

# Troubleshooting (SRS-Type III)

## The SRS Indicator Light Doesn't Come On

**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.

Check the power supply (fuse):

Turn the ignition switch ON (II), and check whether the other indicator lights come on or not (brake system light, etc.).

Do the other indicator lights come on?

YES

NO

Check the No. 24 (15 A) fuse in the under-dash fuse/relay box.

Is the fuse OK?

YES

NO

Replace the No. 24 (15 A) fuse, and check that the SRS indicator light comes on.

Does the SRS indicator light come on?

YES

NO

END

Check for an open in the wire harness between fuse No. 24 (15 A) and the gauge assembly, and repair. Check that the SRS indicator light comes on.

Does the SRS indicator light come on?

YES

NO

END

Check the SRS unit:

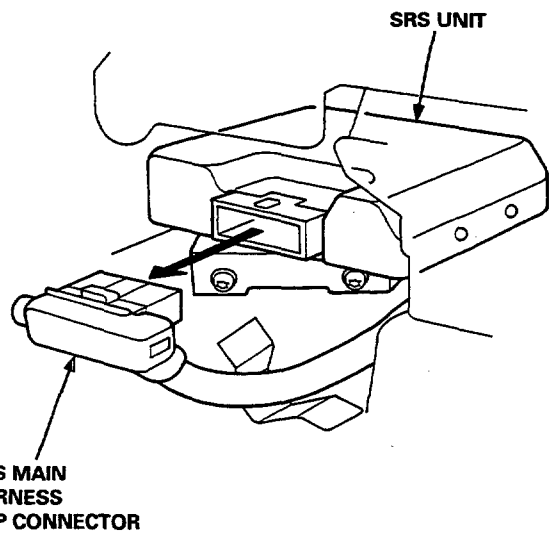
1. Turn the ignition switch OFF.
2. Disconnect the battery negative cable, then the positive cable, and wait for three minutes.
3. Connect the short connectors (RED) to the airbag connectors (see page 23-B10).
4. Disconnect the SRS main harness 18-P connector from the SRS unit.
5. Reconnect the battery positive cable, then the negative cable.
6. Turn the ignition switch ON (II), and check that the SRS indicator light comes on.

Does the SRS indicator light come on?

YES

NO

Faulty SRS unit; replace the unit.



To page 23-B17

From page 23-B16

Check the SRS indicator circuit input voltage:

1. Turn the ignition switch OFF.
2. Connect Test Harness B between the SRS unit and the SRS main harness 18-P connector.
3. Connect jumper wires, as shown, to the No. 13, 14, 15, and 16 terminals on rows A (SRS unit end) and B (SRS main harness end) of Test Harness B.  
NOTE: Be careful not to connect the jumper wires to other terminals.
4. Connect a voltmeter between terminals A11 (+) and A5 (-).
5. Turn the ignition switch ON (II), and measure voltage.

Is there 8.5 V or less for six seconds after the ignition switch has been turned ON (II)?

YES

NO

Faulty SRS unit; replace the SRS unit.

Check the SRS indicator light bulb:

1. Turn the ignition switch OFF, and disconnect Test Harness B.
2. Connect the SRS main harness 18-P connector to the SRS unit.
3. Remove the gauge assembly.
4. Check for blown SRS indicator light bulb.

Is the SRS indicator light bulb OK?

YES

NO

Replace the bulb, and reconnect the gauge assembly connectors. Then turn the ignition switch ON (II).

Does the SRS indicator light come on?

YES

NO

END

Check the SRS indicator light circuit:

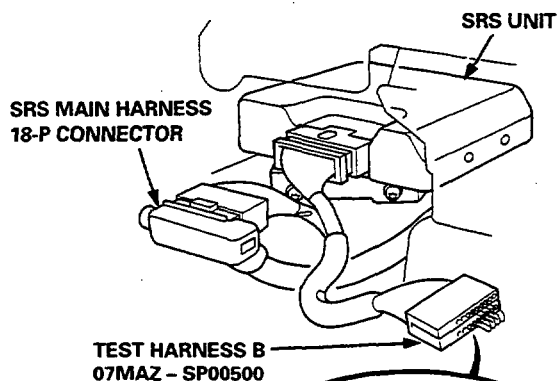
1. Disconnect the dashboard wire harness 6-P connector from the gauge assembly.
2. Connect a voltmeter between the No. 6 terminal (+) of the 6-P connector and ground.
3. Turn the ignition switch ON (II), and measure voltage.

Is there 8.5 V or less for six seconds after the ignition switch has been turned ON (II)?

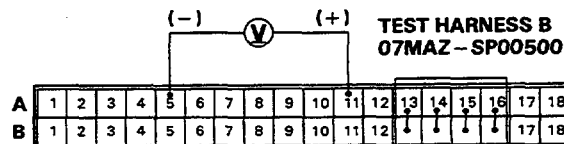
YES

NO

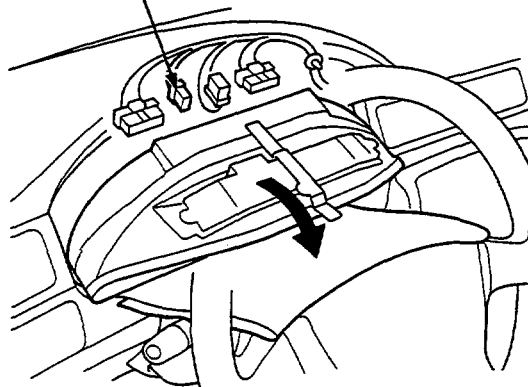
Faulty SRS indicator light circuit in the gauge assembly; replace the gauge assembly.



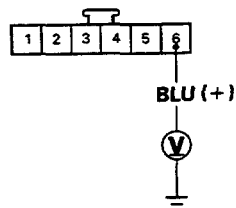
JUMPER WIRE 07QAZ - SR30100



DASHBOARD WIRE HARNESS 6-P CONNECTOR



DASHBOARD WIRE HARNESS 6-P CONNECTOR



View from wire side

(cont'd)

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# Troubleshooting (SRS-Type III)

## The SRS Indicator Light Doesn't Come On (cont'd)

From page 23-B17

- Check the wire harness of the SRS indicator light circuit (1):
1. Turn the ignition switch OFF.
  2. Disconnect the dashboard wire harness 20-P connector (LHD) or 18-P connector (RHD) from the main wire harness.
  3. Connect a voltmeter between the No. 16 terminal (+) of the main wire harness 20-P (LHD) or 18-P (RHD) connector and ground.
  4. Turn the ignition switch ON (II), and measure voltage.

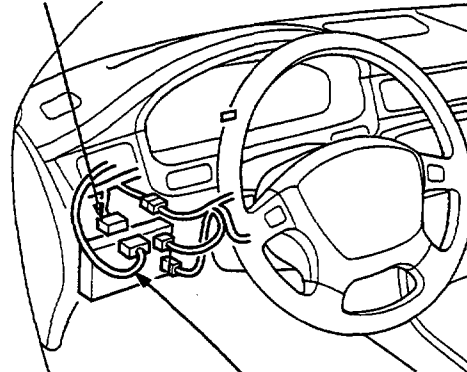
Is there 8.5 V or less for six seconds after the ignition switch has been turned ON?

YES

NO

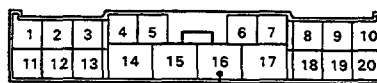
Short to power in the BLU wire of the dashboard wire harness; replace the harness.

MAIN WIRE HARNESS  
20-P (LHD) or 18-P (RHD) CONNECTOR



MAIN WIRE HARNESS  
20-P CONNECTOR (LHD)

DASHBOARD WIRE  
HARNESS



BLU (+)



MAIN WIRE HARNESS  
18-P CONNECTOR (RHD)



View from  
terminal side

BLU (+)



- Check the wire harness of the SRS indicator light circuit (2):
1. Turn the ignition switch OFF.
  2. Disconnect the SRS main harness 6-P connector from the main wire harness.
  3. Connect a voltmeter between the No. 4 terminal (+) of the SRS main harness 6-P connector and ground.
  4. Turn the ignition switch ON (II), and measure voltage.

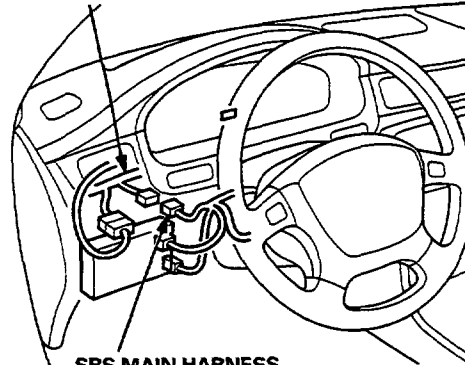
Is there 8.5 V or less for six seconds after the ignition switch has been turned ON (II)?

YES

NO

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

MAIN WIRE HARNESS



SRS MAIN HARNESS  
6-P CONNECTOR



BLU (+)



View from wire side

## DTC 1-1

**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.

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. Connect the short connector (RED) to the driver's airbag assembly.

**CAUTION:** Do not disconnect the passenger's airbag connector.

4. Connect SRS short connector A to the cable reel 3-P connector.
5. Connect the SCS short connector to the service check connector.
6. Reconnect the battery positive cable, then reconnect the negative cable.
7. Turn the ignition switch ON (II), and record the most recent DTC.

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

1-1

1-2

Open in the driver's airbag inflator; replace the driver's airbag assembly (see page 23-B42).

Check for an open in the cable reel:

1. Turn the ignition switch OFF, and remove the SCS short connector.
2. Disconnect the battery negative cable, then disconnect the positive cable, and wait for three minutes.
3. Remove the glove box, and connect the short connector (RED) to the passenger's airbag assembly (see page 23-B10).
4. Remove the dashboard lower cover, and disconnect the cable reel 6-P connector from the SRS main harness.
5. Connect Test Harness C to the cable reel 6-P connector.

