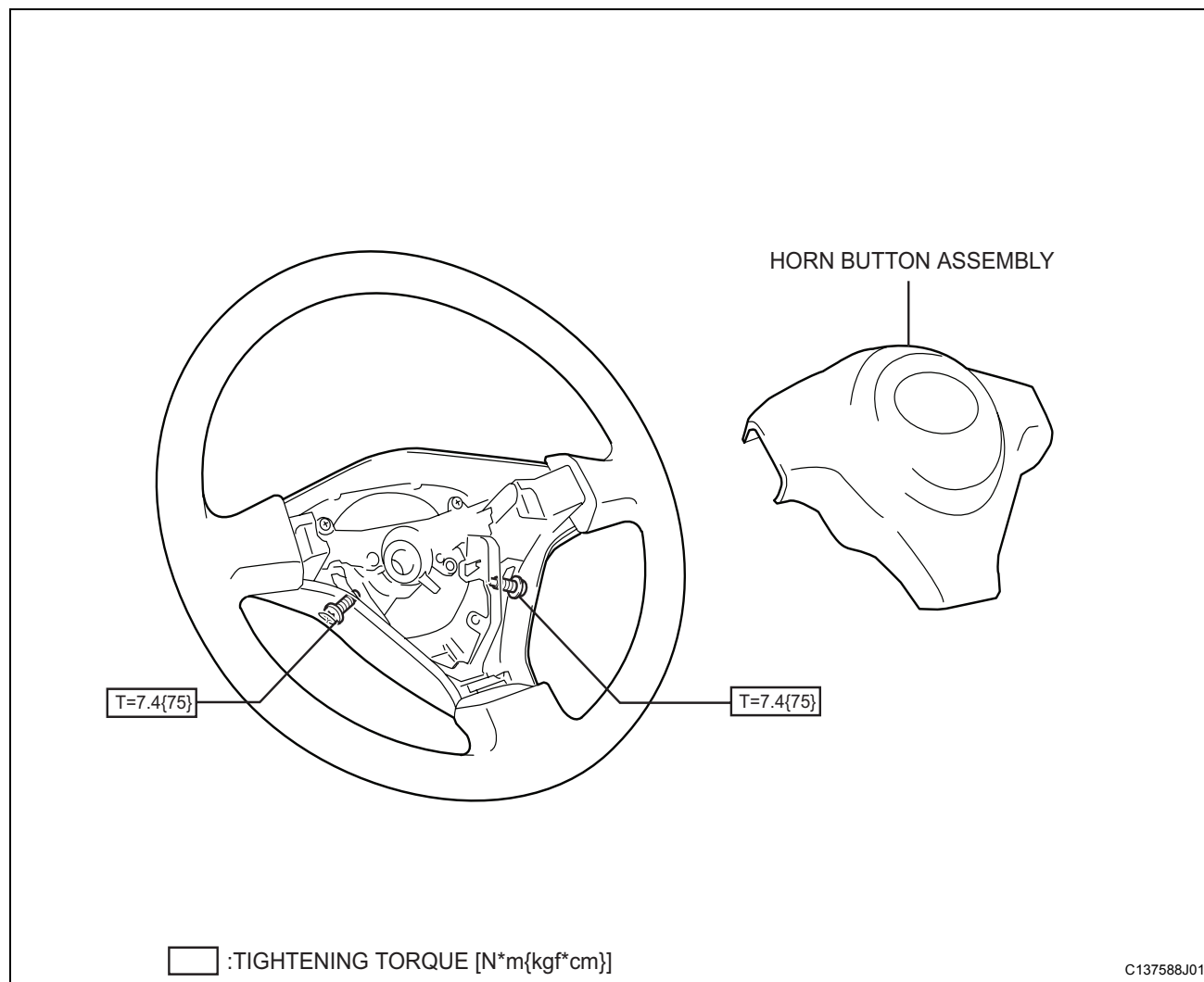


HORN BUTTON ASSEMBLY

COMPONENTS

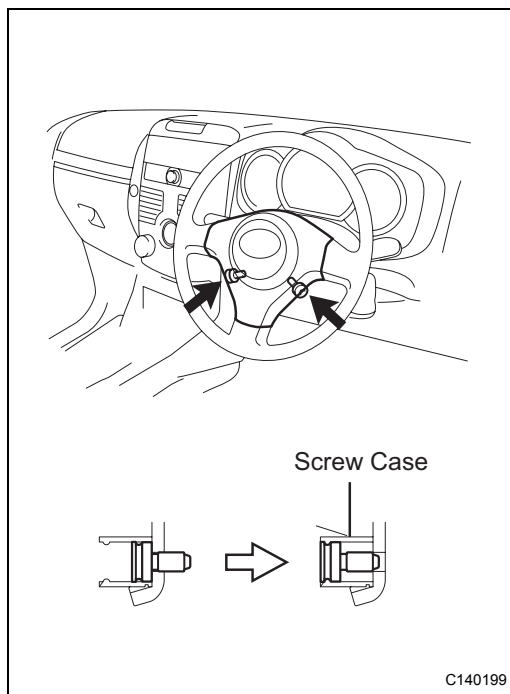


REMOVAL

1. **HANDLING AND OPERATING PRECAUTIONS**
(See page RS-164.)
2. **DISCONNECT BATTERY NEGATIVE TERMINAL**
(See page RS-164.)

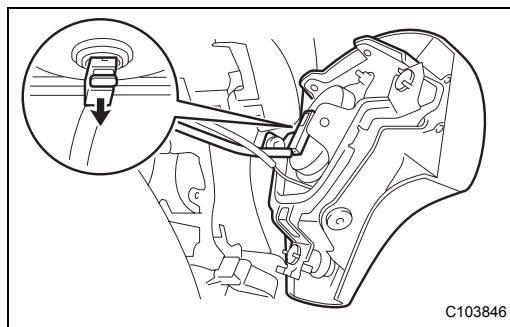


RS



3. REMOVE HORN BUTTON ASSEMBLY

- (a) Using a T30 torx wrench, loosen the 2 torx bolts until they spin freely.
- (b) Using needle-nose pliers, pull out the 2 torx bolts.

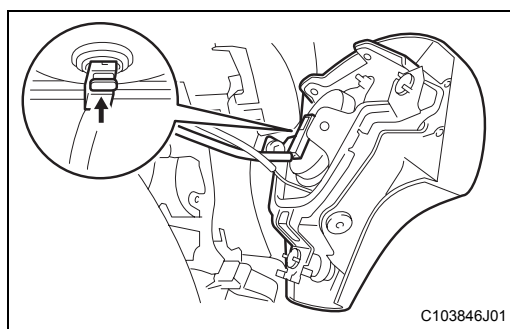


