

RS

INSTALLATION

1. INSTALL FRONT PASSENGER SIDE KNEE AIRBAG ASSEMBLY

- (a) Check that the engine switch is off.
- (b) Check that the battery negative (-) cable is disconnected.

CAUTION:

Wait for 90 seconds after disconnecting the cable to prevent airbag deployment.

- (c) Connect the front passenger side knee airbag connector.

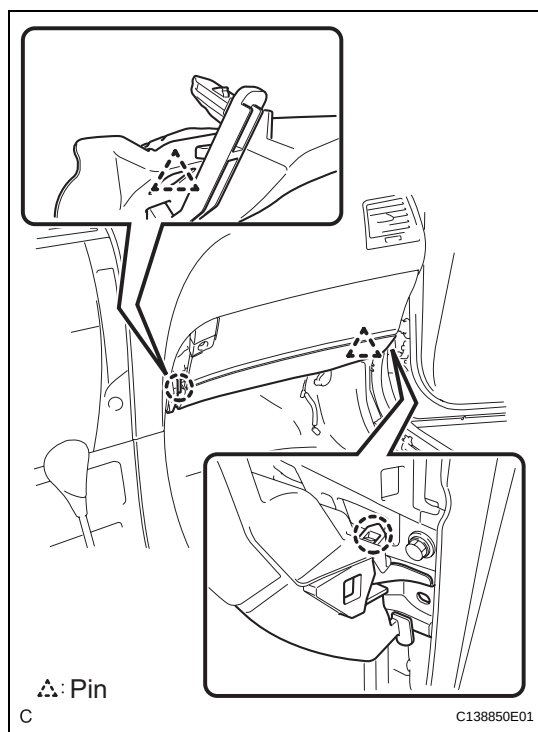
NOTICE:

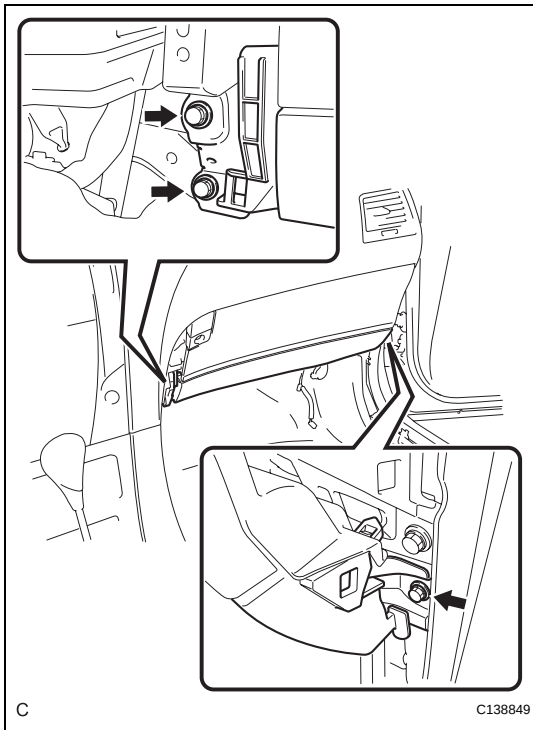
When handling the airbag connector, take care not to damage the airbag wire harness.

- (d) Engage the 2 claws and 2 pins.

HINT:

Make sure that the pins are securely installed in the front passenger side knee airbag assembly.





- (e) Install the front passenger side knee airbag assembly with the 3 bolts.

Torque: 10 N*m (102 kgf*cm, 7 ft.*lbf)

- 2. INSTALL NO. 2 INSTRUMENT PANEL UNDER COVER SUB-ASSEMBLY (See page [IP-44](#))**
- 3. INSTALL INSTRUMENT PANEL FINISH PANEL END RH (See page [IP-44](#))**
- 4. INSTALL SIDE INSTRUMENT PANEL RH (See page [IP-43](#))**
- 5. INSTALL FRONT DOOR OPENING TRIM COVER RH (See page [IR-65](#))**
- 6. INSTALL FRONT DOOR SCUFF PLATE RH (See page [IR-65](#))**
- 7. CONNECT CABLE TO NEGATIVE BATTERY TERMINAL**
- 8. PERFORM INITIALIZATION**
 - (a) Perform initialization (See page [IN-33](#)).

HINT:
Some systems need initialization after reconnecting the cable to the negative battery terminal.
- 9. INSPECT FRONT PASSENGER SIDE KNEE AIRBAG ASSEMBLY (See page [RS-395](#))**
- 10. INSPECT SRS WARNING LIGHT**
 - (a) Inspect the SRS warning light (See page [RS-37](#)).

DISPOSAL

HINT:

When scrapping a vehicle equipped with the SRS or disposing of the front passenger side knee airbag assembly, be sure to deploy the airbag first in accordance with the procedure described below. If any abnormality occurs with the airbag deployment, contact the SERVICE DEPT. of TOYOTA MOTOR SALES, U.S.A., INC.

CAUTION:

- **Never dispose of a front passenger side knee airbag assembly that has an undeployed airbag.**
- **The airbag produces an exploding sound when it is deployed, so perform the operation outdoors and where it will not create a nuisance to nearby residents.**
- **When deploying the airbag, always use the specified SST (SRS Airbag Deployment Tool). Perform the operation in a place away from electrical noise.**
- **When deploying the airbag, perform the operation at least 10 m (33 ft) away from the front passenger side knee airbag assembly.**
- **The front passenger side knee airbag assembly becomes extremely hot when the airbag is deployed, so do not touch it for at least 30 minutes after deployment.**
- **Use gloves and safety glasses when handling a front passenger side knee airbag assembly with a deployed airbag.**
- **Do not apply water, etc. to a front passenger side knee airbag assembly with a deployed airbag.**
- **Always wash your hands with water after completing the operation.**

1. DISPOSE OF FRONT PASSENGER SIDE KNEE AIRBAG ASSEMBLY (WHEN INSTALLED IN VEHICLE)

HINT:

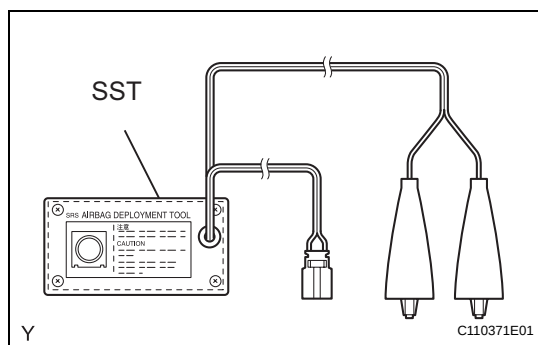
Prepare a battery as the power source to deploy the airbag.

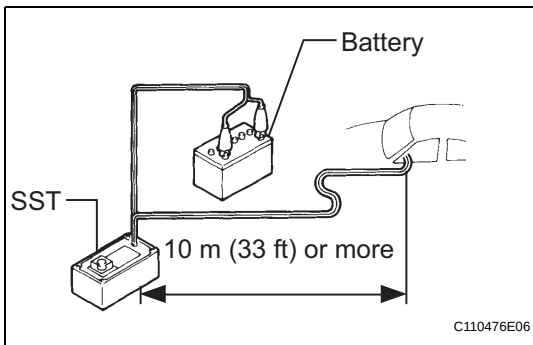
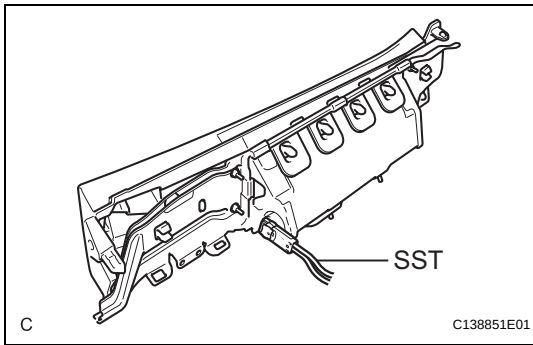
- (a) Check the function of the SST (see page [RS-370](#)).
- (b) Refer to PRECAUTION (see page [RS-1](#)).
- (c) Disconnect the cable from the negative battery terminal.

CAUTION:

Wait for 90 seconds after disconnecting the cable to prevent airbag deployment.

- (d) Remove the front passenger side knee airbag assembly (see page [RS-395](#)).





(e) Install the SST.

- (1) Connect the SST connector to the front passenger side knee airbag assembly.

SST 09082-00700, 09082-00770

NOTICE:

To avoid damaging the SST connector and wire harness, do not lock the secondary lock of the twin lock.

- (2) Install the front passenger side knee airbag assembly (see page [RS-396](#)).

NOTICE:

Take care not to damage the SST wire harness.

- (3) Move the SST at least 10 m (33 ft) away from the vehicle front side window.
- (4) Maintaining enough clearance for the SST wire harness in the front side window, close all doors and windows of the vehicle.

NOTICE:

Take care not to damage the SST wire harness.

- (5) Connect the red clip of the SST to the battery positive (+) terminal and the black clip of the SST to the battery negative (-) terminal.

(f) Deploy the airbag.

- (1) Check that no one is inside the vehicle or within a 10 m (33 ft) radius of the vehicle.
- (2) Press the SST activation switch and deploy the airbag.

CAUTION:

- When deploying the airbag, make sure that no one is near the vehicle.
- The front passenger side knee airbag assembly becomes extremely hot when the airbag is deployed, so do not touch it for at least 30 minutes after deployment.
- Use gloves and safety glasses when handling a front passenger side knee airbag assembly with a deployed airbag.
- Do not apply water, etc. to a front passenger side knee airbag assembly with a deployed airbag.
- Always wash your hands with water after completing the operation.

HINT:

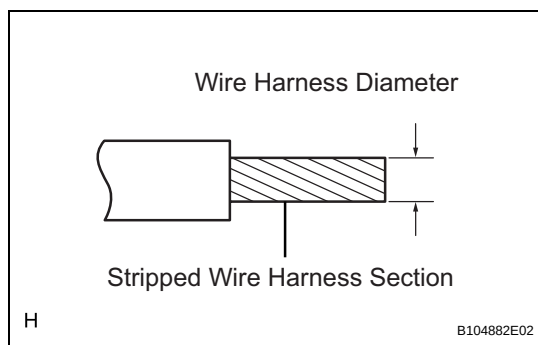
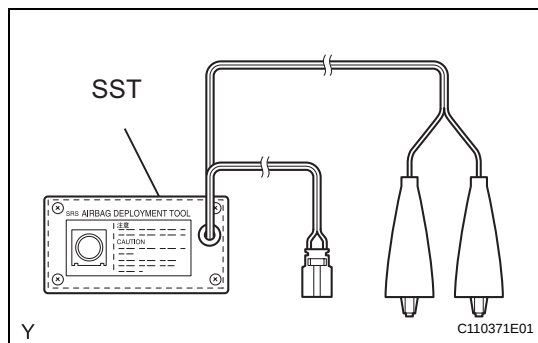
The airbag is deployed as the LED of the SST activation switch comes on.

2. **DISPOSE OF FRONT PASSENGER SIDE KNEE AIRBAG ASSEMBLY (WHEN NOT INSTALLED IN VEHICLE)**

NOTICE:

- When disposing of the front passenger side knee airbag assembly, never use the customer's vehicle to deploy the airbag.

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- **Be sure to follow the procedure detailed below when deploying the airbag.**

HINT:

Prepare a battery as the power source to deploy the airbag.

- (a) Check the function of the SST (see page RS-372).
- (b) Remove the front passenger side knee airbag assembly (see page RS-395).

CAUTION:

- **When removing the front passenger side knee airbag assembly, work must be started 90 seconds after the engine switch is turned off and the negative (-) terminal cable is disconnected from the battery.**
 - **When storing the front passenger side knee airbag assembly, keep the airbag deployment side facing upward.**
- (c) Using a service-purpose wire harness for the vehicle, tie down the front passenger side knee airbag assembly to the tire.

Wire harness:**Stripped wire harness section**

1.25 mm² or more (0.0019 in.² or more)

CAUTION:

If the wire harness is too thin or an alternative object is used to tie down the front passenger side knee airbag assembly, it may be snapped by the shock when the airbag is deployed.

Always use a wire harness for vehicle use with an area of at least 1.25 mm² (0.0019 in.²).

HINT:

To calculate the area of the stripped wire harness section:

$$\text{Area} = 3.14 \times (\text{Diameter})^2 \text{ divided by } 4$$

- (1) Position the front passenger side knee airbag assembly inside the tire with the airbag deployment side facing inside.

Tire size:

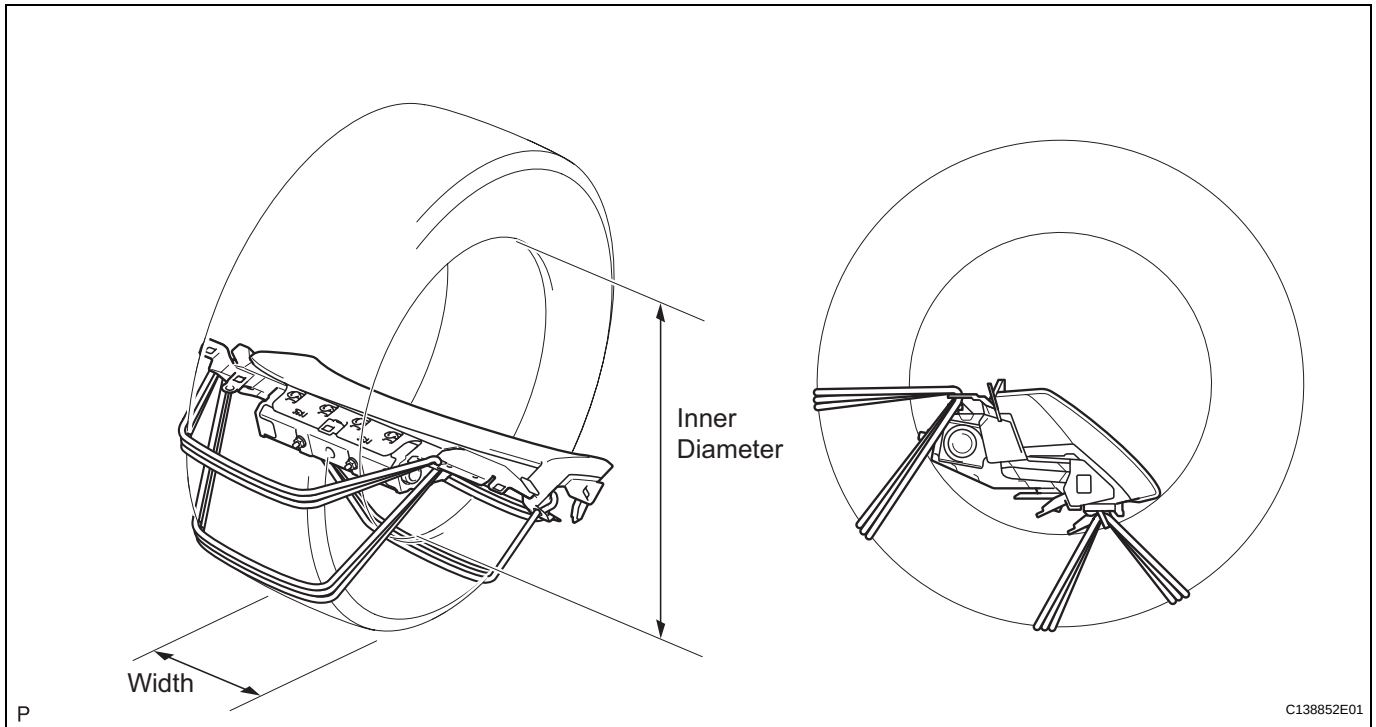
Must exceed the following dimensions

Width:

185 mm (7.28 in.)

Inner diameter:

360 mm (14.17 in.)



CAUTION:

- Make sure that the wire harness is tight. If there is slack in wire harness, the front passenger side knee airbag assembly may become loose due to the shock when the airbag is deployed.
- Always tie down the front passenger side knee airbag assembly with the airbag deployment side facing inside the tire.

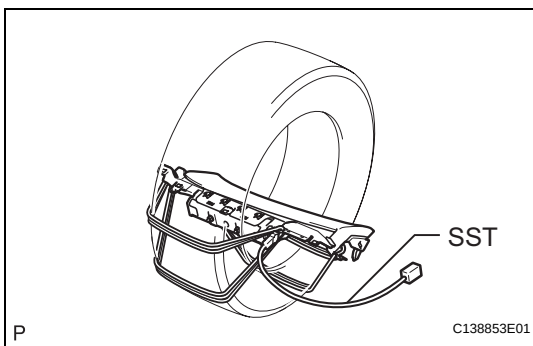
NOTICE:

The tire may be damaged by the airbag deployment, so use an extra tire.

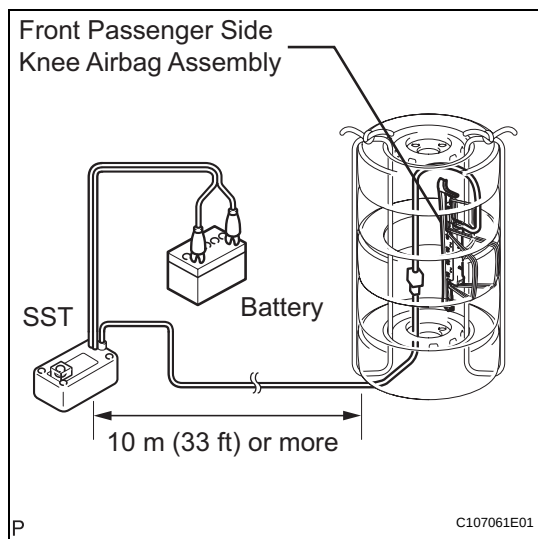
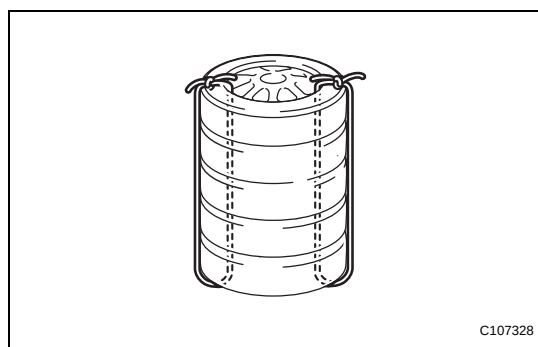
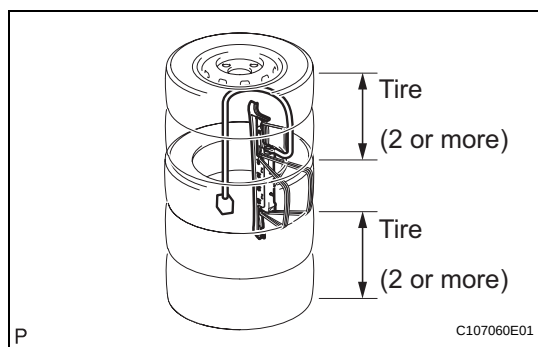
(d) Install the SST.

- (1) Connect the SST connector to the front passenger side knee airbag assembly.

SST 09082-00770



RS



(e) Place the tires.

- (1) Place at least 2 tires under the tire which the front passenger side knee airbag assembly is tied to.
- (2) Place at least 2 tires over the tire which the front passenger side knee airbag assembly is tied to. The top tire should have the disc wheel installed.

NOTICE:

- The tire may be damaged by the airbag deployment, so use an extra tire.
- Do not place the SST connector under the tire because it could be damaged.

- (3) Tie the tires together with 2 wire harnesses.

CAUTION:

Make sure that the wire harness is tight. Looseness in the wire harness results in the tires coming free due to the shock when the airbag is deployed.

(f) Install the SST.

- (1) Connect the SST connector.

SST 09082-00700

NOTICE:

To avoid damaging the SST connector and wire harness, do not lock the secondary lock of the twin lock. Also, secure some slack for the SST wire harness inside the tire.

- (2) Move the SST at least 10 m (33 ft) away from the airbag tied down to the tire.

(g) Deploy the airbag.

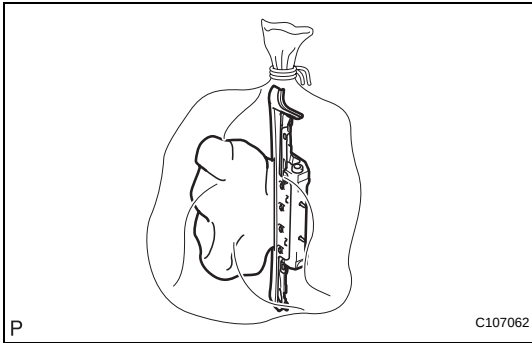
- (1) Connect the red clip of the SST to the battery positive (+) terminal and the black clip of the SST to the battery negative (-) terminal.
- (2) Check that no one is within a 10 m (33 ft) radius of the tire which the front passenger side knee airbag assembly is tied to.
- (3) Press the SST activation switch and deploy the airbag.

CAUTION:

When deploying the airbag, make sure that no one is near the tire.

HINT:

The airbag is deployed as the LED of the SST activation switch comes on.



- (h) Dispose of the front passenger side knee airbag assembly.

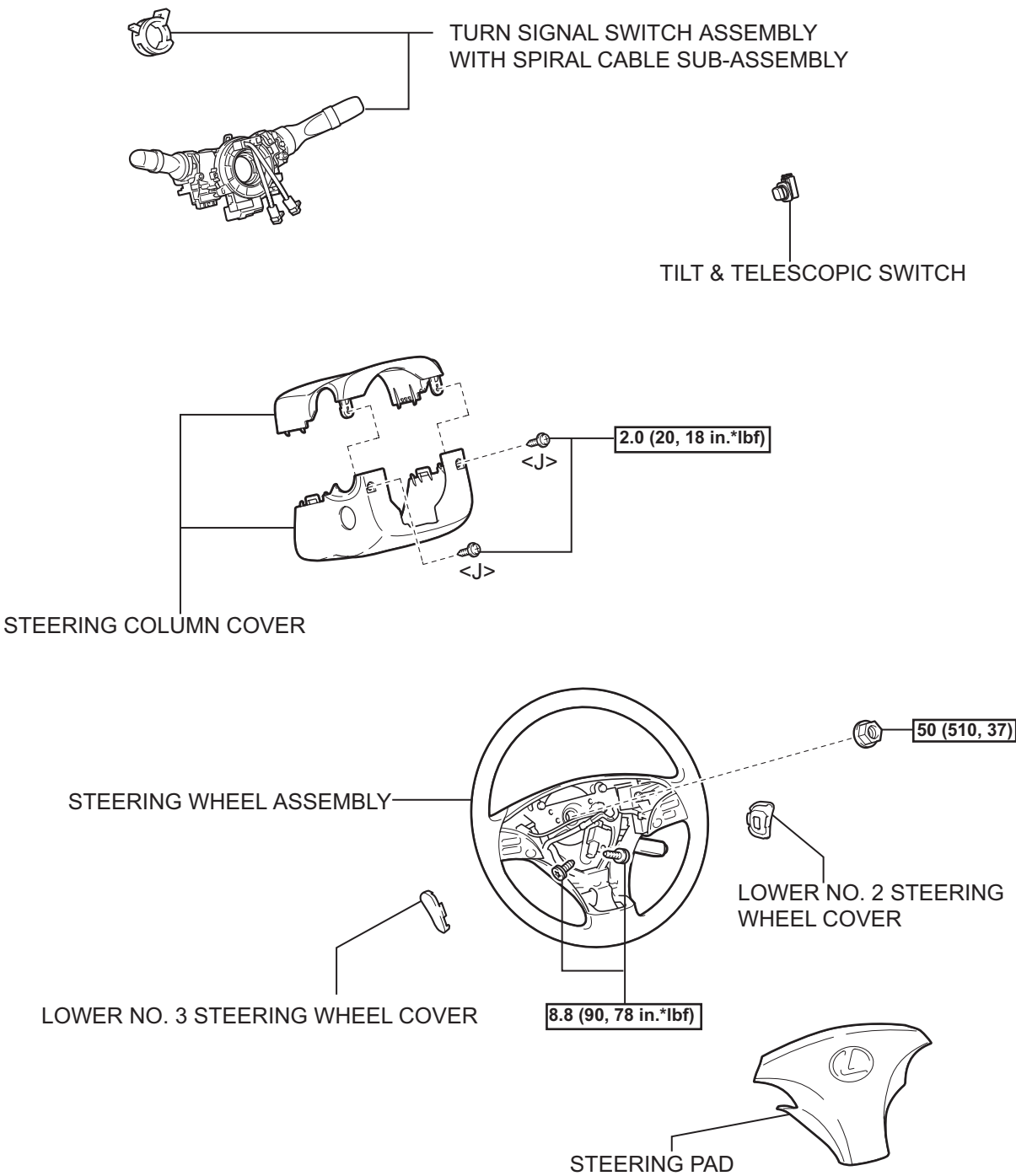
CAUTION:

- The front passenger side knee airbag assembly becomes extremely hot when the airbag is deployed, so do not touch it for at least 30 minutes after deployment.
 - Use gloves and safety glasses when handling a front passenger side knee airbag assembly with a deployed airbag.
 - Do not apply water, etc. to a front passenger side knee airbag assembly with a deployed airbag.
 - Always wash your hands with water after completing the operation.
- (1) Remove the front passenger side knee airbag assembly from the tire.
 - (2) Place the front passenger side knee airbag assembly in a plastic bag, tie it tightly and dispose of it as other general part disposal.

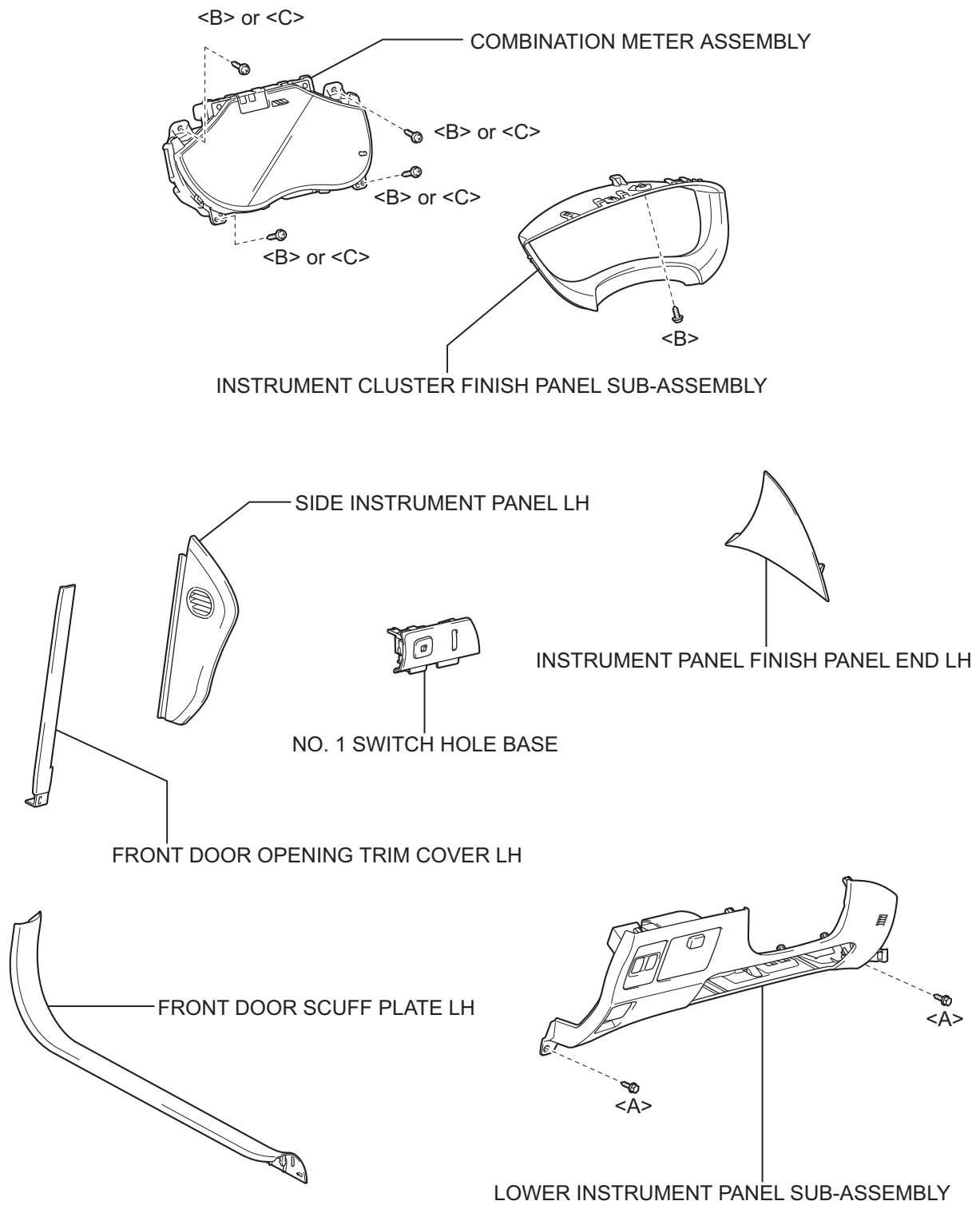
FRONT PASSENGER AIRBAG ASSEMBLY

COMPONENTS

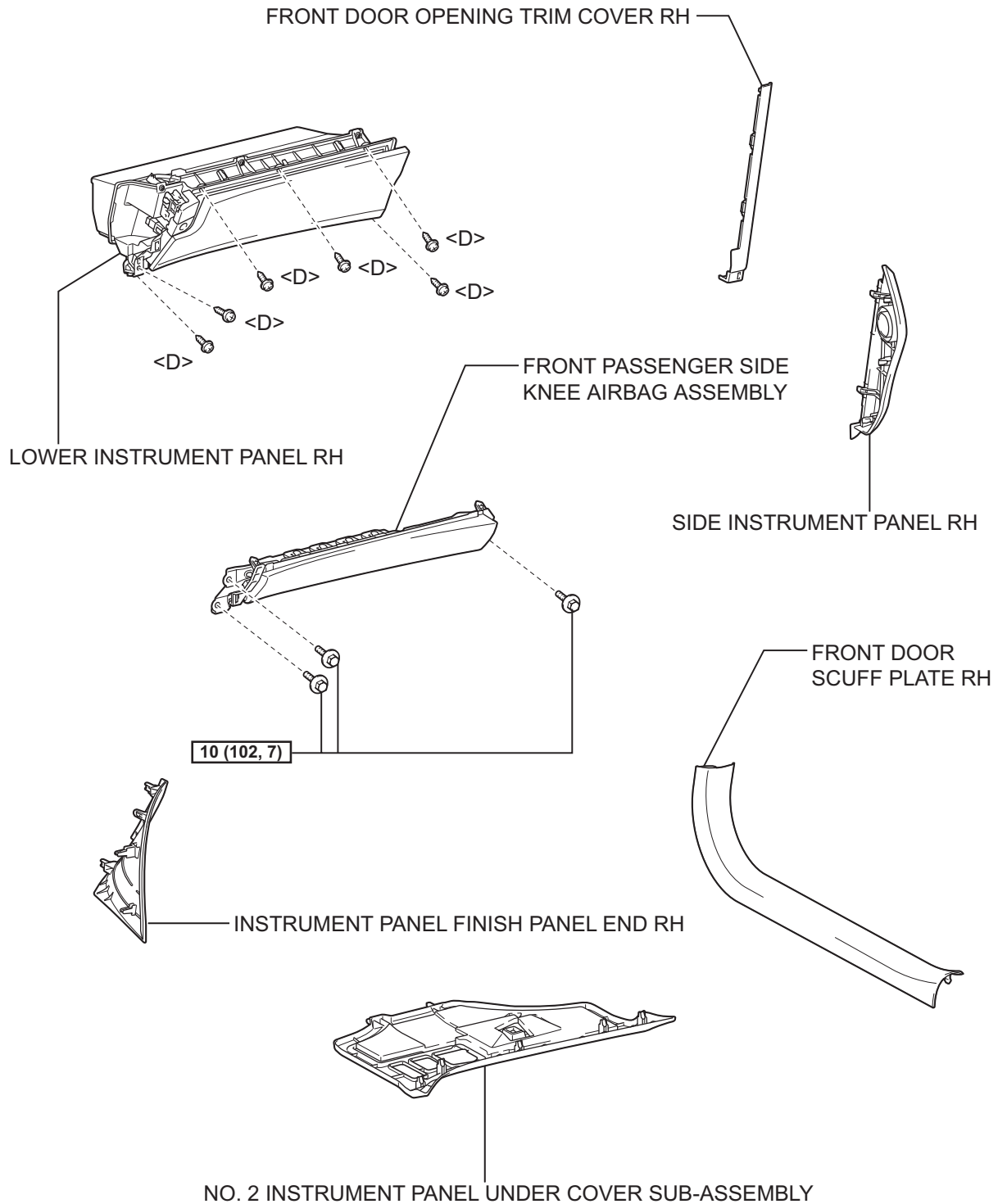
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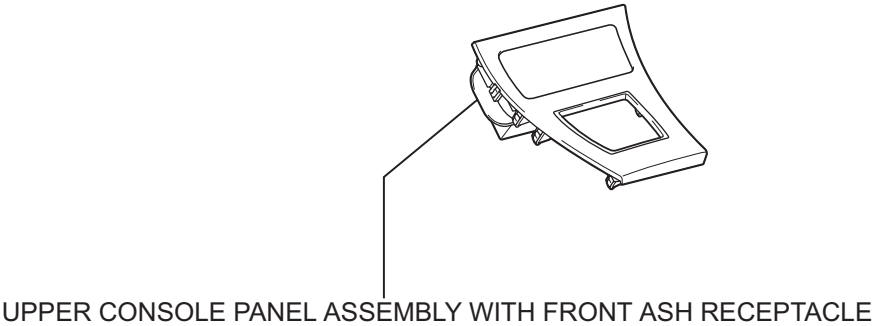
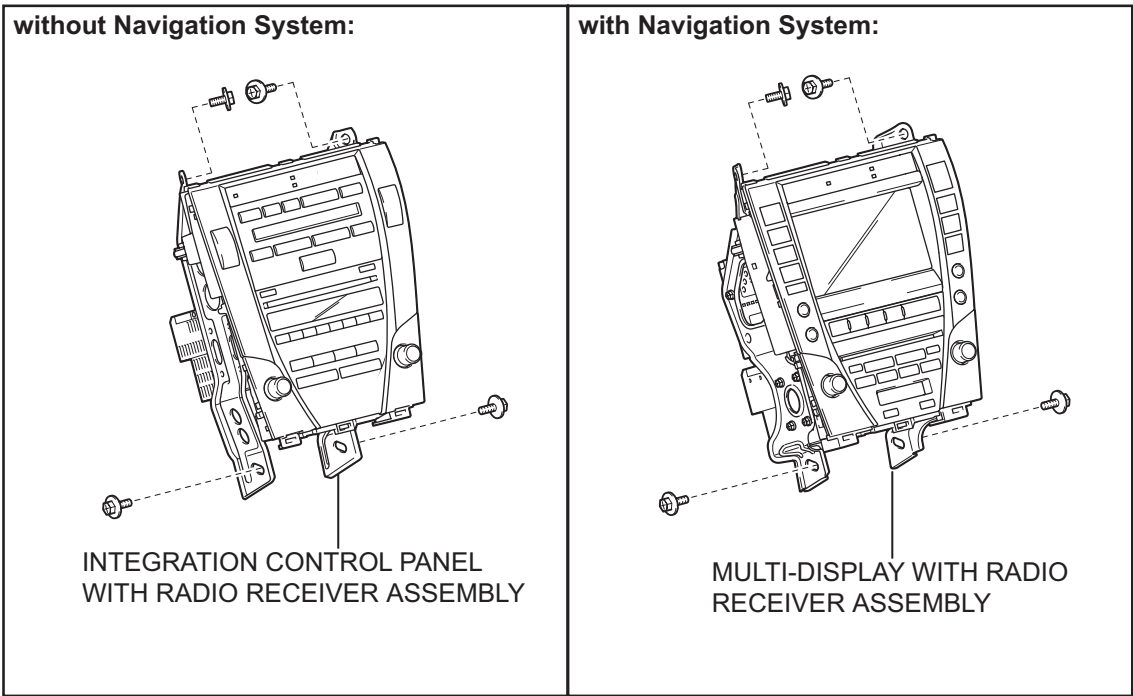
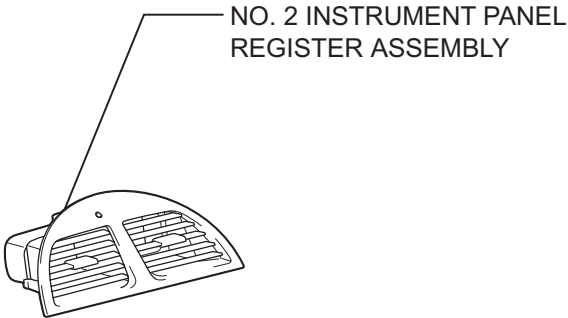
N*m (kgf*cm, ft.*lbf) : Specified torque



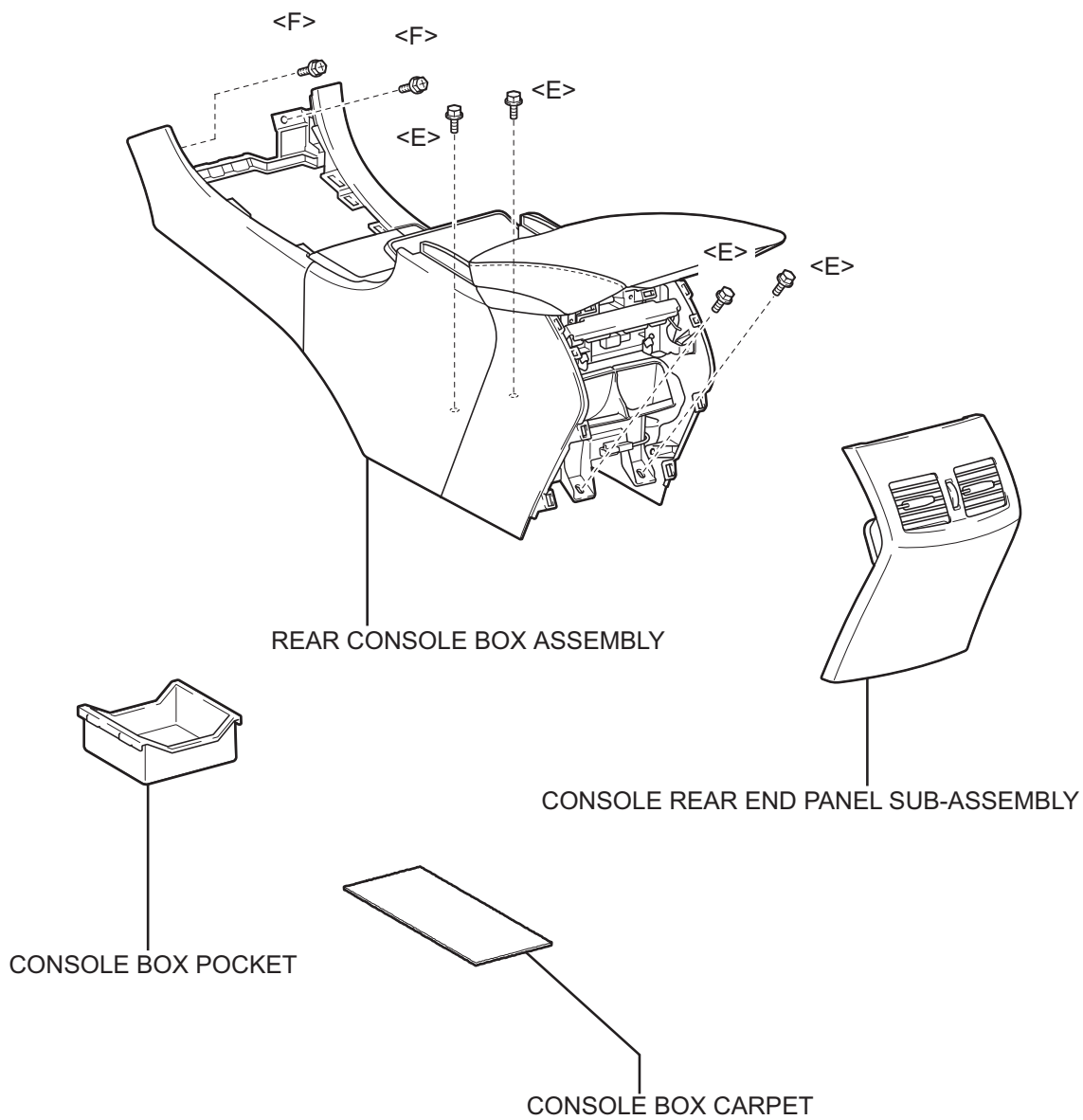
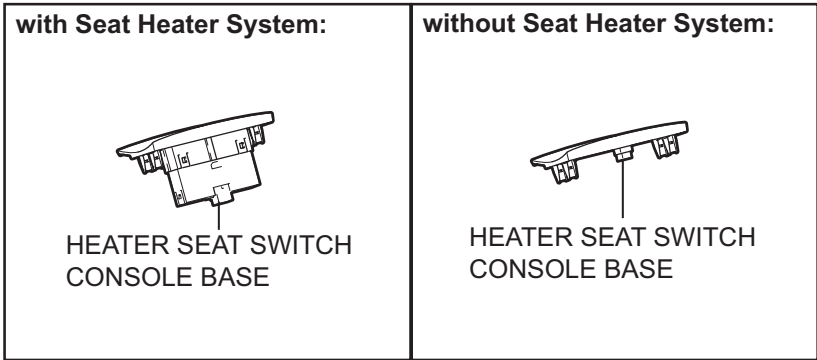
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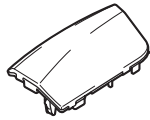
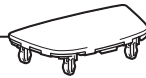
$\boxed{\text{N*m (kgf*cm, ft.*lbf)}}$: Specified torque



