

Troubleshooting - '99 - 01 Models

DTC 9-3

CAUTION: Whenever the ignition switch is ON (II), or has been turned OFF for less than 3 minutes, be careful not to bump the SRS unit or the side impact sensor; the airbags could accidentally deploy and cause damage or injuries.

Check for good connections:

1. Check the connections at the between the driver's seat belt buckle switch 3P and left side wire harness 3P connectors, and between the left side wire harness 14P and main wire harness 14P connectors, and between the main wire harness 8P and SRS main harness 8P connectors, and SRS main harness 18P connectors.

Are the connections OK?

YES

NO

Poor contact; reconnect the affected connector(s) securely.

Check for a DTC:

1. Connect the driver's seat belt buckle switch.
2. Erase the DTC memory (see page [24-87](#)).
3. Read the DTC (see page [24-84](#)).

Is DTC 9-3 indicated?

YES

NO

Check for a DTC:

1. Disconnect the driver's seat belt buckle switch.
2. Erase the DTC memory (see page [24-87](#)).
3. Read the DTC (see page [24-84](#)).

Is DTC 9-3 indicated?

YES

NO

(A) To page [24-126](#)To page [24-121](#) (B)

(C)

(C)

Check for a DTC:

1. Disconnect the driver's seat belt buckle switch.
2. Erase the DTC memory (see page [24-87](#)).
3. Read the DTC (see page [24-84](#)).

Is DTC 9-3 indicated?

YES

NO

Intermittent failure, system is OK at this time. See Troubleshooting Intermittent Failures on page [24-87](#).

Check for a short to ground between the No. 13 (7.5 A) fuse in the under-dash fuse/relay box and the left side wire harness:

1. Disconnect the driver's tension reducer solenoid connector.
2. Erase the DTC memory (see page [24-87](#)).
3. Read the DTC (see page [24-84](#)).

Is the DTC 9-3 indicated?

YES

NO

(D) To page [24-124](#)

Check the No. 13 (7.5 A) fuse in the under-dash fuse/relay box (see page [24-92](#)):

Is the fuse OK?

YES

NO

Short to ground in the driver's tension reducer solenoid; replace the driver's tension reducer solenoid.

Short to ground in the No. 13 (7.5 A) fuse related circuit; refer to [section 23](#) and continue troubleshooting.



From page 24-120 (B)

(E)

Check for a short to ground between the left engine compartment wire harness and the dashboard wire harness:

1. Connect the driver's seat belt buckle switch.
2. Disconnect the dashboard wire harness 16P connector from the left side wire harness (see page 24-93).
3. Erase the DTC memory (see page 24-87).
4. Read the DTC (see page 24-84).

Is DTC 9-3 indicated?

YES

NO

(E)

Check the fuse:

Check the No. 13 (7.5 A) fuse in the under-dash fuse/relay box (see page 24-92).

Is the fuse OK?

YES

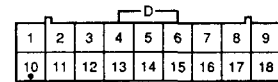
NO

Short to ground in the dashboard wire harness; refer to [section 23](#) and continue troubleshooting.

Short to ground in the No. 13 (7.5 A) fuse related circuit; refer to [section 23](#) and continue troubleshooting.

Check for a short to ground in the low line:

1. Disconnect the driver's tension reducer solenoid connector.
2. Disconnect the airbag connectors (see page 24-33).
3. Disconnect the SRS main harness 18P connector from the SRS unit (see page 24-92).
4. Check resistance between the No. 10 terminal of the SRS main harness 18P connector and body ground. There should be 1 MΩ or more.



Wire side of female terminals

Is the resistance as specified?

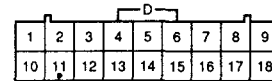
YES

NO

To page 24-123 (F)

Check for an open in the hot line:

1. Check resistance between the No. 11 terminal of the SRS main harness 18P connector and body ground. There should be 1 MΩ.



Wire side of female terminals

Is the resistance as specified?

YES

NO

Faulty SRS unit; replace the SRS unit.

To page 24-122 (G)

(cont'd)

Troubleshooting - '99 - 01 Models

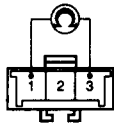
DTC 9-3 (cont'd)

From page 24-121 (G)

(H)

Check for an open in the driver's seat belt buckle switch:

1. Disconnect the driver's seat belt buckle switch 3P connector (see page 24-92).
2. Check resistance between the No. 1 and No. 3 terminals of the driver's seat belt buckle switch 3P connector. There should be 0 - 1.0 Ω .



