

AUDIO AND VISUAL SYSTEM

PRECAUTION

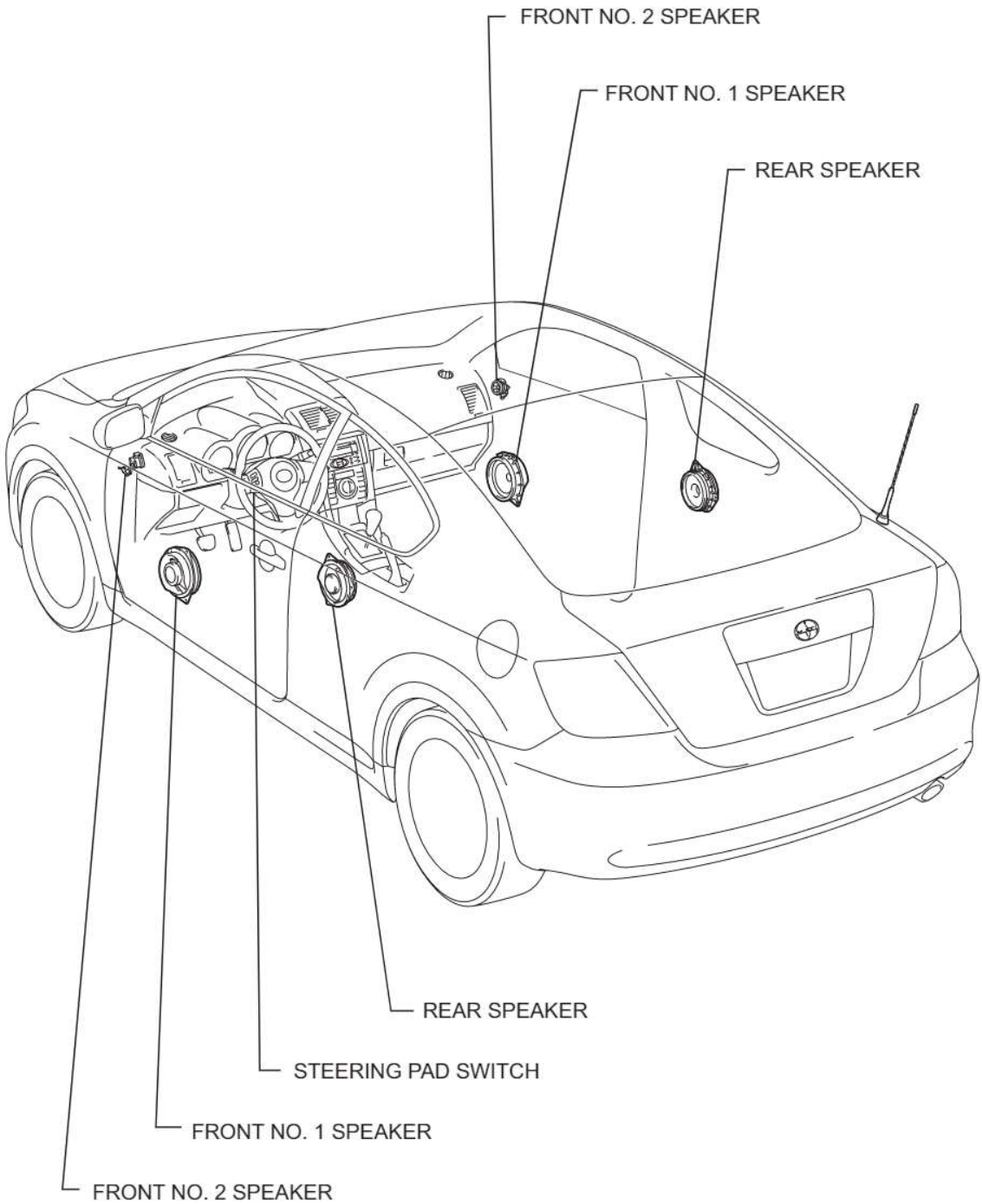
NOTICE:
When disconnecting the cable from the negative (-)battery terminal, initialize the following systems after the cable is reconnected.

System	See Procedure
Power Window Control System (with Jam Protection Function)	IN-23
Sliding Roof System	

1. **OBSERVE HANDLING AND OPERATIONAL PRECAUTIONS**
- (a) Fasten the earth bolt securely when the antenna cord is removed or installed.
HINT:
Failure to fasten the earth bolt securely causes noise when receiving radio waves.
 - (b) Do not touch the cone paper of the speaker.

