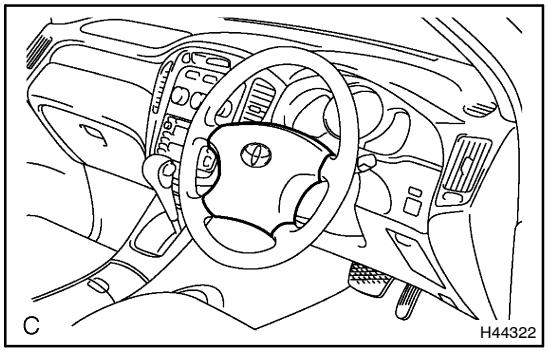
600TA–01

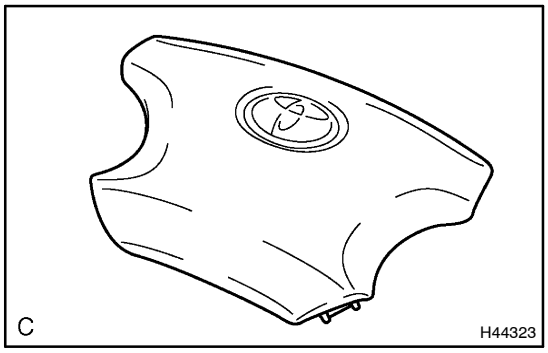
ON–VEHICLE INSPECTION



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

(a) Perform a diagnostic system check (see page 05–513).

(b) With the horn button assy installed on the vehicle, perform a visual check including the following:
Cuts, minute cracks or marked discoloration on the horn button assy top surface and in the grooved portion.

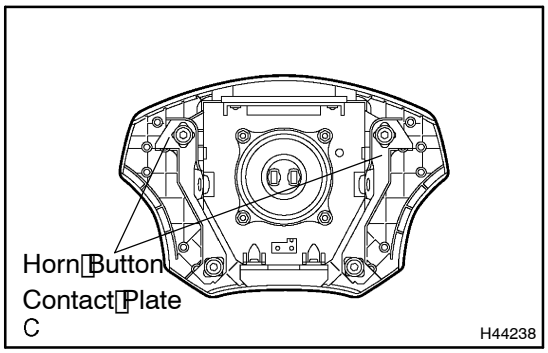


2. HORN BUTTON ASSY (VEHICLE INVOLVED IN COLLISION AND AIRBAG IS NOT DEPLOYED)

(a) Perform a diagnostic system check (see page 05–513).

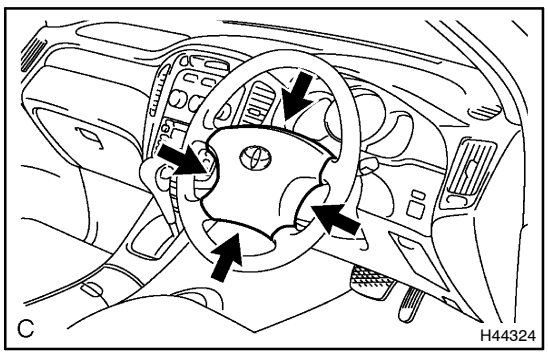
(b) With the horn button assy removed from the vehicle, perform a visual check including the following:

- Cuts, minute cracks or marked discoloration on the horn button assy top surface and 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.



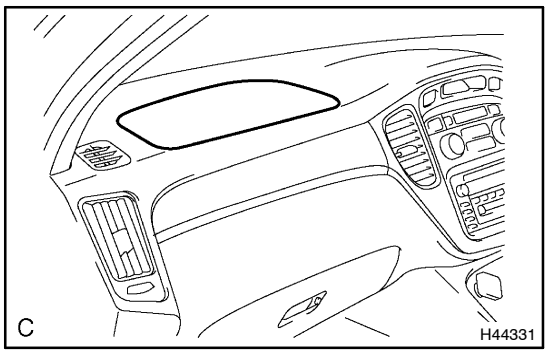
HINT:

- If the horn button contact plate of the horn button assy is deformed, never repair it. Always replace the horn button assy with a new one.



- 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.

