Air Bag Systems: Testing and Inspection
Trouble Code Diagnostic Charts

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

Try to reproduce the SRS indicator light:
1. Turn the ignition switch OFF.
2. Turn the ignition switch ON (II), and check that the SRS indicator light comes on for about six seconds and goes off.
3. Does the SRS indicator light stay on?
   YES NO

   Intermittent failure, system is OK at this time. See Troubleshooting intermittent Failures.

Check for an open in the driver's airbag inflator:
1. Turn the ignition switch OFF.
2. Disconnect the battery negative cable, then disconnect the positive cable, and wait for three minutes.
3. Disconnect the driver's airbag 2P connector from the cable reel 2P connector.
4. Connect the special tool (2 Ohm) to the cable reel 2P connector.
5. Reconnect the battery positive cable, then reconnect the negative cable.
6. Erase the DTC memory.
7. Reel up the DTC;

Is DTC 1-1 or DTC 1-2 indicated?

YES NO

Open or increased resistance in the driver's airbag inflator; replace the driver's airbag.

Check for an open in the cable reel:
1. Disconnect the battery negative cable, then disconnect the positive cables, and wait for three minutes.
2. Disconnect the special tool (2 Ohm) from the cable reel 2P connector.
3. Remove the dashboard lower cover, and disconnect the cable reel 2P connector from the SRS main harness 2P connector.
4. Connect the special tool (2 Ohm) to the SRS main harness 2P connector.

To Part 2 of 2
From Part 1 of 2

Check for an open in the cable reel (cont'd):
5. Reconnect the battery positive cable, then reconnect the negative cable.
6. Erase the DTC memory.
7. Read the DTC.

Is DTC 1-1 or DTC 1-2 indicated?

<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
</tr>
</thead>
</table>

Open or increased resistance in the cable reel; replace the cable reel.

Check for an open in the SRS main harness:
1. Disconnect the battery negative cable, then disconnect the positive cable, and wait for three minutes.
2. Disconnect the front passenger’s airbag connector from the SRS main harness (with front passenger’s airbag).
3. Disconnect the SRS main harness 18P connector from the SRS unit. Do not disconnect the special tool (2 Ω) from the SRS main harness 2P connector.
4. Check resistance between terminals No. 1 and No. 13 of the SRS main harness 18P connector.
   - There should be approx. 2.0 - 3.0 Ω.

Is the resistance as specified?

<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
</tr>
</thead>
</table>

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.

Open or increased resistance in the SRS main harness; replace the harness.

DTC 1-1 And DTC 1-2 (Part 2 Of 2)
CAUTION: Whenever the ignition switch is ON (II), or has been turned OFF for less than three minutes, be careful not to bump the SRS unit, the airbag(s) could accidentally deploy and cause damage or injuries.

Try to reproduce the SRS indicator light:
1. Erase the DTC memory.
2. Turn the ignition switch ON (II), and check that the SRS indicator light comes on for about six seconds and goes off.

Does the SRS indicator light stay on?

YES NO

Intermittent failure, system is OK at this time. See Troubleshooting Intermittent Failures.

Check for an open in the driver's airbag inflator:
1. Turn the ignition switch OFF.
2. Disconnect the battery negative cable, then disconnect the positive cable, and wait for three minutes.
3. Disconnect the driver's airbag 2P connector from the cable reel 2P connector.
   CAUTION: Do not disconnect the passenger's airbag connector.
4. Connect the special tool (2 D) to cable reel 2P connector.
5. Reconnect the battery positive cable, then reconnect the negative cable.
6. Erase the DTC memory.
7. Reset the DTC.

Is DTC 1-1 or DTC 1-2 indicated?

YES NO

Open or increased resistance in the driver's airbag inflator, replace the driver's airbag.

Check for an open in the cable reel:
1. Disconnect the battery negative cable, then disconnect the positive cable, and wait for three minutes.
2. Disconnect the special tool (2 D) from the cable reel 2P connector.
3. Remove the dashboard lower cover, and disconnect the cable reel 2P connector from the SRS main harness.
4. Connect the special tool (2 D) to the SRS main harness 2P connector.

