

Troubleshooting - '99 - 01 Models

The SRS Indicator Light Doesn't Go Off

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 six 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 the No. 7 (10 A) fuse:

1. Turn the ignition switch OFF.
2. Check for blown No. 7 (10 A) fuse in the under-dash fuse/relay box (see page [24-92](#)).

Is the fuse OK?

YES

NO

(A)

Replace the fuse, and erase the memory:

1. Replace the No. 7 (10 A) fuse.
2. Erase the DTC memory (see page [24-87](#)).
3. Turn the ignition switch ON (II).

Does the SRS indicator light go off after 6 seconds?

YES

NO

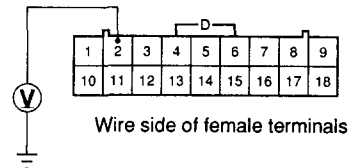
END

Confirm the DTC, and continue troubleshooting.

(A)

Check for an open in the SRS main harness (VB line):

1. Disconnect the battery negative cable, then the positive cable and wait for 3 minutes.
2. Disconnect the driver's and front passenger's airbag connectors (see page [24-33](#)).
3. Disconnect the SRS main harness 18P connector from the SRS unit (see page [24-92](#)).
4. Reconnect the battery positive cable, then reconnect the negative cable.
5. Connect a voltmeter between the No. 2 terminal (+) of the SRS main harness 18P connector and body ground.
6. Turn the ignition switch ON (II).



Is there battery voltage?

YES

NO

Open in the SRS main harness (VB line); replace the SRS main harness.

(B) To page [24-101](#)

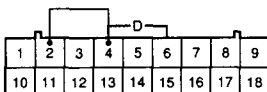


(B) From page 24-100

(C)

Check the SRS unit:

Connect the SRS main harness 18P connector terminals No. 4 and No. 2 with a jumper wire and backprobe adapters.

JUMPER WIRE

Wire side of female terminals

Does the SRS indicator light go off?

YES

NO

Faulty SRS unit or poor contact at the SRS main harness 18P connector; check the connector. If the connector is OK, replace the SRS unit (see page 24-181).

Did fuse No. 7 (10 A) blow?

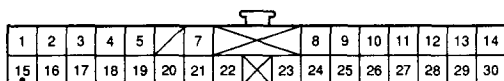
YES

NO

(C)

Check for a short to ground in the SRS indicator light circuit:

1. Turn the ignition switch OFF.
2. Disconnect the dashboard wire harness 30P connector from the gauge assembly (see page 24-93).
3. Check resistance between the No. 15 terminal of the dashboard wire harness 30P connector and body ground. There should be 1 MΩ or more.



Wire side of female terminals

Is resistance as specified?

YES

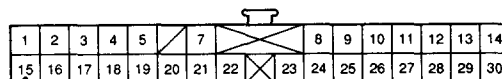
NO

Short to ground in the gauge assembly; replace the gauge assembly.

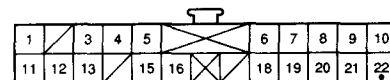
To page 24-102 (D)

Check the SRS indicator light circuit:

1. Turn the ignition switch OFF.
2. Remove the gauge assembly. Do not disconnect the connector from the gauge assembly.
3. Connect the No. 15 terminal of the dashboard wire harness 30P connector and No. 22 terminal of the dashboard wire harness 22P connector with a jumper wire (see page 24-93).
4. Turn the ignition switch ON (II).



Wire side of female terminals



Wire side of female terminals

JUMPER WIRE**Does the SRS indicator light go off?**

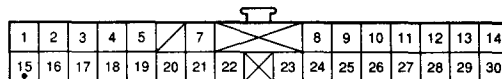
YES

NO

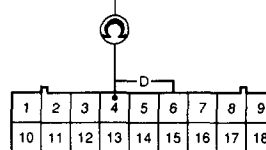
Faulty SRS indicator light circuit in the gauge assembly; replace the SRS indicator circuit board in the gauge assembly.