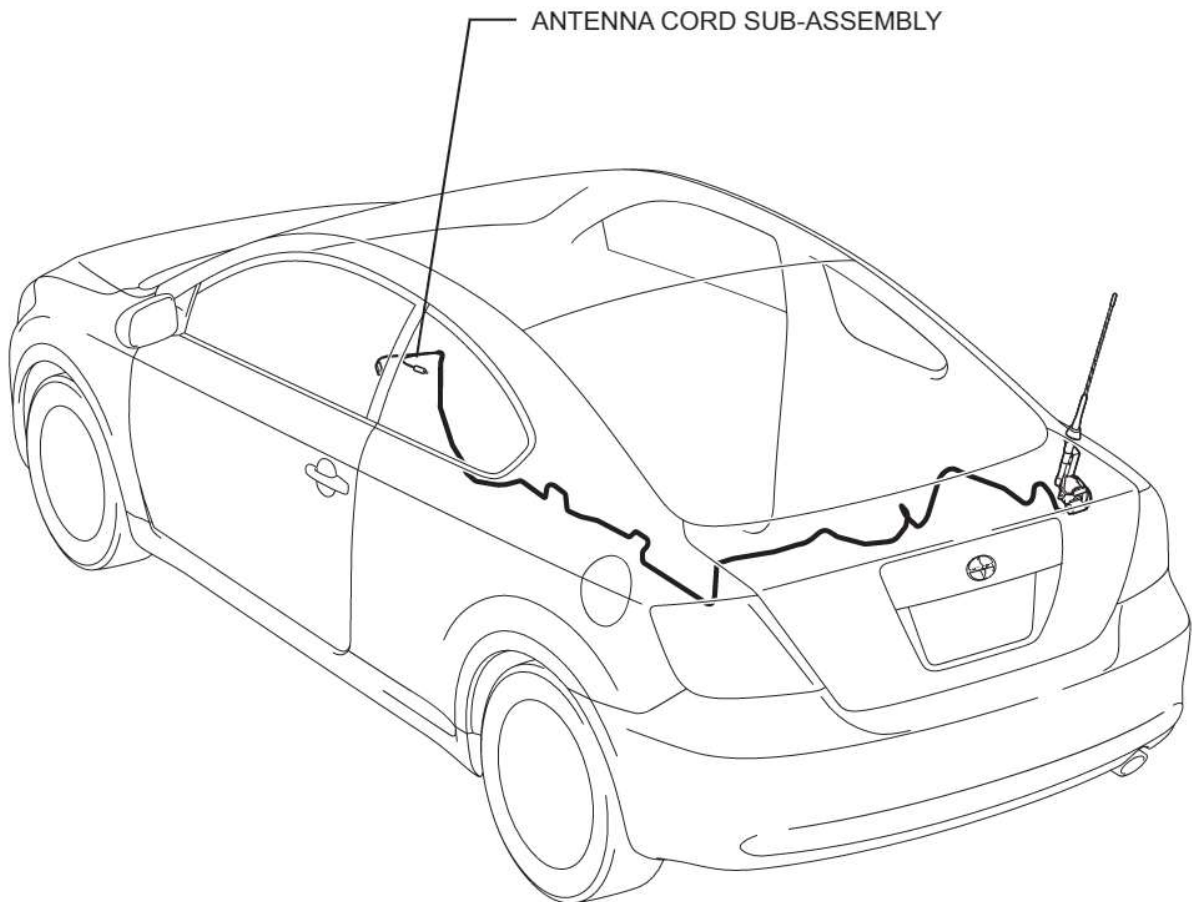


PARTS LOCATION



E136216E01

RADIO ANTENNA CORD COMPONENTS

**AV**

REMOVAL

1. DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL

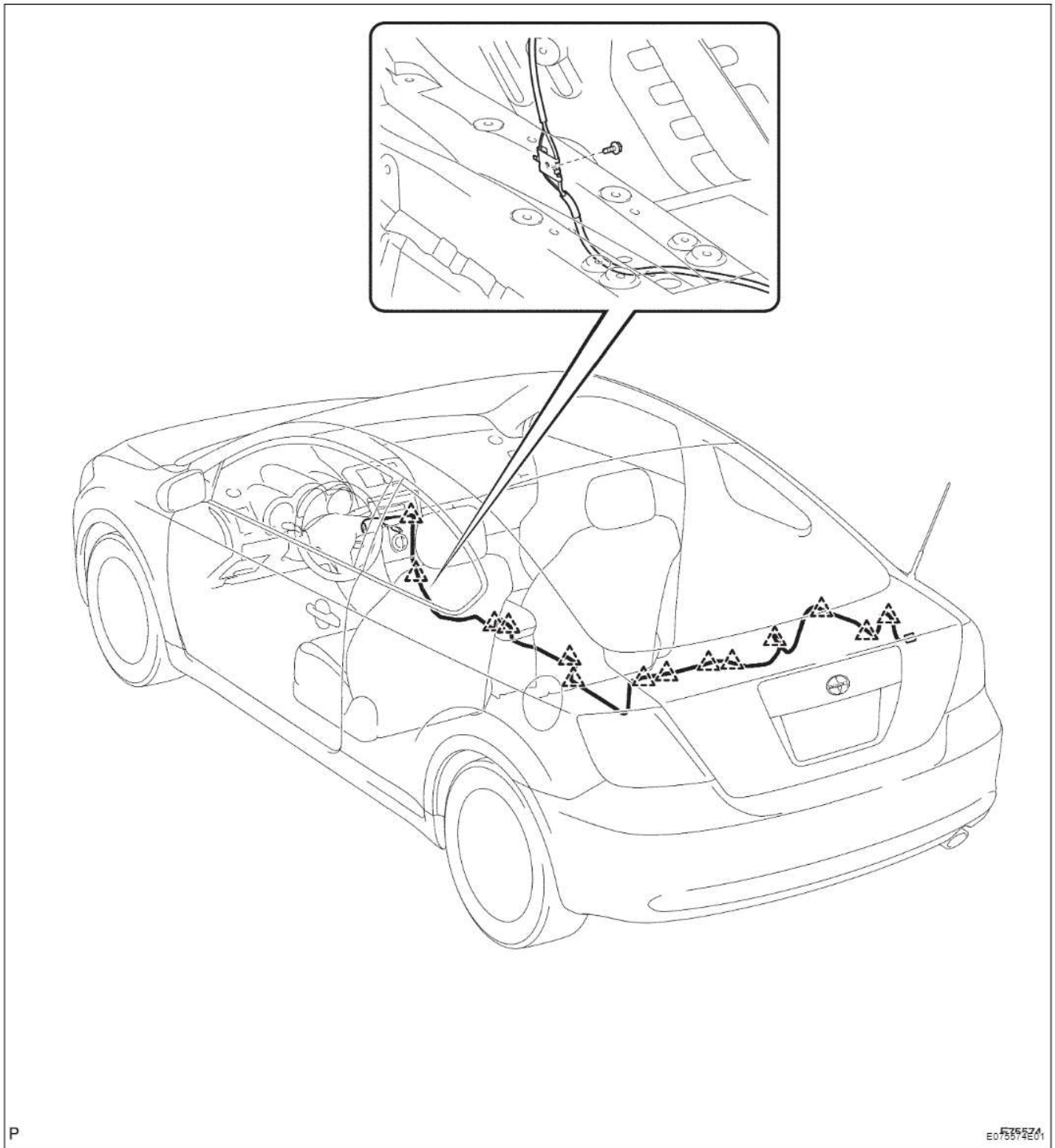
CAUTION:

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

2. REMOVE TONNEAU COVER ASSEMBLY
3. REMOVE DECK BOARD SUB-ASSEMBLY
4. REMOVE BACK DOOR SCUFF PLATE (See page [IR-8](#))
5. REMOVE DECK FLOOR BOX LH (See page [IR-8](#))
6. REMOVE DECK FLOOR BOX RH (See page [IR-8](#))
7. REMOVE ROPE HOOK ASSEMBLY
8. REMOVE REAR NO. 1 FLOOR BOARD (See page [IR-9](#))
9. REMOVE SEAT TRACK BRACKET COVER OUTER RH (See page [SE-5](#))
10. REMOVE SEAT TRACK BRACKET COVER INNER RH (See page [SE-5](#))
11. REMOVE FRONT SEAT ASSEMBLY RH (See page [SE-5](#))
12. REMOVE REAR SEAT CUSHION ASSEMBLY (See page [SE-17](#))
13. REMOVE REAR SEATBACK ASSEMBLY RH (See page [SE-18](#))
14. REMOVE LAP BELT OUTER ANCHOR COVER
15. REMOVE FRONT SEAT OUTER BELT ASSEMBLY RH (See page [SB-10](#))
16. REMOVE FRONT DOOR SCUFF PLATE RH (See page [IR-9](#))
17. REMOVE NO. 1 LUGGAGE COMPARTMENT TRIM HOOK
18. REMOVE NO. 1 SIDE TRIM ASSEMBLY RH (See page [IR-10](#))
19. REMOVE NO. 2 LUGGAGE COMPARTMENT TRIM HOOK
20. REMOVE DECK TRIM SIDE PANEL ASSEMBLY RH (See page [IR-11](#))
21. REMOVE SHIFT LEVER KNOB SUB-ASSEMBLY (for Manual Transaxle) (See page [IP-5](#))
22. REMOVE UPPER CONSOLE PANEL (See page [IP-5](#))
23. REMOVE CONSOLE UPPER REAR PANEL SUB-ASSEMBLY (See page [IP-18](#))

AUDIO / VISUAL – RADIO ANTENNA CORD**AV-5**

- 24. REMOVE CONSOLE BOX REAR ASSEMBLY** (See page [IP-18](#))
- 25. REMOVE INSTRUMENT CLUSTER FINISH PANEL ASSEMBLY** (See page [AC-71](#))
- 26. REMOVE ANTENNA CORD SUB-ASSEMBLY**
 - (a) Remove the bolt.
 - (b) Detach all clamps and remove the antenna cord.

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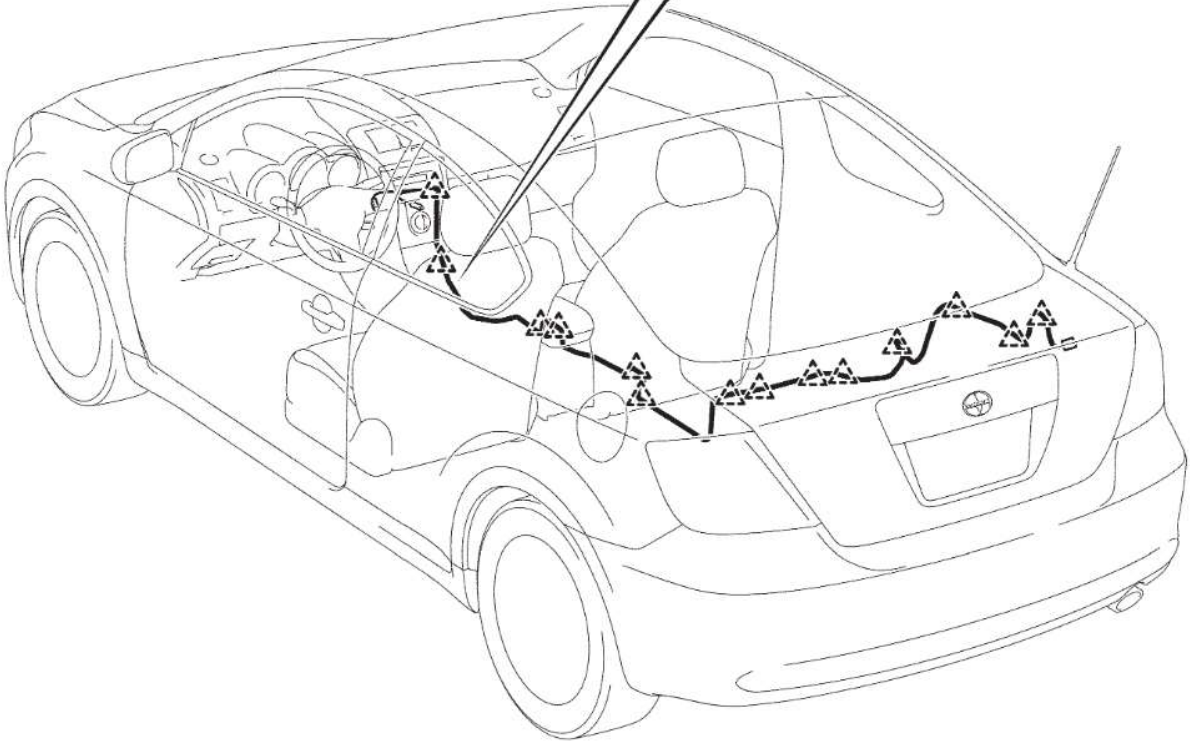
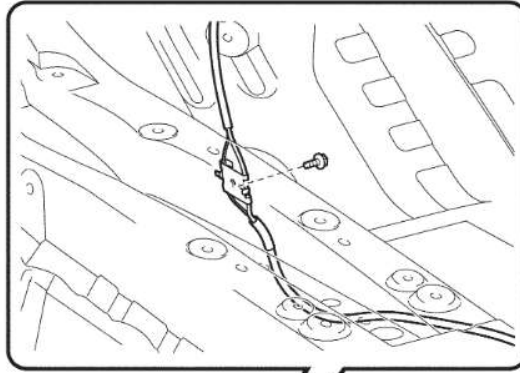
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AV-6

