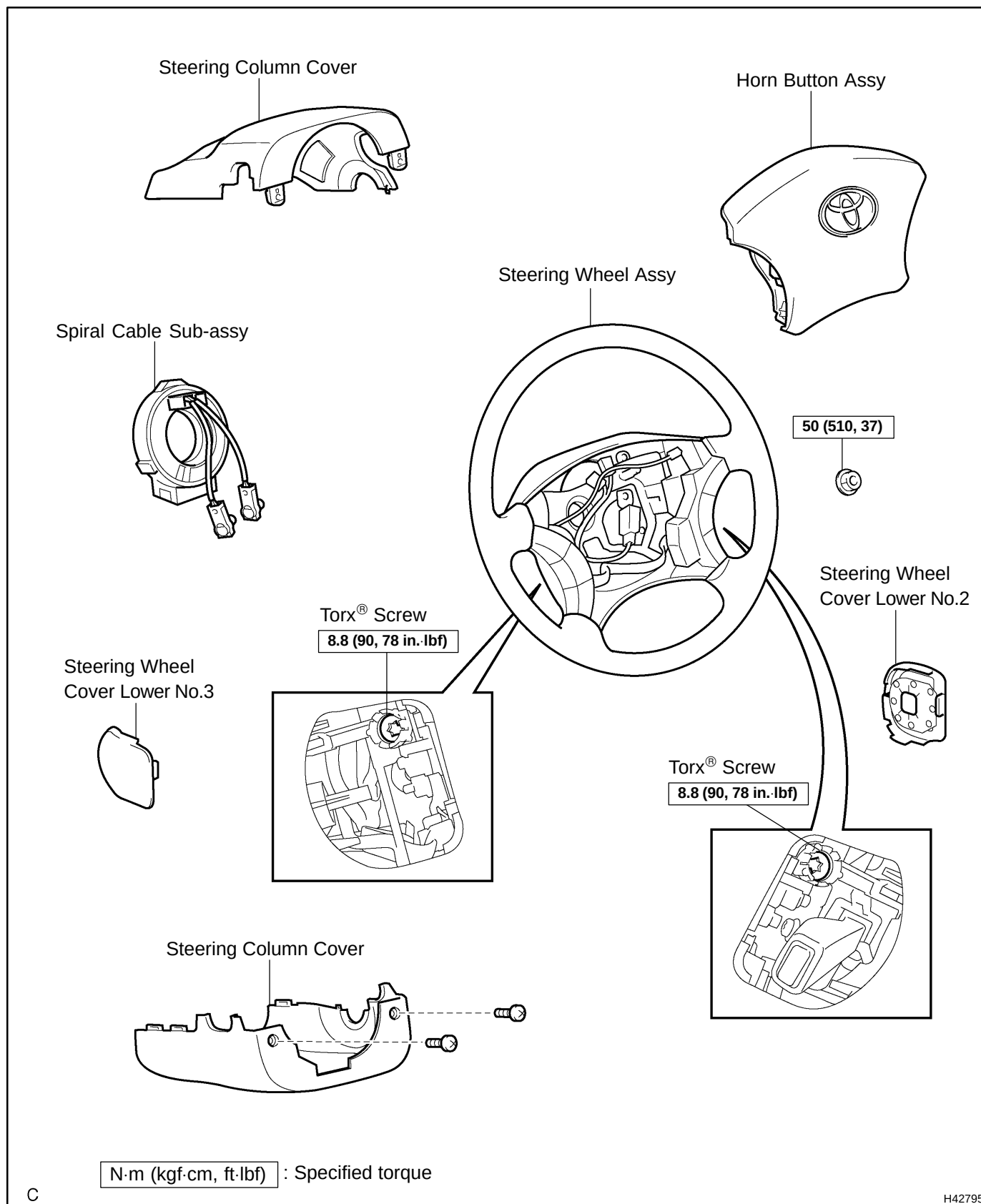


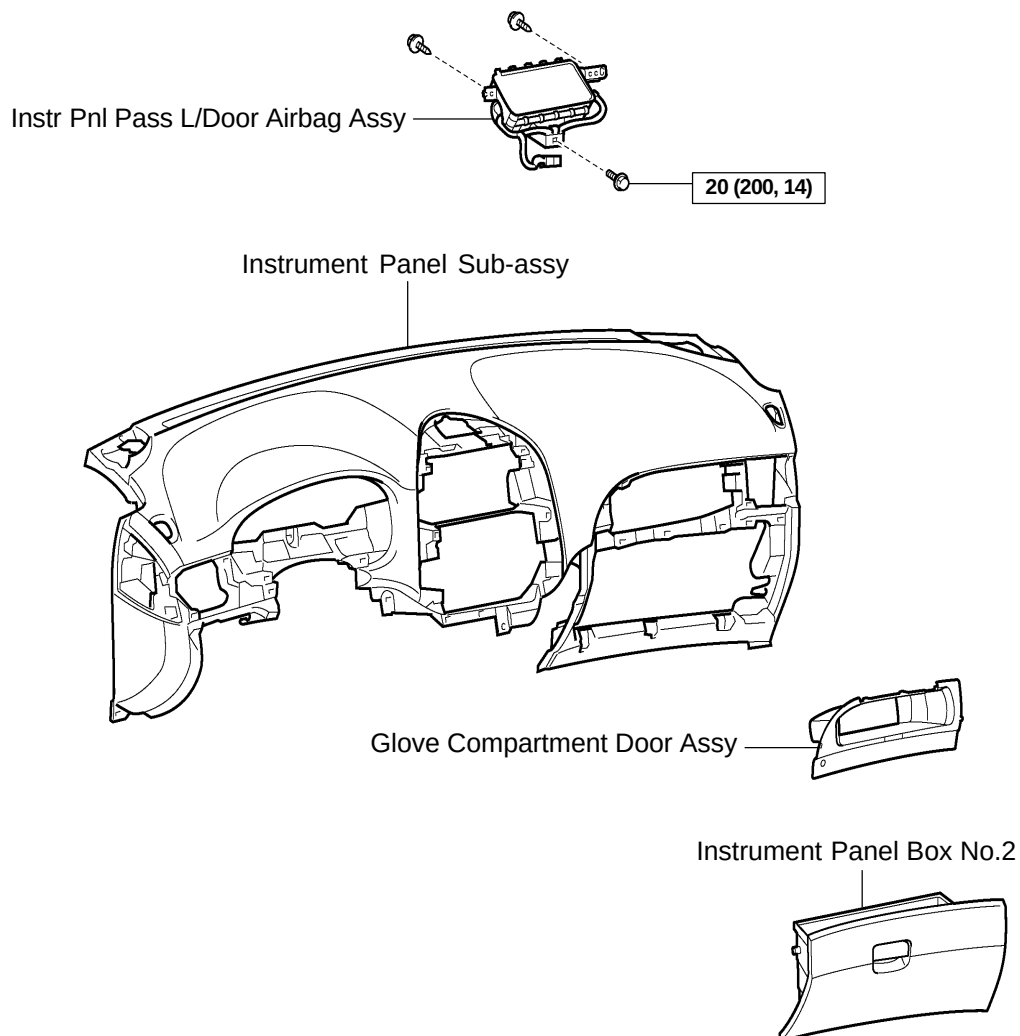
HORN BUTTON ASSY COMPONENTS

6008X-09



INSTR PNL PASS L/DOOR AIR BAG ASSY COMPONENTS

600FS-02



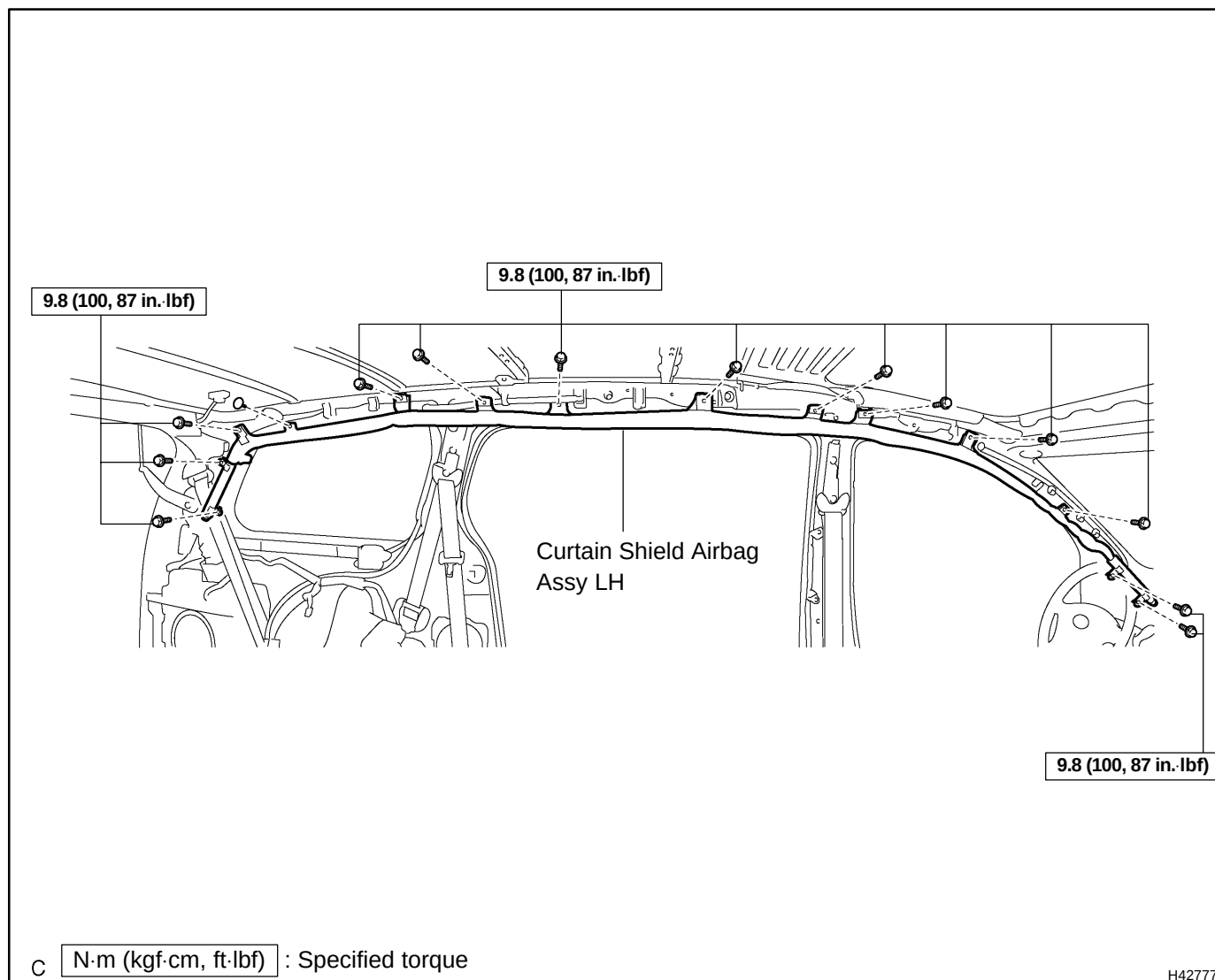
C N·m (kgf·cm, ft·lbf) : Specified torque