Check for an open in the SRS indicator light circuit:

1. Turn the ignition switch OFF.
2. Disconnect the dashboard wire harness 30P connector from the gauge assembly (see page 24-93).
3. Check resistance between the No. 4 terminal of the SRS main harness 18P connector and No. 15 terminal of the dashboard wire harness 30P 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

(E) To page 24-103

To page 24-102 (F)

(cont'd)

Troubleshooting - '99 - 01 Models

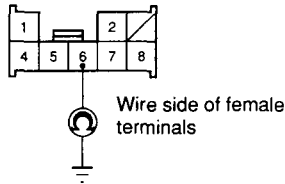
The SRS Indicator Light Doesn't Go Off (cont'd)

From page 24-101 (D)

From page 24-101 (F)

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

1. Disconnect the main wire harness 8P connector from the dashboard wire harness (see page 23-93).
2. Check resistance between the No. 6 terminal of the main wire harness 8P connector and body ground. There should be 1 M Ω or more.



Is the resistance as specified?

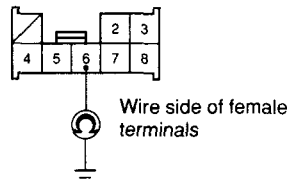
YES

NO

Short to ground in the dashboard wire harness; repair the dashboard wire harness.

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

1. Disconnect the SRS main harness 8P connector from the main wire harness (see page 23-93).
2. Check resistance between the No. 6 terminal of the SRS main harness 8P connector and body ground. There should be 1 M Ω or more.



Is the resistance as specified?

YES

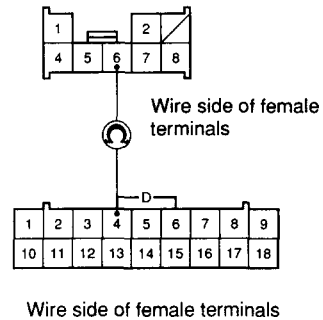
NO

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

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

Check for an open in the dashboard wire harness:

1. Disconnect the main wire harness 8P connector from the dashboard wire harness (see page 24-93).
2. Check resistance between the No. 4 terminal of the SRS main harness 18P connector and No. 6 terminal of the main wire harness 6P connector; there should be 0 ~ 1.0 Ω .



Is the resistance as specified?

YES

NO

Open in the BLU/WHT wire of the dashboard wire harness; repair the dashboard wire harness.

To page 24-103 (G)

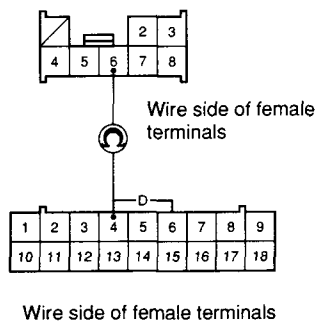


From page 24-102 (G)

(E) From page 24-101

Check for an open in the main wire harness:

1. Disconnect the SRS main harness 8P connector from the main wire harness (see page 24-93).
2. Check resistance between the No. 4 terminal of the SRS main harness 18P connector and No. 6 terminal of the SRS main harness 8P connector; there should be 0 - 1.0 Ω .

**Is the resistance as specified?**

YES

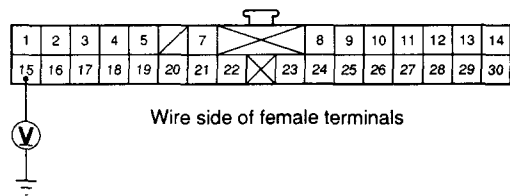
NO

Open in the BLU/WHT wire of the main wire harness; repair the main wire harness.

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

Check the SRS indicator circuit input voltage:

1. Reconnect the SRS main harness 18P connector to the SRS unit.
2. Connect a voltmeter between the No. 15 terminal (+) of the dashboard wire harness 30P connector and body ground.
3. Turn the ignition switch ON (II), wait for 6 seconds, then measure voltage.

**Is there 8.5 V or more?**

YES

NO

The problem has disappeared due to disconnecting and connecting the connectors. Be sure all terminals make good contact, and recheck the system (see Troubleshooting Intermittent Failures on page 24-87).

Poor contact at the SRS main harness 18P connector; check the connector.

- If the connector is OK, substitute a known-good SRS unit, and recheck.
- If the problem is still present, replace the SRS main harness.