To Part 2 of 2

DTC 1-1 And DTC 1-2 (Part 1 Of 2)
From Part 1 of 2

Check for an open in the cable reel (cont'd):
5. Reconnect the battery positive cable, then reconnect the negative cable.
6. Erase the DTC memory.
7. Read the DTC.

Is DTC 1-1 or DTC 1-2 indicated?

<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
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</table>

Open or increased resistance in the cable reel; replace the cable reel.

Check for an open in the SRS main harness:
1. Disconnect the battery negative cable, then disconnect the positive cable, and wait for three minutes.
2. Disconnect the front passenger's airbag connector from the SRS main harness (with front passenger's airbag).
3. Disconnect the SRS main harness 18P connector from the SRS unit. Do not disconnect the special tool (2 Ohm) from the SRS main harness 2P connector.
4. Check resistance between terminals No. 1 and No. 13 of the SRS main harness 18P connector. There should be approx. 2.0 - 3.0 Ohm.

Is the resistance as specified?

<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
</tr>
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</table>

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.

Open or increased resistance in the SRS main harness; replace the harness.

DTC 1-1 And DTC 1-2 (Part 2 Of 2)
CAUTION: Whenever the ignition switch is ON (II), or has been turned OFF for less than three minutes, be careful not to bump the SRS unit; the airbag(s) could accidentally deploy and cause damage or injuries.

Try to reproduce the SRS indicator light:
1. Erase the DTC memory.
2. Turn the ignition switch ON (II), and check that the SRS indicator light comes on for about six seconds and goes off.

Does the SRS indicator light stay on?

<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
</tr>
</thead>
<tbody>
<tr>
<td>Intermittent failure, system is OK at this time. See Troubleshooting Intermittent Failures.</td>
<td></td>
</tr>
</tbody>
</table>

Check for a short to another wire in the driver’s airbag inflator:
1. Turn the ignition switch OFF.
2. Disconnect the battery negative cable, then disconnect the positive cable, and wait for three minutes.
3. Disconnect the driver’s airbag 2P connector from the cable reel 2P connector.
   CAUTION: Do not disconnect the passenger’s airbag connector.
4. Connect the special tool (2Ω) to the cable reel 2P connector.
5. Reconnect the battery positive cable, then reconnect the negative cable.
6. Erase the DTC memory.
7. Read the DTC.

Is DTC 1-3 indicated?

<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
</tr>
</thead>
<tbody>
<tr>
<td>Short in the driver’s airbag inflator; replace the driver’s airbag.</td>
<td></td>
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</tbody>
</table>

Check for a short in the cable reel:
1. Disconnect the battery negative cable, then disconnect the positive cable, and wait for three minutes.
2. Disconnect the special tool (2Ω) from the cable reel 2P connector.
3. Remove the dashboard lower cover, and disconnect the cable reel 2P connector from the SRS main harness.
4. Connect the special tool (2Ω) to the SRS main harness 2P connector.

To Part 2 of 2
Check for a short in the cable reel (cont’d):
5. Reconnect the battery positive cable, then reconnect the negative cable.
6. Erase the DTC memory.
7. Read the DTC.

Is DTC 1-3 indicated?

<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
</tr>
</thead>
</table>

Short in the cable reel; replace the cable reel.

Check for a short in the SRS main harness:
1. Disconnect the battery negative cable, then disconnect the positive cable, and wait for three minutes.
2. Disconnect the front passenger’s airbag connector from the SRS main harness (with front passenger’s airbag).
3. Disconnect the SRS main harness 18P connector from the SRS unit. Do not disconnect the special tool (8 G) from the SRS main harness 2P connector.
4. Check resistance between terminals No. 1 and No. 13 of the SRS main harness 18P connector.

Is the resistance as specified?

<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
</tr>
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</table>

Faulty SRS unit; replace the SRS unit.

