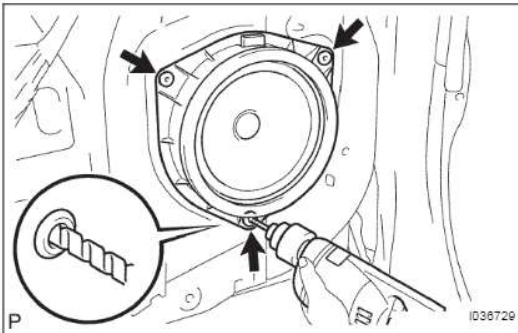
NOTICE:

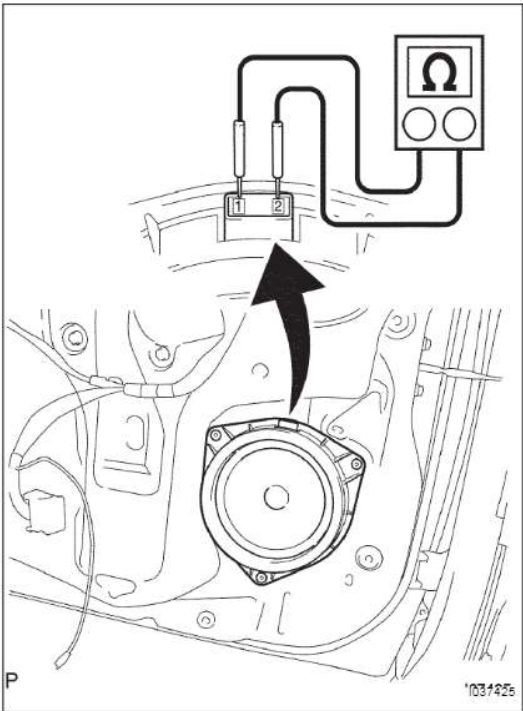
Do not drill the rivet at an angle, as this will cause damage to the drill and drill hole. Line up the drill and rivet, and carefully drill out the rivet head.

CAUTION:

Be careful as the cut rivet will be very hot.

- (c) Continue drilling and push out the remaining fragments with the drill.
- (d) Using a vacuum cleaner, remove the rivet fragments and shavings from the inside of the door.





INSPECTION

1. INSPECT FRONT NO. 1 SPEAKER ASSEMBLY
- (a) Measure the resistance of the speaker.
- Standard resistance**

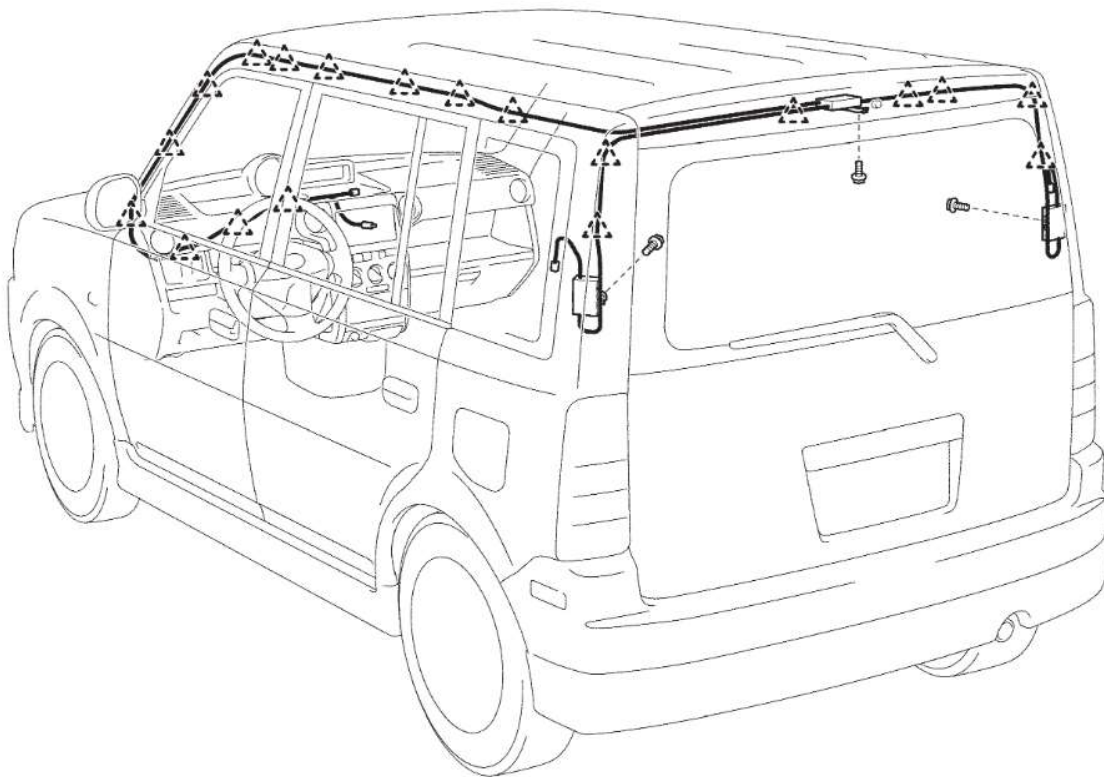
Tester Connection	Condition	Specified Condition
1-2	Always	4 Ω