AUDIO / VISUAL – RADIO ANTENNA CORD

INSTALLATION**1. INSTALL ANTENNA CORD SUB-ASSEMBLY**

- (a) Attach all clamps to install the antenna cord.
- (b) Install the bolt.



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- 2. INSTALL INSTRUMENT CLUSTER FINISH PANEL ASSEMBLY (See page [AC-74](#))**
- 3. INSTALL REAR CONSOLE BOX ASSEMBLY (See page [IP-22](#))**

4. INSTALL CONSOLE UPPER REAR PANEL SUB-ASSEMBLY (See page [IP-23](#))
5. INSTALL UPPER CONSOLE PANEL (See page [IP-11](#))
6. INSTALL SHIFT LEVER KNOB SUB-ASSEMBLY (for Manual Transaxle) (See page [IP-12](#))
7. INSTALL DECK TRIM SIDE PANEL ASSEMBLY RH (See page [IR-18](#))
8. INSTALL NO. 2 LUGGAGE COMPARTMENT TRIM HOOK
9. INSTALL NO. 1 SIDE TRIM ASSEMBLY RH (See page [IR-19](#))
10. INSTALL NO. 1 LUGGAGE COMPARTMENT TRIM HOOK
11. INSTALL FRONT DOOR SCUFF PLATE RH (See page [IR-20](#))
12. INSTALL FRONT SEAT OUTER BELT ASSEMBLY RH (See page [SB-11](#))
13. INSTALL LAP BELT OUTER ANCHOR COVER
14. INSTALL REAR SEATBACK ASSEMBLY RH (See page [SE-28](#))
15. INSTALL REAR SEAT CUSHION ASSEMBLY (See page [SE-29](#))
16. INSTALL FRONT SEAT ASSEMBLY (See page [SE-11](#))
17. INSTALL SEAT TRACK BRACKET COVER INNER RH (See page [SE-12](#))
18. INSTALL SEAT TRACK BRACKET COVER OUTER RH (See page [SE-12](#))
19. INSTALL REAR NO. 1 FLOOR BOARD (See page [IR-20](#))
20. INSTALL ROPE HOOK ASSEMBLY
21. INSTALL DECK FLOOR BOX RH (See page [IR-20](#))
22. INSTALL DECK FLOOR BOX LH (See page [IR-20](#))
23. INSTALL BACK DOOR SCUFF PLATE (See page [IR-21](#))
24. INSTALL DECK BOARD SUB-ASSEMBLY
25. INSTALL TONNEAU COVER ASSEMBLY
26. CONNECT CABLE TO NEGATIVE BATTERY TERMINAL
27. PERFORM INITIALIZATION
 - (a) Perform initialization (see page [IN-23](#)).

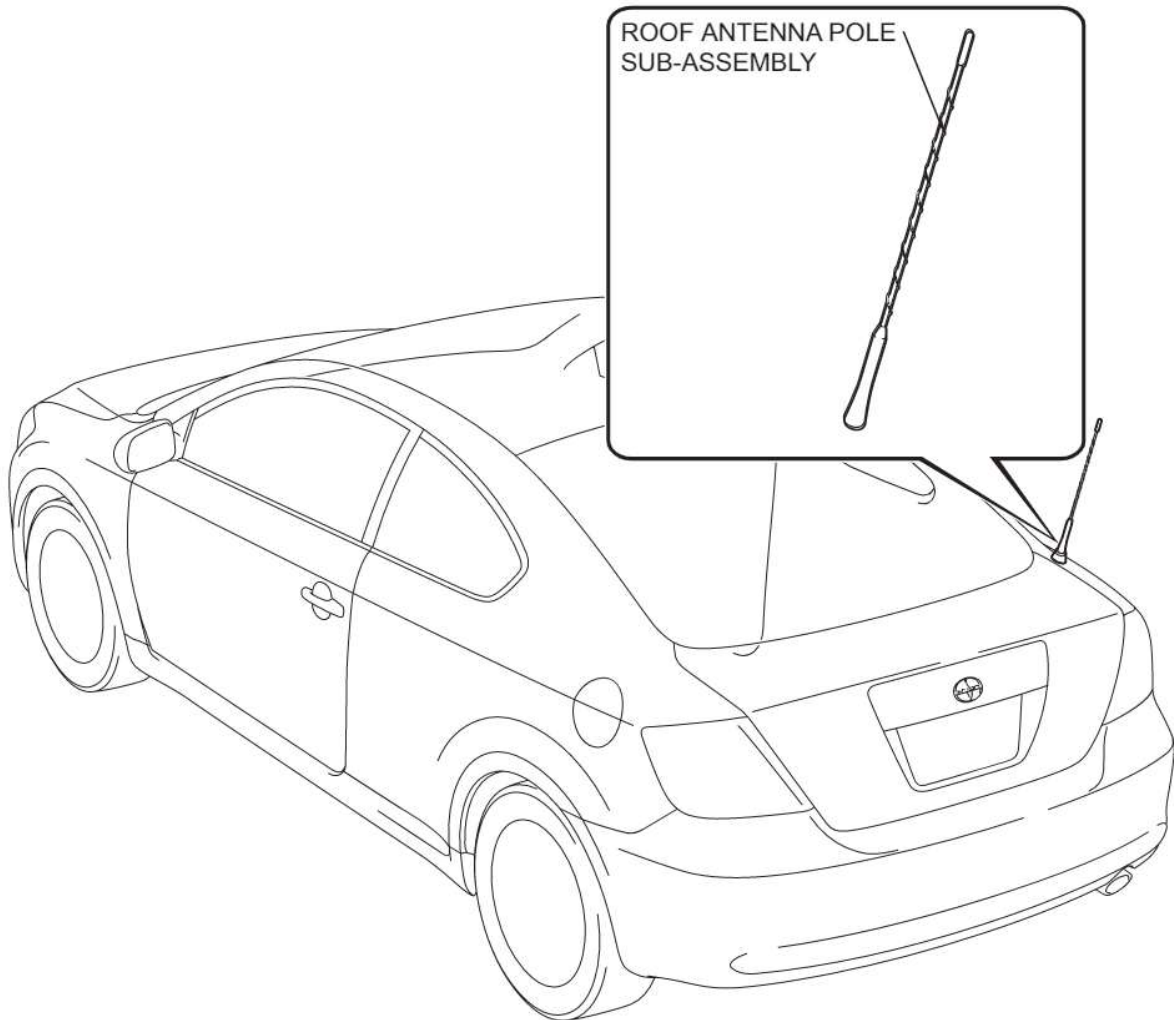
NOTICE:
 Certain systems need to be initialized after disconnecting and reconnecting the cable from the negative (-) battery terminal.