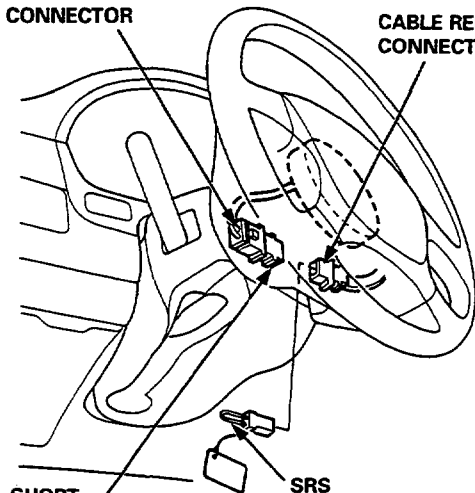
NOTE:

- Do not connect the battery cables.
- Disconnect only the SCS short connector. (cont'd)

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DRIVER'S AIRBAG  
3-P CONNECTOR

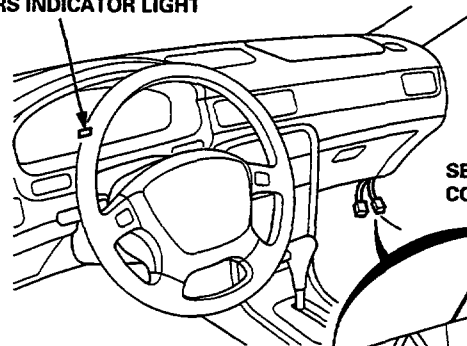
CABLE REEL 3-P  
CONNECTOR



SHORT  
CONNECTOR  
(RED)

SRS  
SHORT CONNECTOR A  
07MAZ - SP00100

SRS INDICATOR LIGHT

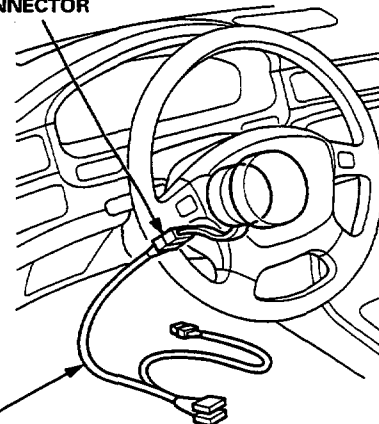


SERVICE CHECK  
CONNECTOR (2-P)

DATA LINK  
CONNECTOR (3-P)

SCS SHORT  
CONNECTOR  
07PAZ - 0010100

CABLE REEL  
6-P CONNECTOR



TEST  
HARNESS C  
07LAZ - SL40300

(cont'd)

# Troubleshooting (SRS-Type III)

## DTC 1-1 (cont'd)

From page 23-B19

Check for an open in the cable reel (cont'd):

6. Check for continuity between the No. 4 and No. 5 terminals of Test Harness C.

Is there continuity?

YES

NO

Open in the cable reel; replace the cable reel (see page 23-B48).

Check the SRS Unit:

1. Connect the SRS main harness 6-P connector to the cable reel.
2. Disconnect the SRS main harness 18-P connector from the SRS unit, and connect Test Harness B.
3. Connect jumper wires, as shown, to the No. 13, 14, 15, and 16 terminals on rows A (SRS unit end) and B (SRS main harness end) of Test Harness B.  
NOTE: Be careful not to connect jumper wires to the other terminals.
4. Connect the battery positive cable, then connect the negative cable.
5. Connect a voltmeter between terminals No. A1 (+) and No. A5 (-) of Test Harness B.
6. Turn the ignition switch ON (II), and measure voltage. There should be 8.0 – 10.5 V.
7. Turn the ignition switch OFF, and measure resistance between terminals No. A7 and A5. There should be 0.65 – 0.75 kΩ.

NOTE: The resistance will be unstable if you measure immediately after you turn the ignition switch OFF. Allow it to settle, then take the reading.

Are voltage and resistance as specified?

YES

NO

Faulty SRS unit; replace the unit (see page 23-B52).

Check for an open in the SRS main harness:

1. Turn the ignition switch OFF.
2. Check for continuity between terminals No. B1 and No. B7 of Test Harness B.

Is there continuity?

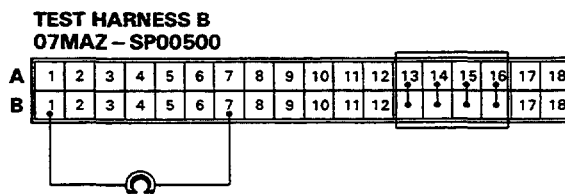
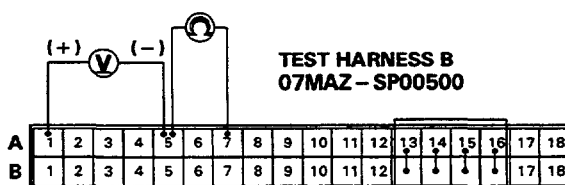
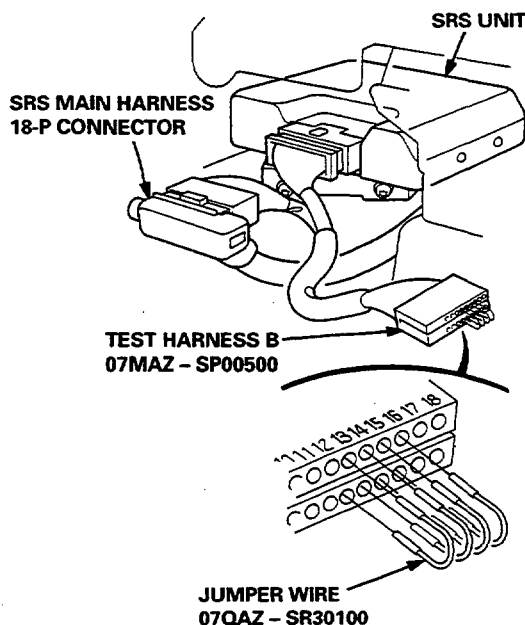
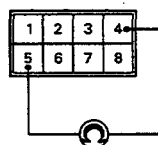
YES

NO

Open in the SRS main harness; replace the harness.

The problem has disappeared due to disconnecting and connecting the connectors. Be sure all terminals make good contact, and recheck the system (see Troubleshooting of Intermittent Failures on page 23-B13).

TEST HARNESS C  
07LAZ – SL40300



## DTC 1-2

**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.

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. Connect the short connector (RED) to the driver's airbag connector.

**CAUTION:**

- Do not connect SRS short connector A to the cable reel 3-P connector.
  - Do not disconnect the passenger's airbag connector.
4. Connect the SCS short connector to the service check connector (2-P).
  5. Reconnect the battery positive cable, then connect the negative cable.
  6. Turn the ignition switch ON (II), and record the most recent DTC.

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

1-2

1-1

Short in the driver's airbag inflator; replace the driver's airbag assembly (see page 23-B42).

Check for a short in the cable reel:

1. Turn the ignition switch OFF.
- NOTE: Do not disconnect the SCS short connector.
2. Remove the dashboard lower cover, and disconnect the SRS main harness 6-P connector from the cable reel.
  3. Turn the ignition switch ON (II), and record the most recent DTC.

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

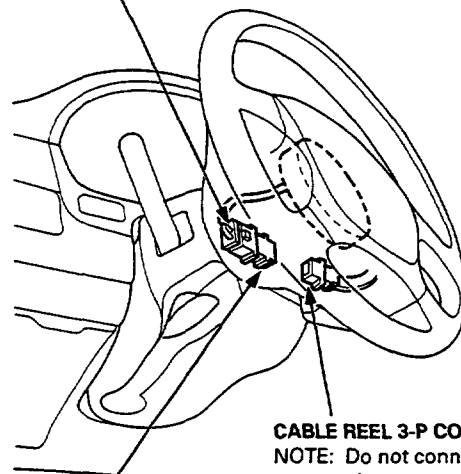
1-2

1-1

Short in the cable reel; replace the cable reel (see page 23-B48).

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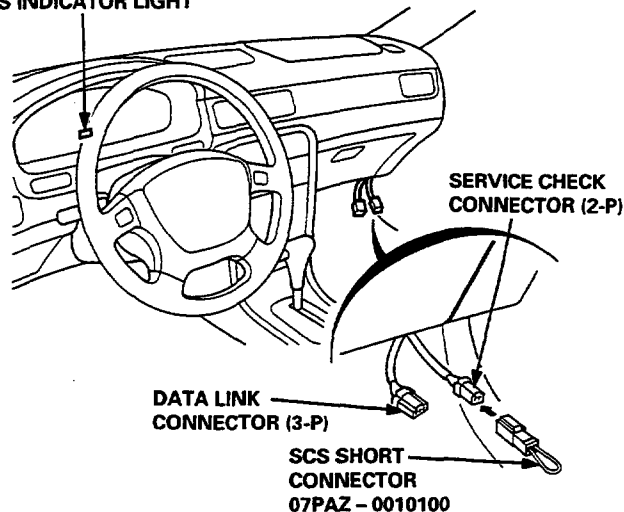
DRIVER'S AIRBAG  
3-P CONNECTOR



SHORT  
CONNECTOR  
(RED)

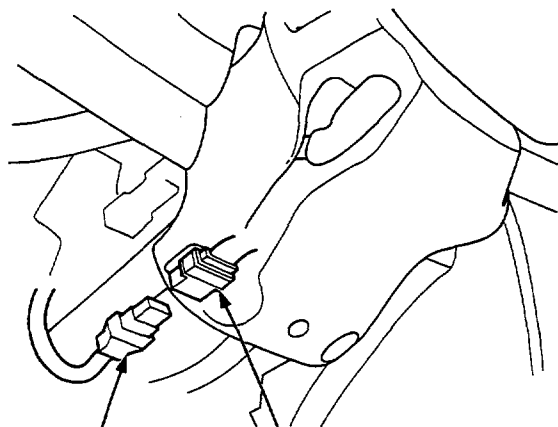
CABLE REEL 3-P CONNECTOR  
NOTE: Do not connect the  
short connector A.

SRS INDICATOR LIGHT



DATA LINK  
CONNECTOR (3-P)

SCS SHORT  
CONNECTOR  
07PAZ - 0010100



SRS MAIN HARNESS  
6-P CONNECTOR

CABLE REEL

(cont'd)

# Troubleshooting (SRS-Type III)

## DTC 1-2 (cont'd)

From page 23-B21

### Check the SRS Unit:

1. Turn the ignition switch OFF, and disconnect the SCS short connector.
2. Disconnect the battery negative cable, then disconnect the positive cable, and wait for three minutes.
3. Remove the glove box, and connect the short connector (RED) to the passenger's airbag 3-P connector.
4. Disconnect the SRS main harness 18-P connector from the SRS unit, and connect Test Harness B between the SRS unit and the 18-P connector.
5. Connect jumper wires, as shown, to the No. 13, 14, 15, and 16 terminals on rows A (SRS unit end) and B (SRS main harness end) of Test Harness B.  
NOTE: Do not connect jumper wires to the other terminals.
6. Connect the battery positive cable, then connect the negative cable.
7. Connect a voltmeter between the No. A1 (+) and A5 (-) terminals of Test Harness B.
8. Turn the ignition switch ON (II), and measure voltage. There should be 8.0 - 10.5 V.
9. Connect the voltmeter between the No. A7 (+) and A5 (-) terminals of Test Harness B, and measure voltage. There should be 0.5 - 0.8 V.

Are the voltages as specified?