AV-12

AUDIO / VISUAL – RADIO ANTENNA HOLDER

INSTALLATION**1. INSTALL ANTENNA HOLDER ASSEMBLY**

- (a) Install the antenna holder with 19 clamps and 3 bolts.
- (b) Connect the connectors.



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2. INSTALL INSTRUMENT PANEL SUB-ASSEMBLY

- (a) Install the instrument panel (see page [IP-10](#)).

3. INSTALL ROOF HEADLINING ASSEMBLY

- (a) Install the roof headlining (see page [IR-9](#)).

**4. CONNECT CABLE TO NEGATIVE BATTERY
TERMINAL****AV**

FRONT NO. 2 SPEAKER

ON-VEHICLE INSPECTION

1. INSPECT NO. 2 FRONT SPEAKER ASSEMBLY

- (a) Replace the right and left speakers with one another and check if they play normally.

OK:

They play normally.

AV

AV-8**AUDIO / VISUAL – FRONT NO. 2 SPEAKER****REMOVAL****HINT:**

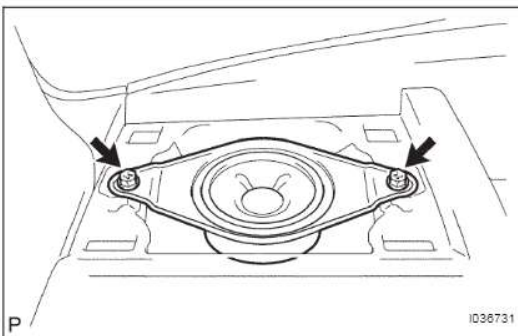
- Use the same procedures for the RH side and LH side.
- The procedures listed below are for the LH side.

1. DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL**CAUTION:**

Wait at least 90 seconds after disconnecting the cable from the negative (-) battery terminal to prevent airbag and seat belt pretensioner activation.

2. REMOVE NO. 2 INSTRUMENT PANEL SPEAKER PANEL SUB-ASSEMBLY (See page [IP-5](#))**3. REMOVE NO. 2 FRONT SPEAKER ASSEMBLY LH**

- (a) Remove the 2 bolts and speaker.
- (b) Disconnect the connector.

**AV**

REAR SPEAKER

REMOVAL

HINT:

- Use the same procedures for the RH side and LH side.
- The procedures listed below are for the LH side.

1. DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL

CAUTION:

Wait at least 90 seconds after disconnecting the cable from the negative (-) battery terminal to prevent airbag and seat belt pretensioner activation.

2. REMOVE REAR DOOR SCUFF PLATE RH (See page [IR-6](#))

3. REMOVE REAR DOOR SCUFF PLATE LH (See page [IR-6](#))

4. REMOVE REAR DOOR OPENING TRIM RH

5. REMOVE REAR DOOR OPENING TRIM LH

6. REMOVE REAR SEAT ASSEMBLY

(a) Rear seat assembly (see page [SE-22](#)).