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AV-8

AUDIO / VISUAL – RADIO ANTENNA POLE

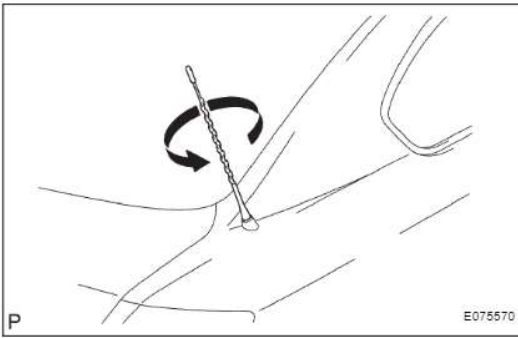
RADIO ANTENNA POLE COMPONENTS



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REMOVAL

1. **REMOVE ROOF ANTENNA POLE SUB-ASSEMBLY**
 - (a) Remove the antenna pole by turning it counterclockwise.

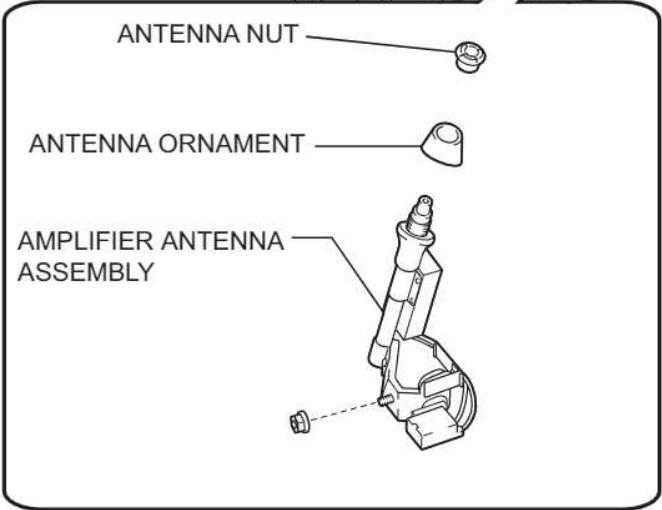
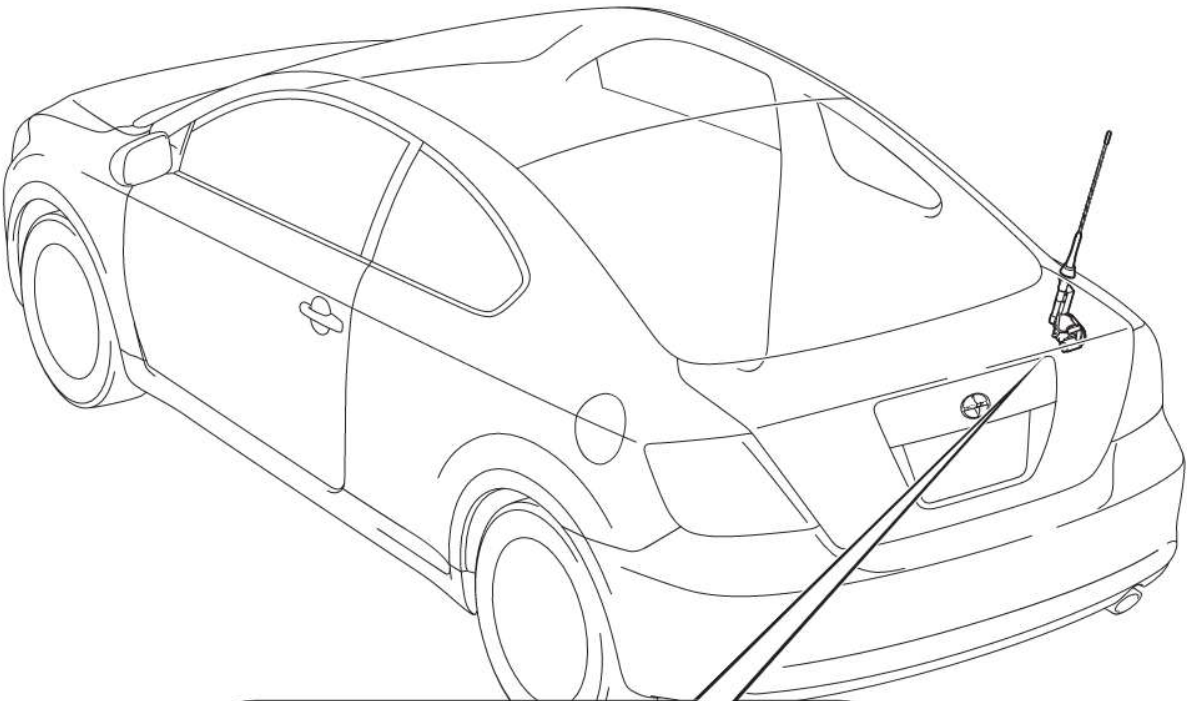
AV-10**AUDIO / VISUAL – RADIO ANTENNA POLE**

INSTALLATION

- 1. INSTALL ROOF ANTENNA POLE SUB-ASSEMBLY**
 - (a) Install the antenna pole by turning it clockwise.

AV

AMPLIFIER ANTENNA
COMPONENTS



REMOVAL

1. DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL

CAUTION:

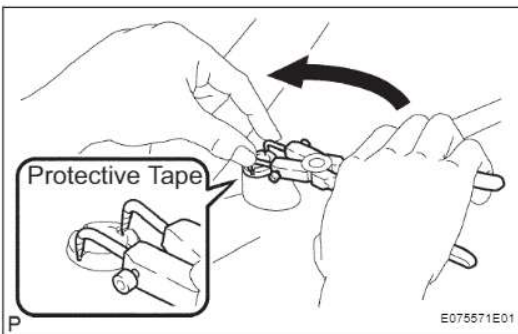
Wait at least 90 seconds after disconnecting the cable from the negative (-) battery terminal to prevent airbag and seat belt pretensioner activation.

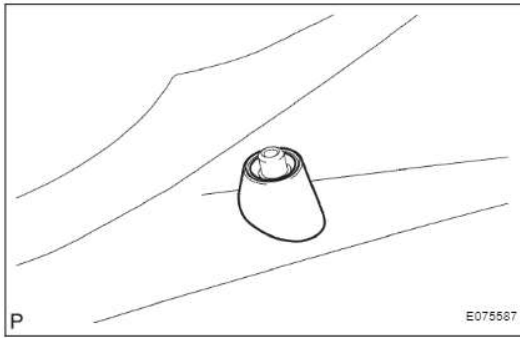
2. REMOVE TONNEAU COVER ASSEMBLY
3. REMOVE DECK BOARD SUB-ASSEMBLY
4. REMOVE BACK DOOR SCUFF PLATE (See page [IR-8](#))
5. REMOVE DECK FLOOR BOX LH (See page [IR-8](#))
6. REMOVE DECK FLOOR BOX RH (See page [IR-8](#))
7. REMOVE ROPE HOOK
8. REMOVE REAR NO. 1 FLOOR BOARD (See page [IR-9](#))
9. REMOVE REAR SEAT CUSHION ASSEMBLY (See page [SE-17](#))
10. REMOVE REAR SEATBACK ASSEMBLY RH (See page [SE-18](#))
11. REMOVE FRONT DOOR SCUFF PLATE RH (See page [IP-19](#))
12. REMOVE NO. 1 LUGGAGE COMPARTMENT TRIM HOOK
13. REMOVE NO. 1 SIDE TRIM ASSEMBLY RH (See page [IR-10](#))
14. REMOVE NO. 2 LUGGAGE COMPARTMENT TRIM HOOK
15. REMOVE DECK TRIM SIDE PANEL ASSEMBLY RH (See page [IR-11](#))
16. REMOVE ROOF ANTENNA POLE SUB-ASSEMBLY
17. REMOVE ANTENNA NUT

- (a) Using snap ring pliers, remove the antenna nut as shown in the illustration.