H42776

CURTAIN SHIELD AIR BAG ASSY LH

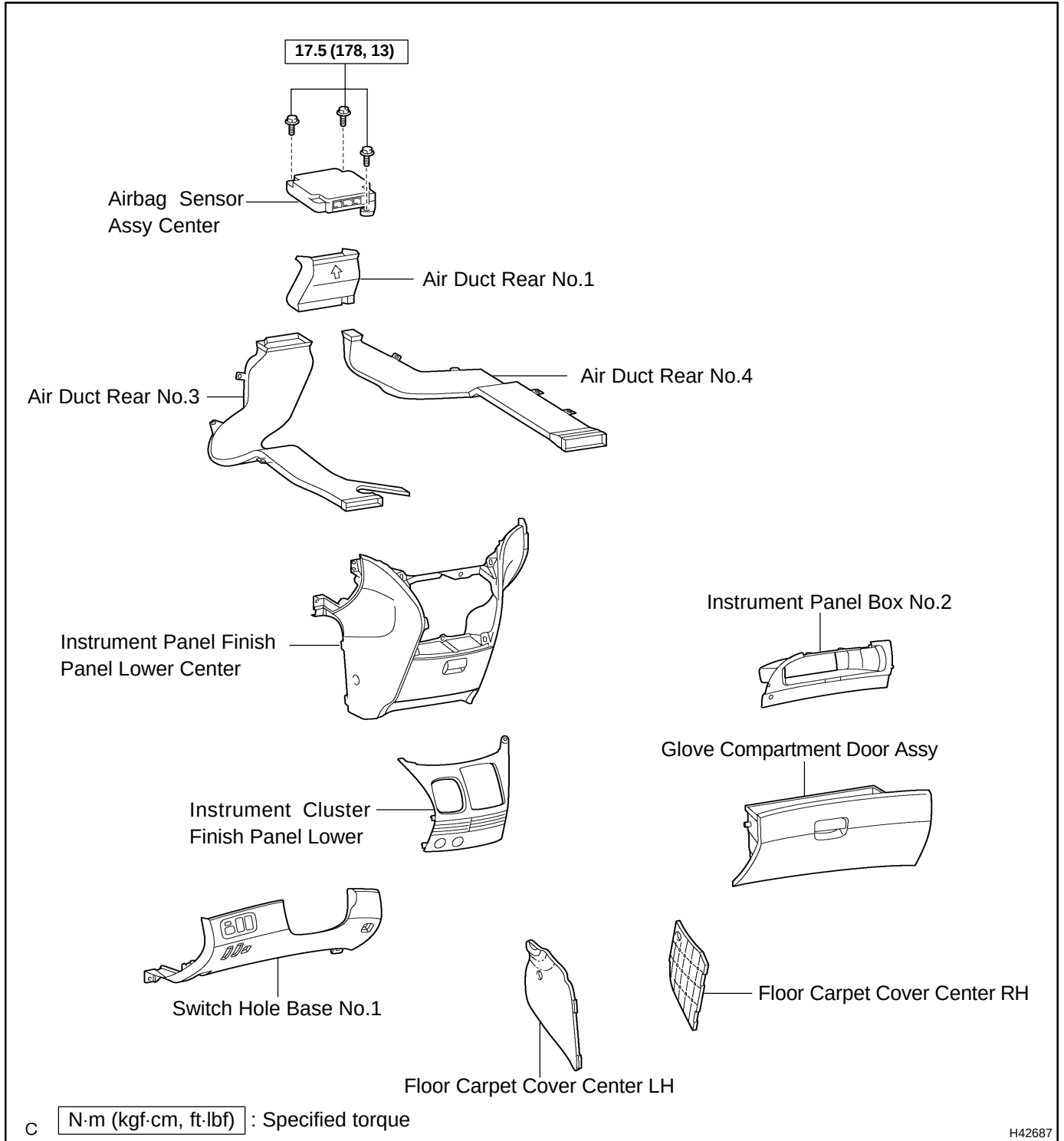
COMPONENTS

60095-04



AIR BAG SENSOR ASSY CENTER COMPONENTS

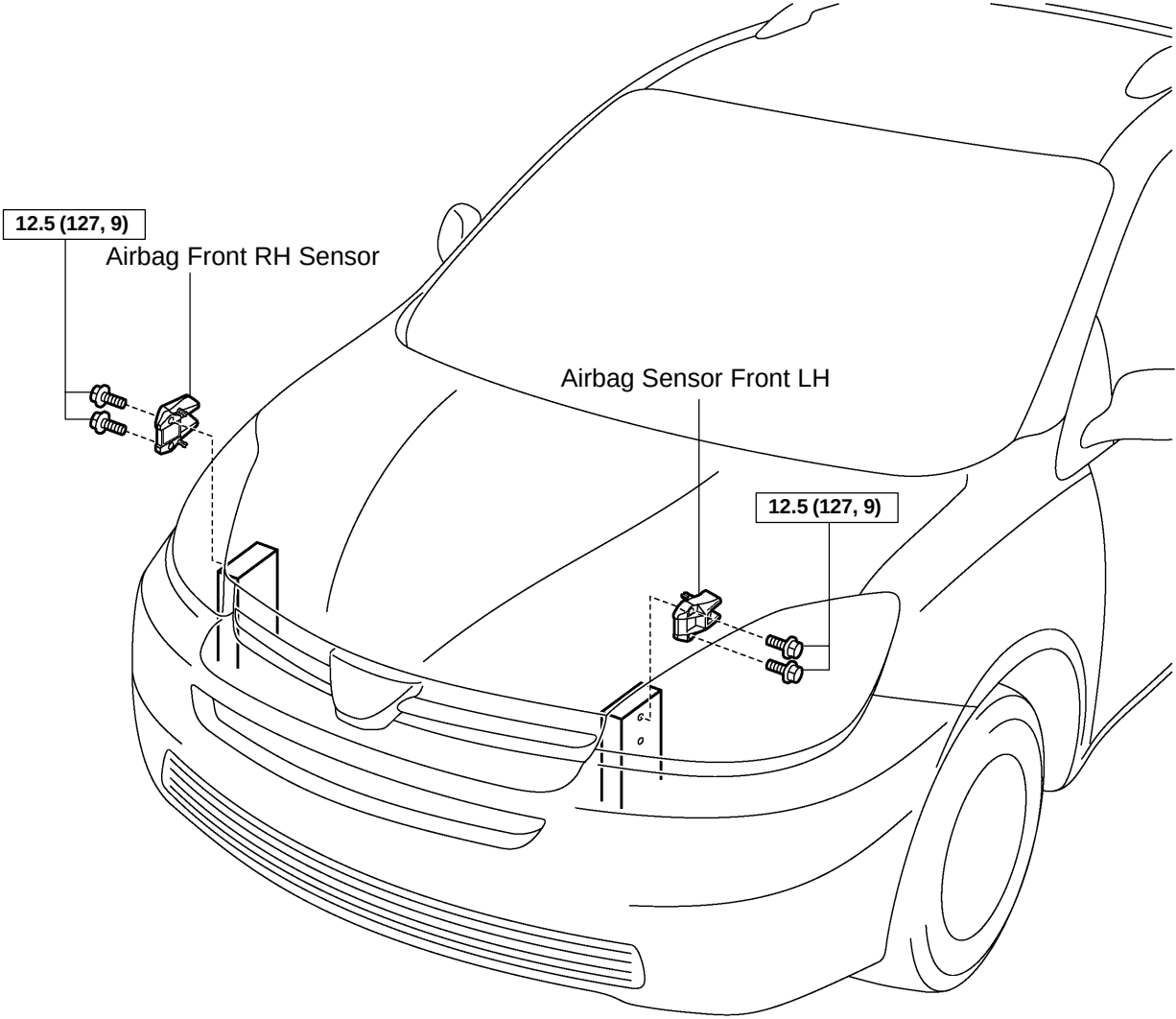
60099-04



AIR BAG SENSOR FRONT LH

COMPONENTS

6009B-04



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

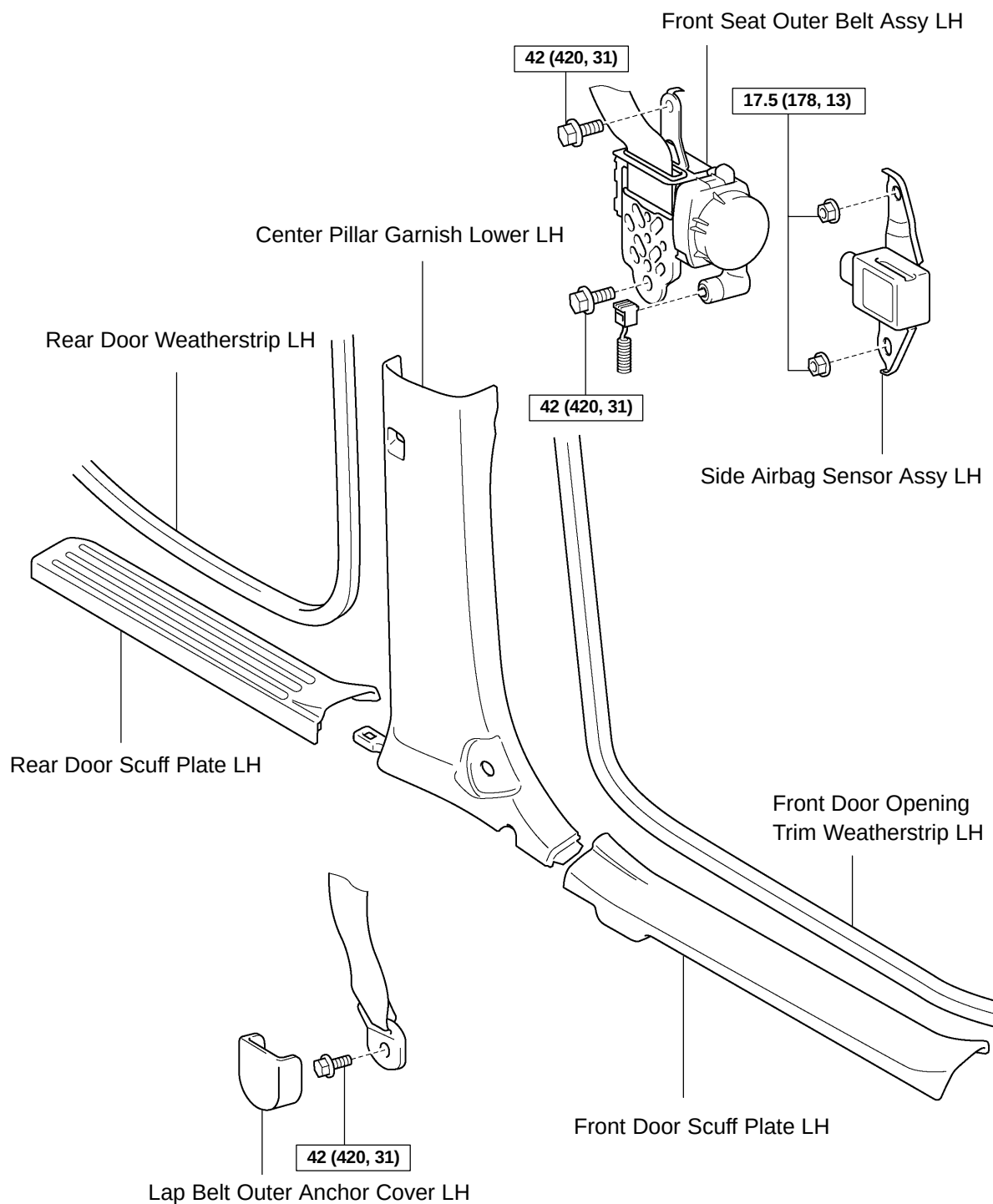
C

H42689

SIDE AIR BAG SENSOR ASSY LH

COMPONENTS

6009F-04

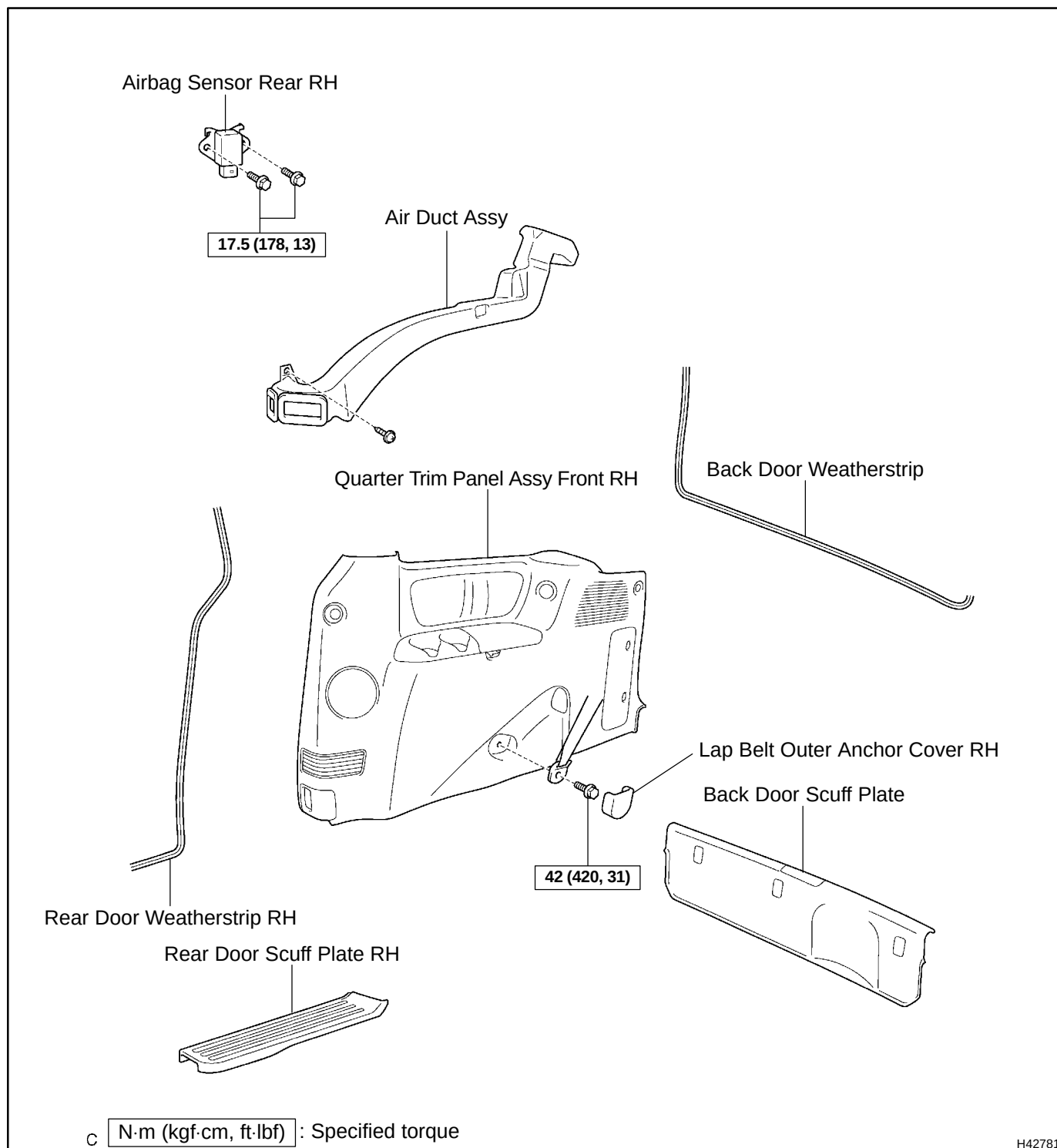


C N·m (kgf·cm, ft·lbf) : Specified torque

H42692

AIR BAG SENSOR REAR RH COMPONENTS

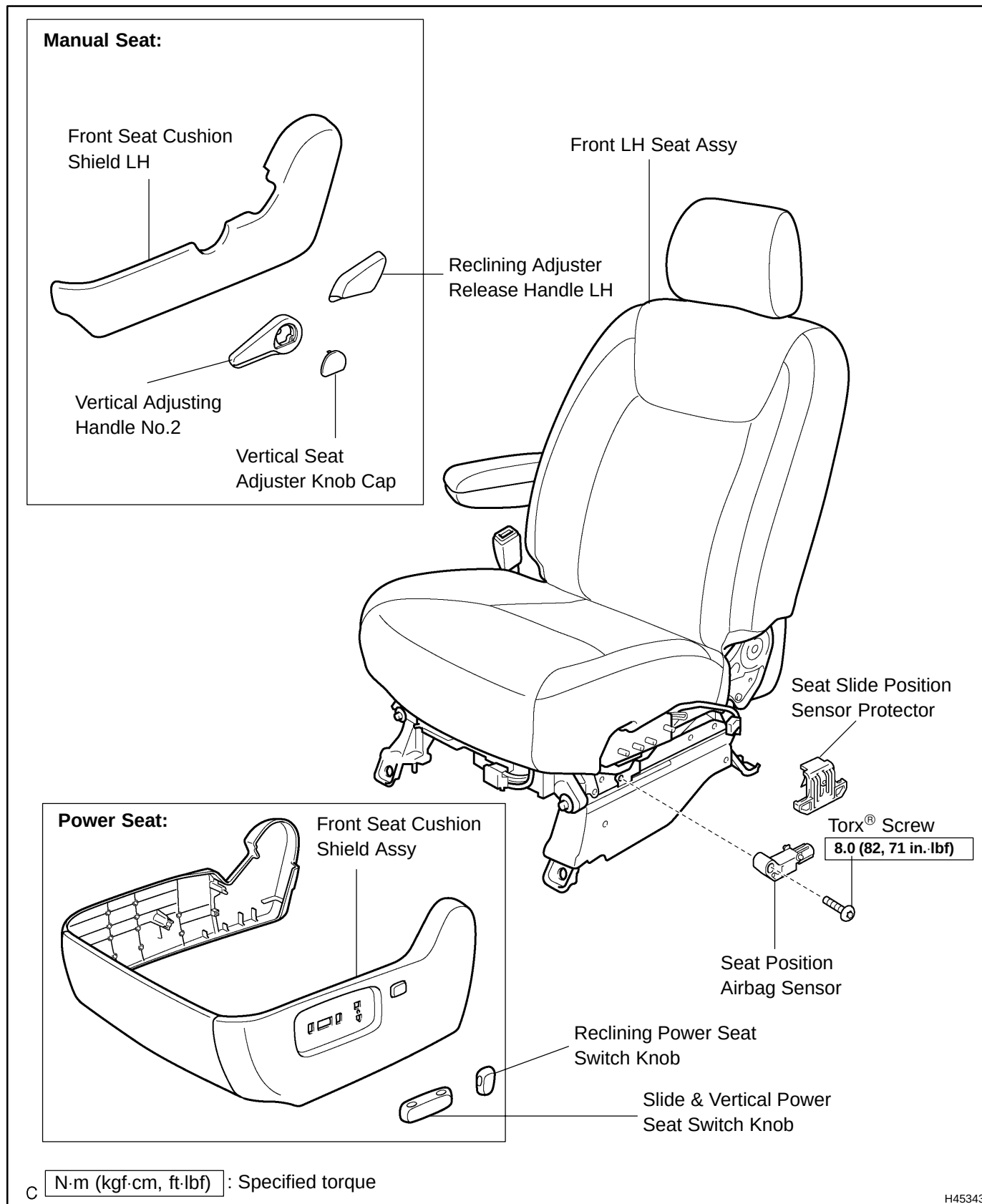
600JL-01



H42781

SEAT POSITION AIR BAG SENSOR COMPONENTS

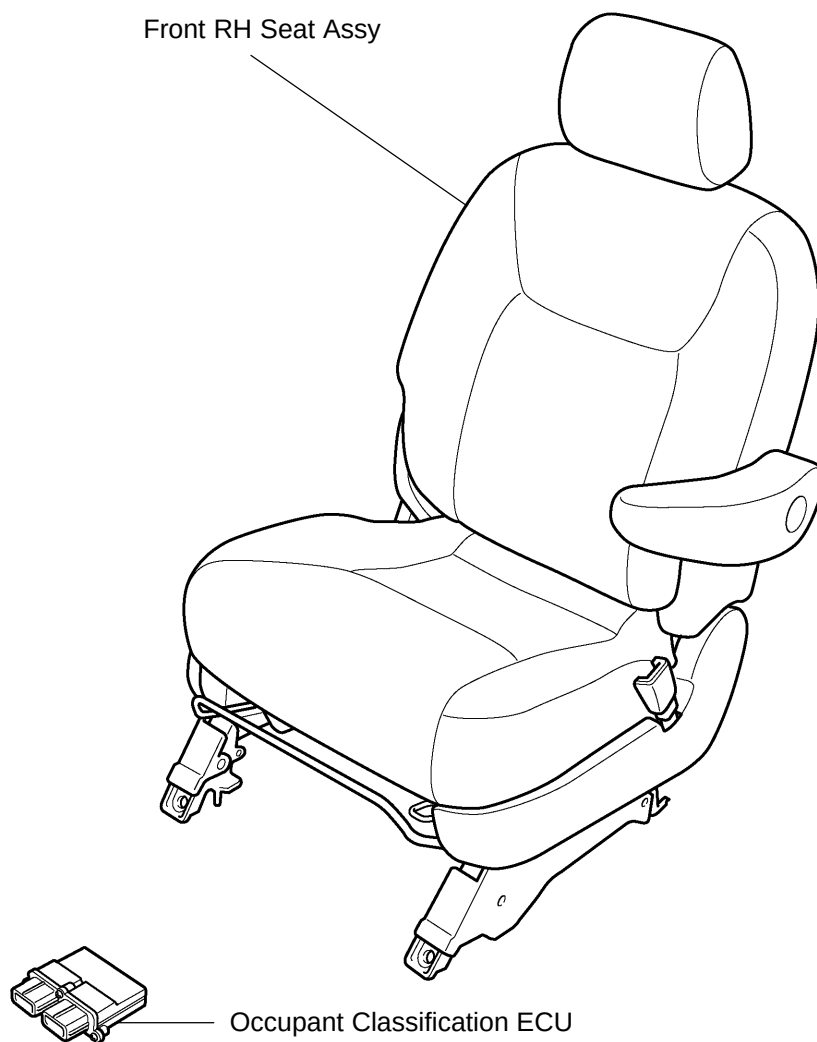
600KV-09



H45343

OCCUPANT CLASSIFICATION ECU COMPONENTS

600KX-10



C

H45344

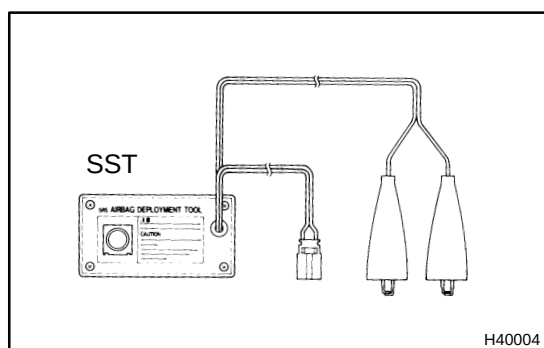
DISPOSAL

HINT:

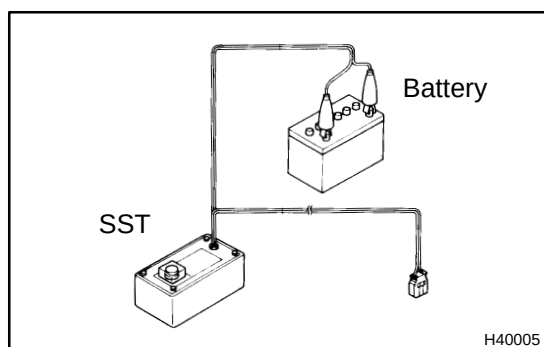
When scrapping a vehicle equipped with the SRS or disposing of a horn button assy, be sure to deploy the airbag first in accordance with the procedure described below. If any abnormality occurs with the airbag deployment, contact the SERVICE DEPT. of TOYOTA MOTOR SALES, U.S.A., INC.

CAUTION:

- Never dispose of the horn button assy that has an un-deployed airbag.
- The airbag produces a sizeable exploding sound when it is deployed. So perform the operation out-of-doors and where it will not create a nuisance to nearby residents.



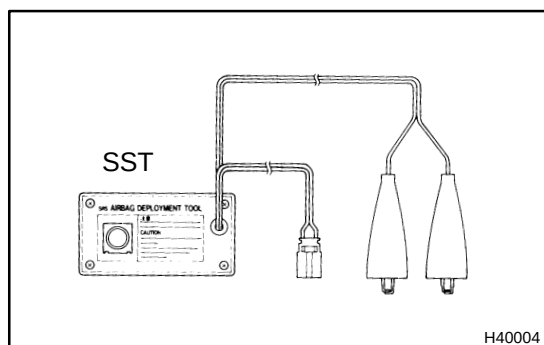
- When deploying the airbag, always use the specified SST (SRS Airbag Deployment Tool). Perform the operation in a place away from electrical noise.
- When deploying the airbag, perform the operation at least 10 m (33 ft) away from the horn button assy.
- The horn button assy is extremely hot when the airbag is deployed, so leave it alone for at least 30 minutes after deployment.
- Use gloves and safety glasses when handling the horn button assy with the deployed airbag.
- Do not apply water, etc. to the horn button assy with the deployed airbag.
- Always wash your hands with water after completing the operation.



1. DISPOSE OF HORN BUTTON ASSY (WHEN SCRAPPING VEHICLE DEPLOYMENT METHOD)

HINT:

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

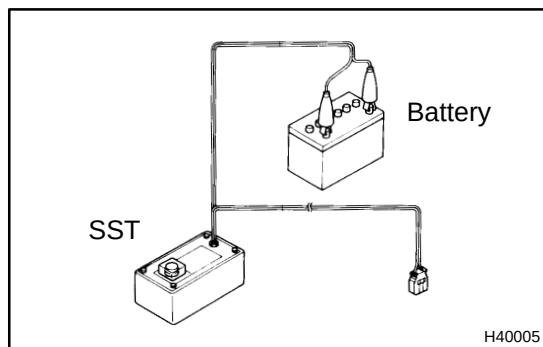


(a) Check the function of the SST.

CAUTION:

When deploying the airbag, always use the specified SST: SRS Airbag Deployment Tool.

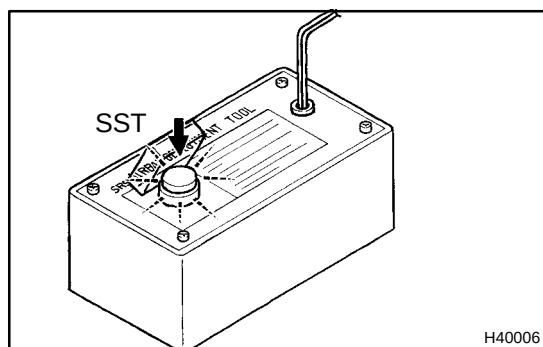
SST 09082-00700



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

HINT:

Do not connect the yellow connector of the SST which is to be connected with the supplemental restraint system.

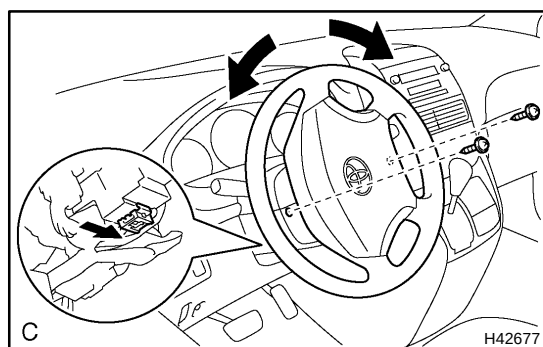


- (2) Check the function of the SST.
Press the SST activation switch, and check that the LED of the SST activation switch comes on.

CAUTION:

If the LED illuminates when the activation switch is not being pressed, SST malfunction is probable, so definitely do not use the SST.

- (3) Disconnect the SST from the battery.

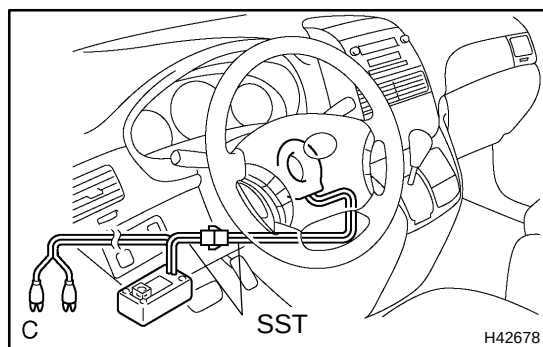


- (b) Install the SST.

CAUTION:

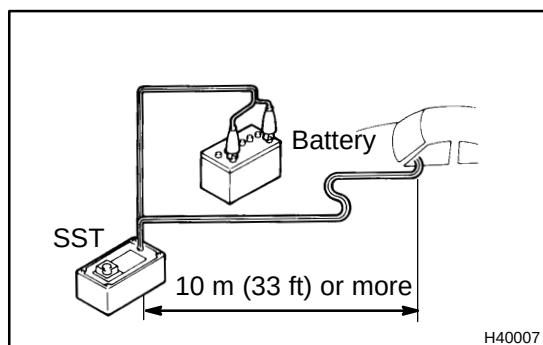
Check that there is no looseness in the steering wheel and horn button Assy.

- (1) While turning the steering wheel right / left, remove the 2 screws and column lower cover.
- (2) Disconnect the airbag connector of the spiral cable sub-assy.



- (3) Connect the connectors of the SST to the airbag connector of the spiral cable sub-assy.

SST 09082-00700, 09082-00780



- (4) Move the SST at least 10 m (33 ft) away from the front of the vehicle.
- (5) Close all the 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.

- (c) Deploy the airbag.
 - (1) Confirm that no one is inside the vehicle or within 10 m (33 ft) area around the vehicle.
 - (2) Press the activation switch of the SST and deploy the airbag.

HINT:

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

- (d) Dispose of the horn button assy (with airbag).

CAUTION:

- The horn button assy is extremely hot when the airbag is deployed, so leave it alone for at least 30 minutes after deployment.
- When moving a vehicle which has a horn button assy with deployed airbag for scrapping, use gloves and safety glasses.
- Use gloves and safety glasses when handling the horn button assy with the deployed airbag.
- Always wash your hands with water after completing the operation.
- Do not apply water, etc. to the horn button assy with the deployed airbag.

HINT:

When scrapping a vehicle, deploy the airbag and scrap the vehicle with the horn button assy still installed.

2. DISPOSE OF HORN BUTTON ASSY (WHEN DISPOSING OF AIRBAG ASSEMBLY DEPLOYMENT METHOD)

NOTICE:

- When disposing of the horn button assy (with airbag) only, never use the customer's vehicle to deploy the airbag.
- Be sure to follow the procedure given below when deploying the airbag.

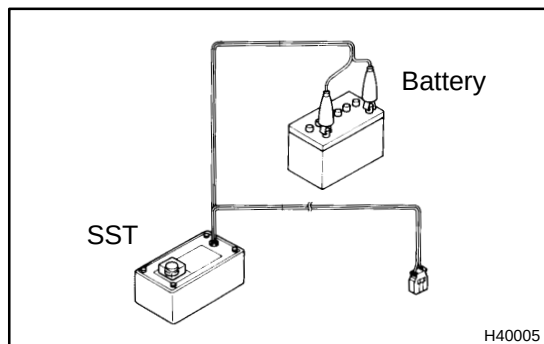
HINT:

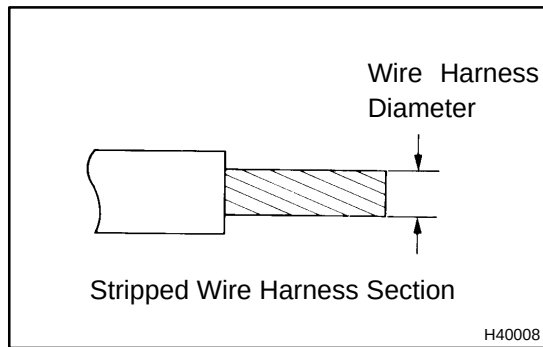
Have a battery ready as the power source to deploy the airbag.

- (a) Check the function of the SST (see step 1-(a)).
- (b) Remove the horn button assy (see page 60-19).

CAUTION:

- When removing the horn button assy, work must be started 90 seconds after the ignition switch is turned to the "LOCK" position and the negative (-) terminal cable is disconnected from the battery.
- When storing the horn button assy, keep the upper surface of the pad facing upward.





- (c) Using a service-purpose wire harness for the vehicle, tie down the horn button assy to the disc wheel.
Wire harness: Stripped wire harness section 1.25 mm² or more (0.0019 in.² or more).

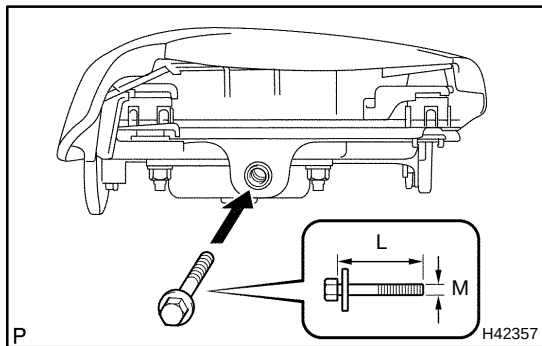
CAUTION:

If a wire harness which is too thin or some other thing is used to tie down the horn button assy, it may be snapped by the shock when the airbag is deployed. This is highly dangerous. Always use a wire harness for vehicle use which is at least 1.25 mm² (0.0019 in.²).

HINT:

To calculate the square of the stripped wire harness section:

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



- (1) Install the 2 bolts with washers in the 2 bolt holes in the horn button assy.

Bolt:

L: 35.0 mm (1.378 in.)

M: 6.0 mm (0.236 in.)

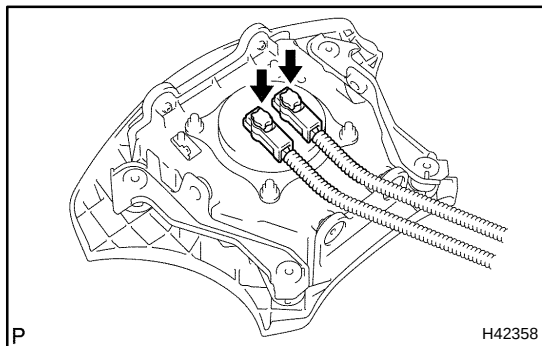
Pitch: 1.0 mm (0.039 in.)

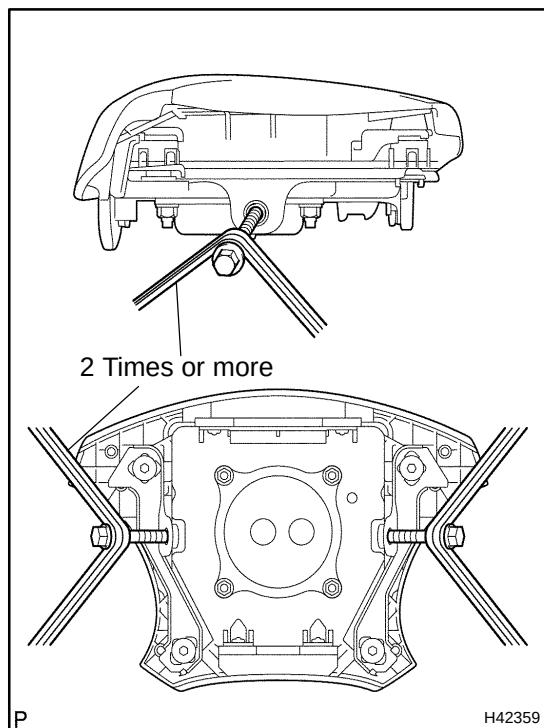
NOTICE:

- Tighten the bolts by hand until the bolts become difficult to turn.
- Do not tighten the bolts excessively.

- (2) After connecting the SST below each other, connect them to the horn button assy.

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

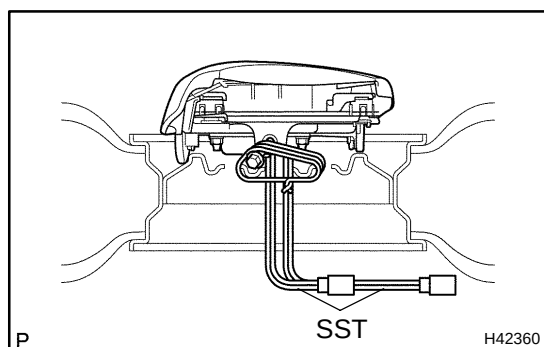




- (3) Using 3 wire harness, wind the wire harness at least 2 times each around the bolts installed on the left and right sides of the horn button assy.

CAUTION:

- **Tightly wind the wire harness around the bolts so that there is no slack.**
- **If there is slack in the wire harness, the horn button assy may become loose due to the shock when the airbag is deployed. This is highly dangerous.**



- (4) Face the upper surface of the horn button assy upward. Separately tie the left and right sides of the horn button assy to the disc wheel through the hub nut holes. Position the SST connector so that it hangs downward through a hub hole in the disc wheel.

CAUTION:

- **Make sure that the wire harness is tight. It is highly dangerous when looseness in the wire harness results in the horn button assy coming free due to the shock from the airbag deployment.**
- **Always tie down the horn button assy with the pad side facing upward. It is highly dangerous if the horn button assy is tied down with the metal surface facing upward as the wire harness will be cut by the shock caused by the airbag deployment and the horn button assy will be thrown into the air.**

NOTICE:

The disc wheel will be marked by airbag deployment, so use a redundant disc wheel.

- (d) Install the SST.

CAUTION:

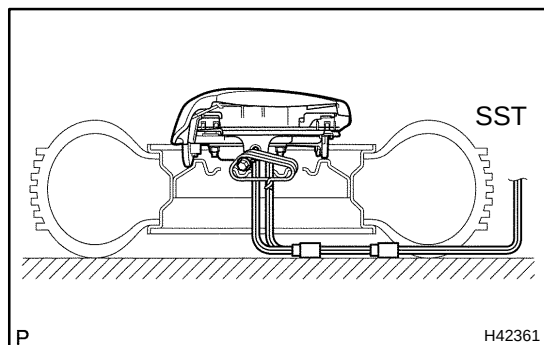
Place the disc wheel on the level ground.

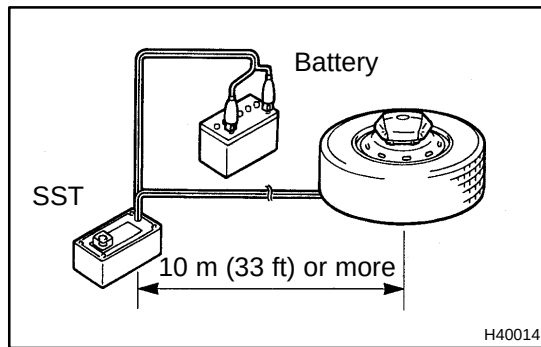
- (1) Connect the connector of the SST.

SST 09082-00700

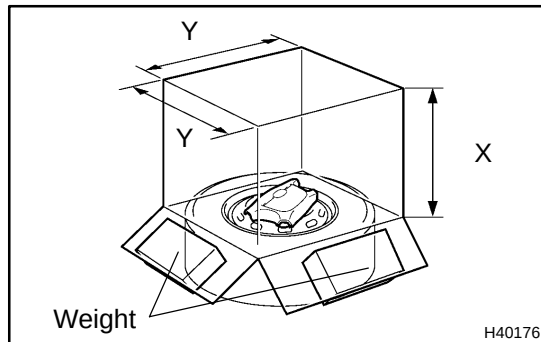
NOTICE:

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 disc wheel.





- (2) Move the SST to at least 10 m (33 ft) away from the horn button assy tied down on the disc wheel.



- (e) Cover the horn button assy with a cardboard box or tires.
- Covering method using a cardboard box:
Cover the horn button assy with the cardboard box and weight the cardboard box down in 4 places with at least 190 N (20 kg, 44 lb).

Size of cardboard box:

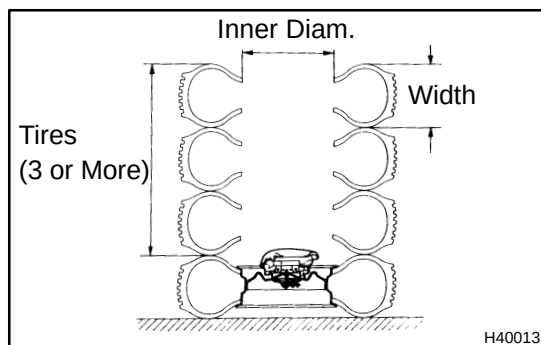
Must exceed the following dimensions:

X = 460 mm (18.11 in.)

Y = 650 mm (25.59 in.)

NOTICE:

- When the dimension Y of the cardboard box exceeds the diameter of the disc wheel with tire to which the horn button assy is tied, X should be the following size.
X = 460 mm (18.11 in.) + width of tire
- If a cardboard box smaller than the specified size is used, the cardboard box will be broken by the shock from the airbag deployment.



- Covering method using tires:
Place at least 3 tires with no disc wheels on top of the tire with disc wheel to which the horn button assy is tied.

Tire size: Must exceed the following dimensions

Width: 185 mm (7.28 in.)

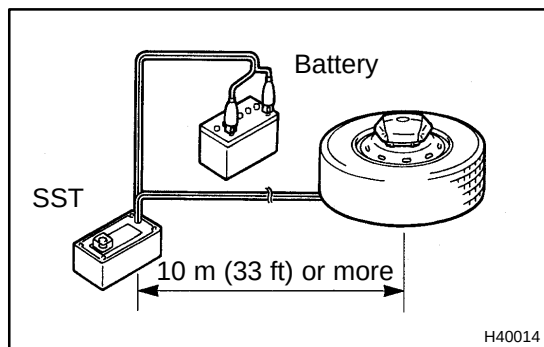
Inner diameter: 360 mm (14.17 in.)

CAUTION:

Do not use tires with disc wheels.

NOTICE:

- The tires may be marked by the airbag deployment, so use the redundant tires.
- Do not place the SST connector under the tire because the SST connector could be damaged.



- (f) 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 10 m (33 ft) area around the disc wheel to which the horn button assy is tied.
 - (3) Press the activation switch of the SST and deploy the airbag.

HINT:

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



- (g) Dispose of the horn button assy (with airbag).

CAUTION:

- The horn button assy is extremely hot when the airbag is deployed, so leave it alone for at least 30 minutes after deployment.
 - Use gloves and safety glasses when handling the horn button assy with the deployed airbag.
 - Do not apply water, etc. to the horn button assy with the deployed airbag.
 - Always wash your hands with water after completing the operation.
- (1) Remove the horn button assy from the disc wheel.
 - (2) Place the horn button assy in a plastic bag, tie the end tightly and dispose of it as the other general parts disposal.

