

INSPECTION ITEMS AND REPLACEMENT REQUIREMENTS

If a vehicle is brought in for an airbag system inspection, or if a vehicle which has been involved in a collision is inspected, perform the inspection in accordance with the following procedure. If any problems are discovered, replace the affected part with a new one.

Steering Wheel Pad (with Airbag), Steering Wheel and Spiral Cable

INSPECTION ITEMS

1. VEHICLES NOT INVOLVED IN A COLLISION

- (a) Perform a diagnostic system check (See page [AB-29](#)).
- (b) Perform a visual check which includes the following items with the steering wheel pad (with airbag) installed in the vehicle.
- Check for cuts, minute cracks or marked discoloration of the steering wheel pad top surface and grooved portion.

2. VEHICLES INVOLVED IN A COLLISION (IF THE AIRBAG IS NOT DEPLOYED)

- (a) Perform a diagnostic system check (See page [AB-29](#)).
- (b) Perform a visual check which includes the following items with the steering wheel pad (with airbag) removed from the vehicle.
- Check for cuts or cracks in, or marked discoloration of the steering wheel pad top surface and grooved portion.
 - Check for cuts and cracks in, or chipping of connectors and wire harnesses.
 - Check for deformation of the horn button contact plate of the steering wheel.

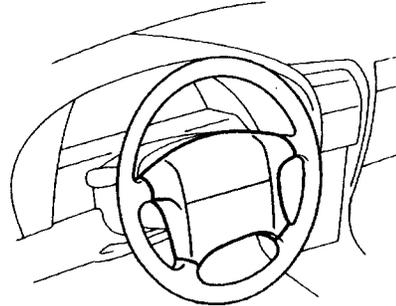
HINT:

- If the horn button contact plate of the steering wheel is deformed, never repair it. Always replace the steering wheel with a new one.
- There should be no interference between the steering wheel pad and the steering wheel, and the clearance should be uniform all the way around when the new steering wheel pad is installed on the steering wheel.

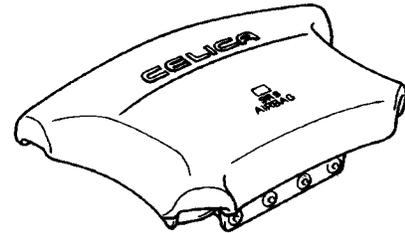
CAUTION: For removal and installation of the steering wheel pad, see page [AB-15](#), "REMOVAL AND INSTALLATION" and be sure to follow the correct procedure.

(IF THE AIRBAG IS DEPLOYED)

- (a) Perform a diagnostic system check (See page [AB-29](#)).
- (b) Perform a visual check which includes the following items with the steering wheel pad (with airbag) removed from the vehicle.
- Check for deformation of the horn button contact plate of the steering wheel.
 - Check for damage to the spiral cable connector and wire harness.

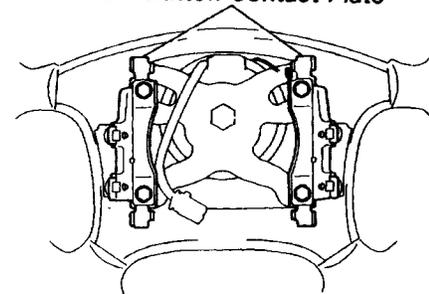


AB0149

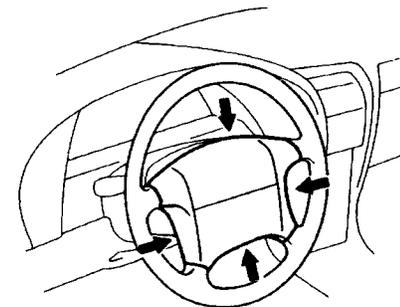


AB0207

Horn Button Contact Plate



AB0202



AB0149

HINT;

- If the horn button contact plate of the steering wheel is deformed, never repair it. Always replace the steering wheel with a new one.
- There should be no interference between the steering wheel pad and the steering wheel, and the clearance should be uniform all the way around when the new steering wheel pad is installed on the steering wheel.

REPLACEMENT REQUIREMENTS

In the following cases, replace the steering wheel pad, steering wheel or spiral cable.