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

DTC 1-3 (Part 2 Of 2)
**CAUTION:** Whenever the ignition switch is ON (II), or has been turned OFF for less than three minutes, be careful not to bump the SRS unit; the airbag(s) could accidentally deploy and cause damage or injuries.

| Try to reproduce the SRS indicator light: |
| 1. Erase the DTC memory. |
| 2. Turn the ignition switch ON (II), and check that the SRS indicator light comes on for about six seconds and goes off. |

<p>| Does the SRS Indicator light stay on? |</p>
<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
</tr>
</thead>
<tbody>
<tr>
<td>Intermittent failure, system is OK at this time. See Troubleshooting Intermittent Failures.</td>
<td></td>
</tr>
</tbody>
</table>

**Check for a short to power in the driver’s airbag inflator:**
1. Turn the ignition switch OFF.
2. Disconnect the battery negative cable, then disconnect the positive cable, and wait for three minutes.
3. Disconnect the driver’s airbag 2P connector from the cable reel 2P connector.
   **CAUTION:** Do not disconnect the passenger’s airbag connector.
4. Connect the SRS service connector (2Ω) to the cable reel 2P connector.
5. Reconnect the battery positive cable, then reconnect the negative cable.
6. Erase the DTC memory.
7. Read the DTC.

<p>| Is DTC 1-4 indicated? |</p>
<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
</tr>
</thead>
<tbody>
<tr>
<td>Short to power in the driver’s airbag inflator; replace the driver’s airbag</td>
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</tbody>
</table>

**Check for a short to power in the cable reel:**
1. Disconnect the battery negative cable, then disconnect the positive cable, and wait for three minutes.
2. Disconnect the special tool (2Ω) from the cable reel 2P connector.
3. Remove the dashboard lower cover, and disconnect the cable reel 2P connector from the SRS main harness.
4. Connect the special tool (2Ω) to the SRS main harness 2P connector.

To Part 2 of 2

DTC 1-4 (Part 1 Of 2)
From Part 1 of 2

Check for a short to power in the cable real (cont'd):
5. Reconnect the battery positive cable, then reconnect the negative cable.
6. Clear the DTC memory.
7. Read the DTC.

Is DTC 1-4 indicated?

<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
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</thead>
</table>

Short to power in the cable real: replace the cable real.

Check for a short to power in the SRS main harness:
1. Disconnect the battery negative cable, then disconnect the positive cable, and wait for three minutes.
2. Disconnect the front passenger's airbag connector from the SRS main harness (with front passenger's airbag).
3. Remove the special tool (22) from the SRS main harness 7P connector.
4. Disconnect the SRS main harness 18P connector from the SRS unit.
5. Reconnect the battery positive cable, then reconnect the negative cable.
6. Connect a voltmeter between the No. 1 (+) terminal of the SRS main harness 18P connector and body ground.
7. Turn the ignition switch ON (II), and measure voltage. There should be 0.5 V or less.
8. Turn the ignition switch OFF.
9. Connect a voltmeter between the No. 13 (+) terminal of the SRS main harness 18P connector and body ground.
10. Turn the ignition switch ON (II), and measure voltage. There should be 0.5 V or less.

Are voltages as specified?

<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
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</thead>
</table>

Faulty SRS unit; replace the SRS unit.

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

DTC 1-4 (Part 2 Of 2)
CAUTION: Whenever the ignition switch is ON (II), or has been turned OFF for less than three minutes, be careful not to bump the SRS unit; the airbag(s) could accidentally deploy and cause damage or injuries.

Try to reproduce the SRS indicator light:
1. Erase the DTC memory.
2. Turn the ignition switch ON (II), and check that the SRS indicator light comes on for about six seconds and goes off.
Does the SRS indicator light stay on?

YES
NO

Intermittent failure, system is OK at this time. See Troubleshooting Intermittent Failures.

Check for a short to ground in the driver’s airbag inflator:
1. Turn the ignition switch OFF.
2. Disconnect the battery negative cable, then disconnect the positive cable, and wait for three minutes.
3. Disconnect the driver’s airbag 2P connector from the cable reel 2P connector.
   CAUTION: Do not disconnect the passenger’s airbag connector.
4. Connect the special tool (2 Ω) to the cable reel 2P connector.
5. Reconnect the battery positive cable, then reconnect the negative cable.
6. Erase the DTC memory.
7. Read the DTC.