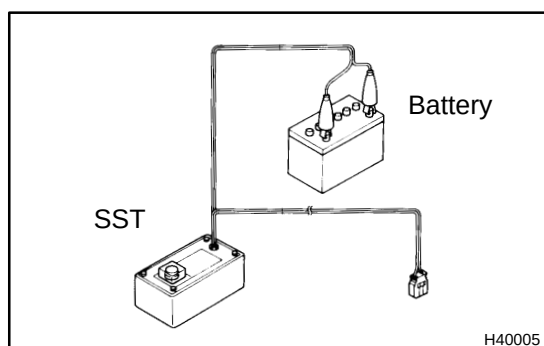
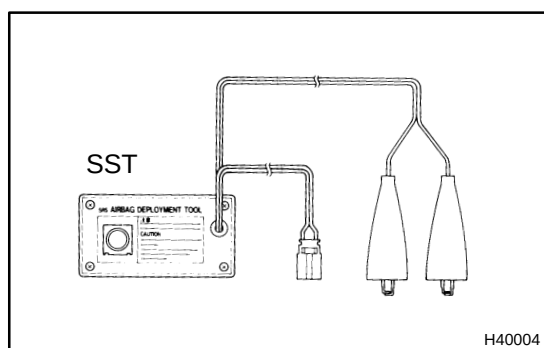
DISPOSAL

HINT:

When scrapping a vehicle equipped with an SRS or disposing of an instr pnl pass l/door airbag assy, be sure to first 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 the instr pnl pass l/door airbag assy that has an undeployed airbag.
- The airbag produces an extremely exploding sound when it is deployed, so perform the operation out-of-doors 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 instr pnl pass l/door airbag assy.
- The instr pnl pass l/door airbag assy is extremely hot when the airbag is deployed, so leave it alone for at least 30 minutes after deployment.
- Use gloves and safety glasses when handling the instr pnl pass l/door airbag assy with the deployed airbag.
- Do not apply water, etc. to the instr pnl pass l/door airbag assy with the deployed airbag.
- Always wash your hands with water after completing the operation.

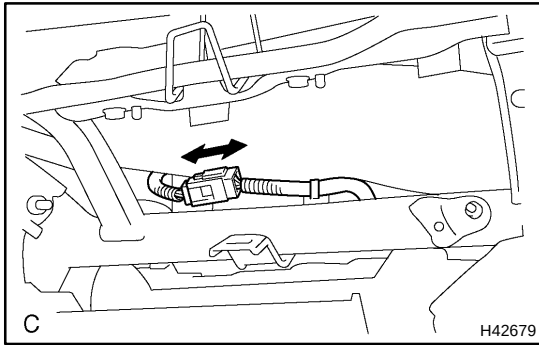


1. DISPOSE OF INSTR PNL PASS L/DOOR AIR BAG ASSY (WHEN SCRAPPING VEHICLE DEPLOYMENT METHOD)

HINT:

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

- (a) Check functioning of the SST (see step 1-(a) on page [60-21](#)).

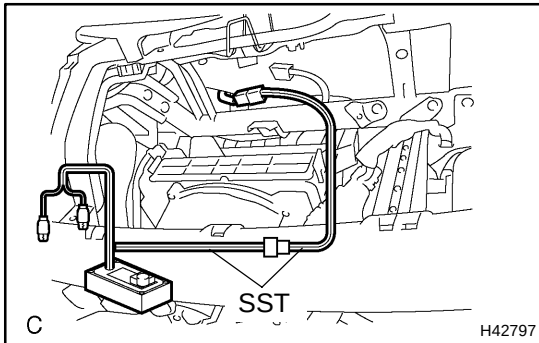


- (b) Disconnect the airbag connectors.
- (1) Remove the instrument panel under cover sub-assy No.2.
 - (2) Remove the glove compartment door assy.

NOTICE:

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

- (3) Disconnect the airbag connector.

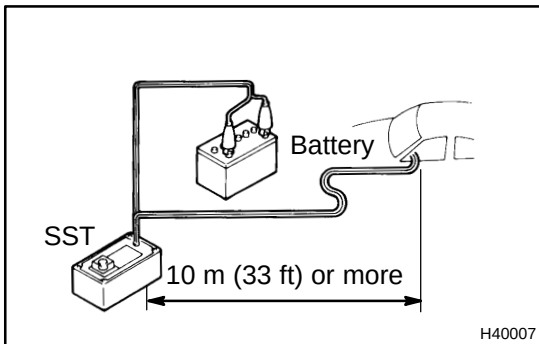


- (c) Install the SST.
- (1) Connect the connector of the SST to the instr pnl pass l/door airbag assy connector.

SST 09082-00700, 09082-00780

NOTICE:

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



- (2) Move the SST to at least 10 m (33 ft) away from the front of the vehicle.
- (3) Close all the doors and windows of the vehicle.

NOTICE:

Take care not to damage the SST wire harness.

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

- (d) Deploy the airbag.
- (1) Check that no one is inside the vehicle, nor within 10 m (33 ft) area around the vehicle.
 - (2) Press the activation switch of the SST and deploy the airbag.

HINT:

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

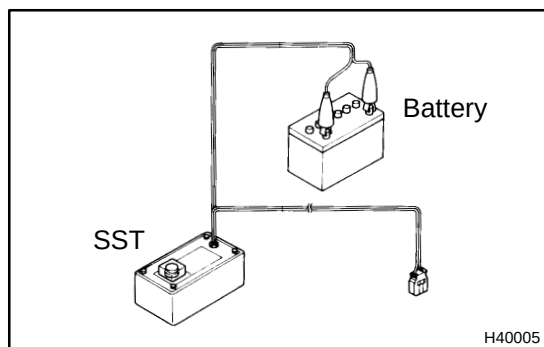
- (e) Dispose of the instr pnl pass l/door airbag assy.

CAUTION:

- The instr pnl pass l/door airbag assy is extremely hot when the airbag is deployed, so leave it alone for at least 30 minutes after deployment.
- Use gloves and safety glasses when handling the instr pnl pass l/door airbag assy with the deployed airbag.
- When moving the vehicle for scrapping which has the instr pnl pass l/door airbag assy with the deployed airbag, use gloves and safety glasses.
- Do not apply water, etc. to the instr pnl pass l/door airbag assy with the deployed airbag.
- Always wash your hands with water after completing the operation.

HINT:

When scrapping a vehicle, deploy the airbag and scrap the vehicle with the instr pnl pass l/door airbag assy still installed.



2. DISPOSE OF INSTR PNL PASS L/DOOR AIR BAG ASSY (WHEN DISPOSING OF AIRBAG ASSEMBLY DEPLOYMENT METHOD)

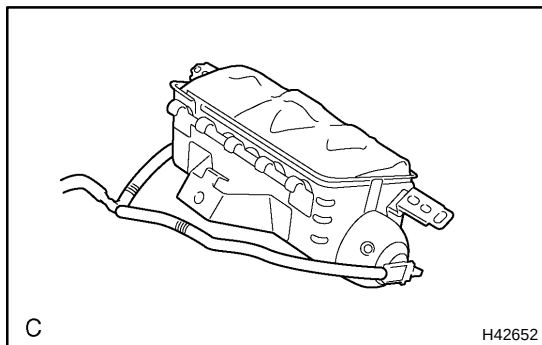
NOTICE:

- When disposing of the instr pnl pass l/door airbag assy only, never use the customer's vehicle to deploy the airbag.
- Be sure to follow the procedure given below when deploying the airbag.

HINT:

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

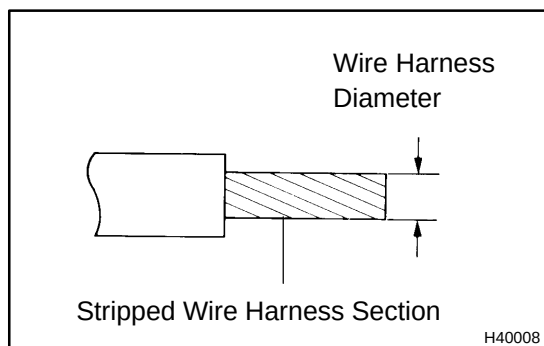
- (a) Check the function of the SST (see step 1-(a) on page [60-21](#)).



- (b) Remove the instr pnl pass l/door airbag assy (see page 60-31).

CAUTION:

- When removing the instr pnl pass l/door airbag assy, work must be started 90 seconds after the ignition switch is turned to the "LOCK" position and the negative (-) terminal cable is disconnected from the battery.
- When storing the instr pnl pass l/door airbag assy, keep the upper surface of the airbag deployment side facing upward.



- (c) Using a service-purpose wire harness for the vehicle, tie down the instr pnl pass l/door airbag assy to the tire.

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

CAUTION:

If a wire harness which is too thin or alternative object is used to tie down the instr pnl pass l/door airbag assy, it may be snapped by the shock when the airbag is deployed. This is highly dangerous. Always use a wire harness for vehicle use which is at least 1.25 mm² (0.0019 in.²).

HINT:

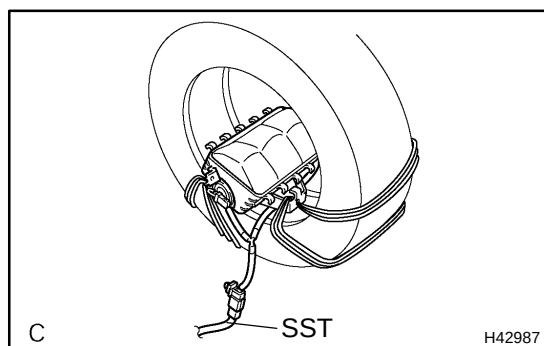
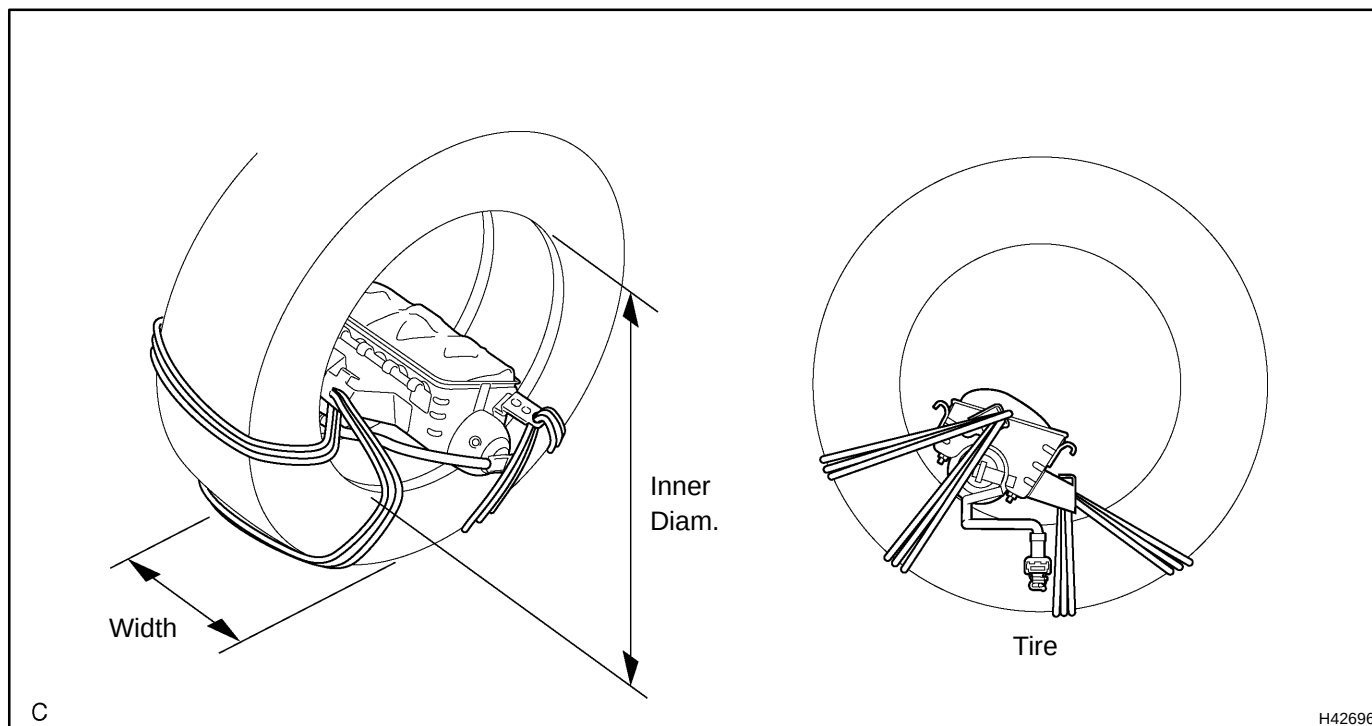
- To calculate the square of the stripped wire harness section:
Square = 3.14 x (Diameter)² divided by 4
- Position the instr pnl pass l/door airbag assy inside the tire with the airbag deployment side facing inside.
Tire size: Must exceed the following dimensions
Width: 185 mm (7.28 in.)
Inner diameter: 360 mm (14.17 in.)

CAUTION:

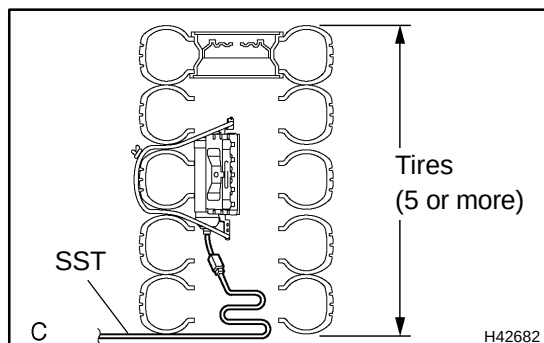
- Make sure that the wire harness is tight. It is highly dangerous when looseness in the wire harness results in the instr pnl pass l/door airbag assy coming free due to the shock from the airbag deployment.
- Always tie down the instr pnl pass l/door airbag assy with the airbag deployment side facing inside the tire.

NOTICE:

The tire will be marked by the airbag deployment, so use a redundant tire.



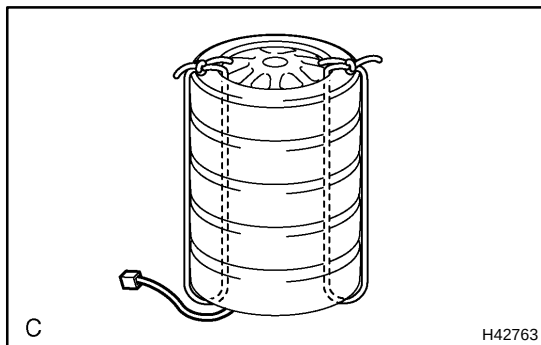
- (d) Install the SST.
Connect the connector of the SST to the curtain shielded airbag assy connector.
SST 09082-00780



- (e) Place the tires.
- (1) Place at least 2 tires under the tire to which the instr pnl pass l/door airbag assy is tied.
 - (2) Place at least 2 tires over the tire to which the instr pnl pass l/door airbag assy is tied. The top tire should have the disc wheel installed.

NOTICE:

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



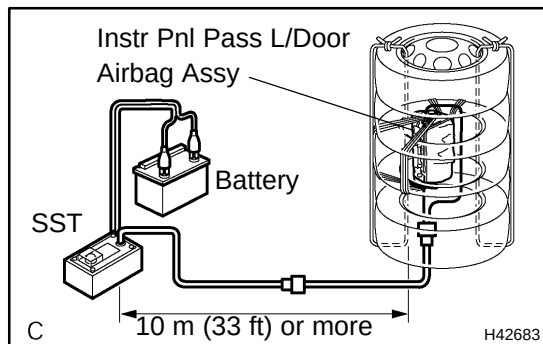
- (3) Tie the tires together with 2 wire harness.

CAUTION:

Make sure that the wire harness is tight. It is very dangerous if looseness in the wire harness result in the tires coming free due to the shock from the airbag deploying.

HINT:

Place the SST connector and wire harness inside tires. Secure at least 1 m (3 ft) of slack for the wire harness.



- (f) Install the SST.
Connect the connector of the SST.
SST 09082-00700

NOTICE:

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

- (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 10 m (33 ft) area around the tire which the instr pnl pass l/door airbag assy is tied to.
 - (3) Press the activation switch of the SST and deploy the airbag.

HINT:

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



- (h) Dispose of the instr pnl pass l/door airbag assy.

CAUTION:

- **The instr pnl pass l/door airbag assy is very hot when the airbag is deployed, so leave it alone for at least 30 minutes after deployment.**
 - **Use gloves and safety glasses when handling the instr pnl pass l/door airbag assy with the deployed airbag.**
 - **Do not apply water, etc. to the instr pnl pass l/door airbag assy with the deployed airbag.**
 - **Always wash your hands with water after completing the operation.**
- (1) Remove the instr pnl pass l/door airbag assy from the tire.
 - (2) Place the instr pnl pass l/door airbag assy in a plastic bag, tie the end tightly and dispose of it in the same way as other general parts disposal.

DISPOSAL

HINT:

- Disposal procedure of the RH side is the same as that of the LH side.
- When scrapping a vehicle equipped with an SRS or disposing of the curtain shield airbag assy LH, always first 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:

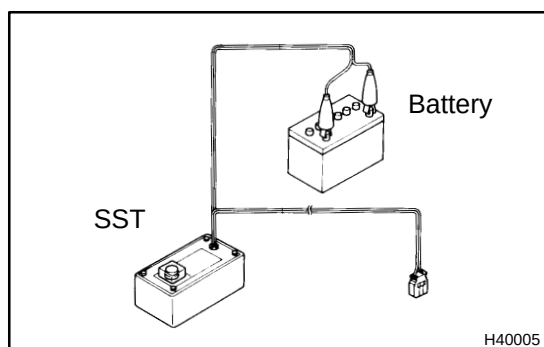
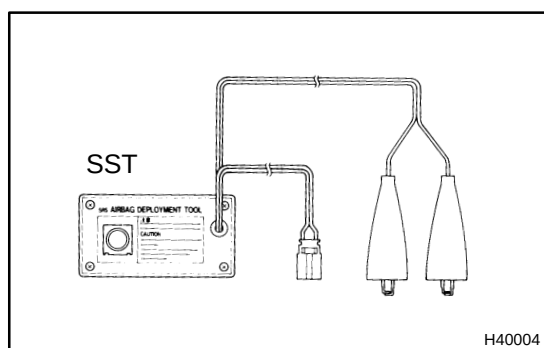
- Never dispose of the curtain shield airbag assy LH that has an undeployed airbag.
- The airbag produces an extremely loud exploding sound when it is deployed, so perform the operation out-of-doors and where it will not create a nuisance to nearby residents.
- When deploying the airbag, always use the 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 assy LH.
- The curtain shield airbag assy LH is extremely hot when the airbag is deployed, so leave it alone for at least 30 minutes after deployment.
- Use gloves and safety glasses when handling the curtain shield airbag assy LH with a deployed airbag.
- Do not apply water, etc. to the curtain shield airbag assy with the deployed airbag.
- Always wash your hands with water after completing the operation.

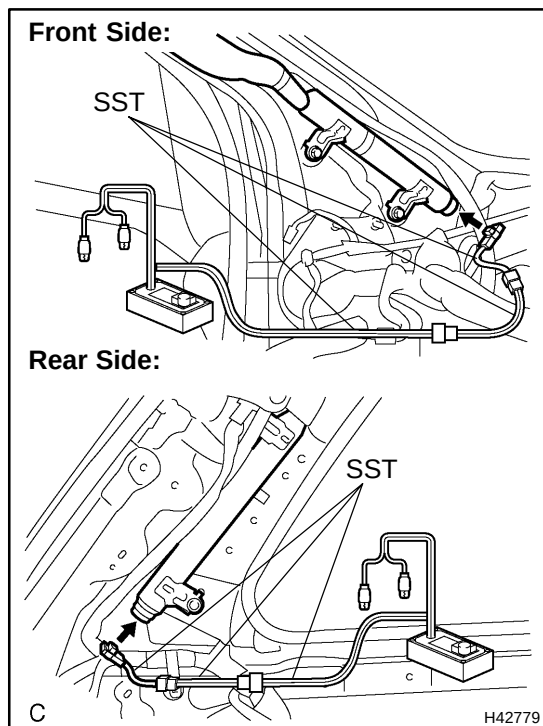
1. DISPOSE OF CURTAIN SHIELD AIR BAG ASSY LH (WHEN SCRAPPING VEHICLE DEPLOYMENT METHOD)

HINT:

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

- (a) Check the function of the SST (see step 1-(a) on page 60-21).
- (b) Disconnect the airbag connector.
 - (1) Remove the roof headlining assy (see page 76-27).
 - (2) Remove the instrument panel assy w/ passenger airbag assy (see page 71-10).
 - (3) Using a screwdriver, disconnect the curtain shield airbag connector (see page 60-40).

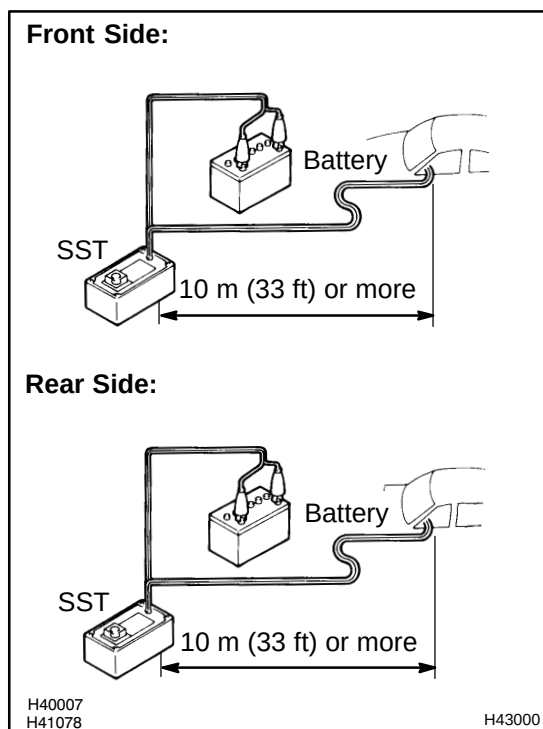




- (c) Install the SST.
- (1) Connect the connectors of the SST to the curtain shield airbag assy LH connector.
- SST 09082- 00700, 09082- 00802 (09082- 10801, 09082-20801)

NOTICE:

Take care not to damage the SST wire harness.



- (2) Front side:
Move the SST to at least 10 m (33 ft) away from the front of the vehicle.
- (3) Rear side:
Move the SST to at least 10 m (33 ft) away from the rear of the vehicle.
- (4) Close all the 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 negative (-) terminal.
- (d) Deploy the airbag.
- (1) Check that no one is inside the vehicle or within 10 m (33 ft) area around the vehicle.
 - (2) Press the activation switch of the SST and deploy the airbag.

HINT:

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

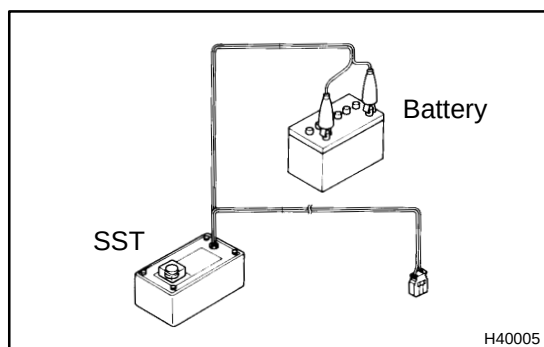
(e) Dispose of the curtain shield airbag assy LH.

CAUTION:

- The curtain shield airbag assy LH is extremely hot when the airbag is deployed, so leave it alone for at least 30 minutes after deployment.
- Use gloves and safety glasses when handling the curtain shield airbag assy LH with a deployed airbag.
- When moving the vehicle for scrapping which has the curtain shield airbag assy LH with the deployed airbag, use gloves and safety glasses.
- Do not apply water, etc. to the curtain shield airbag assy LH with a deployed airbag.
- Always wash your hands with water after completing the operation.

HINT:

When scrapping a vehicle, deploy the airbag and scrap the vehicle with the curtain shield airbag assy LH being installed.



2. DISPOSE OF CURTAIN SHIELD AIR BAG ASSY LH (WHEN DISPOSING OF AIRBAG ASSEMBLY DEPLOYMENT METHOD)

NOTICE:

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

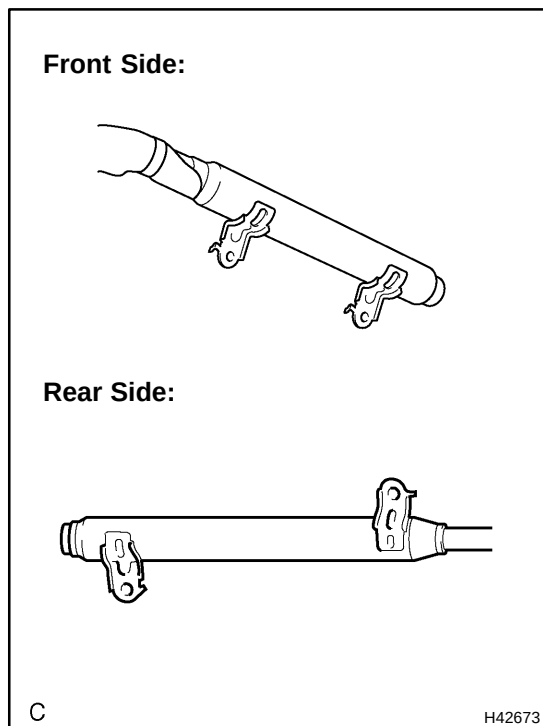
HINT:

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

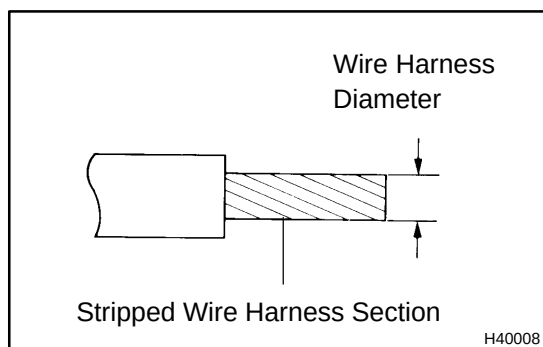
- Check the functioning of the SST (see step 1-(a) on page 60-21).
- Remove the curtain shield airbag assy (see page 60-40).

CAUTION:

When removing the curtain shield airbag assy, work must be started 90 seconds after the ignition switch is turned to the "LOCK" position and the negative (-) terminal cable is disconnected from the battery.



- (c) Cut off the deployment section in the airbag from the inflator.



- (d) Using a service-purpose wire harness for the vehicle, tie down the curtain shield airbag assy 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 which is too thin or alternative object is used to tie down the curtain shield airbag assy, it may be snapped by the shock when the airbag is deployed. Always use a wire harness for vehicle use which is at least 1.25 mm² (0.0019 in.²).

HINT:

- To calculate the square of the stripped wire harness section:

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

- Position the curtain shield airbag assy LH inside the tire as shown in the illustration.