CAUTION: For replacement of the steering wheel pad, see page [AB-15](#), "REMOVAL AND INSTALLATION" and be sure to follow the correct procedure.

- If the airbag has been deployed.
- If the steering wheel pad or spiral cable has been found to be faulty in troubleshooting.
- If the steering wheel pad, steering wheel or spiral cable has been found to be faulty during the check in item 1. – (b) or 2. – (b).
- If the steering wheel pad has been dropped.

Front Airbag Sensor**INSPECTION ITEMS****1. VEHICLES NOT INVOLVED IN A COLLISION**

- Perform a diagnostic system check (See page [AB-29](#)).

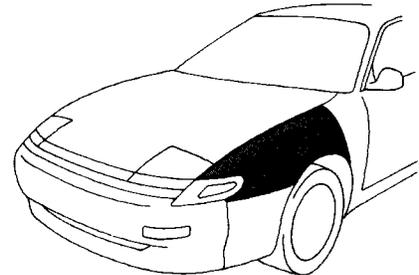
2. VEHICLES INVOLVED IN A COLLISION

- (a) Perform a diagnostic system check (See page [AB-29](#)).

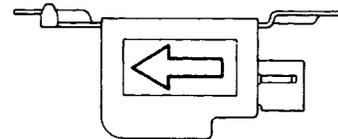
(b) If the front fender of the car or its periphery is damaged, perform visual check for damage to the front airbag sensor, which includes the following items even if the airbag was not deployed:

- Bracket deformation.
- Peeling of paint from the bracket.
- Cracks, dents or chips in the case.
- Cracks and dents in, or chipping and scratches of
- Peeling off of the label or damage to the series number.

Also refer to the body dimension drawings on page [BO-73](#) and check the dimensions and mounting surface angle of the body area where the front airbag sensors are mounted, (The airbag may malfunction, or may not work, if the mounting angle or dimensions of the sensor mount are not correct.)



AB0203



AB0018

REPLACEMENT REQUIREMENTS

In the following cases, replace the front airbag sensor.

NOTICE: For replacement of the front airbag sensor, see page AB-17, "REMOVAL AND INSTALLATION".

- If the airbag has been deployed in a collision.
(Replace both the left and right airbag sensors.)
- If the front airbag sensor has been found to be faulty in troubleshooting.
- If the front airbag sensor has been found to be faulty during the check in item 2. – (b).
- If the front airbag sensor has been dropped.

Center Airbag Sensor Assembly INSPECTION ITEMS

1. VEHICLES NOT INVOLVED IN A COLLISION

- Perform a diagnostic system check (See page AB-29).

2. VEHICLES INVOLVED IN A COLLISION

(IF THE AIRBAG IS NOT DEPLOYED)

- Perform a diagnostic system check (See page AB-29).

(IF THE AIRBAG IS DEPLOYED)

- Perform a diagnostic system check (See page AB-29).
- Check the following items in the center airbag sensor assembly:

- Deformation of the bracket or case.
- Vinyl seat broken.
- Damage to the connector.

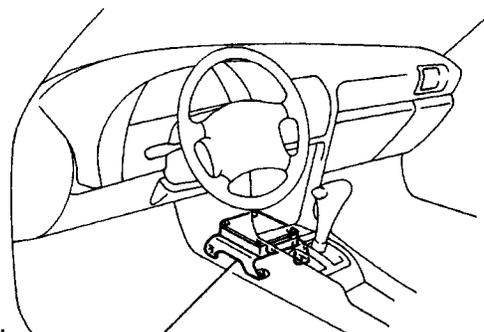
NOTICE: If the center airbag sensor assembly interferes with any other parts, perform a check after repairs.

REPLACEMENT REQUIREMENTS

In the following cases, replace the center airbag sensor assembly.

NOTICE: For replacement of the center airbag sensor assembly, see page AB-19, "REMOVAL AND INSTALLATION".

- If the center airbag sensor assembly has been found to be faulty in troubleshooting.
- If the center airbag sensor assembly has been found to be faulty during the check in item 2. – (b).
- If the center airbag sensor assembly has been dropped.