YES

NO

Faulty SRS unit; replace the unit (see page 23-B52).

### Check for a short in the SRS main harness:

1. Turn the ignition switch OFF.
2. Check for continuity between the No. B1 and B7 terminals of Test Harness B.  
NOTE: Do not connect the cable reel 6-P connector.

Is there continuity?

YES

NO

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

The problem has disappeared due to disconnecting and connecting the connectors. Be sure all terminals make good contact, and recheck the system (see Troubleshooting of Intermittent Failures on page 23-B13).

FRONT PASSENGER'S  
AIRBAG  
3-P CONNECTOR

SHORT CONNECTOR (RED)

SRS MAIN HARNESS

SRS UNIT

SRS MAIN HARNESS  
18-P CONNECTOR

TEST HARNESS B  
07MAZ - SP00500

JUMPER WIRE  
07QAZ - SR30100

(+) V (-) V (+)

TEST HARNESS B  
07MAZ - SP00500

A	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
B	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18

TEST HARNESS B  
07MAZ - SP00500

A	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
B	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18

## DTC 1-3

**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.

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. Connect the short connector (RED) to the driver's airbag connector.

4. Connect SRS short connector A to the cable reel 3-P connector.

**CAUTION:** Do not disconnect the passenger's airbag connector.

5. Connect the SCS short connector to the service check connector.
6. Reconnect the battery positive cable, then connect the negative cable.
7. Turn the ignition switch ON (II), and record the most recent DTC.

Is DTC 1-3 or DTC 1-2 indicated?

1-3

1-2

Short to power in the driver's airbag inflator; replace the driver's airbag assembly (see page 23-B42).

Check the SRS unit

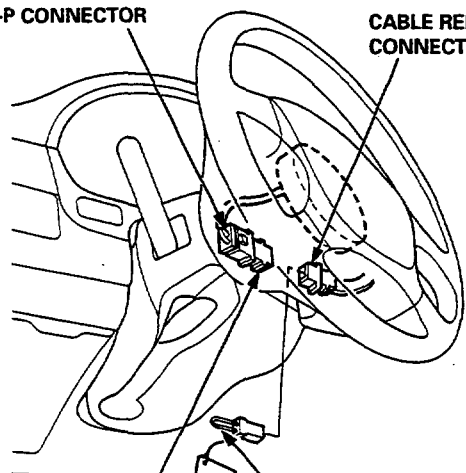
1. Turn the ignition switch OFF, and disconnect the SCS short connector.
2. Disconnect the battery negative cable, then disconnect the positive cable, and wait for three minutes.
3. Remove the glove box, and connect the short connector (RED) to the passenger's airbag connector.
4. Disconnect the SRS main harness 18-P connector from the SRS unit, and connect Test Harness B between the SRS unit and the 18-P connector.

(cont'd)

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DRIVER'S AIRBAG  
3-P CONNECTOR

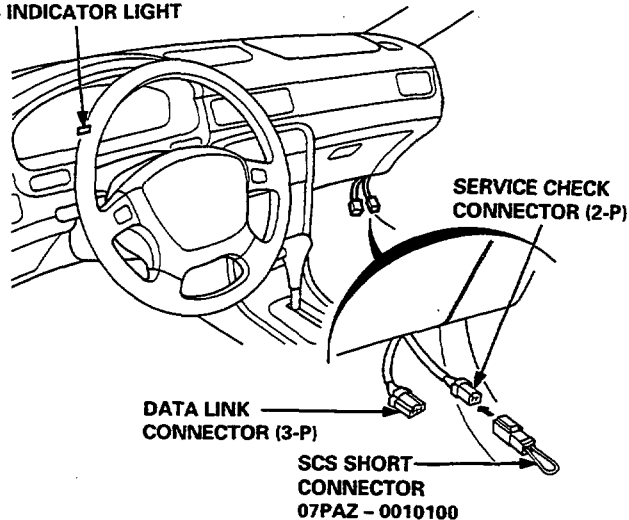
CABLE REEL 3-P  
CONNECTOR



SHORT  
CONNECTOR  
(RED)

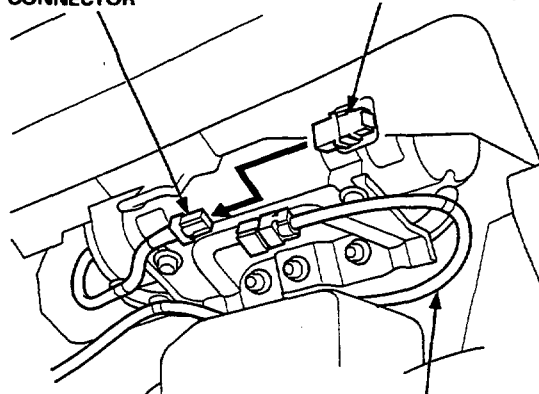
SRS  
SHORT CONNECTOR A  
07MAZ - SP00100

SRS INDICATOR LIGHT



FRONT PASSENGER'S  
AIRBAG  
3-P CONNECTOR

SHORT CONNECTOR (RED)



SRS MAIN HARNESS (cont'd)



# Troubleshooting (SRS-Type III)

## DTC 1-3 (cont'd)

From page 23-B23

### Check the SRS Unit (cont'd):

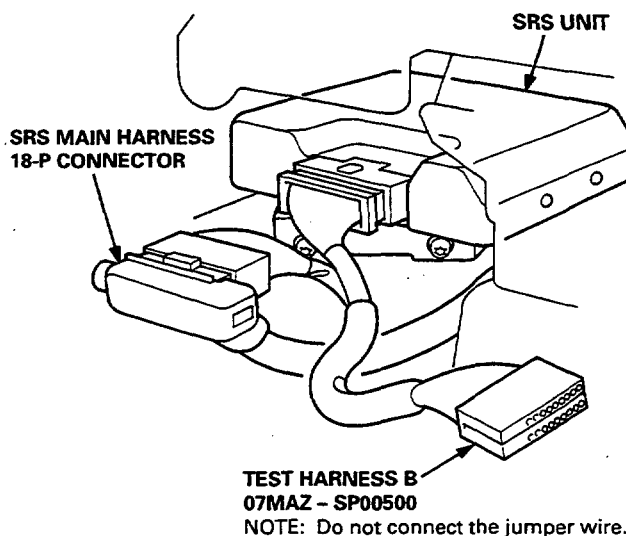
5. Connect the battery positive cable, then connect the negative cable.
6. Connect a voltmeter between the No. B1 and B5 terminals.
- NOTE: Do not connect any jumper wires to Test Harness B.
7. Turn the ignition switch ON (II), and measure voltage. There should be 0.5 V or less.
8. Connect the voltmeter between the terminals No. B5 and B7, and measure voltage. There should be 0.5 V or less.

Are the voltages as specified?

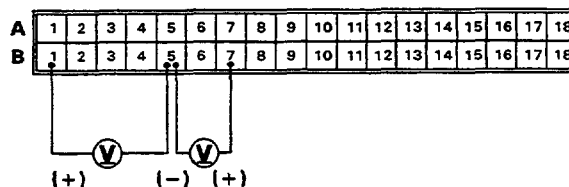
YES

NO

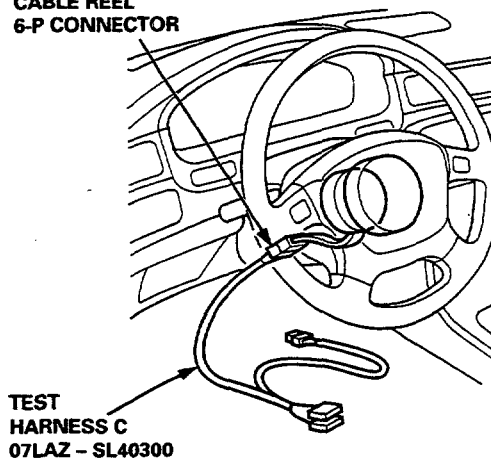
Faulty SRS unit; replace the unit (see page 23-B52).



TEST HARNESS B  
07MAZ - SP00500



CABLE REEL  
6-P CONNECTOR



TEST HARNESS C  
07LAZ - SL40300

### Check for a short to power in the cable reel:

1. Turn the ignition switch OFF.
2. Remove the dashboard lower cover, and disconnect the cable reel 6-P connector from the SRS main harness.
3. Connect Test Harness C to the cable reel 6-P connector.
4. Connect a voltmeter between the No. 4 terminal of Test Harness C and ground.
5. Turn the ignition switch ON (II), and measure voltage. There should be 0.5 V or less.
6. Connect the voltmeter between the No. 5 terminal and ground, and measure voltage. There should be 0.5 V or less.

Are voltages as specified?

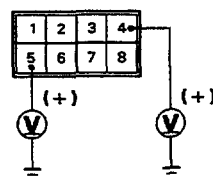
YES

NO

Short to power in the cable reel; replace the cable reel (see page 23-B48).

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

TEST HARNESS C  
07LAZ - SL40300



## DTC 1-4

**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.

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. Connect the short connector (RED) to the driver's airbag connector.
4. Connect SRS short connector A to the cable reel 3-P connector.

**CAUTION:** Do not disconnect the passenger's airbag connector.

5. Connect the SCS short connector to the service check connector.
6. Reconnect the battery positive cable, then connect the negative cable.
7. Turn the ignition switch ON (II), and record the most recent DTC.

Is DTC 1-4 or DTC 1-2 indicated?

1-4

1-2

Short to ground in the driver's airbag inflator; replace the driver's airbag assembly (see page 23-B42).