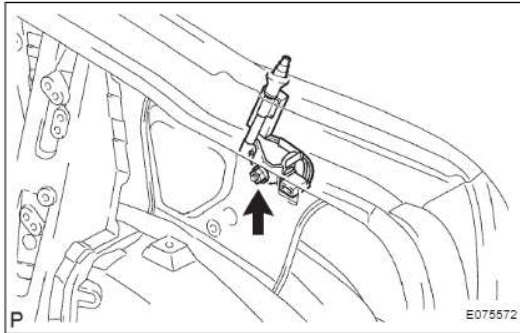
HINT:

Wrap the tip of the snap ring pliers with protective tape to prevent damage to the parts.

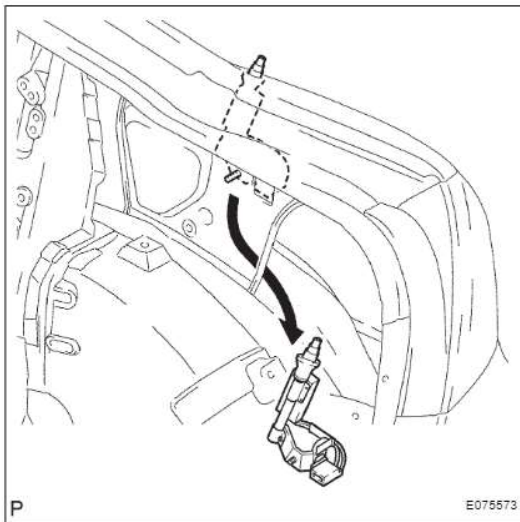
**AV**

AV-12**AUDIO / VISUAL – AMPLIFIER ANTENNA****18. REMOVE ANTENNA ORNAMENT**

- (a) Remove the antenna ornament.

**19. REMOVE AMPLIFIER ANTENNA ASSEMBLY**

- (a) Disconnect the connector.
(b) Remove the nut.



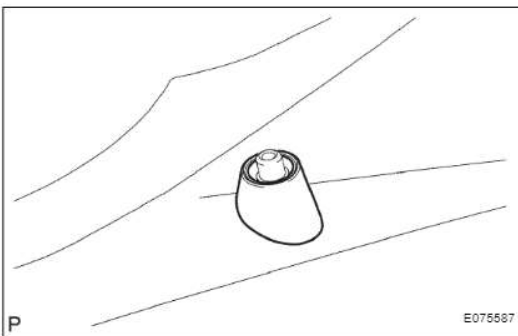
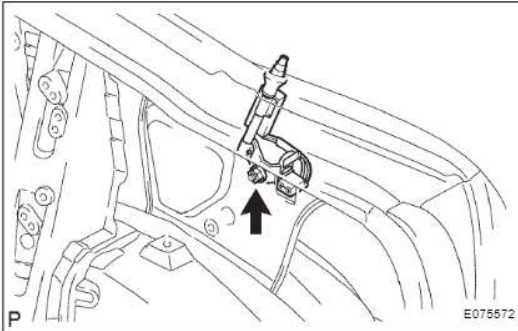
- (c) Remove the amplifier antenna in the direction shown by the arrow in the illustration.

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INSTALLATION

1. INSTALL AMPLIFIER ANTENNA ASSEMBLY

- (a) Install the amplifier antenna to its original position.
- (b) Install the nut.
- (c) Connect the connector.



2. INSTALL ANTENNA ORNAMENT

- (a) Install the antenna ornament.

3. INSTALL ANTENNA NUT

- (a) Using snap ring pliers, install the antenna nut.

HINT:

Wrap the tip of the snap ring pliers with protective tape to prevent damage to the parts.

4. INSTALL ROOF ANTENNA POLE SUB-ASSEMBLY

5. INSTALL DECK TRIM SIDE PANEL ASSEMBLY RH (See page [IR-18](#))

6. INSTALL NO. 1 LUGGAGE COMPARTMENT TRIM HOOK

7. INSTALL NO. 1 SIDE TRIM ASSEMBLY RH (See page [IR-19](#))

8. INSTALL NO. 2 LUGGAGE COMPARTMENT TRIM HOOK

9. INSTALL FRONT DOOR SCUFF PLATE RH (See page [IP-22](#))

10. INSTALL REAR SEATBACK ASSEMBLY RH (See page [SE-18](#))

11. INSTALL REAR SEAT CUSHION ASSEMBLY (See page [SE-29](#))

12. INSTALL REAR NO. 1 FLOOR BOARD (See page [IR-20](#))

13. INSTALL ROPE HOOK

14. INSTALL DECK FLOOR BOX RH (See page [IR-20](#))

15. INSTALL DECK FLOOR BOX LH (See page [IR-20](#))

16. INSTALL BACK DOOR SCUFF PLATE (See page [IR-21](#))

17. INSTALL DECK BOARD SUB-ASSEMBLY

18. INSTALL TONNEAU COVER ASSEMBLY

AV

AV-14**AUDIO / VISUAL – AMPLIFIER ANTENNA**

19. CONNECT CABLE TO NEGATIVE BATTERY TERMINAL**20. PERFORM INITIALIZATION**

- (a) Perform initialization (see page [IN-23](#)).

NOTICE:

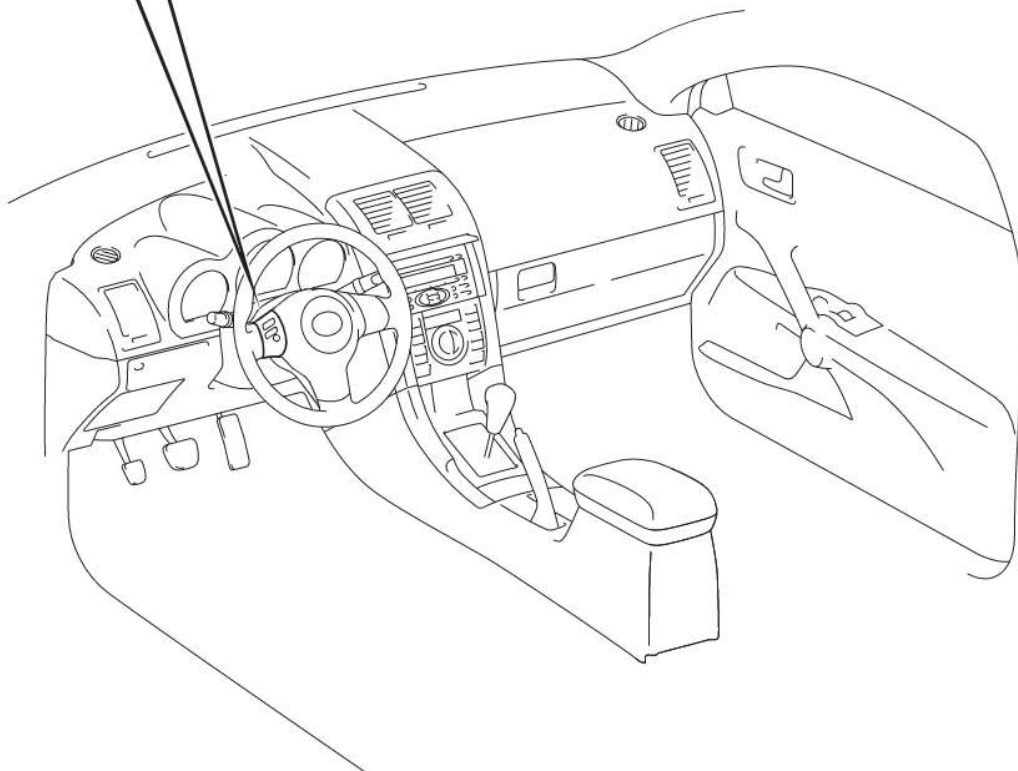
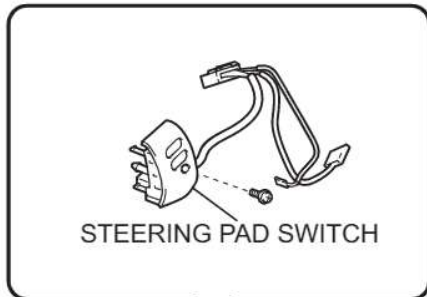
Certain systems need to be initialized after disconnecting and reconnecting the cable from the negative (-) battery terminal.

