



DTC 15-1

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.

Read the DTC:

1. Make sure nothing is sitting on the front passenger's seat.
2. Initialize the OPDS unit (see page 24-88).
3. Erase the DTC memory (see page 24-87).
4. Read the DTC (see page 24-84).

Is DTC 15-1 indicated?

YES

NO

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

Check the fuse:

Check the No. 23 (7.5 A) fuse in the under-dash fuse/relay box.

Is the fuse OK?

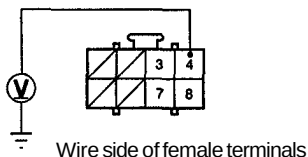
YES

NO

(A)

Check the power supply (1):

1. Disconnect the ODPS unit wire harness 8P connector from the OPDS unit (see page 24-92).
2. Turn the ignition switch ON (II).
3. Check for voltage between the No. 4 terminal of the ODPS unit wire harness 8P connector and body ground. There should be battery voltage.



Is there battery voltage?

YES

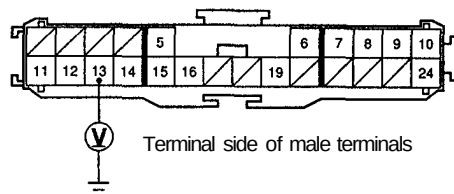
NO

(B) To page 24-150

(C)

Check the power supply (2):

1. Turn the ignition switch OFF.
2. Disconnect the main wire harness 24P connector from the right side wire harness (see page 24-97).
3. Turn the ignition switch ON (II).
4. Check for voltage between the No. 13 terminal of the main wire harness 24P connector and body ground. There should be battery voltage.



Is there battery voltage?

YES

NO

Short to power in the right side wire harness or OPDS unit harness; if the OPDS unit harness is OK, replace the right side wire harness.

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

(A)

Check the fuse:

1. Replace the No. 23 (7.5 A) fuse in the under-dash fuse/relay box.
2. Turn the ignition switch OFF after the ignition switch has been turned on for 30 seconds.
3. Check the No. 23 (7.5 A) fuse in the under-dash fuse/relay box (see page 24-92).

Is the fuse OK?

YES

NO

END

To page 24-150 (D)

(cont'd)

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DTC 15-1 (cont'd)

From page 24-149 (D)

Check for a short to ground (1):

1. Replace the No. 23 (7.5 A) fuse in the under-dash fuse/relay box (see page 24-92).
2. Disconnect the main wire harness 12P connector from the under-dash fuse/relay box (see page 24-92).
3. Turn the ignition switch ON (II) for 30 seconds, then turn it OFF.
4. Check the No. 23 (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 No. 23 (7.5 A) related circuit; refer to [section 23](#) and continue troubleshooting.

Check for a short to ground (2):

1. Disconnect the main wire harness 24P connector from the right side wire harness (see page 24-97).
2. Connect the main wire harness 12P connector to the under-dash fuse/relay box (see page 24-92).
3. Turn the switch ON (II) for 30 seconds, then turn it OFF.
4. Check the No. 23 (7.5 A) fuse in the under-dash fuse/relay box.

Is the fuse OK?

YES

NO

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

(E)

Check for a short to ground (3):

1. Disconnect the ODPS unit wire harness 8P connector from the ODPS unit (see page 24-92).
2. Reconnect the right side wire harness 24P connector (see page 24-97).
3. Turn the ignition switch ON (II) for 30 seconds, then turn it OFF.
4. Check the No. 23 (7.5 A) fuse in the under-dash fuse/relay box.

Is the fuse OK?

YES

NO

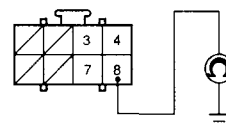
Faulty OPDS unit; replace the OPDS unit.

Short to ground in the right side wire harness or the OPDS unit harness; if the OPDS unit harness is ok, replace the right side wire harness.

(B) From page 24-149

Check for an open in the right side wire harness:

1. Turn the ignition switch off.
2. Check resistance between the No. 8 terminal of the ODPS unit wire harness 8P connector and body ground. There should be 0 – 1.0 Ω .



Wire side of female terminals

Is the resistance as specified?

YES

NO

Open in the right side wire harness or the OPDS unit harness; if OPDS unit harness is OK, replace the right side wire harness.

