



Troubleshooting (SRS-Type III)

Self-diagnostic Procedures

The self-diagnostic function of the SRS system allows it to locate the causes of system problems and to store this information in memory. For easier troubleshooting, this data can be retrieved via the data link circuit.

- When you turn the ignition switch ON (II), the SRS indicator will come on. If it goes off after six seconds, the system is normal.
- If there is an abnormality, the system locates and defines the problem, and stores this information in memory while the SRS indicator light turns on.
NOTE: The data will remain in the memory even when the ignition switch is turned off, or if the battery is disconnected.
- When you connect the SCS short connector to the service check connector (2-P), and turn the ignition switch ON (II), the SRS indicator light will indicate the diagnostic trouble code (DTC) by the number of blinks.
- After reading and recording the DTC, proceed with the troubleshooting for this code.

Precautions

- Use only a digital multimeter to check the system. If it's not a Honda multimeter, make sure its output is 10 mA (0.01 A) or less when switched to the smallest value in the ohmmeter range. A tester with a higher output could damage the airbag circuit or cause accidental airbag deployment and possible injury.
- Whenever the ignition switch is ON (II), be careful not to bump the SRS unit; the airbags could accidentally deploy and cause damage or injuries.
- Before you remove the SRS main harness, connect the short connectors (RED) to the airbag connectors.
- Do not touch a tester probe to the terminals in the SRS unit or harness connectors, and do not connect the terminals with a jumper wire. Use only the test harness and the SCS short connectors.
- Make sure the battery is sufficiently charged. If the battery is dead or low, or the back-up power circuit in the SRS unit is faulty, measuring values won't be correct.
- After replacing system components, erase the DTC from memory, and turn the ignition switch OFF. Wait two to three seconds, then turn the ignition switch ON (II); the SRS indicator light should come on and go off after about six seconds.

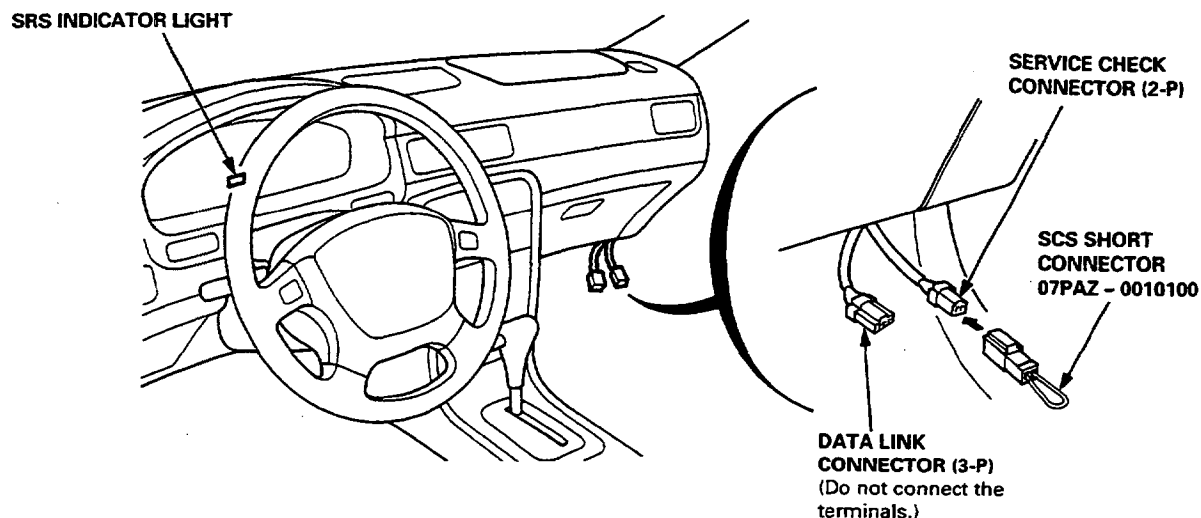
Next, turn the steering wheel fully left, and keep it in this position for about 20 seconds. Then turn it fully right and repeat; the SRS indicator light should not come on during these 40 seconds.

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Diagnostic Trouble Code (DTC)

The SRS indicator light indicates the DTC by the number of blinks when the SCS short connector is connected to the service check connector.

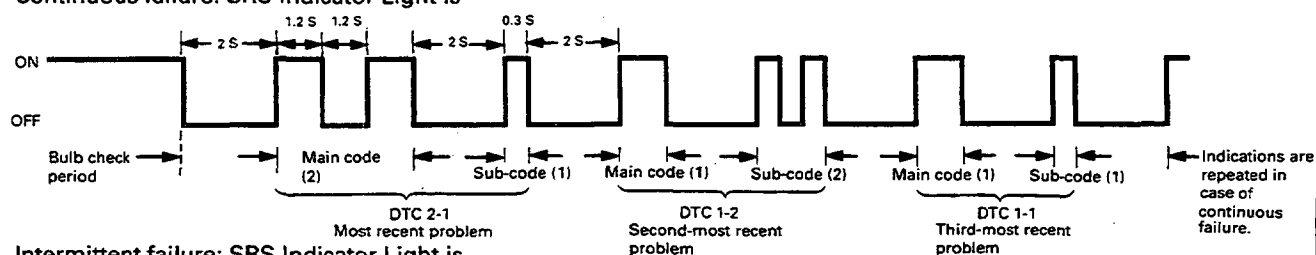
1. With the ignition switch OFF, connect the SCS short connector to the service check connector.



