



DTC 15-2

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 that the side airbag indicator light comes on:

1. Make sure nothing is sitting on the front passenger's seat.
2. Turn the ignition switch ON (II), and check that the side airbag indicator light comes on.

Does the side airbag indicator light come on?

YES

NO

(A)

1. Make sure the side airbag indicator light comes on for 5 seconds and then goes off.

Does the side airbag indicator light go off?

YES

NO

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Faulty OPDS unit or SRS unit; replace the OPDS unit. If the problem is still present, replace the SRS unit.

(A)

Check the fuse:

1. Turn the ignition switch OFF.
2. 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 No. 13 (7.5 A) fuse related circuit; refer the section 23 and continue troubleshooting.

1. Check for a blown side airbag indicator light bulb.

Is the side airbag indicator light bulb OK?

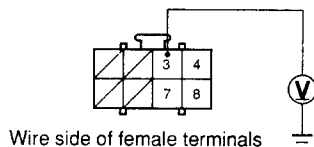
YES

NO

Blown the side airbag indicator bulb; replace the bulb.

Check for an open in the side airbag indicator circuit:

1. Disconnect the OPDS 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. 3 terminal of the OPDS unit wire harness 8P connector and body ground. There should be battery voltage.



Is there battery voltage?

YES

NO

(C) To page 24-156

To page 24-157 (D)

(cont'd)

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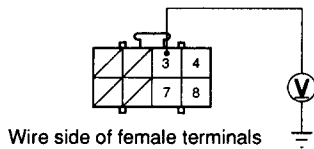
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(C) From page 24-155

(E)

Check for a short to power in the side airbag indicator circuit:

1. Turn the ignition switch OFF.
2. Disconnect the left engine compartment wire harness 16P connector from the under-dash fuse/relay box (see page 24-92).
3. Turn the ignition switch ON (II).
4. Check for voltage between the No. 3 terminal of the OPDS unit wire harness 8P connector and body ground. There should be 0.5 V or less.



Is the voltage as specified?

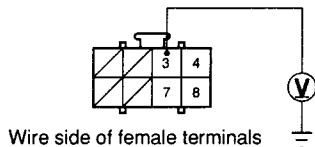
YES

NO

Faulty OPDS unit; replace the OPDS unit.

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

1. Turn the ignition switch OFF.
2. Disconnect the dashboard wire harness 22P connector from the gauge assembly (see page 24-93).
3. Turn the ignition switch ON (II).
4. Check for voltage between the No. 3 terminal of the OPDS unit wire harness 8P connector and body ground. There should be 0.5 V or less.



Is the voltage as specified?

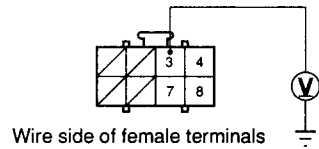
YES

NO

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

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

1. Turn the ignition switch OFF.
2. Disconnect the dashboard wire harness 8P connector from the main wire harness (see page 24-93).
3. Turn the ignition switch ON (II).
4. Check for voltage between the No. 3 terminal of the OPDS unit wire harness 8P connector and body ground. There should be 0.5 V or less.



Is the voltage as specified?

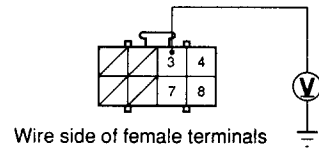
YES

NO

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

Check for a short to power in the right side wire harness (3):

1. Turn the ignition switch OFF.
2. Disconnect the right side wire harness 24P connector (see page 24-97).
3. Turn the ignition switch ON (II).
4. Check for voltage between the No. 3 terminal of the OPDS unit wire harness 8P connector and body ground.



Is the voltage as specified?

YES

NO

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

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.

(E)

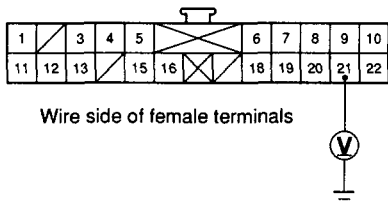


From page 24-157 (D)

(G)

Check for an open between the left engine compartment wire harness and the dashboard wire harness:

1. Turn the ignition switch OFF.
2. Touch a tester positive probe to the No. 21 terminal of the dashboard wire harness 22P connector. Do not disconnect the dashboard wire harness 22P connector from the gauge assembly.
3. Turn the ignition switch ON (II).
4. Check for voltage between the No. 21 terminal of the dashboard wire harness 22P connector and body ground. There should be battery voltage.