AV

AV-14

AUDIO / VISUAL – STEERING PAD SWITCH

STEERING PAD SWITCH COMPONENTS



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REMOVAL

1. DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL

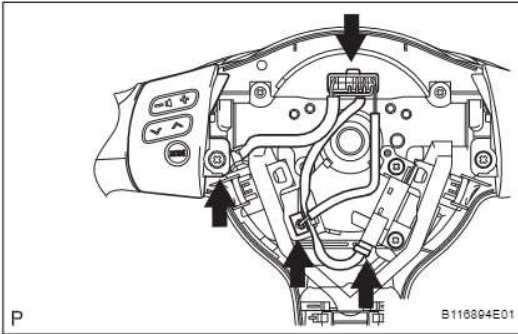
CAUTION:

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-345](#))

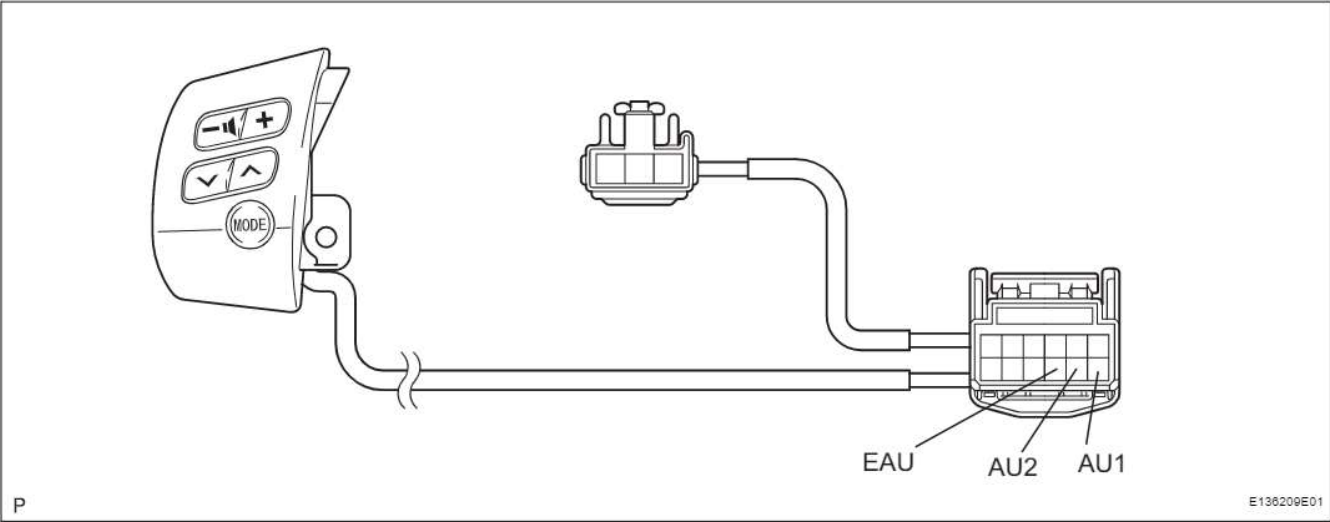
3. REMOVE STEERING PAD SWITCH

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



INSPECTION

1. INSPECT STEERING PAD SWITCH LH
- (a) Measure the resistance according to the values in the table below.



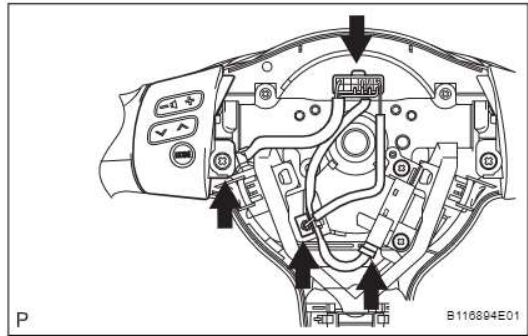
Standard resistance

Tester connection	Condition	Specified condition
AU1 - EAU	No switch is pushed	Approx. 100 kΩ
AU1 - EAU	SEEK+ switch: push	Approx. 0 Ω
AU1 - EAU	SEEK- switch: push	Approx. 0.3 kΩ
AU1 - EAU	VOL+ switch: push	Approx. 1 kΩ
AU1 - EAU	VOL- switch: push	Approx. 3.1 kΩ
AU2 - EAU	No switch is pushed	Approx. 100 kΩ
AU2 - EAU	MODE switch: push	Approx. 0 Ω

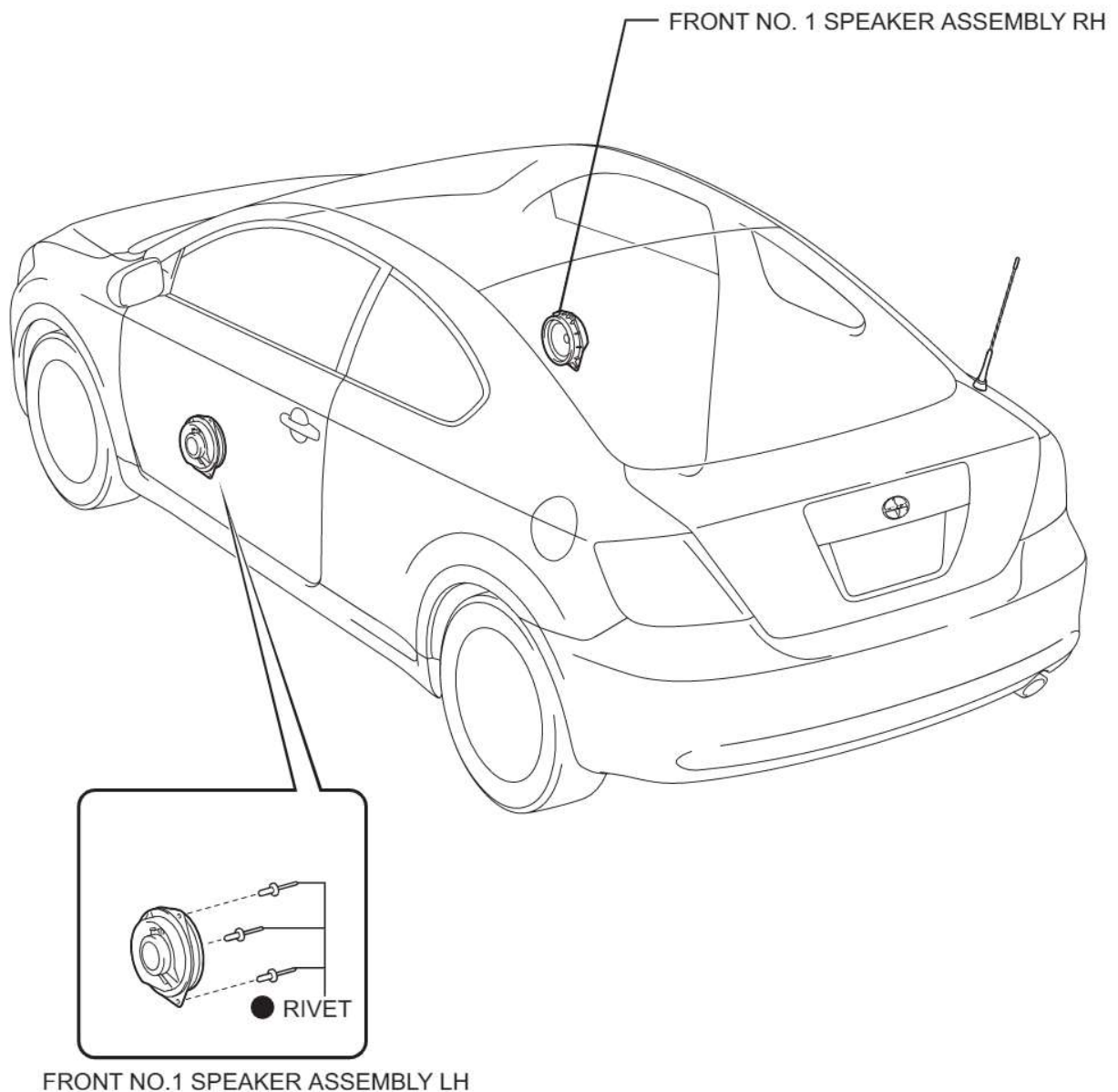
If the result is not as specified, replace the steering pad switch LH.