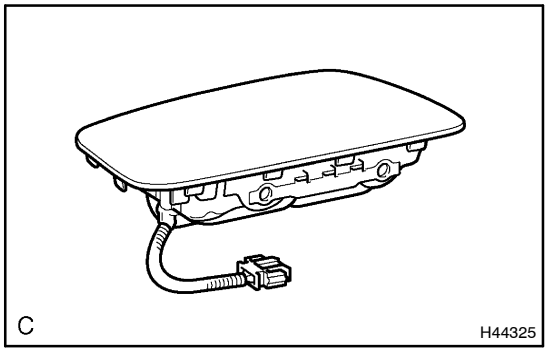
CAUTION:
For removal and installation procedures of the horn button assy, see "Replacement" on page 60–15, and be sure to follow the correct procedure.



3. FRONT PASSENGER AIRBAG ASSY (VEHICLE NOT INVOLVED IN COLLISION)

(a) Perform a diagnostic system check (see page 05–513).

(b) With the front passenger airbag assy installed on the vehicle, perform a visual check including the following:
Cuts, minute cracks or marked discoloration on the instrument panel around the front passenger airbag assy.

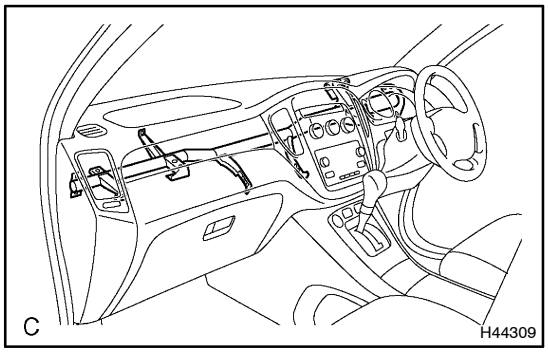


4. FRONT PASSENGER AIRBAG ASSY (VEHICLE INVOLVED IN COLLISION AND AIRBAG IS NOT DEPLOYED)

(a) Perform a diagnostic system check (see page 05–513).

(b) With the front passenger airbag assy removed from the vehicle, perform a visual check including the following:

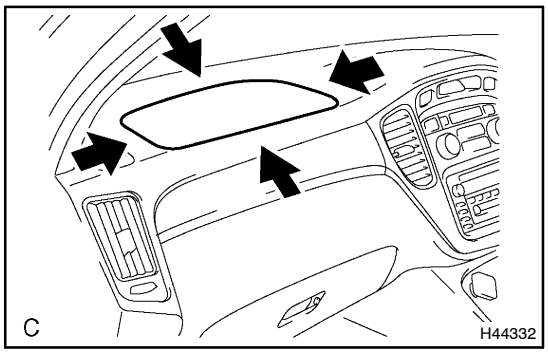
- Cuts, minute cracks or marked discoloration on the front passenger airbag assy.
- Cracks or other damage to the connector.



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

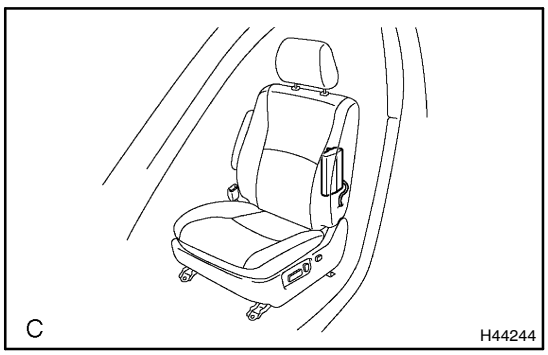
HINT:

- If the instrument panel or instrument panel reinforcement is deformed or cracked, never repair it. Always replace it with a new one.



- There should be no interference between the instrument panel and the front passenger airbag assy.

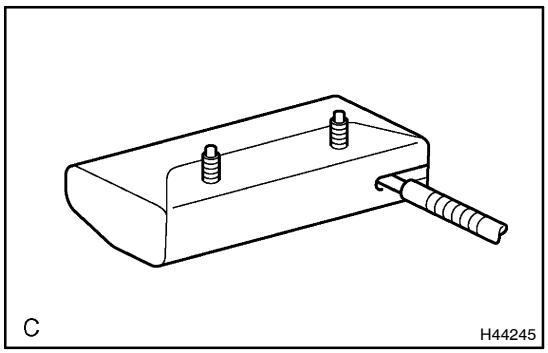
CAUTION:
For removal and installation procedures of the front passenger airbag assy, see "Replacement" on page 60–27, and be sure to follow the correct procedure.