(F) To page 24-151

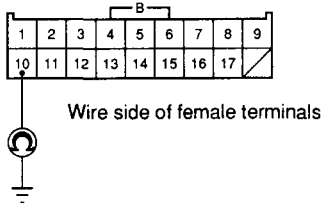


(F) From page 24-150

(H)

Check for a short to ground between the right side wire harness and the SRS floor harness (1):

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 18P connector from SRS unit (see page 24-92).
3. Check resistance between the No. 10 terminal of the SRS floor harness 18P connector and body ground. There should be 1 M Ω or more.



Is the resistance as specified?

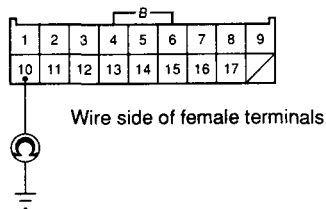
YES

NO

(G) To page 24-152

Check for a short to ground between the right side wire harness and the SRS floor harness (2):

1. Disconnect the right side wire harness 24P connector (see page 24-97).
2. Check resistance between the No. 10 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

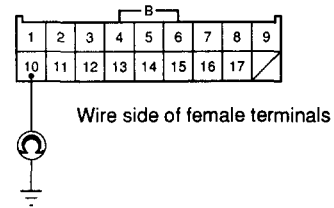
NO

Short to ground in the right side wire harness or the OPDS unit harness; if the OPDS unit harness is OK, replace the right side wire harness.

(H)

Check for a short to ground between the right side wire harness and the SRS floor harness (3):

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



Is the resistance as specified?

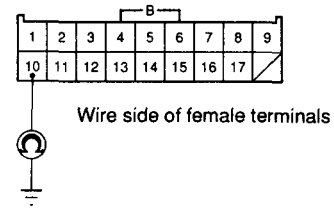
YES

NO

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

Check for a short to ground between the right side wire harness and SRS floor harness (4):

1. Disconnect the left side wire harness 2P connector (see page 24-93).
2. Check resistance between the No. 10 terminal of the SRS floor harness 18P connector and the 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.

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

(cont'd)

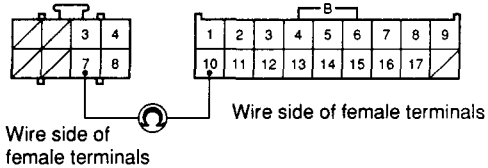
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DTC 15-1 (cont'd)

(G) From page 24-151

Check for an open between the right side wire harness and SRS floor harness (1):

1. Check resistance between the No. 10 terminal of the SRS floor harness 18P connector and the No. 7 terminal of the OPDS unit wire harness 8P connector.
There should be 0 - 1.0 Ω .



Is the resistance as specified?

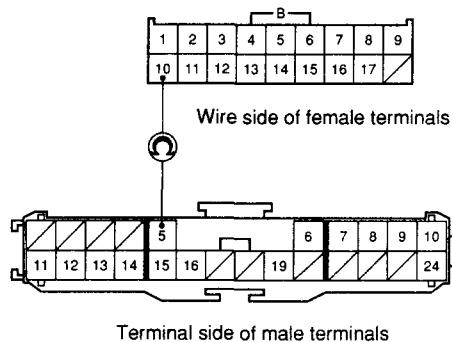
YES

NO

(I)

Check for an open between the right side wire harness and SRS floor harness (2):

1. Disconnect the main wire harness 24P connector (see page 24-97).
2. Check resistance between the No. 10 terminal of the SRS floor harness 18P connector and the No. 5 terminal of the main wire harness 24P connector.
There should be 0 - 1.0 Ω .



Is the resistance as specified?

YES

NO

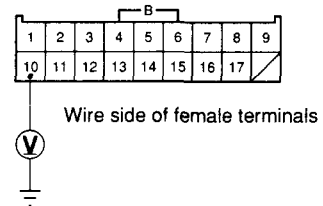
Open in the right side wire harness or the OPDS unit harness; if the OPDS unit harness is OK, replace the right side wire harness.

To page 24-154 (J)

(I)

Check for a short to power between the right side wire harness and the SRS floor harness (1):

1. Turn the ignition switch ON (II).
2. Check for voltage between the No. 10 terminal of the SRS floor harness 18P connector and body ground.
There should be 0.5 V or less.



Is the voltage as specified?