Is there battery voltage?

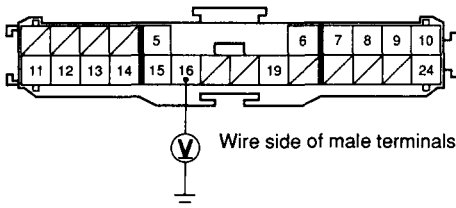
YES

NO

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

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. 16 terminal of main wire harness 24P connector and body ground. There should be battery voltage.



Is there battery voltage?

YES

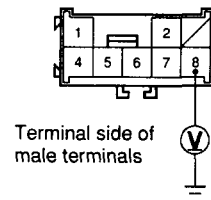
NO

Poor contact at the right side wire harness 24P and the main wire harness 24P connectors or an open in the right side wire harness. Check the connection between the right side wire harness 24P and the main wire harness 24P connectors; if the connection is OK, replace the right side wire harness.

(G)

Check for an open in the dashboard wire harness:

1. Turn the ignition switch OFF.
2. Disconnect the dashboard wire harness 8P connector from the main wire harness (see page 24-93).
3. Turn the ignition switch ON (II).
4. Check for voltage between the No. 8 terminal of the dashboard wire harness 8P connector and body ground. There should be battery voltage.



Is there battery voltage?

YES

NO

Poor contact at the dashboard wire harness 8P and main wire harness 8P connectors or an open in the main wire harness, check the connection between the dashboard wire harness 8P and main wire harness 8P connectors; if the connection is OK, replace the main wire harness.

Poor contact at the dashboard wire harness 22P and gauge assembly 22P connectors or an open in the dashboard wire harness, check the connection at the dashboard wire harness 22P and gauge assembly 22P connectors; if the connection is OK, replace the dashboard wire harness.

(cont'd)

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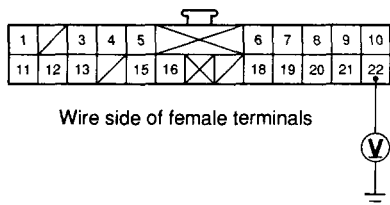
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From page 24-157 (F)

(H)

Check for an open between the left engine compartment wire harness and the dashboard wire harness.

1. Turn the ignition switch OFF.
 2. Disconnect the dashboard wire harness 22P connector from the gauge assembly (see page 24-93).
 3. Turn the ignition switch ON (II).
 4. Check for voltage between the No. 22 terminal of the dashboard wire harness 22P connector and body ground.
- There should be battery voltage.



Is the voltage as specified?

YES

NO

Faulty side airbag indicator light circuit; replace the gauge assembly.

Open between the left engine compartment wire harness and the dashboard wire harness; refer to section 23 and continue troubleshooting.

Check for a short to ground (2):

1. Turn the ignition switch OFF.
2. Disconnect the right side wire harness 24P connector (see page 24-97).
3. Turn the ignition switch ON (II).

Does the side airbag indicator light stay off?

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.

Check for a short to ground (3):

1. Turn the ignition switch OFF.
2. Disconnect the dashboard wire harness 8P connector from the main wire harness (see page 24-93).
3. Turn the ignition switch ON (II).

Does the side airbag indicator light stay off?

YES

NO

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

Check for a short to ground (4):

1. Turn the ignition switch OFF.
2. Disconnect the dashboard wire harness 22P connector from the gauge assembly (see page 24-93).
3. Turn the ignition switch ON (II).

Does the side airbag indicator light stay off?

YES

NO

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

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

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Check for a short to ground (1):

1. Turn the ignition switch OFF.
2. Disconnect the OPDS unit wire harness 8P connector from the OPDS unit (see page 24-92).
3. Turn the ignition switch ON (II).

Does the side airbag indicator light stay off?

YES

NO

Faulty OPDS unit; replace the OPDS unit.

(H)