INSTALLATION

1. INSTALL STEERING PAD SWITCH
- (a) Install the steering pad switch.
- (b) Install the screw.
- (c) Connect all connectors.
2. INSTALL STEERING PAD ASSEMBLY (See page RS-346)
3. INSPECT STEERING PAD ASSEMBLY (See page RS-346)
4. CONNECT CABLE TO NEGATIVE BATTERY TERMINAL
5. PERFORM INITIALIZATION
- (a) Perform initialization (see page IN-23).
- NOTICE:
- Certain systems need to be initialized after disconnecting and reconnecting the cable from the negative (-) battery terminal.



FRONT NO. 1 SPEAKER COMPONENTS



AV

ON-VEHICLE INSPECTION

1. INSPECT FRONT NO. 1 SPEAKER

HINT:

Remove interior parts so that the front No. 1 speaker can be seen.

- (a) Check the speaker installation.

OK:

The speaker is securely installed.

If the result is not as specified, reinstall the front No. 1 speaker.

- (b) Visually check the speaker.

OK:

The cone paper of the speaker is not torn.

If the result is not as specified, replace the front No. 1 speaker.

- (c) Speaker resistance check

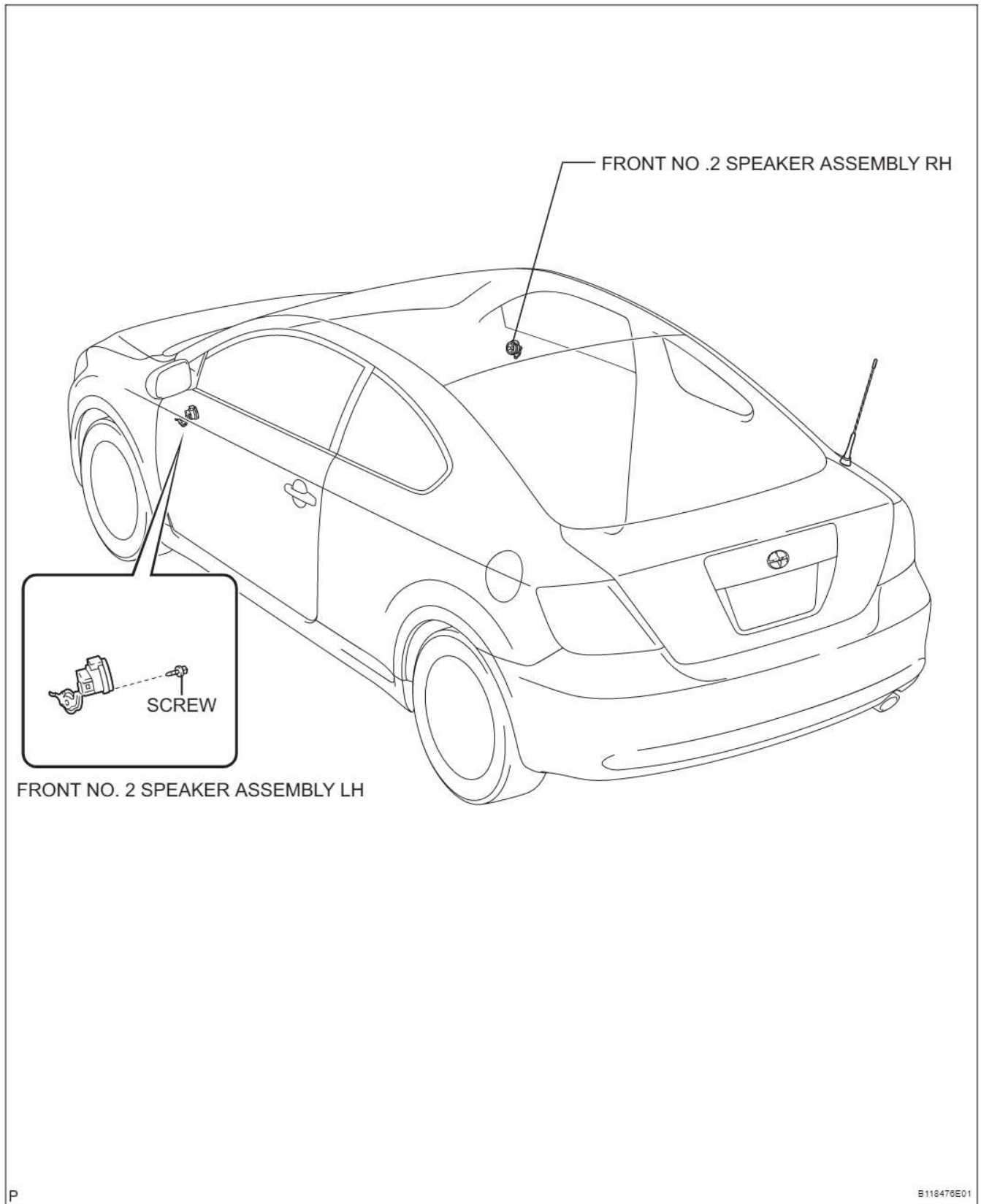
- (1) Disconnect the front No. 1 speaker connector.
- (2) Measure the resistance between the terminals of the speaker.

Standard resistance:

Approximately 4 Ω

If the result is not as specified, replace the front No. 1 speaker.

FRONT NO. 2 SPEAKER COMPONENTS



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AV-22

AUDIO / VISUAL – FRONT NO. 2 SPEAKER

ON-VEHICLE INSPECTION**1. INSPECT FRONT NO. 2 SPEAKER****HINT:**

Remove interior parts so that the front No. 2 speaker can be seen.

- (a) Check the speaker installation.

OK:

The speaker is securely installed.

If the result is not as specified, reinstall the front No. 2 speaker.

- (b) Visually check the speaker.

OK:

The cone paper of the speaker is not torn.

If the result is not as specified, replace the 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.

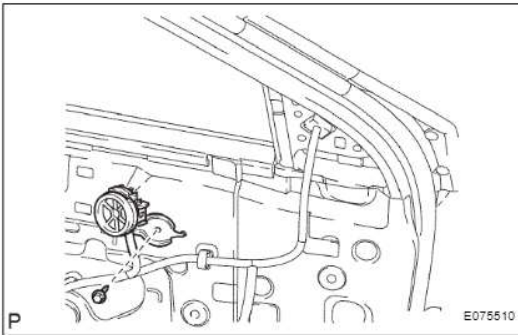
2. REMOVE FRONT DOOR LOWER FRAME BRACKET GARNISH LH (See page [ED-8](#))

3. REMOVE ASSIST GRIP COVER LH (See page [ED-8](#))

4. REMOVE FRONT DOOR TRIM BOARD SUB-ASSEMBLY LH (See page [ED-9](#))

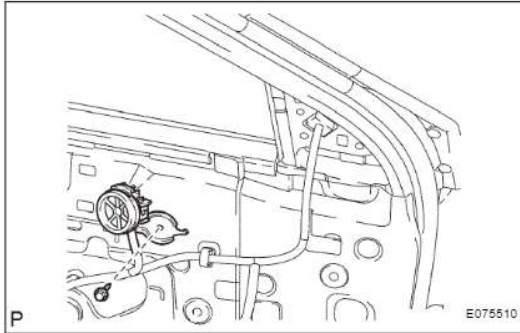
5. REMOVE FRONT NO. 2 SPEAKER ASSEMBLY LH

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



AV-24**AUDIO / VISUAL – FRONT NO. 2 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 .2 SPEAKER ASSEMBLY LH**
 - (a) Install the speaker with the screw.
 - (b) Connect the connector
2. **INSTALL FRONT DOOR TRIM BOARD SUB-ASSEMBLY LH** (See page [ED-19](#))
3. **INSTALL ASSIST GRIP COVER LH** (See page [ED-21](#))
4. **INSTALL FRONT DOOR LOWER FRAME BRACKET GARNISH LH** (See page [ED-21](#))
5. **CONNECT CABLE TO NEGATIVE BATTERY TERMINAL**
6. **PERFORM INITIALIZATION**
 - (a) Perform initialization (see page [IN-23](#)).