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NO. 1 SPEAKER HOLE COVER

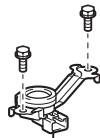


NO. 1 INSTRUMENT PANEL SPEAKER
PANEL SUB-ASSEMBLY



NO. 2 INSTRUMENT PANEL
SPEAKER PANEL SUB-ASSEMBLY

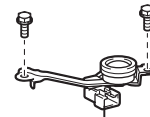
without Rear Header Speaker:



FRONT NO. 2 SPEAKER
ASSEMBLY

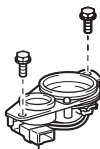


FRONT STEREO COMPONENT
SPEAKER ASSEMBLY



FRONT NO. 2 SPEAKER
ASSEMBLY

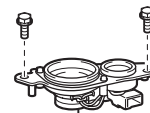
with Rear Header Speaker:



FRONT NO. 2 SPEAKER
ASSEMBLY

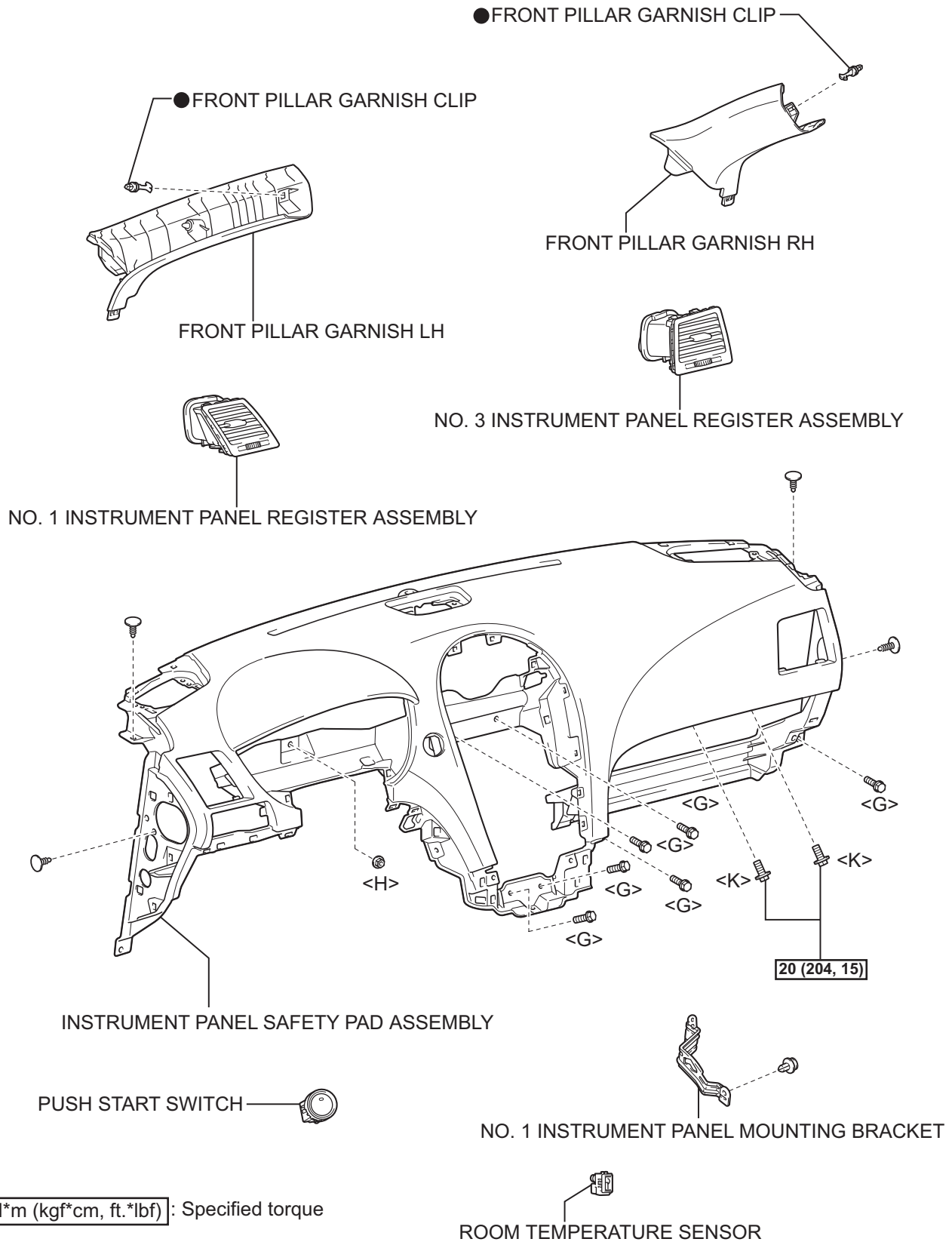


FRONT STEREO COMPONENT
SPEAKER ASSEMBLY

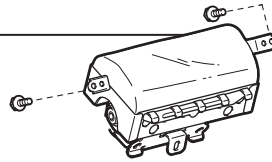


FRONT NO. 2 SPEAKER
ASSEMBLY

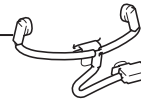
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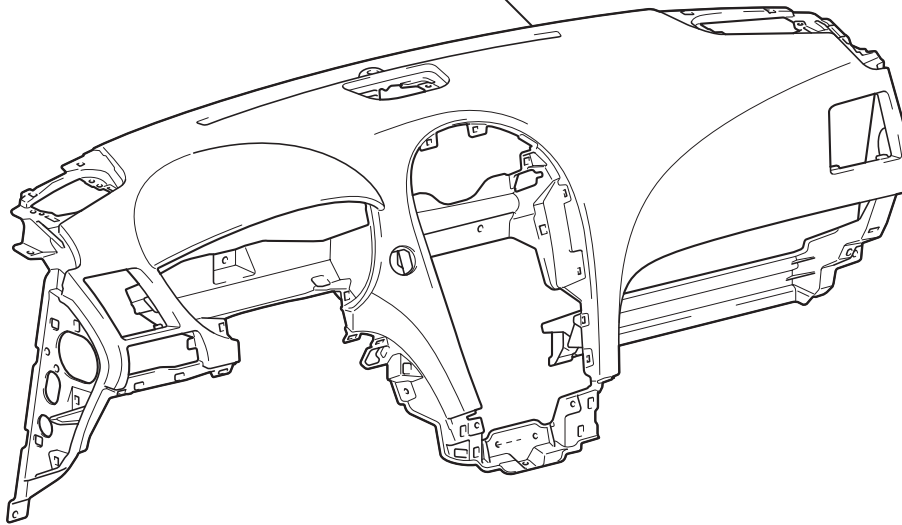
FRONT PASSENGER AIRBAG ASSEMBLY



INSTRUMENT PANEL WIRE ASSEMBLY



INSTRUMENT PANEL
SAFETY PAD ASSEMBLY

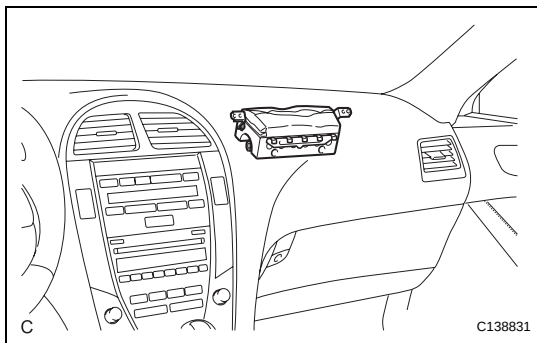


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ON-VEHICLE INSPECTION

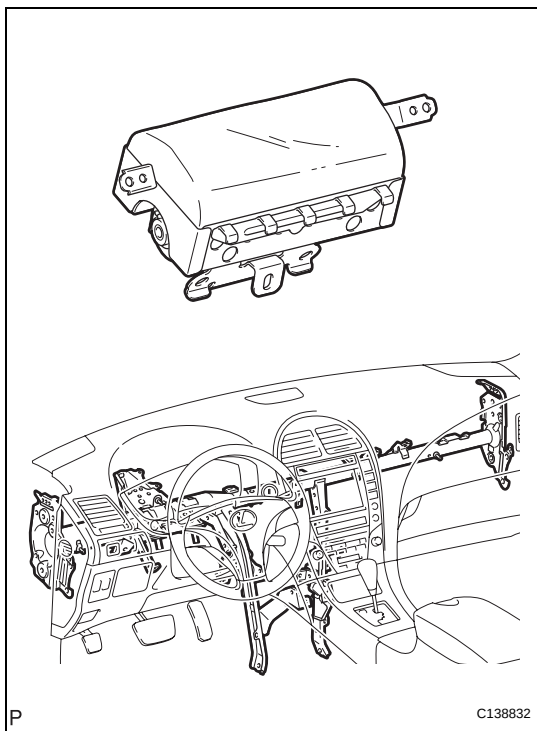
1. INSPECT FRONT PASSENGER AIRBAG ASSEMBLY (VEHICLE NOT INVOLVED IN COLLISION)

- (a) Perform a diagnostic system check (See page [RS-37](#)).
- (b) With the front passenger airbag assembly installed on the vehicle, perform a visual check. If there are any defects as mentioned below, replace the instrument panel with a new one:
Cuts, minute cracks or marked discoloration on the instrument panel around the front passenger airbag assembly.



2. INSPECT FRONT PASSENGER AIRBAG ASSEMBLY (VEHICLE INVOLVED IN COLLISION AND AIRBAG HAS NOT DEPLOYED)

- (a) Perform a diagnostic system check (See page [RS-37](#)).
- (b) With the front passenger airbag assembly removed from the vehicle, perform a visual check. If there are any defects as mentioned below, replace the front passenger airbag assembly, instrument panel or instrument panel reinforcement with a new one:
 - Cuts, minute cracks or marked discoloration on the front passenger airbag assembly.
 - Cracks or other damage to the connectors.
 - Deformation or cracks on the instrument panel or instrument panel reinforcement.



CAUTION:

Be sure to follow the correct removal and installation procedures.

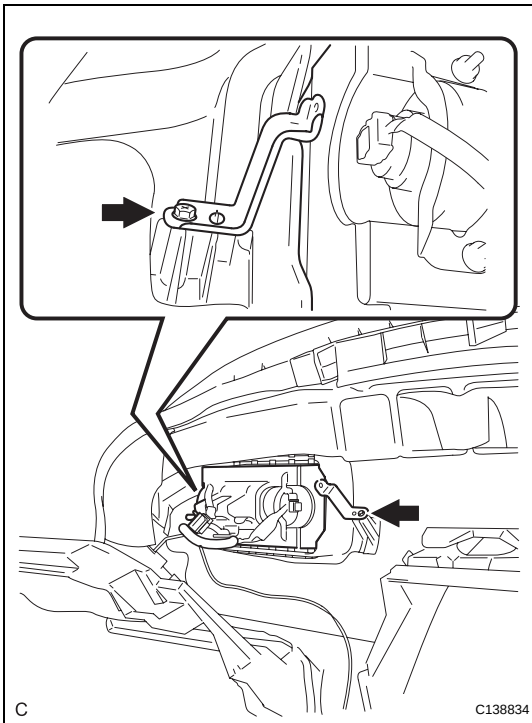
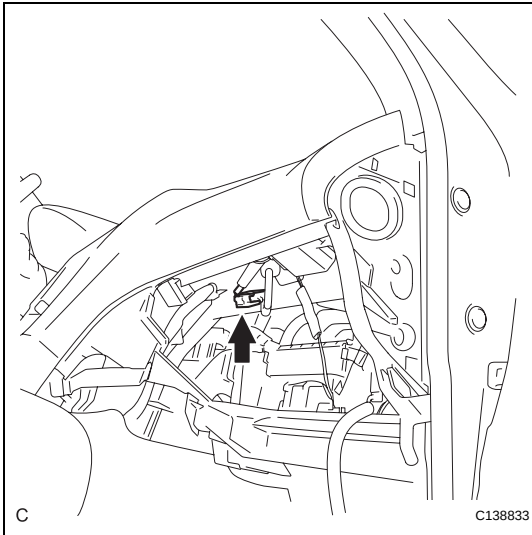
REMOVAL

1. **PRECAUTION**
CAUTION:
Be sure to read "PRECAUTION" thoroughly before servicing (See page [RS-1](#)).
2. **ALIGN FRONT WHEELS FACING STRAIGHT AHEAD**
3. **DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL**
CAUTION:
Wait for 90 seconds after disconnecting the cable to prevent airbag deployment.
4. **REMOVE LOWER NO. 3 STEERING WHEEL COVER**
(See page [RS-367](#))
5. **REMOVE LOWER NO. 2 STEERING WHEEL COVER**
(See page [RS-367](#))
6. **REMOVE STEERING PAD** (See page [RS-367](#))
7. **REMOVE STEERING WHEEL ASSEMBLY** (See page [SR-80](#))
8. **REMOVE FRONT DOOR SCUFF PLATE LH** (See page [IR-39](#))
9. **REMOVE FRONT DOOR OPENING TRIM COVER LH**
(See page [IR-39](#))
10. **REMOVE SIDE INSTRUMENT PANEL LH** (See page [IP-12](#))
11. **REMOVE INSTRUMENT PANEL FINISH PANEL END LH** (See page [IP-13](#))
12. **REMOVE LOWER INSTRUMENT PANEL SUB-ASSEMBLY** (See page [IP-13](#))
13. **REMOVE STEERING COLUMN COVER** (See page [SR-80](#))
14. **REMOVE TILT & TELESCOPIC SWITCH** (See page [SR-80](#))
15. **REMOVE TURN SIGNAL SWITCH ASSEMBLY WITH SPIRAL CABLE SUB-ASSEMBLY** (See page [SR-80](#))
16. **REMOVE INSTRUMENT CLUSTER FINISH PANEL SUB-ASSEMBLY** (See page [IP-14](#))
17. **REMOVE COMBINATION METER ASSEMBLY** (See page [IP-14](#))
18. **REMOVE NO. 1 SWITCH HOLE BASE** (See page [IP-14](#))
19. **REMOVE INSTRUMENT PANEL FINISH PANEL END RH** (See page [IP-15](#))
20. **REMOVE FRONT DOOR SCUFF PLATE RH** (See page [IR-42](#))

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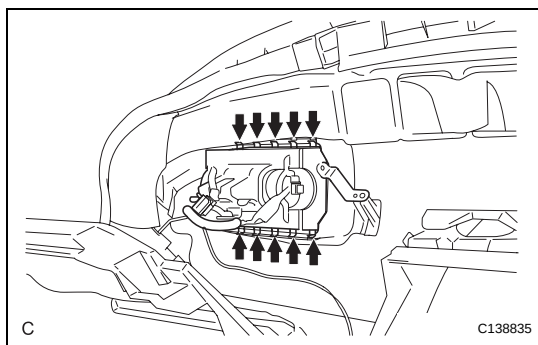
21. REMOVE FRONT DOOR OPENING TRIM COVER RH (See page [IR-42](#))
22. REMOVE NO. 2 INSTRUMENT PANEL UNDER COVER SUB-ASSEMBLY (See page [IP-15](#))
23. REMOVE SIDE INSTRUMENT PANEL RH (See page [IP-15](#))
24. REMOVE FRONT PASSENGER SIDE KNEE AIRBAG ASSEMBLY (See page [RS-396](#))
25. REMOVE LOWER INSTRUMENT PANEL RH (See page [IP-16](#))
26. REMOVE SHIFT LEVER KNOB SUB-ASSEMBLY (See page [IP-16](#))
27. REMOVE UPPER CONSOLE PANEL ASSEMBLY WITH FRONT ASH RECEPTACLE (See page [IP-16](#))
28. REMOVE NO. 2 INSTRUMENT PANEL REGISTER ASSEMBLY (See page [IP-17](#))
29. REMOVE INTEGRATION CONTROL PANEL WITH RADIO RECEIVER ASSEMBLY (w/o Navigation System) (See page [AV-168](#))
30. REMOVE MULTI-DISPLAY WITH RADIO RECEIVER ASSEMBLY (w/ Navigation System) (See page [AV-170](#))
31. REMOVE HEATER SEAT SWITCH CONSOLE BASE (w/o Seat Heater System) (See page [IP-17](#))
32. REMOVE HEATER SEAT SWITCH CONSOLE BASE (w/ Seat Heater System) (See page [IP-18](#))
33. REMOVE CONSOLE BOX POCKET (See page [IP-18](#))
34. REMOVE CONSOLE BOX CARPET (See page [IP-18](#))
35. REMOVE CONSOLE REAR END PANEL SUB-ASSEMBLY (See page [IP-19](#))
36. REMOVE REAR CONSOLE BOX ASSEMBLY (See page [IP-19](#))
37. REMOVE FRONT PILLAR GARNISH LH (See page [IR-39](#))
38. REMOVE NO. 1 INSTRUMENT PANEL SPEAKER PANEL SUB-ASSEMBLY (See page [IP-20](#))
39. REMOVE FRONT NO. 2 SPEAKER ASSEMBLY (for LH Side) (See page [AV-184](#))
40. REMOVE NO. 1 INSTRUMENT PANEL REGISTER ASSEMBLY (See page [IP-20](#))
41. REMOVE FRONT PILLAR GARNISH RH (See page [IR-42](#))
42. REMOVE NO. 2 INSTRUMENT PANEL SPEAKER PANEL SUB-ASSEMBLY (See page [IP-21](#))

43. REMOVE FRONT NO. 2 SPEAKER ASSEMBLY (for RH Side) (See page [IP-21](#))
44. REMOVE NO. 3 INSTRUMENT PANEL REGISTER ASSEMBLY (See page [IP-21](#))
45. REMOVE NO. 1 SPEAKER HOLE COVER (See page [IP-21](#))
46. REMOVE FRONT STEREO COMPONENT SPEAKER ASSEMBLY (See page [AV-188](#))
47. REMOVE NO. 1 INSTRUMENT PANEL MOUNTING BRACKET (See page [IP-22](#))
48. REMOVE PUSH START SWITCH (See page [IP-22](#))
49. DISCONNECT INSTRUMENT PANEL WIRE ASSEMBLY
 - (a) Disconnect the instrument panel wire connector.
50. REMOVE ROOM TEMPERATURE SENSOR (See page [AC-214](#))
51. REMOVE INSTRUMENT PANEL SAFETY PAD ASSEMBLY (w/o DVD Player) (See page [IP-22](#))
52. REMOVE INSTRUMENT PANEL SAFETY PAD ASSEMBLY (w/ DVD Player) (See page [IP-24](#))

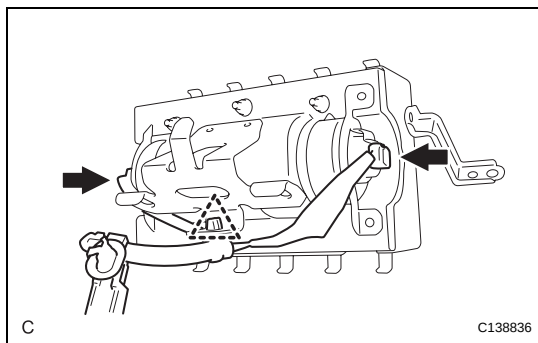


53. REMOVE FRONT PASSENGER AIRBAG ASSEMBLY
 - (a) Remove the 2 screws.

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- (b) Disengage the 10 hooks and remove the front passenger airbag assembly from the instrument panel.

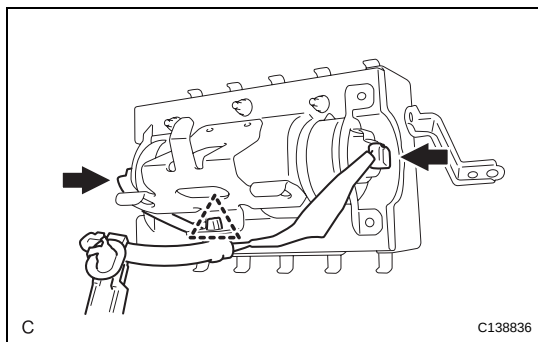


54. REMOVE INSTRUMENT PANEL WIRE ASSEMBLY

- (a) Disconnect the 2 connectors.
 (b) Remove the clamp and the instrument panel wire assembly from the front passenger airbag assembly.

NOTICE:

When handling the airbag connector, take care not to damage the airbag wire harness.



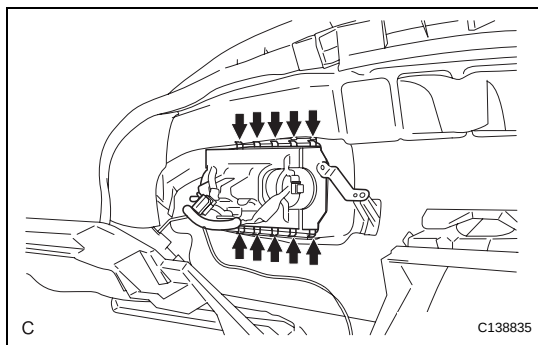
INSTALLATION

1. INSTALL INSTRUMENT PANEL WIRE ASSEMBLY

- (a) Connect the 2 connectors.
 (b) Install the clamp and the instrument panel wire assembly on the front passenger airbag assembly.

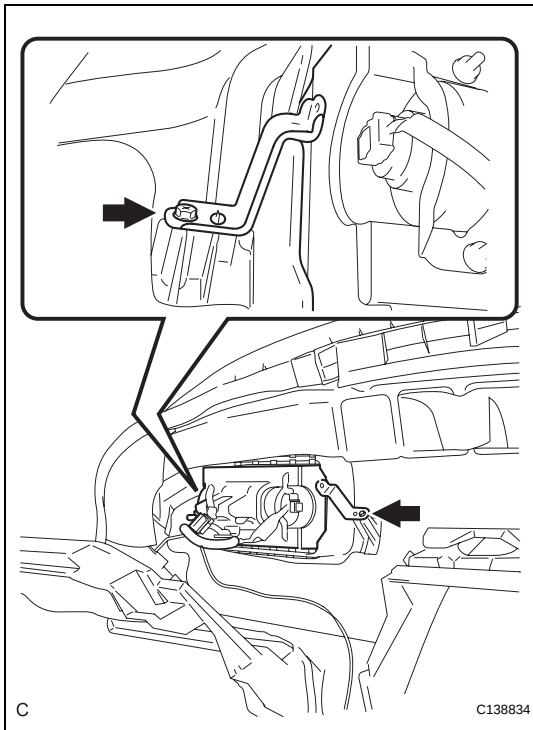
NOTICE:

When handling the airbag connector, take care not to damage the airbag wire harness.



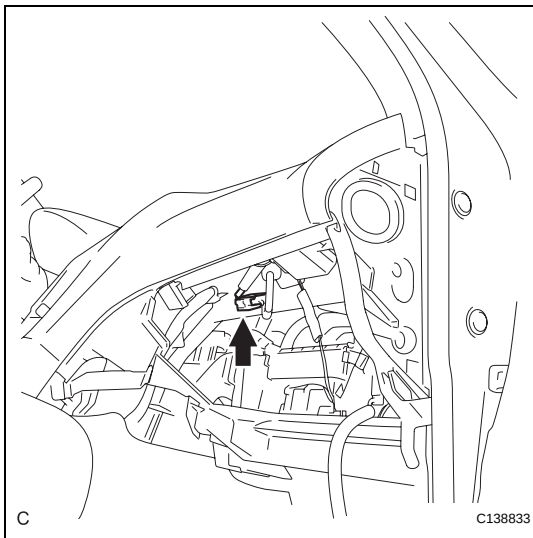
2. INSTALL FRONT PASSENGER AIRBAG ASSEMBLY

- (a) Engage the 10 hooks and install the front passenger airbag assembly on the instrument panel.



(b) Install the 2 screws.

3. **INSTALL INSTRUMENT PANEL SAFETY PAD ASSEMBLY (w/o DVD Player)** (See page [IP-33](#))
4. **INSTALL INSTRUMENT PANEL SAFETY PAD ASSEMBLY (w/ DVD Player)** (See page [IP-35](#))
5. **INSTALL ROOM TEMPERATURE SENSOR** (See page [AC-215](#))



6. **CONNECT INSTRUMENT PANEL WIRE ASSEMBLY**
 - (a) Connect the instrument panel wire connector.
7. **INSTALL PUSH START SWITCH** (See page [IP-37](#))
8. **INSTALL NO. 1 INSTRUMENT PANEL MOUNTING BRACKET** (See page [IP-38](#))
9. **INSTALL FRONT STEREO COMPONENT SPEAKER ASSEMBLY** (See page [AV-188](#))
10. **INSTALL NO. 1 SPEAKER HOLE COVER** (See page [IP-38](#))
11. **INSTALL NO. 1 INSTRUMENT PANEL REGISTER ASSEMBLY** (See page [IP-38](#))
12. **INSTALL FRONT NO. 2 SPEAKER ASSEMBLY (for LH Side)** (See page [AV-185](#))
13. **INSTALL NO. 1 INSTRUMENT PANEL SPEAKER PANEL SUB-ASSEMBLY** (See page [IP-39](#))
14. **INSTALL FRONT PILLAR GARNISH LH** (See page [IR-64](#))
15. **INSTALL NO. 3 INSTRUMENT PANEL REGISTER ASSEMBLY** (See page [IP-39](#))
16. **INSTALL FRONT NO. 2 SPEAKER ASSEMBLY (for RH Side)** (See page [IP-39](#))
17. **INSTALL NO. 2 INSTRUMENT PANEL SPEAKER PANEL SUB-ASSEMBLY** (See page [IP-39](#))
18. **INSTALL FRONT PILLAR GARNISH RH** (See page [IR-65](#))

19. INSTALL REAR CONSOLE BOX ASSEMBLY (See page [IP-39](#))
20. INSTALL CONSOLE REAR END PANEL SUB-ASSEMBLY (See page [IP-40](#))
21. INSTALL CONSOLE BOX CARPET (See page [IP-41](#))
22. INSTALL CONSOLE BOX POCKET (See page [IP-41](#))
23. INSTALL HEATER SEAT SWITCH CONSOLE BASE (w/o Seat Heater System) (See page [IP-41](#))
24. INSTALL HEATER SEAT SWITCH CONSOLE BASE (w/ Seat Heater System) (See page [IP-41](#))
25. INSTALL INTEGRATION CONTROL PANEL WITH RADIO RECEIVER ASSEMBLY (w/o Navigation System) (See page [AV-172](#))
26. INSTALL MULTI-DISPLAY WITH RADIO RECEIVER ASSEMBLY (w/ Navigation System) (See page [AV-173](#))
27. INSTALL NO. 2 INSTRUMENT PANEL REGISTER ASSEMBLY (See page [IP-41](#))
28. INSTALL UPPER CONSOLE PANEL ASSEMBLY WITH FRONT ASH RECEPTACLE (See page [IP-42](#))
29. INSTALL SHIFT LEVER KNOB SUB-ASSEMBLY (See page [IP-42](#))
30. INSTALL LOWER INSTRUMENT PANEL RH (See page [IP-42](#))
31. INSTALL FRONT PASSENGER SIDE KNEE AIRBAG ASSEMBLY (See page [RS-396](#))
32. INSTALL SIDE INSTRUMENT PANEL RH (See page [IP-43](#))
33. INSTALL NO. 2 INSTRUMENT PANEL UNDER COVER SUB-ASSEMBLY (See page [IP-44](#))
34. INSTALL FRONT DOOR OPENING TRIM COVER RH (See page [IR-65](#))
35. INSTALL FRONT DOOR SCUFF PLATE RH (See page [IR-65](#))
36. INSTALL INSTRUMENT PANEL FINISH PANEL END RH (See page [IP-44](#))
37. INSTALL NO. 1 SWITCH HOLE BASE (See page [IP-44](#))
38. INSTALL COMBINATION METER ASSEMBLY (See page [IP-45](#))
39. INSTALL INSTRUMENT CLUSTER FINISH PANEL SUB-ASSEMBLY (See page [IP-45](#))
40. INSTALL TURN SIGNAL SWITCH ASSEMBLY WITH SPIRAL CABLE SUB-ASSEMBLY (See page [SR-86](#))

41. INSTALL TILT & TELESCOPIC SWITCH (See page [SR-86](#))
42. INSTALL STEERING COLUMN COVER (See page [SR-87](#))
43. ADJUST SPIRAL CABLE (See page [RS-382](#))
44. INSTALL LOWER INSTRUMENT PANEL SUB-ASSEMBLY (See page [IP-46](#))
45. INSTALL INSTRUMENT PANEL FINISH PANEL END LH (See page [IP-46](#))
46. INSTALL SIDE INSTRUMENT PANEL LH (See page [IP-47](#))
47. INSTALL FRONT DOOR OPENING TRIM COVER LH (See page [IR-64](#))
48. INSTALL FRONT DOOR SCUFF PLATE LH (See page [IR-65](#))
49. INSTALL STEERING WHEEL ASSEMBLY (See page [SR-87](#))
50. INSTALL STEERING PAD (See page [RS-368](#))
51. INSTALL LOWER NO. 3 STEERING WHEEL COVER (See page [RS-369](#))
52. INSTALL LOWER NO. 2 STEERING WHEEL COVER (See page [RS-369](#))
53. CONNECT CABLE TO NEGATIVE BATTERY TERMINAL
54. PERFORM INITIALIZATION
 - (a) Perform initialization (See page [IN-33](#)).
HINT:
Some systems need initialization after reconnecting the cable to the negative battery terminal.
55. INSPECT STEERING PAD (See page [RS-369](#))
56. INSPECT FRONT PASSENGER SIDE KNEE AIRBAG ASSEMBLY (See page [RS-395](#))
57. INSPECT FRONT PASSENGER AIRBAG ASSEMBLY (See page [RS-411](#))
58. INSPECT SRS WARNING LIGHT
 - (a) Inspect the SRS warning light (See page [RS-37](#)).

DISPOSAL

HINT:

When scrapping a vehicle equipped with the SRS or disposing of the front passenger airbag assembly, be sure to deploy the airbag first in accordance with the procedure described below. If any abnormality occurs with the airbag deployment, contact the SERVICE DEPT. of the TOYOTA MOTOR SALES, U.S.A., INC.

CAUTION:

- **Never dispose of a front passenger airbag assembly that has an undeployed airbag.**
- **The airbag produces an exploding sound when it is deployed, so perform the operation outdoors and where it will not create a nuisance to nearby residents.**
- **When deploying the airbag, always use the specified SST (SRS Airbag Deployment Tool). Perform the operation in a place away from electrical noise.**
- **When deploying the airbag, perform the operation at least 10 m (33 ft) away from the front passenger airbag assembly.**
- **The front passenger airbag assembly becomes extremely hot when the airbag is deployed, so do not touch it for at least 30 minutes after deployment.**
- **Use gloves and safety glasses when handling a front passenger airbag assembly with a deployed airbag.**
- **Do not apply water, etc. to a front passenger airbag assembly with a deployed airbag.**
- **Always wash your hands with water after completing the operation.**

1. DISPOSE OF FRONT PASSENGER AIRBAG ASSEMBLY (WHEN INSTALLED IN VEHICLE)

HINT:

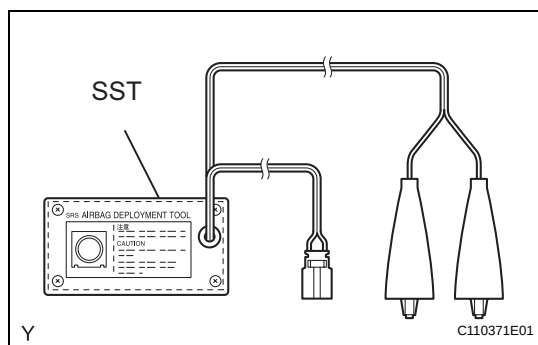
Prepare a battery as the power source to deploy the airbag.

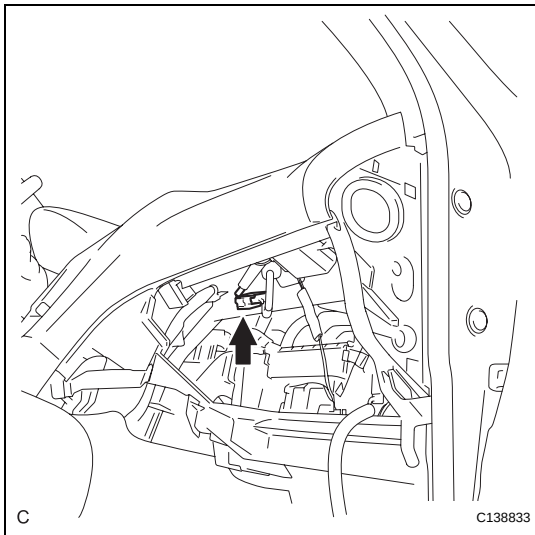
- Check the function of the SST (See page [RS-370](#)).
- Refer to PRECAUTION (See page [RS-1](#)).
- Disconnect the cable from the negative battery terminal.

CAUTION:

Wait for 90 seconds after disconnecting the cable to prevent airbag deployment.

- Install the SST.
 - Remove the lower instrument panel sub-assembly (See page [IP-13](#)).

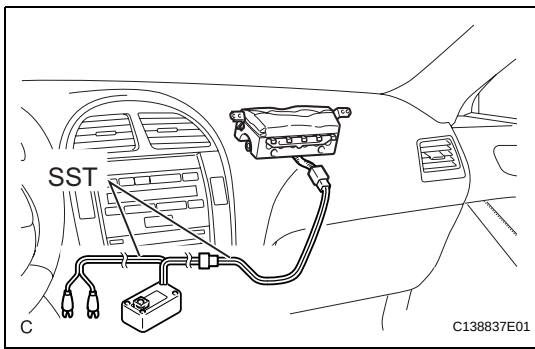




- (2) Disconnect the connector.

NOTICE:

When handling the airbag connector, take care not to damage the airbag wire harness.

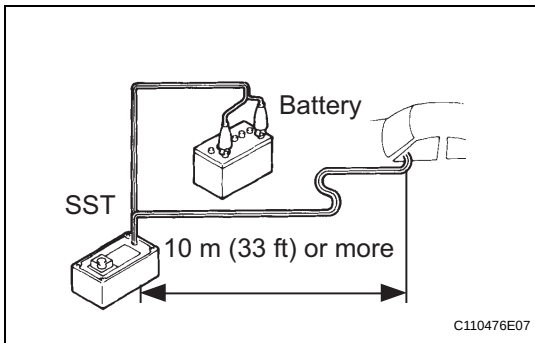


- (3) Connect the SST connector to the instrument panel wire assembly.

SST 09082-00700, 09082-00780

NOTICE:

To avoid damaging the SST connector and wire harness, do not lock the secondary lock of the twin lock.



- (4) Move the SST at least 10 m (33 ft) away from the vehicle front side window.
(5) Maintaining enough clearance for the SST wire harness in the front side window, close all doors and windows of the vehicle.

NOTICE:

Take care not to damage the SST wire harness.

- (6) Connect the red clip of the SST to the battery positive (+) terminal and the black clip of the SST to the negative (-) terminal.
- (e) Deploy the airbag.
- (1) Check that no one is inside the vehicle or within a 10 m (33 ft) radius of the vehicle.
- (2) Press the SST activation switch and deploy the airbag.
- CAUTION:**
- **When deploying the airbag, make sure that no one is near the vehicle.**
 - **The front passenger airbag assembly becomes extremely hot when the airbag is deployed, so do not touch it for at least 30 minutes after deployment.**
 - **Use gloves and safety glasses when handling a front passenger airbag assembly with a deployed airbag.**

RS

- Do not apply water, etc. to a front passenger airbag assembly with a deployed airbag.
- Always wash your hands with water after completing the operation.

HINT:

The airbag is deployed as the LED of the SST activation switch comes on.

2. DISPOSE OF FRONT PASSENGER AIRBAG ASSEMBLY (WHEN NOT INSTALLED IN VEHICLE)

NOTICE:

- When disposing of the front passenger airbag assembly, never use the customer's vehicle to deploy the airbag.
- Be sure to follow the procedure detailed below when deploying the airbag.

HINT:

Prepare a battery as the power source to deploy the airbag.

- Check the function of the SST (See page [RS-372](#)).
- Remove the front passenger airbag assembly (See page [RS-412](#)).

CAUTION:

- When removing the front passenger airbag assembly, work must be started 90 seconds after the engine switch is turned off and the negative (-) terminal cable is disconnected from the battery.
- When storing the front passenger airbag assembly, keep the airbag deployment side facing upward.

- Install the SST.

- After connecting the SST below to each other, connect them to the front passenger airbag assembly.

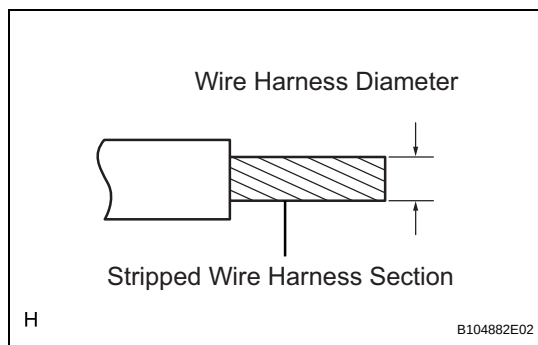
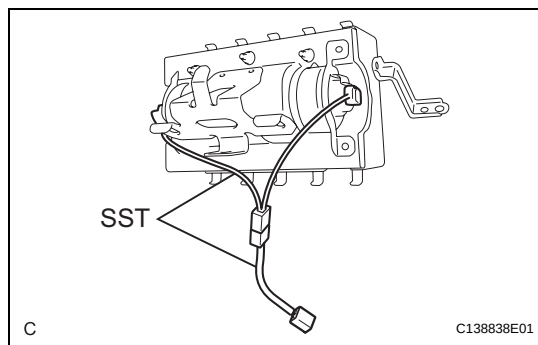
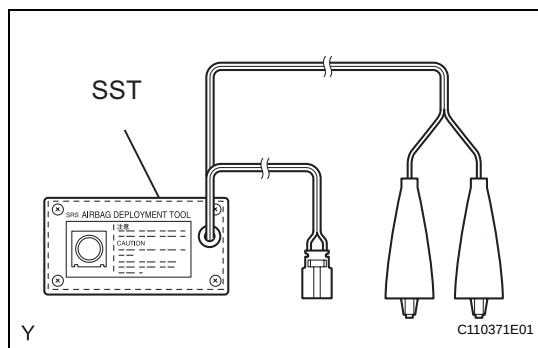
SST 09082-00802 (09082-10801, 09082-30801)

- Using a service-purpose wire harness for the vehicle, tie down the front passenger airbag assembly to the tire.

Wire harness:

Stripped wire harness section

1.25 mm² or more (0.0019 in.² or more)



CAUTION:

If the wire harness is too thin or an alternative object is used to tie down the front passenger airbag assembly, it may be snapped by the shock when the airbag is deployed. Always use a wire harness for vehicle use with an area of at least 1.25 mm² (0.0019 in.²).

HINT:

To calculate the area of the stripped wire harness section:

$$\text{Area} = 3.14 \times (\text{Diameter})^2 \text{ divided by } 4$$

- (1) Position the front passenger airbag assembly inside the tire with the airbag deployment side facing inside.

Tire size:

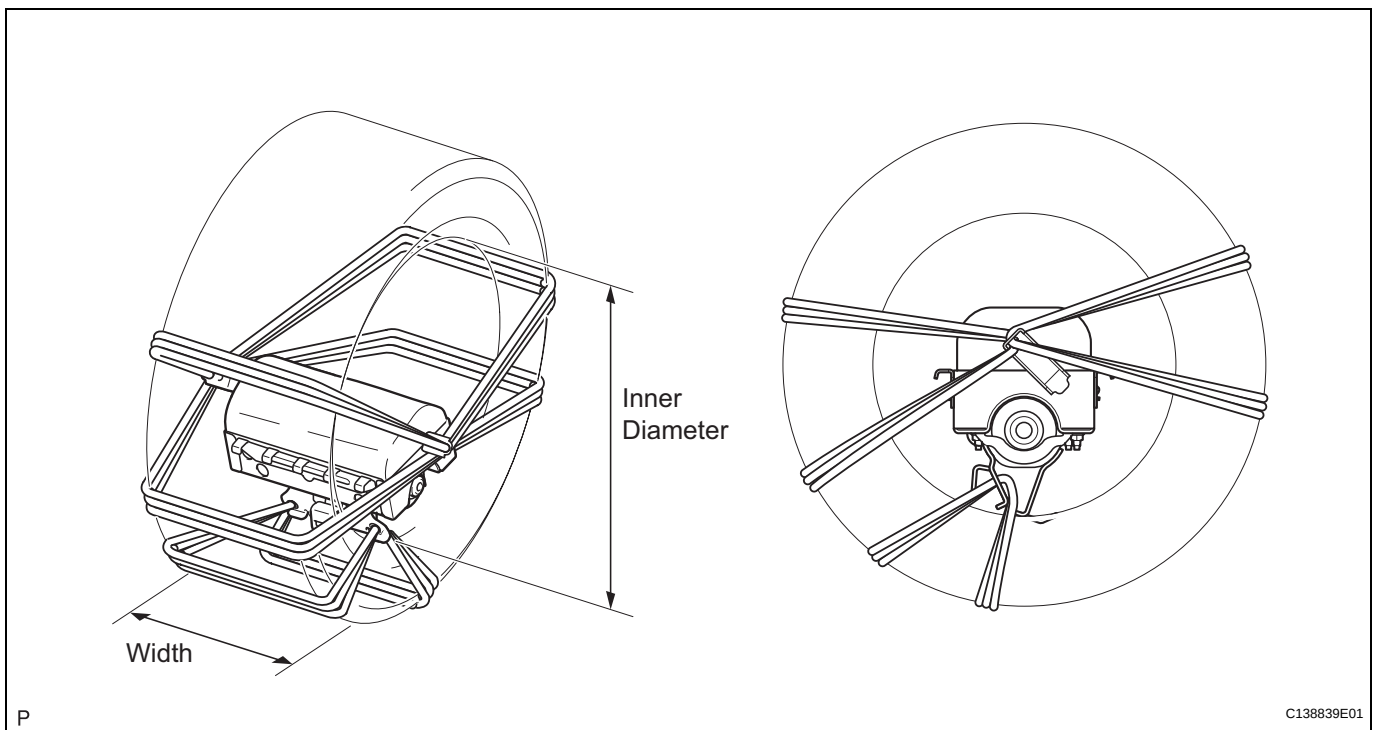
Must exceed the following dimensions

Width:

185 mm (7.28 in.)