Is DTC 1-5 indicated?

YES
NO

Short to ground in the driver’s airbag inflator; replace the driver’s airbag.

Check for a short to ground in the cable reel:
1. Disconnect the battery negative cable, then disconnect the positive cable, and wait for three minutes.
2. Disconnect the special tool (2 Ω) from the cable reel 2P connector.
3. Remove the dashboard lower cover, and disconnect the cable reel 2P connector from the SRS main harness.
4. Connect the Special tool (2 Ω) to the SRS main harness 2P connector.

To Part 2 of 2

DTC 1-5 (Part 1 Of 2)
DTC 1-5 (Part 2 Of 2)
CAUTION: Whenever the ignition switch is ON (II), or has been turned OFF for less than three minutes, be careful not to bump the SRS unit; the airbags could accidentally deploy and cause damage or injuries.

Try to reproduce the SRS indicator light:
1. Erase the DTC memory.
2. Turn the ignition switch ON (I), and check that the SRS indicator light comes on for about six seconds and goes off.

Does the SRS Indicator light stay on?

<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
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</table>

Intermittent failure, system is OK at this time. See Troubleshooting Intermittent Failures.

Check for an open in the passenger's airbag inflator:
1. Turn the ignition switch OFF.
2. Disconnect the battery negative cable, then disconnect the positive cable, and wait for three minutes.
3. Disconnect the front passenger's airbag connector from the SRS main harness.
4. Connect the special tool (2 Q) to the SRS main harness 2P connector.
   CAUTION: Do not disconnect the driver's airbag connector.
5. Reconnect the battery positive cable, then reconnect the negative cable.
6. Erase the DTC memory.
7. Read the DTC.

Is DTC 2-1 or DTC 2-2 indicated?

<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
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</table>

Open or increased resistance in the passenger's airbag inflator; replace the passenger's airbag.

To Part 2 of 2

DTC 2-1 And DTC 2-2 (With Front Passenger's Airbag) (Part 1 Of 2)
Check for an open in the SRS main harness:
1. Disconnect the battery negative cable, then disconnect the positive cable, and wait for three minutes.
2. Disconnect the driver's airbag 2P connector from the cable and 2P connector.
3. Disconnect the SRS main harness 18P connector from the SRS unit. Do not disconnect the special tool 20 from the SRS main harness 2P connector.
4. Check resistance between the No. 10 terminal and No. 14 terminal of the SRS main harness 18P connector. There should be approx. 2.0 - 3.0 Ω.

<table>
<thead>
<tr>
<th>Is the resistance as specified?</th>
</tr>
</thead>
<tbody>
<tr>
<td>YES</td>
</tr>
<tr>
<td>NO</td>
</tr>
</tbody>
</table>

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.

Open or increased resistance in the SRS main harness: replace the harness.

DTC 2-1 And DTC 2-2 (With Front Passenger's Airbag) (Part 2 Of 2)
**CAUTION:** Whenever the ignition switch is ON (II), or has been turned OFF for less than three minutes, be careful not to bump the SRS unit, the airbag could accidentally deploy and cause damage or injuries.

Try to reproduce the SRS indicator light:
1. Erase the DTC memory.
2. Turn the ignition switch ON (II), and check that the SRS indicator light comes on for about six seconds and goes off.

Does the SRS indicator light stay on?

<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
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</table>

Intermittent failure, system is OK at this time. See Troubleshooting Intermittent Failures.

Check for an open or increased resistance in the dummy resistor:
1. Turn the ignition switch OFF.
2. Remove the dummy resistor from the SRS main harness 2P connector.
3. Check resistance between the A and B terminals of the dummy resistor. There should be 1.5 – 2.5 Ω.

Is the resistance as specified?

<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
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</table>

Faulty dummy resistor; replace the dummy resistor.

