| DTC | B1771 | Passenger Side Buckle Switch Circuit Malfunc- tion |
|-----|-------|---|
|-----|-------|---|

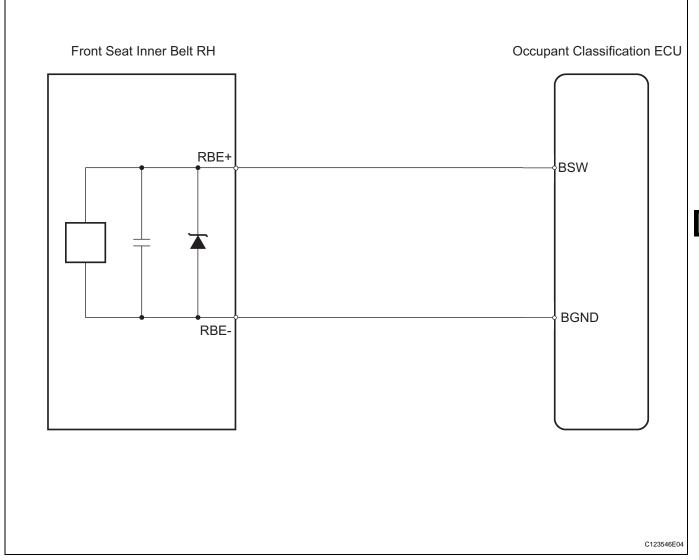
DESCRIPTION

The passenger side buckle switch circuit consists of the occupant classification ECU and the front seat inner belt RH.

DTC B1771 is recorded when a malfunction is detected in the passenger side buckle switch circuit. Troubleshoot DTC B1771 first when DTCs B1771 and B1795 are output simultaneously.

| DTC No. | DTC Detection Condition | Trouble Area |
|---------|---|--|
| B1771 | When one of following conditions is met: Occupant classification ECU detects line short signal, open signal, short to ground signal or short to B+ signal in the passenger side buckle switch circuit for 2 seconds Passenger side buckle switch malfunction Occupant classification ECU malfunction | Floor wire Front seat inner belt RH (Buckle switch RH) Occupant classification ECU |