Inner diameter:

360 mm (14.17 in.)

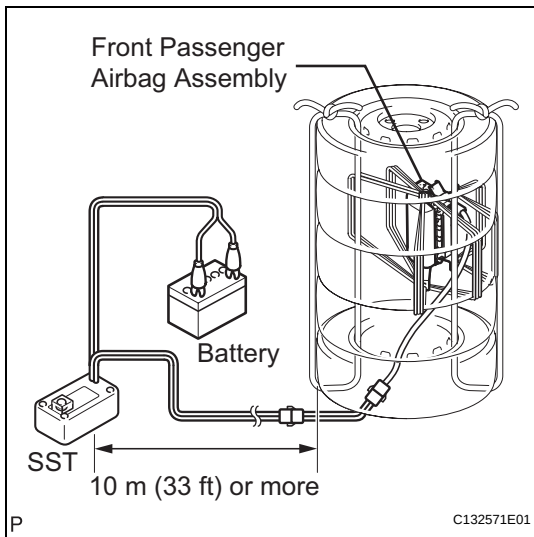
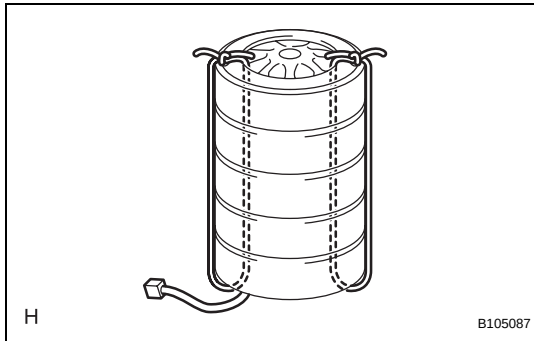
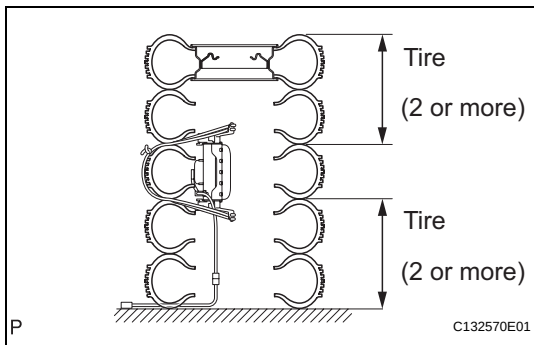
**CAUTION:**

- Make sure that the wire harness is tight. If there is slack in the wire harness, the front passenger airbag assembly may become loose due to the shock when the airbag is deployed.
- Always tie down the front passenger airbag assembly with the airbag deployment side facing inside the tire.

NOTICE:

The tire will be marked by the airbag deployment, so use an extra tire.

RS



(e) Place the tires.

- (1) Place at least 2 tires under the tire which the front passenger airbag assembly is tied to.
- (2) Place at least 2 tires over the tire which the front passenger airbag assembly is tied to. The top tire should have a disc wheel installed.

NOTICE:

Do not place the SST connector under the tire because it could be damaged.

- (3) Tie the tires together with 2 wire harnesses.

CAUTION:

Make sure that the wire harness is tight.

Looseness in the wire harness results in the tires coming free due to the shock when the airbag is deployed.

(f) Install the SST.

- (1) Connect the SST connector.

SST 09082-00700

NOTICE:

To avoid damaging the SST connector and wire harness, do not lock the secondary lock of the twin lock. Also, secure some slack for the SST wire harness inside the tire.

- (2) Move the SST at least 10 m (33 ft) away from the airbag tied down to the tire.

(g) Deploy the airbag.

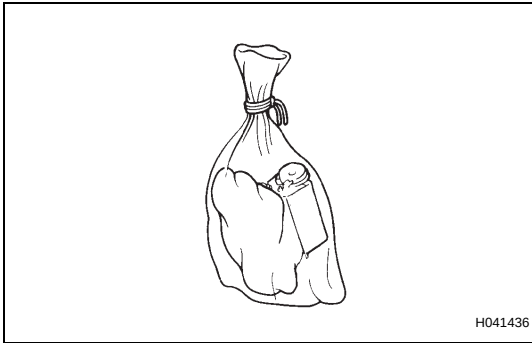
- (1) Connect the red clip of the SST to the battery positive (+) terminal and the black clip of the SST to the battery negative (-) terminal.
- (2) Check that no one is within a 10 m (33 ft) radius of the tire which the front passenger airbag assembly is tied to.
- (3) Press the SST activation switch and deploy the airbag.

CAUTION:

When deploying the airbag, make sure that no one is near the tire.

HINT:

The airbag is deployed as the LED of the SST activation switch comes on.



(h) Dispose of the front passenger airbag assembly.

CAUTION:

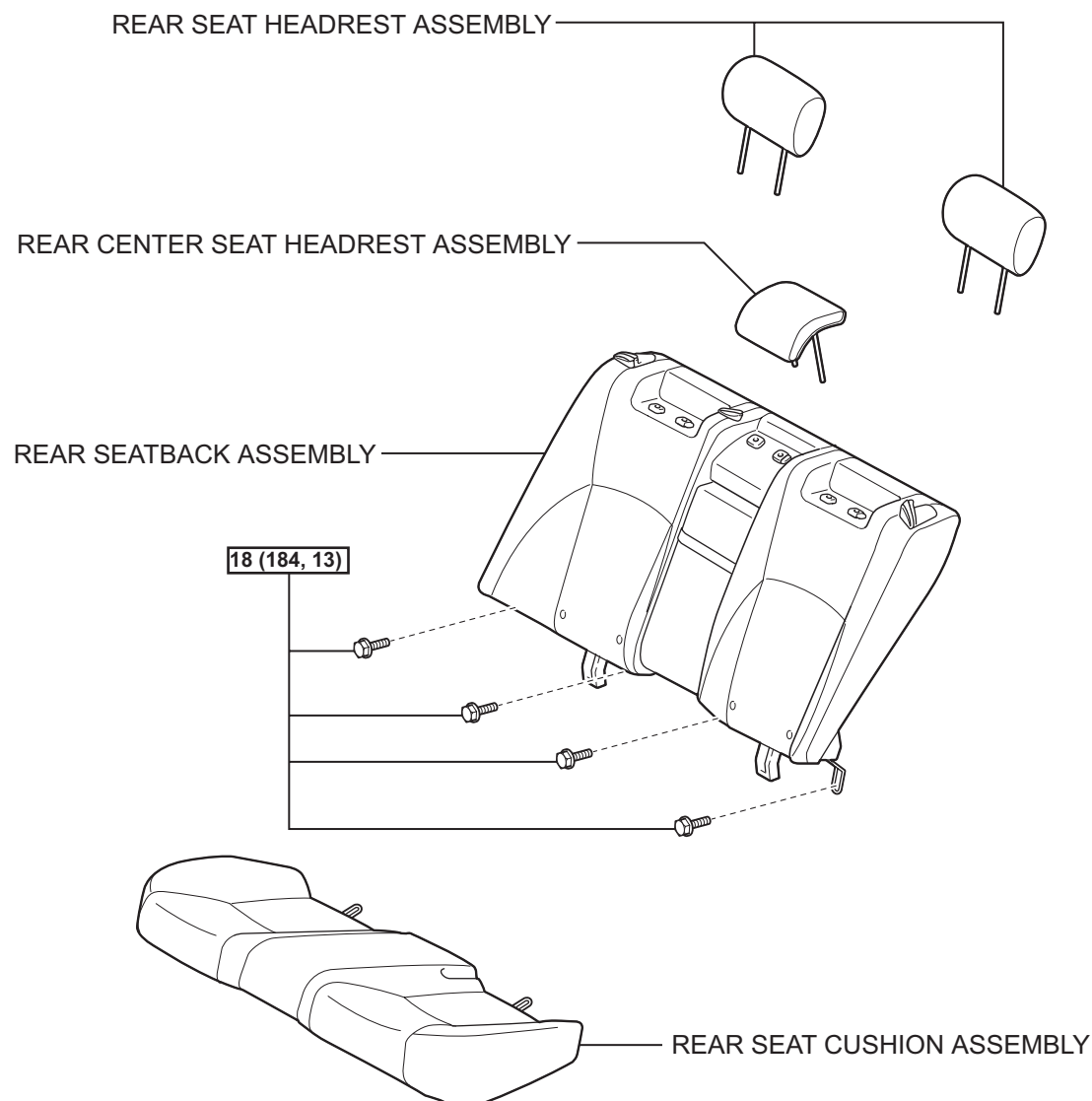
- The front passenger airbag assembly becomes extremely hot when the airbag is deployed, so do not touch it for at least 30 minutes after deployment.
- Use gloves and safety glasses when handling a front passenger airbag assembly with a deployed airbag.
- Do not apply water, etc. to a front passenger airbag assembly with a deployed airbag.
- Always wash your hands with water after completing the operation.

- (1) Remove the front passenger airbag assembly from the tire.
- (2) Place the front passenger airbag assembly in a plastic bag, tie it tightly and dispose of it as other general part disposal.

CURTAIN SHIELD AIRBAG ASSEMBLY

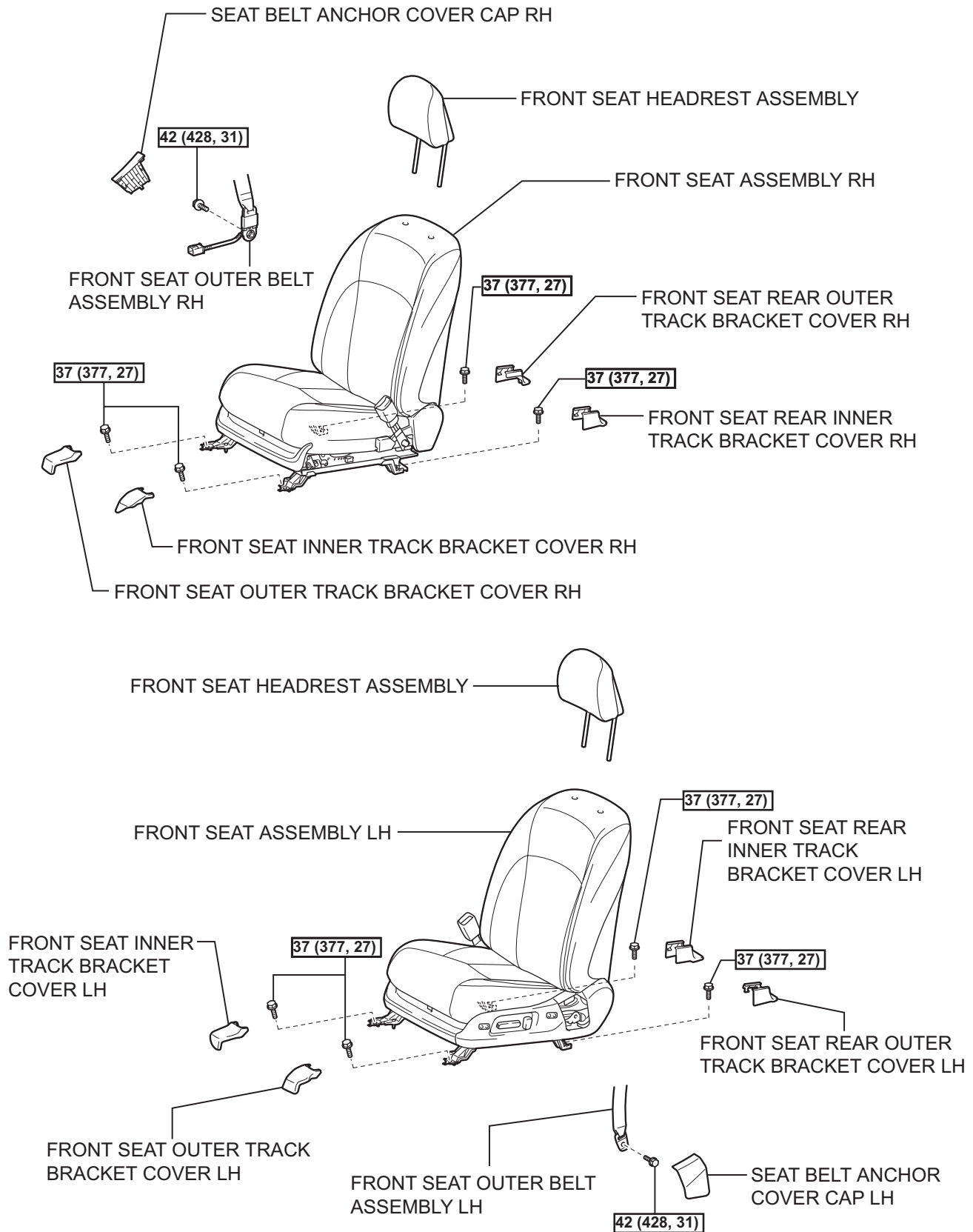
COMPONENTS

RS

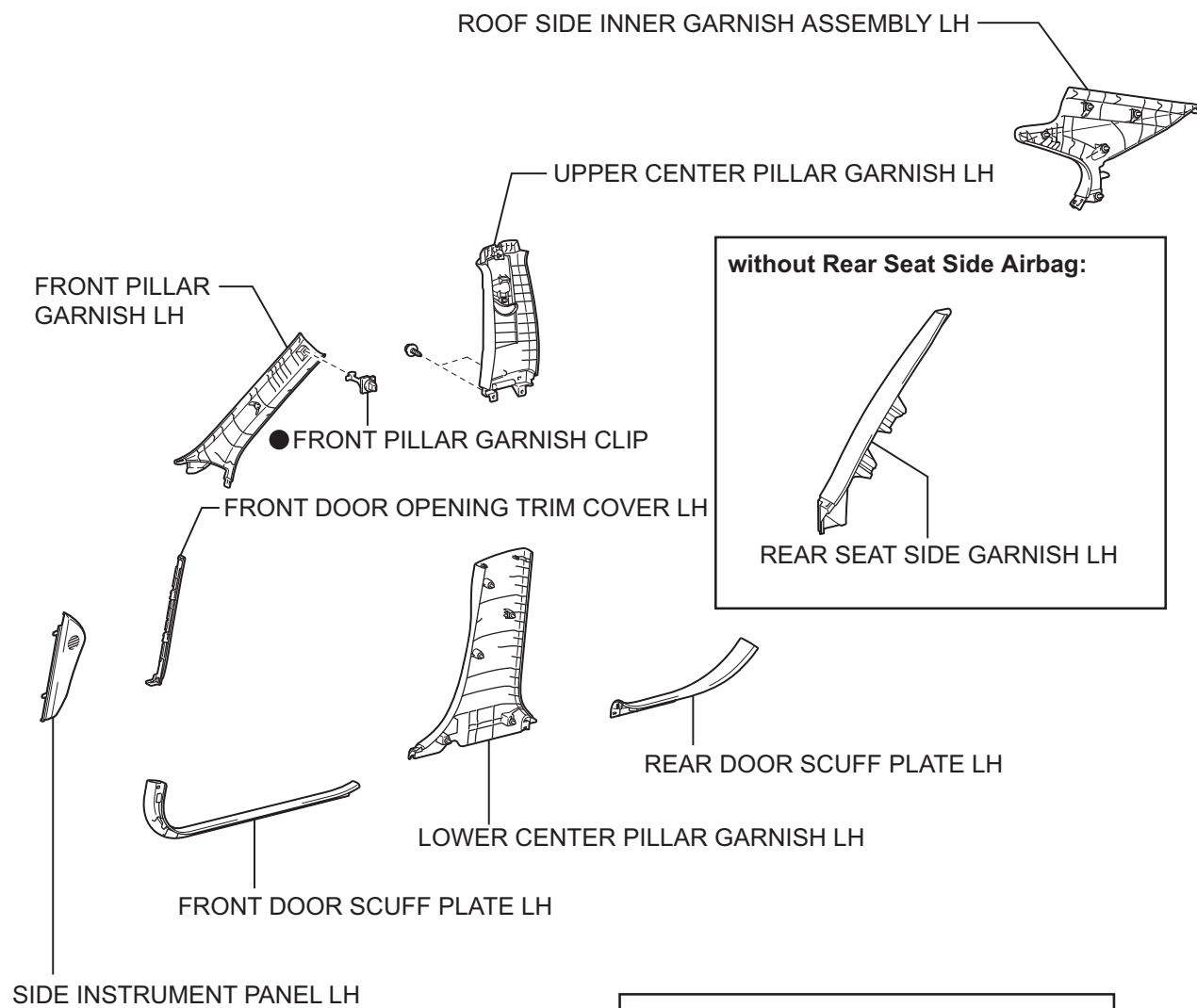


N*m (kgf*cm, ft.*lbf): Specified torque

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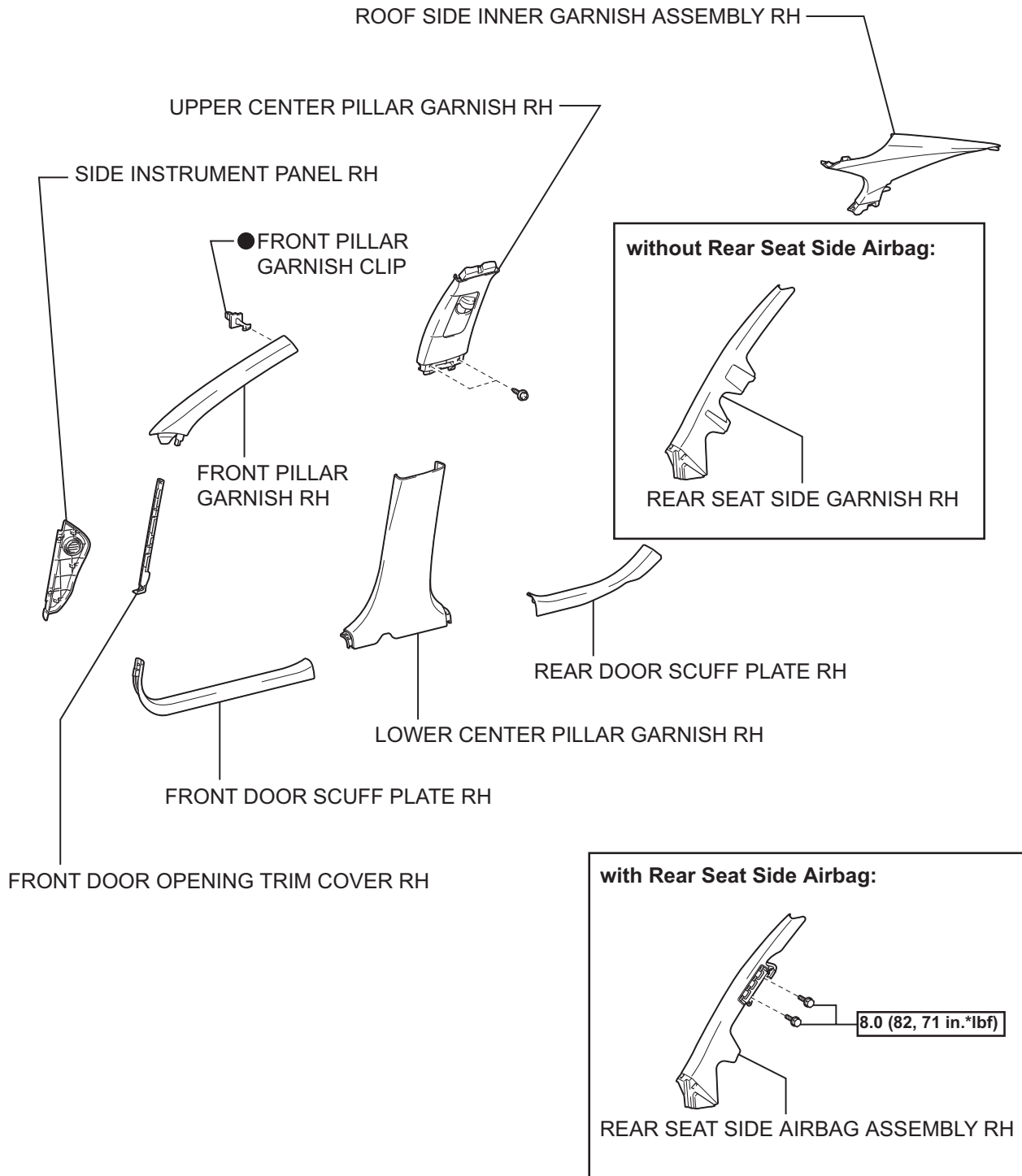
N*m (kgf*cm, ft.*lbf) : Specified torque



N*m (kgf*cm, ft.*lbf) : Specified torque

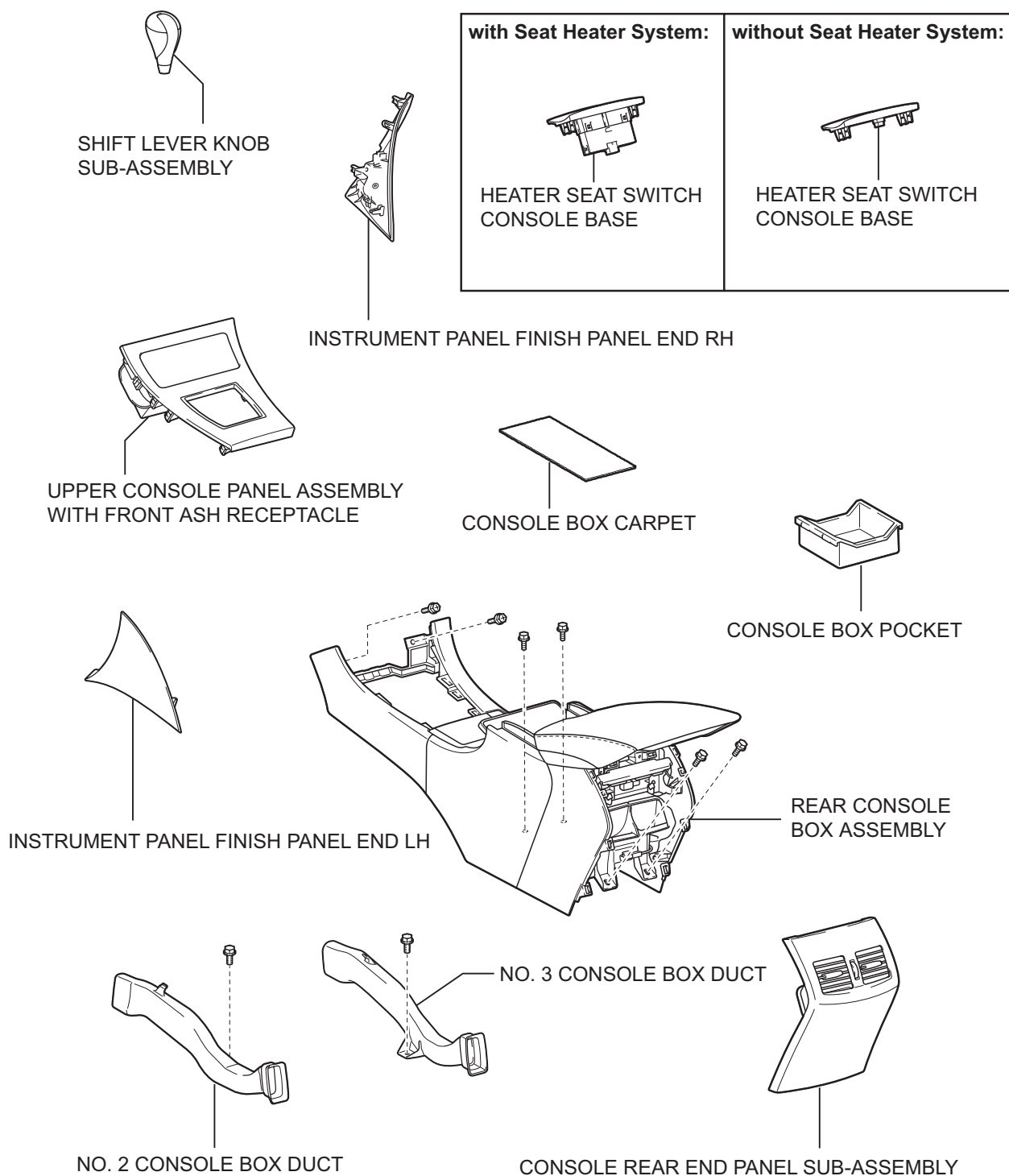
● Non-reusable part

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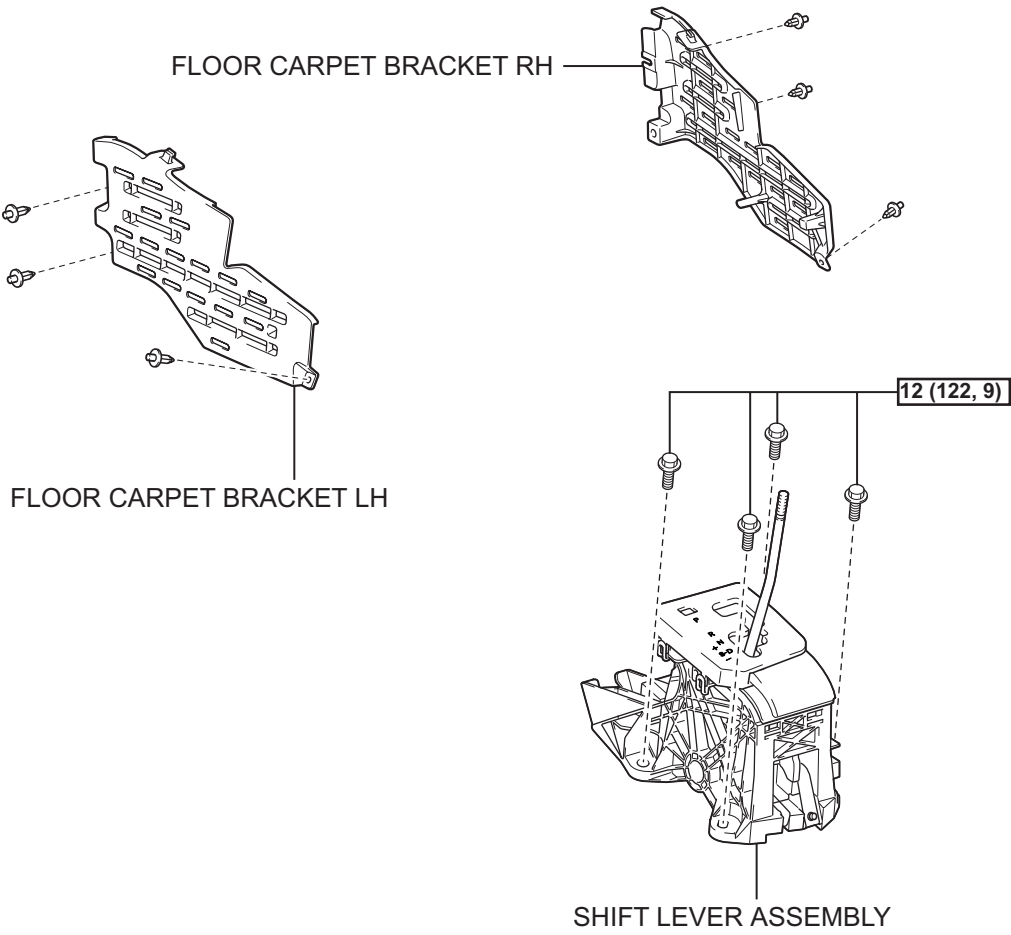


N*m (kgf*cm, ft.*lbf): Specified torque

● Non-reusable part

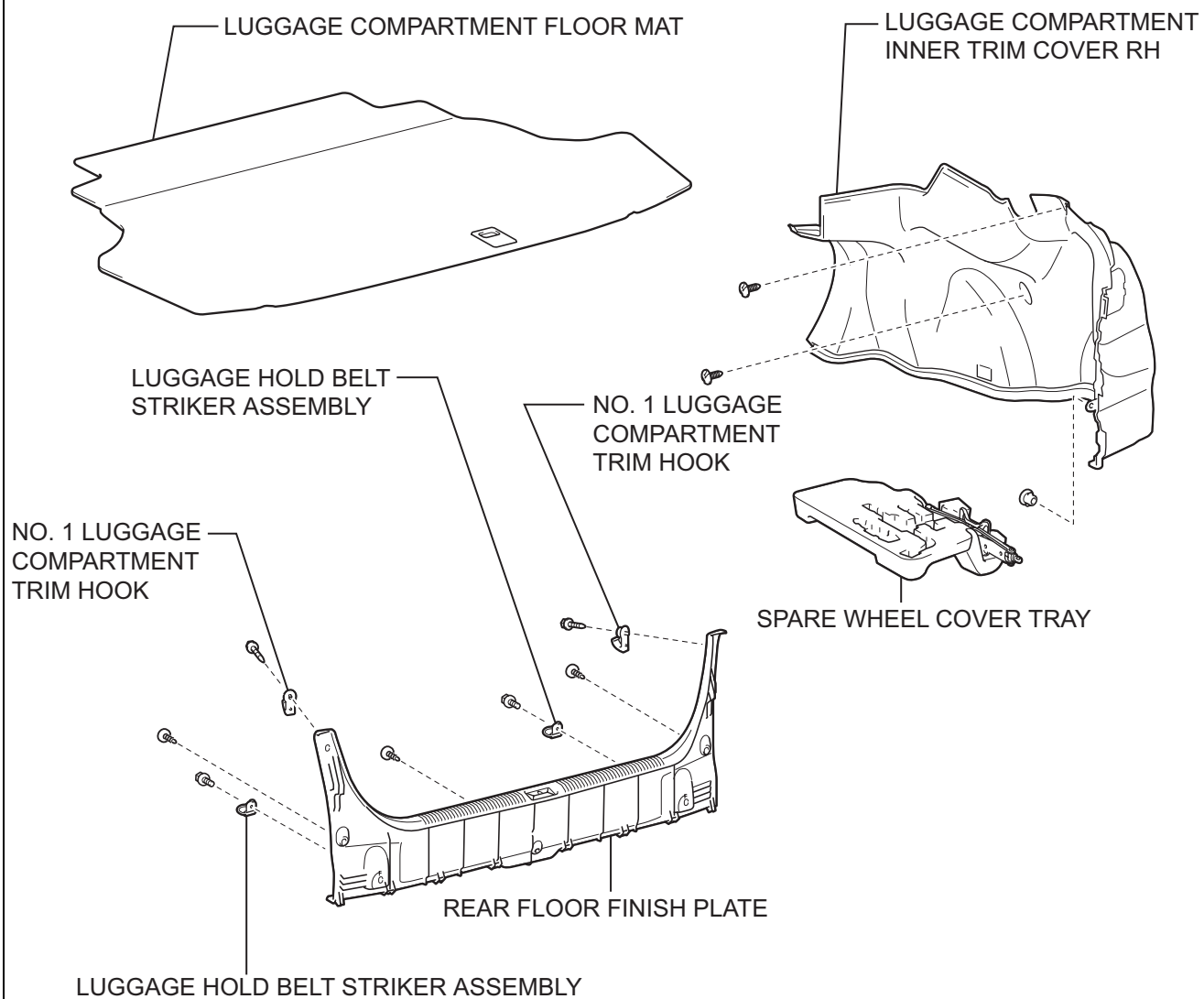


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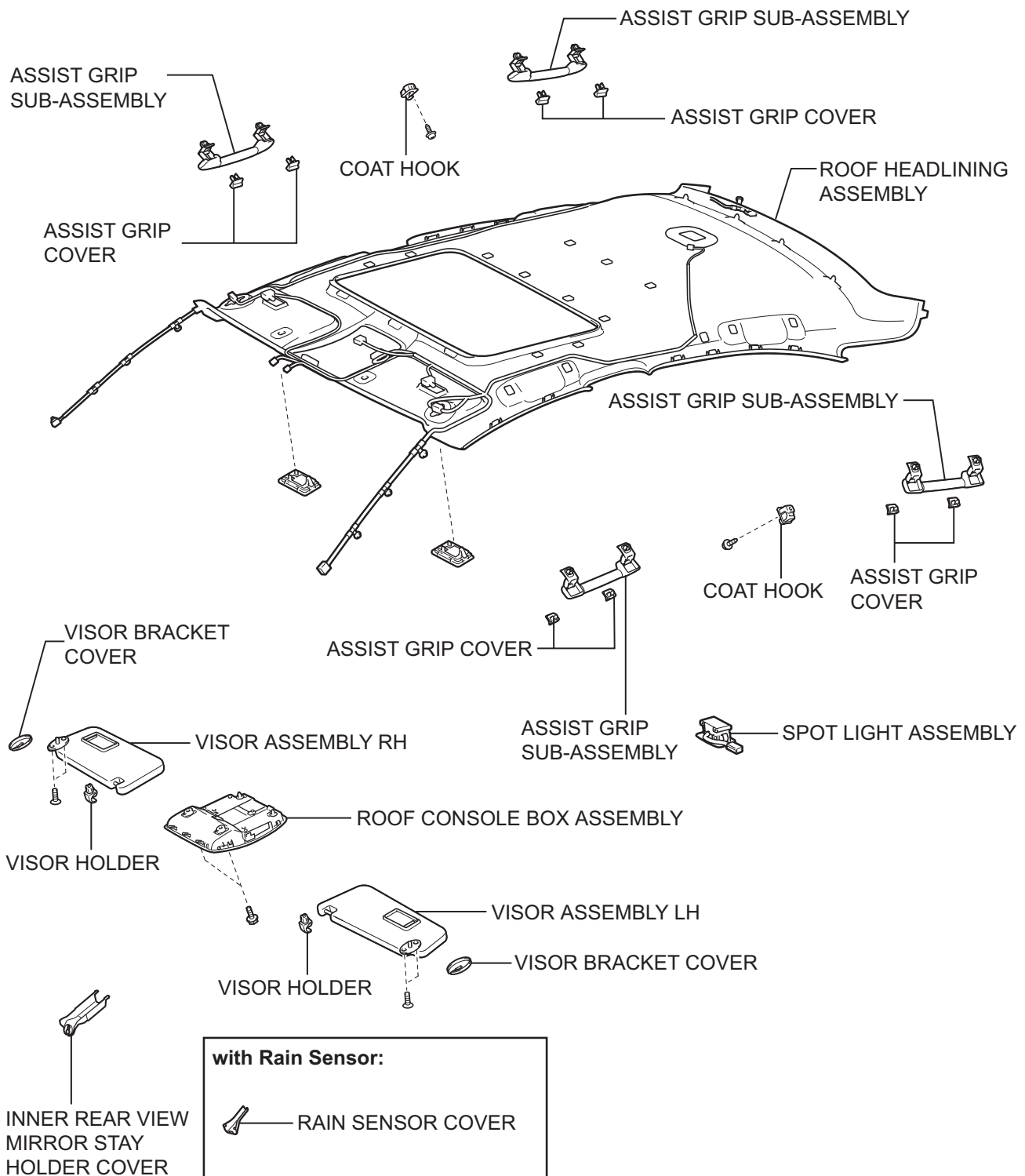
N*m (kgf*cm, ft.*lbf) : Specified torque

with DVD Player:

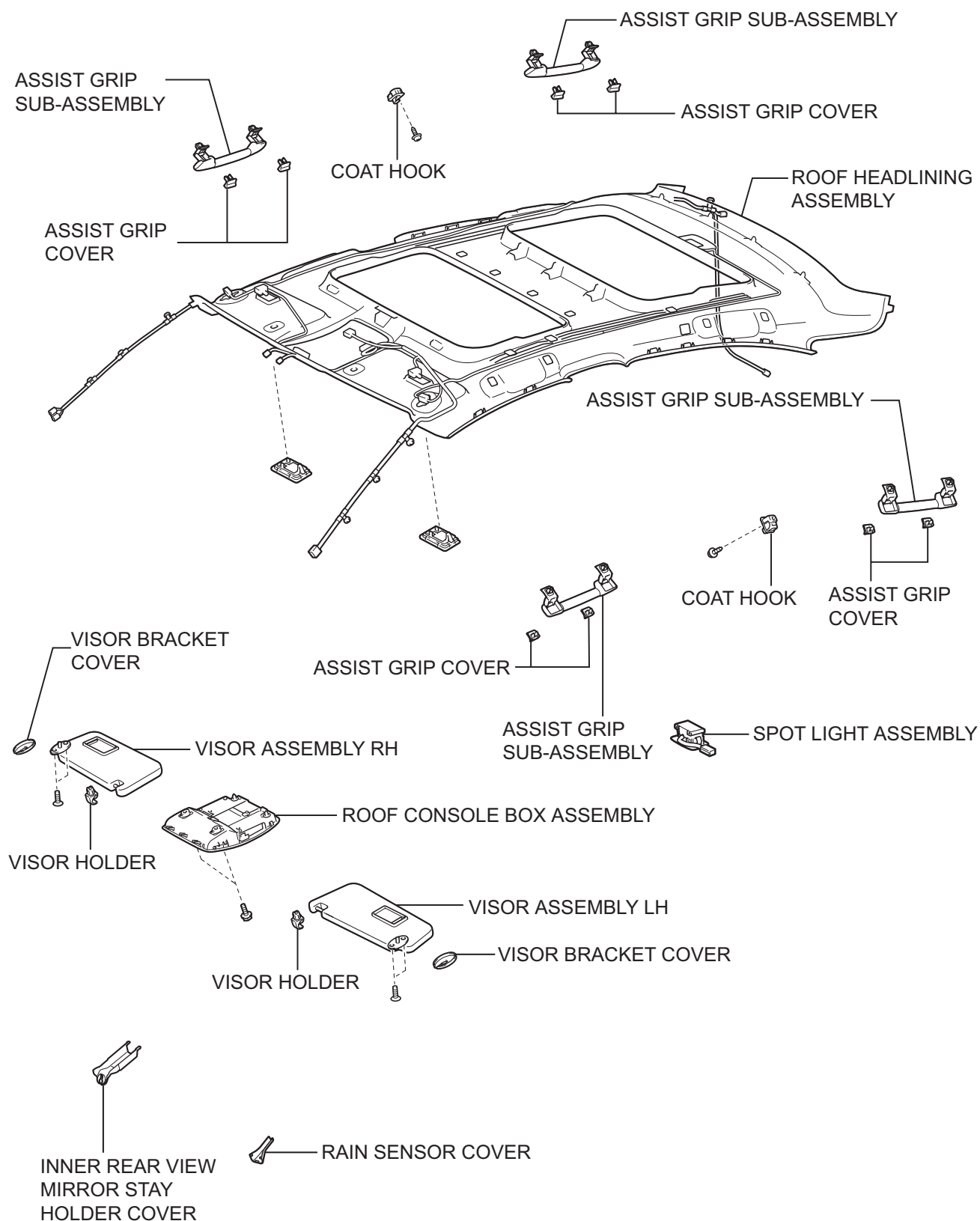


for Standard:

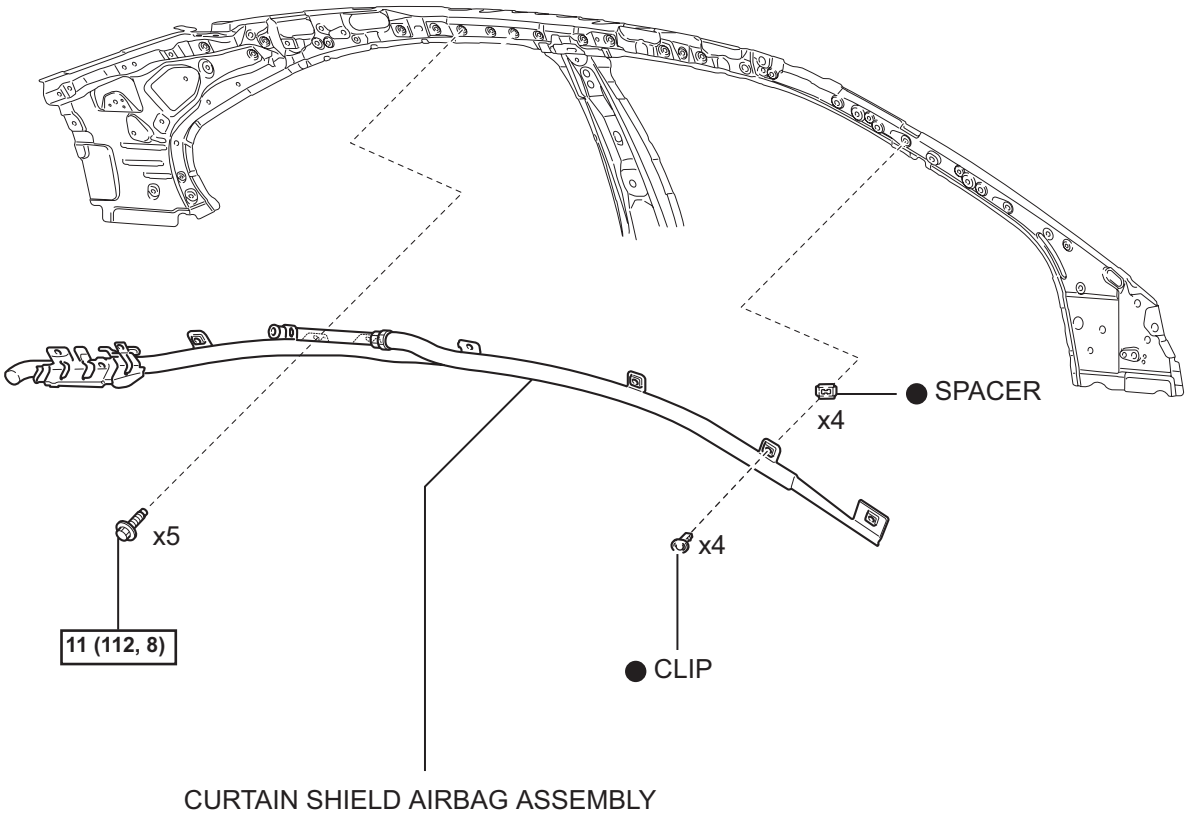
RS



for Glass Roof:



RS

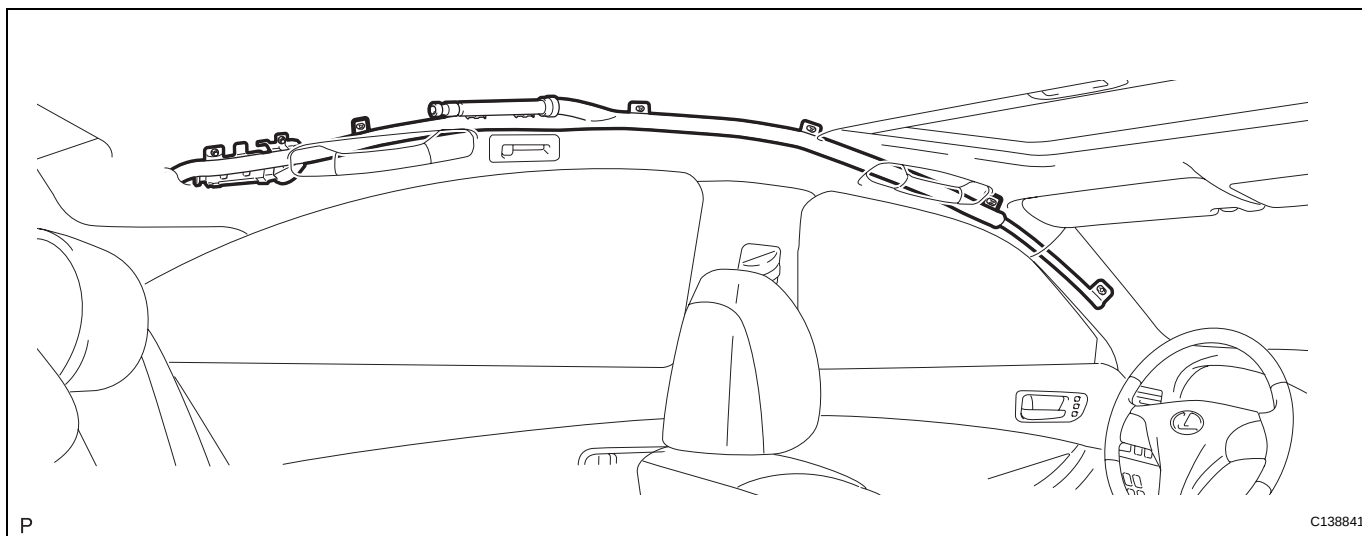


N*m (kgf*cm, ft.*lbf): Specified torque ● Non-reusable part

ON-VEHICLE INSPECTION

1. INSPECT CURTAIN SHIELD AIRBAG ASSEMBLY (VEHICLE NOT INVOLVED IN COLLISION)

- (a) Perform a diagnostic system check (See page [RS-37](#)).
- (b) With the curtain shield airbag assembly installed on the vehicle, perform a visual check. If there are any defects as mentioned below, replace the front pillar garnish or roof headlining assembly with a new one:



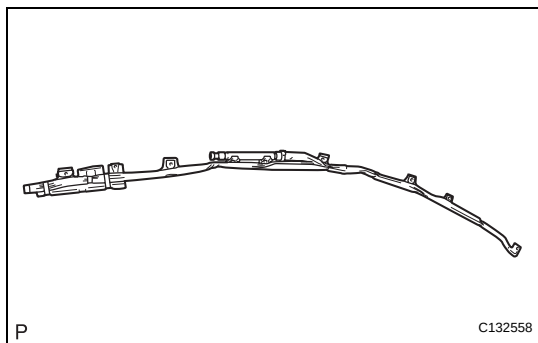
Cuts, minute cracks or marked discoloration on the front pillar garnish or roof headlining assembly around the curtain shield airbag assembly.