Terminal side of male terminals

Is the resistance as specified?

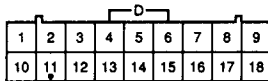
YES

NO

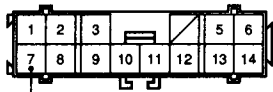
Faulty driver's seat belt buckle switch; replace the driver's seat belt inner buckle.

Check for an open between the SRS main harness and the main wire harness:

1. Disconnect the main wire harness 14P connector (see page 24-93).
2. Check resistance between the No. 11 terminal of the SRS main harness 18P connector and No. 7 terminal of the main wire harness 14P connector. There should be 0 - 1.0 Ω .



Wire side of female terminals



Terminal side of male terminals

Is the resistance as specified?

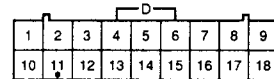
YES

NO

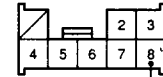
Open in the left side wire harness; replace the left side wire harness.

Check for an open in the SRS main harness:

1. Disconnect the SRS main harness 8P connector from the main wire harness (see page 24-93).
2. Check resistance between the No. 11 terminal of the SRS main harness 18P connector and No. 8 terminal of the SRS main harness 8P connector. There should be 0 - 1.0 Ω .



Wire side of female terminals



Wire side of female terminals

Is the resistance as specified?

YES

NO

Open in the main wire harness; replace the main wire harness.

Open in the SRS main harness; replace the SRS main harness.

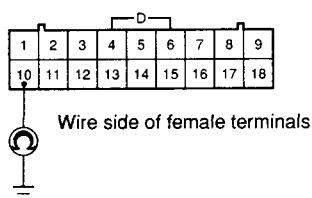


From page 24-121 (F)

(I)

Check for a short to ground in the low line:

1. Disconnect the front passenger's seat belt buckle switch 3P connector.
2. Check resistance between the No. 10 terminal of the SRS main harness 18P connector and body ground. There should be 1 M Ω or more.

**Is the resistance as specified?**

YES

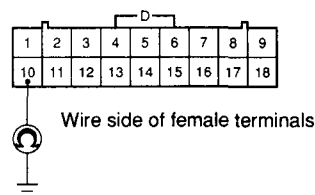
NO

Short to ground in the driver's seat belt buckle switch; replace the driver's seat belt inner buckle.

(I)

Check for a short to ground between the SRS main harness and the main wire harness:

1. Disconnect the left side wire harness 14P connector (see page 24-93).
2. Check resistance between the No. 10 terminal of the SRS main harness 18P connector and body ground. There should be 1 M Ω or more.

**Is the resistance as specified?**

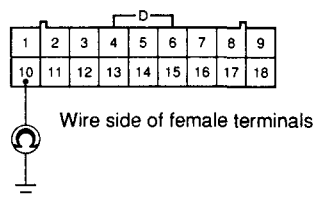
YES

NO

Short to ground in the left side wire harness; replace the left side wire harness.

Check for a short to ground in the SRS main harness:

1. Disconnect the main wire harness 8P connector from the SRS main harness (see page 24-93).
2. Check resistance between the No. 10 terminal of the SRS main harness 18P connector and body ground. There should be 1 M Ω or more.

**Is the resistance as specified?**

YES

NO

Short to ground in the main wire harness; replace the main wire harness.

Short to ground in the SRS main harness; replace the SRS main harness.

(cont'd)

Troubleshooting - '99 - 01 Models

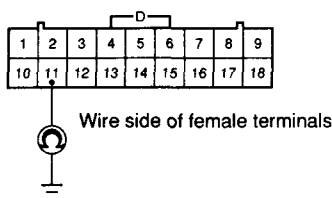
DTC 9-3 (cont'd)

(D) From page 24-120

(J)

Check for a short to ground in the hot line:

1. Disconnect the dashboard wire harness 16P connector from the left side wire harness 16P connector (see page 24-93).
2. Disconnect the airbag connectors (see page 24-33).
3. Disconnect the SRS main harness 18P connector from the SRS unit (see page 24-92).
4. Check resistance between the No. 11 terminal of the SRS main harness 18P connector and body ground. There should be 1 M Ω or more.