Tire size: Must exceed the following dimensions

Width: 185 mm (7.28 in.)

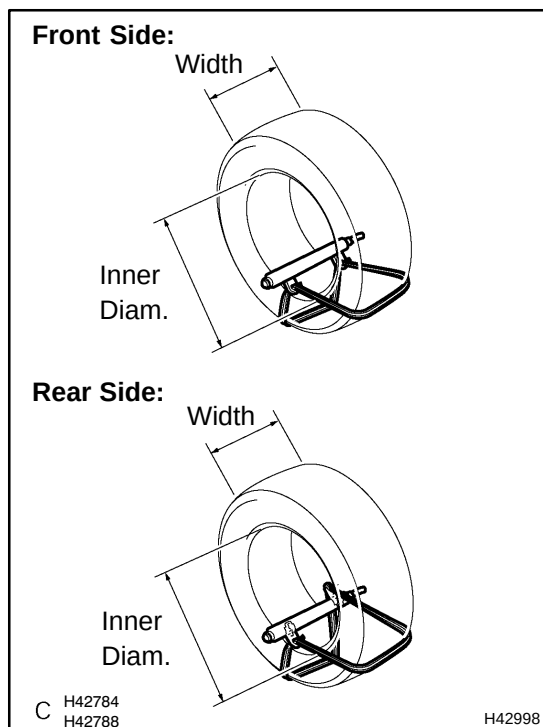
Inner diameter: 360 mm (14.17 in.)

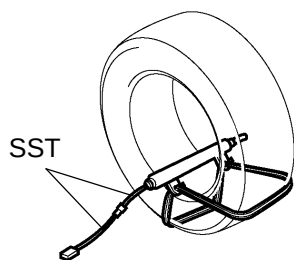
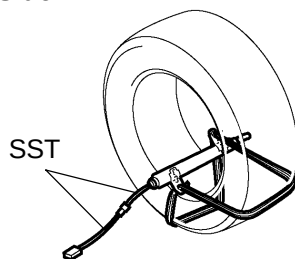
CAUTION:

Make sure that the wire harness is tight. It is highly dangerous when looseness in the wire harness results in the curtain shield airbag assy LH coming free due to the shock from the airbag deploying.

NOTICE:

The tire will be marked by the airbag deployment, so use a redundant tire.



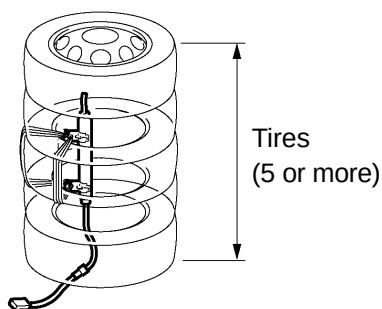
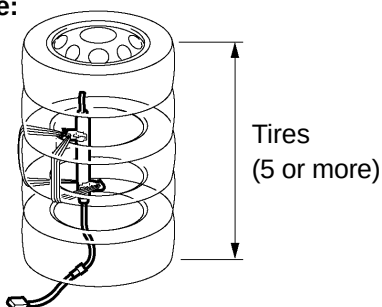
Front Side:**Rear Side:**C H42793
H42794

H42994

- (e) Install the SST.

Connect the connectors of the SST to the curtain shield airbag assy connector.

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

Front Side:**Rear Side:**C H42785
H42789

H42995

- (f) Place the tires.

CAUTION:

Place the tire so that the deployment direction of the curtain shield airbag assy LH will be downward.

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

NOTICE:

Do not place the SST connector on the tire because the SST connector could damage.

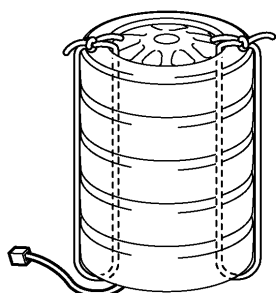
- (3) Tie the tires together with 2 wire harness.

CAUTION:

Make sure that the wire harness is tight. It is highly dangerous when looseness in the wire harness results in the tires coming free due to the shock from the airbag deployment.

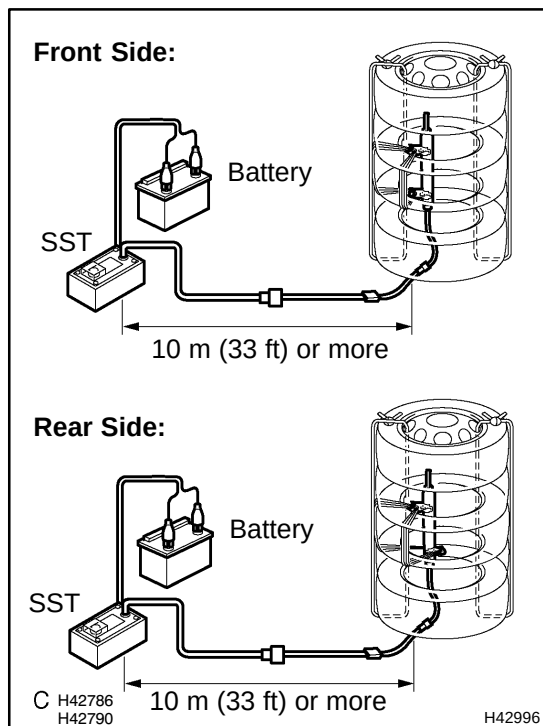
HINT:

Place the SST connector and the wire harness inside tires. Secure at least 1 m (3 ft) of slack for the wire harness.



C

H42763



- (g) Install the SST.
Connect one SST connector to the SST connector connected to the curtain shield airbag.
SST 09082-00700

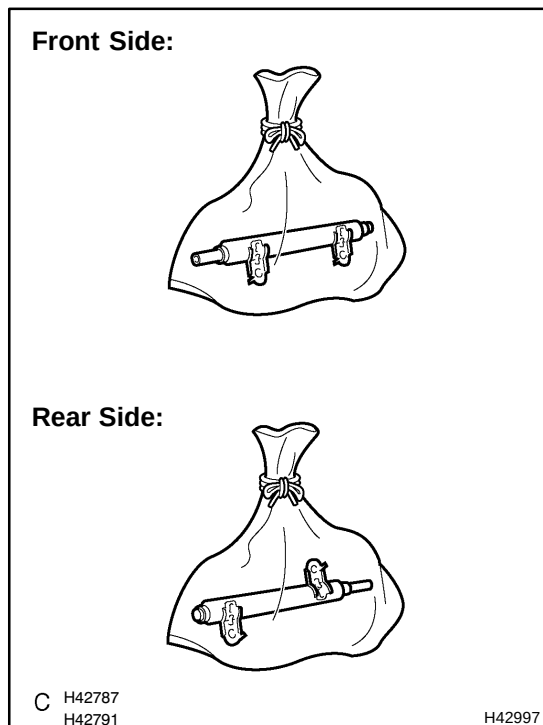
NOTICE:

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.

- (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 10 m (33 ft) area around the tire which the curtain shield airbag assy is tied to.
 - (3) Press the activation switch of the SST and deploy the airbag.

HINT:

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



- (i) Dispose of the curtain shield airbag assy.

CAUTION:

- The curtain shield airbag assy is extremely hot when the airbag is deployed, so leave it alone for at least 30 minutes after deployment.
 - Use gloves and safety glasses when handling the curtain shield airbag assy with the deployed airbag.
 - Always wash your hands with water after completing the operation.
 - Do not apply water, etc. to the curtain shield airbag assy with the deployed airbag.
- (1) Remove the curtain shield airbag assy from the tire.
 - (2) Place the curtain shield airbag assy in a plastic bag, tie the end tightly and dispose of it in the same way as other general parts disposal.

FRONT SEAT AIRBAG ASSY LH

600JN-02

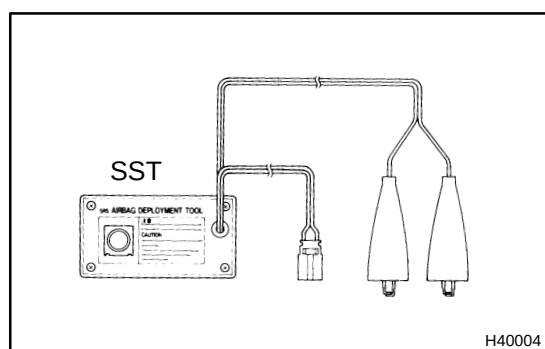
DISPOSAL

HINT:

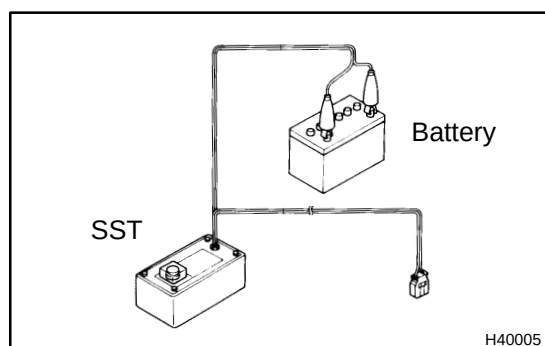
- Disposal procedure of the RH side is the same as that of with LH side.
- When scrapping a vehicle equipped with the SRS or disposing of the front seat airbag assy LH be sure to deploy the airbag first in accordance with the procedure described below. If any abnormality occurs with the airbag deployment,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

CAUTION:

- **Never dispose of the front seat airbag assy LH that has an deployed airbag.**
- **The airbag produces an extremely exploding sound when it is deployed, so perform the operation out of doors 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 airbag assy.**
- **The front seat airbag assy is extremely hot when the airbag is deployed, so leave it alone for at least 30 minutes after deployment.**
- **Use gloves and safety glasses when handling the front seat airbag assy with a deployed airbag.**
- **Always wash your hands with water after completing the operation.**
- **Do not apply water, etc. to the front seat airbag assy with a deployed airbag.**

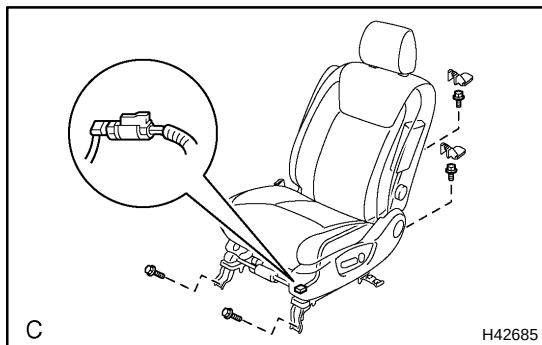


1. DISPOSE OF FRONT SEAT AIRBAG ASSY LH (WHEN SCRAPPING VEHICLE DEPLOYMENT METHOD)

HINT:

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

- (a) Check the function of the SST (see step 1- (a) on page [60-21](#)).

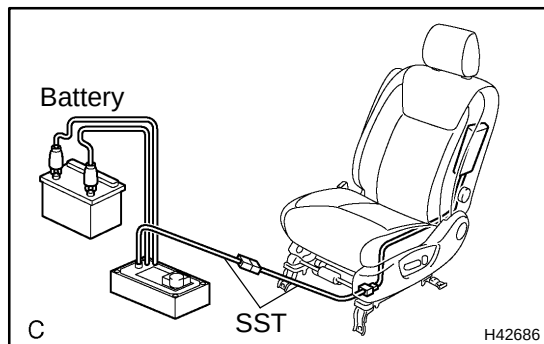


(b) Remove the front seat assy LH (see page 72-12 (power seat) or 72-22 (manual seat)).

(c) Disconnect the front seat airbag LH connector.

NOTICE:

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



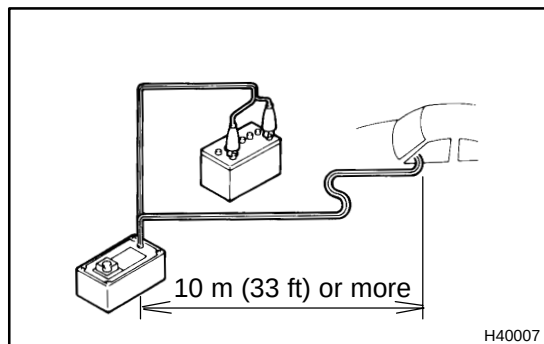
(d) Install the SST.

(1) Connect the connector of the SST to the front seat airbag LH connector.

SST 09082-00700, 09082-00750

NOTICE:

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



(2) Move the SST at least 10 m (33 ft) away from the front of the vehicle.

(3) Close all the doors and windows of the vehicle.

NOTICE:

Take care not to damage the SST wire harness.

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

(e) Deploy the airbag.

(1) Check that no one is inside the vehicle or within 10 m (33 ft) area around the vehicle.

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

HINT:

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

(f) Dispose of the front seat airbag assy LH.

CAUTION:

- The front seat airbag assy LH is extremely hot when the airbag is deployed, so leave it alone for at least 30 minutes after deployment.
- Use gloves and safety glasses when handling the front seat airbag assy LH with the deployed airbag.
- When moving a vehicle for scrapping which has the front seat airbag assy LH with the deployed airbag, use gloves and safety glasses.
- Do not apply water, etc. to the front seat airbag assy LH with a deployed airbag.
- Always wash your hands with water after completing the operation.

HINT:

When scrapping a vehicle, deploy the airbag and scrap the vehicle with the front seat airbag assy LH being installed.

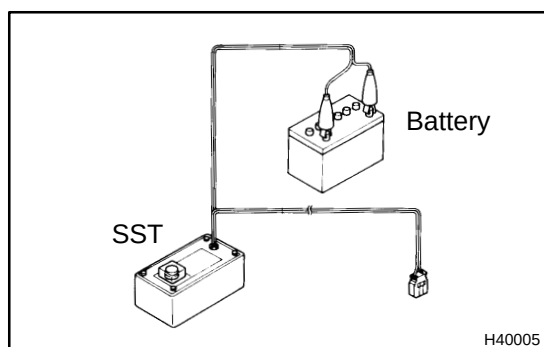
2. DISPOSE OF FRONT SEAT AIRBAG ASSY LH (WHEN DISPOSING OF AIRBAG ASSEMBLY DEPLOYMENT METHOD)

NOTICE:

- When disposing of the front seat airbag assy LH only, never use the customer's vehicle to deploy the airbag.
- Be sure to follow the procedure given below when deploying the airbag.

HINT:

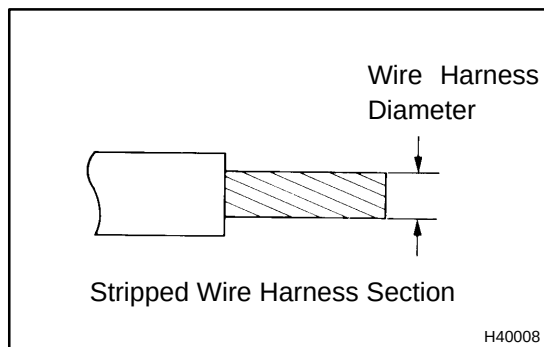
Prepare a battery as the power source to deploy the airbag.



- (a) Check the function of the SST (see step 1- (a) on page [60-21](#)).
- (b) Remove the front seat airbag assy LH.
 - (1) Remove the front seat assy LH (see page [72-12](#) (power seat) or [72-22](#) (manual seat)).
 - (2) Remove the 2 nuts and the front seat airbag assy LH from the seatback assembly.

CAUTION:

- When removing the front seat airbag assy LH, work must be started 90 seconds after the ignition switch is turned to the "LOCK" position and the negative (-) terminal cable is disconnected from the battery.
- When storing the front seat airbag assy LH, keep the upper surface of the airbag deployment side facing upward.



- (c) Using a service-purpose wire harness, tie down the front seat airbag assy.

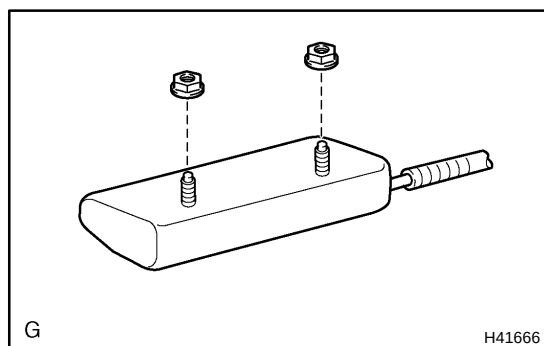
Wire harness: Stripped wire harness section
1.25 mm² or more (0.0019 in² or more)

HINT:

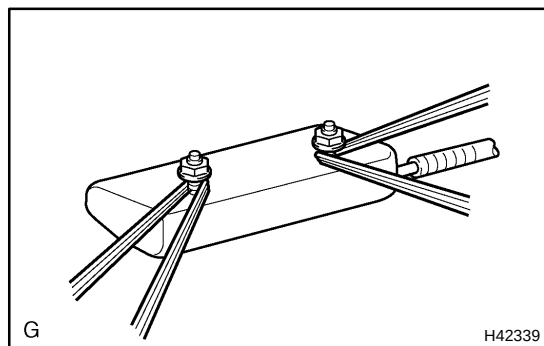
To calculate the square of the stripped wire harness section:
 Square = $3.14 \times (\text{Diameter})^2$ divided by 4

CAUTION:

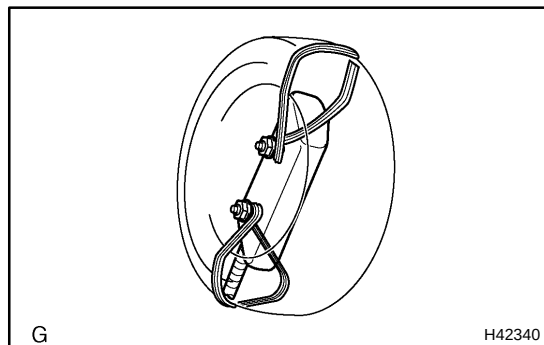
If the wire harness which is too thin or alternative object is used to tie down the front seat airbag assy LH, it may be snapped by the shock when the airbag is deployed. This is highly dangerous. Always use a wire harness for vehicle use which is at least 1.25 mm² (0.0019 in²).



- (1) Install the 2 nuts in the front seat airbag assy LH.



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



- (3) Position the front seat airbag assy LH inside the tire with the airbag deployment direction facing inside.

Tire size : Must exceed the following dimensions

Width 185 mm (7.28 in.)

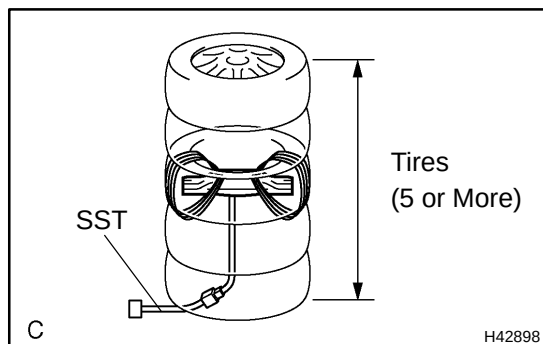
Inner diameter 360 mm (14.17 in.)

CAUTION:

- Make sure the wire harness is tight. It is highly dangerous when looseness in the wire harness results in the front seat airbag assy LH coming free due to the shock from the airbag deploying.
- Always tie down the front seat airbag assy LH with the airbag door facing inside.

NOTICE:

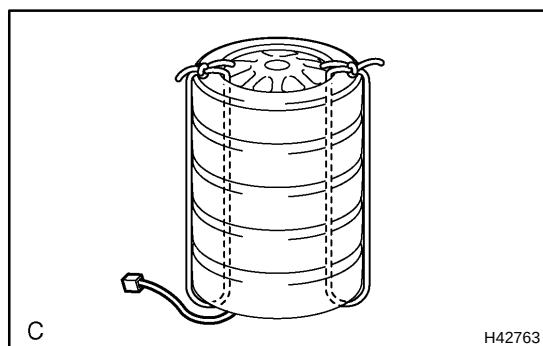
The tire will be marked by the airbag deployment, so use the redundant tire.



- (d) Install the SST.
Connect the connector of SST to the front seat airbag assy LH connect.
SST 09082-00750
- (e) Place the tires.
- (1) Place at least 2 tires under the tire to which the front seat airbag assy LH is tied.
 - (2) Place at least 2 tires over the tire to which the front seat airbag assy LH is tied. The top tire should have the wheel installed.

NOTICE:

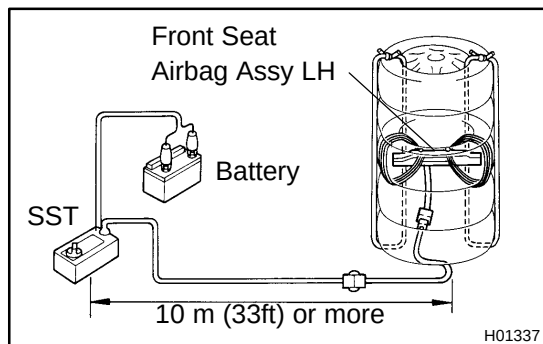
Do not place the SST connector under the tire because the SST connector could be damaged.



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

CAUTION:

Make sure that the wire harnesses is tight. It is highly dangerous when looseness in the wire harness results in the tires coming free due to the shock from the airbag deployment.



- (f) Install the SST.
Connect the connector of the SST.
SST 09082-00700

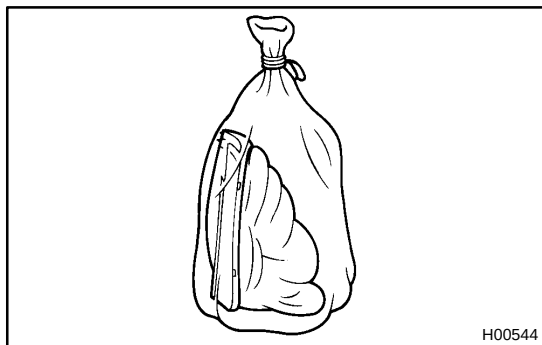
NOTICE:

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

- (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 10 m (33 ft) area around the tire the which the front seat airbag assy LH is tied to.
 - (3) Press the activation switch of the SST and deploy the airbag.

HINT:

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



(h) Dispose of the front seat airbag assy LH.

CAUTION:

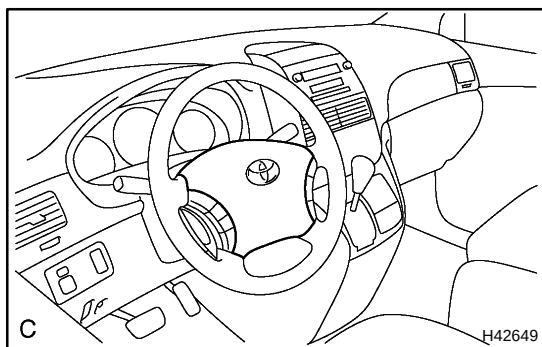
- The front seat airbag assy LH is extremely hot when the airbag is deployed, so leave it alone for at least 30 minutes after deployment.
- Use gloves and safety glasses when handling the front seat airbag assy LH with a deployed airbag.
- Always wash your hands with water after completing the operation.
- Do not apply water etc. to the front seat airbag assy with the deployed airbag.
 - (1) Remove the front seat airbag assy LH from the tire.
 - (2) Place the front seat airbag assy LH in a plastic bag, tie the end tightly and dispose of it in the same way as other general parts disposal.

ON-VEHICLE INSPECTION

CAUTION:

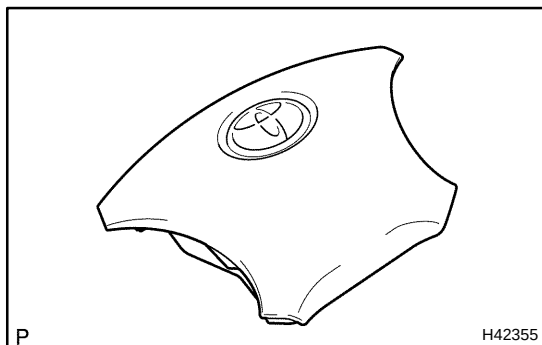
Be sure to perform the initialization of the occupant classification ECU if any of the following conditions occur (see page [05-767](#)). If the initialization is not performed, the SRS may not operate properly.

- The occupant classification ECU is replaced.
- Accessories (seatback tray, seat cover, etc.) are installed to the vehicle.
- The passenger seat is removed from the vehicle, and then reinstalled or replaced.
- The passenger airbag ON/OFF indicator light ("OFF") comes on when the passenger seat is not occupied.
- The vehicle is brought to the workshop for repair due to an accident or collision.



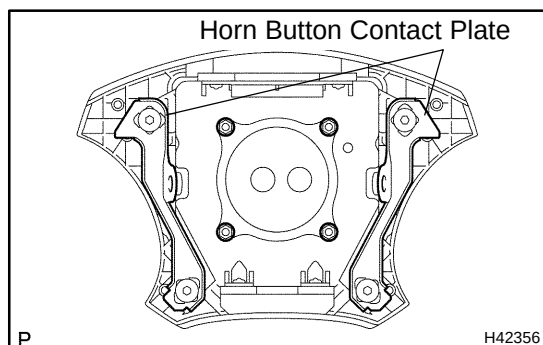
1. HORN BUTTON ASSY (VEHICLE NOT INVOLVED IN COLLISION)

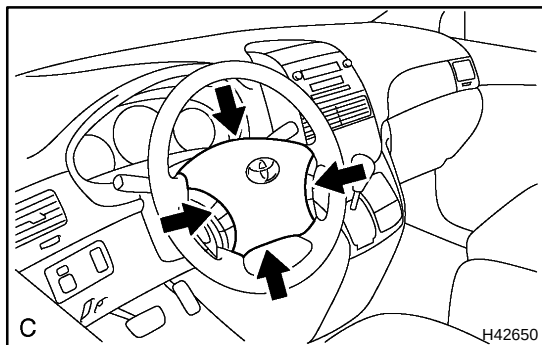
- (a) Perform a diagnostic system check (see page [05-777](#)).
- (b) With the horn button assy installed on the vehicle, perform a visual check. If there are any defects as mentioned below, replace the horn button assy with a new one:
Cuts, minute cracks or marked discoloration on the horn button assy top surface or in the grooved portion.



2. HORN BUTTON ASSY (VEHICLE INVOLVED IN COLLISION AND AIRBAG IS NOT DEPLOYED)

- (a) Perform a diagnostic system check (see page [05-777](#)).
 - (b) With the horn button assy removed from the vehicle, perform a visual check. If there are any defects as mentioned below, replace the horn button assy or steering wheel assy with a new one:
 - Cuts, minute cracks or marked discoloration on the horn button assy top surface or in the grooved portion.
 - Cracks or other damage to the connectors.
 - Deformation of the steering wheel assy.
- Deformation of the horn button contact plate of the horn button assy.

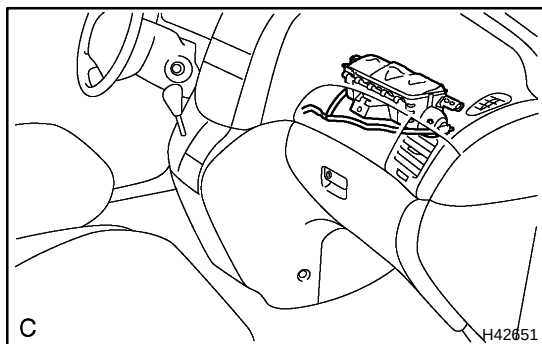




- There should be no interference between the horn button assy and steering wheel assy, and the clearance should be uniform all the way around when the new horn button assy is installed on the steering wheel assy.