2. INSPECT CURTAIN SHIELD AIRBAG ASSEMBLY (VEHICLE INVOLVED IN COLLISION AND AIRBAG HAS NOT DEPLOYED)

- (a) Perform a diagnostic system check (See page [RS-37](#)).
- (b) With the curtain shield airbag assembly removed from the vehicle, perform a visual check. If there are any defects as mentioned below, replace the curtain shield airbag assembly with a new one:
 - Cuts, minute cracks or marked discoloration on the curtain shield airbag assembly.
 - Cracks or other damage to the connectors.

CAUTION:

Be sure to follow the correct removal and installation procedures.



RS

REMOVAL

HINT:

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

1. PRECAUTION

CAUTION:

Be sure to read "PRECAUTION" thoroughly before servicing (See page [RS-1](#)).

2. REMOVE REAR SEAT CUSHION ASSEMBLY (See page [SE-113](#))
3. REMOVE REAR SEAT HEADREST ASSEMBLY
4. REMOVE REAR CENTER SEAT HEADREST ASSEMBLY
5. REMOVE REAR SEATBACK ASSEMBLY (See page [SE-113](#))
6. REMOVE SEAT BELT ANCHOR COVER CAP LH (See page [SB-27](#))
7. DISCONNECT FRONT SEAT OUTER BELT ASSEMBLY LH (See page [SB-27](#))
8. REMOVE FRONT SEAT HEADREST ASSEMBLY (for Driver Seat)
9. REMOVE FRONT SEAT OUTER TRACK BRACKET COVER LH (See page [SE-83](#))
10. REMOVE FRONT SEAT INNER TRACK BRACKET COVER LH (See page [SE-83](#))
11. REMOVE FRONT SEAT REAR OUTER TRACK BRACKET COVER LH (See page [SE-83](#))
12. REMOVE FRONT SEAT REAR INNER TRACK BRACKET COVER LH (See page [SE-83](#))
13. REMOVE FRONT SEAT ASSEMBLY LH (See page [SE-83](#))
14. REMOVE SEAT BELT ANCHOR COVER CAP RH (See page [RS-490](#))
15. DISCONNECT FRONT SEAT OUTER BELT ASSEMBLY RH (See page [RS-490](#))
16. REMOVE FRONT SEAT HEADREST ASSEMBLY (for Front Passenger Seat)
17. REMOVE FRONT SEAT OUTER TRACK BRACKET COVER RH (See page [RS-490](#))
18. REMOVE FRONT SEAT INNER TRACK BRACKET COVER RH (See page [RS-490](#))
19. REMOVE FRONT SEAT REAR OUTER TRACK BRACKET COVER RH (See page [RS-490](#))
20. REMOVE FRONT SEAT REAR INNER TRACK BRACKET COVER RH (See page [RS-490](#))

21. REMOVE FRONT SEAT ASSEMBLY RH (See page [RS-491](#))
22. REMOVE FRONT DOOR SCUFF PLATE LH (See page [IR-39](#))
23. REMOVE FRONT DOOR OPENING TRIM COVER LH (See page [IR-39](#))
24. REMOVE SIDE INSTRUMENT PANEL LH (See page [IP-12](#))
25. REMOVE FRONT PILLAR GARNISH LH (See page [IR-39](#))
26. REMOVE REAR DOOR SCUFF PLATE LH (See page [IR-40](#))
27. REMOVE LOWER CENTER PILLAR GARNISH LH (See page [IR-40](#))
28. REMOVE UPPER CENTER PILLAR GARNISH LH (See page [IR-41](#))
29. REMOVE REAR SEAT SIDE GARNISH LH (w/o Rear Seat Side Airbag) (See page [IR-41](#))
30. REMOVE REAR SEAT SIDE AIRBAG ASSEMBLY LH (w/ Rear Seat Side Airbag) (See page [RS-460](#))
31. REMOVE ROOF SIDE INNER GARNISH ASSEMBLY LH (See page [IR-42](#))
32. REMOVE FRONT DOOR SCUFF PLATE RH (See page [IR-42](#))
33. REMOVE FRONT DOOR OPENING TRIM COVER RH (See page [IR-42](#))
34. REMOVE SIDE INSTRUMENT PANEL RH (See page [IP-15](#))
35. REMOVE FRONT PILLAR GARNISH RH (See page [IR-42](#))
36. REMOVE REAR DOOR SCUFF PLATE RH (See page [IR-42](#))
37. REMOVE LOWER CENTER PILLAR GARNISH RH (See page [IR-42](#))
38. REMOVE UPPER CENTER PILLAR GARNISH RH (See page [IR-42](#))
39. REMOVE REAR SEAT SIDE GARNISH RH (w/o Rear Seat Side Airbag) (See page [IR-43](#))
40. REMOVE REAR SEAT SIDE AIRBAG ASSEMBLY RH (w/ Rear Seat Side Airbag)
HINT:
Use the same procedure for the RH side and the LH side.
41. REMOVE ROOF SIDE INNER GARNISH ASSEMBLY RH (See page [IR-43](#))

RS

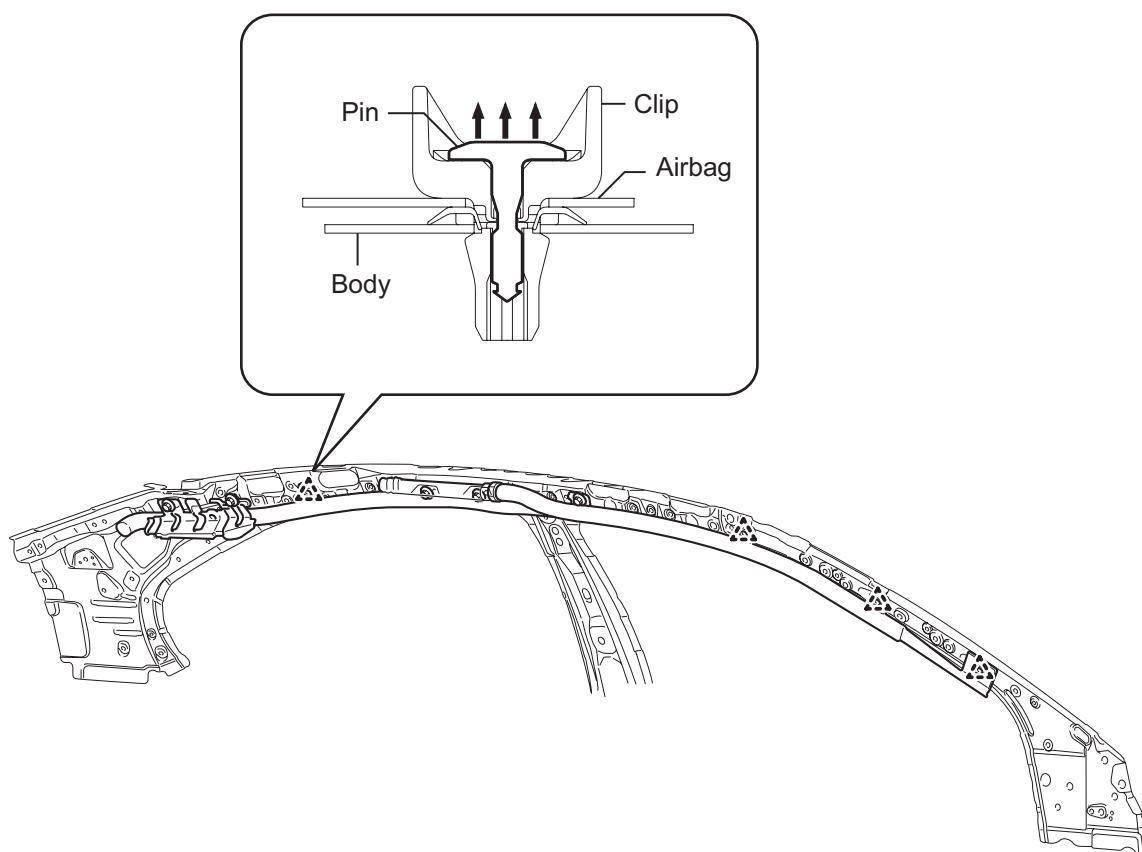
42. REMOVE INSTRUMENT PANEL FINISH PANEL END LH (See page [IP-13](#))
43. REMOVE INSTRUMENT PANEL FINISH PANEL END RH (See page [IP-15](#))
44. REMOVE SHIFT LEVER KNOB SUB-ASSEMBLY (See page [IP-16](#))
45. REMOVE UPPER CONSOLE PANEL ASSEMBLY WITH FRONT ASH RECEPTACLE (See page [IP-16](#))
46. REMOVE HEATER SEAT SWITCH CONSOLE BASE (w/o Seat Heater System) (See page [IP-17](#))
47. REMOVE HEATER SEAT SWITCH CONSOLE BASE (w/ Seat Heater System) (See page [IP-18](#))
48. REMOVE CONSOLE BOX POCKET (See page [IP-18](#))
49. REMOVE CONSOLE BOX CARPET (See page [IP-18](#))
50. REMOVE CONSOLE REAR END PANEL SUB-ASSEMBLY (See page [IP-19](#))
51. REMOVE REAR CONSOLE BOX ASSEMBLY (See page [IP-19](#))
52. REMOVE NO. 2 CONSOLE BOX DUCT (See page [AC-149](#))
53. REMOVE NO. 3 CONSOLE BOX DUCT (See page [AC-149](#))
54. DISCONNECT TRANSMISSION CONTROL CABLE ASSEMBLY (See page [AX-232](#))
55. REMOVE SHIFT LEVER ASSEMBLY (See page [AX-233](#))
56. REMOVE FLOOR CARPET BRACKET LH (See page [PB-11](#))
57. REMOVE FLOOR CARPET BRACKET RH (See page [PB-11](#))
58. REMOVE LUGGAGE COMPARTMENT FLOOR MAT (w/ DVD Player)
59. REMOVE SPARE WHEEL COVER TRAY (w/ DVD Player)
60. REMOVE LUGGAGE HOLD BELT STRIKER ASSEMBLY (w/ DVD Player) (See page [ED-82](#))
61. REMOVE NO. 1 LUGGAGE COMPARTMENT TRIM HOOK (w/ DVD Player) (See page [ED-83](#))
62. REMOVE REAR FLOOR FINISH PLATE (w/ DVD Player) (See page [ED-83](#))
63. REMOVE LUGGAGE COMPARTMENT INNER TRIM COVER RH (w/ DVD Player) (See page [ED-83](#))

64. DISCONNECT STEREO COMPONENT AMPLIFIER ASSEMBLY CONNECTOR (w/ DVD Player) (See page [IR-44](#))
65. REMOVE INNER REAR VIEW MIRROR STAY HOLDER COVER (See page [MI-42](#))
66. REMOVE RAIN SENSOR COVER (w/ Rain Sensor) (See page [WW-63](#))
67. REMOVE ROOF CONSOLE BOX ASSEMBLY (See page [IR-44](#))
68. REMOVE VISOR BRACKET COVER (See page [IR-45](#))
69. REMOVE VISOR ASSEMBLY LH (See page [IR-45](#))
70. REMOVE VISOR ASSEMBLY RH (See page [IR-45](#))
71. REMOVE VISOR HOLDER (See page [IR-45](#))
72. REMOVE COAT HOOK (See page [IR-45](#))
73. REMOVE SPOT LIGHT ASSEMBLY (for Standard) (See page [IR-46](#))
74. REMOVE SPOT LIGHT ASSEMBLY (for Glass Roof) (See page [IR-46](#))
75. REMOVE ASSIST GRIP SUB-ASSEMBLY (See page [IR-47](#))
76. REMOVE ROOF HEADLINING ASSEMBLY (for Standard) (See page [IR-47](#))
77. REMOVE ROOF HEADLINING ASSEMBLY (for Glass Roof) (See page [IR-48](#))
78. REMOVE CURTAIN SHIELD AIRBAG ASSEMBLY
 - (a) Disconnect the curtain shield airbag connector.

NOTICE:
When handling the airbag connector, take care not to damage the airbag wire harness.

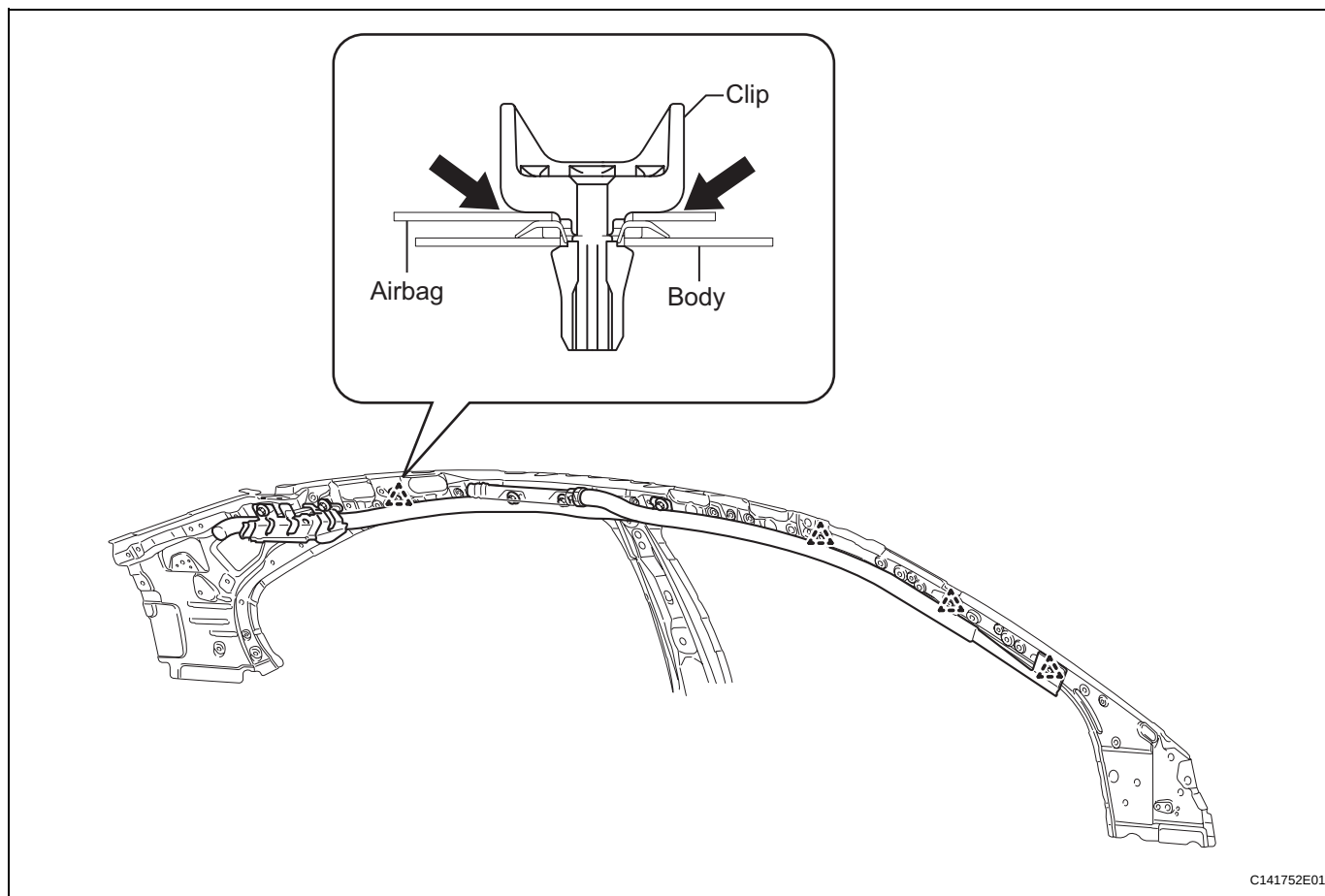
(b) Remove the 4 clips.

(1) Using a clip remover, remove the pin.

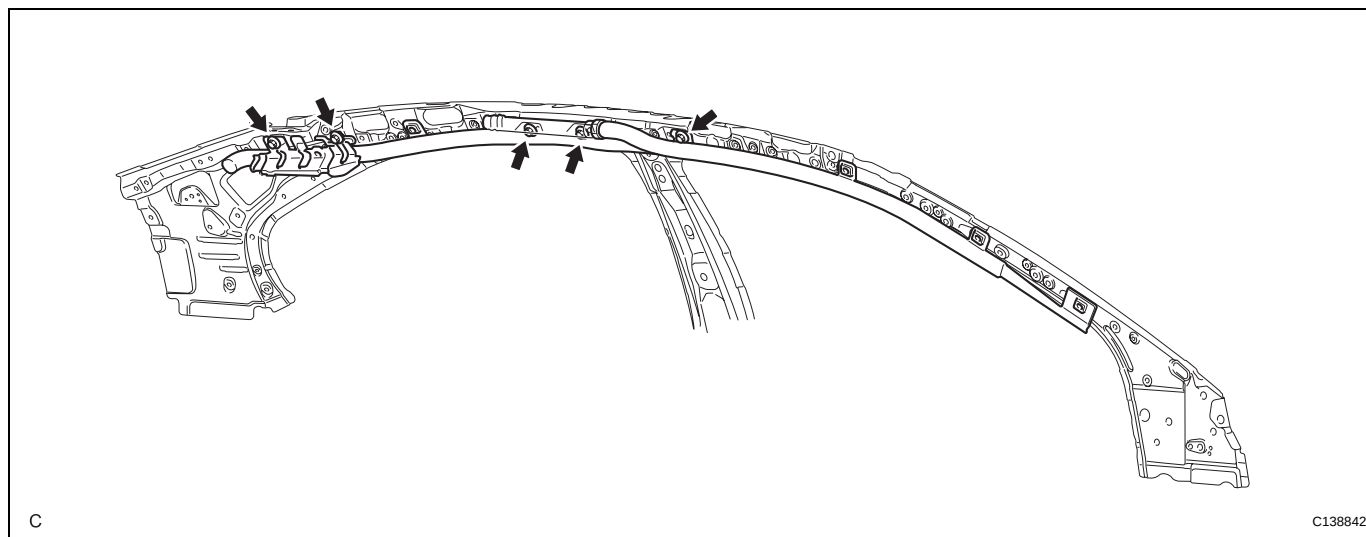


C141751E01

- (2) Using needle-nose pliers, remove the clip and curtain shield airbag from the body as shown in the illustration.



- (c) Remove the 5 bolts and curtain shield airbag assembly.



- (d) Remove the 4 clips and 4 spacers from curtain shield airbag assembly.

NOTICE:

If clips and spacers are removed, always replace them with new ones even though they may not appear to be damaged.

INSTALLATION

1. INSTALL CURTAIN SHIELD AIRBAG ASSEMBLY

- Check that the engine switch is off.
- Check that the battery negative (-) cable is disconnected.

CAUTION:

Wait for 90 seconds after disconnecting the cable to prevent airbag deployment.

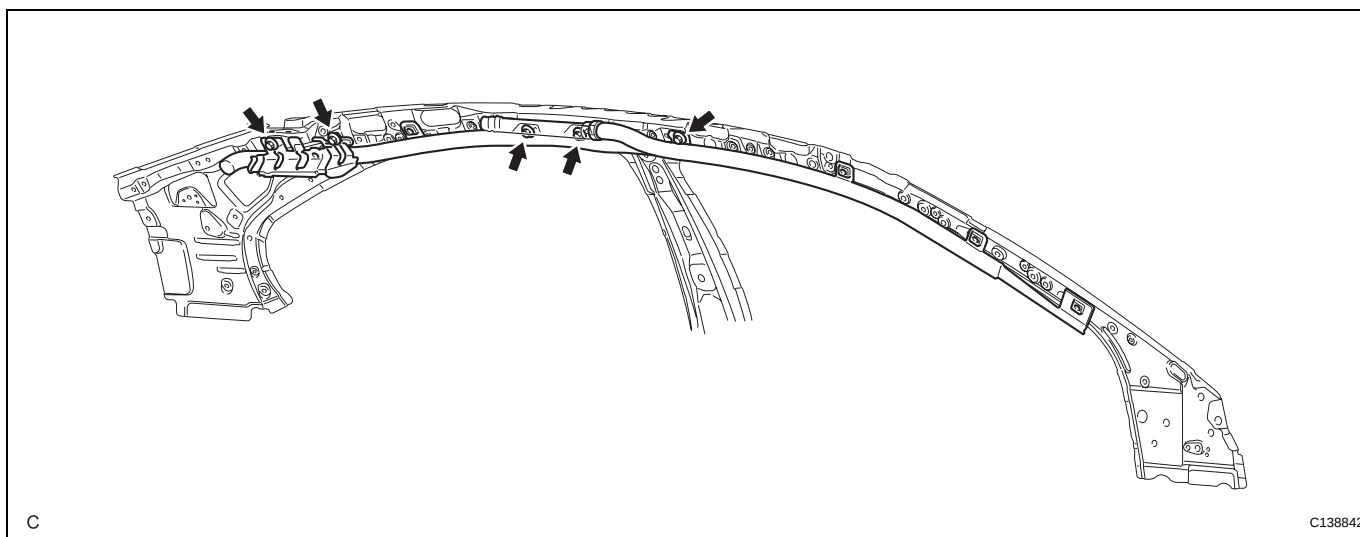
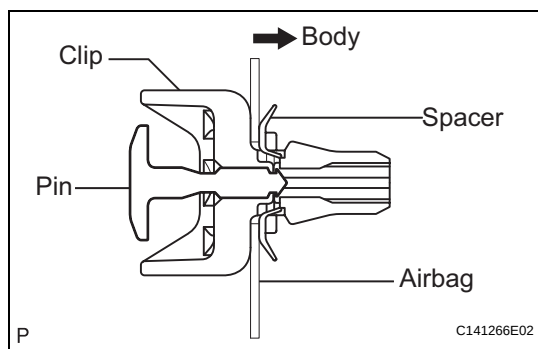
- Install 4 new clips and 4 new spacers to the curtain shield air bag assembly as shown in the illustration.

NOTICE:

- Do not push in the pin.
- Make sure that the clips are installed in the correct direction.
- Make sure that the spacers are installed properly, in the correct direction, and that they are not damaged.

- Install the curtain shield airbag assembly with 5 new bolts.

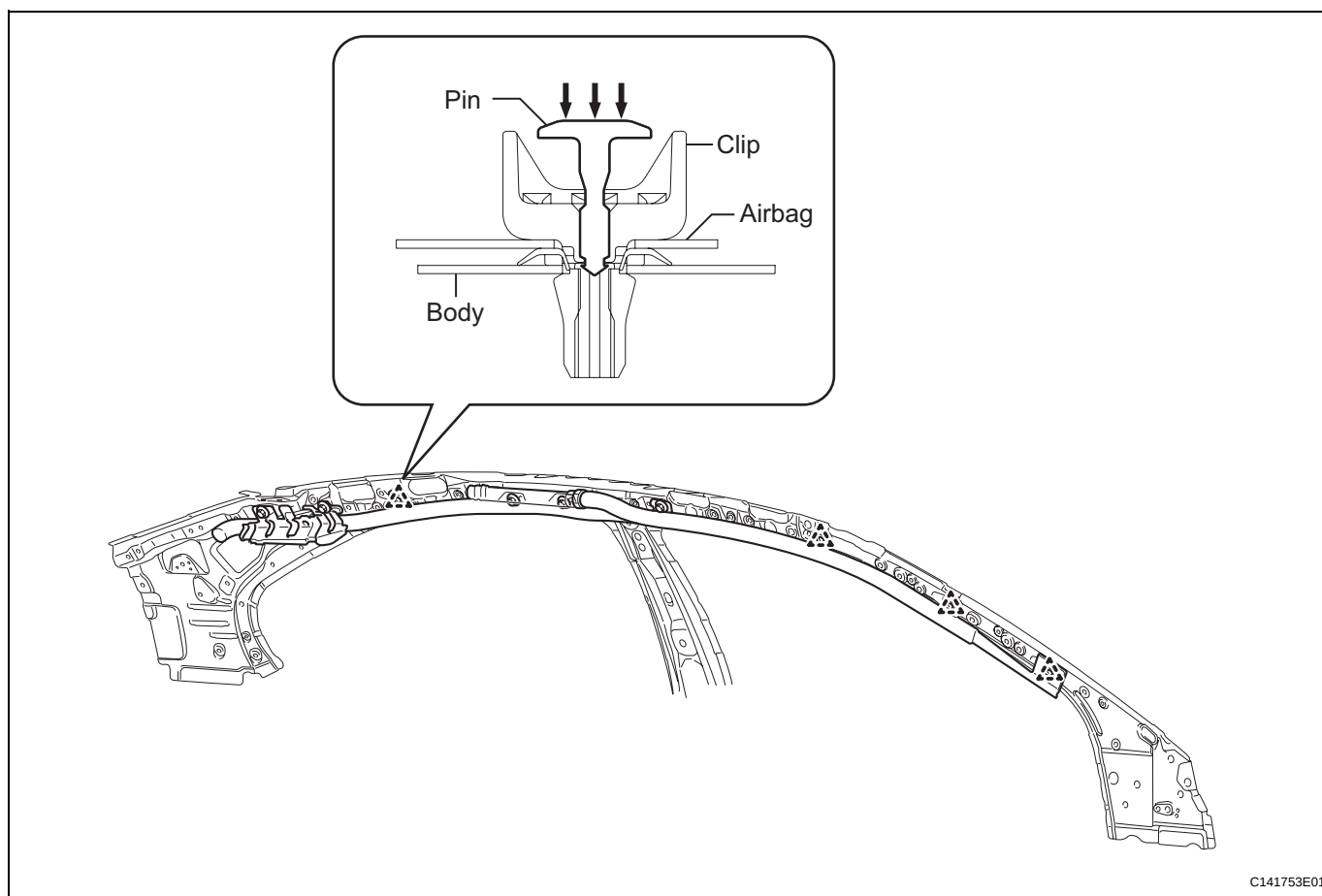
Torque: 11 N*m (112 kgf*cm, 8 ft.*lbf)



NOTICE:

Do not twist the curtain shield airbag assembly when installing it.

- (e) Install the 4 clips with the curtain shield airbag assembly to the body panel as shown in the illustration.

**NOTICE:**

Make sure that the pins of the clips are pushed in firmly.

- (f) Mark the clips.
HINT:
Mark the clips to make sure that they are not reused.
- (g) Connect the curtain shield airbag connector.

NOTICE:

When handling the airbag connector, take care not to damage the airbag wire harness.

2. **INSTALL ROOF HEADLINING ASSEMBLY (for Standard)** (See page [IR-56](#))
3. **INSTALL ROOF HEADLINING ASSEMBLY (for Glass Roof)** (See page [IR-57](#))
4. **INSTALL ASSIST GRIP SUB-ASSEMBLY** (See page [IR-58](#))
5. **INSTALL SPOT LIGHT ASSEMBLY (for Standard)** (See page [IR-59](#))
6. **INSTALL SPOT LIGHT ASSEMBLY (for Glass Roof)** (See page [IR-59](#))

7. INSTALL COAT HOOK (See page [IR-60](#))
8. INSTALL VISOR HOLDER (See page [IR-60](#))
9. INSTALL VISOR ASSEMBLY LH (See page [IR-60](#))
10. INSTALL VISOR ASSEMBLY RH (See page [IR-60](#))
11. INSTALL VISOR BRACKET COVER (See page [IR-60](#))
12. INSTALL ROOF CONSOLE BOX ASSEMBLY (See page [IR-60](#))
13. INSTALL RAIN SENSOR COVER (See page [WW-65](#))
14. INSTALL INNER REAR VIEW MIRROR STAY HOLDER COVER (See page [MI-44](#))
15. CONNECT STEREO COMPONENT AMPLIFIER ASSEMBLY CONNECTOR (w/ DVD Player) (See page [IR-61](#))
16. INSTALL LUGGAGE COMPARTMENT INNER TRIM COVER RH (w/ DVD Player) (See page [ED-88](#))
17. INSTALL REAR FLOOR FINISH PLATE (w/ DVD Player) (See page [ED-88](#))
18. INSTALL NO. 1 LUGGAGE COMPARTMENT TRIM HOOK (w/ DVD Player) (See page [ED-89](#))
19. INSTALL LUGGAGE HOLD BELT STRIKER ASSEMBLY (w/ DVD Player) (See page [ED-89](#))
20. INSTALL SPARE WHEEL COVER TRAY (w/ DVD Player)
21. INSTALL LUGGAGE COMPARTMENT FLOOR MAT (w/ DVD Player)
22. INSTALL FLOOR CARPET BRACKET LH (See page [PB-19](#))
23. INSTALL FLOOR CARPET BRACKET RH (See page [PB-19](#))
24. INSTALL SHIFT LEVER ASSEMBLY (See page [AX-240](#))
25. CONNECT TRANSMISSION CONTROL CABLE ASSEMBLY (See page [AX-241](#))
26. INSTALL NO. 2 CONSOLE BOX DUCT (See page [AC-163](#))
27. INSTALL NO. 3 CONSOLE BOX DUCT (See page [AC-163](#))
28. INSTALL REAR CONSOLE BOX ASSEMBLY (See page [IP-39](#))
29. INSTALL CONSOLE REAR END PANEL SUB-ASSEMBLY (See page [IP-40](#))
30. INSTALL CONSOLE BOX CARPET (See page [IP-41](#))
31. INSTALL CONSOLE BOX POCKET (See page [IP-41](#))

32. INSTALL HEATER SEAT SWITCH CONSOLE BASE (w/o Seat Heater System) (See page [IP-41](#))
33. INSTALL HEATER SEAT SWITCH CONSOLE BASE (w/ Seat Heater System) (See page [IP-41](#))
34. INSTALL UPPER CONSOLE PANEL ASSEMBLY WITH FRONT ASH RECEPTACLE (See page [IP-42](#))
35. INSTALL SHIFT LEVER KNOB SUB-ASSEMBLY (See page [IP-42](#))
36. INSTALL INSTRUMENT PANEL FINISH PANEL END LH (See page [IP-46](#))
37. INSTALL INSTRUMENT PANEL FINISH PANEL END RH (See page [IP-44](#))
38. INSTALL ROOF SIDE INNER GARNISH ASSEMBLY LH (See page [IR-62](#))
39. INSTALL REAR SEAT SIDE GARNISH LH (w/o Rear Seat Side Airbag) (See page [IR-62](#))
40. INSTALL REAR SEAT SIDE AIRBAG ASSEMBLY LH (w/ Rear Seat Side Airbag) (See page [RS-460](#))
41. INSTALL UPPER CENTER PILLAR GARNISH LH (See page [IR-63](#))
42. INSTALL LOWER CENTER PILLAR GARNISH LH (See page [IR-63](#))
43. INSTALL REAR DOOR SCUFF PLATE LH (See page [IR-63](#))
44. INSTALL FRONT PILLAR GARNISH LH (See page [IR-64](#))
45. INSTALL SIDE INSTRUMENT PANEL LH (See page [IP-47](#))
46. INSTALL FRONT DOOR OPENING TRIM COVER LH (See page [IR-64](#))
47. INSTALL FRONT DOOR SCUFF PLATE LH (See page [IR-65](#))
48. INSTALL ROOF SIDE INNER GARNISH ASSEMBLY RH (See page [IR-65](#))
49. INSTALL REAR SEAT SIDE GARNISH RH (w/o Rear Seat Side Airbag) (See page [IR-65](#))
50. INSTALL REAR SEAT SIDE AIRBAG ASSEMBLY RH (w/ Rear Seat Side Airbag)
HINT:
Use the same procedure for the RH side and the LH side.
51. INSTALL UPPER CENTER PILLAR GARNISH RH (See page [IR-65](#))
52. INSTALL LOWER CENTER PILLAR GARNISH RH (See page [IR-65](#))

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53. INSTALL REAR DOOR SCUFF PLATE RH (See page [IR-65](#))
54. INSTALL FRONT PILLAR GARNISH RH (See page [IR-65](#))
55. INSTALL SIDE INSTRUMENT PANEL RH (See page [IP-43](#))
56. INSTALL FRONT DOOR OPENING TRIM COVER RH (See page [IR-65](#))
57. INSTALL FRONT DOOR SCUFF PLATE RH (See page [IR-65](#))
58. INSTALL FRONT SEAT ASSEMBLY LH (See page [SE-109](#))
59. INSTALL FRONT SEAT REAR OUTER TRACK BRACKET COVER LH (See page [SE-110](#))
60. INSTALL FRONT SEAT REAR INNER TRACK BRACKET COVER LH (See page [SE-110](#))
61. INSTALL FRONT SEAT OUTER TRACK BRACKET COVER LH (See page [SE-110](#))
62. INSTALL FRONT SEAT INNER TRACK BRACKET COVER LH (See page [SE-110](#))
63. INSTALL FRONT SEAT HEADREST ASSEMBLY (for Driver Seat)
64. CONNECT FRONT SEAT OUTER BELT ASSEMBLY LH (See page [SB-31](#))
65. INSTALL SEAT BELT ANCHOR COVER CAP LH (See page [SB-31](#))
66. DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL
CAUTION:
Wait for 90 seconds after disconnecting the cable to prevent airbag deployment.
67. INSTALL FRONT SEAT ASSEMBLY RH (See page [RS-497](#))
68. INSTALL FRONT SEAT REAR OUTER TRACK BRACKET COVER RH (See page [RS-498](#))
69. INSTALL FRONT SEAT REAR INNER TRACK BRACKET COVER RH (See page [RS-498](#))
70. INSTALL FRONT SEAT OUTER TRACK BRACKET COVER RH (See page [RS-498](#))
71. INSTALL FRONT SEAT INNER TRACK BRACKET COVER RH (See page [RS-498](#))
72. INSTALL FRONT SEAT HEADREST ASSEMBLY (for Front Passenger Seat)
73. CONNECT FRONT SEAT OUTER BELT ASSEMBLY RH (See page [RS-499](#))

74. INSTALL SEAT BELT ANCHOR COVER CAP RH (See page [RS-499](#))
75. INSTALL REAR SEATBACK ASSEMBLY (See page [SE-121](#))
76. INSTALL REAR CENTER SEAT HEADREST ASSEMBLY
77. INSTALL REAR SEAT HEADREST ASSEMBLY
78. INSTALL REAR SEAT CUSHION ASSEMBLY (See page [SE-121](#))
79. PERFORM INITIALIZATION
 - (a) Perform initialization (See page [IN-33](#)).
HINT:
Some systems need initialization after reconnecting the cable to the negative battery terminal.
80. INSPECT SHIFT LEVER POSITION (See page [AX-200](#))
81. ADJUST SHIFT LEVER POSITION (See page [AX-200](#))
82. INSPECT CURTAIN SHIELD AIRBAG ASSEMBLY (See page [RS-434](#))
83. INSPECT FRONT SEAT ASSEMBLY (See page [SE-110](#))
84. INSPECT SRS WARNING LIGHT
 - (a) Inspect the SRS warning light (See page [RS-37](#)).

DISPOSAL

HINT:

When scrapping a vehicle equipped with the SRS or disposing of the curtain shield airbag assembly, be sure to deploy the airbag first in accordance with the procedure described below. If any abnormality occurs with the airbag deployment, contact the SERVICE DEPT. of TOYOTA MOTOR SALES, U.S.A., INC.

CAUTION:

- Never dispose of a curtain shield airbag assembly that has an undeployed airbag.
- The airbag produces an exploding sound when it is deployed, so perform the operation outdoors and where it will not create a nuisance to nearby residents.
- When deploying the airbag, always use the specified SST (SRS Airbag Deployment Tool). Perform the operation in a place away from electrical noise.
- When deploying the airbag, perform the operation at least 10 m (33 ft) away from the curtain shield airbag assembly.
- The curtain shield airbag assembly becomes extremely hot when the airbag is deployed, so do not touch it for at least 30 minutes after deployment.
- Use gloves and safety glasses when handling a curtain shield airbag assembly with a deployed airbag.
- Do not apply water, etc. to a curtain shield airbag assembly with a deployed airbag.
- Always wash your hands with water after completing the operation.

1. DISPOSE OF CURTAIN SHIELD AIRBAG ASSEMBLY (WHEN INSTALLED IN VEHICLE)

HINT:

Prepare a battery as the power source to deploy the airbag.

- Check the function of the SST (See page [RS-370](#)).
- Refer to PRECAUTION (See page [RS-1](#)).
- Disconnect the cable from the negative battery terminal.

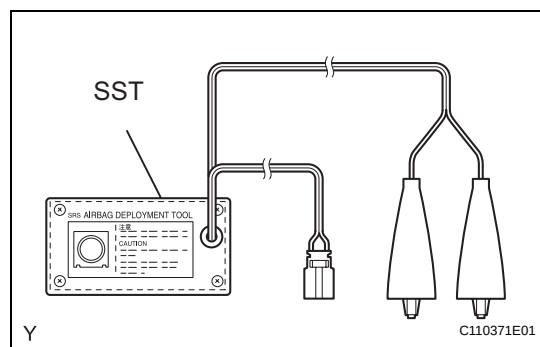
CAUTION:

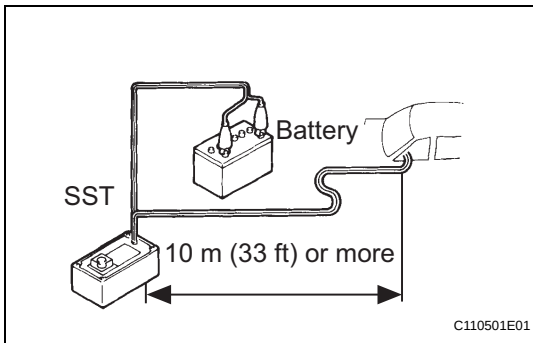
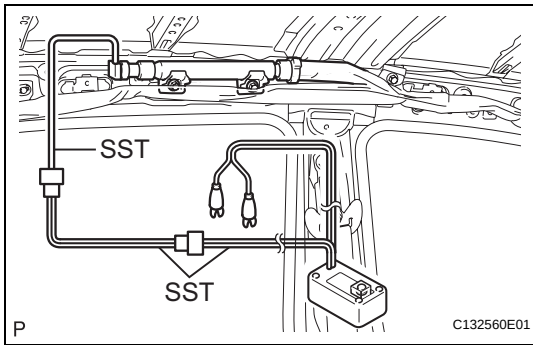
Wait for 90 seconds after disconnecting the cable to prevent airbag deployment.

