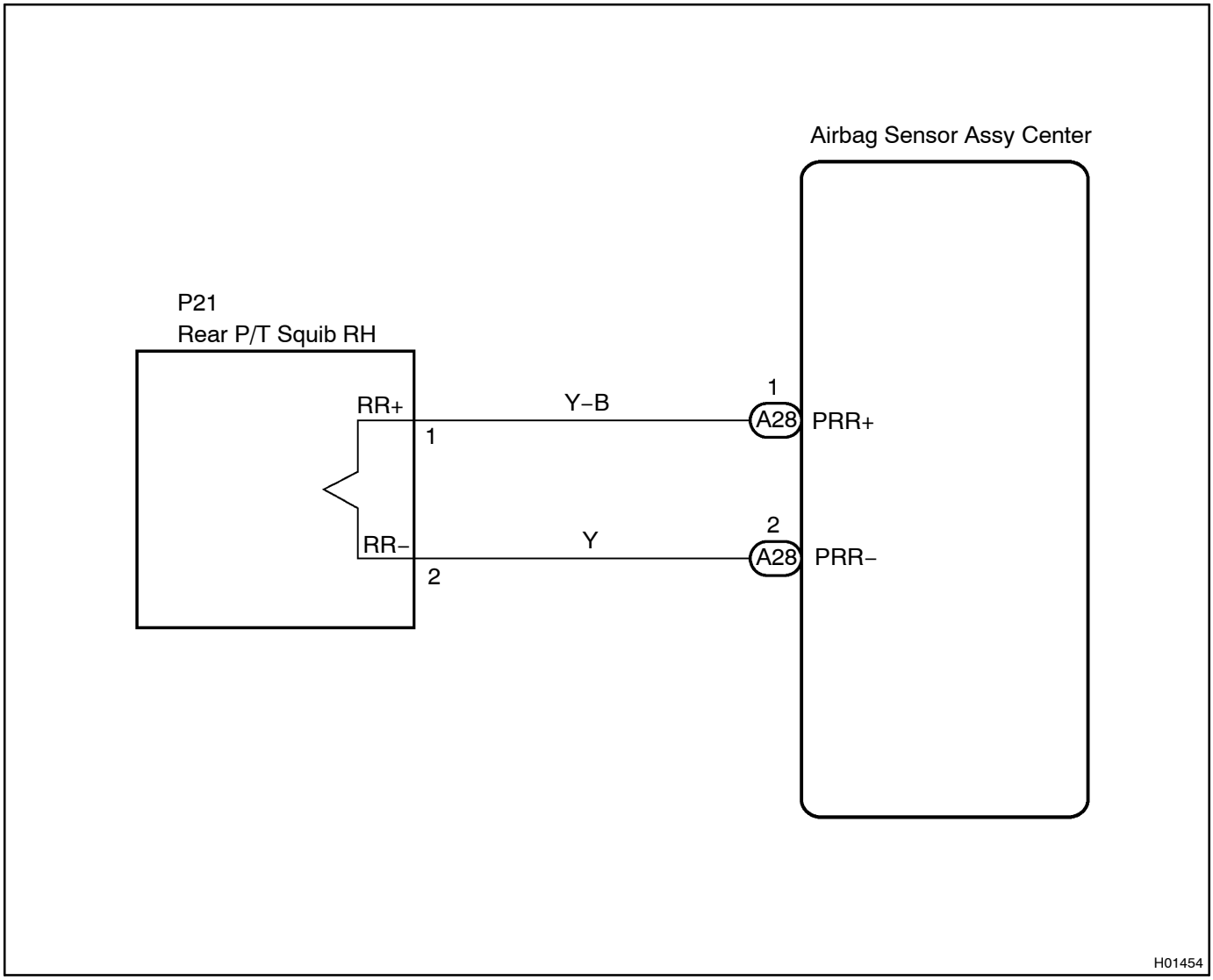
# DTC B1920 SHORT IN REAR P/T SQUIB (RH) CIRCUIT

## CIRCUIT DESCRIPTION

The rear P/T squib RH 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 B1920 is recorded when a short circuit is detected in the rear P/T squib RH circuit.

| DTC No. | DTC Detecting Condition | Trouble Area |
|---|---|---|
| B1920 | • When the airbag sensor assy center receives a line short signal 5 times in the rear P/T squib RH circuit during primary check.<br>• Rear P/T squib RH malfunction<br>• Airbag sensor assy center malfunction | • Floor wire<br>• Rear seat 3 point type outer belt assy (Rear P/T squib RH)<br>• Airbag sensor assy center |