Check for an open or increased resistance in the SRS main harness:
1. Disconnect the battery negative cable; then disconnect the positive cable, and wait for three minutes.
2. Disconnect the driver's airbag 2P connector from the cable reel 2P connector.
3. Disconnect the SRS main harness 18P connector from the SRS unit.
4. Connect the dummy resistor to SRS main harness 2P connector.
5. Check resistance between No. 10 terminal and No. 14 terminal of the SRS main harness 18P connector. There should be approx. 1.5 – 2.5 Ω.

Is the resistance as specified?

<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
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</table>

Poor contact at 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.

Open or increased resistance in the SRS main harness; replace the harness.

DTC 2-1 And DTC 2-2 (Without Front Passenger's Airbag)
CAUTION: Whenever the ignition switch is ON (II), or has been turned OFF for less than three minutes, be careful not to bump the SRS unit: the airbags could accidentally deploy and cause damage or injuries.

Try to reproduce the SRS indicator light:
1. Erase the DTC memory.
2. Turn the ignition switch ON (II), and check that the SRS indicator light comes on for about six seconds and goes off.

Does the SRS Indicator light stay on?

YES  NO

Intermittent failure, system is OK at this time. See Troubleshooting Intermittent Failures.

Check for an open in the passenger's airbag inflator:
1. Turn the ignition switch OFF.
2. Disconnect the battery negative cable, then disconnect the positive cable, and wait for three minutes.
3. Disconnect the front passenger's airbag connector from the SRS main harness.
4. Connect the special tool (2 Q) to the SRS main harness 2P connector.
   CAUTION: Do not disconnect the driver's airbag connector.
5. Reconnect the battery positive cable, then reconnect the negative cable.
6. Erase the DTC memory.
7. Read the DTC.

Is DTC 2-1 or DTC 2-2 indicated?

YES  NO

Open or increased resistance in the passenger's airbag inflator: replace the passenger's airbag.

DTC 2-1 And DTC 2-2 (With Front Passenger's Airbag) (Part 1 Of 2)
DTC 2-1 And DTC 2-2 (With Front Passenger's Airbag) (Part 2 Of 2)

From Part 1 of 2

Check for an open in the SRS main harness:
1. Disconnect the battery negative cable, then disconnect the positive cable, and wait for three minutes.
2. Disconnect the driver's airbag 2P connector from the cable and 2P connector.
3. Disconnect the SRS main harness 18P connector from the SRS unit. Do not disconnect the special tool (2 Ø) from the SRS main harness 2P connector.
4. Check resistance between the No. 10 terminal and No. 14 terminal of the SRS main harness 18P connector. There should be approx. 2.0 – 3.0 Ø.

Is the resistance as specified?

YES

NO

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.

Open or increased resistance in the SRS main harness: replace the harness.
DTC 2-1 And DTC 2-2 (Without Front Passenger's Airbag)
CAUTION: Whenever the ignition switch is ON (II), or has been turned OFF for less than three minutes, be careful not to bump the SRS unit; the airbag could accidentally deploy and cause damage or injuries.

Try to reproduce the SRS Indicator light:
1. Erase the DTC memory.
2. Turn the ignition switch ON (II), and check that the SRS indicator light comes on for about six seconds and goes off.

Does the SRS Indicator light stay on?

<table>
<thead>
<tr>
<th>Yes</th>
<th>No</th>
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<tbody>
<tr>
<td></td>
<td></td>
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<tr>
<td>Intermittent failure, system is OK at this time. See Troubleshooting Intermittent Failures.</td>
<td></td>
</tr>
</tbody>
</table>

Check for a short to another wire or decreased resistance in the passenger's airbag inflator:
1. Turn the ignition switch OFF.
2. Disconnect the battery negative cable, then disconnect the positive cable, and wait for three minutes.
3. Disconnect the front passenger's airbag 2P connector from the SRS main harness.
4. Connect the special tool (221I) to the SRS main harness 2P connector.

CAUTION: Do not disconnect the driver's airbag connector.
5. Reconnect the battery positive cable, then reconnect the negative cable.
6. Erase the DTC memory.
7. Read the DTC.

