

SRS

DTC Troubleshooting - '00-02 Models

DTC 9-3: Faulty driver's seat belt buckle switch

1. Erase the DTC memory (see page 23-45).
2. Turn the ignition switch ON (II), then buckle and unbuckle the driver's seat belt several times.
3. Read the DTC.

Is DTC 9-3 indicated?

YES— Go to step 4.

NO— Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see page 23-45).

4. Check the No. 9 (7.5A) fuse in the driver's under-dash fuse/relay box.

Is the fuse blown?

YES— Go to step 5.

NO— Go to step 6.

5. Replace the No. 9 (7.5A) fuse in the under-dash fuse/relay box, and turn the ignition switch ON (II) for 30 seconds.

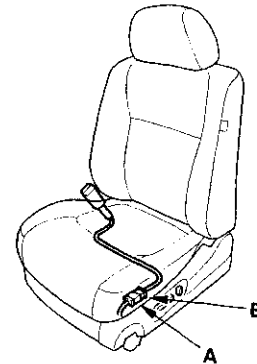
Did the fuse blow-out again?

YES— Locate and repair the short to ground on the No. 9 fuse circuit, and clear the DTC. ■

NO— Go to step 6.

6. Turn the ignition switch OFF.

7. Disconnect the driver's power seat wire harness 3P connector (with power seat) or left side wire harness 3P connector (without power seat) (A) from the driver's seat belt buckle switch 3P connector (B).

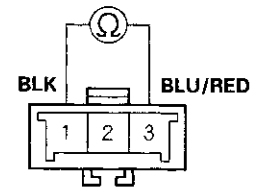


8. Buckle the driver's seat belt.

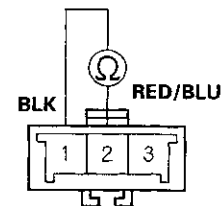
Check resistance between the No. 1 and No. 3 terminals of the driver's seat belt buckle switch 3P connector. There should be 0–1 Ω .

Check resistance between the No. 1 and No. 2 terminals of the same connector. There should be 1 M Ω or more.

DRIVER'S SEAT BELT BUCKLE SWITCH 3P CONNECTOR



Terminal side of male terminals



Terminal side of male terminals

Are the resistance readings as specified?

YES— Go to step 9.

NO— Replace the driver's seat belt buckle assembly, and clear the DTC. ■

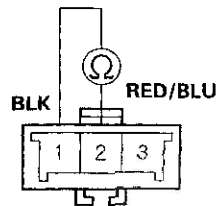


9. Unbuckle the driver's seat belt.

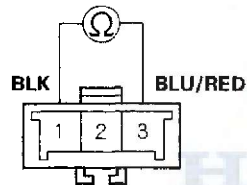
Check resistance between the No. 1 and No. 2 terminals of the driver's seat belt buckle switch 3P connector. There should be $0-1 \Omega$.

Check resistance between the No. 1 and No. 3 terminals of the same connector. There should be $1 M\Omega$ or more.

**DRIVER'S SEAT BELT BUCKLE SWITCH
3P CONNECTOR**



Terminal side of male terminals



Terminal side of male terminals

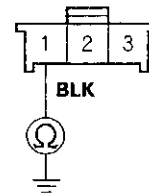
Are the resistance readings as specified?

YES – Go to step 10.

NO – Replace the driver's seat belt buckle assembly, and clear the DTC. ■

10. Check resistance between the No. 1 terminal of the driver's seat wire harness 3P connector and body ground. There should be $0-1 \Omega$.

**DRIVER'S SEAT
WIRE HARNESS 3P CONNECTOR**



Wire side of female terminals

Is the resistance as specified?

YES – Go to step 11.

NO – Open in the driver's seat wire harness or poor ground connection at G551. If G551 is OK, replace the faulty harness. ■

11. Turn the ignition switch ON (II).

Does the seat belt reminder stay on?

YES – Go to step 16.

NO – Go to step 12.

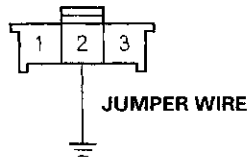
(cont'd)

SRS

DTC Troubleshooting - '00-02 Models (cont'd)

12. Connect No. 2 terminal of the driver's seat wire harness 3P connector to body ground with a jumper wire.

DRIVER'S SEAT
WIRE HARNESS 3P CONNECTOR



Wire side of female terminals

Does the seat belt reminder come on?

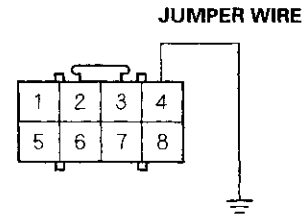
YES—Go to step 13.

NO—Open in the driver's seat wire harness, driver's under-dash fuse/relay box, or dashboard wire harness A. Isolate the faulty harness, and replace the harness or component as necessary. ■

13. Turn the ignition switch OFF, and disconnect the negative cable from the battery.
14. Disconnect all SRS unit connectors from the SRS unit, and reconnect the battery.

15. Connect the No. 4 terminal of SRS unit connector C (8P) to body ground with a jumper wire. Turn the ignition switch ON (II).

SRS UNIT CONNECTOR C (8P)



Wire side of female terminals

Does the seat belt reminder come on?

YES—Disconnect the jumper wire, then go to step 18.

NO—Open in dashboard wire harness A. Replace dashboard wire harness A. ■

16. Turn the ignition switch OFF, and disconnect the negative cable from the battery.
17. Disconnect SRS unit connector C (8P), reconnect the battery, and turn the ignition switch ON (II).

Does the seat belt reminder come on?

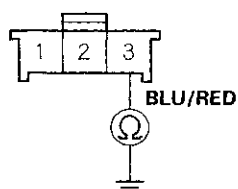
YES—Short to ground in the dashboard wire harness A, driver's under-dash fuse/relay box (without heated seat), driver's multiplex control unit (without heated seat), left side wire harness, driver's power seat wire harness (with power seat), or gauge assembly/circuit board. Replace the faulty harness or component. ■

NO—Replace the SRS unit (see page 23-296). ■



18. Turn the ignition switch OFF.
19. Check resistance between the No. 3 terminal of the driver's seat wire harness 3P connector and body ground. There should be 1 M Ω or more.

**DRIVER'S SEAT WIRE HARNESS
3P CONNECTOR**



Wire side of female terminals

Is the resistance as specified?

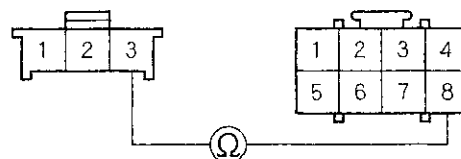
YES – Go to step 20.

NO – Short to ground in dashboard wire harness A, left side wire harness, or driver's seat wire harness. Replace the faulty harness. ■

20. Check resistance between the No. 8 terminal of the dashboard wire harness A 8P connector and the No. 3 terminal of the driver's power seat wire harness 3P connector (with power seat) or left side wire harness 3P connector (without power seat). There should be 0–1 Ω .

**DRIVER'S POWER
SEAT WIRE HARNESS
3P CONNECTOR**

**SRS UNIT
CONNECTOR C (8P)**



Wire side of female terminals

Is the resistance as specified?

YES – Replace the SRS unit. ■

NO – Open in the dashboard wire harness A, left side wire harness or driver's power seat wire harness (with power seat). Replace the faulty harness. ■