

DTC	B1927	SHORT IN REAR P/T SQUIB (LH) SIRCUIT (TO GROUND)
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CIRCUIT DESCRIPTION

The rear P/T squib LH circuit consists of the airbag sensor assy center and the rear seat 3 point type outer belt assy.

This circuit instructs the SRS to deploy when deployment conditions are met.

DTC B1927 is recorded when a short to ground is detected in the rear P/T squib LH circuit.

DTC No.	DTC Detecting Condition	Trouble Area
B1927	<ul style="list-style-type: none">• When the airbag sensor assy center receives a short to ground signal in the rear P/T squib LH circuit for 0.5 seconds.• Rear P/T squib LH malfunction• Airbag sensor assy center malfunction	<ul style="list-style-type: none">• Floor wire No.2• Rear seat 3 point type outer belt assy (Rear P/T squib LH)• Airbag sensor assy center

WIRING DIAGRAM

See [page 05-1253](#).

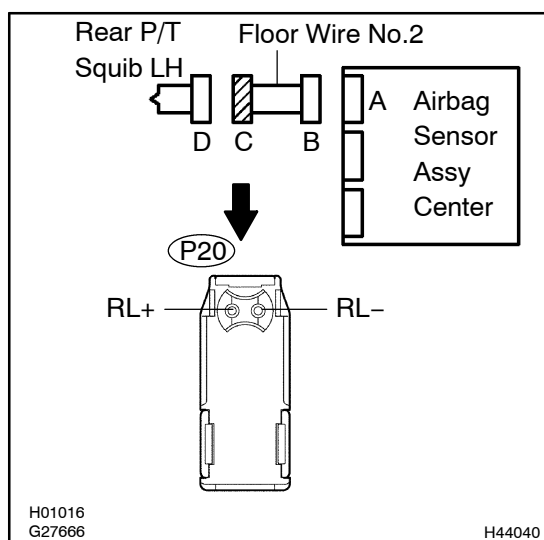
INSPECTION PROCEDURE

CAUTION:

Be sure to perform the following procedures before troubleshooting to avoid unexpected airbag deployment.

- (a) Turn the ignition switch to the LOCK position.
- (b) Disconnect the negative (-) terminal cable from the battery, and wait for at least 90 seconds.
- (c) Disconnect the connectors from the airbag sensor assy center.
- (d) Disconnect the connectors from the horn button assy.
- (e) Disconnect the connector from the front passenger airbag assy.
- (f) Disconnect the connector from the instrument panel airbag assy lower No.1.
- (g) Disconnect the connector from the instrument panel airbag assy lower No.2.
- (h) Disconnect the connector from the front seat airbag assy LH.
- (i) Disconnect the connector from the front seat airbag assy RH.
- (j) Disconnect the connector from the curtain shield airbag assy LH.
- (k) Disconnect the connector from the curtain shield airbag assy RH.
- (l) Disconnect the connector from the front seat outer belt assy LH.
- (m) Disconnect the connector from the front seat outer belt assy RH.
- (n) Disconnect the connectors from the rear seat 3 point type outer belt assy.

1 CHECK FLOOR WIRE NO.2(REAR P/T SQUIB LH CIRCUIT)



- (a) Measure the resistance according to the value(s) in the table below.

Standard:

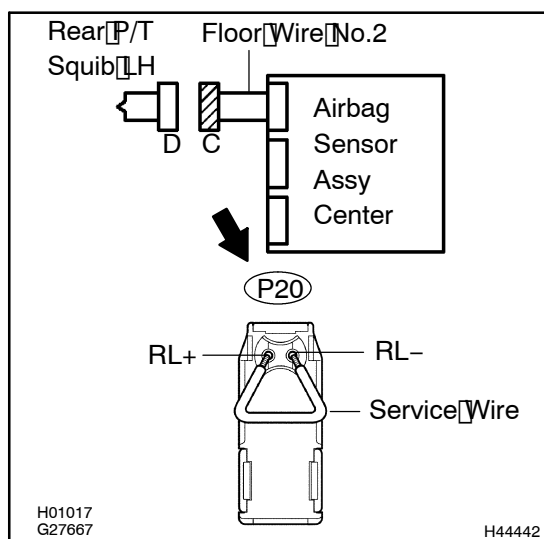
Tester connection	Condition	Specified condition
P20-1 (RL+) - Body ground	Always	1 MΩ or Higher
P20-2 (RL-) - Body ground	Always	1 MΩ or Higher

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REPAIR OR REPLACE FLOOR WIRE NO.2

OK

2 CHECK AIR BAG SENSOR ASSY CENTER



- Connect the connectors to the Airbag Sensor Assy Center.
- Using a service wire, connect P20-1 (RL+) and P20-2 (RL-) of connector "C".

NOTICE:

- Twist the end of the service wire in order to insert it into the connector.
 - Do not forcibly insert the twisted service wire into the terminals of the connector when connecting.
- Connect the negative (-) terminal cable to the battery, and wait for at least 2 seconds.
 - Turn the ignition switch to the ON position, and wait for at least 60 seconds.
 - Clear the DTCs stored in memory (see page 05-959).
 - Turn the ignition switch to the LOCK position.
 - Turn the ignition switch to the ON position, and wait for at least 60 seconds.
 - Check the DTCs (see page 05-959).

OK:

DTC B1927 is not output.

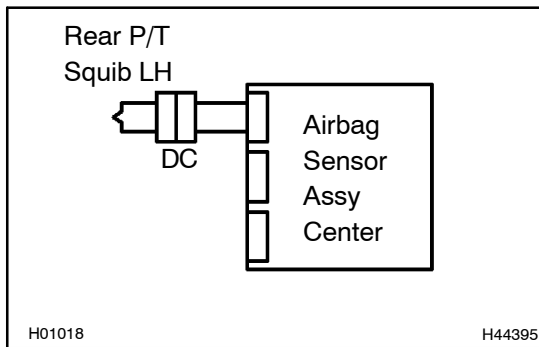
HINT:

Codes other than code B1927 may be output at this time, but they are not related to this check.

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**REPLACE AIR BAG SENSOR ASSY CENTER
(SEE PAGE 60-74)**

OK

3 CHECK REAR SEAT 3 POINT TYPE OUTER BELT ASSY(REAR P/T SQUIB LH)

- (a) Turn the ignition switch to the LOCK position.
- (b) Disconnect the negative (-) terminal cable from the battery, and wait for at least 90 seconds.
- (c) Disconnect the service wire from connector "C".
- (d) Connect the connector to the rear seat 3 point type outer belt assy.
- (e) Connect the negative (-) terminal cable to the battery, and wait for at least 2 seconds.
- (f) Turn the ignition switch to the ON position, and wait for at least 60 seconds.
- (g) Clear the DTCs stored in memory (see page 05-959).
- (h) Turn the ignition switch to the LOCK position.
- (i) Turn the ignition switch to the ON position, and wait for at least 60 seconds.
- (j) Check the DTCs (see page 05-959).

OK:**DTC B1927 is not output.****HINT:**

Codes other than code B1927 may be output at this time, but they are not related to this check.

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REPLACE REAR SEAT 3 POINT TYPE OUTER BELT ASSY (SEE PAGE 61-26)

OK**USE SIMULATION METHOD TO CHECK (SEE PAGE 05-954)****HINT:**

- Perform the simulation method by selecting the check mode with the Intelligent Tester II (see page 05-960).
- After selecting the check mode, perform the simulation method by wiggling each connector of the air-bag system or driving the vehicle on a city or rough road (see page 05-960).