Is DTC 2-3 indicated?

<table>
<thead>
<tr>
<th>Yes</th>
<th>No</th>
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<tbody>
<tr>
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<tr>
<td>Short to another wire or decreased resistance in the passenger's airbag inflator; replace the passenger's airbag.</td>
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</tbody>
</table>

To Part 2 of 2

DTC 2-3 (With Front Passenger's Airbag) (Part 1 Of 2)
DTC 2-3 (With Front Passenger's Airbag) (Part 2 Of 2)

Check for a short to another wire or decreased resistance in the SRS main harness:
1. Disconnect the battery negative cable, then disconnect the positive cable, and wait for three minutes.
2. Disconnect the driver's airbag 2P connector from the cable reel 2P connector.
3. Disconnect the SRS main harness 18P connector from the SRS unit. Do not disconnect the special tool [2.0] from the SRS main harness 2P connector.
4. Check resistance between the No. 10 terminal and No. 14 terminal of the SRS main harness 18P connector. There should be approx. 2.0 – 3.0 kΩ.

Is the resistance as specified?

<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
</tr>
</thead>
</table>

Faulty SRS unit; replace the SRS unit.

Short to another wire or decreased resistance in the SRS main harness; replace the SRS main harness.
DTC 2-3 (Without Front Passenger's Airbag)
CAUTION: Whenever the ignition switch is ON (II), or has been turned OFF for less than three minutes, be careful not to bump the SRS unit; the airbags could accidentally deploy and cause damage or injuries.

Try to reproduce the SRS indicator light:
1. Erase the DTC memory.
2. Turn the ignition switch ON (II), and check that the SRS indicator light comes on for about six seconds and goes off.

Does the SRS indicator light stay on?

YES

NO

Intermittent failure, system is OK at this time. See Troubleshooting Intermittent Failures.

Check for a short to power in the passenger’s airbag inflator:
1. Turn the ignition switch OFF.
2. Disconnect the battery negative cable, then disconnect the positive cable, and wait for three minutes.
3. Disconnect the front passenger’s airbag 2P connector from the SRS main harness.
4. Connect the special tool (2 0) to the SRS main harness 2P connector.
   **CAUTION:** Do not disconnect the driver’s airbag connector.
5. Reconnect the battery positive cable, then reconnect the negative cable.
6. Erase the DTC memory.
7. Read the DTC.

Is DTC 2-4 indicated?

YES

NO

Short to power in the passenger’s airbag inflator; replace the passenger’s airbag.

To Part 2 of 2
Check for a short to power in the SRS main harness:

1. Disconnect the battery negative cable, then disconnect the positive cable, and wait for three minutes.
2. Disconnect the driver's airbag 2P connector from the cable reel 2P connector.
3. Disconnect the SRS main harness 18P connector from the SRS unit.
4. Remove the special tool (2.0) from the SRS main harness 2P connector.
5. Reconnect the battery positive cable, then reconnect the negative cable.
6. Connect a voltmeter between the No. 10 (+) terminal of SRS main harness 18P connector and ground.
7. Turn the ignition switch ON (III), and measure voltage. There should be 0.5 V or less.
8. Connect a voltmeter between the No. 14 (+) terminal of the DRG main harness 18P connector and ground, and measure voltage. There should be 0.5 V or less.

Are voltages as specified?

YES

NO

Faulty SRS unit; replace the SRS unit.

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

DTC 2-4 (With Front Passenger's Airbag) (Part 2 Of 2)
CAUTION: Whenever the ignition switch is ON (II), or has been turned OFF for less than three minutes, be careful not bump the SRS unit; the airbag could accidentally deploy and cause damage or injuries.

Try to reproduce the SRS indicator light:
1. Erase the DTC memory.
2. Turn the ignition switch ON (II), and check that the SRS indicator light comes on for about six seconds and goes off.

Does the SRS Indicator light stay on?