- Remove the roof headlining assembly (See page [IR-38](#)).
- Install the SST.
 - Disconnect the connector from the curtain shield airbag assembly.

NOTICE:

When handling the airbag connector, take care not to damage the airbag wire harness.





- (2) After connecting the SST below to each other, connect them to the curtain shield airbag assembly.

SST 09082-00700, 09082-00802 (09082-10801, 09082-20801)

NOTICE:

To avoid damaging the SST connector and wire harness, do not lock the secondary lock of the twin lock.

RS

- (3) Move the SST at least 10 m (33 ft) away from the vehicle rear side window.
 (4) Maintaining enough clearance for the SST wire harness in the rear side window, close all doors and windows of the vehicle.

NOTICE:

Take care not to damage the SST wire harness.

- (5) Connect the red clip of the SST to the battery positive (+) terminal and the black clip of the SST to the battery negative (-) terminal.
 (f) Deploy the airbag.
 (1) Check that no one is inside the vehicle or within a 10 m (33 ft) radius of the vehicle.
 (2) Press the SST activation switch and deploy the airbag.

CAUTION:

- When deploying the airbag, make sure that no one is near the vehicle.
- The curtain shield airbag assembly becomes extremely hot when the airbag is deployed, so do not touch it for at least 30 minutes after deployment.
- Use gloves and safety glasses when handling a curtain shield airbag assembly with a deployed airbag.
- Do not apply water, etc. to a curtain shield airbag assembly with a deployed airbag.
- Always wash your hands with water after completing the operation.

HINT:

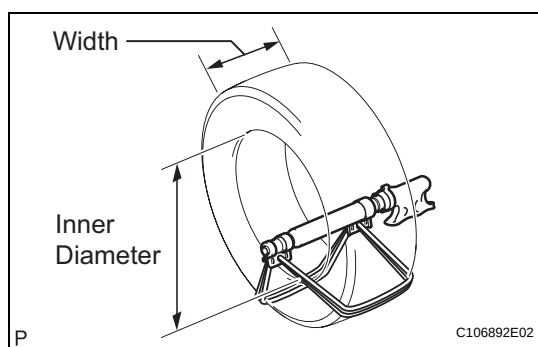
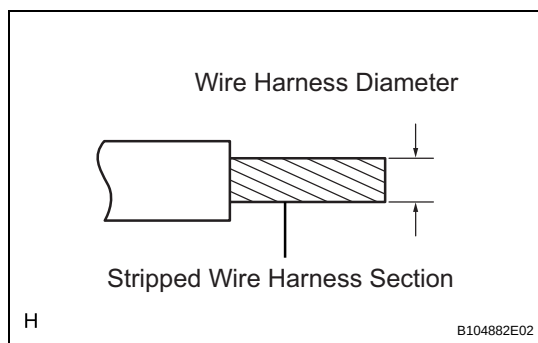
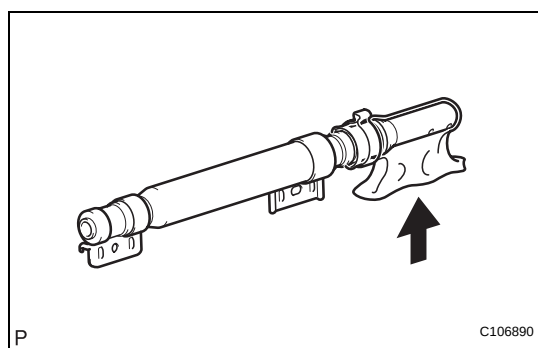
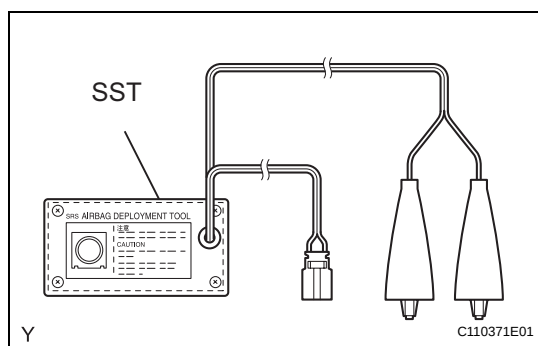
The airbag is deployed as the LED of the SST activation switch comes on.

2. DISPOSE OF CURTAIN SHIELD AIRBAG ASSEMBLY (WHEN NOT INSTALLED IN VEHICLE)

NOTICE:

- When disposing of the curtain shield airbag assembly, never use the customer's vehicle to deploy the airbag.
- Be sure to follow the procedure detailed below when deploying the airbag.

RS

**HINT:**

Prepare a battery as the power source to deploy the airbag.

- (a) Check the function of the SST (See page [RS-372](#)).
- (b) Remove the curtain shield airbag assembly (See page [RS-435](#)).

CAUTION:

When removing the curtain shield airbag assembly, work must be started 90 seconds after the engine switch is turned off and the negative (-) terminal cable is disconnected from the battery.

- (c) Cut off the deployment section of the curtain shield airbag assembly.

- (d) Using a service-purpose wire harness for the vehicle, tie down the curtain shield airbag assembly to the tire.

Wire harness:

Stripped wire harness section

1.25 mm² or more (0.0019 in.² or more)

CAUTION:

If the wire harness is too thin or an alternative object is used to tie down the curtain shield airbag assembly, it may be snapped by the shock when the airbag is deployed. Always use a wire harness for vehicle use with an area of at least 1.25 mm² (0.0019 in.²).

HINT:

To calculate the area of the stripped wire harness section:

$$\text{Area} = 3.14 \times (\text{Diameter})^2 \text{ divided by } 4$$

- (1) Position the curtain shield airbag assembly inside the tire as shown in the illustration.

Tire size:

Must exceed the following dimensions

Width:

185 mm (7.28 in.)

Inner diameter:

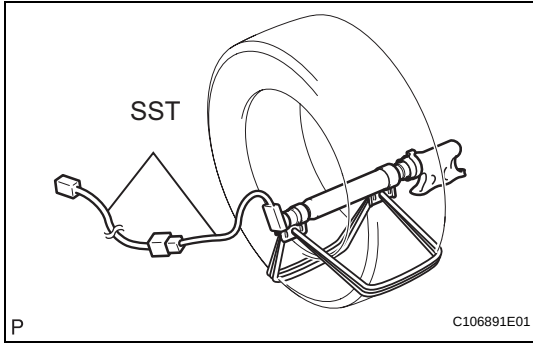
360 mm (14.17 in.)

CAUTION:

Make sure that the wire harness is tight. If there is slack in the wire harness, the curtain shield airbag assembly may become loose due to the shock when the airbag is deployed.

NOTICE:

The tire may be damaged by the airbag deployment, so use an extra tire.



- (e) Install the SST.

- (1) After connecting the SST below to each other, connect them to the curtain shield airbag assembly.

SST 09082-00802 (09082-10801, 09082-20801)

- (f) Place the tires.

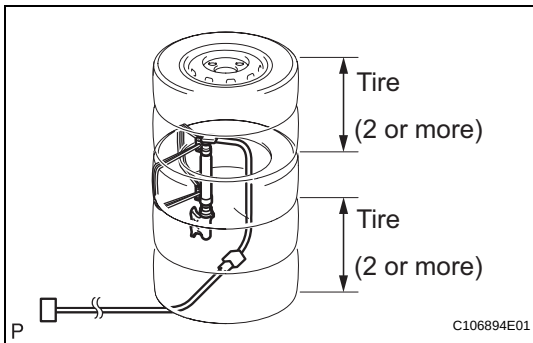
CAUTION:

Do not place the deployment direction of the curtain shield airbag assembly facing toward the ground.

- (1) Place at least 2 tires under the tire which the curtain shield airbag assembly is tied to.
- (2) Place at least 2 tires over the tire which the curtain shield airbag assembly is tied to. The top tire should have the disc wheel installed.

NOTICE:

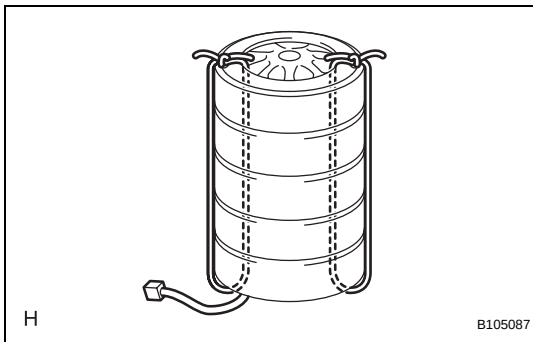
Do not place the SST connector under the tire because it could be damaged.



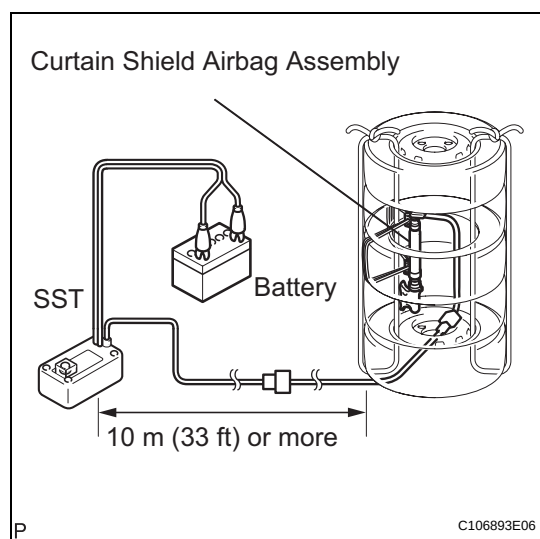
- (3) Tie the tires together with 2 wire harnesses.

CAUTION:

Make sure that the wire harness is tight. Looseness in the wire harness results in the tires coming free due to the shock when the airbag is deployed.



RS



(g) Install the SST.

(1) Connect the SST connector.

SST 09082-00700**NOTICE:**

To avoid damaging the SST connector and wire harness, do not lock the secondary lock of the twin lock. Also, secure some slack for the SST wire harness inside the tire.

(2) Move the SST at least 10 m (33 ft) away from the airbag tied down to the tire.

(h) Deploy the airbag.

(1) Connect the red clip of the SST to the battery positive (+) terminal and the black clip of the SST to the battery negative (-) terminal.

(2) Check that no one is within a 10 m (33 ft) radius of the tire which the curtain shield airbag assembly is tied to.

(3) Press the SST activation switch and deploy the airbag.

CAUTION:

When deploying the airbag, make sure that no one is near the tire.

HINT:

The airbag is deployed as the LED of the SST activation switch comes on.

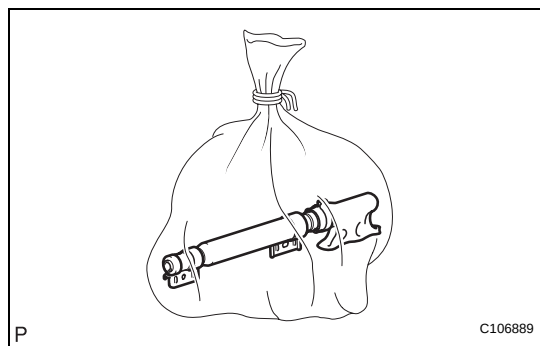
(i) Dispose of the curtain shield airbag assembly.

CAUTION:

- The curtain shield airbag assembly becomes extremely hot when the airbag is deployed, so do not touch it for at least 30 minutes after deployment.
- Use gloves and safety glasses when handling a curtain shield airbag assembly with a deployed airbag.
- Do not apply water, etc. to a curtain shield airbag assembly with a deployed airbag.
- Always wash your hands with water after completing the operation.

(1) Remove the curtain shield airbag assembly from the tire.

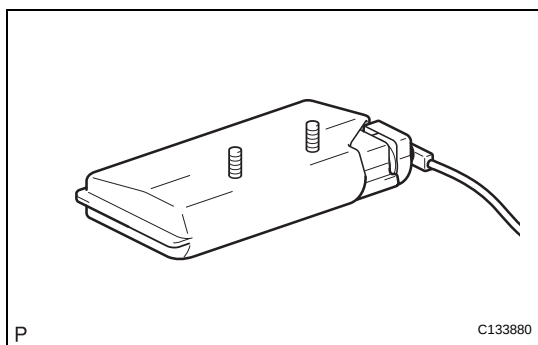
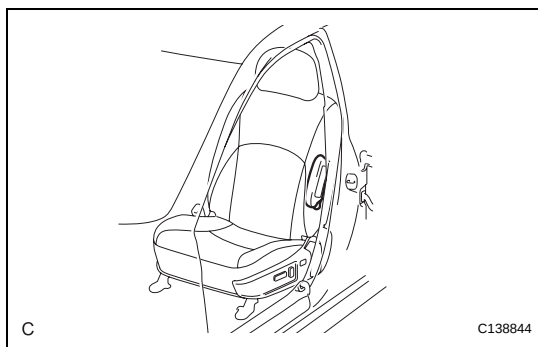
(2) Place the curtain shield airbag assembly in a plastic bag, tie it tightly and dispose of it as other general part disposal.



FRONT SEAT SIDE AIRBAG ASSEMBLY

ON-VEHICLE INSPECTION

RS



1. FRONT SEAT SIDE AIRBAG ASSEMBLY (VEHICLE NOT INVOLVED IN COLLISION)

- (a) Perform a diagnostic system check (See page [RS-37](#)).
- (b) With the front seat side airbag assembly installed on the vehicle, perform a visual check. If there are any defects as mentioned below, replace the front seat assembly with a new one:
Cuts, minute cracks or marked discoloration on the front seatback assembly around the front seat side airbag assembly.

2. FRONT SEAT SIDE AIRBAG ASSEMBLY (VEHICLE INVOLVED IN COLLISION AND AIRBAG HAS NOT DEPLOYED)

- (a) Perform a diagnostic system check (See page [RS-37](#)).
- (b) With the front seat side airbag assembly removed from the vehicle, perform a visual check. If there are any defects as mentioned below, replace the front seat assembly with a new one:
 - Cuts, minute cracks or marked discoloration on the front seat side airbag assembly.
 - Cracks or other damage to the wire harness or connector.
 - Deformation or cracks on the front seat assembly.

CAUTION:

Be sure to follow the correct removal and installation procedures.

DISPOSAL

HINT:

When scrapping a vehicle equipped with the SRS or disposing of the front seat side airbag assembly, be sure to deploy the airbag first in accordance with the procedure described below. If any abnormality occurs with the airbag deployment, contact the SERVICE DEPT. of TOYOTA MOTOR SALES, U.S.A., INC.

CAUTION:

- Never dispose of a front seat side airbag assembly that has an undeployed airbag.
- The airbag produces an exploding sound when it is deployed, so perform the operation outdoors and where it will not create a nuisance to nearby residents.
- When deploying the airbag, always use the specified SST (SRS Airbag Deployment Tool). Perform the operation in a place away from electrical noise.
- When deploying the airbag, perform the operation at least 10 m (33 ft) away from the front seat side airbag assembly.
- The front seat side airbag assembly becomes extremely hot when the airbag is deployed, so do not touch it for at least 30 minutes after deployment.
- Use gloves and safety glasses when handling a front seat side airbag assembly with a deployed airbag.
- Do not apply water, etc. to a front seat side airbag assembly with a deployed airbag.
- Always wash your hands with water after completing the operation.

1. DISPOSE OF FRONT SEAT SIDE AIRBAG ASSEMBLY (WHEN INSTALLED IN VEHICLE)

HINT:

Prepare a battery as the power source to deploy the airbag.

- Check the function of the SST (See page [RS-370](#)).
- Refer to PRECAUTION (See page [RS-1](#)).
- Disconnect the cable from the negative battery terminal.

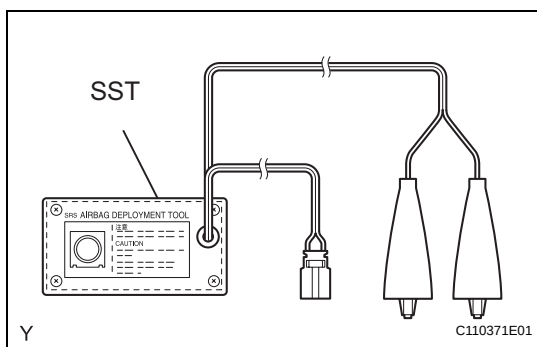
CAUTION:

Wait for 90 seconds after disconnecting the cable to prevent airbag deployment.

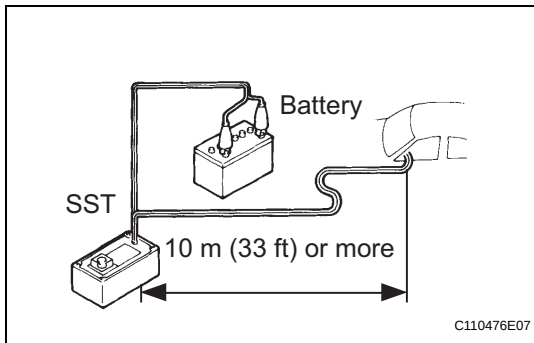
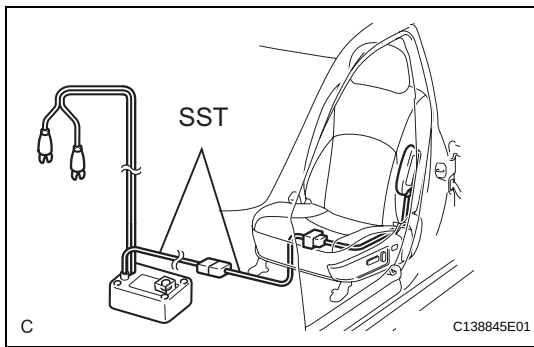
- Remove the front seat assembly (See page [SE-83](#)).
- Install the SST.
- Disconnect the connector (yellow colored one) from the front seat side airbag assembly.

NOTICE:

When handling the airbag connector, take care not to damage the airbag wire harness.



RS



- (2) Connect the SST connector to the front seat side airbag assembly connector.

SST 09082-00700, 09082-00750

NOTICE:

To avoid damaging the SST connector and wire harness, do not lock the secondary lock of the twin lock.

- (3) Install the front seat assembly (See page [SE-109](#)).

- (4) Move the SST at least 10 m (33 ft) away from the vehicle front side window.
- (5) Maintaining enough clearance for the SST wire harness in the front side window, close all doors and windows of the vehicle.

NOTICE:

Take care not to damage the SST wire harness.

- (6) Connect the red clip of the SST to the battery positive (+) terminal and the black clip of the SST to the battery negative (-) terminal.
- (f) Deploy the airbag.
 - (1) Check that no one is inside the vehicle or within a 10 m (33 ft) radius of the vehicle.
 - (2) Press the SST activation switch and deploy the airbag.

CAUTION:

- When deploying the airbag, make sure that no one is near the vehicle.
- The front seat side airbag assembly becomes extremely hot when the airbag is deployed, so do not touch it for at least 30 minutes after deployment.
- Use gloves and safety glasses when handling a front seat side airbag assembly with a deployed airbag.
- Do not apply water, etc. to a front seat side airbag assembly with a deployed airbag.
- Always wash your hands with water after completing the operation.

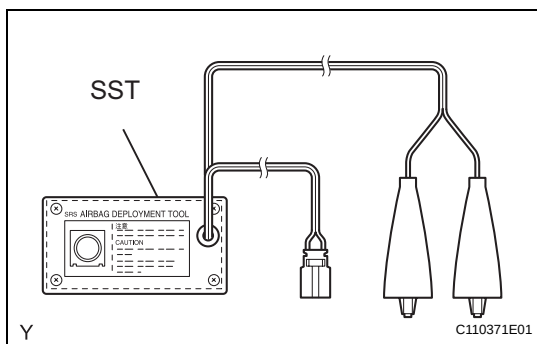
HINT:

The airbag is deployed as the LED of the SST activation switch comes on.

2. DISPOSE OF FRONT SEAT SIDE AIRBAG ASSEMBLY (WHEN NOT INSTALLED IN VEHICLE)

NOTICE:

- When disposing of the front seat side airbag assembly, never use the customer's vehicle to deploy the airbag.
- Be sure to follow the procedure detailed below when deploying the airbag.

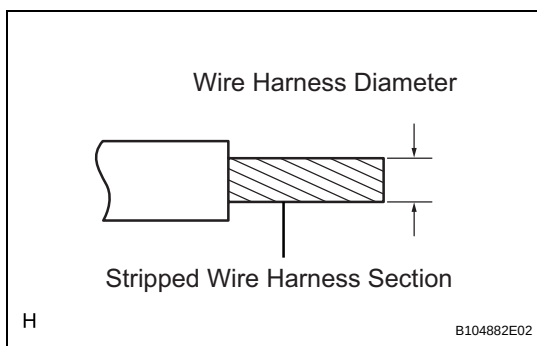
**HINT:**

Prepare a battery as the power source to deploy the airbag.

- (a) Check the function of the SST (See page RS-372).
- (b) Remove the front seat side airbag assembly.
 - (1) Remove the front seat assembly (See page SE-83).
 - (2) Remove the 2 nuts and the front seat side airbag assembly from the seatback assembly. (See page SE-84)

CAUTION:

- When removing the front seat side airbag assembly, work must be started 90 seconds after the engine switch is turned off and the negative (-) terminal cable is disconnected from the battery.
- When storing the front seat side airbag assembly, keep the airbag deployment side facing upward.



- (c) Using a service-purpose wire harness for the vehicle, tie down the front seat side airbag assembly to the tire.

Wire harness:**Stripped wire harness section**

1.25 mm² or more (0.0019 in.² or more)

CAUTION:

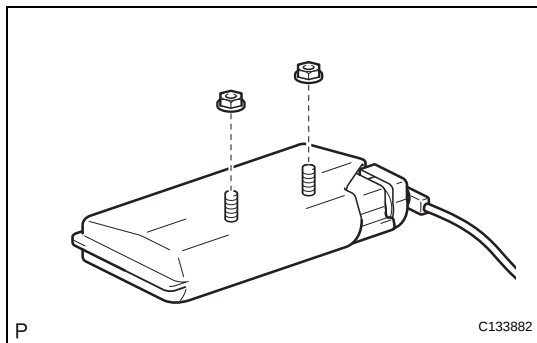
If the wire harness is too thin or an alternative object is used to tie down the front seat side airbag assembly, it may be snapped by the shock when the airbag is deployed. Always use a wire harness for vehicle use with an area of at least 1.25 mm² (0.0019 in.²).

HINT:

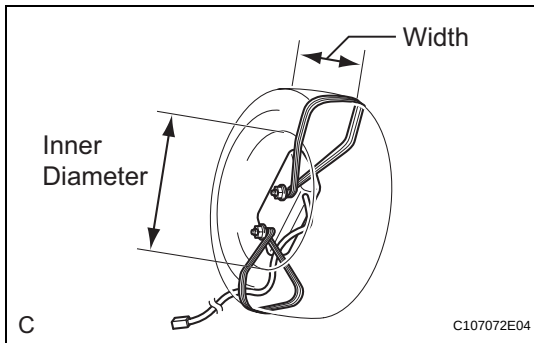
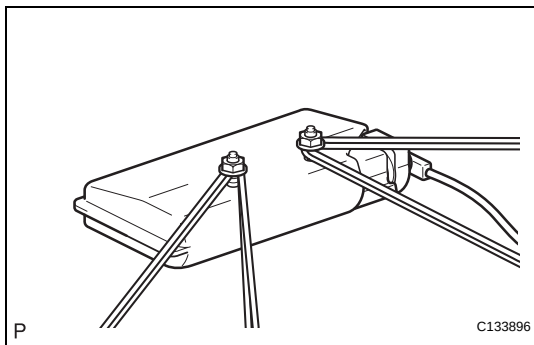
To calculate the area of the stripped wire harness section:

$$\text{Area} = 3.14 \times (\text{Diameter})^2 \text{ divided by } 4$$

- (1) Install the 2 nuts to the front seat side airbag assembly.



RS



- (2) Wind the wire harness around the stud bolts of the front seat side airbag assembly as shown in the illustration.

- (3) Position the front seat side airbag assembly inside the tire.

Tire size:

Must exceed the following dimensions

Width:

185 mm (7.28 in.)

Inner diameter:

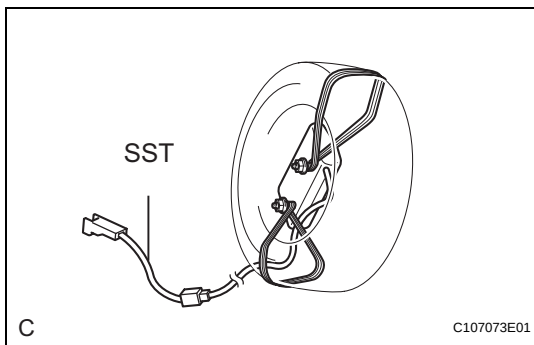
360 mm (14.17 in.)

CAUTION:

- **Make sure that the wire harness is tight.** If there is slack in wire harness, the front seat side airbag assembly may become loose due to the shock when the airbag is deployed.
- **Always tie down the front seat side airbag assembly with the airbag deployment direction facing inside the tire.**

NOTICE:

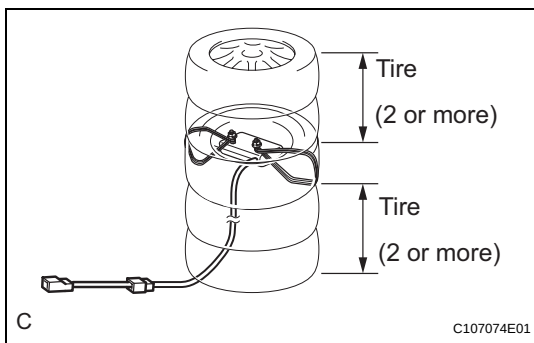
The tire will be marked by the airbag deployment, so use an extra tire.



- (d) Install the SST.

- (1) Connect the SST connector to the front seat side airbag assembly connector.

SST 09082-00750

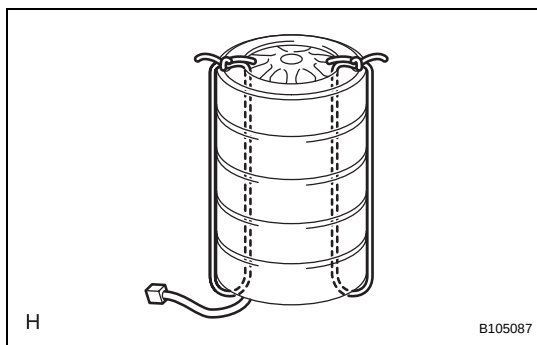


- (e) Place the tires.

- (1) Place at least 2 tires under the tire which the front seat side airbag assembly is tied to.
- (2) Place at least 2 tires over the tire which the front seat side airbag assembly is tied to. The top tire should have the disc wheel installed.

NOTICE:

Do not place the SST connector under the tire because it could be damaged.

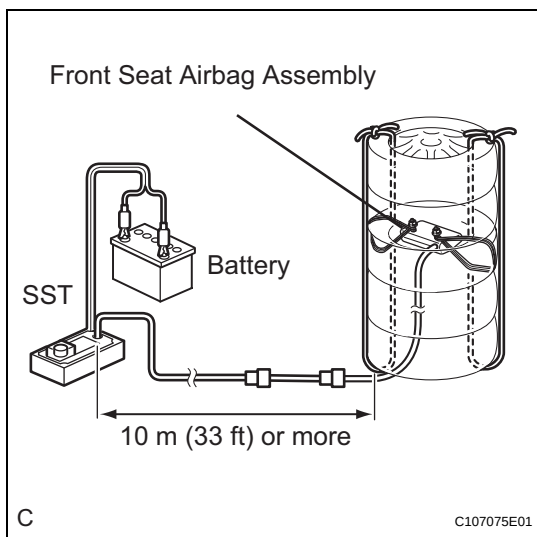


- (3) Tie the tires together with 2 wire harnesses.

CAUTION:

Make sure that the wire harness is tight. Looseness in the wire harness results in the tires coming free due to the shock when the airbag is deployed.

RS



- (f) Install the SST.

- (1) Connect the SST connector.

SST 09082-00700

NOTICE:

To avoid damaging the SST connector and wire harness, do not lock the secondary lock of the twin lock. Also, secure some slack for the SST wire harness inside the tire.

- (2) Move the SST at least 10 m (33 ft) away from the airbag tied down to the tire.

- (g) Deploy the airbag.

- (1) Connect the red clip of the SST to the battery positive (+) terminal and the black clip of the SST to the battery negative (-) terminal.

- (2) Check that no one is within a 10 m (33 ft) radius of the tire which the front seat side airbag assembly is tied to.

- (3) Press the SST activation switch and deploy the airbag.

CAUTION:

When deploying the airbag, make sure that no one is near the tire.

HINT:

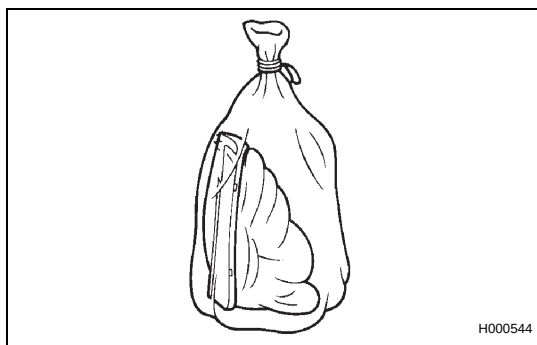
The airbag is deployed as the LED of the SST activation switch comes on.

- (h) Dispose of the front seat side airbag assembly.

CAUTION:

- The front seat side airbag assembly becomes extremely hot when the airbag is deployed, so do not touch it for at least 30 minutes after deployment.
- Use gloves and safety glasses when handling a front seat side airbag assembly with a deployed airbag.
- Do not apply water, etc. to a front seat side airbag assembly with a deployed airbag.
- Always wash your hands with water after completing the operation.

- (1) Remove the front seat side airbag assembly from the tire.

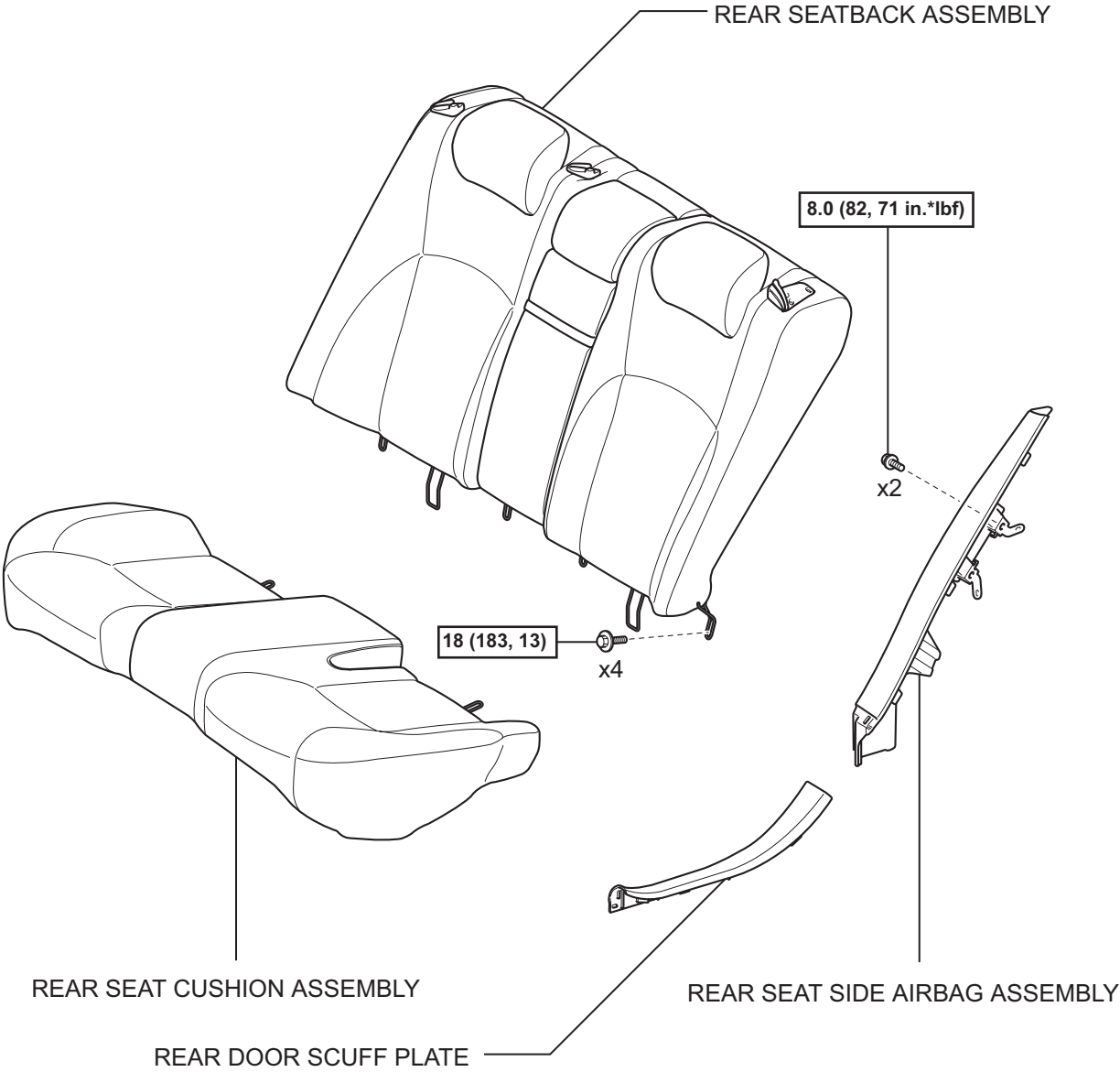


- (2) Place the front seat side airbag assembly in a plastic bag, tie it tightly and dispose of it as other general part disposal.

REAR SEAT SIDE AIRBAG ASSEMBLY

COMPONENTS

RS

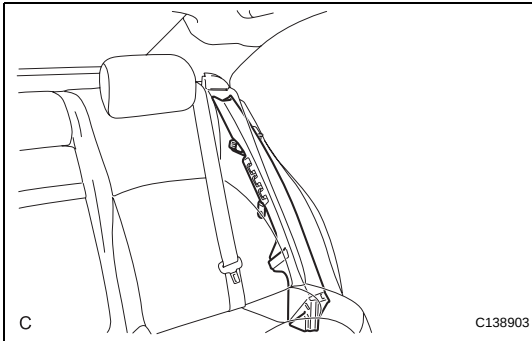


N*m (kgf*cm, ft.*lbf) : Specified torque

ON-VEHICLE INSPECTION

1. INSPECT REAR SEAT SIDE AIRBAG ASSEMBLY (VEHICLE NOT INVOLVED IN COLLISION)

- (a) Perform a diagnostic system check (see page [RS-37](#)).
- (b) With the rear seat side airbag assembly installed on the vehicle, perform a visual check. If there are any defects as mentioned below, replace the rear seat side airbag assembly with a new one:
Cuts, minute cracks or marked discoloration on the rear seat side airbag assembly.

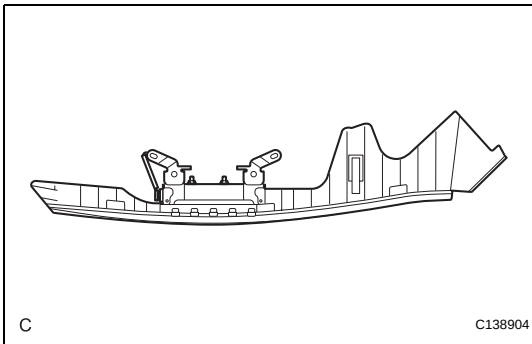
RS

2. INSPECT REAR SEAT SIDE AIRBAG ASSEMBLY (VEHICLE INVOLVED IN COLLISION AND AIRBAG HAS NOT DEPLOYED)

- (a) Perform a diagnostic system check (see page [RS-37](#)).
- (b) With the rear seat side airbag assembly removed from the vehicle, perform a visual check. If there are any defects as mentioned below, replace the rear seat side airbag assembly with a new one:
 - Cuts, minute cracks or marked discoloration on the rear seat side airbag assembly.
 - Cracks or other damage to the connector.

CAUTION:

Be sure to follow the correct removal and installation procedure.



RS

REMOVAL

1. PRECAUTION

CAUTION:

Be sure to read "PRECAUTION" thoroughly before servicing (See page [RS-1](#)).

2. DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL

CAUTION:

Wait for 90 seconds after disconnecting the cable to prevent airbag deployment.

3. REMOVE REAR SEAT CUSHION ASSEMBLY (See page [SE-113](#))

4. REMOVE REAR SEATBACK ASSEMBLY (See page [SE-113](#))

5. REMOVE REAR DOOR SCUFF PLATE (See page [IR-40](#))

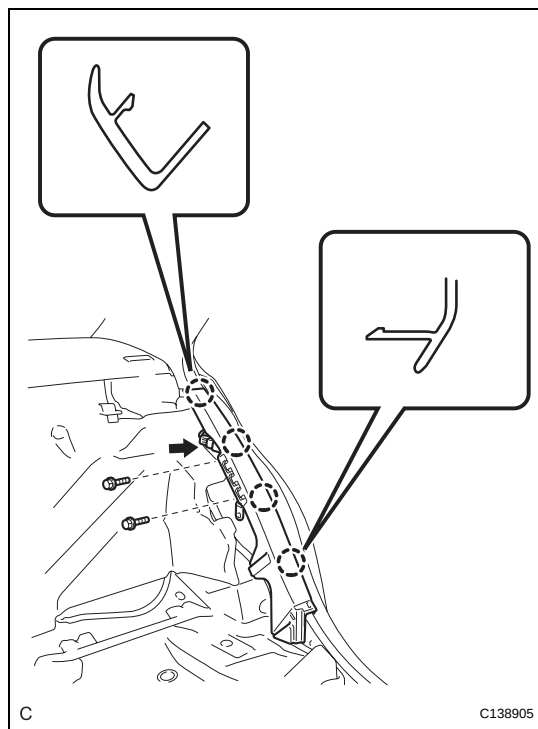
6. REMOVE REAR SEAT SIDE AIRBAG ASSEMBLY

- (a) Disconnect the rear seat side airbag connector.

NOTICE:

When handling the airbag connector, take care not to damage the airbag wire harness.

- (b) Remove the 2 bolts.
(c) Disengage the 4 claws and remove the rear seat side airbag assembly.



INSTALLATION

1. INSTALL REAR SEAT SIDE AIRBAG ASSEMBLY

- (a) Check that the engine switch is off.
- (b) Check that the battery negative (-) cable is disconnected.

CAUTION:

Wait for 90 seconds after disconnecting the cable to prevent airbag deployment.

- (c) Engage the 4 claws.
- (d) Install the rear seat side airbag assembly with the 2 bolts.

Torque: 8.0 N*m (82 kgf*cm, 71 in.*lbf)

- (e) Connect the rear seat side airbag connector.

NOTICE:

When handling the airbag connector, take care not to damage the airbag wire harness.

2. INSTALL REAR DOOR SCUFF PLATE (See page [IR-63](#))

3. INSTALL REAR SEATBACK ASSEMBLY (See page [SE-121](#))

4. INSTALL REAR SEAT CUSHION ASSEMBLY (See page [SE-121](#))

5. CONNECT CABLE TO NEGATIVE BATTERY TERMINAL

6. PERFORM INITIALIZATION

- (a) Perform initialization (See page [IN-5](#)).

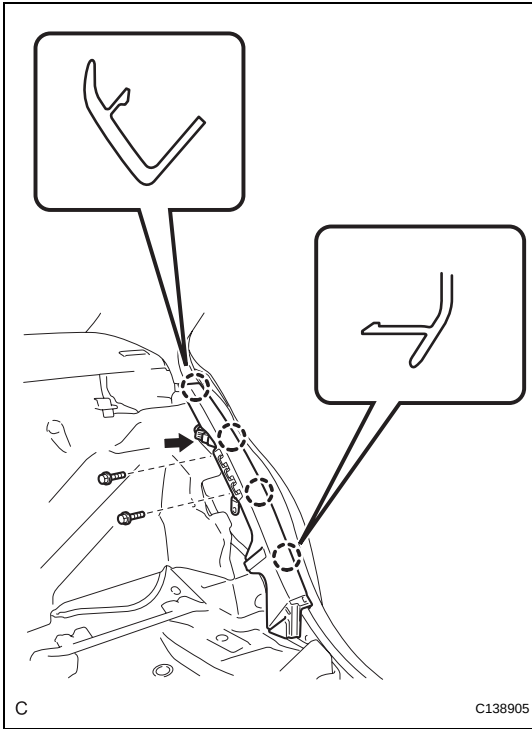
HINT:

Some systems need initialization after reconnecting the cable to the negative battery terminal.

7. INSPECT REAR SEAT SIDE AIRBAG ASSEMBLY (See page [RS-459](#))

8. INSPECT SRS WARNING LIGHT

- (a) Inspect the SRS warning light (See page [RS-37](#)).



DISPOSAL

HINT:

When scrapping a vehicle equipped with the SRS or disposing of the rear seat side airbag assembly, be sure to deploy the airbag first in accordance with the procedure described below. If any abnormality occurs with the airbag deployment, contact the SERVICE DEPT. of TOYOTA MOTOR SALES, U.S.A., INC.