Is the resistance as specified?

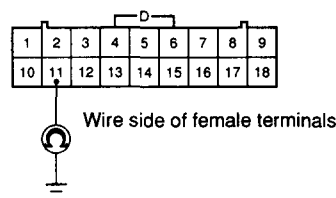
YES

NO

(J)

Check for a short to ground between the left side wire harness and the SRS main harness.

1. Disconnect the driver's seat belt buckle switch 3P connector (see page 24-92).
2. Check resistance between the No. 11 terminal of the SRS main harness 18P connector and the body ground. There should be 1 M Ω or more.



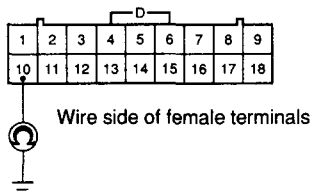
Is the resistance as specified?

YES

NO

Check for an open in the low line:

1. Check resistance the No. 10 terminal of the SRS main harness 18P connector and body ground. There should be 0 – 1.0 Ω .



Is the resistance as specified?

YES

NO

Faulty SRS unit; replace the SRS unit.

Short to ground in the driver's seat belt buckle switch; replace the driver's seat belt inner buckle.

To page 24-127 (M)

To page 24-125 (K)

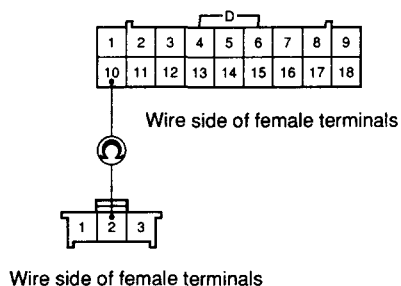


From page 24-124 (K)

(L)

Check for an open between the left side wire harness and SRS main harness:

1. Disconnect the left side wire harness 3P connector (see page 24-92).
2. Check resistance between the No. 10 terminal of the SRS main harness 18P connector and No. 2 terminal of the left side wire harness 3P connector.
There should be 0 - 1.0 Ω .



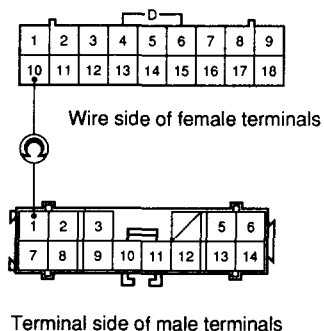
Is the resistance as specified?

YES

NO

Open in the driver's seat belt buckle switch; replace the driver's seat belt inner buckle.
Check for an open between the main wire harness and SRS main harness:

1. Disconnect the main wire harness 14P connectors (see page 24-93).
2. Check resistance between the No. 10 terminal of the SRS main harness 18P connector and No. 1 terminal of the main wire harness 14P connector.
There should be 0- 1.0 Ω .



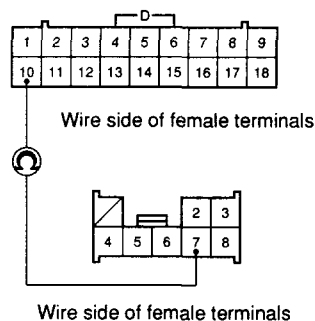
Is the resistance as specified?

YES

NO

Open in the left side wire harness; replace the left side wire harness.
Check for an open in the SRS main harness:

1. Disconnect the main wire harness 8P connector from the SRS main harness (see page 24-93).
2. Check resistance between the No. 10 terminal of the SRS main harness 18P connector and the No. 7 terminal of the SRS main harness 8P connector.
There should be 0 - 1.0 Ω .



Is the resistance as specified?

YES

NO

Open in the main wire harness; replace the main wire harness.
Open in the SRS main harness; replace the SRS main harness.

(cont'd)

(L)

Troubleshooting - '99 - 01 Models

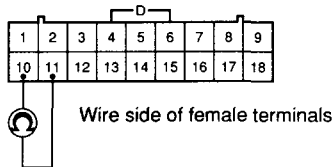
DTC 9-3 (cont'd)

(A) From page 24-120

(N)

Check for a short to ground between the hot line and low line:

1. Disconnect the driver's tension reducer solenoid connector.
2. Disconnect the dashboard wire harness 16P connector from the left side wire harness (see page 24-93).
3. Disconnect the airbag connectors (see page 24-33).
4. Disconnect the SRS main harness 18P connector from the SRS unit (see page 24-92).
5. Check resistance between the No. 10 and No. 11 terminals of the SRS main harness 18P connector. There should be 1 M Ω or more.