Check the SRS unit:

1. Turn the ignition switch OFF, and disconnect the SCS short connector.
2. Disconnect the battery negative cable, then disconnect the positive cable, and wait for three minutes.
3. Remove the glove box, and connect the short connector (RED) to the passenger's airbag connector.
4. Disconnect the SRS main harness 18-P connector from the SRS unit, and connect Test Harness B between the SRS unit and the 18-P connector. (cont'd)

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DRIVER'S AIRBAG  
3-P CONNECTOR

CABLE REEL 3-P  
CONNECTOR

SHORT  
CONNECTOR  
(RED)

SRS  
SHORT CONNECTOR A  
07MAZ - SP00100

SRS INDICATOR LIGHT

SERVICE CHECK  
CONNECTOR (2-P)

DATA LINK  
CONNECTOR (3-P)

SCS SHORT  
CONNECTOR  
07PAZ - 0010100

FRONT PASSENGER'S  
AIRBAG  
3-P CONNECTOR

SHORT CONNECTOR (RED)

SRS MAIN HARNESS

(cont'd)

# Troubleshooting (SRS-Type III)

## DTC 1-4 (cont'd)

From page 23-B25

Check the SRS Unit (cont'd):

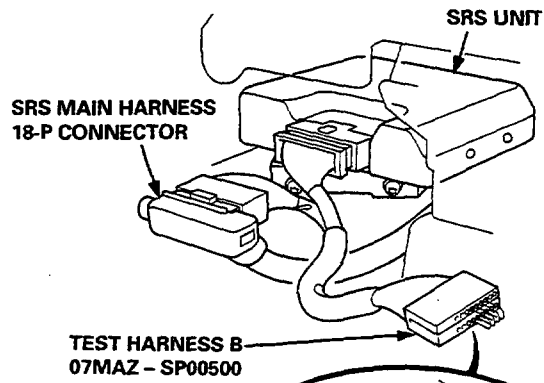
5. Connect jumper wires to the No. 13, 14, 15, and 16 terminals on rows A (SRS unit end) and B (SRS main harness end) of Test Harness B.  
NOTE: Do not connect jumper wires to the other terminals.
6. Connect the battery positive cable, then connect the negative cable.
7. Connect a voltmeter between the No. A1 (+) and A5 (-) terminals of Test Harness B.
8. Turn the ignition switch ON (II), and measure voltage. There should be 8.0 – 10.5 V.
9. Turn the ignition switch OFF, and measure resistance between the No. A7 and A5 terminals. There should be 0.65 – 0.75 k $\Omega$ .  
NOTE: The resistance will be unstable if you measure immediately after you turn the ignition switch OFF. Allow it to settle, then take the reading.

Are voltage and resistance as specified?

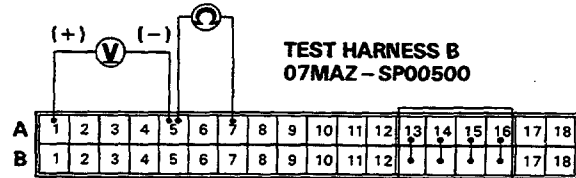
YES

NO

Faulty SRS unit; replace the unit (see page 23-B52).



JUMPER WIRE 07QAZ - SR30100



Check for a short to ground in the cable reel:

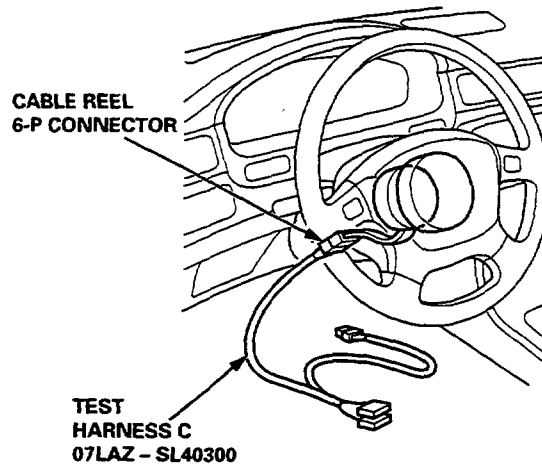
1. Turn the ignition switch OFF.
2. Remove the dashboard lower cover, and disconnect the cable reel 6-P connector from the SRS main harness.
3. Connect Test Harness C to the cable reel 6-P connector.
4. Check for continuity between the No. 4 terminal of Test Harness C and ground, and between the No. 5 terminal of Test Harness C and ground.

Is there continuity?

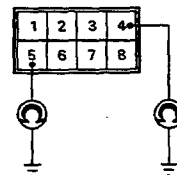
YES

NO

Short to ground in the cable reel; replace the cable reel (see page 23-B48).



TEST HARNESS C 07LAZ - SL40300



To page 23-B27

From page 23-B26

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

1. Disconnect Test Harness C from the cable reel 6-P connector, and reconnect the cable reel 6-P connector to the SRS main harness.

2. Check for continuity between the No. B1 and B5 terminals, and the No. B5 and B7 terminals of Test Harness B.

**CAUTION:**

- Make sure the ignition switch is turned OFF.
- Do not disconnect the SRS short connector A from the cable reel 3-P connector.

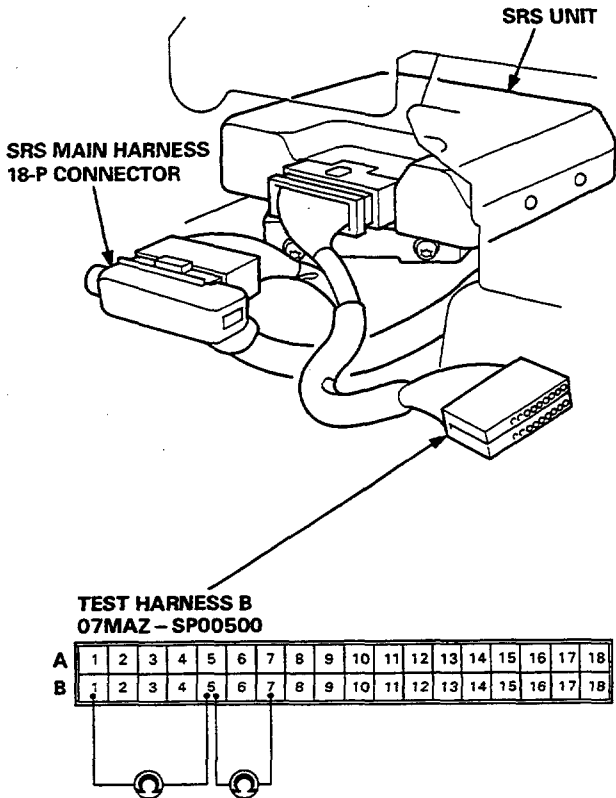
Is there continuity?

YES

NO

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

The problem has disappeared due to disconnecting and connecting the connectors. Be sure all terminals make good contact, and recheck the system (see Troubleshooting of Intermittent Failures on page 23-B13).



# Troubleshooting (SRS-Type III)

## DTC 2-1

**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.

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. Connect the short connector (RED) to the passenger's airbag connector.
4. Connect the SRS short connector A to the SRS main harness 3-P connector.

**CAUTION:** Do not disconnect the driver's airbag connector.

5. Connect the SCS short connector to the service check connector.
6. Reconnect the battery positive cable, then connect the negative cable.
7. Turn the ignition switch ON (II), and record the most recent DTC.

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

2-1

2-2

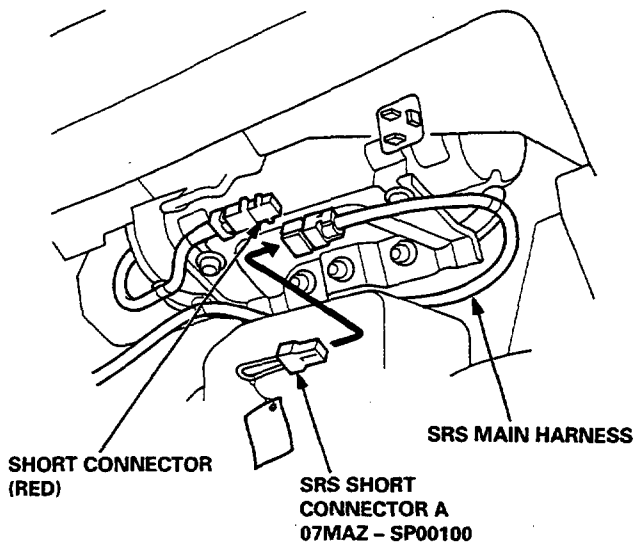
Open in the passenger's airbag inflator; replace the passenger's airbag assembly (see page 23-B42).

Check the SRS unit:

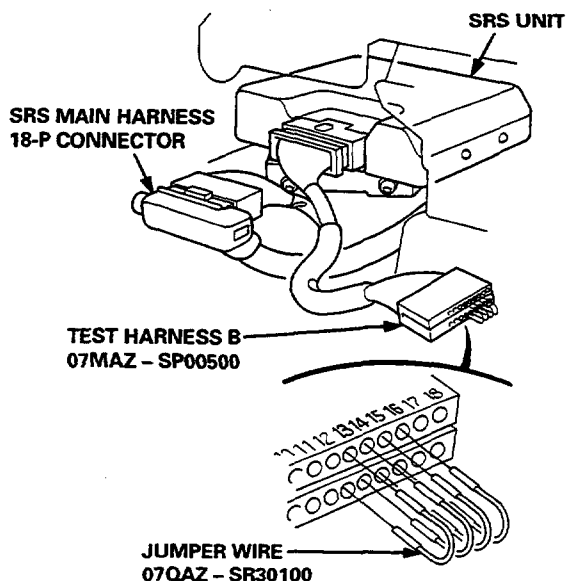
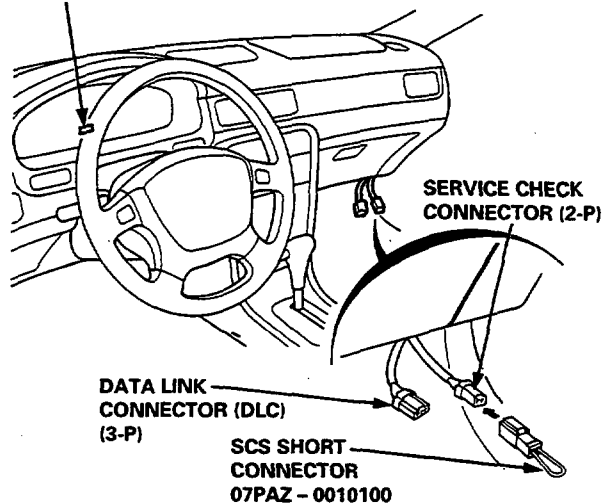
1. Turn the ignition switch OFF, and remove the SCS short connector.
2. Disconnect the battery negative cable, then disconnect the positive cable, and wait for three minutes.
3. Connect the short connector (RED) to the driver's airbag connector.
4. Disconnect the SRS main harness 18-P connector from the SRS unit, and connect Test Harness B between the SRS unit and the 18-P connector.
5. Connect jumper wires to the No. 13, 14, 15, and 16 terminals on rows A (SRS unit end) and B (SRS main harness end) of Test Harness B.

NOTE: Do not connect jumper wires to the other terminals.

(cont'd)



SRS INDICATOR LIGHT



To page 23-B29

From page 23-B28

Check the SRS unit (cont'd):

6. Connect the battery positive cable, then connect the negative cable.
7. Connect a voltmeter between terminals No. A2 (+) and A5 (-) of Test Harness B.
8. Turn the ignition switch ON (II), and measure voltage. There should be 8.0 – 10.5 V.
9. Turn the ignition switch OFF, and measure resistance between terminals No. A8 and A5. There should be 0.65 – 0.75 k $\Omega$ .

NOTE: The resistance will be unstable if you measure immediately after you turn the ignition switch OFF. Allow it to settle, then take the reading.

Are voltage and resistance as specified?