CAUTION:

- **Never dispose of a rear seat side airbag assembly that has an undeployed airbag.**
- **The airbag produces an exploding sound when it is deployed, so perform the operation outdoors and where it will not create a nuisance to nearby residents.**
- **When deploying the airbag, always use the specified SST (SRS Airbag Deployment Tool). Perform the operation in a place away from electrical noise.**
- **When deploying the airbag, perform the operation at least 10 m (33 ft) away from the rear seat side airbag assembly.**
- **The rear seat side airbag assembly becomes extremely hot when the airbag is deployed, so do not touch it for at least 30 minutes after deployment.**
- **Use gloves and safety glasses when handling a rear seat side airbag assembly with a deployed airbag.**
- **Do not apply water, etc. to a rear seat side airbag assembly with a deployed airbag.**
- **Always wash your hands with water after completing the operation.**

1. DISPOSE OF REAR SEAT SIDE AIRBAG ASSEMBLY (WHEN INSTALLED IN VEHICLE)

HINT:

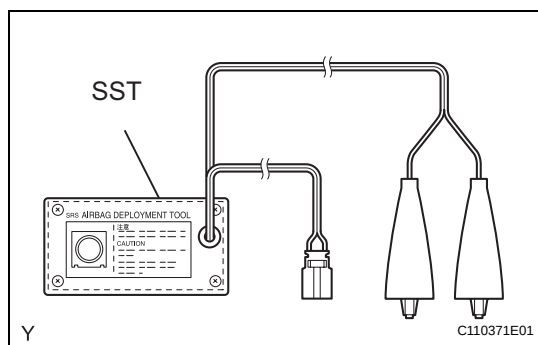
Prepare a battery as the power source to deploy the airbag.

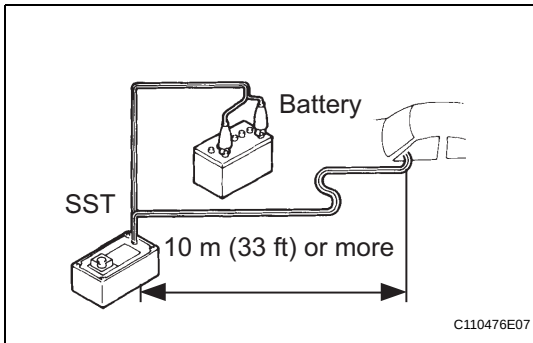
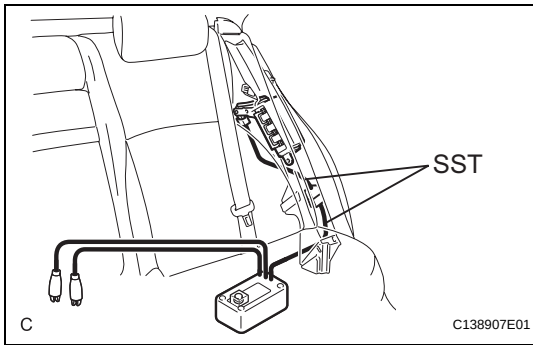
- Check the function of the SST (see page [RS-370](#)).
- Refer to PRECAUTION (see page [RS-1](#)).
- Disconnect the cable from the negative battery terminal.

CAUTION:

Wait for 90 seconds after disconnecting the cable to prevent airbag deployment.

- Remove the rear seat side airbag assembly (see page [RS-459](#)).





(e) Install the SST.

- (1) Connect the SST connector to the rear seat side airbag assembly.

SST 09082-00700, 09082-00750

NOTICE:

To avoid damaging the SST connector and wire harness, do not lock the secondary lock of the twin lock.

- (2) Install the rear seat side airbag assembly (see page [RS-460](#)).

NOTICE:

Take care not to damage the SST wire harness.

- (3) Move the SST at least 10 m (33 ft) away from the vehicle rear side window.

- (4) Maintaining enough clearance for the SST wire harness in the rear side window, close all doors and windows of the vehicle.

NOTICE:

Take care not to damage the SST wire harness.

- (5) Connect the red clip of the SST to the battery positive (+) terminal and the black clip of the SST to the battery negative (-) terminal.

(f) Deploy the airbag.

- (1) Check that no one is inside the vehicle or within a 10 m (33 ft) radius of the vehicle.

- (2) Press the SST activation switch and deploy the airbag.

CAUTION:

- When deploying the airbag, make sure that no one is near the vehicle.
- The rear seat side airbag assembly becomes extremely hot when the airbag is deployed, so do not touch it for at least 30 minutes after deployment.
- Use gloves and safety glasses when handling a rear seat side airbag assembly with a deployed airbag.
- Do not apply water, etc. to a rear seat side airbag assembly with a deployed airbag.
- Always wash your hands with water after completing the operation.

HINT:

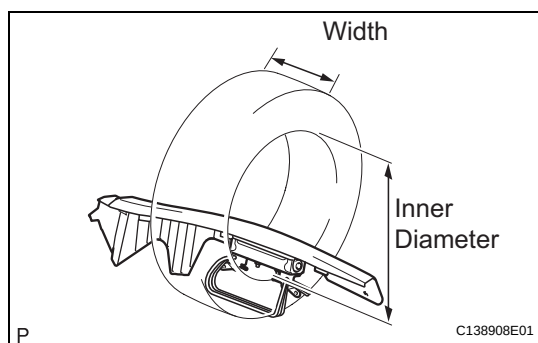
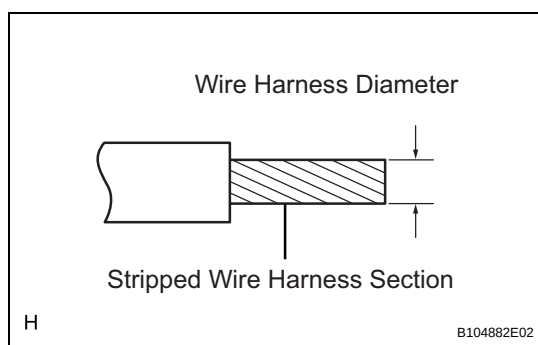
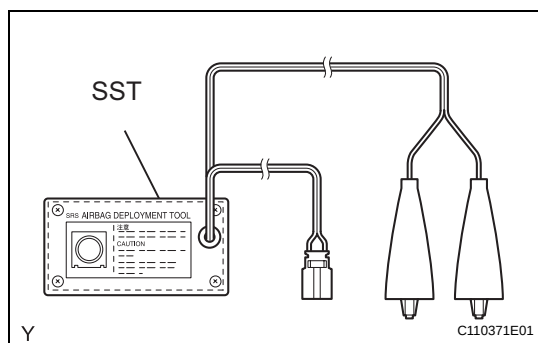
The airbag is deployed as the LED of the SST activation switch comes on.

2. DISPOSE OF REAR SEAT SIDE AIRBAG ASSEMBLY (WHEN NOT INSTALLED IN VEHICLE)

NOTICE:

- When disposing of the rear seat side airbag assembly, never use the customer's vehicle to deploy the airbag.

RS



- Be sure to follow the procedure detailed below when deploying the airbag.

HINT:

Prepare a battery as the power source to deploy the airbag.

- (a) Check the function of the SST (see page RS-372).
- (b) Remove the rear seat side airbag assembly (see page RS-459).

CAUTION:

- When removing the rear seat side airbag assembly, work must be started 90 seconds after the engine switch is turned off and the negative (-) terminal cable is disconnected from the battery.
 - When storing the rear seat side airbag assembly, keep the airbag deployment side facing upward.
- (c) Using a service-purpose wire harness for the vehicle, tie down the rear seat side airbag assembly to the tire.

Wire harness:**Stripped wire harness section****1.25 mm² or more (0.0019 in.² or more)****CAUTION:**

If the wire harness is too thin or an alternative object is used to tie down the rear seat side airbag assembly, it may be snapped by the shock when the airbag is deployed. Always use a wire harness for vehicle use with an area of at least 1.25 mm² (0.0019 in.²).

HINT:

To calculate the area of the stripped wire harness section:

$$\text{Area} = 3.14 \times (\text{Diameter})^2 \text{ divided by } 4$$

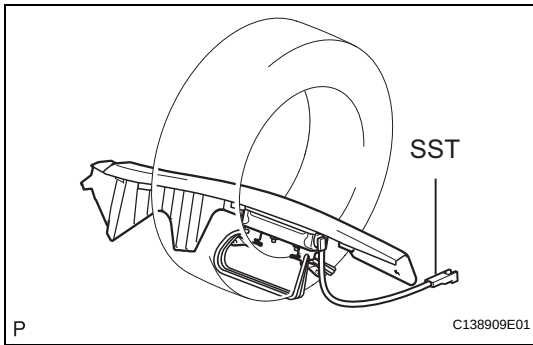
- (1) Position the rear seat side airbag assembly inside the tire with the airbag deployment side facing inside.

Tire size:**Must exceed the following dimensions****Width:****185 mm (7.28 in.)****Inner diameter:****360 mm (14.17 in.)****CAUTION:**

- Make sure that the wire harness is tight. If there is slack in wire harness, the rear seat side airbag assembly may become loose due to the shock when the airbag is deployed.
- Always tie down the rear seat side airbag assembly with the airbag deployment side facing inside the tire.

NOTICE:

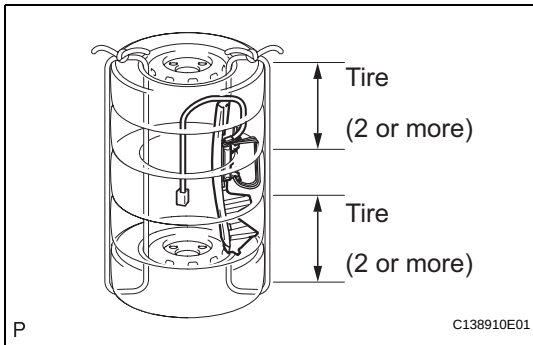
The tire may be damaged by the airbag deployment, so use an extra tire.

RS

(d) Install the SST.

- (1) Connect the SST connector to the rear seat side airbag assembly.

SST 09082-00770



(e) Place the tires.

- (1) Place at least 2 tires under the tire which the rear seat side airbag assembly is tied to.
- (2) Place at least 2 tires over the tire which the rear seat side airbag assembly is tied to. The top tire should have the disc wheel installed.

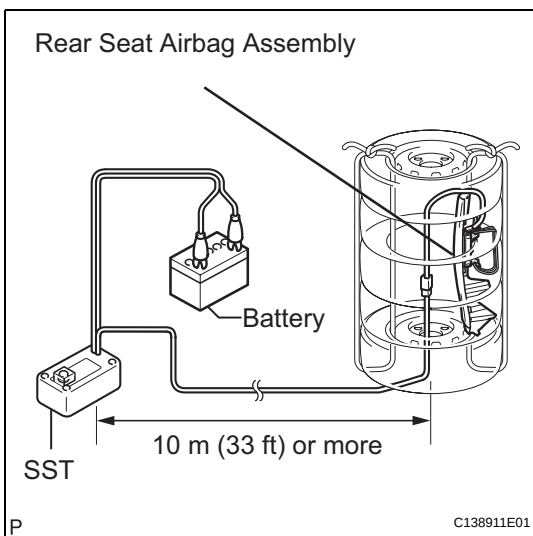
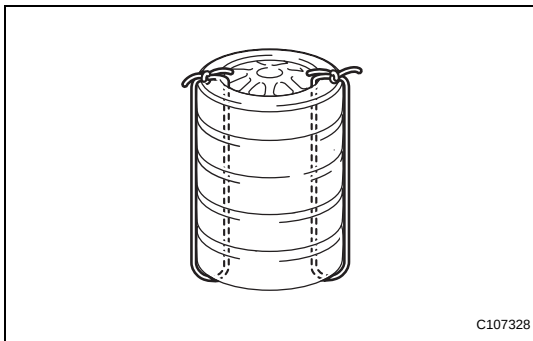
NOTICE:

- The tire may be damaged by the airbag deployment, so use an extra tire.
- Do not place the SST connector under the tire because it could be damaged.

- (3) Tie the tires together with 2 wire harnesses.

CAUTION:

Make sure that the wire harness is tight. Looseness in the wire harness results in the tires coming free due to the shock when the airbag is deployed.



(f) Install the SST.

- (1) Connect the SST connector.

SST 09082-00700

NOTICE:

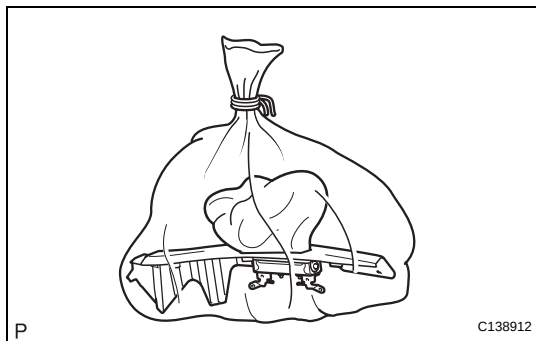
To avoid damaging the SST connector and wire harness, do not lock the secondary lock of the twin lock. Also, secure some slack for the SST wire harness inside the tire.

- (2) Move the SST at least 10 m (33 ft) away from the airbag tied down to the tire.

(g) Deploy the airbag.

- (1) Connect the red clip of the SST to the battery positive (+) terminal and the black clip of the SST to the battery negative (-) terminal.
- (2) Check that no one is within a 10 m (33 ft) radius of the tire which the rear seat side airbag assembly is tied to.

RS



- (3) Press the SST activation switch and deploy the airbag.

CAUTION:

When deploying the airbag, make sure that no one is near the tire.

HINT:

The airbag is deployed as the LED of the SST activation switch comes on.

- (h) Dispose of the rear seat side airbag assembly.

CAUTION:

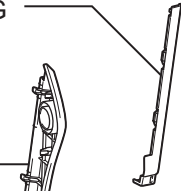
- The rear seat side airbag assembly becomes extremely hot when the airbag is deployed, so do not touch it for at least 30 minutes after deployment.
 - Use gloves and safety glasses when handling a rear seat side airbag assembly with a deployed airbag.
 - Do not apply water, etc. to a rear seat side airbag assembly with a deployed airbag.
 - Always wash your hands with water after completing the operation.
- (1) Remove the rear seat side airbag assembly from the tire.
- (2) Place the rear seat side airbag assembly in a plastic bag, tie it tightly and dispose of it as other general part disposal.

CENTER AIRBAG SENSOR ASSEMBLY

COMPONENTS

RS

INSTRUMENT PANEL FINISH PANEL END RH

FRONT DOOR OPENING
TRIM COVER RH

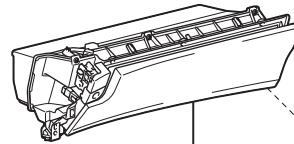
SIDE INSTRUMENT PANEL RH



INSTRUMENT PANEL FINISH PANEL END LH

FRONT DOOR OPENING
TRIM COVER LH

SIDE INSTRUMENT PANEL LH



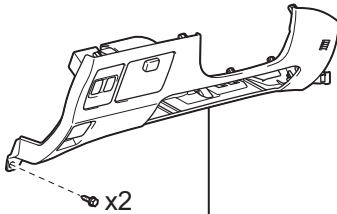
LOWER INSTRUMENT PANEL RH

FRONT PASSENGER SIDE KNEE AIRBAG ASSEMBLY



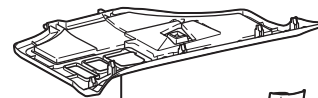
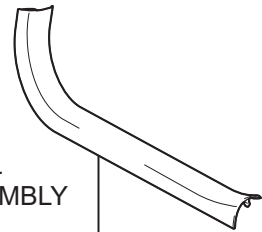
x3

10 (102, 7)

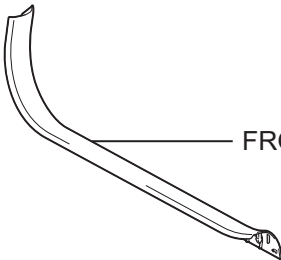


x2

LOWER INSTRUMENT PANEL SUB-ASSEMBLY

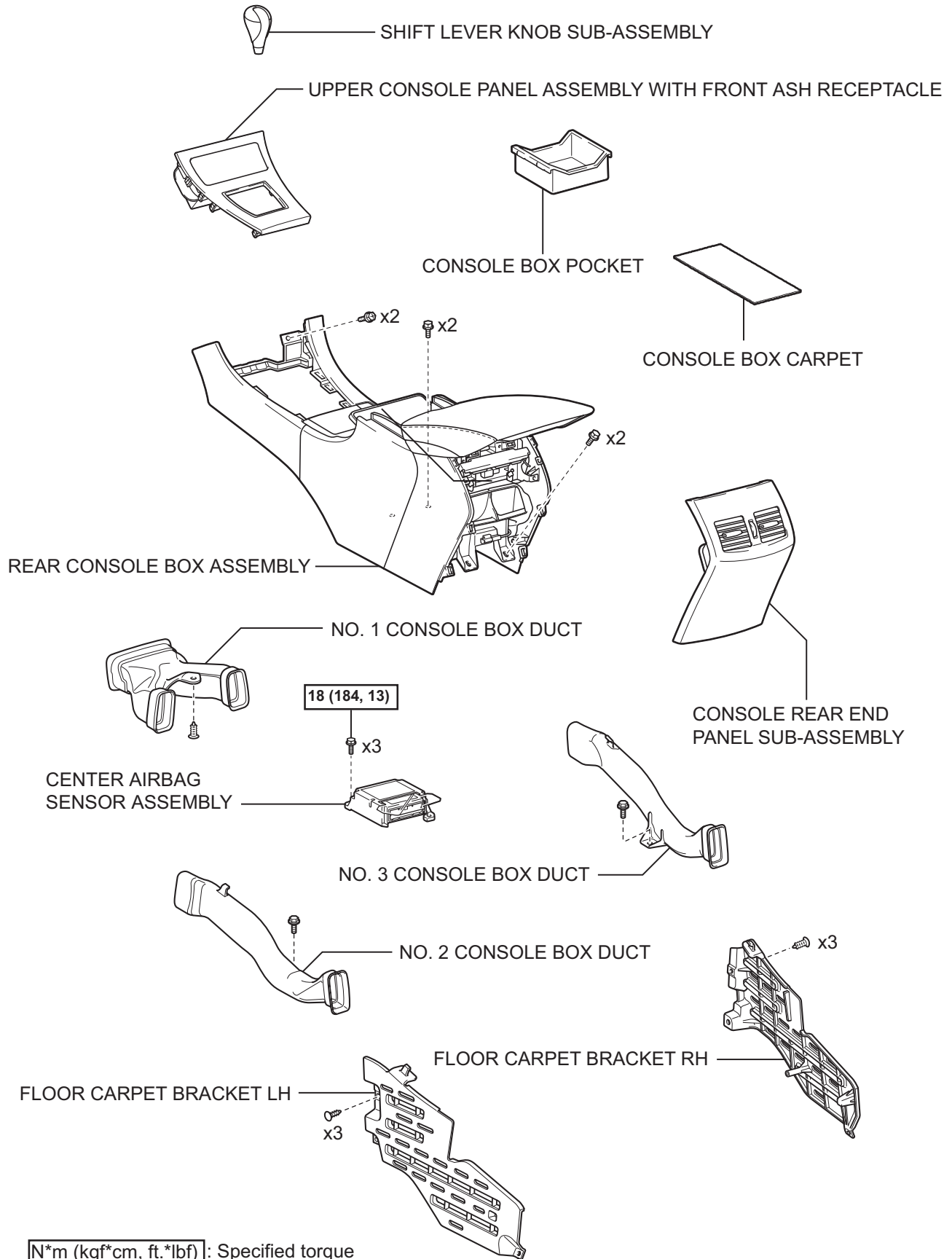
NO. 2 INSTRUMENT PANEL
UNDER COVER SUB-ASSEMBLY

FRONT DOOR SCUFF PLATE RH



FRONT DOOR SCUFF PLATE LH

N*m (kgf*cm, ft.*lbf) : Specified torque



ON-VEHICLE INSPECTION

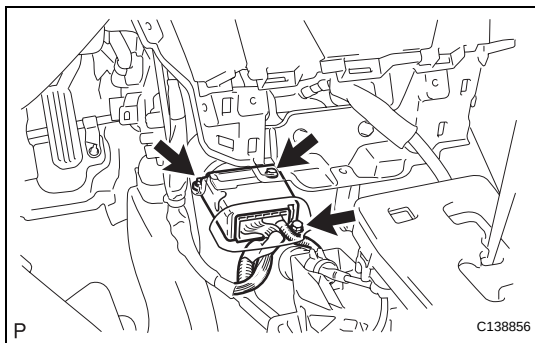
1. **INSPECT CENTER AIRBAG SENSOR ASSEMBLY (VEHICLE NOT INVOLVED IN COLLISION)**
 - (a) Perform a diagnostic system check (See page [RS-37](#)).
2. **INSPECT CENTER AIRBAG SENSOR ASSEMBLY (VEHICLE INVOLVED IN COLLISION AND AIRBAG HAS NOT DEPLOYED)**
 - (a) Perform a diagnostic system check (See page [RS-37](#)).
3. **INSPECT CENTER AIRBAG SENSOR ASSEMBLY (VEHICLE INVOLVED IN COLLISION AND AIRBAG IS DEPLOYED)**
 - (a) Replace the center airbag sensor assembly.
CAUTION:
Be sure to follow the correct removal and installation procedures.
HINT:
The center airbag sensor assembly should be replaced after any of the airbags has deployed, as it has been subjected to the impact.

REMOVAL

1. **PRECAUTION**
CAUTION:
Be sure to read "PRECAUTION" thoroughly before servicing (See page [RS-1](#)).
2. **DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL**
CAUTION:
Wait for 90 seconds after disconnecting the cable to prevent airbag deployment.
3. **REMOVE FRONT DOOR SCUFF PLATE LH** (See page [IR-40](#))
4. **REMOVE FRONT DOOR OPENING TRIM COVER LH** (See page [IR-39](#))
5. **REMOVE SIDE INSTRUMENT PANEL LH** (See page [IP-12](#))
6. **REMOVE INSTRUMENT PANEL FINISH PANEL END LH** (See page [IP-13](#))
7. **REMOVE LOWER INSTRUMENT PANEL SUB-ASSEMBLY** (See page [IP-13](#))
8. **REMOVE INSTRUMENT PANEL FINISH PANEL END RH** (See page [IP-15](#))
9. **REMOVE FRONT DOOR SCUFF PLATE RH** (See page [IR-42](#))
10. **REMOVE FRONT DOOR OPENING TRIM COVER RH** (See page [IR-42](#))
11. **REMOVE NO. 2 INSTRUMENT PANEL UNDER COVER SUB-ASSEMBLY** (See page [IP-15](#))
12. **REMOVE SIDE INSTRUMENT PANEL RH** (See page [IP-15](#))
13. **REMOVE FRONT PASSENGER SIDE KNEE AIRBAG ASSEMBLY** (See page [RS-396](#))
14. **REMOVE LOWER INSTRUMENT PANEL RH** (See page [IP-16](#))
15. **REMOVE SHIFT LEVER KNOB SUB-ASSEMBLY** (See page [IP-16](#))
16. **REMOVE UPPER CONSOLE PANEL ASSEMBLY WITH FRONT ASH RECEPTACLE** (See page [IP-16](#))
17. **REMOVE CONSOLE BOX POCKET** (See page [IP-18](#))
18. **REMOVE CONSOLE BOX CARPET** (See page [IP-18](#))
19. **REMOVE CONSOLE REAR END PANEL SUB-ASSEMBLY** (See page [IP-19](#))
20. **REMOVE REAR CONSOLE BOX ASSEMBLY** (See page [IP-19](#))

RS

21. REMOVE FLOOR CARPET BRACKET LH (See page [PB-11](#))
22. REMOVE FLOOR CARPET BRACKET RH (See page [PB-11](#))
23. REMOVE NO. 2 CONSOLE BOX DUCT (See page [AC-149](#))
24. REMOVE NO. 3 CONSOLE BOX DUCT (See page [AC-149](#))
25. REMOVE NO. 1 CONSOLE BOX DUCT (See page [AC-149](#))
26. REMOVE CENTER AIRBAG SENSOR ASSEMBLY
 - (a) Turn back the carpet.
 - (b) Disconnect the holder (with connectors).
 - (c) Remove the 3 bolts and center airbag sensor assembly.



INSTALLATION

1. INSTALL CENTER AIRBAG SENSOR ASSEMBLY

- Check that the engine switch is off.
- Check that the battery negative (-) cable is disconnected.

CAUTION:

Wait for 90 seconds after disconnecting the cable to prevent airbag deployment.

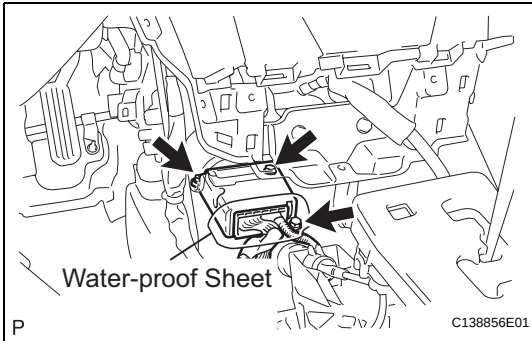
- Install the center airbag sensor assembly with the 3 bolts.

Torque: 18 N*m (184 kgf*cm, 13 ft.*lbf)

NOTICE:

- If the center airbag sensor assembly has been dropped, or there are any cracks, dents or other defects in the case, bracket or connector, replace it with a new one.
- When installing the center airbag sensor assembly, be careful that the SRS wiring does not interfere with other parts and that it is not pinched between other parts.

- Check that there is no looseness in the installation parts of the center airbag sensor assembly.
- Connect the holder (with connectors).
- Check that the water-proof sheet is properly set.



- INSTALL NO. 1 CONSOLE BOX DUCT (See page [AC-163](#))
- INSTALL NO. 3 CONSOLE BOX DUCT (See page [AC-163](#))
- INSTALL NO. 2 CONSOLE BOX DUCT (See page [AC-163](#))
- INSTALL FLOOR CARPET BRACKET RH (See page [PB-19](#))
- INSTALL FLOOR CARPET BRACKET LH (See page [PB-19](#))
- INSTALL REAR CONSOLE BOX ASSEMBLY (See page [IP-39](#))
- INSTALL CONSOLE REAR END PANEL SUB-ASSEMBLY (See page [IP-40](#))
- INSTALL CONSOLE BOX CARPET (See page [IP-41](#))
- INSTALL CONSOLE BOX POCKET (See page [IP-41](#))
- INSTALL UPPER CONSOLE PANEL ASSEMBLY WITH FRONT ASH RECEPTACLE (See page [IP-42](#))
- INSTALL SHIFT LEVER KNOB SUB-ASSEMBLY (See page [IP-42](#))
- INSTALL LOWER INSTRUMENT PANEL RH (See page [IP-42](#))

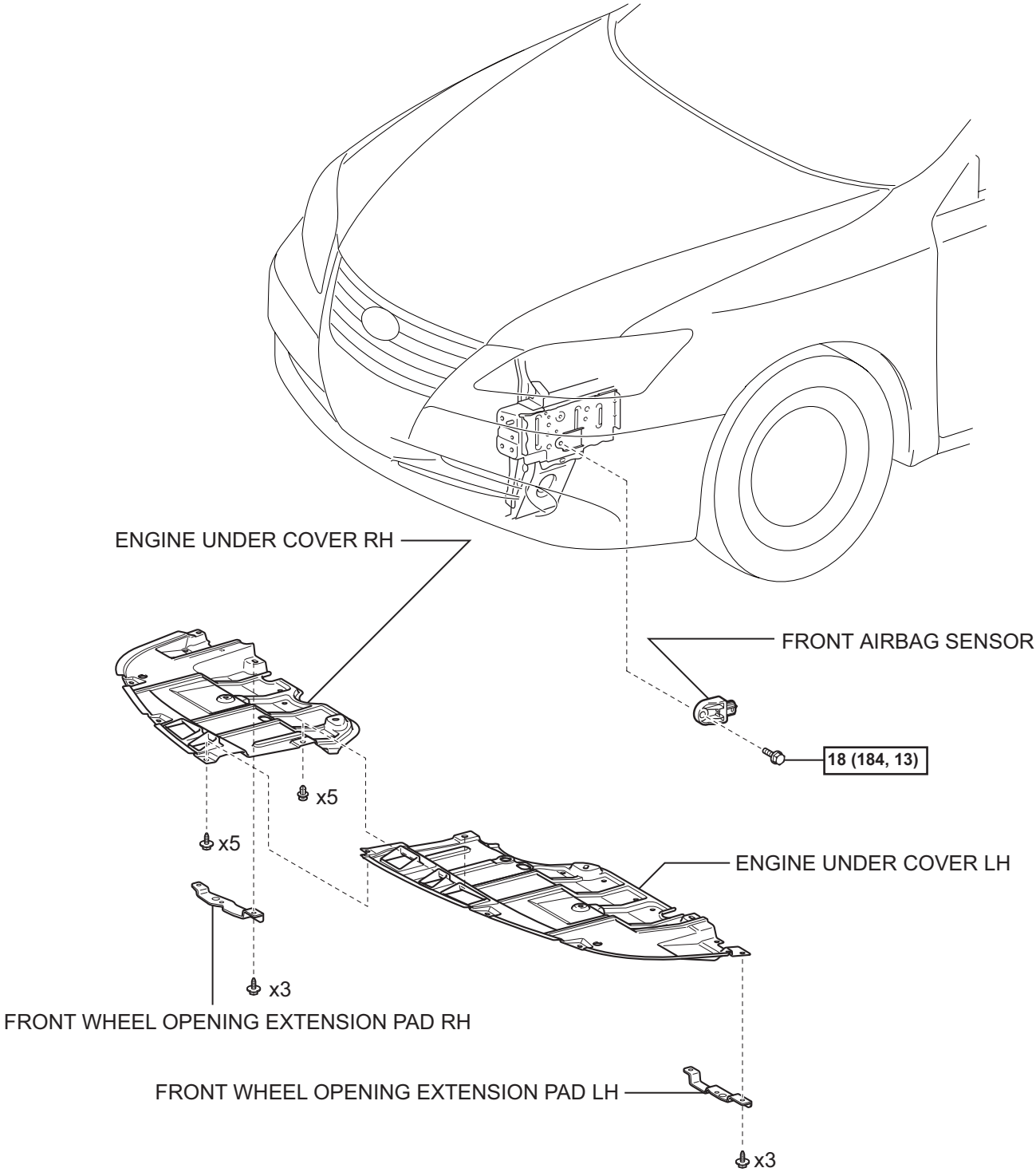
RS

14. INSTALL FRONT PASSENGER SIDE KNEE AIRBAG ASSEMBLY (See page [RS-396](#))
15. INSTALL SIDE INSTRUMENT PANEL RH (See page [IP-43](#))
16. INSTALL NO. 2 INSTRUMENT PANEL UNDER COVER SUB-ASSEMBLY (See page [IP-44](#))
17. INSTALL FRONT DOOR OPENING TRIM COVER RH (See page [IR-65](#))
18. INSTALL FRONT DOOR SCUFF PLATE RH (See page [IR-65](#))
19. INSTALL INSTRUMENT PANEL FINISH PANEL END RH (See page [IP-44](#))
20. INSTALL LOWER INSTRUMENT PANEL SUB-ASSEMBLY (See page [IP-46](#))
21. INSTALL INSTRUMENT PANEL FINISH PANEL END LH (See page [IP-46](#))
22. INSTALL SIDE INSTRUMENT PANEL LH (See page [IP-47](#))
23. INSTALL FRONT DOOR OPENING TRIM COVER LH (See page [IR-64](#))
24. INSTALL FRONT DOOR SCUFF PLATE LH (See page [IR-65](#))
25. CONNECT CABLE TO NEGATIVE BATTERY TERMINAL
26. PERFORM INITIALIZATION
 - (a) Perform initialization (See page [IN-33](#)).
HINT:
Some systems need initialization after reconnecting the cable to the negative battery terminal.
27. INSPECT SRS WARNING LIGHT
 - (a) Inspect the SRS warning light (See page [RS-37](#)).

FRONT AIRBAG SENSOR

COMPONENTS

RS



N*m (kgf*cm, ft.*lbf) : Specified torque

ON-VEHICLE INSPECTION

1. INSPECT FRONT AIRBAG SENSOR (VEHICLE NOT INVOLVED IN COLLISION)

- (a) Perform a diagnostic system check (See page [RS-37](#)).

2. INSPECT FRONT AIRBAG SENSOR (VEHICLE INVOLVED IN COLLISION AND AIRBAG HAS NOT DEPLOYED)

- (a) Perform a diagnostic system check (See page [RS-37](#)).
- (b) When the front bumper of the vehicle or its area is damaged, check if there is any damage to the front airbag sensor. If there are any defects as mentioned below, replace the front airbag sensor with a new one:
- Cracks, dents or chips on the sensor housing.
 - Cracks or other damage to the connector.
 - Peeling off of the label or damage to the serial number.

CAUTION:

Be sure to follow the correct removal and installation procedures.

3. INSPECT FRONT AIRBAG SENSOR (VEHICLE INVOLVED IN COLLISION AND AIRBAG IS DEPLOYED)

- (a) Replace the front airbag sensor.

CAUTION:

Be sure to follow the correct removal and installation procedures.

HINT:

The front airbag sensor on the impacted side should be replaced after the steering pad, front passenger airbag assembly, driver side knee airbag assembly or front passenger side knee airbag assembly has deployed.

RS

REMOVAL

HINT:

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

1. PRECAUTION

CAUTION:

Be sure to read "PRECAUTION" thoroughly before servicing (See page [RS-1](#)).

2. DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL

CAUTION:

Wait for 90 seconds after disconnecting the cable to prevent airbag deployment.

3. REMOVE FRONT WHEEL OPENING EXTENSION PAD LH

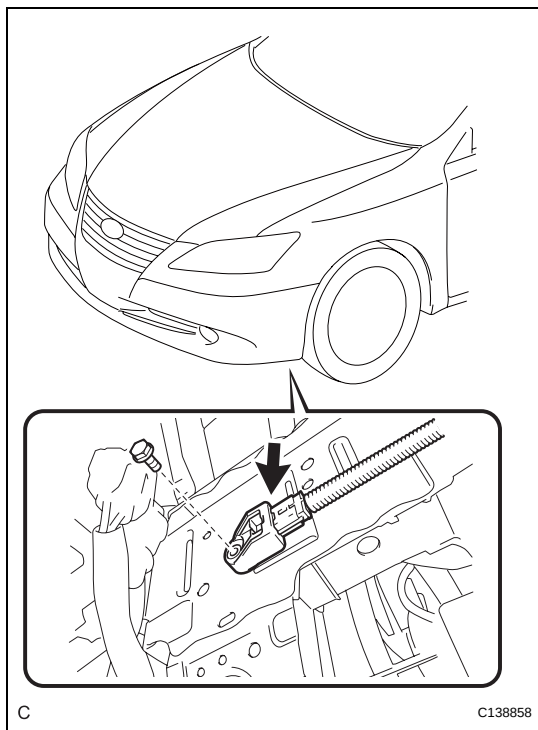
4. REMOVE FRONT WHEEL OPENING EXTENSION PAD RH

5. REMOVE ENGINE UNDER COVER RH

6. REMOVE ENGINE UNDER COVER LH

7. REMOVE FRONT AIRBAG SENSOR

- (a) Remove the bolt and front airbag sensor from the body.
- (b) Disconnect the connector from the front airbag sensor.



INSTALLATION

1. INSTALL FRONT AIRBAG SENSOR

- (a) Check that the engine switch is off.
- (b) Check that the battery negative (-) cable is disconnected.

CAUTION:

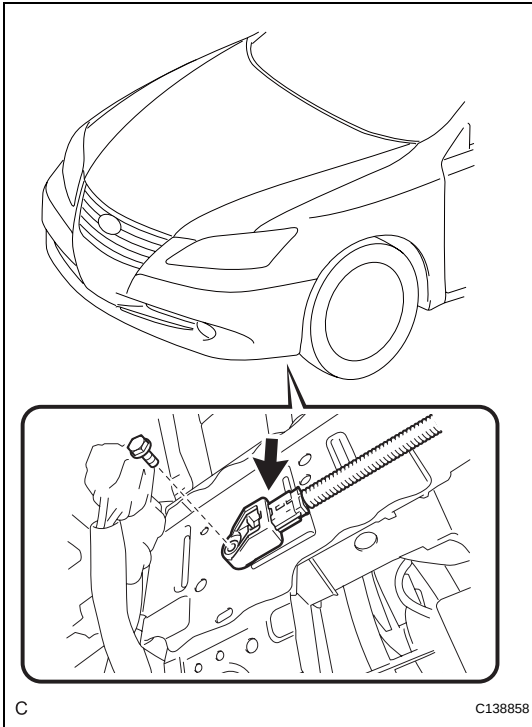
Wait for 90 seconds after disconnecting the cable to prevent airbag deployment.

- (c) Connect the connector.
- (d) Install the front airbag sensor with the bolt.

Torque: 18 N*m (184 kgf*cm, 13 ft.*lbf)

NOTICE:

- If the front airbag sensor has been dropped, or there are any cracks, dents or other defects in the case, bracket or connector, replace it with a new one.
 - When installing the front airbag sensor, be careful that the SRS wiring does not interfere with other parts and that it is not pinched between other parts.
- (e) Check that there is no looseness in the installation parts of the front airbag sensor.



2. INSTALL ENGINE UNDER COVER LH

3. INSTALL ENGINE UNDER COVER RH

4. INSTALL FRONT WHEEL OPENING EXTENSION PAD RH

5. INSTALL FRONT WHEEL OPENING EXTENSION PAD LH

6. CONNECT CABLE TO NEGATIVE BATTERY TERMINAL

7. PERFORM INITIALIZATION

- (a) Perform initialization (See page [IN-33](#)).

HINT:

Some systems need initialization after reconnecting the cable to the negative battery terminal.

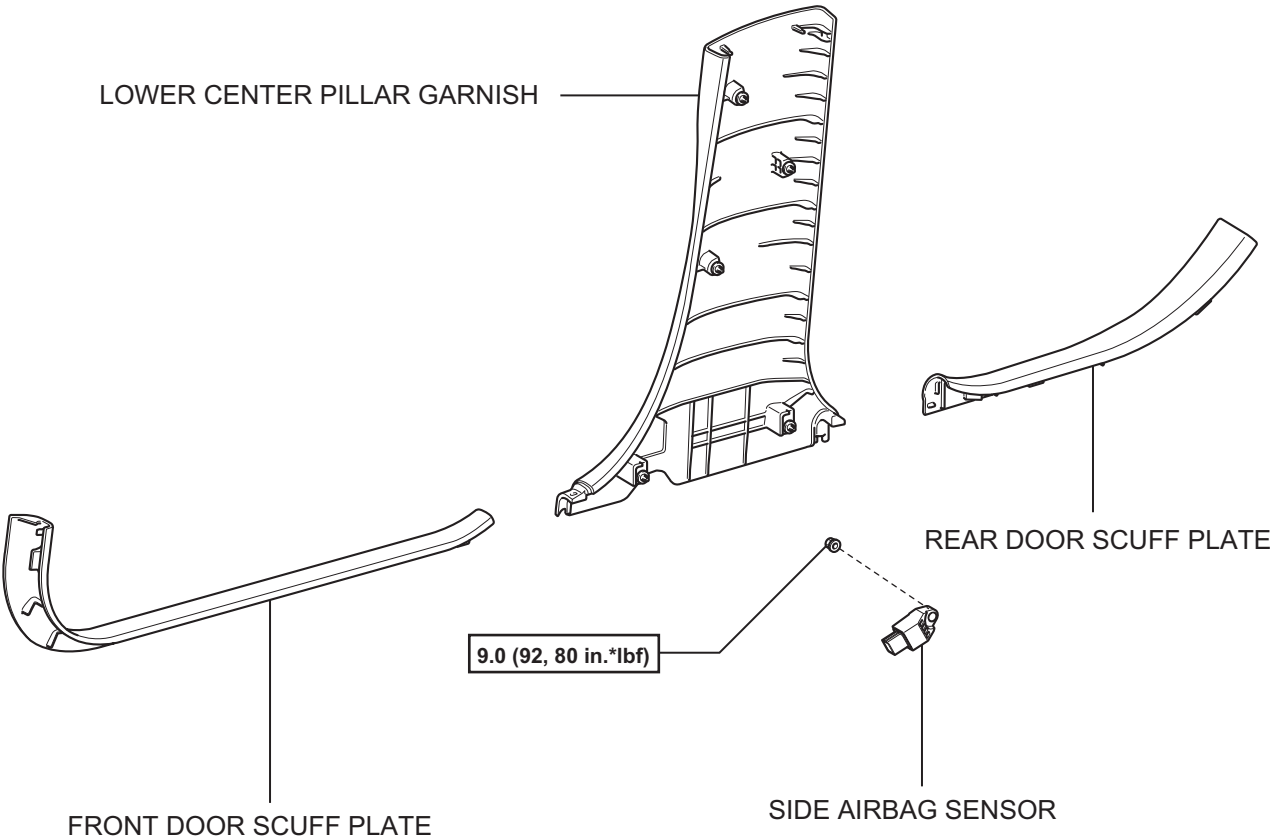
8. INSPECT SRS WARNING LIGHT

- (a) Inspect the SRS warning light (See page [RS-37](#)).

