

Supplemental Restraint System (SRS)

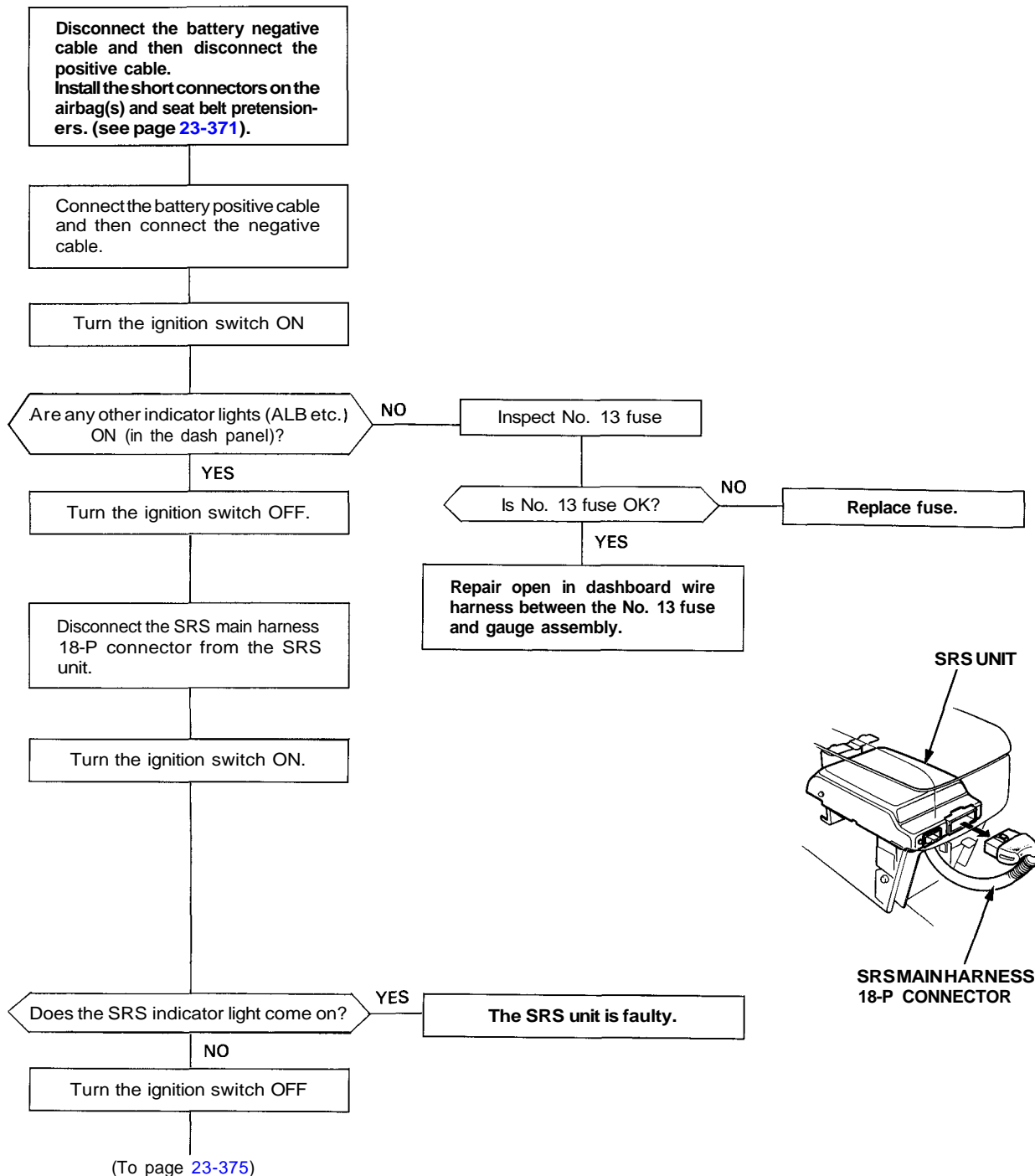
Troubleshooting

The SRS Indicator Does Not Light

CAUTION:

- Use only a digital multimeter (KS-AHM-32-003) to check the system.
- Before disconnecting the airbag connector(s), turn off the ignition switch and wait for at least 3 minutes to let the capacitor in the back-up circuit discharge. This will prevent a malfunction of the seat belt pretensioners.

NOTE: Before disconnecting the battery, be sure you get the customer's anti-theft radio code number.

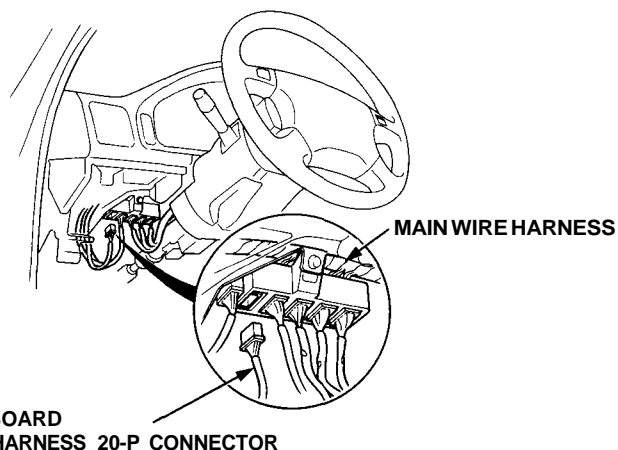




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Disconnect the dashboard wire harness 20-P connector from the main wire harness.