CAUTION:

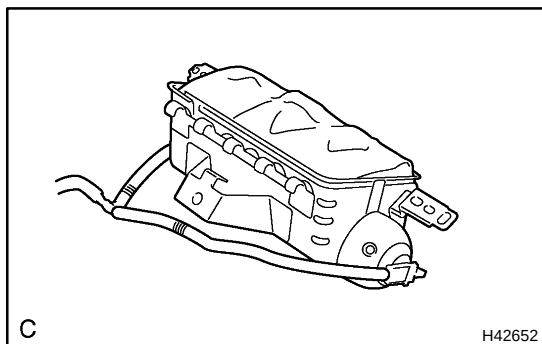
For removal and installation procedures of the horn button assy, see page 60-19 . Be sure to follow the correct procedure.



3. INSTR PNL PASS L/DOOR AIRBAG ASSY (VEHICLE NOT INVOLVED IN COLLISION)

- Perform a diagnostic system check (see page 05-777).
- With the instr pnl pass l/door airbag assy installed on the vehicle, perform a visual check. If there are any defects as mentioned below, replace the instrument panel with a new one:

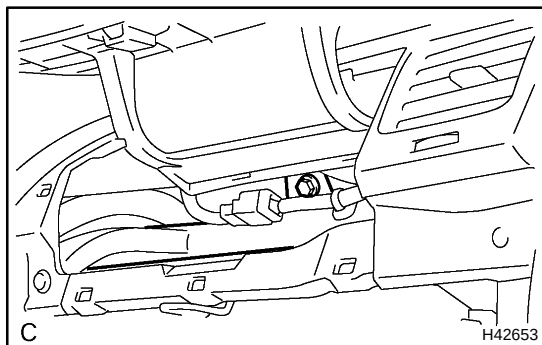
Cuts, minute cracks or marked discoloration on the instrument panel around the instr pnl pass l/door airbag assy.



4. INSTR PNL PASS L/DOOR AIRBAG ASSY (VEHICLE INVOLVED IN COLLISION AND AIRBAG IS NOT DEPLOYED)

- Perform a diagnostic system check (see page 05-777).
- With the instr pnl pass l/door airbag assy removed from the vehicle, perform a visual check. If there are any defects as mentioned below, replace the instr pnl pass l/door airbag assy, instrument panel or instrument panel reinforcement with a new one:

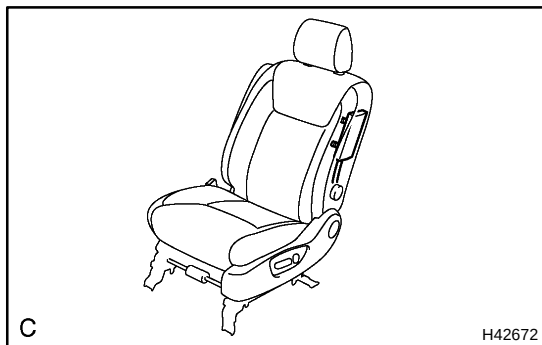
- Cuts, minute cracks or marked discoloration on the instr pnl pass l/door airbag assy.
- Cracks or other damage to the wire harness or connector.



- Deformation or cracks on the instrument panel or instrument panel reinforcement.

CAUTION:

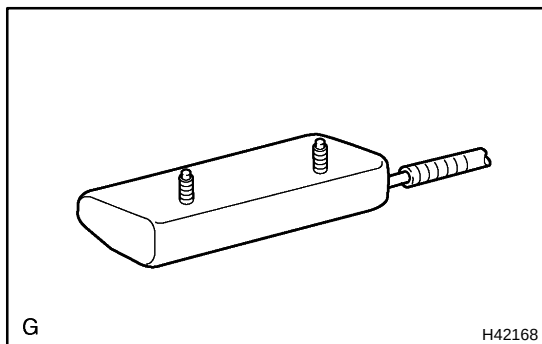
For removal and installation procedures of the instr pnl pass l/door airbag assy, see page 60-31 . Be sure to follow the correct procedure.



5. FRONT SEAT AIRBAG ASSY (VEHICLE NOT INVOLVED IN COLLISION)

- (a) Perform a diagnostic system check (see page 05-777).
- (b) With the front seat airbag assy installed on the vehicle, perform a visual check. If there are any defects as mentioned below, replace the front seatback assy with a new one:

Cuts, minute cracks or marked discoloration on the front seatback assy around the front seat airbag assy.



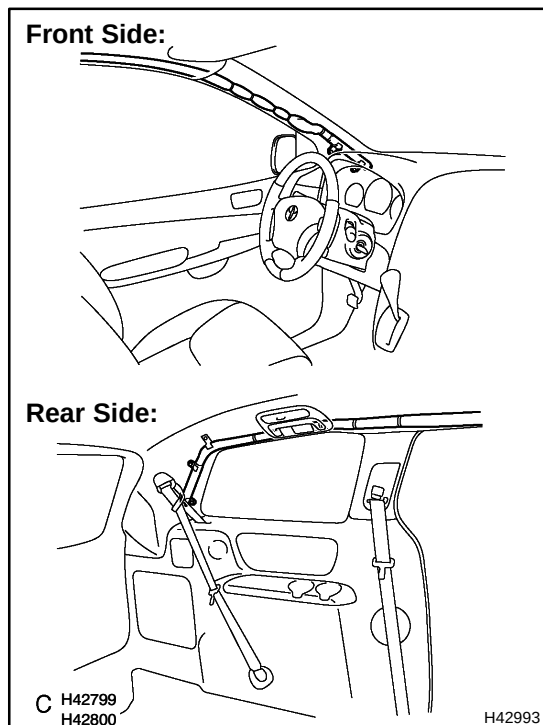
6. FRONT SEAT AIRBAG ASSY (VEHICLE INVOLVED IN COLLISION AND AIRBAG IS NOT DEPLOYED)

- (a) Perform a diagnostic system check (see page 05-777).
- (b) With the front seat airbag assy removed from the vehicle, perform a visual check. If there are any defects as mentioned below, replace the front seat airbag assy with a new one:

- Cuts, minute cracks or marked discoloration on the front seat airbag assy.
- Cracks or other damage to the wire harness or connector.

CAUTION:

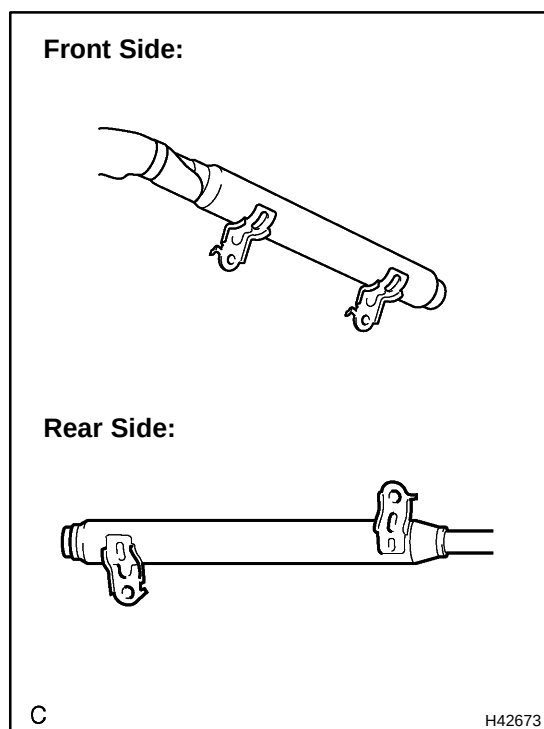
For removal and installation procedures of the front seat airbag assy, see page 72-12 (power seat) or 72-22 (manual seat). Be sure to follow the correct procedure.



7. CURTAIN SHIELD AIRBAG ASSY (VEHICLE NOT INVOLVED IN COLLISION)

- (a) Perform a diagnostic system check (see page 05-777).
- (b) With the curtain shield airbag assy installed on the vehicle, perform a visual check. If there are any defects as mentioned below, replace the front pillar garnish, RR window side garnish assy No.2 or roof headlining assy with a new one:

Cuts, minute cracks or marked discoloration on the front pillar garnish, RR window side garnish assy No.2 or roof headlining assy around the curtain shield airbag assy.



8. CURTAIN SHIELD AIRBAG ASSY (VEHICLE INVOLVED IN COLLISION AND AIRBAG IS NOT DEPLOYED)

- (a) Perform a diagnostic system check (see page [05-777](#)).
- (b) With the curtain shield airbag assy removed from the vehicle, perform a visual check. If there are any defects as mentioned below, replace the curtain shield airbag assy with a new one:
 - Cuts, minute cracks or marked discoloration on the curtain shield airbag assy.
 - Cracks or other damage to the connectors.

CAUTION:

For removal and installation procedures of the curtain shield airbag assy, see page [60-40](#) . Be sure to follow the correct procedure.

9. AIRBAG SENSOR ASSY CENTER (VEHICLE NOT INVOLVED IN COLLISION)

- (a) Perform a diagnostic system check (see page [05-777](#)).

10. AIRBAG SENSOR ASSY CENTER (VEHICLE INVOLVED IN COLLISION AND AIRBAG IS NOT DEPLOYED)

- (a) Perform a diagnostic system check (see page [05-777](#)).

11. AIRBAG SENSOR ASSY CENTER (VEHICLE INVOLVED IN COLLISION AND AIRBAG IS DEPLOYED)

- (a) Replace the airbag sensor assy center (see page [60-56](#)).

CAUTION:

For removal and installation procedures of the airbag sensor assy center, see page [60-56](#) . Be sure to follow the correct procedure.

HINT:

The airbag sensor assy center should be replaced after any of the airbags has deployed, as it has been subjected to the impact.

12. AIRBAG SENSOR FRONT (VEHICLE NOT INVOLVED IN COLLISION)

- (a) Perform a diagnostic system check (see page [05-777](#)).

13. AIRBAG SENSOR FRONT (VEHICLE INVOLVED IN COLLISION AND AIRBAG IS NOT DEPLOYED)

- (a) Perform a diagnostic system check (see page [05-777](#)).
- (b) When the front bumper of the vehicle or its periphery is damaged, check if there is any damage to the airbag sensor front. If any of the airbag sensor front have defects as mentioned below, replace it with a new one:
 - Cracks, dents or chips in the case.
 - Cracks or other damage to the connector.
 - Peeling off of the label or damage to the serial number.

CAUTION:

For removal and installation procedures of the airbag sensor front, see page [60-58](#) . Be sure to follow the correct procedure.

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

- (a) Replace the airbag sensor front (see page [60-58](#)).

CAUTION:

For removal and installation procedures of the airbag sensor front, see page [60-58](#) . Be sure to follow the correct procedure.

HINT:

The airbag sensor front on the impacted side should be replaced after the horn button assy or instr pnl pass l/door airbag assy has deployed.

15. SIDE AIRBAG SENSOR ASSY (VEHICLE NOT INVOLVED IN COLLISION)

- (a) Perform a diagnostic system check (see page [05-777](#)).

16. SIDE AIRBAG SENSOR ASSY (VEHICLE INVOLVED IN COLLISION AND AIRBAG IS NOT DEPLOYED)

- (a) Perform a diagnostic system check (see page [05-777](#)).
- (b) When the center pillar of the vehicle or its periphery is damaged, check if there is any damage to the side airbag sensor assy. If there are any defects as mentioned below, replace the side airbag sensor assy with a new one:
- Cracks, dents or chips in the case.
 - Cracks or other damage to the connector.
 - Peeling off of the label or damage to the serial number.

CAUTION:

For removal and installation procedures of the side airbag sensor assy, see page [60-60](#) . Be sure to follow the correct procedure.

17. SIDE AIRBAG SENSOR ASSY (VEHICLE INVOLVED IN COLLISION AND AIRBAG IS DEPLOYED)

- (a) Replace the side airbag sensor assy (see page [60-60](#)).

CAUTION:

For removal and installation procedures of the side airbag sensor assy, see page [60-60](#) . Be sure to follow the correct procedure.

HINT:

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

18. AIRBAG SENSOR REAR (VEHICLE NOT INVOLVED IN COLLISION)

- (a) Perform a diagnostic system check (see page [05-777](#)).

19. AIRBAG SENSOR REAR (VEHICLE INVOLVED IN COLLISION AND AIRBAG IS NOT DEPLOYED)

- (a) Perform a diagnostic system check (see page [05-777](#)).
- (b) When the quarter panel of the vehicle or its periphery is damaged, check if there is any damage to the airbag sensor rear. If there are any defects as mentioned below, replace the airbag sensor rear with a new one:
- Cracks, dents or chips in the case.
 - Cracks or other damage to the connector.
 - Peeling off of the label or damage to the serial number.

CAUTION:

For removal and installation procedures of the airbag sensor rear, see page [60-62](#) . Be sure to follow the correct procedure.

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

- (a) Replace the airbag sensor rear (see page [60-62](#)).

CAUTION:

For removal and installation procedures of the airbag sensor rear, see page [60-62](#) . Be sure to follow the correct procedure.

HINT:

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

21. SEAT POSITION AIRBAG SENSOR (VEHICLE NOT INVOLVED IN COLLISION)

- (a) Perform a diagnostic system check (see page [05-777](#)).

22. SEAT POSITION AIRBAG SENSOR (VEHICLE INVOLVED IN COLLISION)

- (a) Perform a diagnostic system check (see page [05-777](#)).
- (b) Even if the airbag was not deployed, perform a visual check for damage to the seat position airbag sensor including the following:
- Cracks, dents or chips in the case.
 - Cracks or other damage to the connector.

CAUTION:

For removal and installation procedures of the seat position airbag sensor, see page [60-64](#) . Be sure to follow the correct procedure.

23. OCCUPANT CLASSIFICATION ECU (VEHICLE NOT INVOLVED IN COLLISION)

- (a) Perform a diagnostic system check (see page [05-777](#)).

24. OCCUPANT CLASSIFICATION ECU (VEHICLE INVOLVED IN COLLISION)

- (a) Perform a diagnostic system check (see page [05-777](#)).
- (b) Even if the airbag was not deployed, perform a visual check for damage to the occupant classification ECU including the following:
- Cracks, dents or chips in the case.
 - Cracks or other damage to the connectors.

CAUTION:

For removal and installation procedures of the occupant classification ECU, see page [60-67](#) . Be sure to follow the correct procedure.

25. WIRE HARNESS AND CONNECTOR (VEHICLE NOT INVOLVED IN COLLISION)

- (a) Perform a diagnostic system check (see page [05-777](#)).

26. WIRE HARNESS AND CONNECTOR (VEHICLE INVOLVED IN COLLISION)

- (a) Perform a diagnostic system check (see page [05-777](#)).
- (b) Check for breaks in all wires of the SRS wire harness and exposed conductors.
- (c) Check to see if the SRS wire harness connectors are cracked or chipped.

HINT:

The SRS wire harness is integrated with the engine room main wire, instrument panel wire, instrument panel wire No.2, seat wire No.1, floor wire, floor wire No.2 and roof wire No.2.

SUPPLEMENTAL RESTRAINT SYSTEM

6010B-01

PRECAUTION

CAUTION:

- The vehicle is equipped with SRS, which consists of a driver airbag, front passenger airbag, side airbag and curtain shield airbag. Failure to carry out service operations in the correct sequence could cause the SRS to unexpectedly deploy during servicing, possibly leading to a serious accident. Further, if a mistake is made in servicing the SRS, it is possible that the SRS may fail to operate when required. Before performing servicing (including removal or installation of parts, inspection or replacement), be sure to read the following items carefully, then follow the correct procedures indicated in the repair manual.
- Wait at least 90 seconds after the ignition switch is turned to the "LOCK" position and the negative (-) terminal cable is disconnected from the battery before starting the operation. (The SRS is equipped with a back-up power source, so that if work is started within 90 seconds after disconnecting the negative (-) terminal cable of the battery, the SRS may be deployed.)
- Do not expose the horn button assy, instr pnl pass l/door airbag assy, airbag sensor assy center, airbag sensor front, front seat airbag assy, side airbag sensor assy, curtain shield airbag assy, airbag sensor rear, seat position airbag sensor or occupant classification ECU directly to hot air or flames.
- Be sure to perform the initialization of the occupant classification ECU if any of the following conditions occur (see page 05-767). If the initialization is not performed, the SRS may not operate properly.
 - The occupant classification ECU is replaced.
 - Accessories (seatback tray, seat cover, etc.) are installed to the vehicle.
 - The passenger seat is removed from the vehicle, and then reinstalled or replaced.
 - The passenger airbag ON/OFF indicator light ("OFF") comes on when the passenger seat is not occupied.
 - The vehicle is brought to the workshop for repair due to an accident or collision.

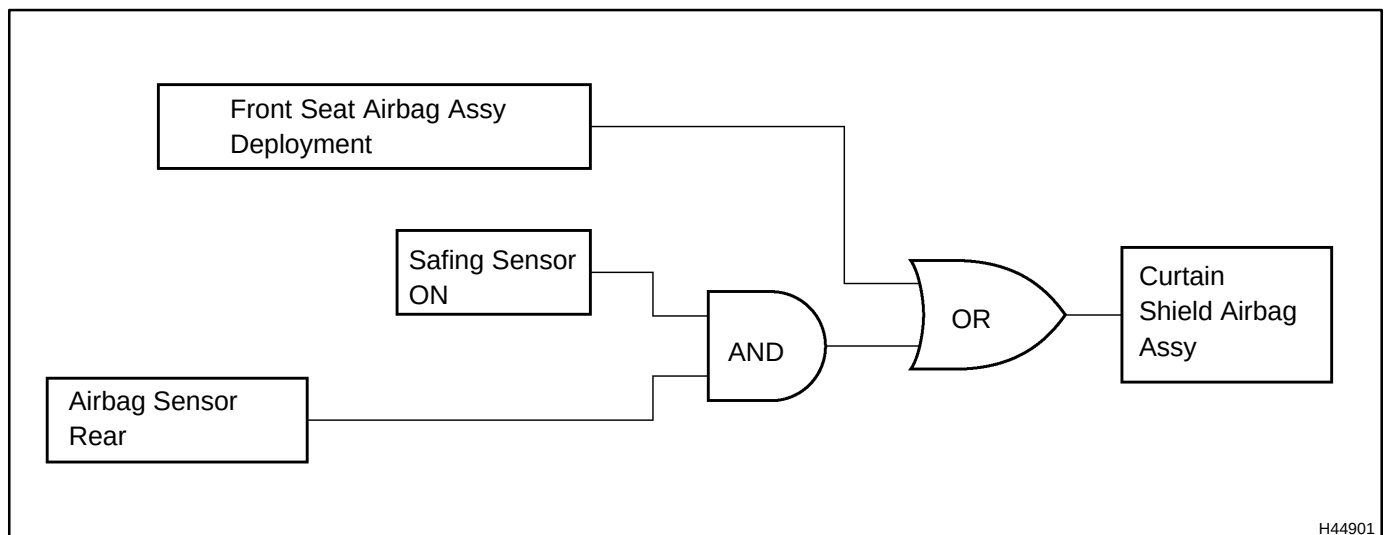
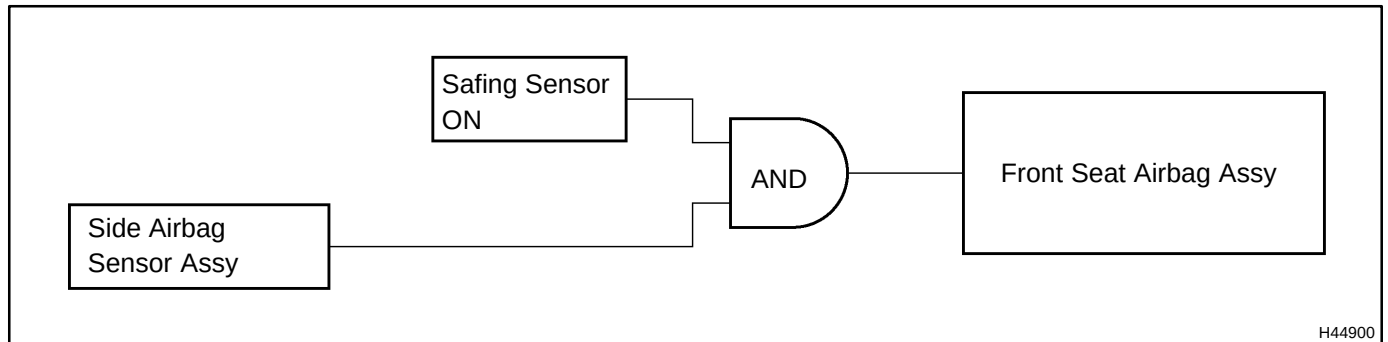
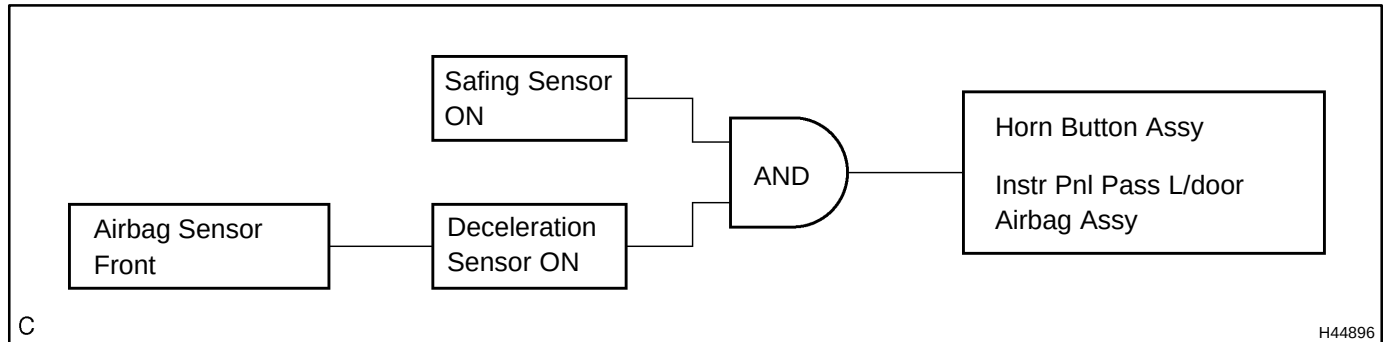
NOTICE:

- Malfunction symptoms of the SRS are difficult to confirm, so DTCs are the most important source of information when troubleshooting. When troubleshooting the SRS, always inspect DTCs before disconnecting the battery.
- Even in the case of a minor collision when the SRS does not deploy, the horn button assy, instr pnl pass l/door airbag assy, airbag sensor assy center, airbag sensor front, front seat airbag assy, side airbag sensor assy, curtain shield airbag assy, airbag sensor rear, seat position airbag sensor and occupant classification ECU should be inspected (see page 60-12).
- Before repair work, remove the airbag sensor if any kind of shock is likely to occur to the airbag sensor during the operation.
- Never use SRS parts from another vehicle. When replacing the parts, replace them with new ones.
- Never disassemble or repair the horn button assy, instr pnl pass l/door airbag assy, airbag sensor assy center, airbag sensor front, front seat airbag assy, side airbag sensor assy, curtain shield airbag assy, airbag sensor rear, seat position airbag sensor or occupant classification ECU in order to reuse it.
- If the horn button assy, instr pnl pass l/door airbag assy, airbag sensor assy center, airbag sensor front, front seat airbag assy, side airbag sensor assy, curtain shield airbag assy, airbag sensor rear, seat position airbag sensor or occupant classification ECU has been dropped, or if there are any cracks, dents or other defects in the case, bracket or connector, replace it with a new one.

- Use a volt/ohmmeter with high impedance (10 k Ω /V minimum) for troubleshooting the electrical circuits.
- Information labels are attached to the periphery of the SRS components. Follow the instructions in the caution.
- After work on the SRS is completed, perform the SRS warning light check (see page [05-770](#)).
- When the negative (-) terminal cable is disconnected from the battery, the memory will be cleared. Because of this, be sure to make a record of the contents memorized in each system before starting work. When work is finished, adjust each system as it was before. Never use a back-up power supply from outside the vehicle to avoid erasing the memory in any system.
- If the vehicle is equipped with a mobile communication system, see page [01-5](#) .

1. DEPLOYMENT CONDITION

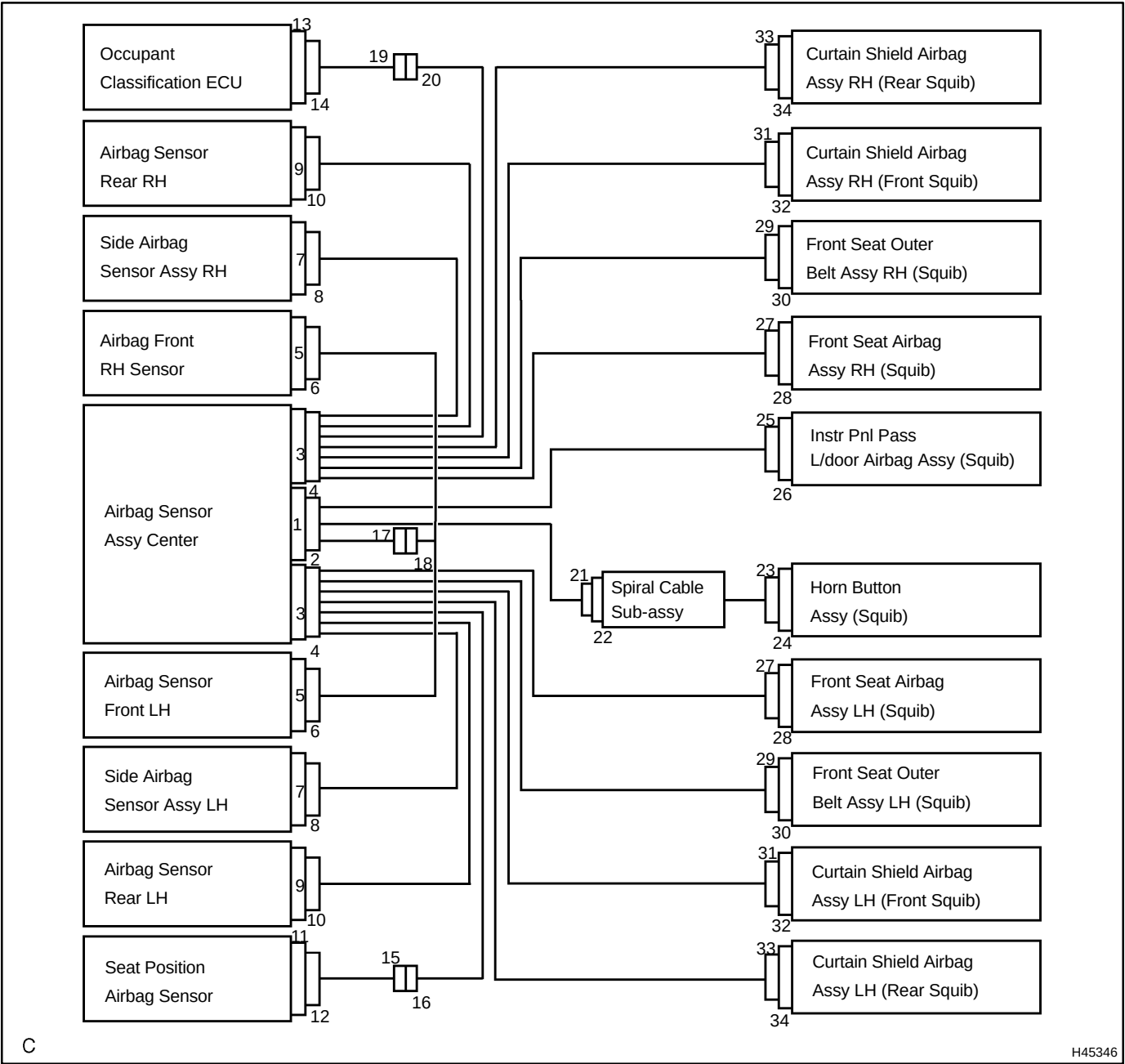
- (a) When the vehicle collides and the shock is greater than the specified value, the SRS is activated automatically. The airbag sensor assy center includes the safing sensor and deceleration sensor. The safing sensor was designed to be turned on at a smaller deceleration rate than the deceleration sensor. The deceleration sensor determines whether or not ignition is necessary based on signals from the airbag sensor front. Current flows to the squibs to deploy the SRS when the conditions shown in the illustrations below are met.