SIDE AIRBAG SENSOR

COMPONENTS

RS



N*m (kgf*cm, ft.*lbf) : Specified torque

ON-VEHICLE INSPECTION

1. **INSPECT SIDE AIRBAG SENSOR (VEHICLE NOT INVOLVED IN COLLISION)**
 - (a) Perform a diagnostic system check (See page [RS-37](#)).
2. **INSPECT SIDE AIRBAG SENSOR (VEHICLE INVOLVED IN COLLISION AND AIRBAG HAS NOT DEPLOYED)**
 - (a) Perform a diagnostic system check (See page [RS-37](#)).
 - (b) When the center pillar of the vehicle or its area is damaged, check if there is any damage to the side airbag sensor. If there are any defects as mentioned below, replace the side airbag sensor with a new one:
 - Cracks, dents or chips on the sensor housing.
 - Cracks or other damage to the connector.
 - Peeling off of the label or damage to the serial number.

CAUTION:
Be sure to follow the correct removal and installation procedures.
3. **INSPECT SIDE AIRBAG SENSOR (VEHICLE INVOLVED IN COLLISION AND AIRBAG IS DEPLOYED)**
 - (a) Replace the side airbag sensor.

CAUTION:
Be sure to follow the correct removal and installation procedures.

HINT:
The side airbag sensor on the impacted side should be replaced after the front seat side airbag assembly and curtain shield airbag assembly have deployed.

REMOVAL

HINT:

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

1. PRECAUTION

CAUTION:

Be sure to read "PRECAUTION" thoroughly before servicing (See page [RS-1](#)).

2. DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL

CAUTION:

Wait for 90 seconds after disconnecting the cable to prevent airbag deployment.

3. REMOVE FRONT DOOR SCUFF PLATE (See page [IR-39](#))

4. REMOVE REAR DOOR SCUFF PLATE (See page [IR-40](#))

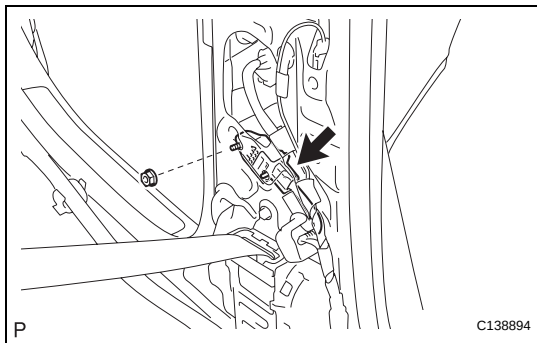
5. REMOVE LOWER CENTER PILLAR GARNISH (See page [IR-40](#))

6. REMOVE SIDE AIRBAG SENSOR

- (a) Remove the nut and separate the side airbag sensor from the body.
- (b) Disconnect the side airbag sensor connector and remove it.

NOTICE:

When handling the sensor connector, take care not to damage the wire harness.



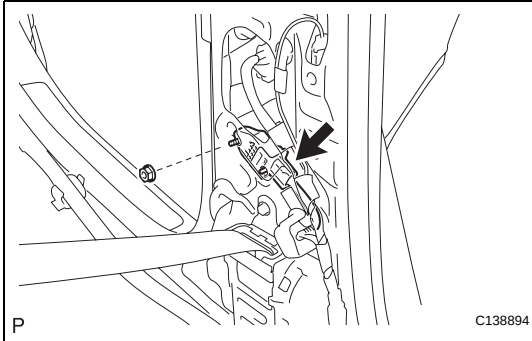
INSTALLATION

1. INSTALL SIDE AIRBAG SENSOR

- (a) Check that the engine switch is off.
- (b) Check that the battery negative (-) cable is disconnected.

CAUTION:

Wait for 90 seconds after disconnecting the cable to prevent airbag deployment.

RS

- (c) Connect the side airbag sensor connector.

NOTICE:

When handling the sensor connector, take care not to damage the wire harness.

- (d) Install the side airbag sensor with the nut.

Torque: 9.0 N*m (92 kgf*cm, 80 in.*lbf)

NOTICE:

- Do not damage the stopper of the sensor when installing the nut.
 - If the side airbag sensor has been dropped, or there are any cracks, dents or other defects in the case, bracket or connector, replace it with a new one.
 - When installing the side airbag sensor, be careful that the SRS wiring does not interfere with other parts and that it is not pinched between other parts.
- (e) Check that there is no looseness in the installation parts of the side airbag sensor.

2. INSTALL LOWER CENTER PILLAR GARNISH (See page [IR-63](#))

3. INSTALL REAR DOOR SCUFF PLATE (See page [IR-63](#))

4. INSTALL FRONT DOOR SCUFF PLATE (See page [IR-65](#))

5. CONNECT CABLE TO NEGATIVE BATTERY TERMINAL

6. PERFORM INITIALIZATION

- (a) Perform initialization (See page [IN-33](#)).

HINT:

Some systems need initialization after reconnecting the cable to the negative battery terminal.

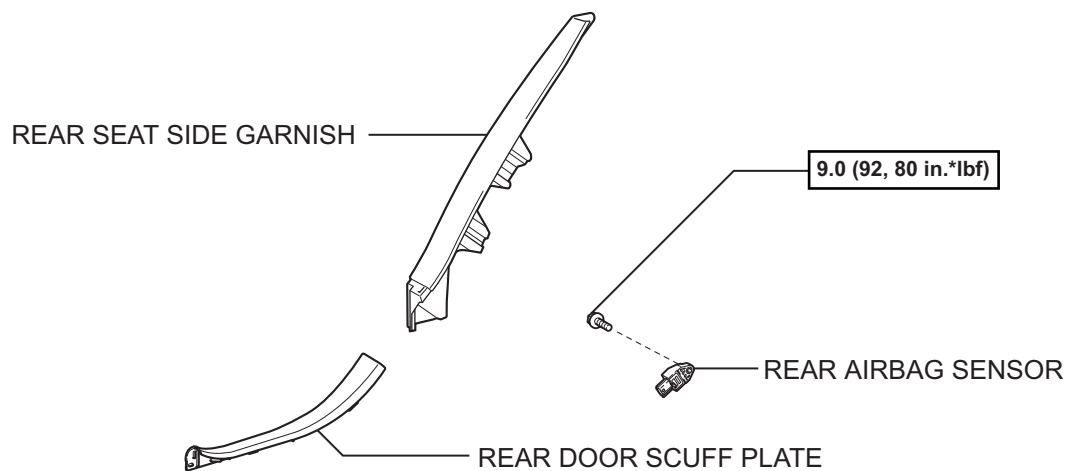
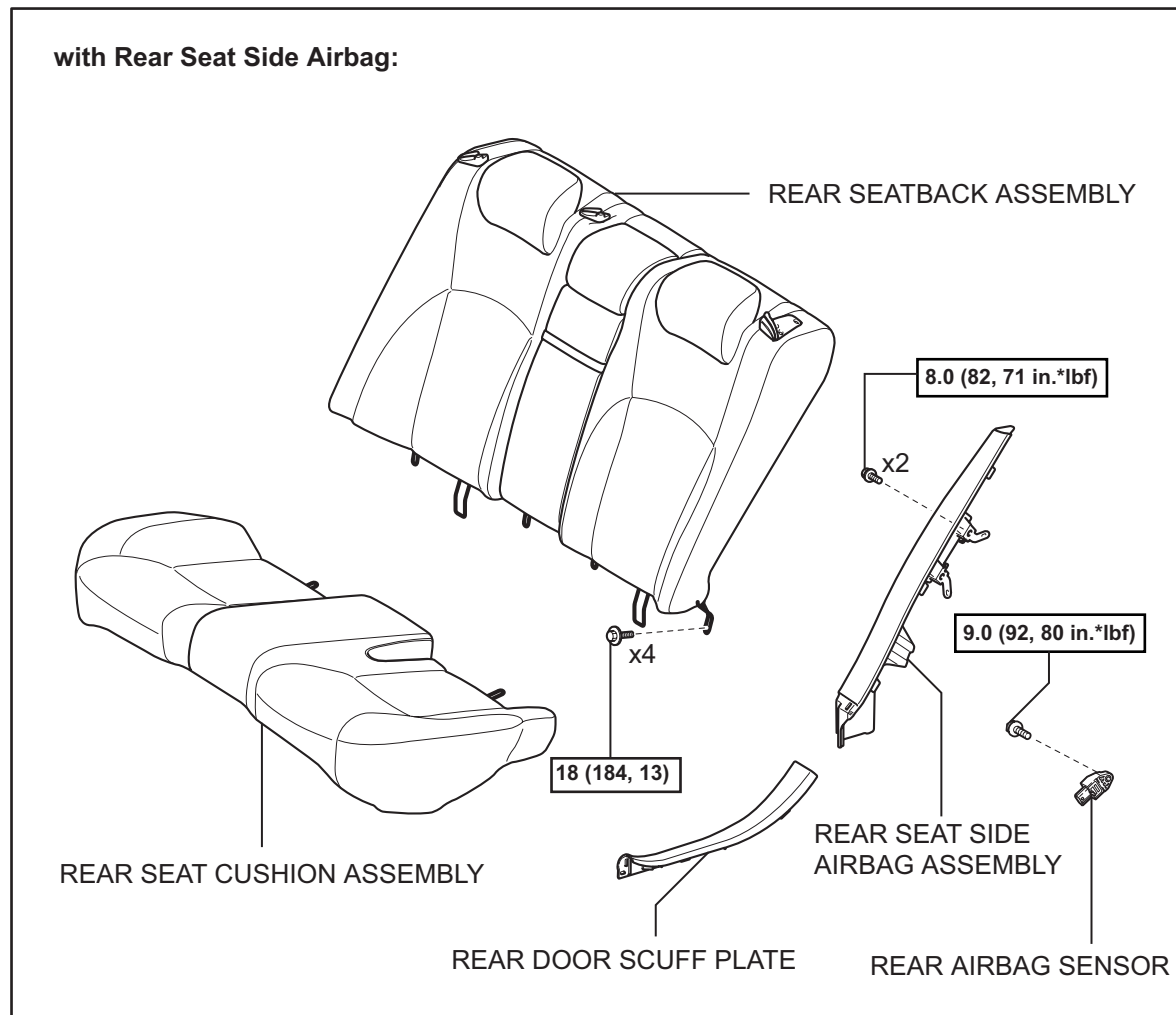
7. INSPECT SRS WARNING LIGHT

- (a) Inspect the SRS warning light (See page [RS-37](#)).

REAR AIRBAG SENSOR

COMPONENTS

with Rear Seat Side Airbag:



N*m (kgf*cm, ft.*lbf): Specified torque

ON-VEHICLE INSPECTION

1. INSPECT REAR AIRBAG SENSOR (VEHICLE NOT INVOLVED IN COLLISION)

- (a) Perform a diagnostic system check (See page [RS-37](#)).

2. INSPECT REAR AIRBAG SENSOR (VEHICLE INVOLVED IN COLLISION AND AIRBAG HAS NOT DEPLOYED)

- (a) Perform a diagnostic system check (See page [RS-37](#)).
- (b) When the quarter panel of the vehicle or its area is damaged, check if there is any damage to the rear airbag sensor. If there are any defects as mentioned below, replace the rear airbag sensor with a new one:
- Cracks, dents or chips on the sensor housing.
 - Cracks or other damage to the connector.
 - Peeling off of the label or damage to the serial number.

CAUTION:

Be sure to follow the correct removal and installation procedures.

3. INSPECT REAR AIRBAG SENSOR (VEHICLE INVOLVED IN COLLISION AND AIRBAG IS DEPLOYED)

- (a) Replace the rear airbag sensor.

CAUTION:

Be sure to follow the correct removal and installation procedures.

HINT:

The rear airbag sensor on the impacted side should be replaced after the curtain shield airbag assembly has deployed.

REMOVAL

HINT:

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

1. PRECAUTION

CAUTION:

Be sure to read "PRECAUTION" thoroughly before servicing (See page [RS-1](#)).

2. DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL

CAUTION:

Wait for 90 seconds after disconnecting the cable to prevent airbag deployment.

3. REMOVE REAR SEAT CUSHION ASSEMBLY (w/ Rear Seat Side Airbag) (See page [SE-113](#))

4. REMOVE REAR SEATBACK ASSEMBLY (w/ Rear Seat Side Airbag) (See page [SE-113](#))

5. REMOVE REAR DOOR SCUFF PLATE (w/o Rear Seat Side Airbag) (See page [IR-40](#))

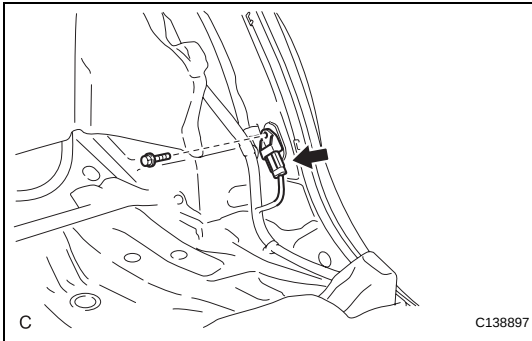
6. REMOVE REAR DOOR SCUFF PLATE (w/ Rear Seat Side Airbag) (See page [IR-40](#))

7. REMOVE REAR SEAT SIDE GARNISH (w/o Rear Seat Side Airbag) (See page [IR-41](#))

8. REMOVE REAR SEAT SIDE AIRBAG ASSEMBLY (w/ Rear Seat Side Airbag) (See page [RS-460](#))

9. REMOVE REAR AIRBAG SENSOR

- (a) Disconnect the connector.
- (b) Remove the bolt and rear airbag sensor.



RS

INSTALLATION

1. INSTALL REAR AIRBAG SENSOR

- (a) Check that the engine switch is off.
- (b) Check that the battery negative (-) cable is disconnected.

CAUTION:

Wait for 90 seconds after disconnecting the cable to prevent airbag deployment.

- (c) Install the rear airbag sensor with the bolt.

Torque: 9.0 N*m (92 kgf*cm, 80 in.*lbf)

NOTICE:

- If the rear airbag sensor has been dropped, or there are any cracks, dents or other defects in the case, bracket or connector, replace it with a new one.
- When installing the rear airbag sensor, be careful that the SRS wiring does not interfere with other parts and that it is not pinched between other parts.

- (d) Check that there is no looseness in the installation parts of the rear airbag sensor.
- (e) Connect the connector.

2. INSTALL REAR SEAT SIDE AIRBAG ASSEMBLY (w/ Rear Seat Side Airbag) (See page [RS-460](#))

3. INSTALL REAR SEAT SIDE GARNISH (w/o Rear Seat Side Airbag) (See page [IR-62](#))

4. INSTALL REAR DOOR SCUFF PLATE (w/ Rear Seat Side Airbag) (See page [IR-65](#))

5. INSTALL REAR DOOR SCUFF PLATE (w/o Rear Seat Side Airbag) (See page [IR-63](#))

6. INSTALL REAR SEATBACK ASSEMBLY (w/ Rear Seat Side Airbag) (See page [SE-121](#))

7. INSTALL REAR SEAT CUSHION ASSEMBLY (w/ Rear Seat Side Airbag) (See page [SE-121](#))

8. CONNECT CABLE TO NEGATIVE BATTERY TERMINAL

9. PERFORM INITIALIZATION

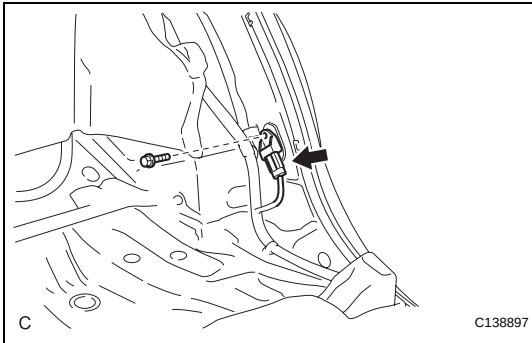
- (a) Perform initialization (See page [IN-33](#)).

HINT:

Some systems need initialization after reconnecting the cable to the negative battery terminal.

10. INSPECT SRS WARNING LIGHT

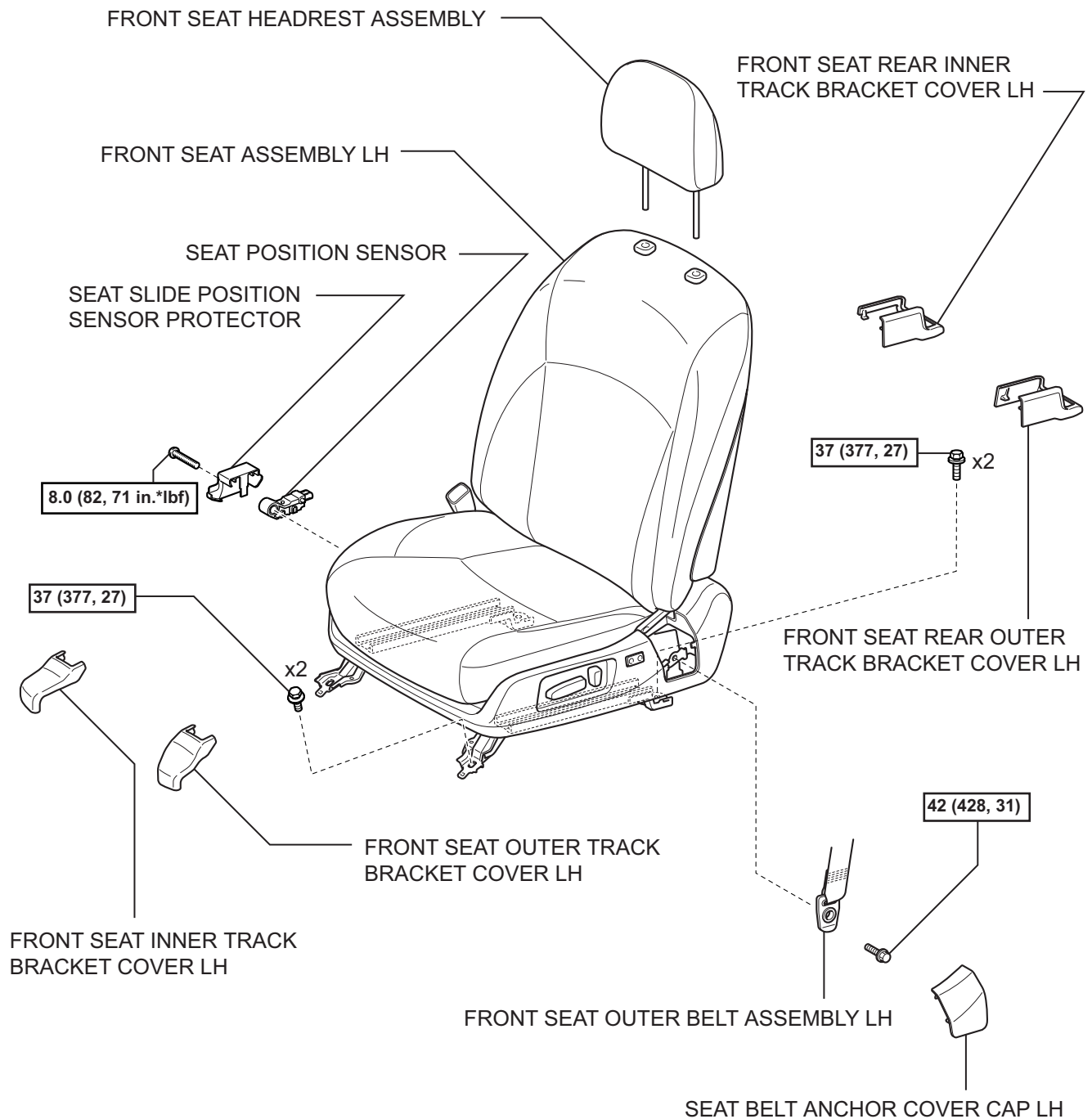
- (a) Inspect the SRS warning light (See page [RS-37](#)).



SEAT POSITION SENSOR

COMPONENTS

RS



[N*m (kgf*cm, ft.*lbf)]: Specified torque

ON-VEHICLE INSPECTION

1. INSPECT SEAT POSITION SENSOR (VEHICLE NOT INVOLVED IN COLLISION)

- (a) Perform a diagnostic system check (See page [RS-37](#)).

2. INSPECT SEAT POSITION SENSOR (VEHICLE INVOLVED IN COLLISION)

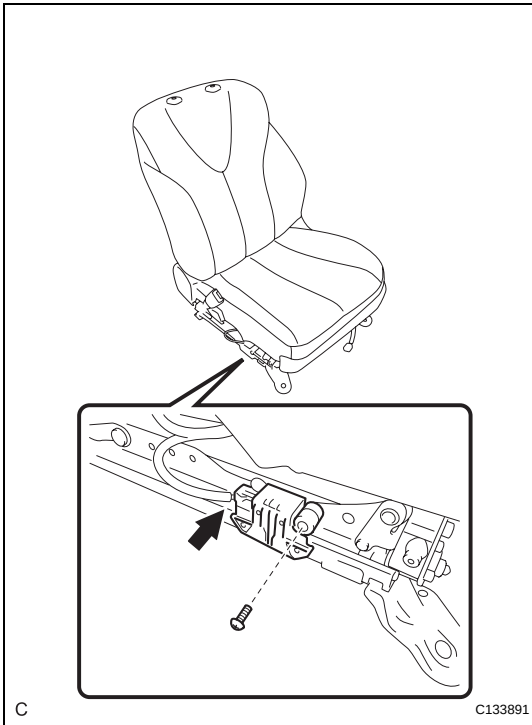
- (a) Perform a diagnostic system check (See page [RS-37](#)).
- (b) Even if the airbag was not deployed, check if there is any damage to the seat position sensor.
If there are any defects as mentioned below, replace the seat position sensor with a new one:
 - Cracks, dents or chips on the sensor housing.
 - Cracks or other damage to the connector.

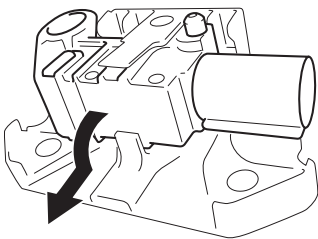
CAUTION:

Be sure to follow the correct removal and installation procedures.

REMOVAL

1. **PRECAUTION**
CAUTION:
Be sure to read "PRECAUTION" thoroughly before servicing (See page [RS-1](#)).
2. **REMOVE FRONT SEAT HEADREST ASSEMBLY**
3. **REMOVE SEAT BELT ANCHOR COVER CAP LH (See page [SB-27](#))**
4. **DISCONNECT FRONT SEAT OUTER BELT ASSEMBLY LH (See page [SB-27](#))**
5. **REMOVE FRONT SEAT OUTER TRACK BRACKET COVER LH (See page [SE-83](#))**
6. **REMOVE FRONT SEAT INNER TRACK BRACKET COVER LH (See page [SE-83](#))**
7. **REMOVE FRONT SEAT REAR OUTER TRACK BRACKET COVER LH (See page [SE-83](#))**
8. **REMOVE FRONT SEAT REAR INNER TRACK BRACKET COVER LH (See page [SE-83](#))**
9. **REMOVE FRONT SEAT ASSEMBLY LH (See page [SE-83](#))**
10. **REMOVE SEAT POSITION SENSOR**
 - (a) Disconnect the connector.
 - (b) Using a "TORX" socket (T30), remove the "TORX" screw and seat position sensor with the seat slide position sensor protector.

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- (c) Remove the seat position sensor from the seat slide position sensor protector as shown in the illustration.

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INSTALLATION

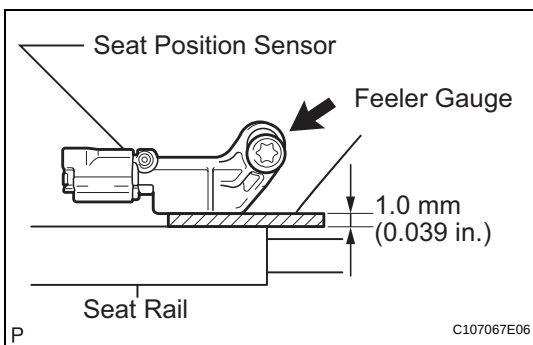
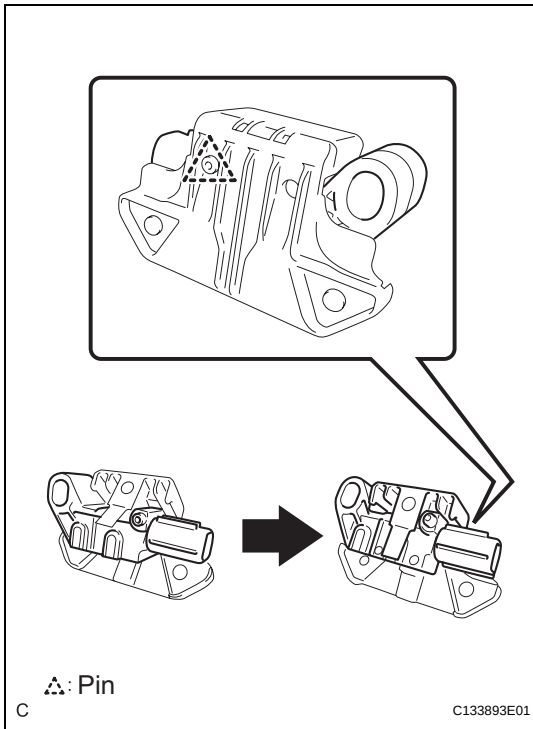
1. INSTALL SEAT POSITION SENSOR

- (a) Check that the engine switch is off.
- (b) Check that the negative battery (-) cable is disconnected.

CAUTION:

Wait for 90 seconds after disconnecting the cable to prevent airbag deployment.

- (c) Engage the pin and install the seat position sensor to the seat slide position sensor protector as shown in the illustration.



- (d) Using a feeler gauge 1.0 mm (0.039 in.), temporarily install the seat position sensor.

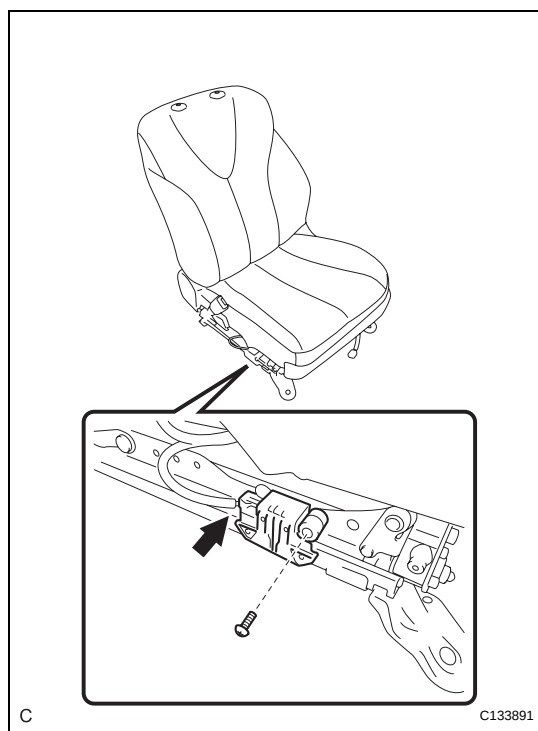
NOTICE:

- If the seat position sensor has been dropped, or there are any cracks, dents or other defects in the case or connector, replace the seat position sensor with a new one.
- When installing the seat position sensor, be careful that the SRS wiring does not interfere with other parts and that it is not pinched between other parts.

HINT:

Be sure that a clearance between the seat position sensor and the seat rail is within 0.6 mm (0.024 in.) to 2.0 mm (0.079 in.).

RS

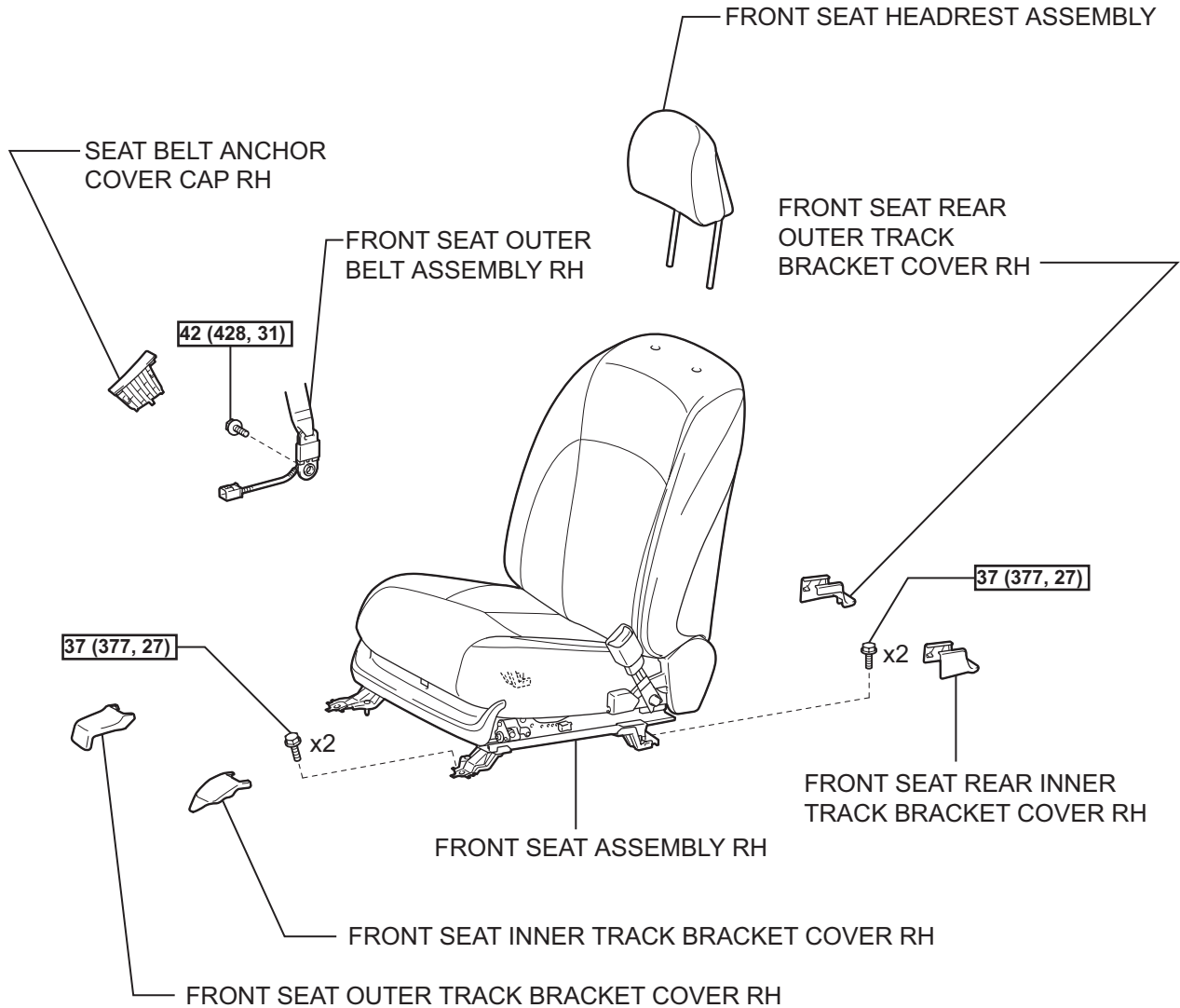


- (e) Using a "TORX" socket (T30), tighten the "TORX" screw to install the seat position sensor.
Torque: 8.0 N*m (82 kgf*cm, 71 in.*lbf)
 - (f) Make sure that a clearance between the seat position sensor and the seat rail is within 0.6 mm (0.024 in.) to 2.0 mm (0.079 in.).
 - (g) Check that there is no looseness in the installation parts of the seat position sensor.
 - (h) Connect the connector.
2. **INSTALL FRONT SEAT ASSEMBLY LH** (See page [SE-109](#))
 3. **INSTALL FRONT SEAT REAR INNER TRACK BRACKET COVER LH** (See page [SE-110](#))
 4. **INSTALL FRONT SEAT REAR OUTER TRACK BRACKET COVER LH** (See page [SE-110](#))
 5. **INSTALL FRONT SEAT INNER TRACK BRACKET COVER LH** (See page [SE-110](#))
 6. **INSTALL FRONT SEAT OUTER TRACK BRACKET COVER LH** (See page [SE-110](#))
 7. **CONNECT FRONT SEAT OUTER BELT ASSEMBLY LH** (See page [SB-31](#))
 8. **INSTALL SEAT BELT ANCHOR COVER CAP LH** (See page [SB-31](#))
 9. **INSTALL FRONT SEAT HEADREST ASSEMBLY**
 10. **PERFORM INITIALIZATION**
 - (a) Perform initialization (See page [IN-33](#)).
HINT:
Some systems need initialization after reconnecting the cable to the negative battery terminal.
 11. **INSPECT FRONT SEAT ASSEMBLY** (See page [SE-110](#))
 12. **INSPECT SRS WARNING LIGHT**
 - (a) Inspect the SRS warning light (See page [RS-37](#)).

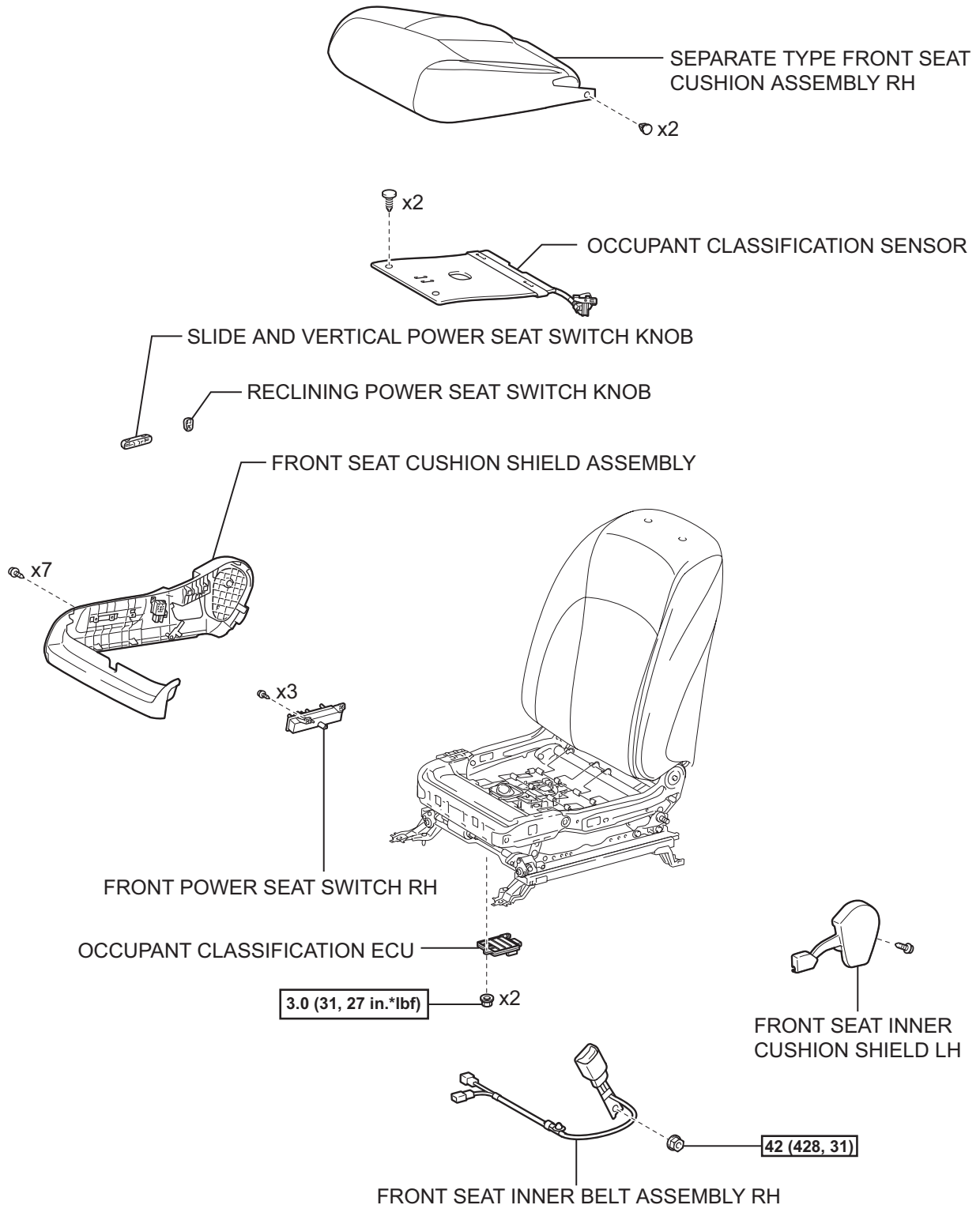
FRONT SEAT CUSHION ASSEMBLY (w/ Occupant Classification ECU, Occupant Classification Sensor)

COMPONENTS

RS

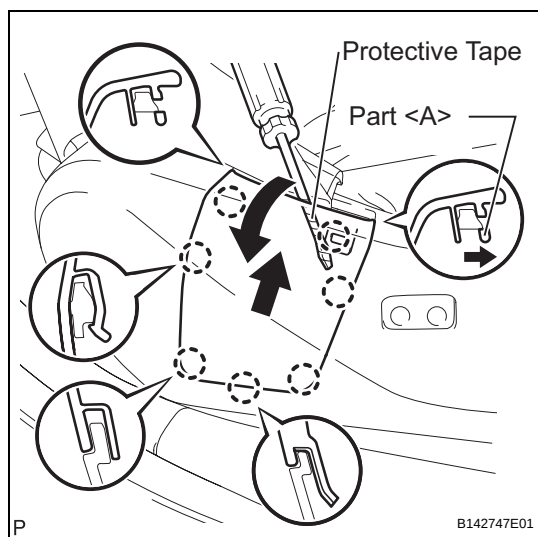


N*m (kgf*cm, ft.*lbf) : Specified torque



N*m (kgf*cm, ft.*lbf) : Specified torque

RS



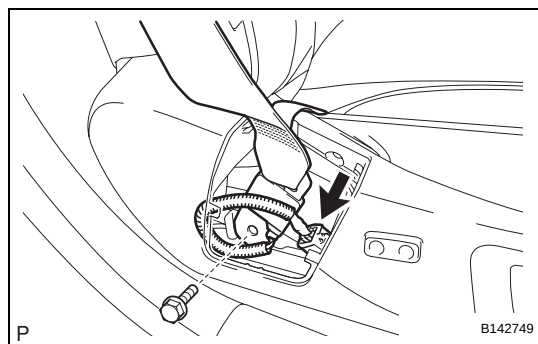
REMOVAL

1. REMOVE SEAT BELT ANCHOR COVER CAP RH

- Hook a screwdriver to part A to bend it toward the inside of the cabin and release the claws. Pull the seat belt anchor cover cap RH upward and remove it.

NOTICE:

Do not damage the seat belt.



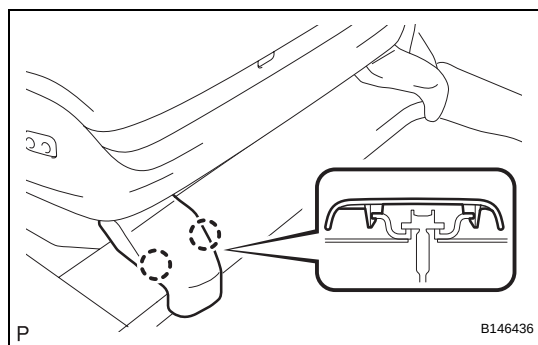
2. DISCONNECT FRONT SEAT OUTER BELT ASSEMBLY RH

- Disconnect the connector.
- Remove the bolt and disconnect the floor end of the front seat outer belt assembly RH.

3. REMOVE FRONT SEAT HEADREST ASSEMBLY

4. REMOVE FRONT SEAT OUTER TRACK BRACKET COVER RH

- Move the front seat assembly to the rearmost position by operating the slide and vertical power seat switch knob.
- Using a screwdriver, disengage the 2 claws and remove the front seat outer track bracket cover RH.
HINT:
Tape the screwdriver tip before use.

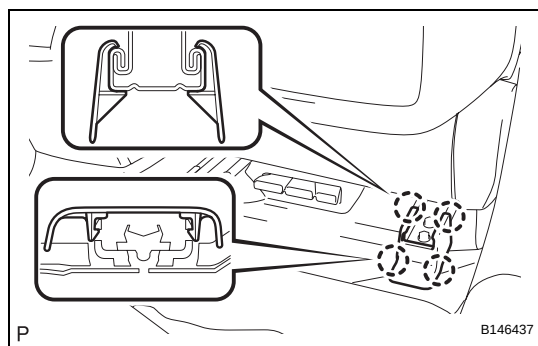


5. REMOVE FRONT SEAT INNER TRACK BRACKET COVER RH

- HINT:
Use the same procedure for the inner side and outer side.

6. REMOVE FRONT SEAT REAR OUTER TRACK BRACKET COVER RH

- Move the front seat assembly fully forward by operating the slide and vertical power seat switch knob.
- Using a screwdriver, disengage the 4 claws and remove the front seat rear outer track bracket cover RH.
HINT:
Tape the screwdriver tip before use.

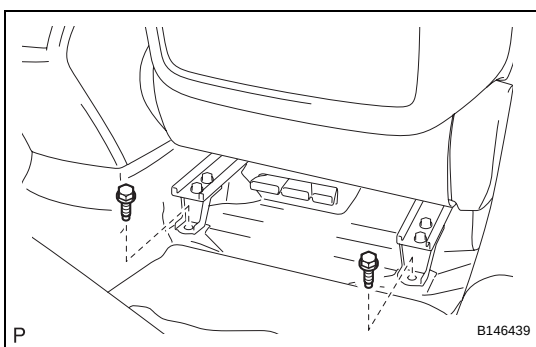
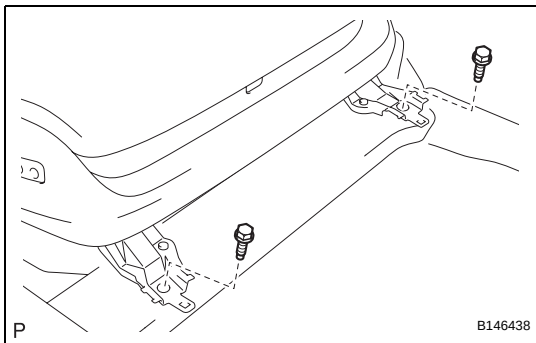


7. REMOVE FRONT SEAT REAR INNER TRACK BRACKET COVER RH

- HINT:
Use the same procedure for the inner side and outer side.