7. REMOVE BACK DOOR WEATHERSTRIP

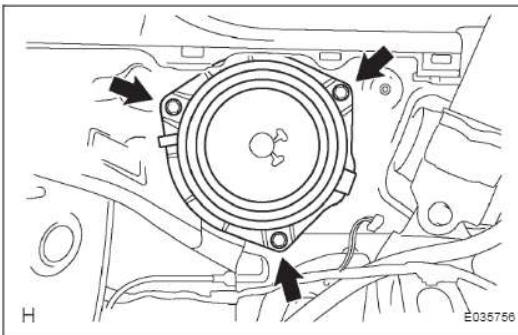
8. REMOVE SPARE WHEEL COVER ASSEMBLY

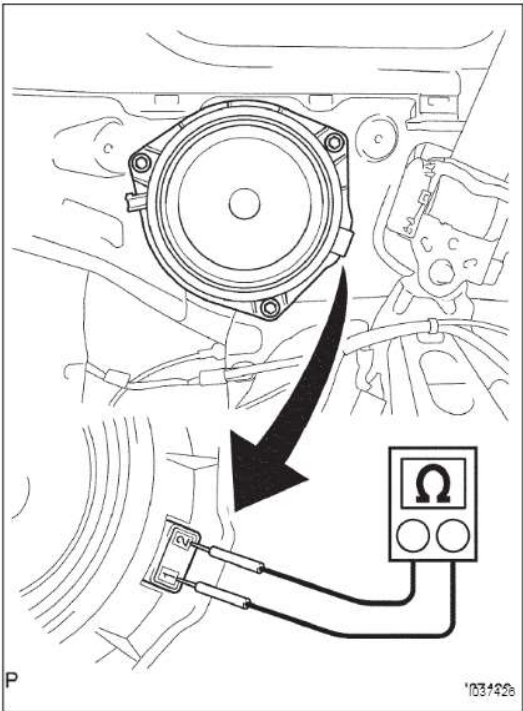
9. REMOVE DECK TRIM COVER REAR (See page [IR-7](#))

10. REMOVE REAR SPEAKER ASSEMBLY LH

(a) Disconnect the connector.

(b) Remove the 3 bolts and speaker .





INSPECTION

1. INSPECT REAR SPEAKER ASSEMBLY

- (a) Measure the resistance of the speaker..

Standard resistance

Tester Connection	Condition	Specified Condition
1 - 2	Always	4 Ω

RADIO ANTENNA HOLDER

REMOVAL

1. **DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL**

CAUTION:

Wait at least 90 seconds after disconnecting the cable from the negative (-) battery terminal to prevent airbag and seat belt pretensioner activation.

2. **REMOVE ROOF HEADLINING ASSEMBLY**

(a) Remove the headlining (see page [IR-6](#)).

3. **REMOVE INSTRUMENT PANEL SUB-ASSEMBLY**

(a) Remove the instrument panel (see page [IP-4](#)).

4. **REMOVE ANTENNA HOLDER ASSEMBLY**

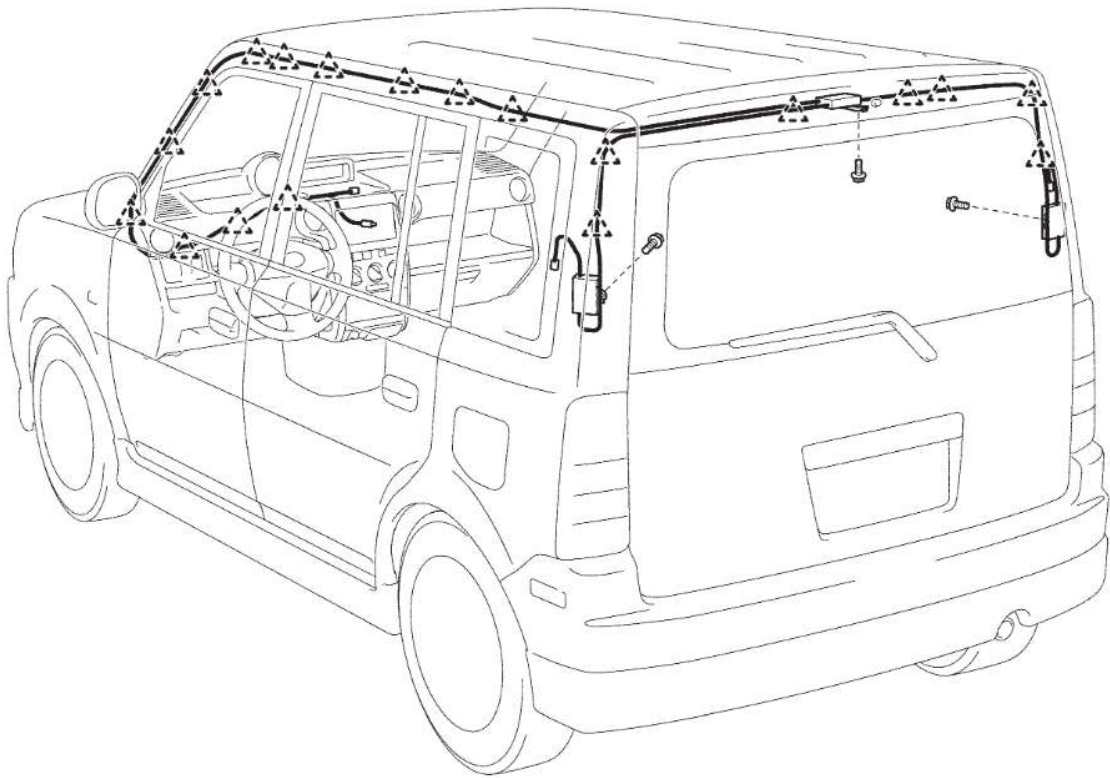
(a) Disconnect the connectors.