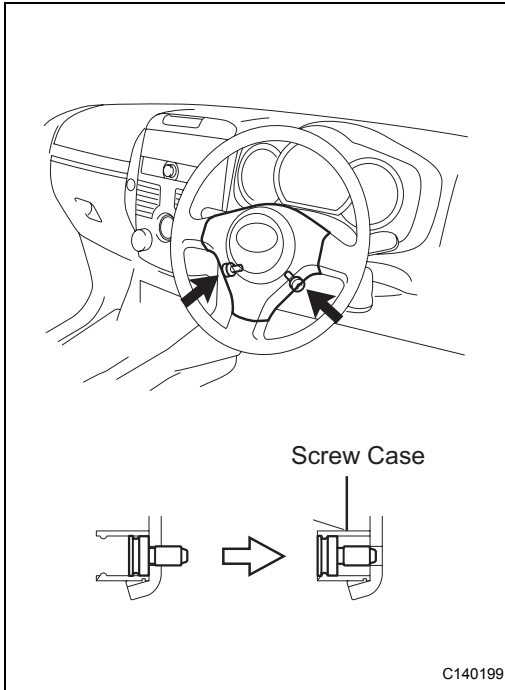
- (c) Pull the horn button assembly out towards the rear of the vehicle.
- (d) Using a screwdriver with its tip wrapped in protection tape, release the lock of the airbag connector and then disconnect the connector.
- (e) Disconnect the horn connector and remove the horn button assembly.

INSTALLATION

4. INSTALL HORN BUTTON ASSEMBLY

- (a) Connect the horn connector to the horn button assembly.
- (b) Connect the airbag connector to the horn button assembly and lock it securely in place.