## WIRING DIAGRAM



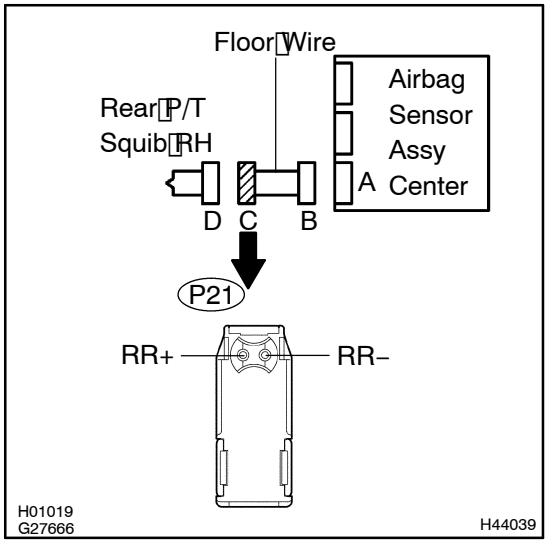
# INSPECTION PROCEDURE

**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(REAR P/T SQUIB RH CIRCUIT) |
|---|---|




(a) Release the activation prevention mechanism built into connector "B" (see page 05–954).
(b) Measure the resistance according to the value(s) in the table below.

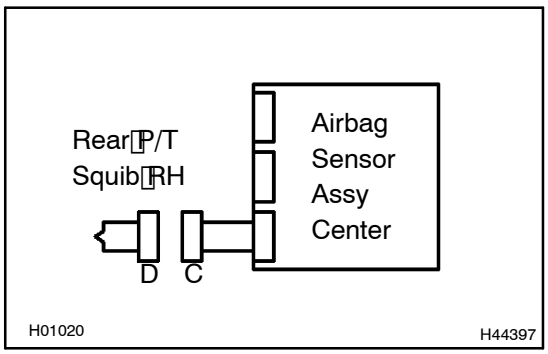
**Standard:**

| Tester connection | Condition | Specified condition |
|---|---|---|
| P21–1 (RR+) – P21–2 (RR–) | Always | 1 MΩ or Higher |

NG → REPAIR OR REPLACE FLOOR WIRE

OK

| 2 | CHECK AIR BAG SENSOR ASSY CENTER |
|---|---|




(a) Connect the connectors to the airbag sensor assy center.
(b) Connect the negative (–) terminal cable to the battery, and wait for at least 2 seconds.
(c) Turn the ignition switch to the ON position, and wait for at least 60 seconds.
(d) Clear the DTCs stored in memory (see page 05–959).
(e) Turn the ignition switch to the LOCK position.
(f) Turn the ignition switch to the ON position, and wait for at least 60 seconds.
(g) Check the DTCs (see page 05–959).

**OK:**

**DTC B1920 is not output.**

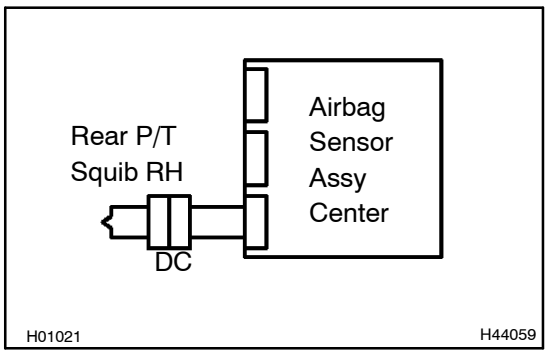
HINT:

Codes other than code B1920 may be output at this time, but they are not related to this check.

**NG** → **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 RH) |
|---|---|




(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) Connect the connector to the rear seat 3 point type outer belt assy.
(d) Connect the negative (–) terminal cable to the battery, and wait for at least 2 seconds.
(e) Turn the ignition switch to the ON position, and wait for at least 60 seconds.
(f) Clear the DTCs stored in memory (see page 05–959).
(g) Turn the ignition switch to the LOCK position.
(h) Turn the ignition switch to the ON position, and wait for at least 60 seconds.
(i) Check the DTCs (see page 05–959).

**OK:**

**DTC B1920 is not output.**

HINT:

Codes other than code B1920 may be output at this time, but they are not related to this check.

**NG** → **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 airbag system or driving the vehicle on a city or rough road (see page 05–960).