YES

NO

Faulty SRS unit; replace the SRS unit (see page 23-B52).

Check for an open in the SRS main harness:

1. Turn the ignition switch OFF.
  2. Check for continuity between terminals No. B2 and B8 of Test Harness B.
- CAUTION:** Do not disconnect SRS short connector A from the SRS main harness.

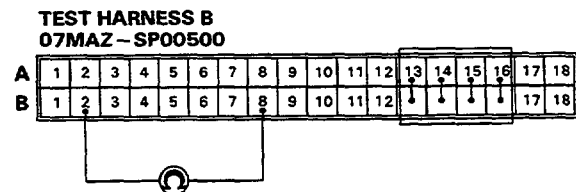
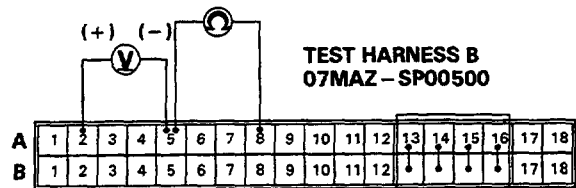
Is there continuity?

YES

NO

Open in the SRS main harness; replace the harness.

The problem has disappeared due to disconnecting and connecting the connectors. Be sure all terminals make good contact, and recheck the system (see Troubleshooting of Intermittent Failures on page 23-B13).



# Troubleshooting (SRS-Type III)

## DTC 2-2

**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.

Check for a short to another wire 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. Connect the short connector (RED) to the passenger's airbag connector.

**CAUTION:**

- Do not connect SRS short connector A to the SRS main harness connector.
  - Do not disconnect the driver's airbag connector.
4. Connect the SCS short connector to the service check connector.
  5. Reconnect the battery positive cable, then connect the negative cable.
  6. Turn the ignition switch ON (II), and record the most recent DTC.

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

2-2

2-1

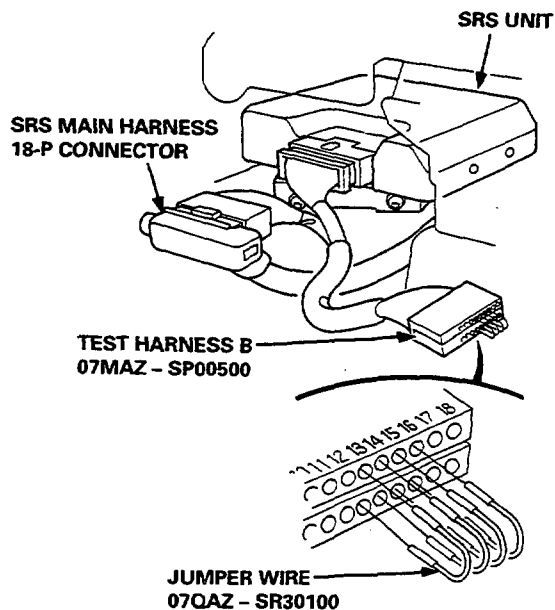
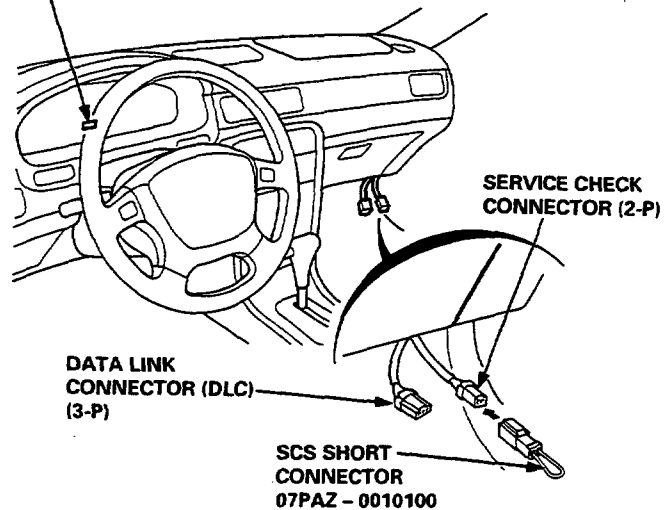
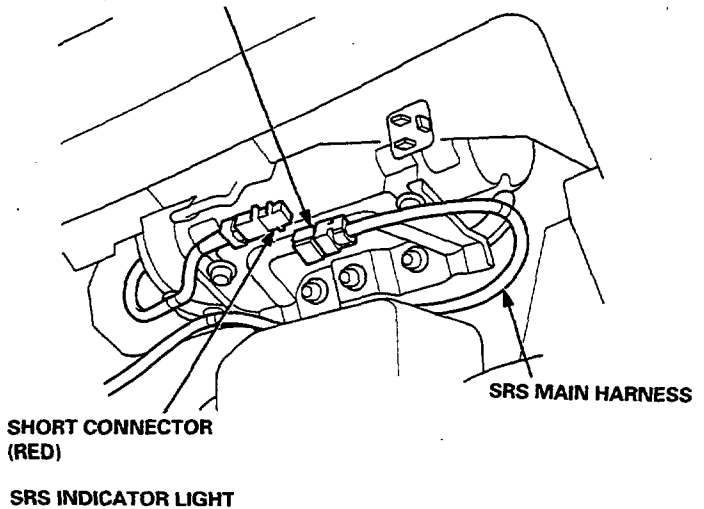
Short to another wire in the passenger's airbag inflator; replace the passenger's airbag assembly (see page 23-B42).

Check the SRS unit:

1. Turn the ignition switch OFF, and disconnect the SCS short connector.
2. Disconnect the battery negative cable, then disconnect the positive cable, and wait for three minutes.
3. Connect the short connector (RED) to the driver's airbag connector.
4. Disconnect the SRS main harness 18-P connector from the SRS unit.
5. Connect Test Harness B between the SRS unit and the 18-P connector.
6. Connect the No. 13, 14, 15, and 16 terminals on rows A (SRS unit end) and B (SRS main harness end) of Test Harness B with jumper wires.

NOTE: Do not connect jumper wires to the other terminals.  
(cont'd)

NOTE: Do not connect short connector A



To page 23-B31

From page 23-B30

**Check the SRS unit (cont'd):**

7. Connect the battery positive cable, then connect the negative cable.
8. Connect a voltmeter between the No. A2 and A5 terminals of Test Harness B.
9. Turn the ignition switch ON (II), and measure voltage. There should be 8.0 – 10.5 V.
10. Connect the voltmeter between the No. A8 and A5 terminals of Test Harness B, and measure voltage. There should be 0.5 – 0.8 V.

Are voltages as specified?

YES

NO

**Faulty SRS unit; replace the SRS unit (see page 23-B52).**

**Check for short to another wire in the SRS main harness:**

1. Turn the ignition switch OFF.
2. Check for continuity between the No. B2 and B8 terminals of Test Harness B.

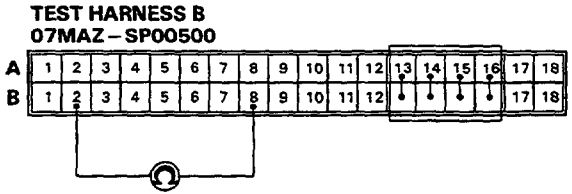
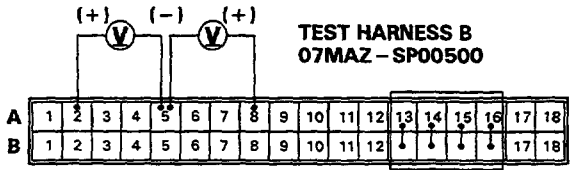
Is there continuity?

YES

NO

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

**The problem has disappeared due to disconnecting and connecting the connectors. Be sure all terminals make good contact, and recheck the system (see Troubleshooting of Intermittent Failures on page 23-B13).**





# Troubleshooting (SRS-Type III)

## DTC 2-3

**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.

Check for 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. Connect the short connector (RED) to the passenger's airbag connector.
4. Connect SRS short connector A to the SRS main harness 3-P connector.

**CAUTION:** Do not disconnect the driver's airbag connector.

5. Connect the SCS short connector to the service check connector.
6. Reconnect the battery positive cable, then connect the negative cable.
7. Turn the ignition switch ON (II), and record the most recent DTC.

Is DTC 2-3 or DTC 2-2 indicated?

2-3

2-2

Short to power in the passenger's airbag inflator; replace the passenger's airbag assembly (see page 23-B42).

Check the SRS unit and the SRS main harness:

1. Turn the ignition switch OFF, and disconnect the SCS short connector.
2. Disconnect the battery negative cable, then disconnect the positive cable, and wait for three minutes.
3. Connect the short connector (RED) to the driver's airbag connector.
4. Disconnect the SRS main harness 18-P connector from the SRS unit, and connect Test Harness B between the SRS unit and the 18-P connector.
5. Reconnect the battery positive cable, then connect the negative cable.
6. Connect a voltmeter between the No. B2 (+) and B5 (-) terminals of Test Harness B.
7. Turn the ignition switch ON (II), and measure voltage. There should be 0.5 V or less.
8. Connect the voltmeter between the No. B8 (+) and B5 (-) terminals of Test Harness B, and measure voltage. There should be 0.5 V or less.