8. REMOVE FRONT SEAT ASSEMBLY RH

- (a) Move the front seat assembly to the rearmost position by operating the slide and vertical power seat switch knob.
- (b) Remove the 2 bolts on the front side.
- (c) Move the front seat assembly fully forward by operating the slide and vertical power seat switch knob.



- (d) Remove the 2 bolts on the rear side.
- (e) Move the front seat assembly to the center position and adjust the seatback to the vertical position by operating the slide and vertical power seat switch knob and the reclining power seat switch knob.
- (f) Turn the engine switch off.
- (g) Disconnect the negative battery cable from the battery, and wait 90 seconds or more.

CAUTION:

Wait 90 seconds or more after disconnecting the negative terminal cable to prevent airbag deployment (See page RS-1).

- (h) Disconnect the connectors and clamp.
- (i) Remove the front seat assembly RH.

NOTICE:

When removing the front seat assembly RH, be careful not to step on the yaw rate sensor mounted on the floor under the seat.

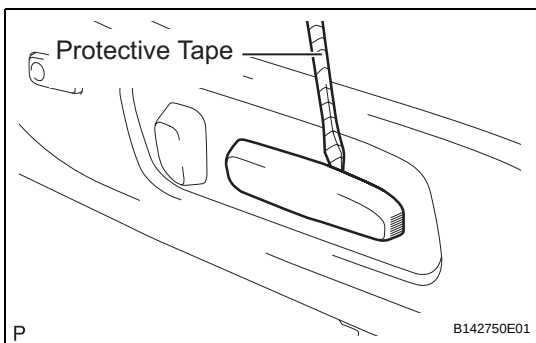
9. REMOVE FRONT SEAT INNER BELT ASSEMBLY RH (See page SB-23)

10. REMOVE SLIDE AND VERTICAL POWER SEAT SWITCH KNOB

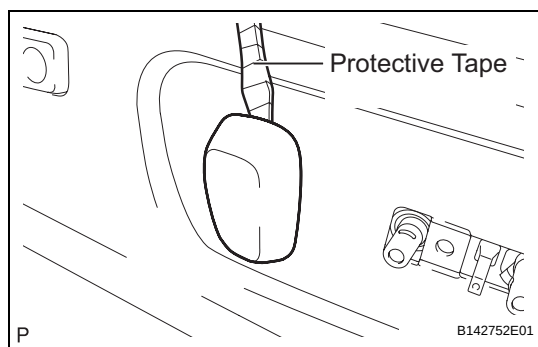
- (a) Using a screwdriver, remove the slide and vertical power seat switch knob.

HINT:

Tape the screwdriver tip before use.



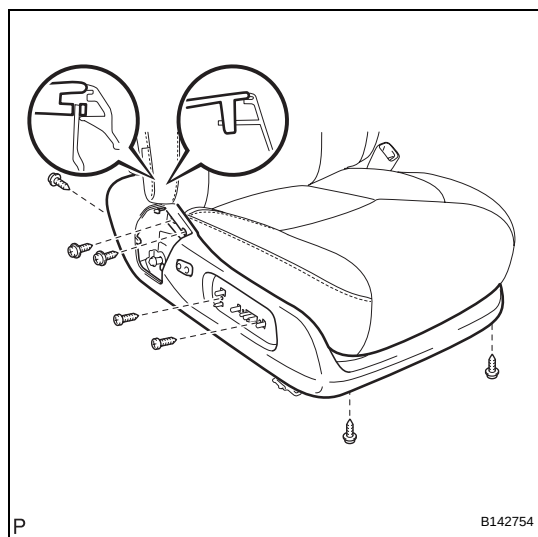
RS

**11. REMOVE RECLINING POWER SEAT SWITCH KNOB**

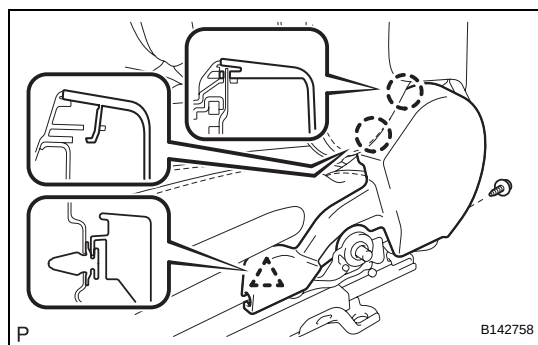
- (a) Using a screwdriver, remove the reclining power seat switch knob.

HINT:

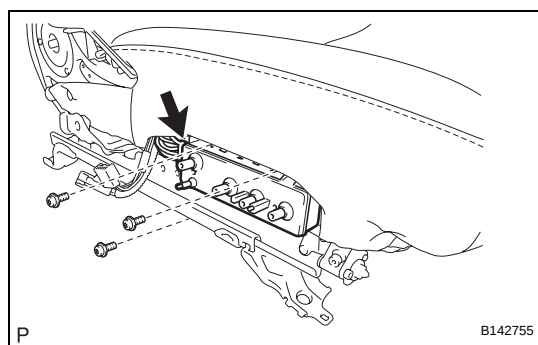
Tape the screwdriver tip before use.

**12. REMOVE FRONT SEAT CUSHION SHIELD ASSEMBLY**

- (a) Remove the 7 screws.
 (b) Disengage the 2 claws and separate the front seat cushion shield assembly.
 (c) Disconnect the connector and then remove the front seat cushion shield assembly.

**13. REMOVE FRONT SEAT INNER CUSHION SHIELD LH**

- (a) Remove the screw.
 (b) Disengage the 2 claws and clip, and then remove the front seat inner cushion shield LH.

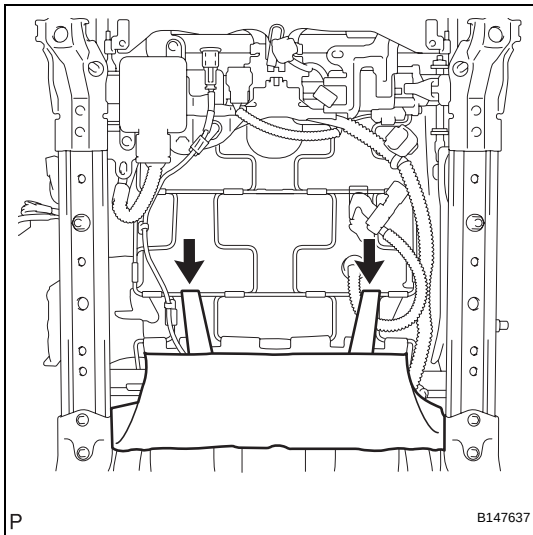
**14. REMOVE FRONT POWER SEAT SWITCH RH**

- (a) Remove the 3 screws.
 (b) Disconnect the connector and remove the front power seat switch RH.

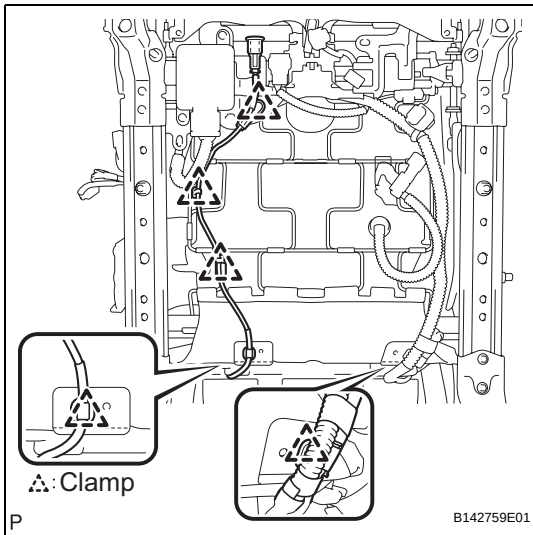
15. REMOVE OCCUPANT CLASSIFICATION ECU (See page [RS-502](#))

16. REMOVE SEPARATE TYPE FRONT SEAT CUSHION ASSEMBLY RH

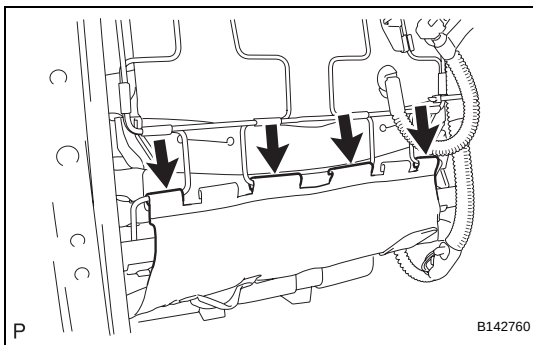
(a) Disengage the 2 hooks.



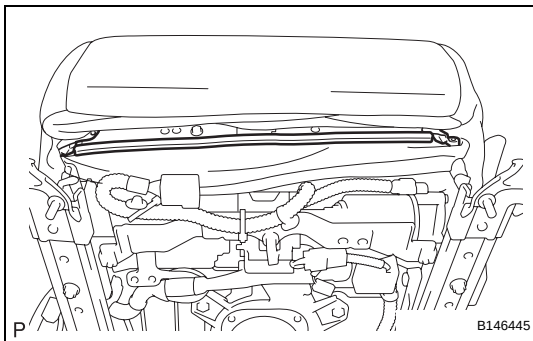
(b) Disengage the clamps.



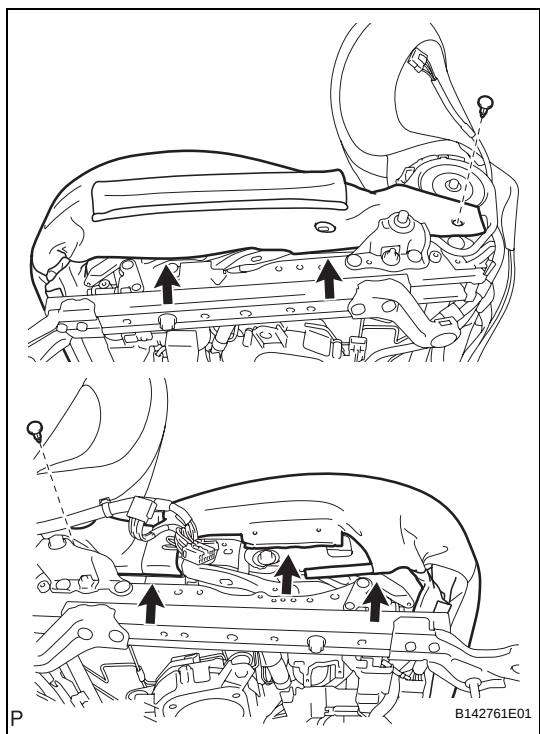
(c) Disengage the 4 hooks.



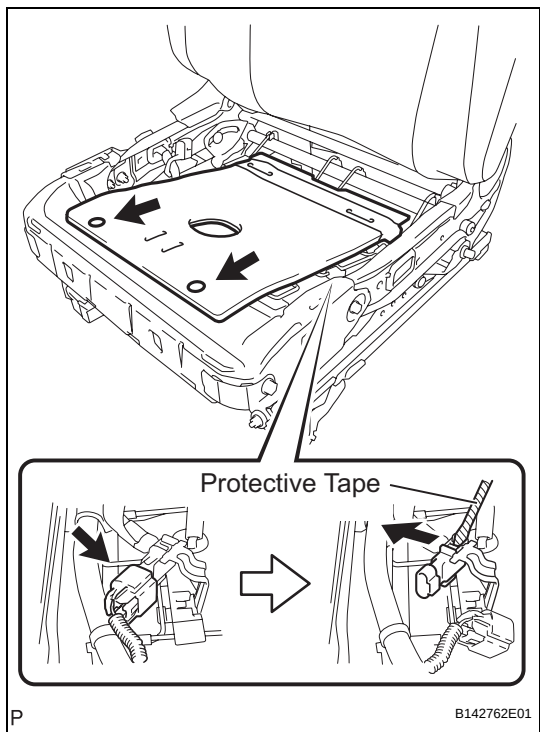
(d) Using a screwdriver, disengage the hooks.



RS



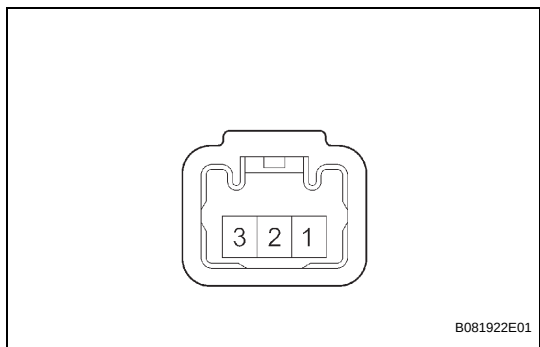
- (e) Remove the 2 clips.
- (f) Disengage the hooks and remove the separate type front seat cushion assembly RH.



17. REMOVE OCCUPANT CLASSIFICATION SENSOR

- (a) Disconnect the connector.
- (b) Using a screwdriver, raise the claws on the bracket and pull out the connector in the direction indicated by the arrow in the illustration.
HINT:
Tape the screwdriver tip before use.
- (c) Using a clip remover, disengage the 2 clips and remove the occupant classification sensor.

NOTICE:
When the occupant classification sensor is replaced, be sure to replace the occupant classification ECU as a set.



INSPECTION

1. INSPECT OCCUPANT DETECTION SENSOR

- (a) Measure the resistance according to the value(s) in the table below.

Resistance

Tester Connection	Condition	Specified Condition
1 - 3	The passenger seat is occupied	Below 100 Ω
1 - 3	The passenger seat is not occupied	Below 1 MΩ

INSTALLATION

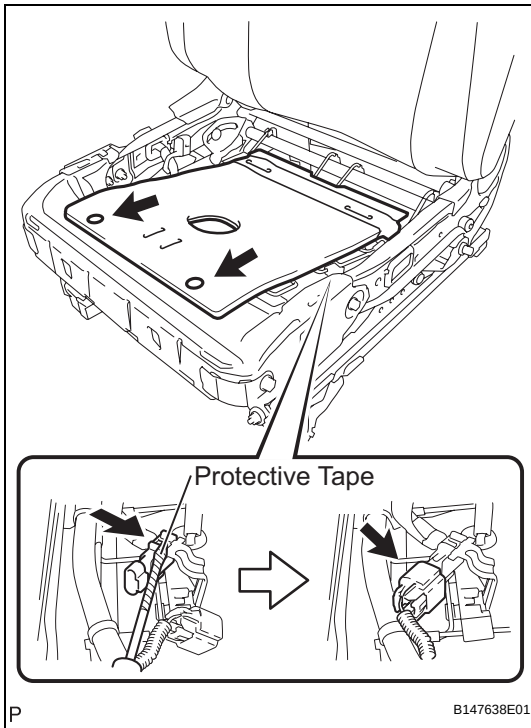
1. INSTALL OCCUPANT CLASSIFICATION SENSOR

- Install the occupant classification sensor with the 2 clips.
- Connect the connector to the connection in the bracket.

HINT:

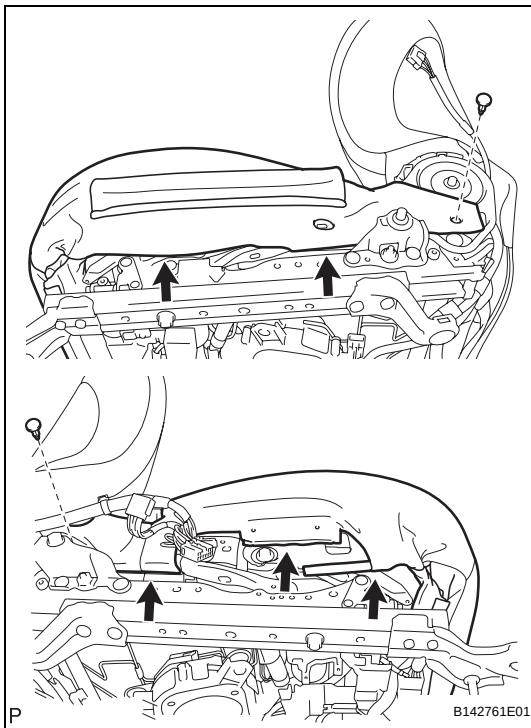
If the connector cannot be connected securely, push the claws down on the bracket using a screwdriver.

- Connect the connector.

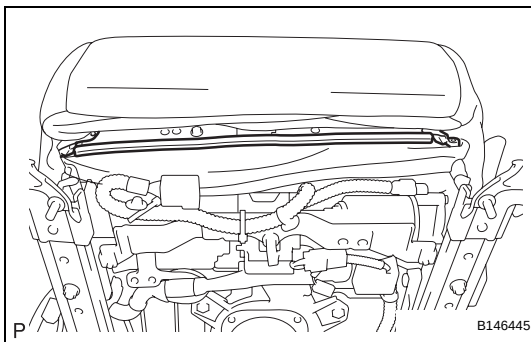


2. INSTALL SEPARATE TYPE FRONT SEAT CUSHION ASSEMBLY RH

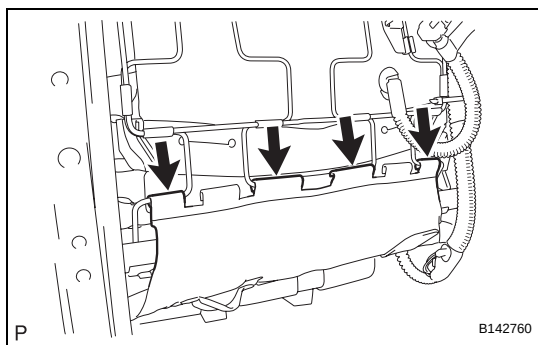
- Engage the hooks.
- Install the separate type front seat cushion assembly RH with the 2 clips.



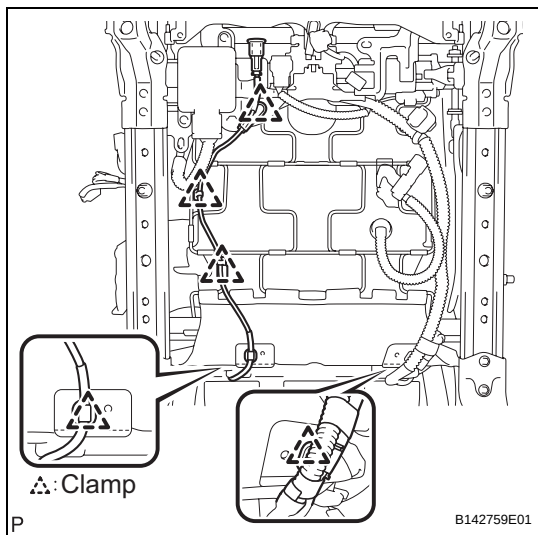
- Engage the hooks.



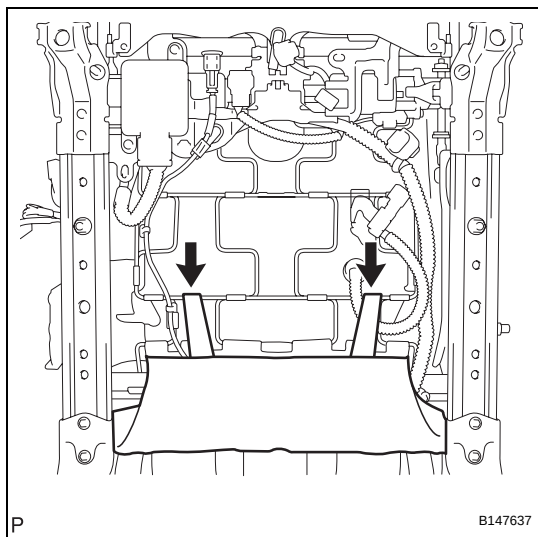
RS



(d) Engage the 4 hooks.

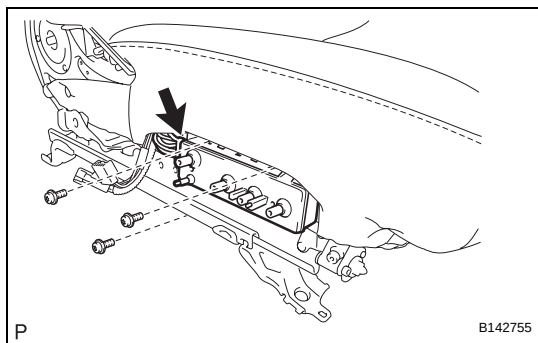


(e) Engage the clamps.



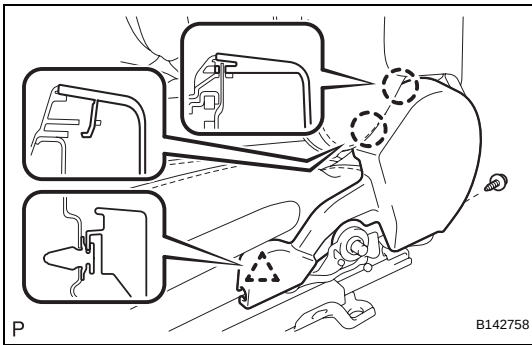
(f) Engage the 2 hooks.

3. INSTALL OCCUPANT CLASSIFICATION ECU (See page RS-502)

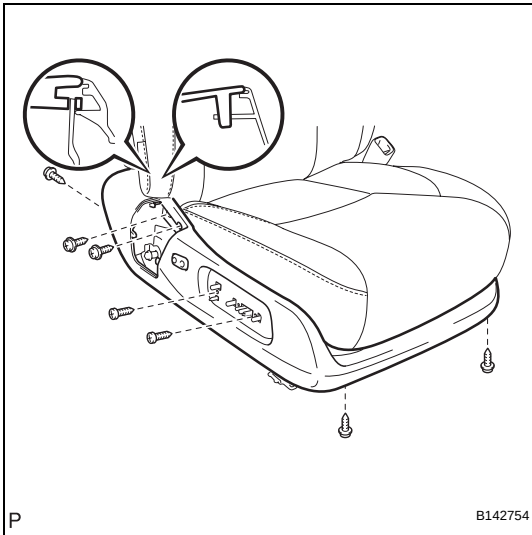


4. REMOVE FRONT POWER SEAT SWITCH RH

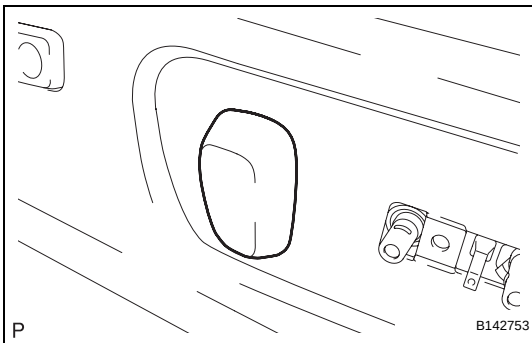
- (a) Connect the connector.
- (b) Install the front power seat switch RH with the 3 screws.



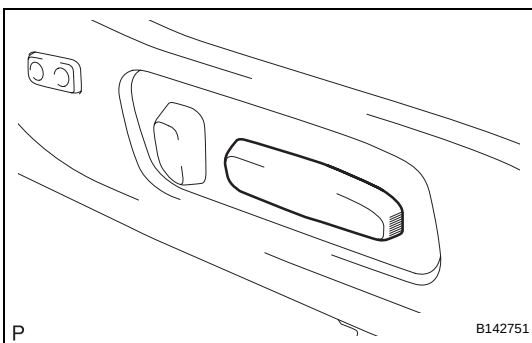
- 5. INSTALL FRONT SEAT INNER CUSHION SHIELD LH**
- (a) Engage the 2 claws and clip.
 - (b) Install the front seat inner cushion shield LH with the screw.



- 6. INSTALL FRONT SEAT CUSHION SHIELD ASSEMBLY**
- (a) Connect the connector.
 - (b) Engage the 2 claws.
 - (c) Install the front seat cushion shield assembly with the 7 screws.

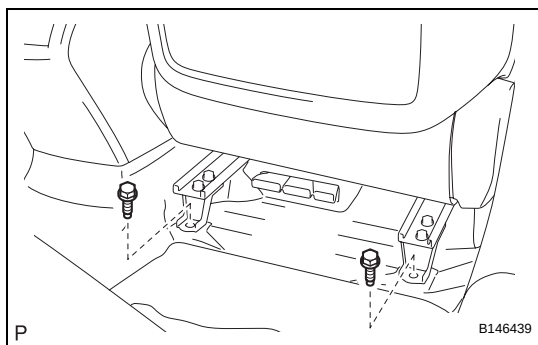


- 7. INSTALL RECLINING POWER SEAT SWITCH KNOB**
- (a) Install the reclining power seat switch knob.

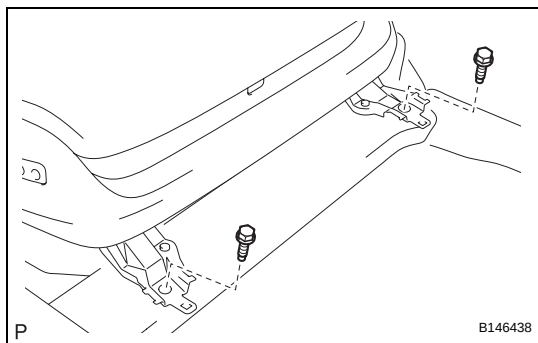


- 8. INSTALL SLIDE AND VERTICAL POWER SEAT SWITCH KNOB**
- (a) Install the slide and vertical power seat switch knob.
- 9. INSTALL FRONT SEAT INNER BELT ASSEMBLY RH (See page [SB-24](#))**
- 10. INSTALL FRONT SEAT ASSEMBLY RH**
- (a) Place the seat in the cabin.
 - (b) Connect the connectors under the seat.
 - (c) Connect the cable to the negative battery terminal.
 - (d) Move the front seat assembly RH fully forward by operating the slide and vertical power seat switch knob.
- NOTICE:**
Check that the seat is locked.

RS



- (e) Temporarily install the front side of the front seat assembly RH with the 2 bolts.
- (f) Move the front seat assembly RH fully forward by operating the slide and vertical power seat switch knob.

NOTICE:**Check that the seat is locked.**

- (g) Temporarily install the rear side of the front seat assembly RH with the 2 bolts.
- (h) Move the front seat assembly RH to the rearmost position by operating the slide and vertical power seat switch knob.

NOTICE:**Check that the seat is locked.**

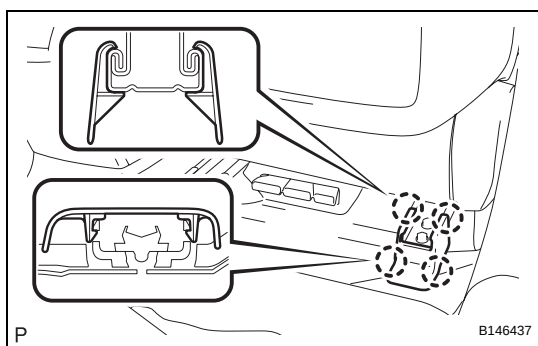
- (i) Fully tighten the 2 bolts on the front side of the front seat assembly RH in the order of the inner side bolt and then the outer side bolt.

Torque: 37 N*m (377 kgf*cm, 27 ft.*lbf)

- (j) Move the front seat assembly RH fully forward by operating the slide and vertical power seat switch knob.

NOTICE:**Check that the seat is locked.**

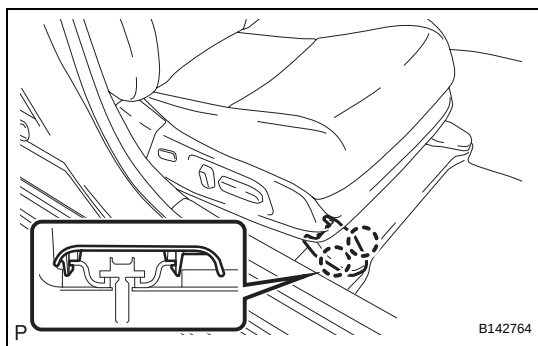
- (k) Fully tighten the 2 bolts on the rear side of the front seat assembly RH in the order of the inner side bolt and then the outer side bolt.

Torque: 37 N*m (377 kgf*cm, 27 ft.*lbf)**11. INSTALL FRONT SEAT REAR OUTER TRACK BRACKET COVER RH**

- (a) Engage the 4 claws and install the front seat rear outer track bracket cover RH.

12. INSTALL FRONT SEAT REAR INNER TRACK BRACKET COVER RH**HINT:**

Use the same procedure for the inner side and outer side.

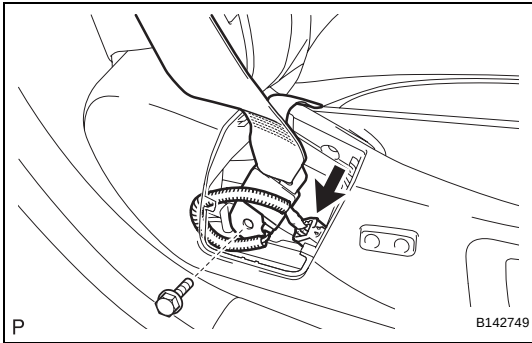
**13. INSTALL FRONT SEAT OUTER TRACK BRACKET COVER RH**

- (a) Engage the 2 claws and install the front seat outer track bracket cover RH.

14. INSTALL FRONT SEAT INNER TRACK BRACKET COVER RH**HINT:**

Use the same procedure for the inner side and outer side.

15. INSTALL FRONT SEAT HEADREST ASSEMBLY

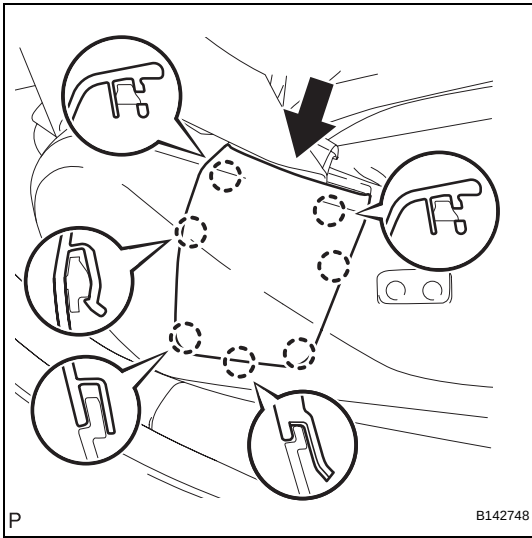


16. CONNECT FRONT SEAT OUTER BELT ASSEMBLY RH

- (a) Connect the front seat outer belt assembly RH with the bolt.

Torque: 42 N*m (428 kgf*cm, 31 ft.*lbf)

- (b) Connect the connector.



17. INSTALL SEAT BELT ANCHOR COVER CAP RH

- (a) Engage the 7 claws and install the seat belt anchor cover cap RH.

18. PERFORM INITIALIZATION

- (a) Perform initialization (See page [IN-33](#)).

HINT:

Some systems need initialization after reconnecting the cable to the negative battery terminal.

19. PERFORM ZERO POINT CALIBRATION AND SENSITIVITY CHECK

- (a) Perform zero point calibration and sensitivity check (See page [RS-312](#)).

20. INSPECT FRONT SEAT ASSEMBLY (See page [SE-110](#))

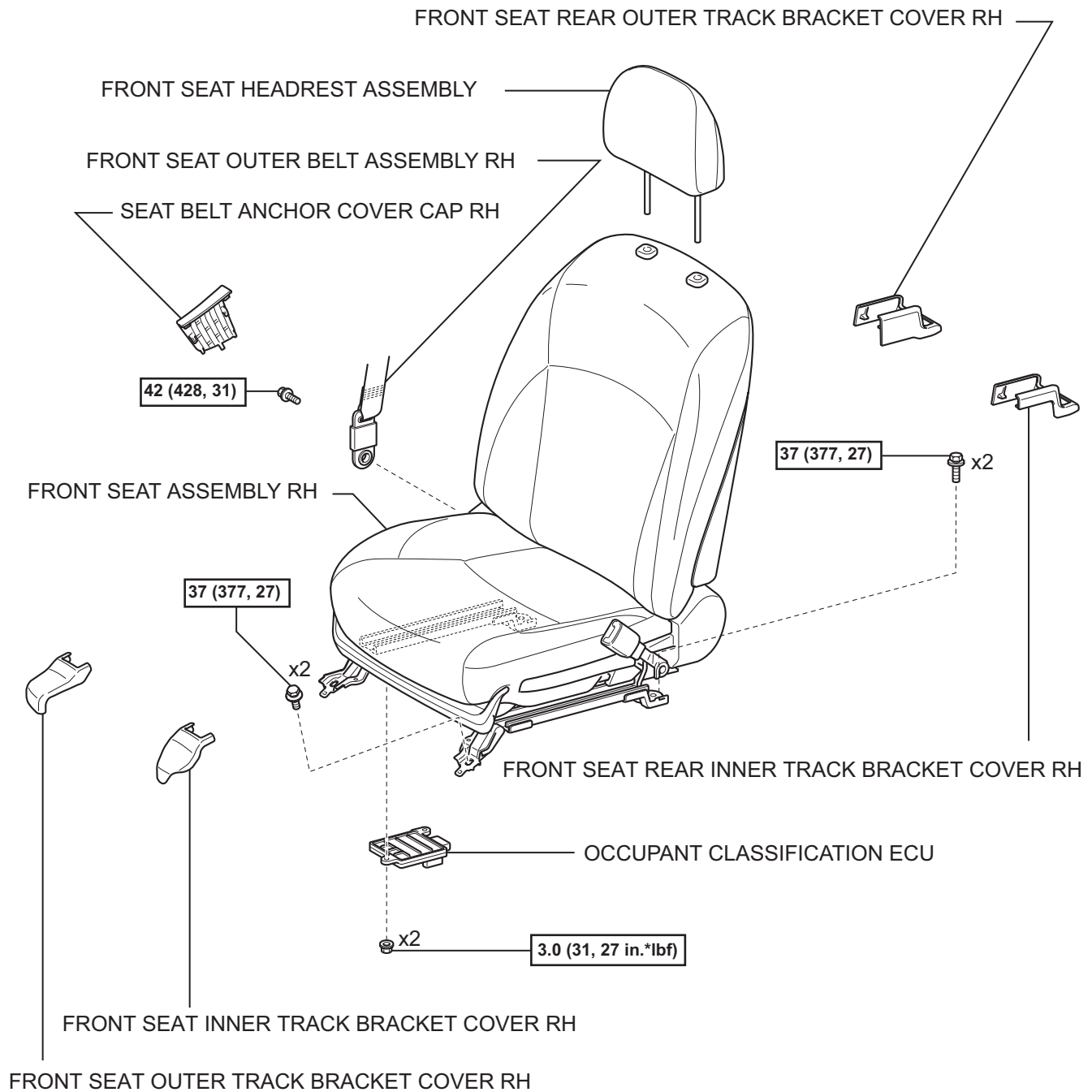
21. INSPECT SRS WARNING LIGHT

- (a) Inspect SRS warning light (See page [RS-37](#)).

OCCUPANT CLASSIFICATION ECU

COMPONENTS

RS



N*m (kgf*cm, ft.*lbf) : Specified torque

ON-VEHICLE INSPECTION

1. INSPECT OCCUPANT CLASSIFICATION ECU (VEHICLE NOT INVOLVED IN COLLISION)

- (a) Perform a diagnostic system check (See page [RS-315](#)).

2. INSPECT OCCUPANT CLASSIFICATION ECU (VEHICLE INVOLVED IN COLLISION)

- (a) Perform a diagnostic system check (See page [RS-315](#)).
- (b) Even if the airbag was not deployed, check if there is any damage to the occupant classification ECU. If there are any defects as mentioned below, replace the occupant classification ECU with a new one:
 - Cracks, dents or chips on the case.
 - Cracks or other damage to the connector.

CAUTION:

Be sure to follow the correct removal and installation procedures.

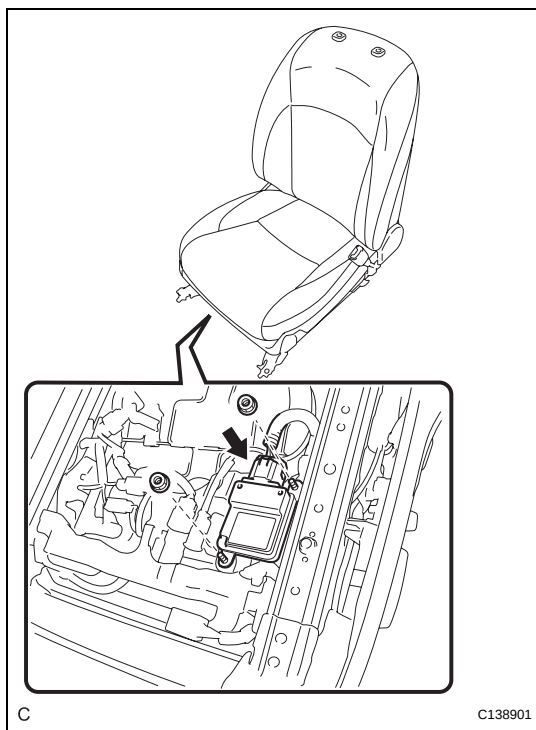
REMOVAL

1. PRECAUTION

CAUTION:

Be sure to read "PRECAUTION" thoroughly before servicing (See page [RS-1](#)).

2. REMOVE SEAT BELT ANCHOR COVER CAP RH (See page [SB-27](#))
3. DISCONNECT FRONT SEAT OUTER BELT ASSEMBLY RH (See page [SB-27](#))
4. REMOVE FRONT SEAT HEADREST ASSEMBLY
5. REMOVE FRONT SEAT OUTER TRACK BRACKET COVER RH (See page [RS-490](#))
6. REMOVE FRONT SEAT INNER TRACK BRACKET COVER RH (See page [RS-490](#))
7. REMOVE FRONT SEAT REAR OUTER TRACK BRACKET COVER RH (See page [RS-490](#))
8. REMOVE FRONT SEAT REAR INNER TRACK BRACKET COVER RH (See page [RS-490](#))
9. REMOVE FRONT SEAT ASSEMBLY RH (See page [SE-83](#))
10. REMOVE OCCUPANT CLASSIFICATION ECU
 - (a) Disconnect the connector from the occupant classification ECU.
 - (b) Remove the 2 nuts and occupant classification ECU.



INSTALLATION

1. INSTALL OCCUPANT CLASSIFICATION ECU

- (a) Check that the engine switch is off.
- (b) Check that the negative battery (-) cable is disconnected.

CAUTION:

Wait for 90 seconds after disconnecting the cable to prevent airbag deployment.

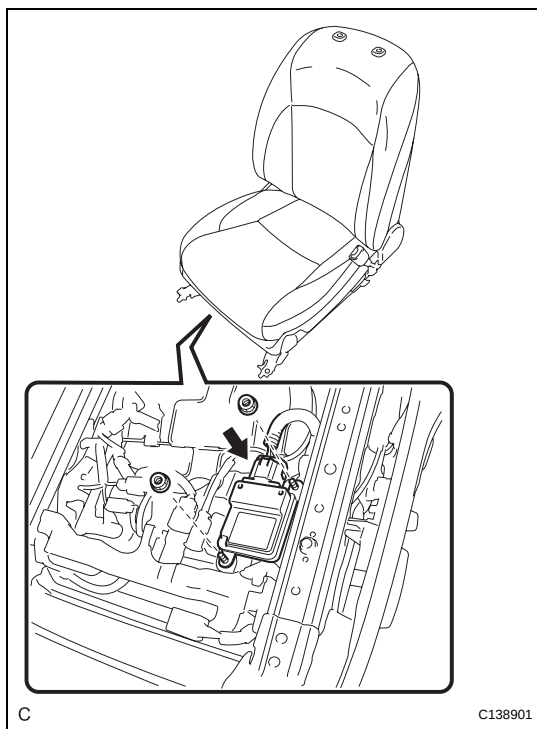
- (c) Install the occupant classification ECU with the 2 nuts.

Torque: 3.0 N*m (31 kgf*cm, 27 in.*lbf)

- (d) Connect the connector.

NOTICE:

- If the occupant classification ECU has been dropped, or there are any cracks, dents or other defects in the case or connector, replace the occupant classification ECU with a new one.
- When installing the occupant classification ECU, be careful that the SRS wiring does not interfere with other parts and that it is not pinched between other parts.



2. INSTALL FRONT SEAT ASSEMBLY RH (See page [SE-109](#))

3. INSTALL FRONT SEAT REAR INNER TRACK BRACKET COVER RH (See page [RS-498](#))

4. INSTALL FRONT SEAT REAR OUTER TRACK BRACKET COVER RH (See page [RS-498](#))

5. INSTALL FRONT SEAT INNER TRACK BRACKET COVER RH (See page [RS-498](#))

6. INSTALL FRONT SEAT OUTER TRACK BRACKET COVER RH (See page [SE-110](#))

7. INSTALL FRONT SEAT HEADREST ASSEMBLY

8. CONNECT FRONT SEAT OUTER BELT ASSEMBLY RH (See page [SB-31](#))

9. INSTALL SEAT BELT ANCHOR COVER CAP RH (See page [SB-31](#))

10. PERFORM INITIALIZATION

- (a) Perform initialization (See page [IN-33](#)).

HINT:

Some systems need initialization after reconnecting the cable to the negative battery terminal.

11. PERFORM ZERO POINT CALIBRATION AND SENSITIVITY CHECK

- (a) Perform zero point calibration and sensitivity check (See page [RS-312](#)).

12. INSPECT FRONT SEAT ASSEMBLY (See page [SE-110](#))

13. INSPECT SRS WARNING LIGHT

- (a) Inspect the SRS warning light (See page [RS-37](#)).