- (c) Using a torx socket wrench (T30), install the horn button assembly to the steering wheel with the 2 torx bolts.

Torque: 7.4 N*m (75 kgf*cm)

5. **CONNECT BATTERY NEGATIVE TERMINAL**
6. **INSPECT AIRBAG WARNING LIGHT** (See page RS-1)
7. **PERFORM INITIALIZATION**
(See page RS-164.)

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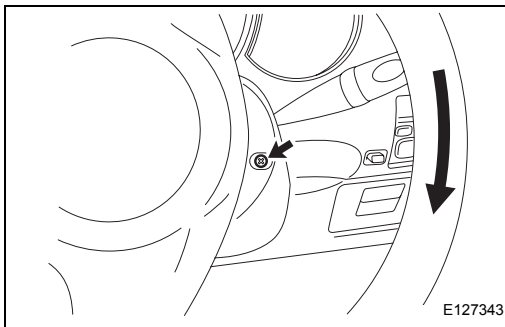
DISPOSAL

1. **DISPOSE OF HORN BUTTON ASSEMBLY (WHEN INSTALLED IN VEHICLE)**

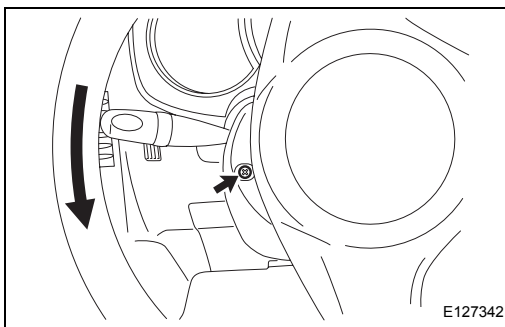
SST 09082-00780, 09082-87710

CAUTION:

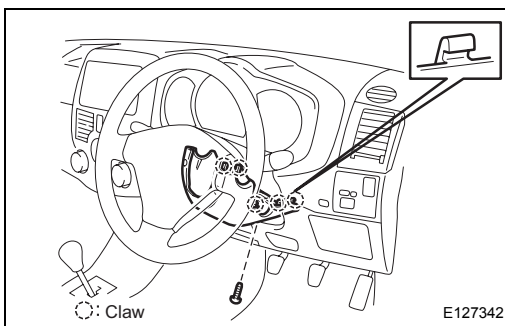
- Conduct this work outside in a level location where safety can be assured. Avoid conducting this work in residential areas.
- As this work is quite noisy, make it known to all people in the surrounding areas before proceeding.



- (a) Remove the steering column lower cover.
- (1) Turn the steering wheel assembly 90 to the right and remove the screw on the front surface of the steering column lower cover.

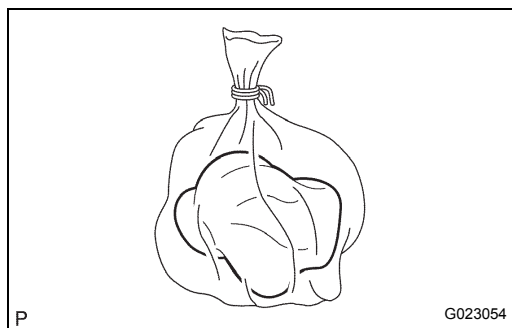
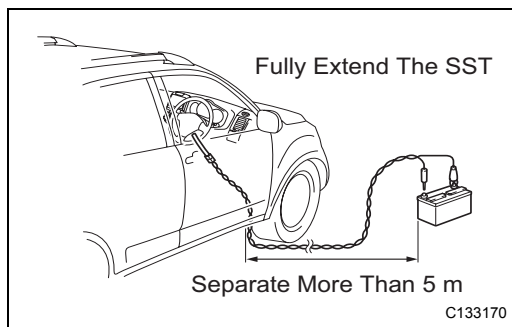
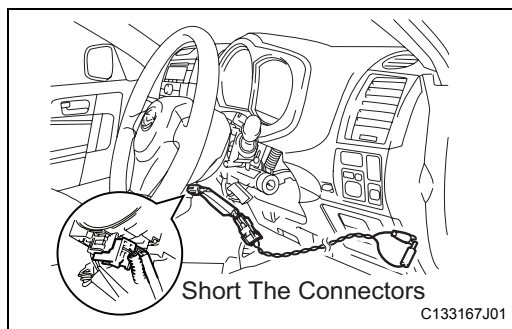


- (2) Turn the steering wheel assembly 90 to the left and remove the screw on the front surface of the steering column cover lower.