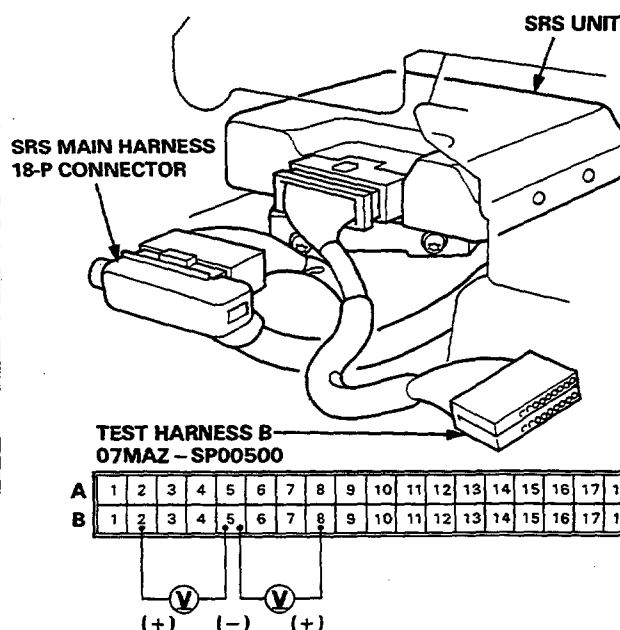
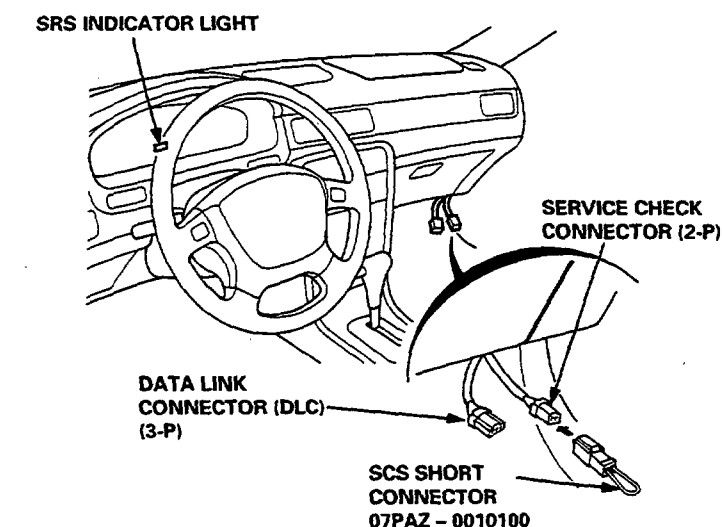
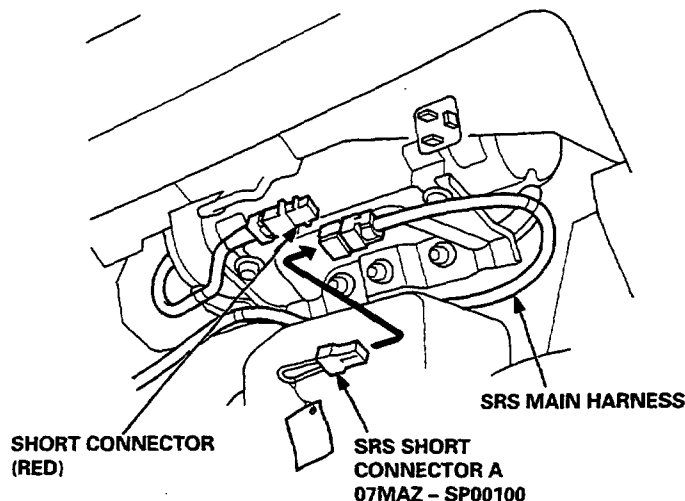
Are voltages as specified?

YES

NO

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

Faulty SRS unit; replace the SRS unit (see page 23-B52).



A	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
B	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18

Diagram illustrating the connection of the voltmeter between the No. B2 (+) and B5 (-) terminals of Test Harness B, and between the No. B8 (+) and B5 (-) terminals of Test Harness B.

## DTC 2-4

**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.

Check for 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. Connect the short connector (RED) to the passenger's airbag connector.
  4. Connect SRS short connector A to the SRS main harness 3-P connector.
- CAUTION:** Do not disconnect the driver's airbag connector.
5. Connect the SCS short connector to the service check connector.
  6. Reconnect the battery positive cable, then connect the negative cable.
  7. Turn the ignition switch ON (II), and record the most recent DTC.

Is DTC 2-4 or DTC 2-2 indicated?

2-4

2-2

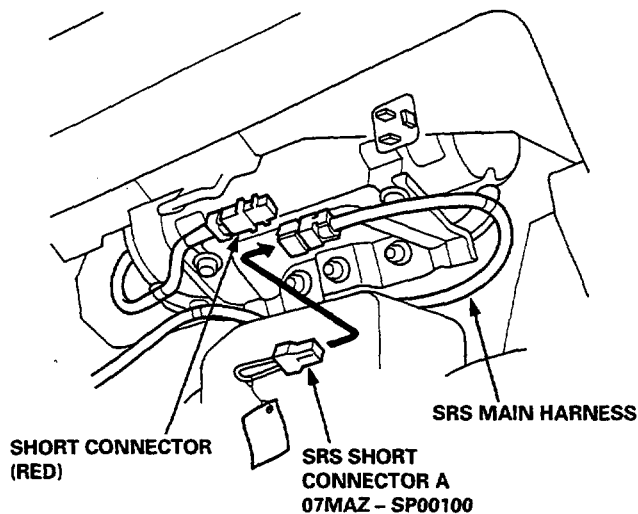
Short to ground in the passenger's airbag inflator; replace the passenger's airbag assembly (see page 23-B42).

Check the SRS unit:

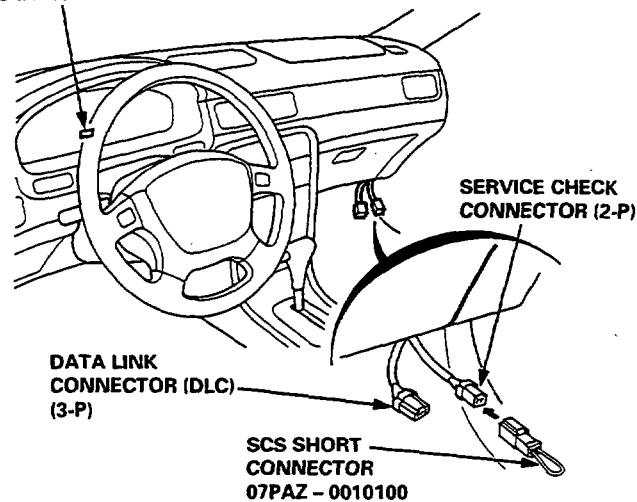
1. Turn the ignition switch OFF, and disconnect the SCS short connector.
  2. Disconnect the battery negative cable, then disconnect the positive cable, and wait for three minutes.
  3. Connect the short connector (RED) to the driver's airbag connector.
  4. Disconnect the SRS main harness 18-P connector from the SRS unit, and connect Test Harness B between the SRS unit and the 18-P connector.
  5. Connect the No. 13, 14, 15, and 16 terminals on rows A (SRS unit end) and B (SRS main harness end) of Test Harness B with jumper wires.
- NOTE: Do not connect jumper wires to the other terminals.

(cont'd)

To page 23-B34

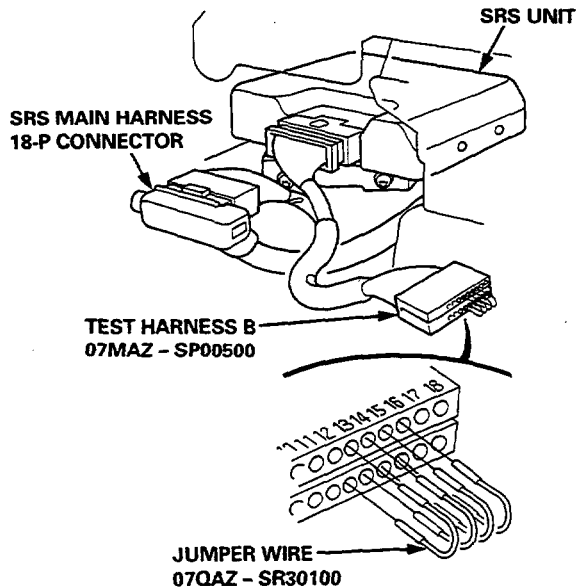


SRS INDICATOR LIGHT



DATA LINK CONNECTOR (DLC) (3-P)

SCS SHORT CONNECTOR 07PAZ - 0010100



JUMPER WIRE 07QAZ - SR30100

(cont'd)

# Troubleshooting (SRS-Type III)

## DTC 2-4 (cont'd)

From page 23-B33

Check the SRS unit (cont'd):

6. Reconnect the battery positive cable, then connect the negative cable.
7. Connect a voltmeter between the No. A2 and A5 terminals of Test Harness B.
8. Turn the ignition switch ON (II), and measure voltage. There should be 8.0 – 10.5 V.
9. Turn the ignition switch OFF, and measure resistance between the No. A8 and A5 terminals of Test Harness B. There should be 0.65 – 0.75 k $\Omega$ .

NOTE: The resistance will be unstable if you measure immediately after you turn the ignition switch OFF. Allow it to settle, then take the reading.

Are voltage and resistance as specified?

YES

NO

Faulty SRS unit; replace the SRS unit (see page 23-B52).

Check for short to ground in the SRS main harness:

Check for continuity between the No. B2 and B5 terminals, and the No. B8 and B5 terminals of Test Harness B.

**CAUTION:** Do not disconnect short connector A from the SRS main harness 3-P connector.

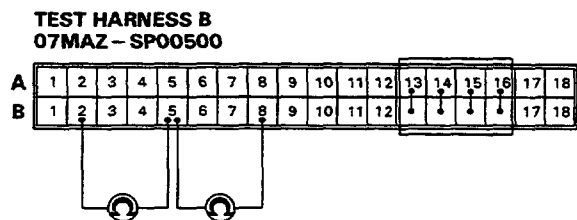
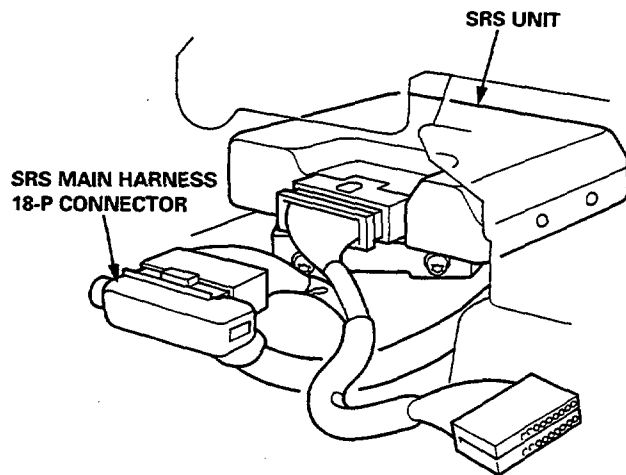
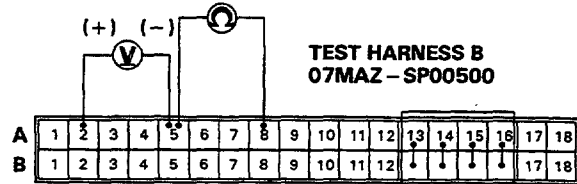
Is there continuity?

YES

NO

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

The problem has disappeared due to disconnecting and connecting the connectors. Be sure all terminals make good contact, and recheck the system (see Troubleshooting of Intermittent Failures on page 23-B13).



## DTC No Code

**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.

Check the SRS fuse:

1. Turn the ignition switch OFF.
2. Check for blown No. 24 (15 A) and No. 25 (10 A) fuse in the under-dash fuse/relay box.

Is the fuse OK?

YES

NO

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

Does the fuse blow?