<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Intermittent failure, system is OK at this time. See Troubleshooting Intermittent Failures

Check for a short to power in the SRS main harness:
1. Disconnect the battery negative cable, then disconnect the positive cable, and wait for three minutes.
2. Disconnect the driver's airbag 2P connector from the cable reel 2P connector
3. Disconnect the SRS main harness 18P connector from the SRS unit.
4. Reconnect the battery positive cable, then reconnect the negative cable.
5. Connect a voltmeter between the No. 10 (+) terminal of the SRS main harness 18P connector and ground.
6. Turn the ignition switch ON (II), and measure voltage. There should be 0.5 V or less.
7. Connect a voltmeter between the No. 14 (+) terminal of the SRS main harness 18P connector and ground, and measure voltage. There should be 0.5 V or less.

Are voltages as specified?

<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
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</thead>
<tbody>
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</table>

Faulty SRS unit; replace the SRS unit

Short to power in the SRS main harness or the dummy resistor; check for contact between the dummy resistor and another wire. If there is no contact, replace the SRS main harness.

DTC 2-4 (Without Front Passenger's Airbag)
CAUTION: Whenever the ignition switch is ON (II), or has been turned OFF for less than three minutes, be careful not to bump the SRS unit; the airbags could accidentally deploy and cause damage or injuries.

Try to reproduce the SRS indicator light:
1. Erase the DTC memory.
2. Turn the ignition switch ON (II), and check that the SRS indicator light comes on for about six seconds and goes off.

Does the SRS indicator light stay on?

<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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</tbody>
</table>

Intermittent failure, system is OK at this time. See Troubleshooting Intermittent Failures.

Check for a short to ground in the passenger's airbag inflator:
1. Turn the ignition switch OFF.
2. Disconnect the battery negative cable, then disconnect the positive cable, and wait for three minutes.
3. Disconnect the front passenger's airbag 2P connector from the SRS main harness.
4. Connect the special tool (2 Ω) to the SRS main harness 2P connector.
   CAUTION: Do not disconnect the driver's airbag connector.
5. Reconnect the battery positive cable, then reconnect the negative cable.
6. Erase the DTC memory.
7. Read the DTC.

Is DTC 2-5 indicated?

<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
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</tbody>
</table>

Short to ground in the passenger's airbag inflator; replace the passenger's airbag.

DTC 2-5 (With Front Passenger's Airbag) (Part 1 Of 2)
DTC 2-5 (With Front Passenger's Airbag) (Part 2 Of 2)

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

Try to reproduce the SRS indicator light:
1. Erase the DTC memory.
2. Turn the ignition switch ON (II), and check that the SRS indicator light comes on for about six seconds and goes off.

Does the SRS indicator light stay on?

YES

Intermittent failure, system is OK at this time. See Troubleshooting Intermittent Failures.

NO

Check for a short to ground in the SRS main harness:
1. Disconnect the battery negative cable, then disconnect the positive cable, and wait for three minutes.
2. Disconnect the driver's airbag 2P connector from the cable reel 2P connector.
3. Disconnect the SRS main harness 18P connector from the SRS unit.
4. Check resistance between No. 10 terminal of the SRS main harness 18P connector and ground, and between the No. 14 terminal of the SRS main harness 18P connector and ground. There should be 1 MΩ or more.

Is the resistance as specified?

YES

Faulty SRS unit; replace the SRS unit.

NO

Short to ground in the SRS main harness or the dummy resistor; check for contact between the dummy resistor and ground. If there is no contact, replace the SRS main harness.
DTC 2-5 (Without Front Passenger's Airbag)

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

Besides indicating an abnormality in the SRS unit, DTC 8-6 may also indicate that two problems equivalent to DTC 1-1 and 2-4, 1-4 and 2-1, or 1-4 and 2-4 occurred at the same time. Proceed in the order shown below.

**Check the SRS main harness:**
1. Disconnect the battery negative cable, then disconnect the positive cable, and wait for three minutes.
2. Disconnect the driver's airbag (and front passenger's airbag) connector(s).
3. Disconnect the SRS main harness 18P connector from the SRS unit.
4. Reconnect the battery positive cable, then reconnect the negative cable.
5. Turn the ignition switch ON (II).
6. Connect a voltmeter and measure voltage between the No. 10 terminal of the SRS main harness 18P connector and ground, and between the No. 14 terminal and ground. There should be approx. 0 – 0.5 V.