- (3) Remove the screw, disengage the claw and remove the steering column lower cover.
- (4) Disconnect the negative battery terminal. (See page RS-164.)
- (5) Disconnect the airbag connector from the spiral cable.

RS



(b) Deploy the airbag (horn button assembly).

(1) Connect the following 2 SSTs at the same time.

SST 09082-00780

(2) Short circuit the SST alligator clip and terminal.

(3) Connect the SST and airbag connector (4P yellow) and lock it securely in place.

CAUTION:

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

NOTICE:

Securely lock the SST connectors in place.

(4) Extend the SST as far as possible so that the battery is placed 5 m or more away from the vehicle.

CAUTION:

Close all the doors and windows.

(5) Check that the interior and the surrounding area of the vehicle are safe and then attach the alligator clip of the SST to the negative battery terminal.

(6) Connect the SST terminal to the positive battery terminal and deploy the airbag (horn button assembly).

CAUTION:

- **Before proceeding, check that no one is inside or near the vehicle.**
- **Before proceeding, call out in a loud voice to warn anyone near the vehicle for scrapping.**

(c) Procedure for airbag (horn button assembly) disposal.

(1) Place the deployed airbag (horn button assembly) in a strong, transparent plastic bag, tie it tightly and dispose of it.

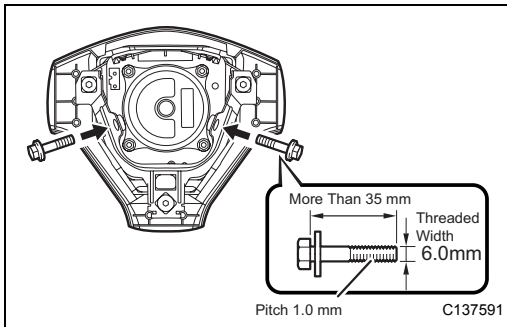
CAUTION:

- **As parts of the airbag (horn button assembly) may reach a temperature of several hundreds of degrees Celsius when it is deployed, do not touch it for at least 30 minutes after deployment.**
- **Never apply water to an airbag (horn button assembly) that has been deployed.**
- **Use dust-proof safety glasses and gloves when handling an airbag (horn button assembly) that has been deployed.**
- **Do not dispose of an airbag (horn button assembly) that has not been deployed.**
- **After completing the work, always wash your hands with water.**

2. DISPOSE OF HORN BUTTON ASSEMBLY (WHEN NOT INSTALLED IN VEHICLE)

CAUTION:

- **Conduct this work outside in a level location where safety can be assured. Avoid conducting this work in residential areas.**
- **As this work is quite noisy, make it known to all people in the surrounding areas before proceeding.**