Is the resistance as specified?

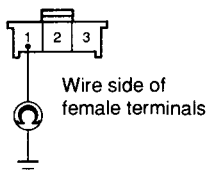
YES

NO

(N)

Check for a short to ground in the left side wire harness:

1. Disconnect the left side wire harness 3P connector from the driver's seat belt buckle switch (see page 24-92).
2. Check resistance between the No. 1 terminal of the left side wire harness 3P connector and body ground. There should be 0 - 1.0 Ω .



Is the resistance as specified?

YES

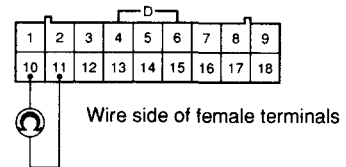
NO

Faulty SRS unit; replace the SRS unit.

Short to ground in the left side wire harness; replace the left side wire harness.

Check for a short to another wire between the left side wire harness and the SRS main harness:

1. Disconnect the left side wire harness 3P connector from the driver's seat belt buckle switch (see page 24-92).
2. Check resistance between the No. 10 and No. 11 terminals of the SRS main harness 18P connector. There should be 1 M Ω or more.



Is the resistance as specified?

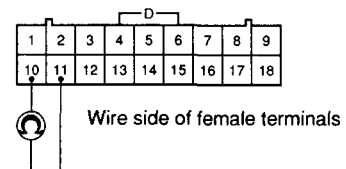
YES

NO

Short to another wire in the driver's seat belt buckle switch; replace the driver's seat belt inner buckle.

Check for a short to another wire between the main wire harness and SRS main harness.

1. Disconnect the main wire harness 14P connector (see page 24-93).
2. Check resistance between the No. 10 and No. 11 terminals of the SRS main harness 18P connector. There should be 1 M Ω or more.



Is the resistance as specified?

YES

NO

Short to another wire in the left side wire harness; replace the left side wire harness.

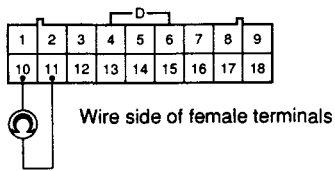
To page 24-127 (O)



From page 24-126 (O)

Check for a short to another wire in the SRS main harness.

1. Disconnect the main wire harness 8P connector from the SRS main harness (see page 24-93).
2. Check resistance between the No. 10 and No. 11 terminals of the SRS main harness 18P connector.
There should be 1 M Ω or more.

**Is the resistance as specified?****YES****NO**

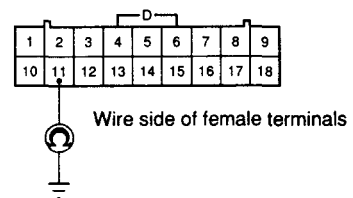
Short to another wire in the main wire harness; replace the main wire harness.

Short to another wire in the SRS main harness; replace the SRS main harness.

From page 24-124 (M)

Check for a short to ground between the main wire harness and the SRS main harness:

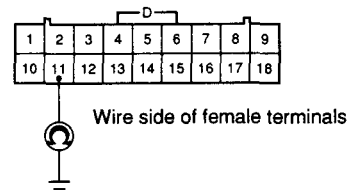
1. Disconnect the left side wire harness 14P connector (see page 24-93).
2. Check resistance between the No. 11 terminal of the SRS main harness 18P connector and body ground.
There should be 1 M Ω or more.

**Is the resistance as specified?****YES****NO**

Short to ground in the left side wire harness; replace the left side wire harness.

Check for a short to ground in the SRS main harness.

1. Disconnect the main wire harness 8P connector from the SRS main harness (see page 24-93).
2. Check resistance between the No. 11 terminal of the SRS main harness 18P connector and body ground.
There should be 1 M Ω or more.

**Is the resistance as specified?****YES****NO**

Short to ground in the main wire harness; replace the main wire harness.

Short to ground in the SRS main harness; replace the SRS main harness.