Turn the ignition switch ON.



Is SRS indicator light ON ?

YES

The SRS main harness or the car main wire harness is faulty.

NO

Turn the ignition switch OFF.

Remove the gauge assembly then inspect the SRS indicator light bulb.

Is the SRS indicator light bulb OK?

NO

Replace the indicator light bulb.

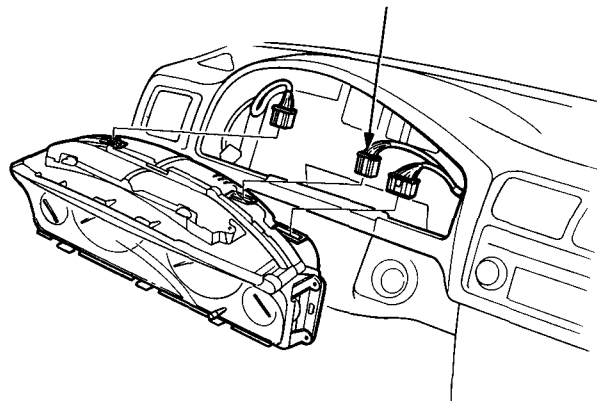
YES

Connect a voltmeter between the No. 2 terminal of the 7-P connector and body ground.

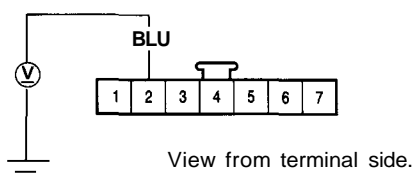
Turn the ignition switch ON.

Measure the voltage between the No. 2 terminal and body ground.

DASHBOARD WIRE HARNESS 7-P CONNECTOR



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Supplemental Restraint System (SRS)

Troubleshooting (cont'd)

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Is there less than 8.5V with ignition switch ON?

NO

Repair short in No. 2 terminal (BLU wire) of the dashboard wire harness.

YES

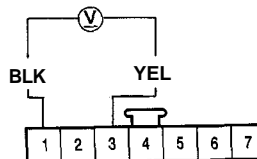
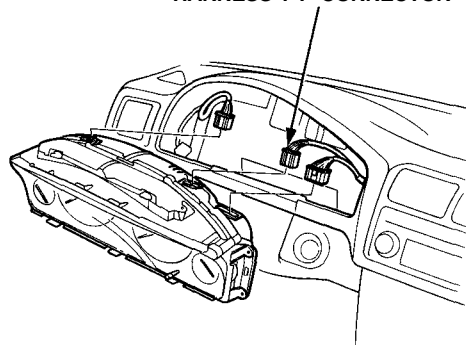
Turn the ignition switch OFF.

Connect the voltmeter between the No. 3 terminal (+) and the No. 1 terminal (-) of the dashboard wire harness 7-P connector.

Turn the ignition switch ON.

Measure the voltage between the No. 3 terminal and the No. 1 terminal.

DASHBOARD WIRE HARNESS 7-P CONNECTOR



View from terminal side

Is there battery voltage?

NO

Check for continuity between the No. 1 terminal and body ground.

YES

Turn the ignition switch OFF.

Does continuity exist?

NO

Repair open in the No. 1 terminal (BLK wire) between the gauge assembly and body ground or look for a poor ground (G251).

YES

Repair open in the No. 3 terminal (YEL wire) of the dashboard wire harness.

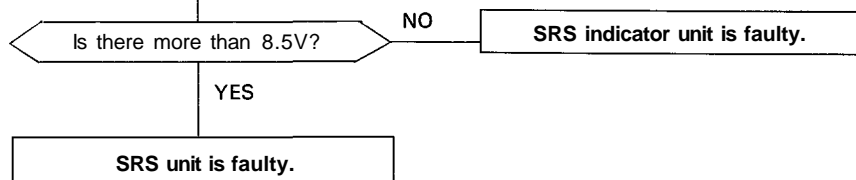
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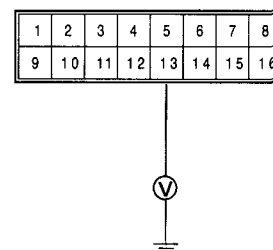
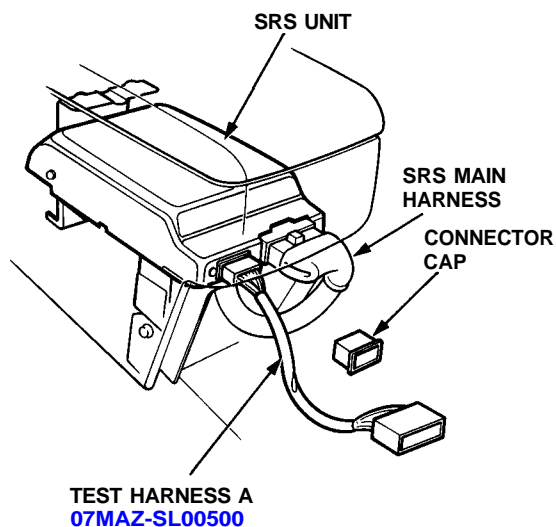
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Reconnect each connector to the gauge assembly and SRS unit then connect Test Harness A to the SRS unit.

Measure the voltage between the No. 13 terminal and body ground for 6 seconds after ignition is first turned on.



NOTE: Make sure you install the cap in the SRS unit after testing



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