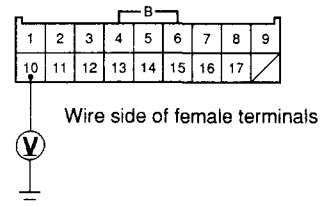
YES

NO

(K) To page 24-153

Check for a short to power between the right side wire harness and the SRS floor harness (2):

1. Turn the ignition switch OFF.
2. Disconnect the main wire harness 24P connector (see page 24-97).
3. Turn the ignition switch ON (II).
4. Check for voltage between the No. 10 terminal of the SRS floor harness 18P connector and body ground.
There should be 0.5 V or less.



Is the voltage as specified?

YES

NO

Short to power in the right side wire harness or the OPDS unit harness; if the OPDS unit harness is OK, replace the right side wire harness.

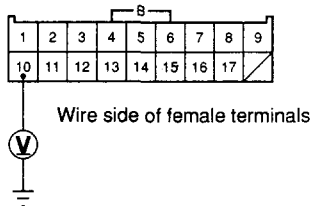
To page 24-153 (L)



From page 24-152 (L)

Check for a short to power between the right side wire harness and the SRS floor harness (3):

1. Turn the ignition switch OFF.
2. Disconnect the main wire harness 14P connector (see page 24-93).
3. Turn the ignition switch ON (II).
4. Check for voltage between the No. 10 terminal of the SRS floor harness 18P connector and body ground. There should be 0.5 V or less.



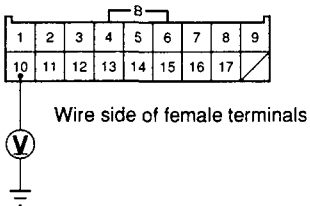
Is the voltage as specified?

YES

NO

Short to power in the main wire harness; replace the main wire harness.
Check for a short to power between the right side wire harness and the SRS floor harness (4):

1. Turn the ignition switch OFF.
2. Disconnect the left side wire harness 2P connector (see page 24-93).
3. Turn the ignition switch ON (II).
4. Check for voltage between the No. 10 terminal of the SRS floor harness 18P connector and body ground. There should be 0.5 V or less.



Is the voltage as specified?

YES

NO

Short to power in the left side wire harness; replace the left side wire harness.
Short to power in the SRS floor harness; replace the SRS floor harness.

(K) From page 24-153

Check the OPDS sensor:

1. Turn the ignition switch OFF.
2. Install a known-good OPDS sensor.
3. Reinstall all removed parts.
4. Initialize the OPDS sensor.
5. Erase the DTC memory (see page 24-87).
6. Read the DTC (see page 24-84).

Is DTC 15-1 indicated?

YES

NO

END

Check the side airbag indicator light:

1. Turn the ignition switch ON (II), and check that the side airbag indicator light comes on for about 5 seconds, and then goes off.

Does the side airbag indicator come on?

YES

NO

Faulty OPDS unit or SRS unit; replace the OPDS unit. If the problem is still present, replace the SRS unit.
Faulty side airbag indicator light circuit; go to troubleshooting 15-2.

(cont'd)

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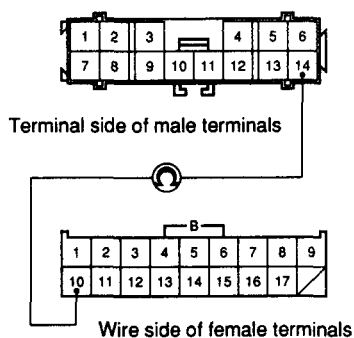
DTC 15-1 (cont'd)

From page 24-152 (J)

(M)

Check for an open between the right side wire harness and the SRS floor harness (3):

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



Is the resistance as specified?

YES

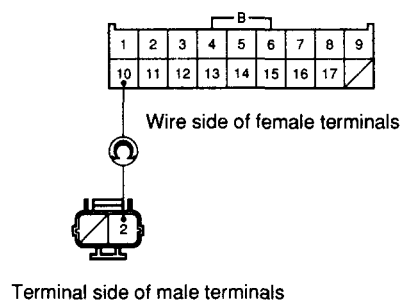
NO

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

(M)

Check for an open between the right side wire harness and the SRS floor harness (4):

1. Disconnect the SRS floor harness 2P connector (see page 24-93).
2. Check resistance between the No. 10 terminal of the SRS floor harness 18P connector and the No. 2 terminal of the SRS floor harness 2P 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.

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