2. SRS CONNECTORS

HINT:

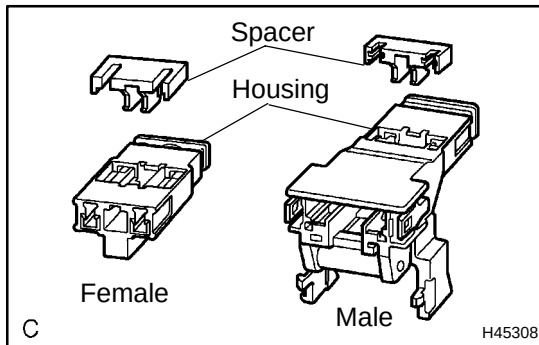
SRS connectors are located as shown in the following illustration.



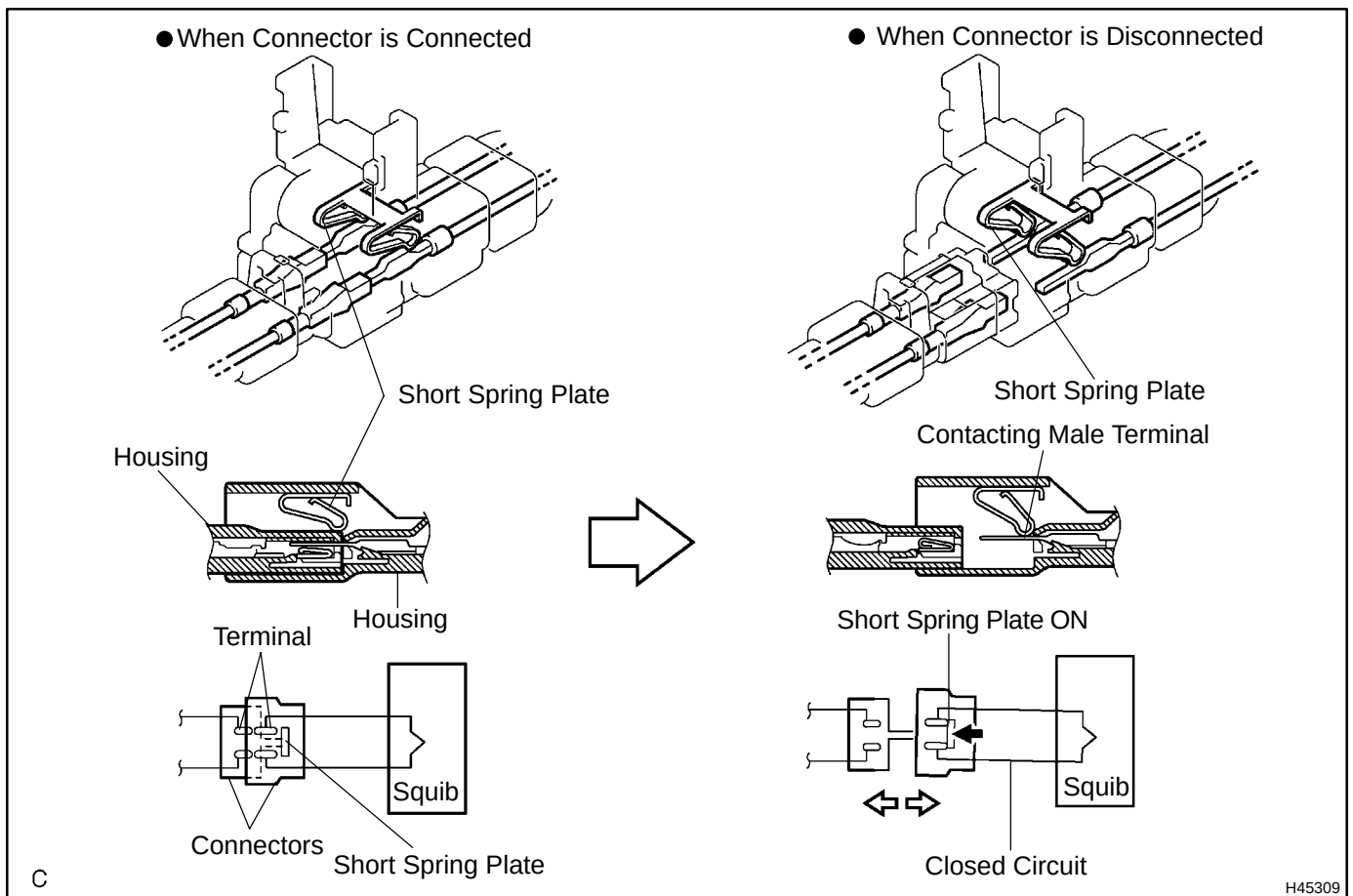
No.	Connector Type	Application
(1)	Terminal Twin-Lock Mechanism	Connectors 2, 4, 6, 8, 10, 12, 15, 16, 17, 18, 20*, 21, 25, 27, 28
(2)	Activation Prevention Mechanism	Connectors 2, 4, 22, 24, 26, 28, 30, 32, 34
(3)	Electrical Connection Check Mechanism	Connectors 1, 2, 3, 4
(4)	Half Connection Prevention Mechanism	Connectors 6, 8, 10, 18, 21, 25, 27
(5)	Connector Lock Mechanism	Connectors 23, 29, 31, 33

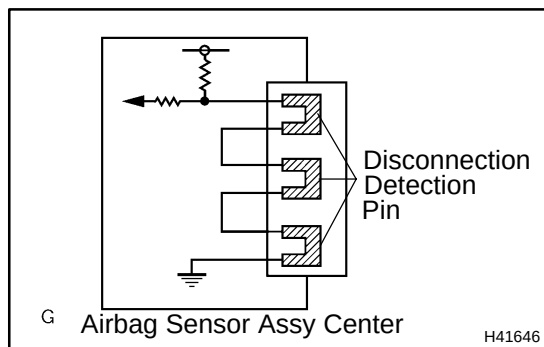
*: Manual Seat

- (a) All connectors in the SRS, except the seat position airbag sensor connector and the occupant classification ECU connectors, are colored yellow to distinguish them from other connectors. These connectors have special functions, and are specially designed for the SRS. All SRS connectors use durable gold-plated terminals, and are placed in the locations shown on the previous page to ensure high reliability.

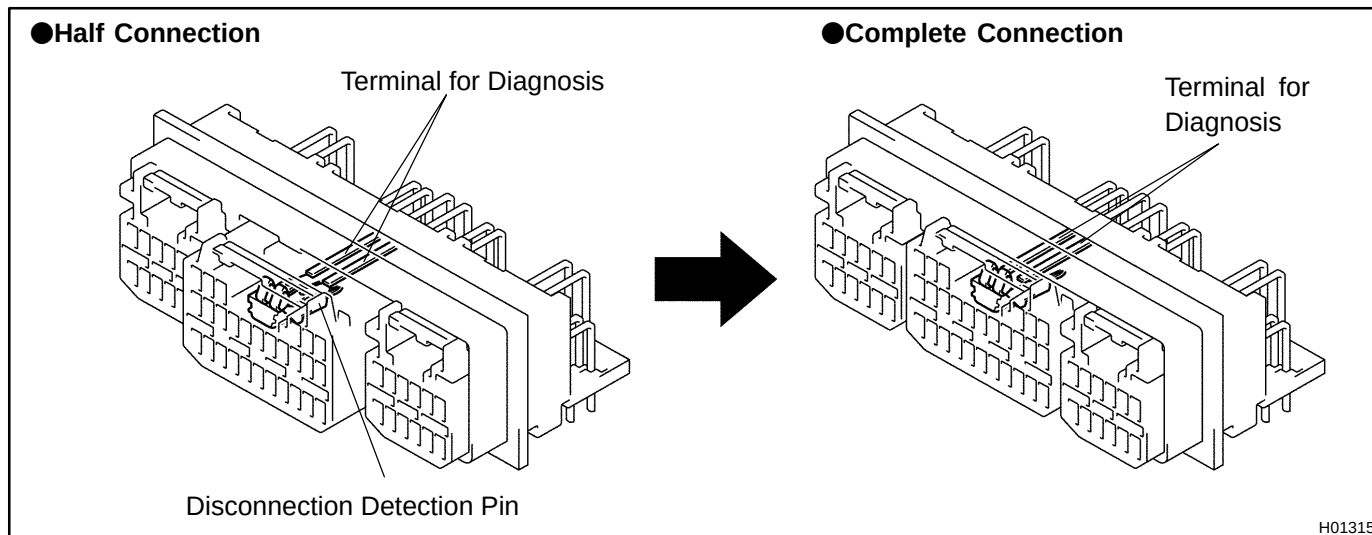


- (1) Terminal twin-lock mechanism:
Each connector has a two-piece component consisting of a housing and a spacer. This design enables the terminal to be locked securely by two locking devices (the retainer and the lance) to prevent terminals from coming out.
- (2) Activation prevention mechanism:
Each connector contains a short spring plate. When the connector is disconnected, the short spring plate automatically connects the positive (+) terminal and the negative (-) terminal of the squib.

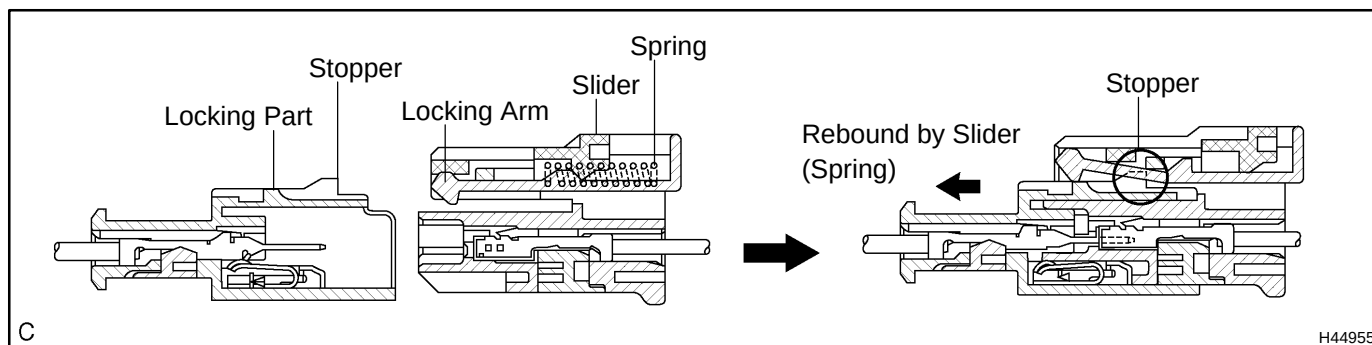




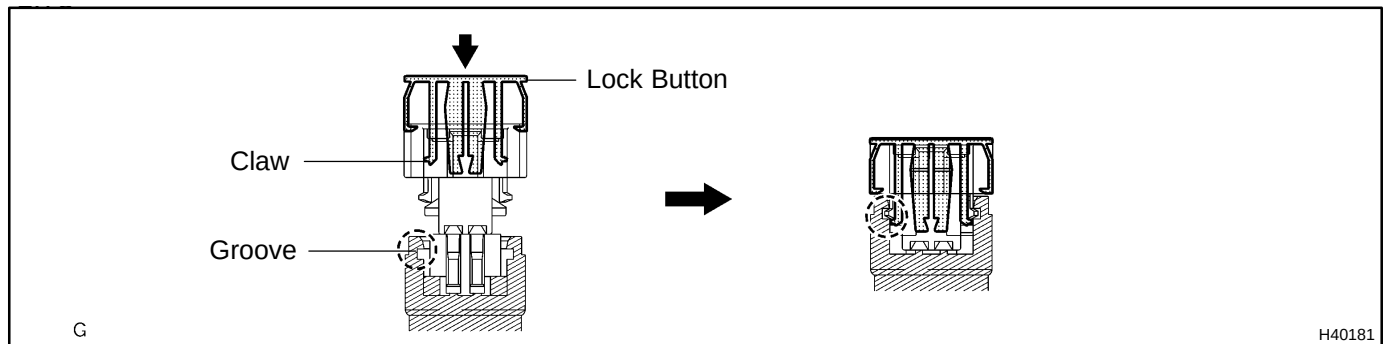
- (3) **Electrical connection check mechanism:**
This mechanism electrically checks that the connectors are connected correctly and completely. The electrical connection check mechanism is designed so that the disconnection detection pin connects with the diagnosis terminals when the connector housing lock is locked.



- (4) **Half connection prevention mechanism:**
If the connector is not completely connected, the connector is disconnected due to the spring operation so that no continuity exists.

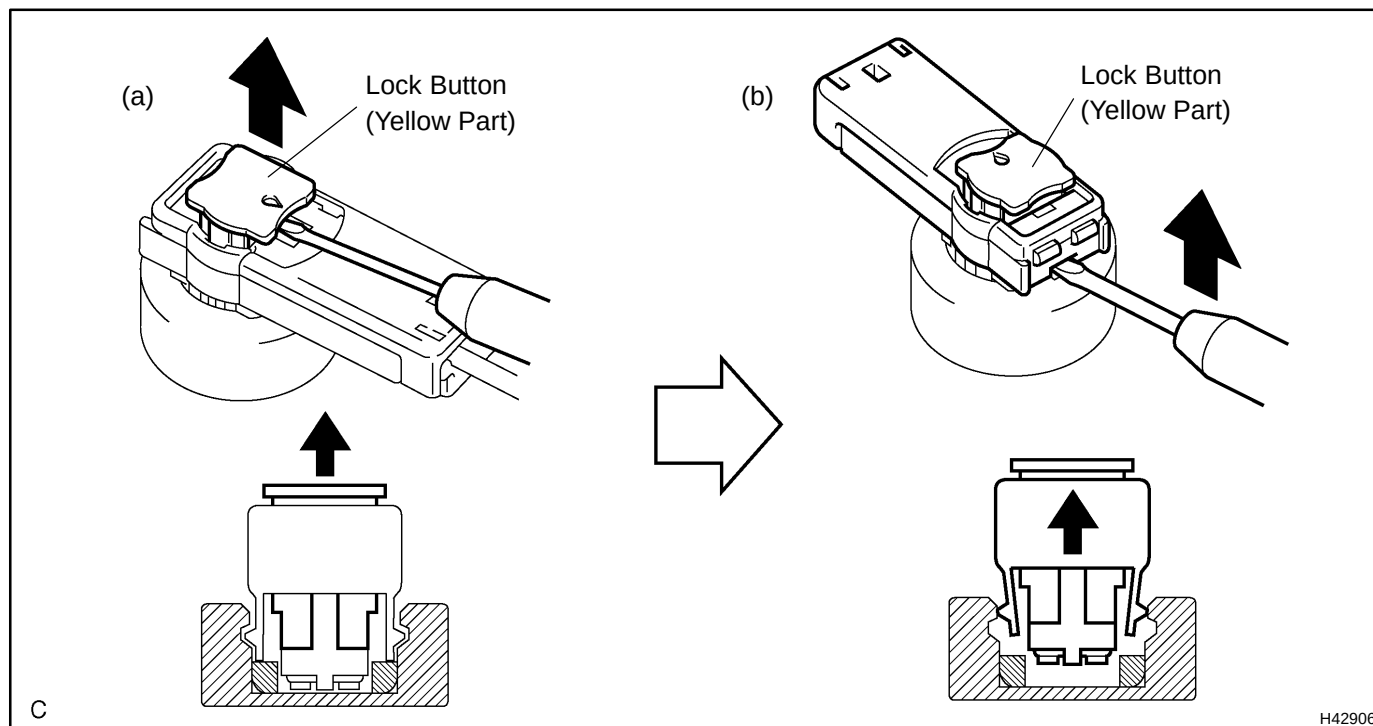


- (5) Connector lock mechanism:
Locking the connector lock button connects the connector securely.



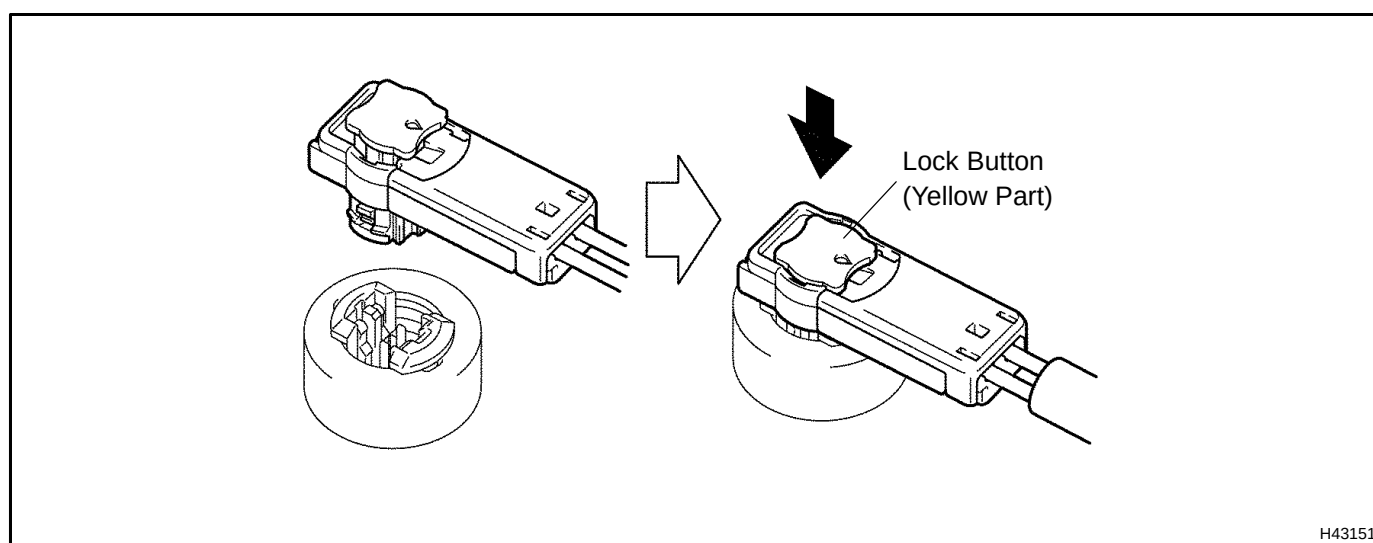
3. DISCONNECTION OF CONNECTORS FOR HORN BUTTON ASSY AND CURTAIN SHIELD AIRBAG ASSY

- (a) Release the lock button (yellow part) of the connector using a screwdriver.
- (b) Insert the screwdriver tip between the connector and the base, and then raise the connector.



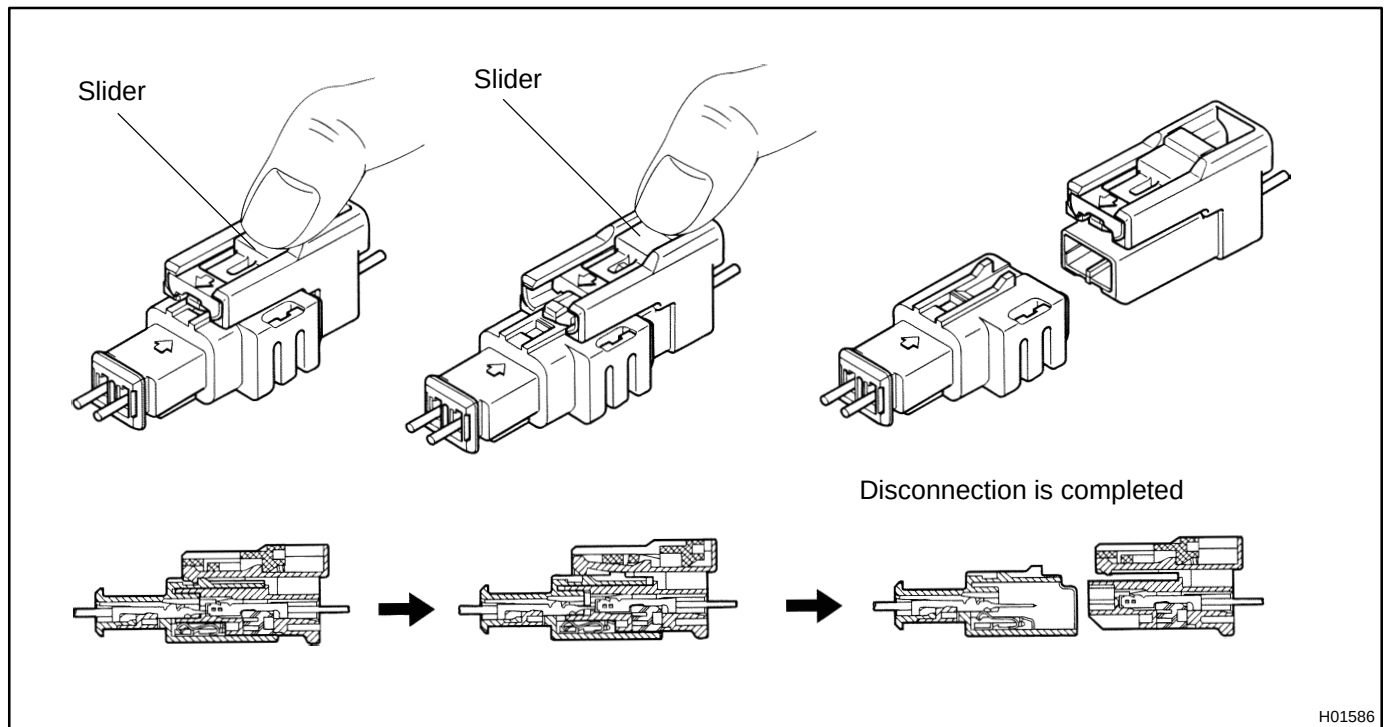
4. CONNECTION OF CONNECTORS FOR HORN BUTTON ASSY AND CURTAIN SHIELD AIRBAG ASSY

- (a) Connect the connector.
- (b) Push down securely on the lock button (yellow part) of the connector. (When locking, a click sound can be heard.)



5. DISCONNECTION OF CONNECTOR FOR INSTR PNL PASS L/DOOR AIRBAG ASSY

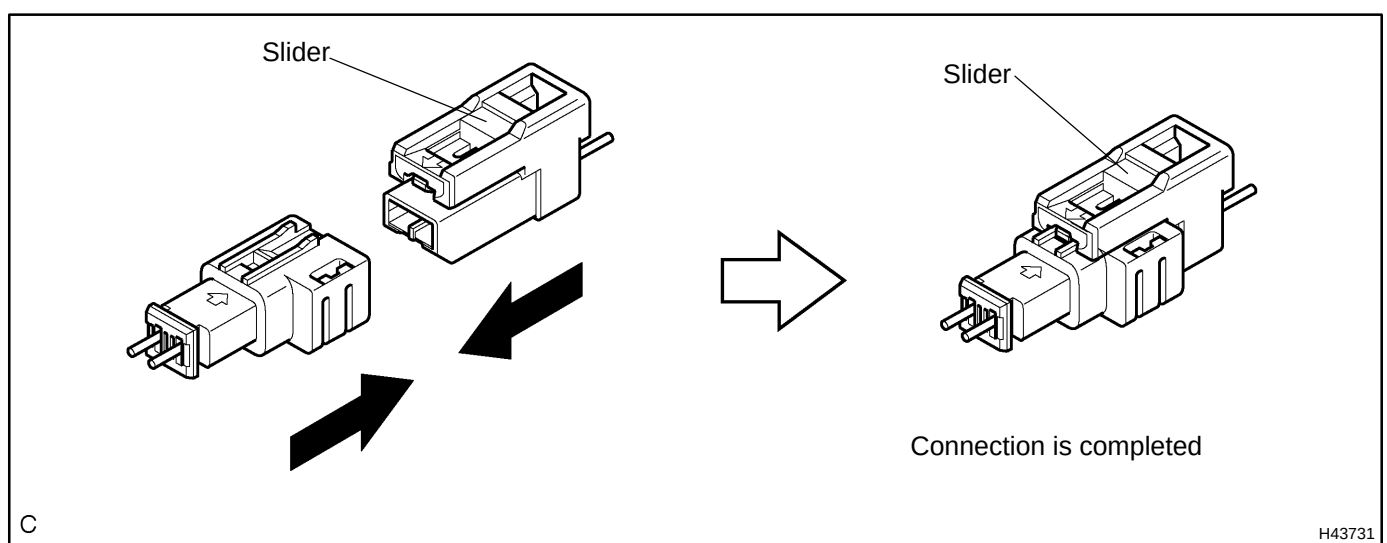
- (a) Place a finger on the slider, slide the slider to release the lock, and then disconnect the connector.

**6. CONNECTION OF CONNECTOR FOR INSTR PNL PASS L/DOOR AIRBAG ASSY**

- (a) Connect the connector as shown in the illustration. (When locking, make sure that the slider returns to its original position and a click sound can be heard.)