YES

NO

END

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

Check for an open in the SRS main harness:

1. Disconnect the negative battery cable, then the positive cable, and wait for three minutes.
2. Connect the short connectors (RED) to the airbag connectors (see page 23-B10).
3. Disconnect the SRS main harness 18-P connector from the SRS unit, and connect Test Harness B between the 18-P connector and the SRS unit.
4. Reconnect the battery positive cable, then the negative cable.
5. Connect a voltmeter between the B13 terminal (+) and B5 terminal (-) of Test Harness B, and between the B14 terminal (+) and B5 terminal (-) of the Test harness B.
6. Turn the ignition switch ON (II), and measure voltage.

Is there battery voltage?

YES

NO

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

Check for short to ground in the Memory Erase Signal (MES) circuit.

1. Turn the ignition switch OFF.
2. Check for continuity between the B4 and B6 terminal of Test Harness B.

Is there continuity?

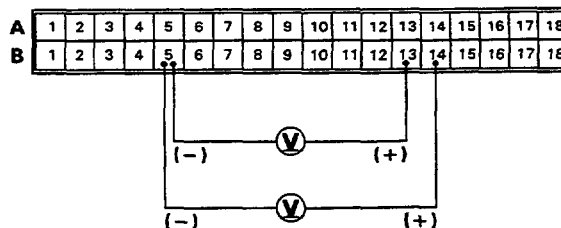
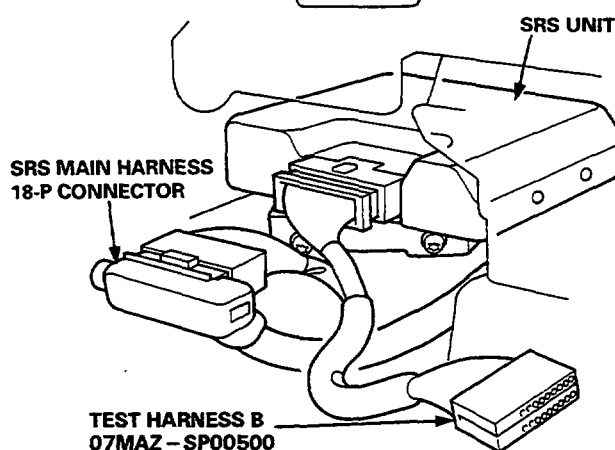
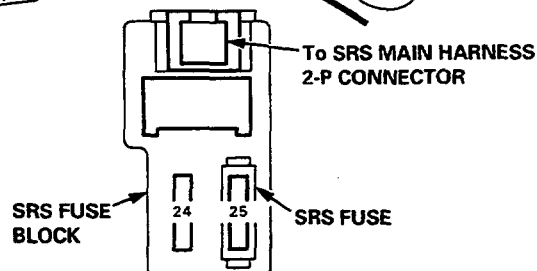
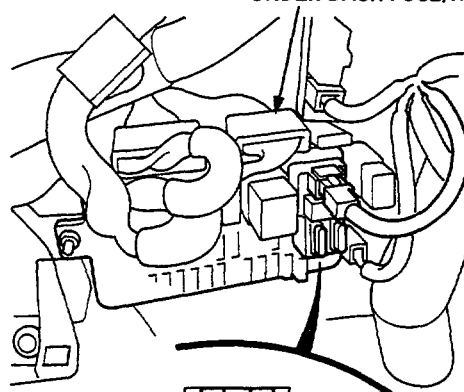
YES

NO

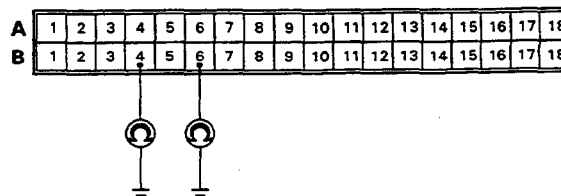
Short to ground in the SRS main harness; replace the SRS main harness.

To page 23-B36

UNDER-DASH FUSE/RELAY BOX



TEST HARNESS B  
07MAZ-SP00500



# Troubleshooting (SRS-Type III)

## DTC 9-1 or No Code

### DTC 9-1 (Continuous failure):

- If DTC 9-1 is indicated as continuous failure, replace the SRS unit (see page 23-B52).

### DTC 9-1 (Intermittent failure):

- If DTC 9-1 is indicated as intermittent failure, follow the flowchart below starting with the SRS indicator circuit input voltage test. Make sure that all terminals make good contact.
- If no DTC is indicated (SRS indicator light stays on), start troubleshooting with the flowchart on page 23-B35.

**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.

From page 23-B35 (DTC No code)

Check the SRS indicator circuit input voltage:

1. Turn the ignition switch OFF.
2. Disconnect the SRS main harness 6-P connector from the main wire harness.
3. Connect a voltmeter between the No. 4 terminal (+) of the SRS main harness 6-P connector and ground.
4. Turn the ignition switch ON (II), and measure voltage.

Is there 8.5 V or more six seconds after the ignition switch has been turned ON (II)?

YES

NO

Check for short to ground in the SRS indicator light circuit (1):

1. Turn the ignition switch OFF.
2. Check for continuity between the No. 4 terminal (+) of the main wire harness 6-P connector and ground.

Is there continuity (200  $\Omega$  or less)?

YES

NO

Check for short to ground in the SRS indicator light circuit (2):

1. Disconnect the dashboard wire harness 20-P connector (LHD) or 18-P connector (RHD) from the main wire harness.
2. Check for continuity between the No. 16 terminal of the dashboard wire harness 20-P connector and ground (LHD), and between the No. 16 terminal of the dashboard wire harness 18-P connector and ground (RHD).

Is there continuity (200  $\Omega$  or less)?

YES

NO

Failure in the SRS unit due to short to ground in the BLU wire of the main wire harness; replace the main wire harness and the SRS unit.

(B)

To page 23-B37

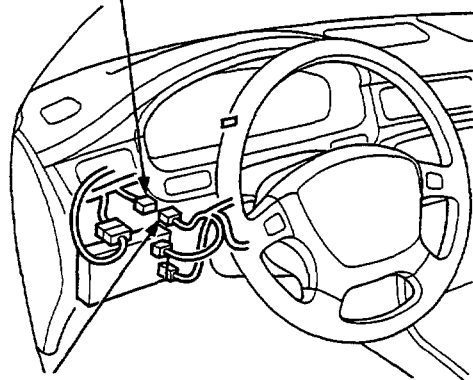
(C)

To page 23-B37

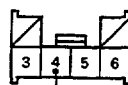
(A)

To page 23-B38

MAIN WIRE HARNESS  
6-P CONNECTOR



SRS MAIN HARNESS  
6-P CONNECTOR



View from wire side

BLU (+)



MAIN WIRE HARNESS  
6-P CONNECTOR

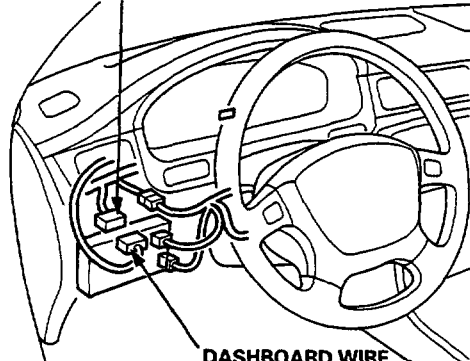


View from terminal side

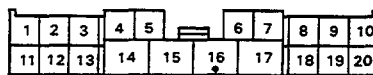
BLU



MAIN WIRE HARNESS



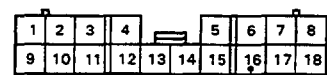
DASHBOARD WIRE HARNESS  
20-P CONNECTOR (LHD)



BLU



DASHBOARD WIRE HARNESS  
18-P CONNECTOR (RHD)



BLU



View from wire side

From page 23-B36

From page 23-B36

(B)

Check for short to ground in the SRS indicator light circuit (3):

1. Remove the gauge assembly.
2. Check for continuity between the D4 and D6 terminals of the gauge assembly 6-P connector.

Is there continuity (200  $\Omega$  or less)?

YES

NO

Failure in the SRS unit due to short to ground in the SRS indicator light circuit in the gauge assembly; replace the gauge assembly and the SRS unit.

Failure in the SRS unit due to short to ground in the BLU wire of the dashboard wire harness; replace the dashboard wire harness and the SRS unit.

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. Connect the short connectors (RED) to the airbag connectors (see page 23-B10).
4. Disconnect the SRS main harness 18-P connector from the SRS unit, and connect Test Harness B between the SRS unit and the 18-P connector.
5. Check for continuity between the No. B11 terminal of Test Harness B and the No. 4 terminal of the SRS main harness 6-P connector.

Is there continuity?

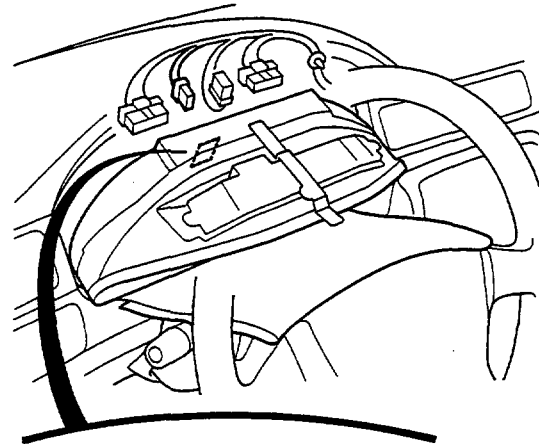
YES

NO

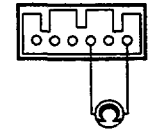
Open in the SRS main harness; replace the harness.

(E)

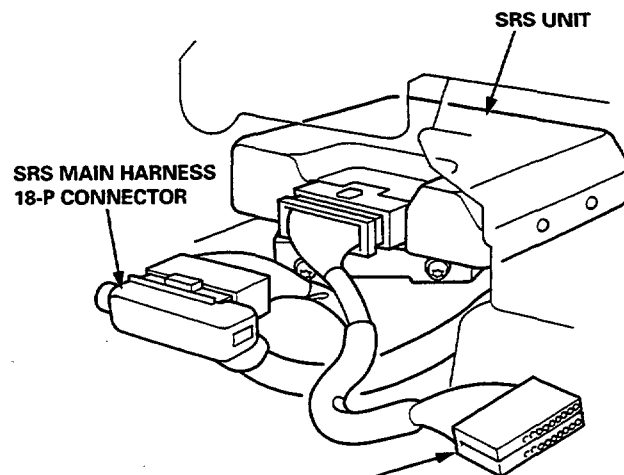
To page 23-B38



D1 ----> D6



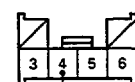
CONNECTOR "D"



TEST HARNESS B  
07MAZ - SP00500

A	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
B	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18

SRS MAIN HARNESS  
6-P CONNECTOR



BLU (+)

View from wire side

(cont'd)

# Troubleshooting (SRS-Type III)

## DTC 9-1 or No Code (cont'd)

From page 23-B37

(E)

Check for short to ground in the SRS main harness:  
1. Check for continuity between terminals No. B11 and No. B5 of Test Harness B.