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

(a) Perform a diagnostic system check (see page 05–513).

(b) With the front seat airbag assy installed on the vehicle, perform a visual check including the following:
Cuts, minute cracks or marked discoloration on the front seatback assy around the front seat airbag assy.

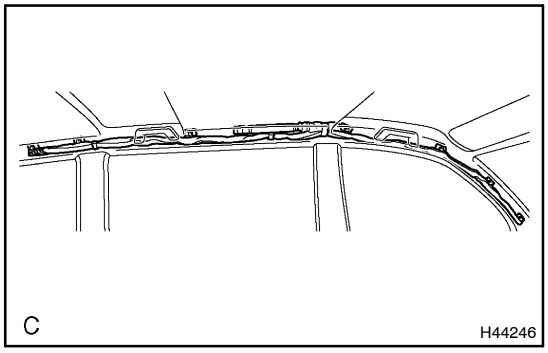


6. FRONT SEAT AIRBAG ASSY (VEHICLE INVOLVED IN COLLISION AND AIRBAG IS NOT DEPLOYED)

(a) Perform a diagnostic system check (see page 05–513).

(b) With the front seat airbag assy removed from the vehicle, perform a visual check including the following:

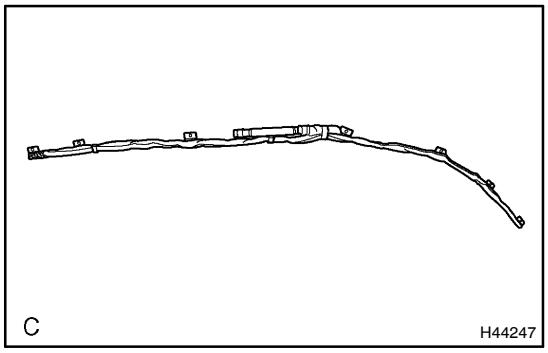
- Cuts, minute cracks or marked discoloration on the front seat airbag assy.
- Cracks or other damage to the wire harness or connector.



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

(a) Perform a diagnostic system check (see page 05–513).

(b) With the curtain shield airbag assy installed on the vehicle, perform a visual check including the following:
Cuts, minute cracks or marked discoloration on the front pillar garnish and 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 05–513).

(b) With the curtain shield airbag assy removed from the vehicle, perform a visual check including the following:
- Cuts, minute cracks or marked discoloration on the curtain shield airbag assy.
- Cracks or other damage to the connector.

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

(a) Perform a diagnostic system check (see page 05–513).

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

(a) Perform a diagnostic system check (see page 05–513).

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

(a) Replace the airbag sensor assy center (see page 60–51).

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 FRONT SENSOR (VEHICLE NOT INVOLVED IN COLLISION)

(a) Perform a diagnostic system check (see page 05–513).

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

(a) Perform a diagnostic system check (see page 05–513).

(b) When the front bumper of the vehicle or its periphery is damaged, check if there is any damage to the airbag front sensor. If there are any defects as mentioned below, replace the airbag front sensor 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.

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

(a) Replace the airbag front sensor (see page 60–53).

HINT:
The airbag front sensor on the impacted side should be replaced after the horn button assy or front passenger airbag assy has deployed.

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

(a) Perform a diagnostic system check (see page 05–513).

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

(a) Perform a diagnostic system check (see page 05–513).

(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.

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

(a) Replace the side airbag sensor assy (see page 60–55).

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 05–513).

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

(a) Perform a diagnostic system check (see page 05–513).

(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.

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

(a) Replace the airbag sensor rear (see page 60–57).

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 05–513).

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

(a) Perform a diagnostic system check (see page 05–513).

(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.

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

(a) Perform a diagnostic system check (see page 05–513).

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

(a) Perform a diagnostic system check (see page 05–513).

(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, cowl wire and floor wire.