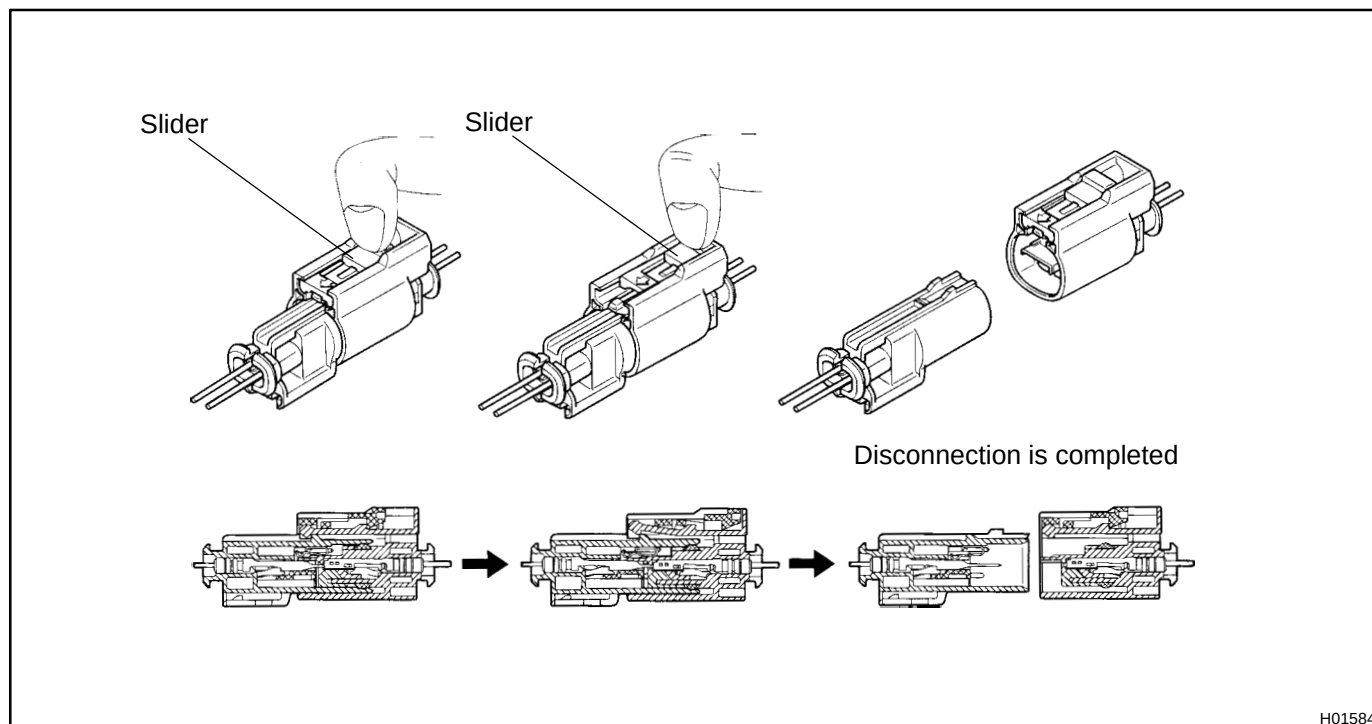
HINT:

When connecting, the slider will slide. Be sure not to touch the slider while connecting, as it may result in an insecure fit.



7. DISCONNECTION OF CONNECTOR FOR FRONT SEAT AIRBAG ASSY

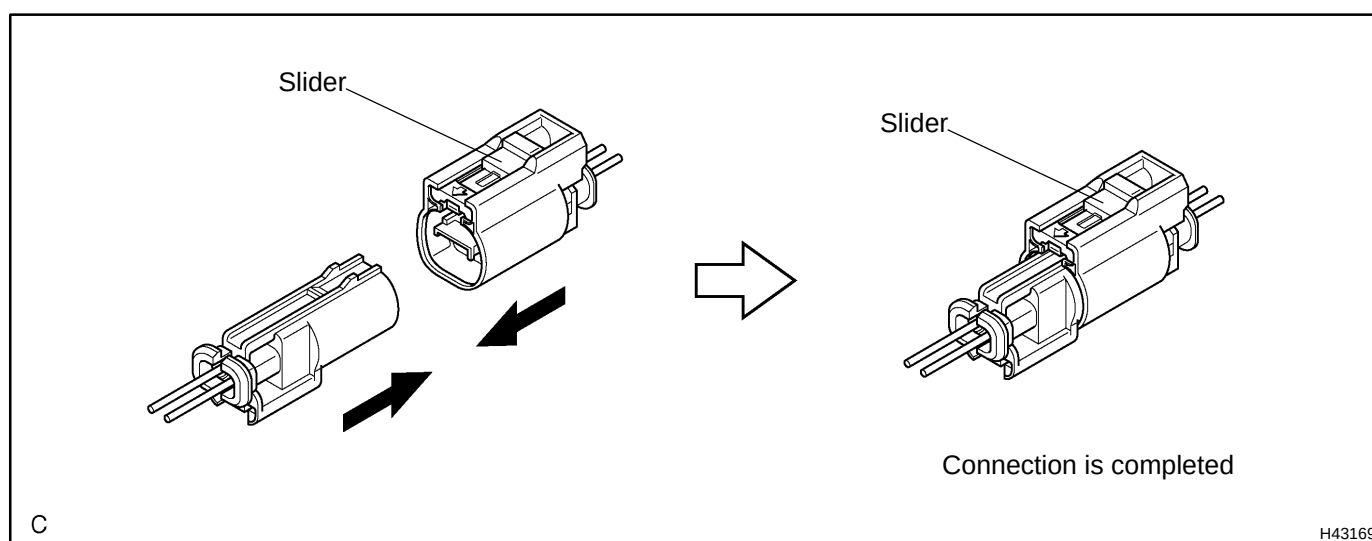
- (a) Place a finger on the slider, slide the slider to release the lock, and then disconnect the connector.

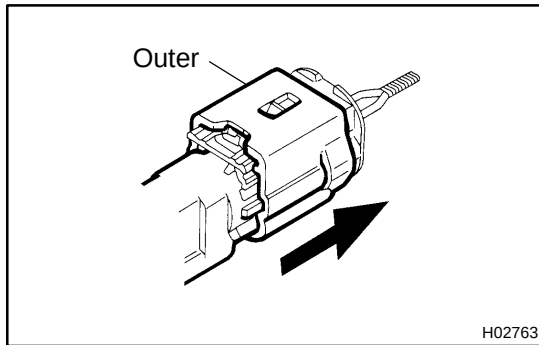
**8. CONNECTION OF CONNECTOR FOR FRONT SEAT AIRBAG ASSY**

- (a) Connect the connector as shown in the illustration. (When locking, make sure that the slider returns to its original position and a click sound can be heard.)

HINT:

When connecting, the slider will slide. Be sure not to touch the slider while connecting, as it may result in an insecure fit.



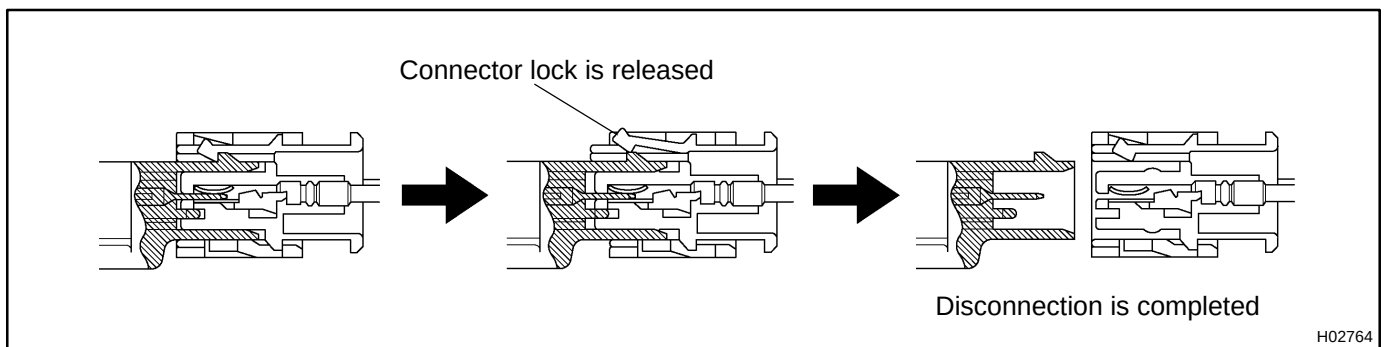


9. DISCONNECTION OF CONNECTORS FOR AIRBAG SENSOR FRONT, SIDE AIRBAG SENSOR ASSY AND AIRBAG SENSOR REAR

- (a) While holding both outer flank sides, slide the outer in the direction shown by the arrow.
- (b) When the connector lock is released, the connectors are disconnected.

HINT:

Be sure to hold both outer flank sides. Holding the top and bottom will make disconnection difficult.

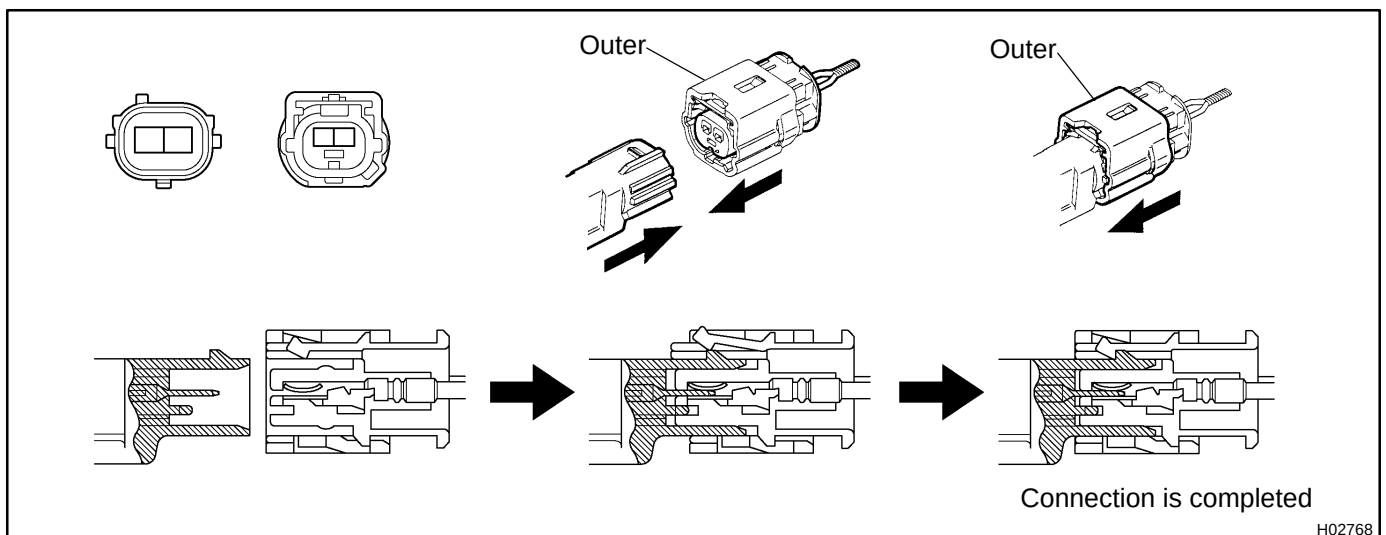


10. CONNECTION OF CONNECTORS FOR AIRBAG SENSOR FRONT, SIDE AIRBAG SENSOR ASSY AND AIRBAG SENSOR REAR

- (a) Connect the connector as shown in the illustration. (When locking, make sure that the outer returns to its original position and a click sound can be heard.)

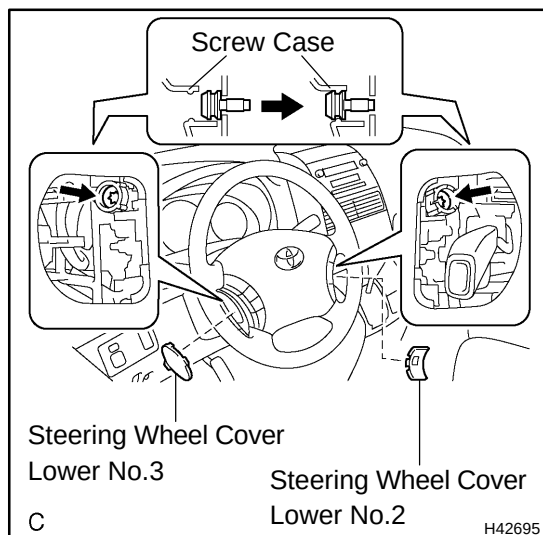
HINT:

When connecting, the outer will slide. Be sure not to hold the outer while connecting, as it may result in an insecure fit.



REPLACEMENT

1. **PRECAUTION (SEE PAGE 60-1)**
2. **DISCONNECT BATTERY NEGATIVE TERMINAL (SEE PAGE 60-1)**



3. REMOVE STEERING WHEEL COVER LOWER NO.2

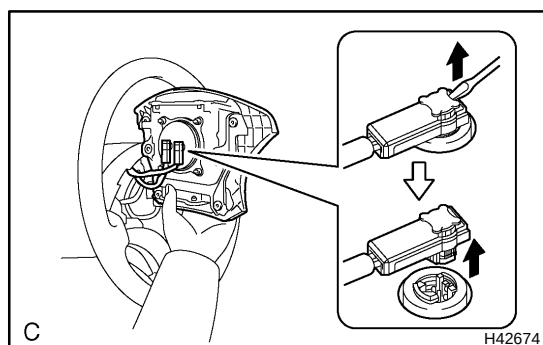
- (a) Using a screwdriver, remove the steering wheel cover lower No.2.

4. REMOVE STEERING WHEEL COVER LOWER NO.3

- (a) Using a screwdriver, remove the steering wheel cover lower No.3.

5. REMOVE HORN BUTTON ASSY

- (a) Place the front wheels facing straight ahead.
- (b) Using a torx® socket wrench (T30), loosen the 2 torx® screws until the groove along the screw circumference catches on the screw case.

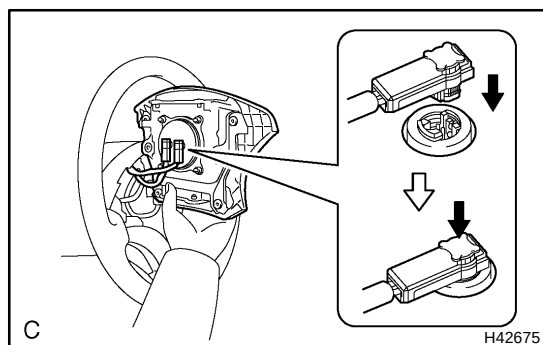


- (c) Pull out the horn button assy from the steering wheel assy and support the horn button assy with one hand as shown in the illustration.

NOTICE:

When removing the horn button assy, do not pull the airbag wire harness.

- (d) Using a screwdriver, disconnect the airbag connectors.
- (e) Remove the horn button assy.

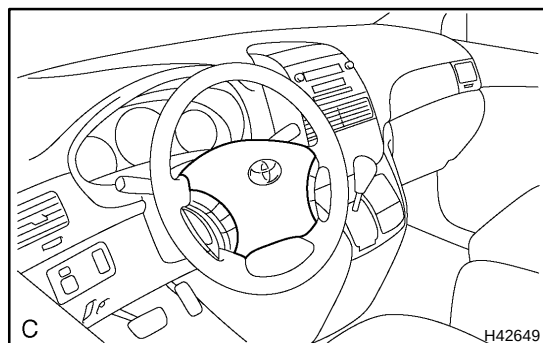


6. INSTALL HORN BUTTON ASSY

- (a) Support the horn button assy with one hand as shown in the illustration.
- (b) Connect the airbag connectors.
- (c) Connect the horn connector.
- (d) Confirm that the circumference groove of the torx® screws is fit in the screw case, and place the horn button assy to the steering wheel assy.
- (e) Using a torx® socket wrench (T 30), tighten the 2 screws.
Torque: 8.8 N·m (90 kgf·cm, 78 in.-lbf)

7. INSPECT HORN BUTTON ASSY

- (a) Do a visual check which includes the following item with the horn button assy (with airbag) installed in the vehicle: cuts, minute cracks or marked discoloration on the horn button assy top surface and in the grooved portion.



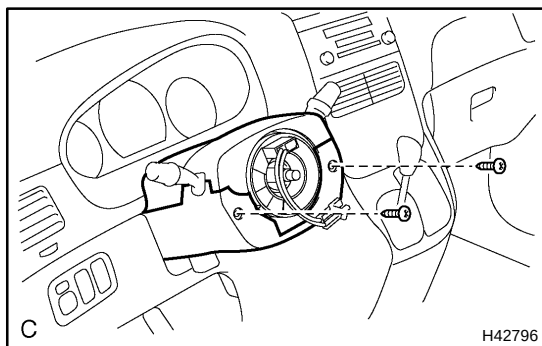
8. INSPECT SRS WARNING LIGHT (SEE PAGE [05-770](#))

SPIRAL CABLE SUB-ASSY REPLACEMENT

HINT:

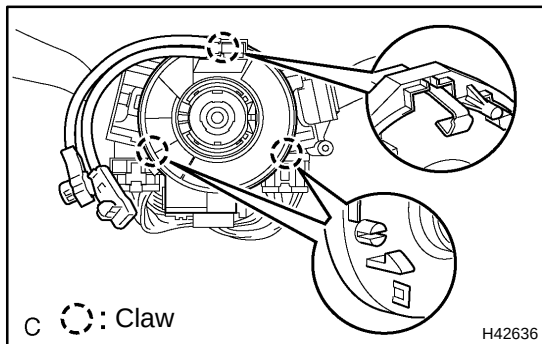
COMPONENTS: See page 60-18

1. **PRECAUTION (SEE PAGE 60-1)**
 2. **DISCONNECT BATTERY NEGATIVE TERMINAL (SEE PAGE 60-1)**
 3. **PLACE FRONT WHEELS FACING STRAIGHT AHEAD**
 4. **REMOVE STEERING WHEEL COVER LOWER NO.2 (SEE PAGE 60-19)**
 5. **REMOVE STEERING WHEEL COVER LOWER NO.3 (SEE PAGE 60-19)**
 6. **REMOVE HORN BUTTON ASSY (SEE PAGE 60-19)**
 7. **REMOVE STEERING WHEEL ASSY (SEE PAGE 50-8)**
- SST 09950-50013 (09951-05010, 09952-05010, 09953-05020, 09954-05021)



8. REMOVE STEERING COLUMN COVER

- (a) Remove the 2 screws and the steering column cover.



9. REMOVE SPIRAL CABLE SUB-ASSY

- (a) Disconnect the airbag connector and the connector from the spiral cable sub-assy.
- (b) Release the 3 claws and remove the spiral cable sub-assy.

10. INSPECT SPIRAL CABLE SUB-ASSY

- (a) If the following condition is identified, replace the spiral cable sub-assy with a new one.

Condition:

Scratches or cracks on the connector

Cracks, dents or chipping of the spiral cable sub-assy.

11. PLACE FRONT WHEELS FACING STRAIGHT AHEAD

- (a) Check that the front wheels are facing straight ahead.

12. INSTALL SPIRAL CABLE SUB-ASSY

- (a) Set the turn signal switch to the neutral position.

NOTICE:

Make sure of the neutral position since the pin of the turn signal switch may be snapped.

- (b) Install the spiral cable sub-assy.

NOTICE:

When replacing the spiral cable sub-assy with a new one, remove the lock pin before installing the steering wheel assy.

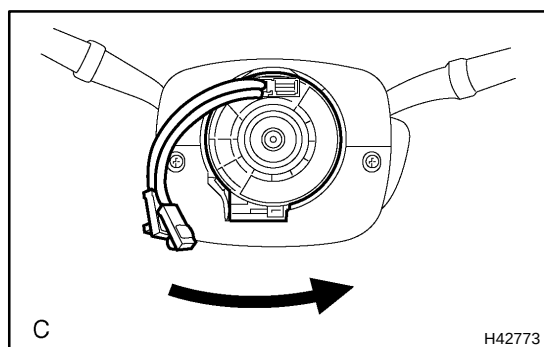
- (c) Connect the airbag connector and the connector.
 (d) Install the steering column cover with the 2 screws.

13. CENTER SPIRAL CABLE

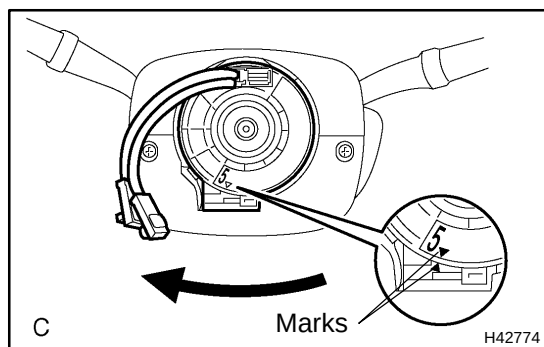
- (a) Check that the ignition switch is OFF.
 (b) Check that the battery negative (-) terminal is disconnected.

NOTICE:

Do not start the operation for 90 seconds after removing the terminal.



- (c) Turn the cable counterclockwise slowly by hand until it becomes harder to turn.



- (d) Then rotate the cable clockwise about 2.5 turns to align the marks.

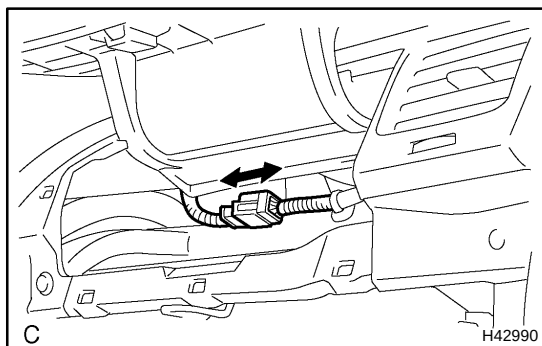
HINT:

The cable will rotate about 2.5 turns to both left and right of the center.

14. INSTALL STEERING WHEEL ASSY (SEE PAGE 50-8)**15. INSPECT STEERING WHEEL CENTER POINT****16. INSTALL HORN BUTTON ASSY (SEE PAGE 60-19)****17. INSPECT HORN BUTTON ASSY (SEE PAGE 60-12)****18. INSPECT SRS WARNING LIGHT (SEE PAGE 05-770)**

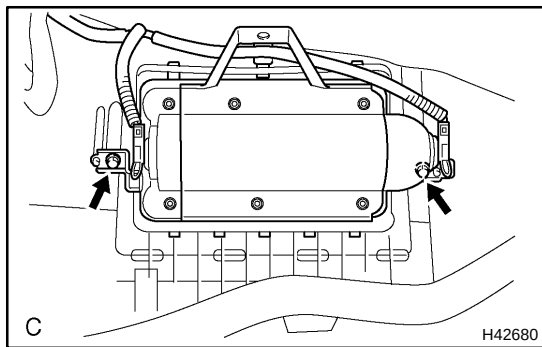
REPLACEMENT

1. PRECAUTION (SEE PAGE 60-1)
2. DISCONNECT BATTERY NEGATIVE TERMINAL (SEE PAGE 60-1)
3. PLACE FRONT WHEELS FACING STRAIGHT AHEAD
4. REMOVE STEERING WHEEL COVER LOWER NO.2 (SEE PAGE 60-19)
5. REMOVE STEERING WHEEL COVER LOWER NO.3 (SEE PAGE 60-19)
6. REMOVE HORN BUTTON ASSY (SEE PAGE 60-19)
7. REMOVE STEERING WHEEL ASSY (SEE PAGE 50-8)
SST 09950-50013 (09951-05010, 09952-05010, 09953-05020, 09954-05021)
8. REMOVE STEERING COLUMN COVER (SEE PAGE 50-8)
9. REMOVE GLOVE COMPARTMENT DOOR ASSY (SEE PAGE 71-10)
10. REMOVE INSTRUMENT PANEL BOX NO.2 (SEE PAGE 71-10)

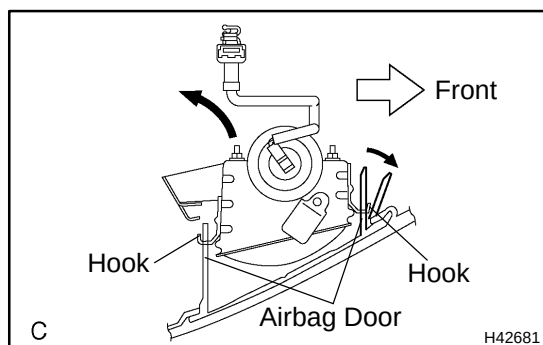


11. DISCONNECT PASSENGER AIRBAG CONNECTOR
(a) Disconnect passenger airbag connector.

12. REMOVE INSTRUMENT PANEL SUB-ASSY W/PASSENGER AIRBAG ASSY (SEE PAGE 71-10)



13. REMOVE INSTR PNL PASS L/DOOR AIR BAG ASSY
(a) Remove the 2 screws.



- (b) Release the front side wall of the airbag door from the hook by slightly deflecting it and roll the instr pnl pass l/door airbag assy rearward.
- (c) Release the rear side wall of the airbag door from the other hook and remove the instr pnl pass l/door airbag assy.

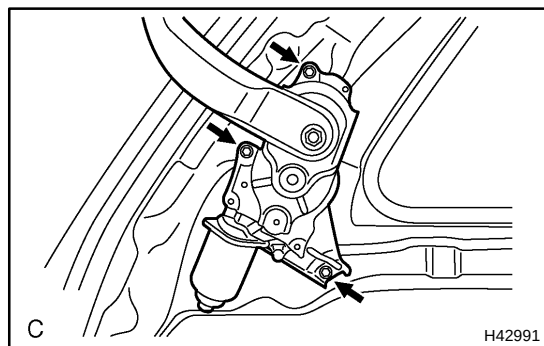
14. INSTALL INSTR PNL PASS L/DOOR AIR BAG ASSY
15. INSPECT INSTR PNL PASS L/DOOR AIR BAG ASSY (SEE PAGE [60-12](#))
16. INSTALL INSTRUMENT PANEL SUB-ASSY W/PASSENGER AIRBAG ASSY (SEE PAGE [71-10](#))
17. CENTER SPIRAL CABLE (SEE PAGE [60-28](#))
18. INSTALL STEERING WHEEL ASSY (SEE PAGE [50-8](#))
19. INSPECT STEERING WHEEL CENTER POINT
20. INSTALL HORN BUTTON ASSY (SEE PAGE [60-19](#))
21. INSPECT HORN BUTTON ASSY (SEE PAGE [60-12](#))
22. INSPECT SRS WARNING LIGHT (SEE PAGE [05-770](#))

REPLACEMENT

HINT:

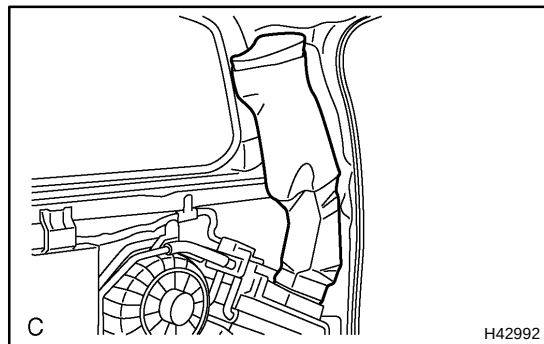
Replacement procedure of the RH side is the same as that of the LH side except for step 8.