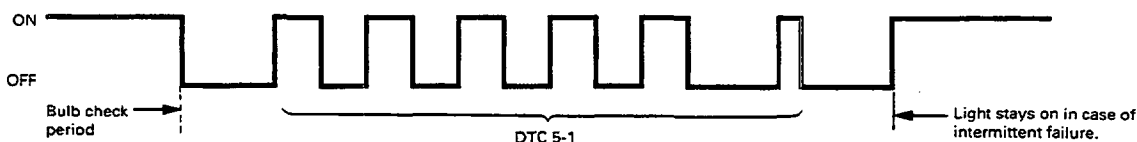
2. Turn the ignition switch ON (II). The SRS indicator light comes on for about six to thirty seconds and goes off. Shortly after (the time depends on which DTC is confirmed by the selfdiagnosis system), it will indicate the DTC: If the DTC is not indicated within one minute, do the troubleshooting for DTC 9-1 ("no code").
 - In case of continues failure(s), the DTC(s) will be indicated repeatedly (see example 1. below).
 - In case of intermittent failure(s), the SRS indicator light will indicate (each of) the DTC(s) one time, then it will stay on (see example 2.).
 - In case of both continuous and intermittent failures, the DTC of the continuous failure only will be indicated repeatedly. After troubleshooting it, first recheck to make sure that the problem disappeared and that there are no other codes. Then, erase the memory.
 - In case the system is normal (no DTC), the SRS indicator light will start blinking continuous short blinks (see example 3. below).

Example of DTC Indications:

1. Continuous failure: SRS Indicator Light is



2. Intermittent failure: SRS Indicator Light is



3. Normal (no failure): SRS Indicator Light is



Troubleshooting of Intermittent Failures

If there was a malfunction, but it doesn't recur, it will be stored in the memory as an intermittent failure, and the SRS indicator light comes on.

NOTE: When a continuous failure is indicated, first do the troubleshooting for continuous failures. After repairing, recheck the DTC to make sure there are no intermittent failures, and to confirm that the repaired continuous failure has not changed to an intermittent failure. (Bear in mind that other codes will be recorded during troubleshooting.)

After checking the DTC, troubleshoot as follows:

1. Record the DTC. (If there is only DTC 5-1, replace the unit.)
2. Remove the SCS short connector from the service check connector.
3. Erase the DTC from memory (see "Erasing the DTC Memory"), turn the ignition switch OFF, and wait two to three seconds.
4. Connect the SCS short connector to the service check connector.
5. With the shift lever in neutral, turn the ignition switch ON (II), and let the engine idle. The SRS indicator light will blink continuous short blinks.



6. Shake the wire harness and the connector, and/or take a test drive (quick acceleration, quick braking, cornering), and/or turn the steering wheel fully left and right, and hold it there for 20 to 30 seconds, to find the cause of the intermittent failure. If the problem recurs, the SRS indicator light will stop blinking and stay on.



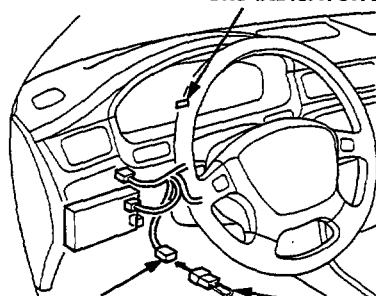
7. If you can't duplicate the intermittent failure, the system is OK at this time. Disconnect the SCS short connector.

Erasing the DTC Memory

NOTE: Use only the SCS short connector. Otherwise, you may not erase the memory because it is awkward to connect and disconnect a jumper wire quickly enough.

1. Turn the ignition switch OFF, and disconnect the SCS short connector from the service check connector.
2. Connect the SCS short connector to the MES connector.

SRS INDICATOR LIGHT



MEMORY ERASE
SIGNAL (MES)
CONNECTOR (2-P)

SCS SHORT CONNECTOR
07PAZ - 0010100

3. Turn the ignition switch ON (II).
4. The SRS indicator light comes on for about six seconds and goes off. Remove the SCS short connector from the MES connector within four seconds after the SRS indicator light went off.
5. The SRS indicator light comes on again. Reconnect the SCS short connector to the MES connector within four seconds after the SRS indicator comes on.
6. The SRS indicator light goes off. Remove the SCS short connector from the MES connector within four seconds.
7. The SRS indicator light indicates that the memory is erased by blinking two times.
8. Turn the ignition switch OFF, and wait two to three seconds.
9. Turn the ignition switch ON (II) again; the SRS indicator light should come on and go off after about six seconds. Confirm that it does not come on again after further 30 seconds.
10. Turn the ignition switch OFF.