**Are voltages as specified?**

**YES**

- Short to power in the SRS main harness; replace the SRS main harness.

**NO**

- Faulty SRS unit; replace the SRS unit.

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**DTC 8-6 (Part 1 Of 2)**

**Check the cable reel:**
1. Turn the ignition switch OFF.
2. Disconnect the cable reel 2P connector from the SRS main harness.
3. Turn the ignition switch ON (II).
4. Connect a voltmeter and measure voltage between the No. 1 terminal of the SRS main harness 18P connector and ground, and between the No. 13 terminal and ground. There should be approx. 0 – 0.5 V.

**Are voltages as specified?**

**YES**

- Short to power in the cable reel; replace the cable reel.

**NO**

- Short to power in the SRS main harness; replace the SRS main harness.

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**DTC 8-6 (Part 2 Of 2)**

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**DTC 9-2**
CAUTION: Whenever the ignition switch is ON (III), or has been turned OFF for less than three minutes, be careful not to bump the SRS unit; the airbag(s) could accidentally deploy and cause damage or injuries.

Check the fuse:
1. Turn the ignition switch OFF.
2. Check for blown No. 23 (10 A) fuse in the under-dash fuse/relay box.

Is the fuse OK?
YES
NO

I.A. To Part 2 of 3

Replace the fuse. Turn the ignition switch ON (III), and check that the fuse doesn’t blow.

Is the fuse OK?
YES
NO

The problem has disappeared. Test-drive the vehicle and see Troubleshooting Intermittent Failures.

Check for short to ground between the under-dash fuse/relay box and the SRS unit:
1. Turn the ignition switch OFF.
2. Disconnect the battery negative cable, then disconnect the positive cable, and wait for three minutes.
3. Disconnect the driver’s (and front passenger’s) airbag connector(s).
4. Disconnect the SRS main harness 18P connector from the SRS unit.
5. Check resistance between the No. 2 terminal of the SRS main harness 18P connector and ground. There should be 1 MΩ or more.

Is the resistance as specified?
YES
NO

Faulty SRS unit; replace the SRS unit.

DTC 9-2 (Part 1 Of 3)
Check for short to ground in the SRS main harness:
1. Disconnect the SRS main harness 2P connector from the under-dash fuse/relay box.
2. Check resistance between the No. 3 terminal of the SRS main harness 18P connector and ground. There should be 1.0 MΩ or more.

Is the resistance as specified?

YES  NO

Short to ground in the under-dash fuse/relay box; replace the under-dash fuse/relay box.

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

Check for an open in the SRS main harness:
1. Turn the ignition switch OFF.
2. Disconnect the battery negative cable, then disconnect the positive cable, and wait for three minutes.
3. Disconnect the driver's (and front passenger's) airbag connector.
4. Disconnect the SRS main harness 18P connector from the SRS unit.
5. Reconnect the battery positive cable, then reconnect the negative cable.
6. Connect a voltmeter between the No. 3 terminal of the SRS main harness 18P connector and ground.
7. Turn the ignition switch ON (II), and measure voltage.

Is there battery voltage?

YES  NO

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.

DTC 9-2 (Part 2 Of 3)
Check for an open in the SRS main harness:
1. Turn the ignition switch OFF.
2. Disconnect the SRS main harness 2P connector from the under-dash fuse/relay box.
3. Check resistance between the No. 2 terminal of the SRS main harness 2P connector and No. 3 terminal of the SRS main harness 18P connector.
   There should be 0 - 0.5 Ω.

Is the resistance as specified?

YES

Poor contact at the SRS main harness 2P connector; check the connector.
   • If the connector is OK, substitute a known-good under-dash fuse/relay box, and recheck.
   • If the problem is still present, replace the SRS main harness.

NO

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

DTC 9-2 (Part 3 Of 3)