1. **PRECAUTION (SEE PAGE 60-1)**
2. **DISCONNECT BATTERY NEGATIVE TERMINAL (SEE PAGE 60-1)**
3. **PLACE FRONT WHEELS FACING STRAIGHT AHEAD**
4. **REMOVE HORN BUTTON ASSY (SEE PAGE 60-19)**
5. **REMOVE STEERING WHEEL ASSY (SEE PAGE 50-8)**
6. **REMOVE INSTRUMENT PANEL SUB-ASSY W/PASSENGER AIRBAG ASSY (SEE PAGE 71-10)**
7. **REMOVE ROOF HEADLINING ASSY (SEE PAGE 76-27)**



8. REMOVE POWER BACK DOOR UNIT ASSY

- (a) Remove the 3 bolts and the power back door unit assy.

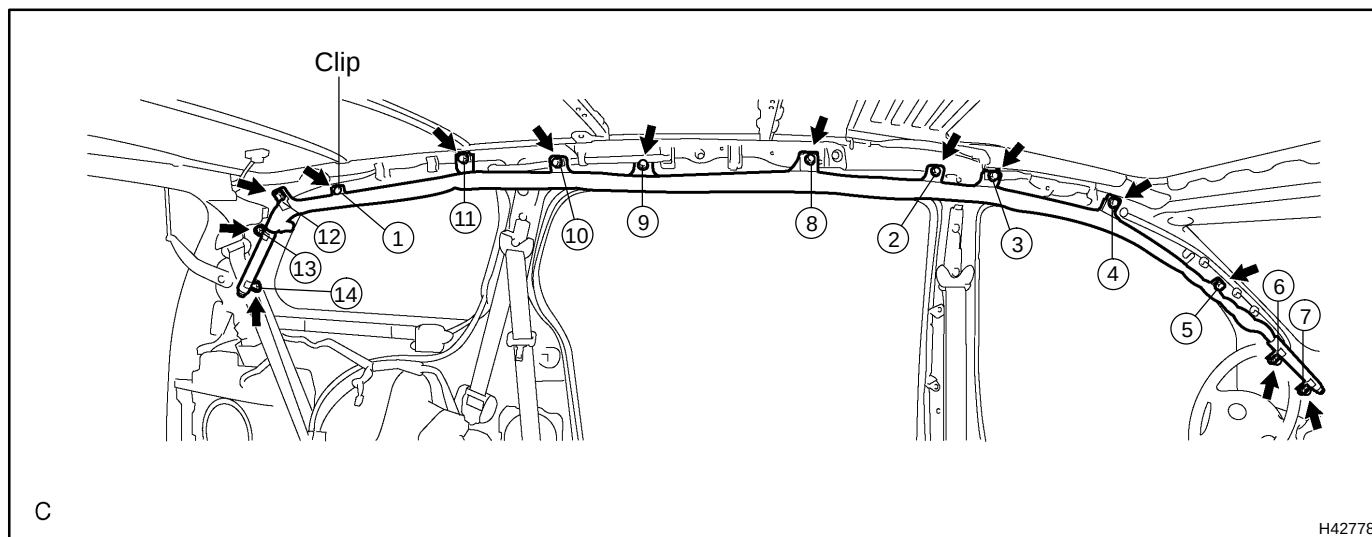


HINT:

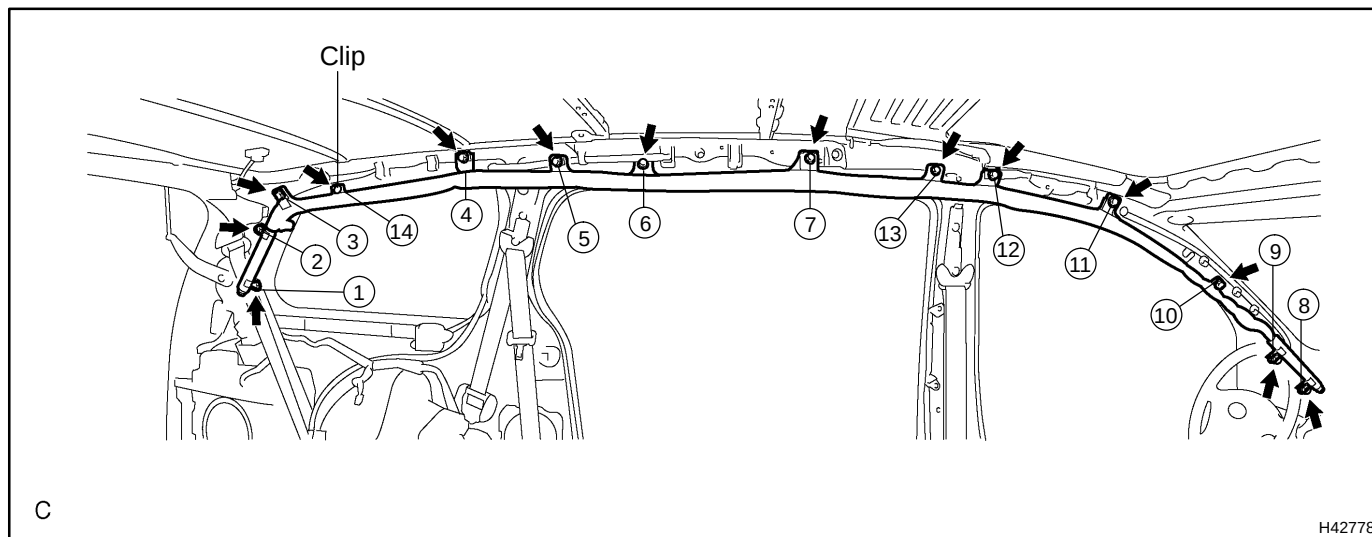
When replacing the RH side follow the procedure below.
Remove the air duct rear No.6.

9. REMOVE CURTAIN SHIELD AIR BAG ASSY LH

- (a) Disconnect the connector of the curtain shield airbag assy LH.
- (b) Remove the clip, 13 bolts and the curtain shield airbag assy LH in the order shown in the illustration.

**10. INSTALL CURTAIN SHIELD AIR BAG ASSY LH**

- (a) Install the curtain shield airbag assy LH with the 13 bolts and clip in the order shown in the illustration.
Torque: 14 N·m (143 kgf·cm, 10 ft·lbf)
- (b) Connect the curtain shield airbag assy LH connector.

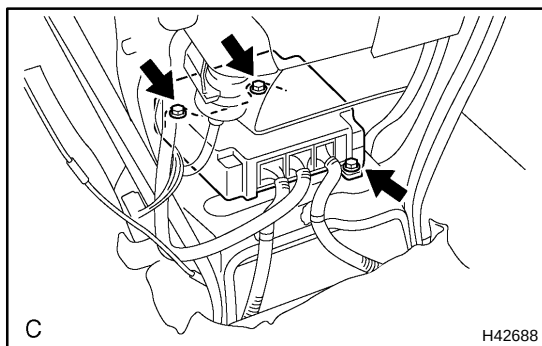


11. INSPECT CURTAIN SHIELD AIR BAG ASSY LH (SEE PAGE [60-12](#))
12. INSTALL INSTRUMENT PANEL SUB-ASSY W/PASSENGER AIRBAG ASSY (SEE PAGE [71-10](#))
13. INSTALL POWER BACK DOOR UNIT ASSY
14. INSTALL ROOF HEADLINING ASSY (SEE PAGE [76-27](#))
15. INSTALL SPIRAL CABLE SUB-ASSY (SEE PAGE [60-28](#))
16. CENTER SPIRAL CABLE (SEE PAGE [60-28](#))
17. INSTALL STEERING WHEEL ASSY (SEE PAGE [50-8](#))
18. INSPECT STEERING WHEEL CENTER POINT
19. INSTALL HORN BUTTON ASSY (SEE PAGE [60-19](#))

- 20. INSPECT HORN BUTTON ASSY (SEE PAGE [60-12](#))
- 21. INSPECT SRS WARNING LIGHT (SEE PAGE [05-770](#))

REPLACEMENT

1. PRECAUTION (SEE PAGE 60-1)
2. DISCONNECT BATTERY NEGATIVE TERMINAL (SEE PAGE 60-1)
3. REMOVE INSTRUMENT PANEL FINISH PANEL SUB-ASSY LOWER LH (SEE PAGE 71-10)
4. REMOVE FLOOR CARPET COVER CENTER LH (SEE PAGE 71-10)
5. REMOVE FLOOR CARPET COVER CENTER RH (SEE PAGE 71-10)
6. REMOVE GLOVE COMPARTMENT DOOR ASSY (SEE PAGE 71-10)
7. REMOVE INSTRUMENT PANEL BOX NO.2 (SEE PAGE 71-10)
8. REMOVE INSTRUMENT CLUSTER FINISH PANEL ASSY CENTER (SEE PAGE 71-10)
9. REMOVE INSTRUMENT CLUSTER FINISH PANEL SUB-ASSY LOWER CENTER (SEE PAGE 71-10)
10. REMOVE AIR DUCT REAR NO.4 (SEE PAGE 71-10)
11. REMOVE AIR DUCT REAR NO.3 (SEE PAGE 71-10)
12. REMOVE AIR DUCT REAR NO.1 (SEE PAGE 71-10)



13. REMOVE AIR BAG SENSOR ASSY CENTER

- (a) Disconnect the 3 connectors from the airbag sensor assy center.
- (b) Remove the 3 bolts and the airbag sensor assy center.

14. INSTALL AIR BAG SENSOR ASSY CENTER

- (a) Check that the ignition switch is OFF.
- (b) Check that the battery negative (-) terminal is disconnected.

NOTICE:

Do not start the operation for 90 seconds after removing the terminal.

- (c) Temporarily install the airbag sensor assy center with the 3 bolts.

NOTICE:

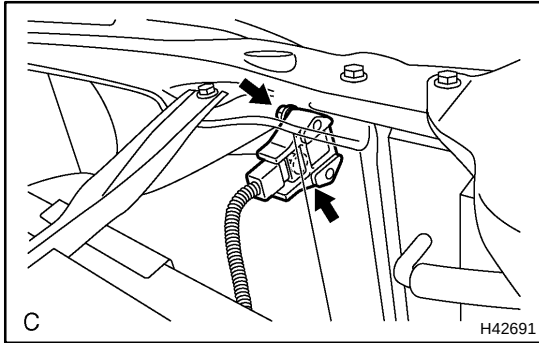
- Installation of the connector is performed with the airbag sensor assy center installed. Make sure the airbag sensor assy center is installed with the specified torque.
 - If the airbag sensor assy center has been dropped, or there are cracks, dents or other defects in the case, bracket or connector, replace the airbag sensor assy center with a new one.
 - When installing the airbag sensor assy center, take care that the SRS wiring does not interfere with other parts and is not pinched between other parts.
- (d) Tighten the 3 bolts to the specified torque.
Torque: 17.5 N·m (178 kgf·cm, 13 ft·lbf)
 - (e) Connect the connector to the air bag sensor assy center.
 - (f) Check that no play is identified.
 - (g) Check that the water-proof sheet is properly set.
- ### 15. INSPECT SRS WARNING LIGHT (SEE PAGE 05-770)

REPLACEMENT

HINT:

Replacement procedure of the RH side is the same as that of the LH side.

1. **PRECAUTION (SEE PAGE 60-1)**
2. **DISCONNECT BATTERY NEGATIVE TERMINAL (SEE PAGE 60-1)**



3. REMOVE AIR BAG SENSOR FRONT LH

- (a) Remove the 2 bolts and the airbag sensor front LH.
- (b) Disconnect the connector from the airbag sensor front LH.

4. INSTALL AIR BAG SENSOR FRONT LH

- (a) Check that the ignition switch is OFF.
- (b) Check that the battery negative (-) terminal is disconnected.

NOTICE:

Do not start the operation for 90 seconds after removing the terminal.

- (c) Install the airbag sensor front LH with the 2 bolts.

Torque: 12.5 N·m (127 kgf·cm, 9 ft·lbf)

NOTICE:

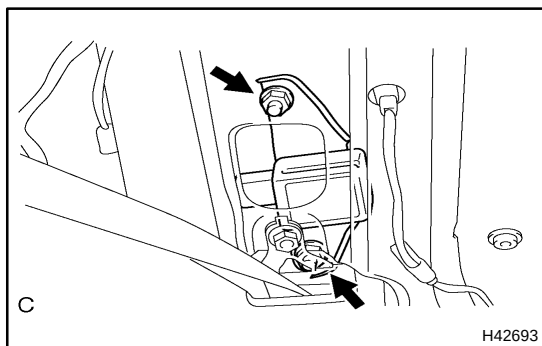
- Installation of the connector is performed with the airbag sensor front LH installed. Make sure the airbag sensor front LH is installed with the specified torque.
 - If the airbag sensor front LH has been dropped, or there are cracks, dents or other defects in the case, bracket or connector, replace the airbag sensor front LH with a new one.
 - When installing the airbag sensor front LH, take care that the SRS wiring does not interfere with other parts and is not pinched between other parts.
- (d) Connect the connector to the airbag sensor front LH.
 - (e) Check that no play is identified.
5. **INSPECT SRS WARNING LIGHT (SEE PAGE 05-770)**

REPLACEMENT

HINT:

Replacement procedure of the RH side is the same as that of the LH side.

1. **PRECAUTION (SEE PAGE 60-1)**
2. **DISCONNECT BATTERY NEGATIVE TERMINAL (SEE PAGE 60-1)**
3. **REMOVE FRONT DOOR SCUFF PLATE LH (SEE PAGE 71-10)**
4. **REMOVE REAR DOOR SCUFF PLATE LH (SEE PAGE 76-27)**
5. **REMOVE FRONT DOOR OPENING TRIM WEATHERSTRIP LH (SEE PAGE 71-10)**
6. **REMOVE REAR DOOR WEATHERSTRIP LH (SEE PAGE 76-27)**
7. **REMOVE LAP BELT OUTER ANCHOR COVER LH (SEE PAGE 76-27)**
8. **REMOVE CENTER PILLAR GARNISH LOWER LH (SEE PAGE 76-27)**
9. **REMOVE FRONT SEAT OUTER BELT ASSY LH (SEE PAGE 61-7)**



10. REMOVE SIDE AIR BAG SENSOR ASSY LH

- (a) Remove the 2 nuts and the side airbag sensor assy LH.
- (b) Disconnect the connector from the side airbag sensor assy LH.

11. INSTALL SIDE AIR BAG SENSOR ASSY LH

- (a) Check that the ignition switch is OFF.
- (b) Check that the battery negative (-) terminal is disconnected.

NOTICE:

Do not start the operation for 90 seconds after removing the terminal.

- (c) Install the side airbag sensor assy LH with the 2 nuts.

Torque: 17.5 N·m (178 kgf·cm, 13 ft·lbf)

NOTICE:

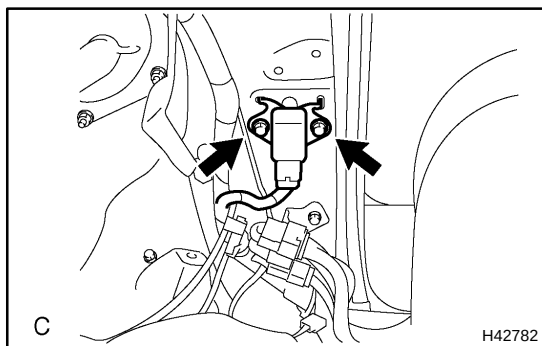
- Installation of the connector is performed with the side airbag sensor assy LH installed. Make sure the side airbag sensor assy LH is installed with the specified torque.
 - If the side airbag sensor assy LH has been dropped, or there are cracks, dents or other defects in the case, bracket or connector, replace the side airbag sensor assy LH with a new one.
 - When installing the side airbag sensor assy LH, take care that the SRS wiring does not interfere with other parts and is not pinched between other parts.
- (d) Connect the connector of the side airbag sensor assy LH.
 - (e) Check that no play is identified.
12. **INSTALL FRONT SEAT OUTER BELT ASSY LH (SEE PAGE 61-7)**
 13. **INSPECT SRS WARNING LIGHT (SEE PAGE 05-770)**

REPLACEMENT

HINT:

Replacement procedure of the LH side is the same as that of the RH side except for step 9.

1. **PRECAUTION (SEE PAGE 60-1)**
2. **DISCONNECT BATTERY NEGATIVE TERMINAL (SEE PAGE 60-1)**
3. **REMOVE REAR DOOR SCUFF PLATE RH (SEE PAGE 76-27)**
4. **REMOVE REAR DOOR WEATHERSTRIP RH (SEE PAGE 76-27)**
5. **REMOVE BACK DOOR WEATHERSTRIP (SEE PAGE 76-27)**
6. **REMOVE BACK DOOR SCUFF PLATE (SEE PAGE 76-27)**
7. **REMOVE LAP BELT OUTER ANCHOR COVER REAR NO.2 SEAT (SEE PAGE 76-27)**
8. **REMOVE QUARTER TRIM PANEL ASSY FRONT RH (SEE PAGE 76-27)**
9. **REMOVE AIR DUCT ASSY**
 - (a) Remove the screw and the air duct assy.



10. **REMOVE AIR BAG SENSOR REAR RH**
 - (a) Disconnect the connector of the airbag sensor rear RH.
 - (b) Remove the 2 bolts and the airbag sensor rear RH.

11. **INSTALL AIR BAG SENSOR REAR RH**

- (a) Check that the ignition switch is OFF.
 - (b) Check that the battery negative (-) terminal is disconnected.

NOTICE:

Do not start the operation for 90 seconds after removing the terminal.

- (c) Install the airbag sensor rear RH with the 2 bolts.

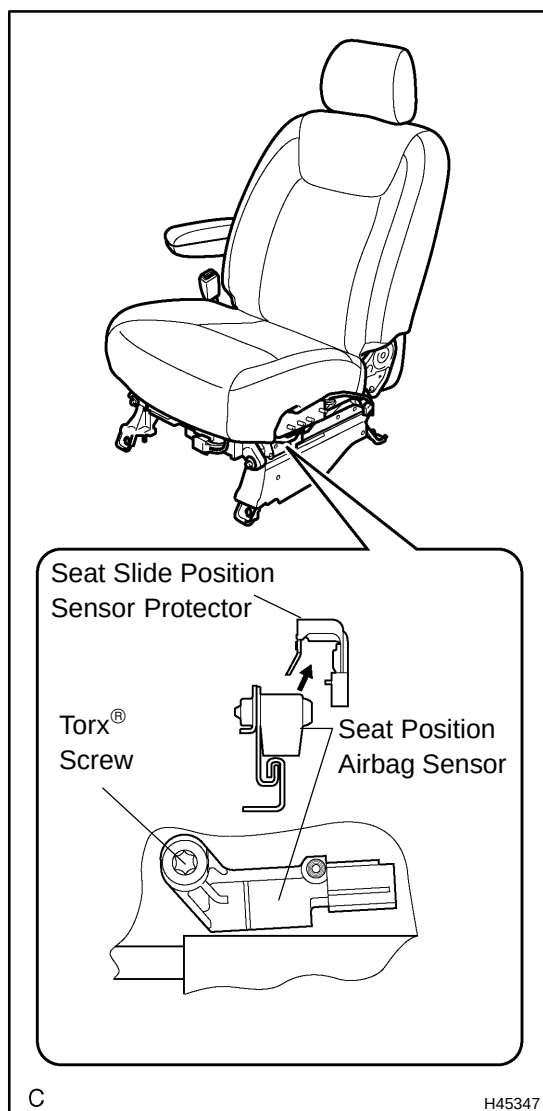
Torque: 17.5 N·m (178 kgf·cm, 13 ft·lbf)

NOTICE:

- Installation of the connector is performed with the airbag sensor rear RH installed. Make sure the airbag sensor rear RH is installed with the specified torque.
 - If the airbag sensor rear RH has been dropped, or there are cracks, dents or other defects in the case, bracket or connector, replace the airbag sensor rear RH with a new one.
 - When installing the airbag sensor rear RH, take care that the SRS wiring does not interfere with other parts and is not pinched between other parts.
- (d) Connect the connector of the airbag sensor rear RH.
 - (e) Check that no play is identified.
12. **INSPECT SRS WARNING LIGHT (SEE PAGE 05-770)**

REPLACEMENT

1. **PRECAUTION (SEE PAGE 60-1)**
2. **DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL**
Wait for 90 seconds after disconnecting the cable to prevent the airbag working.
3. **REMOVE FRONT LH SEAT ASSY**
(SEE PAGE 72-12 (POWER SEAT) OR 72-22 (MANUAL SEAT))
4. **REMOVE RECLINING ADJUSTER RELEASE HANDLE LH (MANUAL SEAT)**
(SEE PAGE 72-22)
5. **REMOVE VERTICAL SEAT ADJUSTER KNOB CAP (MANUAL SEAT) (SEE PAGE 72-22)**
6. **REMOVE VERTICAL ADJUSTING HANDLE NO.2 (MANUAL SEAT) (SEE PAGE 72-22)**
7. **REMOVE FRONT SEAT CUSHION SHIELD LH (MANUAL SEAT) (SEE PAGE 72-22)**
8. **REMOVE SLIDE & VERTICAL POWER SEAT SWITCH KNOB (POWER SEAT)**
(SEE PAGE 72-12)
9. **REMOVE RECLINING POWER SEAT SWITCH KNOB (POWER SEAT) (SEE PAGE 72-12)**
10. **REMOVE FRONT SEAT CUSHION SHIELD ASSY (POWER SEAT)**
 - (a) Remove the 5 screws and the front seat cushion shield assy.



11. REMOVE SEAT SLIDE POSITION SENSOR PROTECTOR

- (a) Remove the seat slide position sensor protector from the seat position airbag sensor.

12. REMOVE SEAT POSITION AIR BAG SENSOR

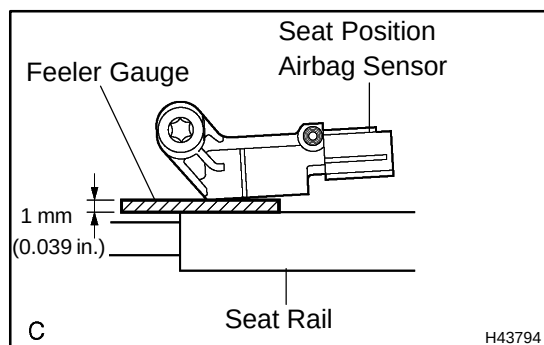
- (a) Disconnect the connector from the seat position airbag sensor.
- (b) Using a torx® socket wrench (T30), remove the torx® screw and the seat position airbag sensor.

13. INSTALL SEAT POSITION AIR BAG SENSOR

- (a) Check that the ignition switch is off.
- (b) Check that the battery negative (-) terminal is disconnected.

CAUTION:

After removing the terminal, wait for at least 90 seconds before starting the operation.



- (c) Using a feeler gauge 1 mm (0.039 in.), install the seat position airbag sensor.

NOTICE:

- If the seat position airbag sensor has been dropped, or there are any cracks, dents or other defects in the case or connector, replace the seat position airbag sensor with a new one.
- When installing the seat position airbag 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 airbag sensor and the seat rail is within 0.6 mm (0.023 in.) to 2 mm (0.079 in.).

- (d) Using a torx[®] socket wrench (T30), tighten the torx[®] screw to install the seat position airbag sensor.

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

- (e) Make sure that a clearance between the seat position airbag sensor and the seat rail is within 0.6 mm (0.023 in.) to 2 mm (0.079 in.).
- (f) Check that there is no looseness in the installation parts of the seat position airbag sensor.
- (g) Connect the connector to the seat position airbag sensor.

14. INSTALL SEAT SLIDE POSITION SENSOR PROTECTOR**15. INSTALL FRONT SEAT CUSHION SHIELD ASSY (POWER SEAT)****16. INSTALL RECLINING POWER SEAT SWITCH KNOB (POWER SEAT)**
(SEE PAGE 72-12)**17. INSTALL SLIDE & VERTICAL POWER SEAT SWITCH KNOB (POWER SEAT)**
(SEE PAGE 72-12)**18. INSTALL FRONT SEAT CUSHION SHIELD LH (MANUAL SEAT) (SEE PAGE 72-22)****19. INSTALL VERTICAL ADJUSTING HANDLE NO.2 (MANUAL SEAT) (SEE PAGE 72-22)****20. INSTALL VERTICAL SEAT ADJUSTER KNOB CAP (MANUAL SEAT) (SEE PAGE 72-22)****21. INSTALL RECLINING ADJUSTER RELEASE HANDLE LH (MANUAL SEAT)**
(SEE PAGE 72-22)**22. INSTALL FRONT LH SEAT ASSY**
(SEE PAGE 72-12 (POWER SEAT) OR 72-22 (MANUAL SEAT))**23. CONNECT CABLE TO NEGATIVE BATTERY TERMINAL****24. INSPECT SRS WARNING LIGHT (SEE PAGE 05-770)**

REPLACEMENT

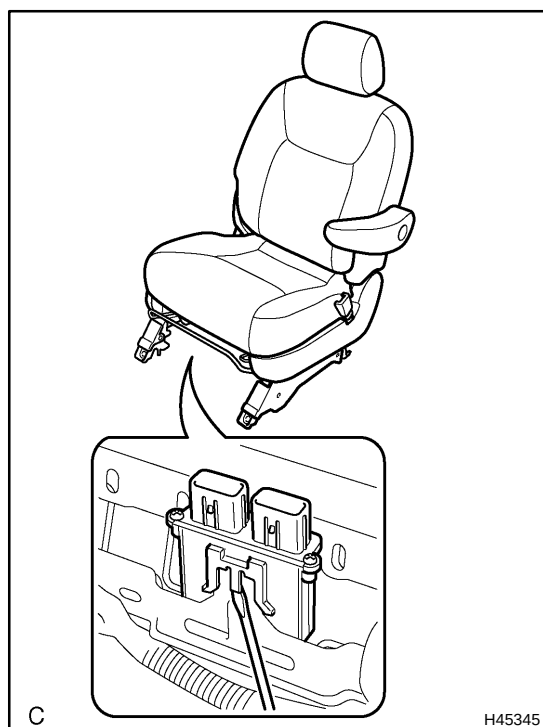
1. PRECAUTION (SEE PAGE 60-1)

2. DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL

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

3. REMOVE FRONT RH SEAT ASSY

(SEE PAGE 72-12 (POWER SEAT) OR 72-22 (MANUAL SEAT))



4. REMOVE OCCUPANT CLASSIFICATION ECU

- (a) Disconnect the 2 connectors from the occupant classification ECU.
- (b) Using a screwdriver, remove the occupant classification ECU.

5. INSTALL OCCUPANT CLASSIFICATION ECU

- (a) Check that the ignition switch is off.
- (b) Check that the battery negative (-) terminal is disconnected.

CAUTION:

After removing the terminal, wait for at least 90 seconds before starting the operation.

- (c) Install the occupant classification ECU.
- (d) Connect the 2 connectors to the occupant classification ECU.

NOTICE:

- If the occupant classification ECU has been dropped, or there are cracks, dents or other defects in the case or connector, replace it 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.
6. INSTALL FRONT RH SEAT ASSY
(SEE PAGE 72-12 (POWER SEAT) OR 72-22 (MANUAL SEAT))
 7. CONNECT CABLE TO NEGATIVE BATTERY TERMINAL
 8. INSPECT SRS WARNING LIGHT (SEE PAGE 05-770)