WIRING DIAGRAM

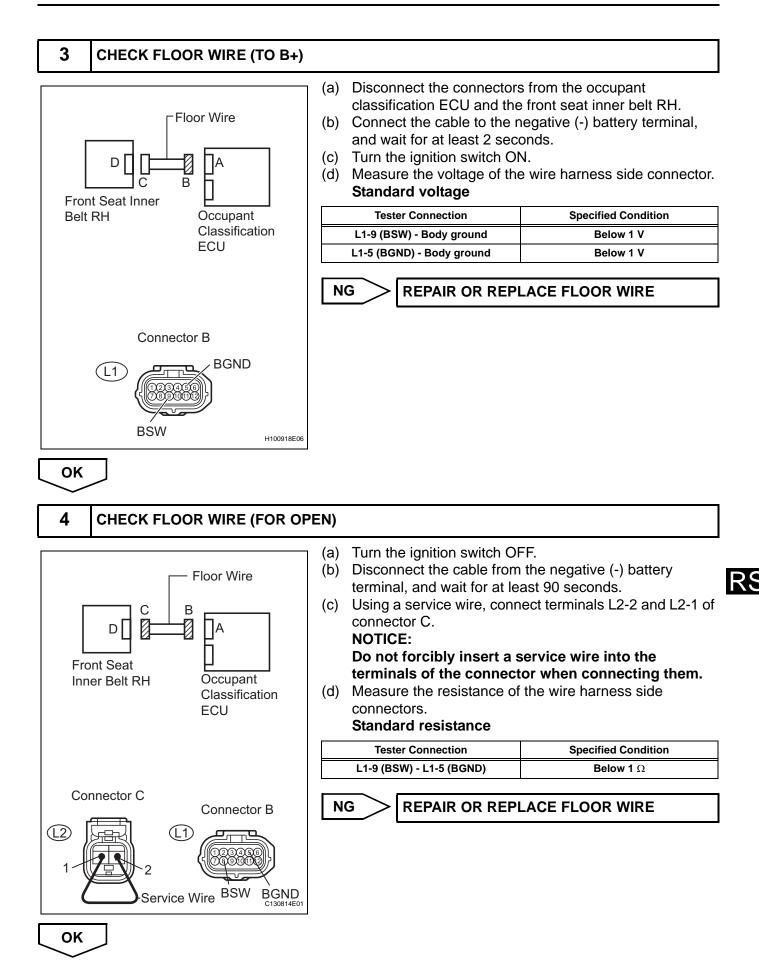


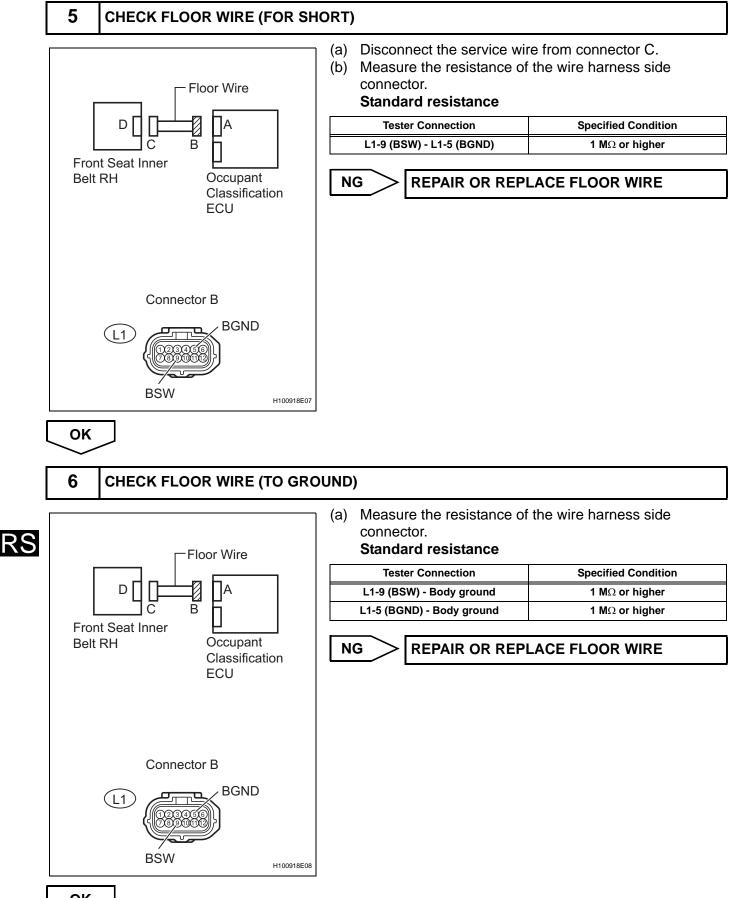
INSPECTION PROCEDURE

HINT:

- If troubleshooting (wire harness inspection) is difficult to perform, remove the front passenger seat installation bolts to see the undersurface of the seat cushion.
- In the above case, hold the seat so that it does not tip over. Holding the seat for a long period of time may cause a problem, such as seat rail deformation. Hold the seat up only for as long as necessary.

| 1 | CHECK FOR DTC |
|---|---|
| | (a) Turn the ignition switch ON. (b) Clear the DTCs (see page RS-249). HINT: First clear DTCs stored in the occupant classification ECU and then in the center airbag sensor. (c) Turn the ignition switch OFF. (d) Turn the ignition switch ON. (e) Check the DTCs (see page RS-249). OK: DTC B1771 is not output. HINT: DTCs other than DTC B1771 may be output at this time, but they are not related to this check. |
| 2 | CHECK CONNECTION OF CONNECTOR |
| 5 | (a) Turn the ignition switch OFF. (b) Disconnect the cable from the negative (-) battery terminal, and wait for at least 90 seconds. (c) Check that the connectors are properly connected to the occupant classification ECU and the front seat inner belt RH. OK: The connectors are properly connected. |
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| 7 CHECK FOR DTC | |
|-----------------|---|
| | (a) Connect the connectors to the occupant classification |
| | ECU and the front seat inner belt RH. |
| | (b) Connect the cable to the negative (-) battery terminal, |
| | and wait for at least 2 seconds. |
| | (c) Turn the ignition switch ON. |
| | (d) Clear the DTCs (see page RS-249). |
| | HINT: |
| | First clear DTCs stored in the occupant classification |
| | ECU and then in the center airbag sensor. (e) Turn the ignition switch OFF. |
| | (f) Turn the ignition switch ON. |
| | (g) Check the DTCs (see page RS-249). |
| | OK: |
| | DTC B1771 is not output. |
| | HINT: |
| | DTCs other than DTC B1771 may be output at this tim |
| | but they are not related to this check. |
| | OK VISE SIMULATION METHOD TO CHECK |
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