Is there continuity?

YES

NO

Failure in the SRS unit due to short to ground in the SRS main harness; replace the SRS main harness and the SRS unit.

Faulty SRS unit; replace the SRS unit.

From page 23-B36

(A)

Check the SRS indicator light circuit:

1. Turn the ignition switch OFF.
2. Connect the SRS main harness 6-P connector to the main wire harness.
3. Disconnect the main wire harness 20-P connector (LHD) or 18-P connector (RHD) from the dashboard wire harness.
4. Connect a voltmeter between the No. 16 terminal (+) of the main wire harness 20-P connector and ground (LHD), and between the No. 16 terminal of the main wire harness 18-P connector (RHD).
5. Turn the ignition switch ON, and measure voltage.

Is there 8.5 V or more six seconds after the ignition switch has been turned ON (II)?

YES

NO

Check the main wire harness:

1. Turn the ignition switch OFF.
2. Check for continuity between the No. 16 terminal of the main wire harness 20-P connector and body ground (LHD), and between the No. 16 terminal of the main harness 18-P connector and body ground (RHD).

Is there continuity?

YES

NO

Failure in the SRS unit due to short to ground in the BLU wire of the SRS main harness; replace the SRS main harness and the SRS unit.

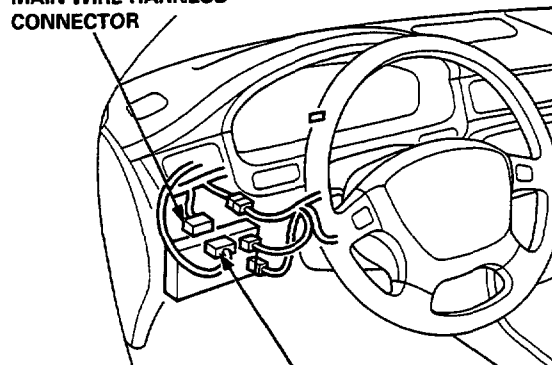
Open in the BLU wire of the SRS main harness; replace the SRS main harness.

To page 23-B39

### TEST HARNESS B 07MAZ - SP00500

A	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
B	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18

### MAIN WIRE HARNESS CONNECTOR



### MAIN WIRE HARNESS 20-P CONNECTOR (LHD)

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20

BLU (+)



### MAIN WIRE HARNESS 18-P CONNECTOR (RHD)

1	2	3	4		5	6	7	8	
9	10	11	12	13	14	15	16	17	18

BLU (+)



View from  
terminal side

### MAIN WIRE HARNESS 20-P CONNECTOR (LHD)

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20

BLU



### MAIN WIRE HARNESS 18-P CONNECTOR (RHD)

1	2	3	4		5	6	7	8	
9	10	11	12	13	14	15	16	17	18

BLU



View from  
terminal side

From page 23-B38

Check the SRS indicator light circuit:

1. Turn the ignition switch OFF.
2. Connect the main wire harness 20-P connector (LHD) or 18-P connector (RHD) to the dashboard wire harness.
3. Remove the gauge assembly.
4. Disconnect the dashboard wire harness 6-P connector from the gauge assembly.
5. Connect a voltmeter between the No. 6 terminal (+) of the dashboard wire harness 6-P connector and ground.
6. Turn the ignition ON (II), and measure voltage.

Is there 8.5 V or more six seconds after the ignition switch has been turned ON (II)?

YES

NO

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

Check the dashboard wire harness:

1. Turn the ignition switch OFF.
2. Check for continuity between the No. 6 terminal of the dashboard wire harness 6-P connector and body ground.

Is there continuity (200  $\Omega$  or less)?

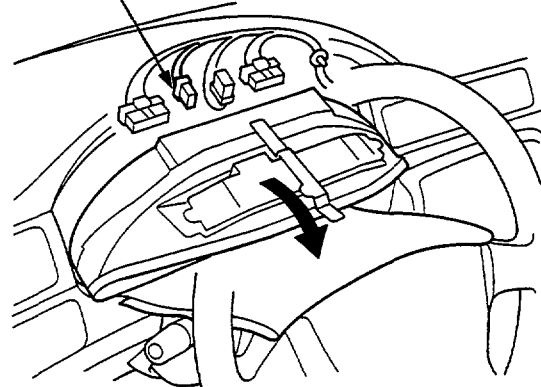
YES

NO

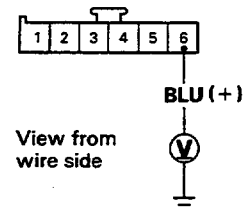
**Failure in the SRS unit due to short to ground in the BLU wire of the dashboard wire harness. Replace the dashboard wire harness and the SRS unit.**

**Open in the BLU wire of the dashboard wire harness; Replace the dashboard wire harness.**

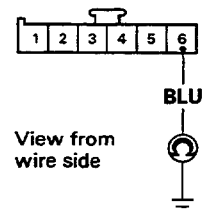
**DASHBOARD WIRE HARNESS  
6-P CONNECTOR**



**DASHBOARD WIRE HARNESS  
6-P CONNECTOR**



**DASHBOARD WIRE HARNESS  
6-P CONNECTOR**





# Troubleshooting (SRS-Type III)

## DTC 9-2

**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.

Check the SRS fuse:

1. Turn the ignition switch OFF.
2. Check for blown No. 24 (15 A) and No. 25 (10 A) fuse in the under-dash fuse/relay box.

Is the fuse OK?

YES

NO

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

Does the fuse blow?

YES

NO

END

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. Connect the short connectors (RED) to the airbag connectors (see page 23-B10).
4. Disconnect the SRS main harness 18-P connector from the SRS unit, and connect Test Harness B between the 18-P connector and the SRS unit.
5. Check for continuity between the B13 and B5 terminals of Test Harness B.

Is there continuity?

YES

NO

Check for short to ground in the SRS main harness:

1. Disconnect the SRS main harness 2-P connector from the under-dash fuse/relay box.
2. Check for continuity between the No. B13 and B5 terminals of Test Harness B.

Is there continuity?

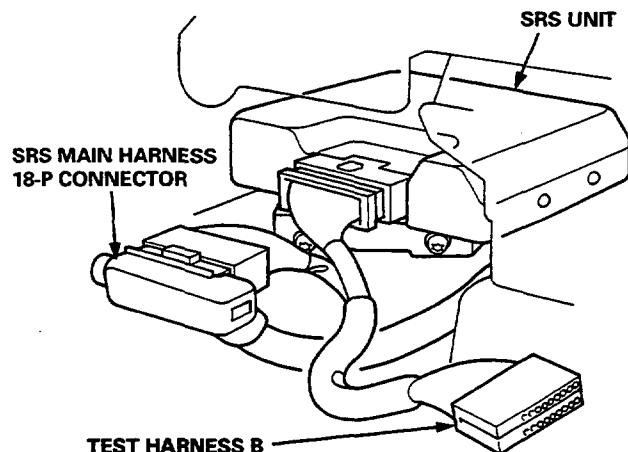
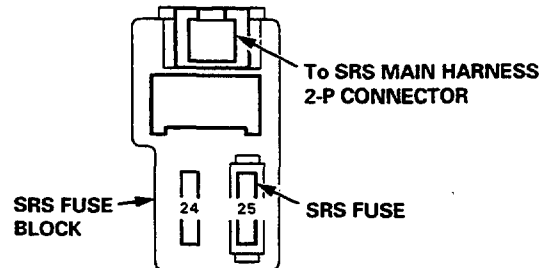
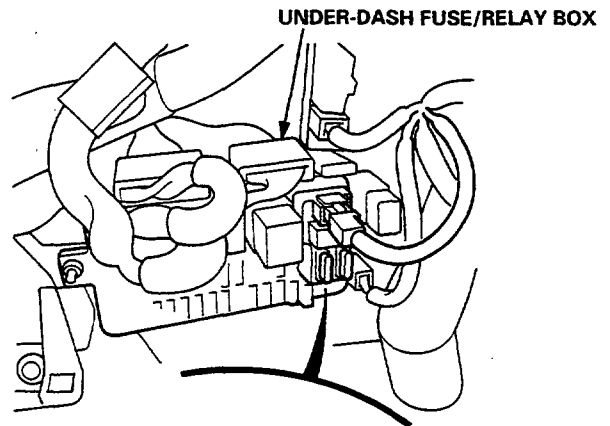
YES

NO

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

Short to ground in the SRS fuse block; replace the SRS fuse block.

Faulty SRS unit; replace the SRS unit.



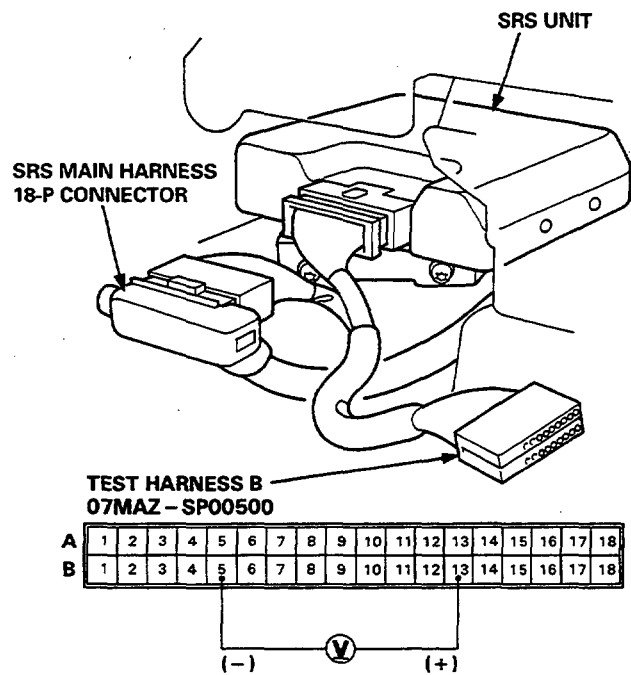
A	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
B	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18

To page 23-B41

From page 23-B40

**Connect Test Harness B:**

1. Disconnect the negative battery cable, then the positive cable, and wait for three minutes.
2. Connect the short connectors (RED) to the airbag connectors (see page 23-B10).
3. Disconnect the SRS main harness 18-P connector from the SRS unit, and connect Test Harness B between the 18-P connector and the SRS unit.
4. Reconnect the battery positive cable, then the negative cable.



**Check for an open in the SRS main harness:**

1. Connect a voltmeter between the No. B13 and B5 terminals of Test Harness B.
2. Turn the ignition switch ON (II), and measure voltage.

Is there battery voltage?

YES

NO

**Faulty SRS unit; replace the SRS unit.**

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