

Troubleshooting - '99 - 01 Models

DTC 14-5

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.

Try to reproduce the SRS indicator light:

1. Erase the DTC memory (see page 24-87).
2. Turn the ignition switch ON (II), and check that the SRS indicator light comes on for about 6 seconds, and then goes off.

Does the SRS Indicator light stay on?

YES

NO

Intermittent failure, system is OK at this time. See Troubleshooting Intermittent Failures on page 24-87.

Check for poor contact at the SRS floor harness 4P connector:

1. Disconnect the negative battery cable, and wait for 3 minutes.
2. Disconnect the SRS floor harness 2P connector from the front passenger's side airbag 2P connector (see page 24-96).
3. Check the connections between the SRS floor harness 4P connector and the front passenger's side impact sensor.

Is the connections OK?

YES

NO

Poor contact at the SRS floor harness 4P connector; reconnect or repair the SRS floor harness 4P connector securely.

Check for a short to power or ground or another wire in the SRS floor harness:

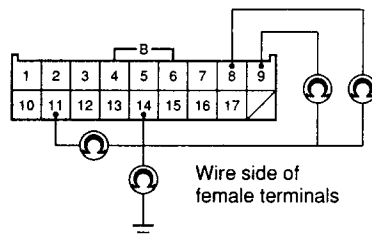
1. Disconnect between the driver's seat belt tensioner 2P and the left side wire harness 2P connectors, between the front passenger's seat belt tensioner 2P and the right side wire harness 2P connectors, between the driver's side airbag 2P and the SRS floor harness 2P connectors, and between the front passenger's side airbag 2P and the SRS floor harness 2P connectors (see page 24-95, 24-96).
2. Disconnect the SRS floor harness 4P connector from the front passenger's side impact sensor (see page 24-97).
3. Disconnect the SRS floor harness 18P connector from the SRS unit (see page 24-92). (cont'd)

(A)

(A)

Check for a short to power or ground or another wire in the SRS floor harness (cont'd):

4. Check resistance between the No. 14 and No. 11 terminals of the SRS floor harness 18P connector, between the No. 14 and No. 8 terminals of the SRS floor harness 18P connector, between the No. 14 and No. 9 terminal of the SRS floor harness 18P connector, and between the No. 14 terminal of the SRS floor harness 18P connector and body ground. There should be 1 M Ω or more.



Is the resistance as specified?

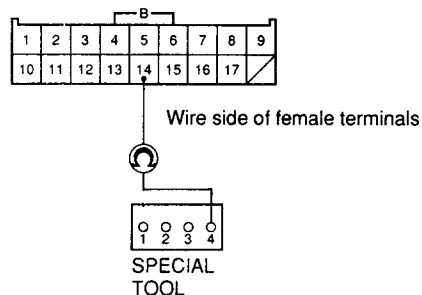
YES

NO

Short to power or ground or another wire in the SRS floor harness: replace the SRS floor harness.

Check for an open in the SRS floor harness:

1. Connect the special tool to the SRS floor harness 4P connector (see page 24-97).
2. Check resistance between the No. 14 terminal of the SRS floor harness 18P connector and the No. 4 terminal of the special tool. There should be 0 – 1.0 Ω .



Is the resistance as specified?

YES

NO

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

Faulty front passenger's side impact sensor or SRS unit; replace the front passenger's side impact sensor. If the problem is still present, replace the SRS unit.