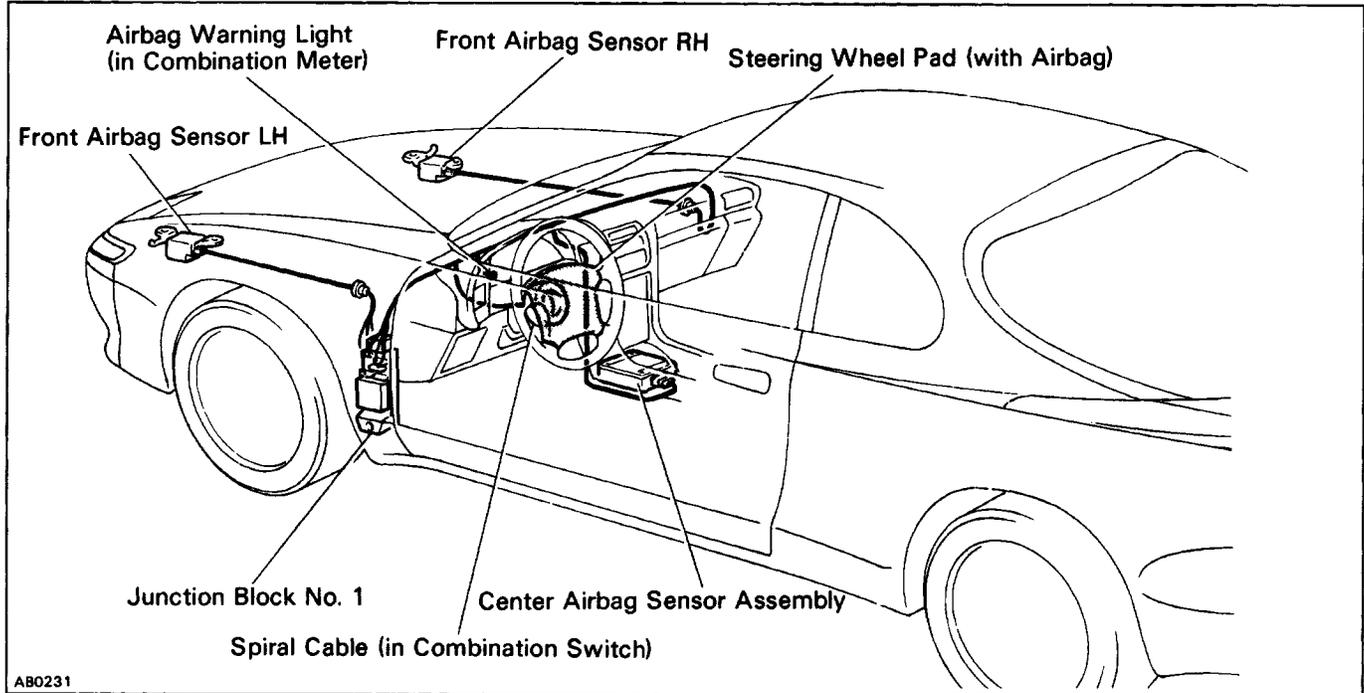


Center Airbag Sensor Assembly

AB0180

Wire Harness and Connector

HINT: The airbag system wire harness is integrated with the cowl wire harness assembly. The wires for the airbag wire harness are encased in a yellow corrugated tube and all the connectors in the system are a standard yellow color.



INSPECTION ITEMS

1. VEHICLES NOT INVOLVED IN A COLLISION

- Perform a diagnostic system check (See page [AB-29](#)).

2. VEHICLES INVOLVED IN A COLLISION

- (a) Perform a diagnostic system check (See page [AB-29](#)).
- (b) If there is a break in any of the wires in the airbag system wire harness, or if conductors are exposed.
- (c) If the airbag system wire harness connectors are cracked or chipped.

REPLACEMENT REQUIREMENTS

In the following cases, replace the wire harness or connector.

- If any part of the airbag system wire harness or any connector has been found to be faulty in troubleshooting.
 - If any part of the airbag system wire harness or any connector has been found to be faulty during the check in item
2. – (b) or (c).

NOTICE: If the wire harness used in the airbag system is damaged, replace the whole wire harness assembly.

When the connector to the front airbag sensors can be repaired alone (when there is no damage to the wire harness), use the repair wire specially designed for the purpose (See page [AB-21](#)).