(b) Remove the 19 clamps and 3 bolts.

(c) Remove the antenna holder.

AUDIO / VISUAL – RADIO ANTENNA HOLDER

AV-11

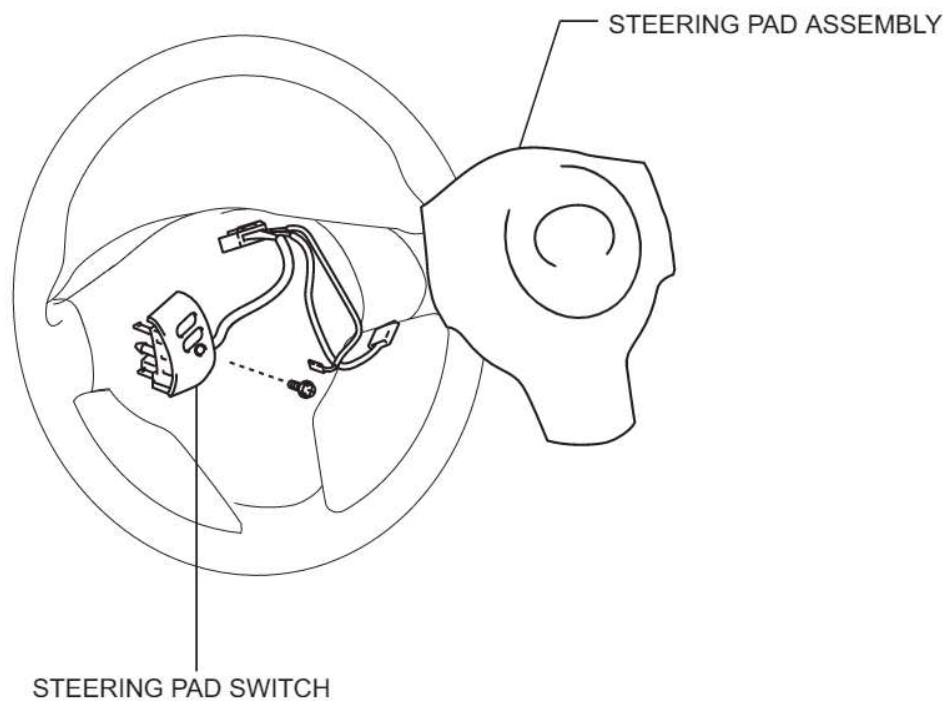


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STEERING PAD SWITCH COMPONENTS