NOTICE:

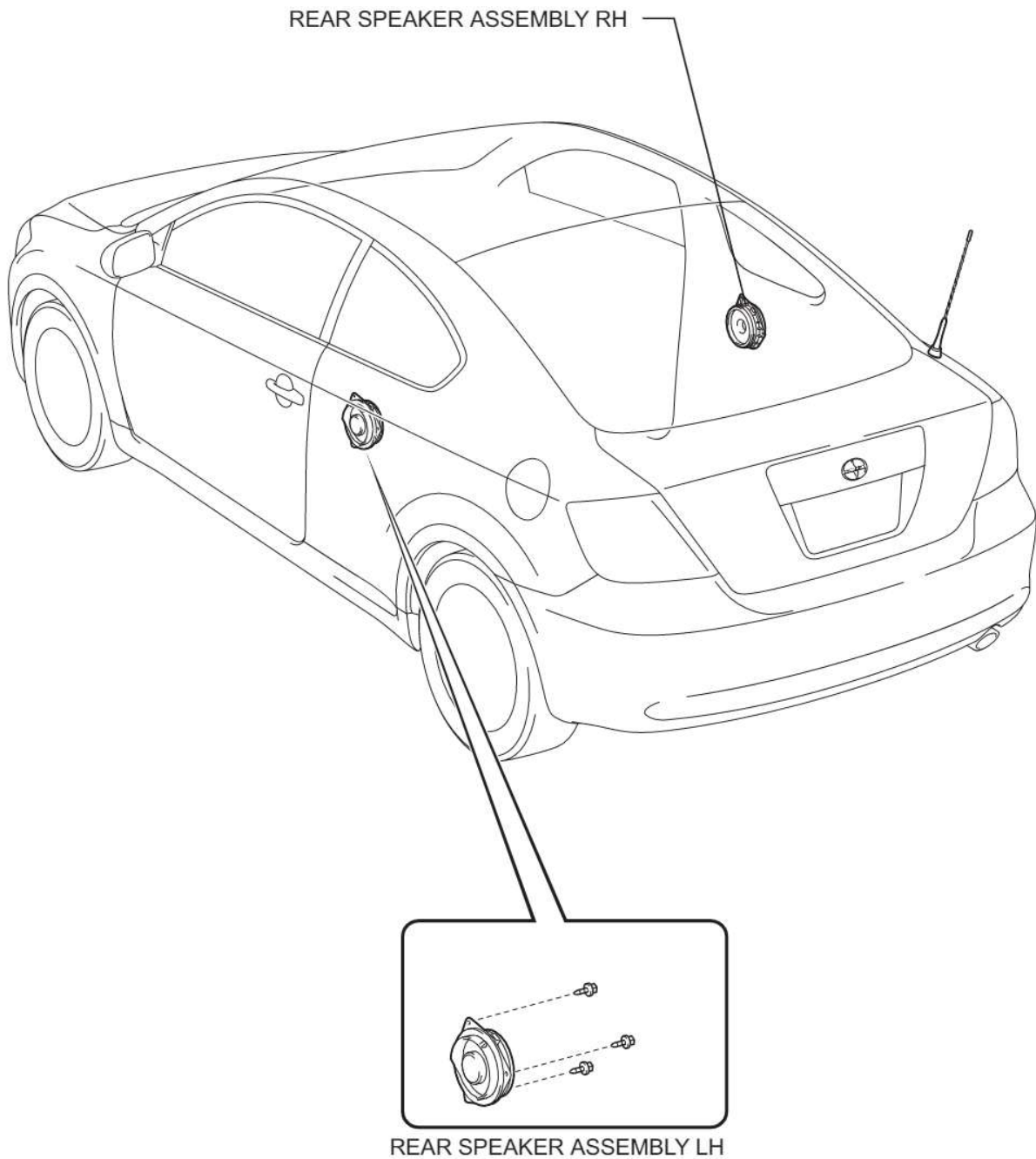
Certain systems need to be initialized after disconnecting and reconnecting the cable from the negative (-) battery terminal.

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AV-24

AUDIO / VISUAL – REAR SPEAKER

REAR SPEAKER COMPONENTS



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ON-VEHICLE INSPECTION

1. INSPECT REAR SPEAKER

HINT:

Remove interior parts so that the rear speaker can be seen.

- (a) Check the speaker installation.

OK:

The speaker is securely installed.

If the result is not as specified, reinstall the rear speaker.

- (b) Visually check the speaker.

OK:

The cone paper of the speaker is not torn.

If the result is not as specified, replace the rear speaker.

- (c) Speaker resistance check

- (1) Disconnect the rear speaker connector.

- (2) Measure the resistance between the terminals of the speaker.

Standard resistance:

Approximately 4 Ω

If the result is not as specified, replace the rear speaker.

AV

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 TONNEAU COVER ASSEMBLY

3. REMOVE BACK DOOR SCUFF PLATE (See page [IR-8](#))

4. REMOVE DECK FLOOR BOX LH (See page [IR-8](#))

5. REMOVE DECK FLOOR BOX RH (See page [IR-8](#))

6. REMOVE ROPE HOOK ASSEMBLY

7. REMOVE NO. 1 REAR FLOOR BOARD (See page [IR-9](#))

8. REMOVE REAR SEAT CUSHION ASSEMBLY (See page [SE-17](#))

9. REMOVE REAR SEATBACK ASSEMBLY LH (See page [SE-17](#))

10. REMOVE FRONT DOOR SCUFF PLATE LH (See page [IR-9](#))

11. REMOVE LUGGAGE NO. 1 COMPARTMENT TRIM HOOK

12. REMOVE SIDE NO. 1 TRIM ASSEMBLY LH (See page [IR-10](#))

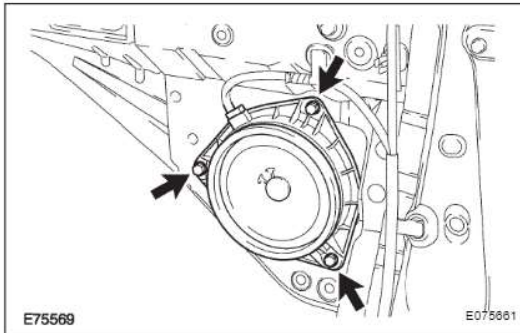
13. REMOVE REAR SPEAKER ASSEMBLY LH

- (a) Disconnect the connector.
- (b) Remove the 3 screws and rear 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 REAR SPEAKER ASSEMBLY LH**
 - (a) Install the rear speaker with the 3 screws.
 - (b) Connect the connector.
- 2. INSTALL SIDE NO. 1 TRIM ASSEMBLY LH** (See page [IR-19](#))
- 3. INSTALL LUGGAGE COMPARTMENT TRIM HOOK NO.1**
- 4. INSTALL FRONT DOOR SCUFF PLATE LH** (See page [IR-20](#))
- 5. INSTALL REAR SEATBACK ASSEMBLY LH** (See page [SE-28](#))
- 6. INSTALL REAR SEAT CUSHION ASSEMBLY** (See page [SE-29](#))
- 7. INSTALL NO. 1 REAR FLOOR BOARD** (See page [IR-20](#))
- 8. INSTALL ROPE HOOK ASSEMBLY**
- 9. INSTALL DECK FLOOR BOX RH** (See page [IR-20](#))
- 10. INSTALL DECK FLOOR BOX LH** (See page [IR-20](#))
- 11. INSTALL BACK DOOR SCUFF PLATE** (See page [IR-21](#))
- 12. INSTALL DECK BOARD SUB-ASSEMBLY**
- 13. INSTALL TONNEAU COVER ASSEMBLY**
- 14. CONNECT CABLE TO NEGATIVE BATTERY TERMINAL**
- 15. PERFORM INITIALIZATION**
 - (a) Perform initialization (see page [IN-23](#)).

NOTICE:

Certain systems need to be initialized after disconnecting and reconnecting the cable from the negative (-) battery terminal.