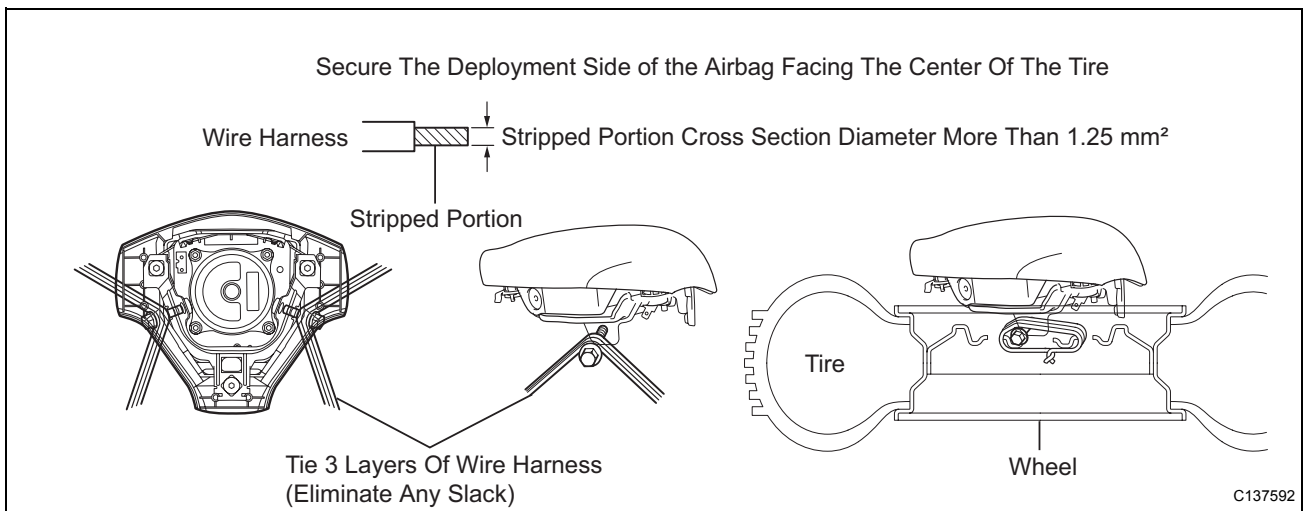
(a) SECURE HORN BUTTON ASSEMBLY

- (1) Insert 2 bolts with plate washers into the 2 horn button assembly installation holes and tighten firmly by hand.
- (2) Connect the following 2 SSTs at the same time.
SST 09082-00802 (09082-10801, 09082-30801)
- (3) Connect the SSTs to the airbag (horn button assembly) and lock them securely in place.

NOTICE:

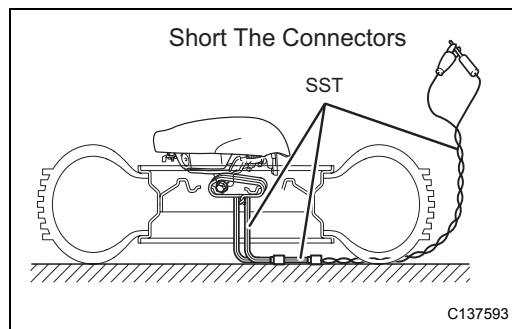
- Match the part color of the SST connector with the color of the connecting part of the horn button assembly connector and attach them.
- Securely lock the SST connectors in place.

- (4) Pass the SSTs through the disc wheel and use a wire harness (core wire area: 1.25 mm² or more) to fix the horn button assembly to the disc wheel.

**CAUTION:**

- Strictly adhere to the instructions for the following 2 items. If the instructions are not followed, the airbag may deploy or the tire could be blown off, resulting in serious injury.
- Tightly wind the wire harness 3 times and make sure that there is no slack as the wire harness is subjected to a force of approximately 1 ton when the airbag (horn button assembly) is deployed.
- Always tie down the airbag (horn button assembly) with the deployment side facing upward, as shown in the illustration.

RS



(b) Deploy the airbag (horn button assembly).

- (1) Short circuit the SST alligator clip and terminal.