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AV-14

AUDIO / VISUAL – STEERING PAD SWITCH

REMOVAL

1. **DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL**

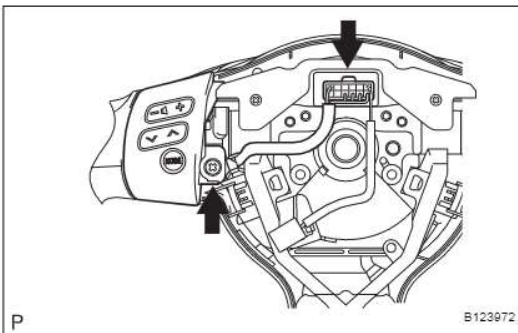
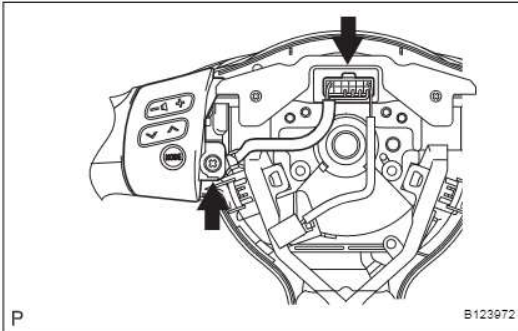
CAUTION:

Wait at least 90 seconds after disconnecting the cable from the negative (-) battery terminal to prevent airbag and seat belt pretensioner activation.

2. **REMOVE STEERING PAD ASSEMBLY** (See page [RS-405](#))

3. **REMOVE STEERING PAD SWITCH**

- (a) Disconnect the connector.
- (b) Remove the screw.
- (c) Remove the steering pad switch.

**INSTALLATION**

1. **INSTALL STEERING PAD SWITCH**

- (a) Install the steering pad switch.
- (b) Install the screw.
- (c) Connect the connector.

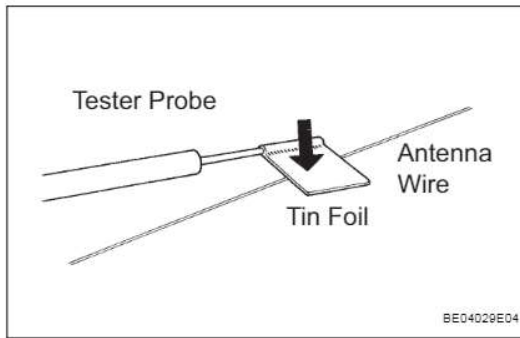
2. **INSTALL STEERING PAD ASSEMBLY** (See page [RS-406](#))

3. **INSPECT STEERING PAD ASSEMBLY** (See page [RS-403](#))

4. **CONNECT CABLE TO NEGATIVE BATTERY TERMINAL**

5. **CHECK SRS WARNING LIGHT**

- (a) Check SRS warning light (see page [RS-39](#)).



WINDOW GLASS ANTENNA WIRE

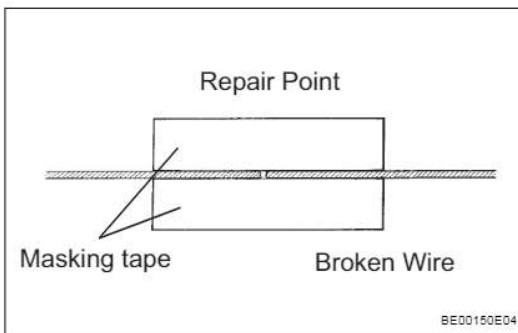
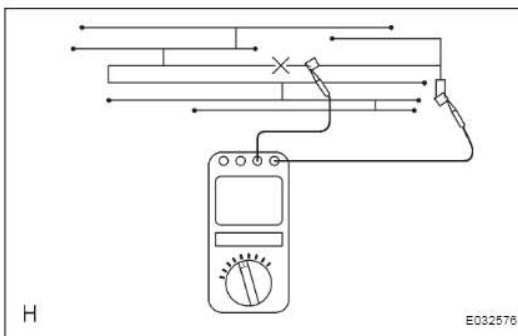
ON-VEHICLE INSPECTION

1. CHECK WINDOW GLASS ANTENNA WIRE

NOTICE:

When cleaning the glass, use a soft, dry cloth, and wipe the glass in the direction of the wire. Be careful not to damage the wires. 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.

- Inspect the continuity, at the center of each antenna wire, as shown in the illustration.



REPAIR

1. REPAIR WINDOW GLASS ANTENNA WIRE

- Clean the broken wire tips with grease, wax and silicone remover.
- Place masking tape along both sides of the wire to be repaired.
- Thoroughly mix the repair agent (Dupont paste No. 4817).
- Using a fine tip brush, apply a small amount to the wire.
- After a few minutes, remove the masking tape.
- Do not repair the defogger wire for at least 24 hours.