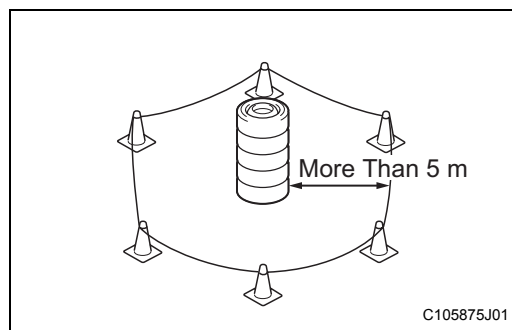
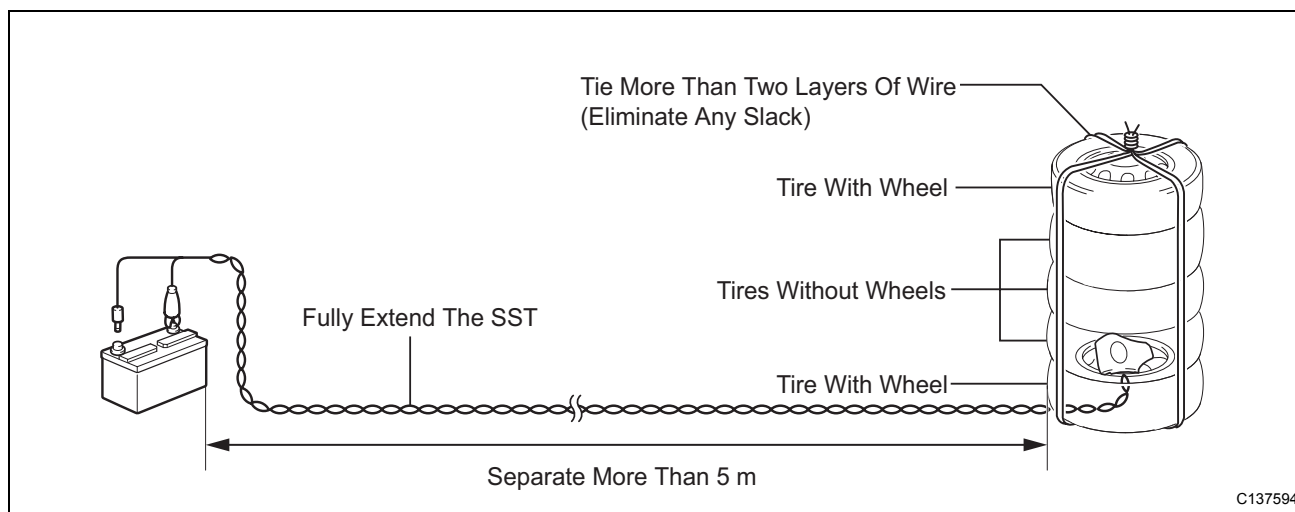
SST 09082-00711

- (2) Connect the SST from the lower side of the disc wheel to the SST connected to the airbag (horn button assembly).
- (3) Stack 3 or more tires on top of the disc wheel that the horn assembly is tied to and then place a tire with a disc wheel on top, as shown in the illustration.
- (4) Tie the tires together by tightly wrapping a wire of 1.8 mm diameter or more (normal steel wire for general use: equivalent to JIS SWM-B) around them 2 or more times, making sure there is no slack.

NOTICE:

Make sure that after the tires are fixed together they are capable of withstanding a load of 1 ton or more.

- (5) Extend the SST as far as possible away from the airbag (horn button assembly) so that the battery is placed 5 m or more away from the tires.



- (6) Cordon off an area with a radius of 5 m from the outside edge of the tires with pylons and rope or similar to prevent people from getting any closer.
- (7) Check that the surroundings are safe and then attach the alligator clip of the SST to the negative battery terminal.

CAUTION:

- Conduct this work outside in a level location where safety can be assured. Avoid conducting this work in residential areas.
- As this work is quite noisy, make it known to all people in the surrounding areas before proceeding.

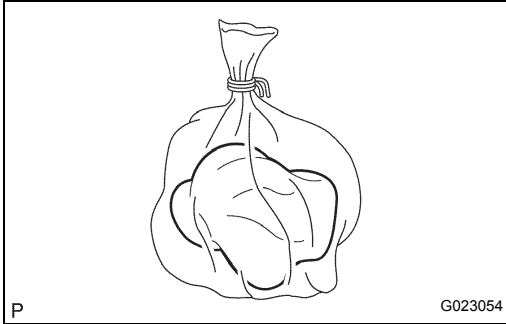
- (8) Connect the SST terminal to the positive battery terminal and deploy the airbag (horn button assembly).

CAUTION:

- Before proceeding, check that no one is nearby.
- Before activating pretensioners, call out in a loud voice to warn anyone in or near the work area.

HINT:

Note that the heat generated by the inflator when the airbag is deployed once will melt the connector of the SST (wire C) that is directly connected to the inflator.



(c) Procedure for airbag (horn button assembly) disposal.

- (1) Place the deployed airbag (horn button assembly) in a strong, transparent plastic bag, tie it tightly and dispose of it.

CAUTION:

- As parts of the airbag (horn button assembly) may reach a temperature of several hundreds of degrees Celsius when it is deployed, do not touch it for at least 30 minutes after deployment.
- Never apply water to an airbag (horn button assembly) that has been deployed.
- Use dust-proof safety glasses and gloves when handling an airbag (horn button assembly) that has been deployed.
- Never dispose of an airbag (horn button assembly) that has not been deployed.
- After completing the work, always wash your hands with water.

RS