

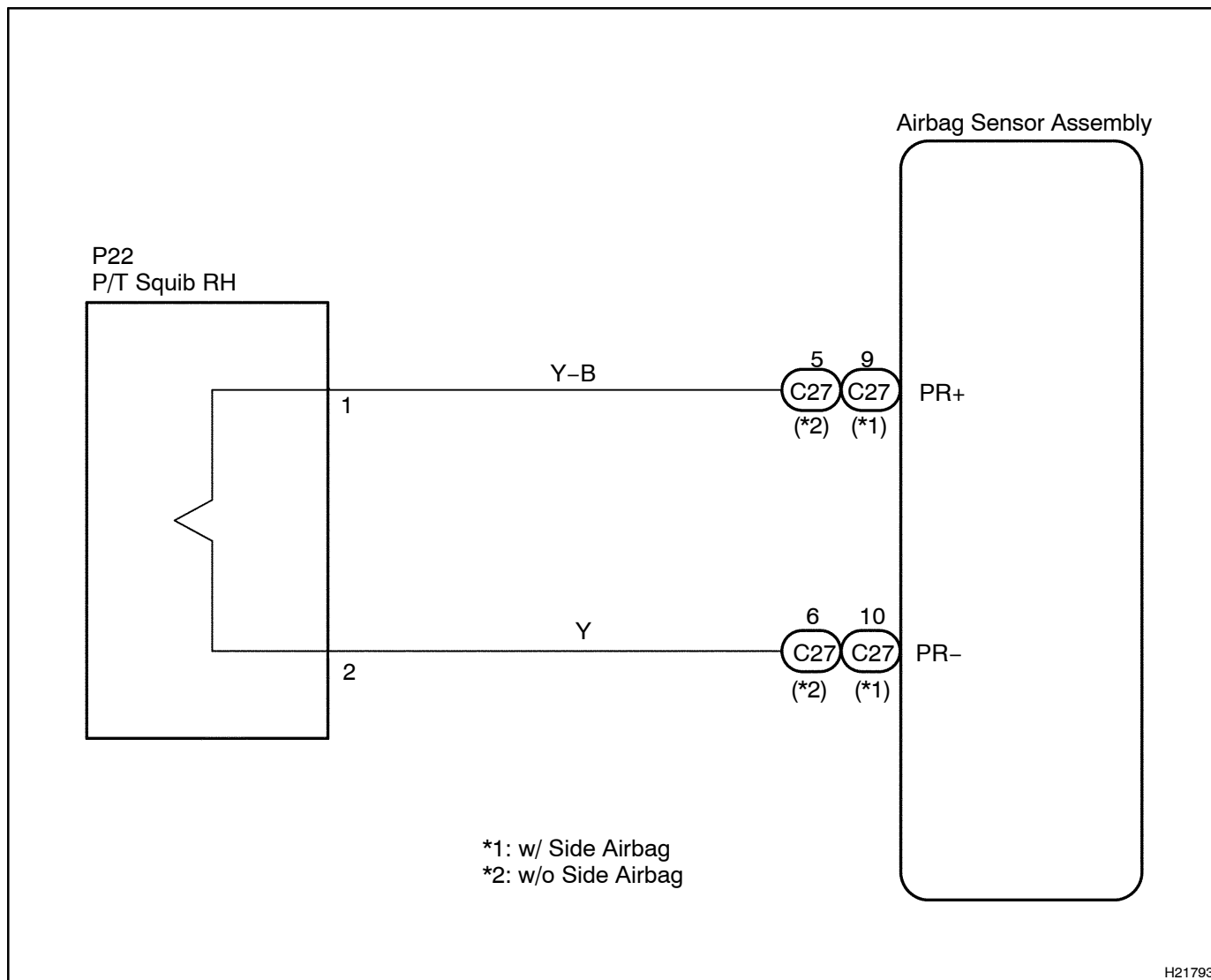
|            |                 |                                      |
|------------|-----------------|--------------------------------------|
| <b>DTC</b> | <b>B0130/63</b> | <b>Short in P/T Squib RH Circuit</b> |
|------------|-----------------|--------------------------------------|

## CIRCUIT DESCRIPTION

The P/T squib RH circuit consists of the airbag sensor assembly and the seat belt pretensioner RH. It causes the SRS to deploy when the SRS deployment conditions are satisfied. For details of the function of each component, see OPERATION on page [RS-3](#). DTC B0130/63 is recorded when a short is detected in the P/T squib RH circuit.

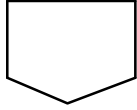
| DTC No.  | DTC Detecting Condition                                                                                                                                             | Trouble Area                                                                                                                                               |
|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| B0130/63 | <ul style="list-style-type: none"> <li>• Short in P/T squib RH circuit</li> <li>• P/T squib RH malfunction</li> <li>• Airbag sensor assembly malfunction</li> </ul> | <ul style="list-style-type: none"> <li>• Seat belt pretensioner RH (P/T squib RH)</li> <li>• Airbag sensor assembly</li> <li>• Floor No. 2 wire</li> </ul> |

## WIRING DIAGRAM

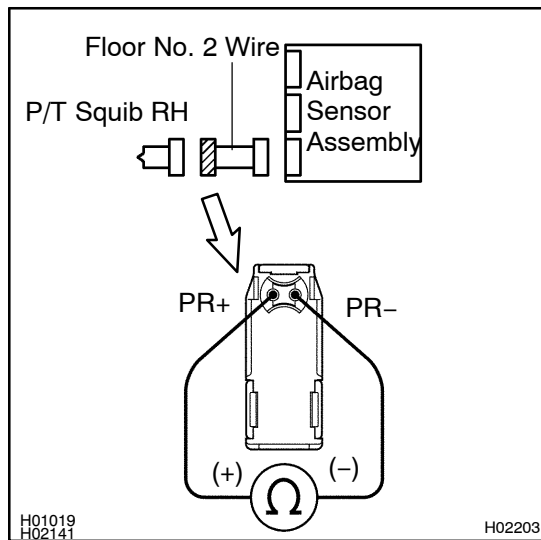


## INSPECTION PROCEDURE

- 1 Prepare for inspection (See step 1 on page [DI-754](#)).



- 2 Check floor No. 2 wire (P/T squib RH circuit).



### **PREPARATION:**

Release the airbag activation prevention mechanism built in the connector of the floor No. 2 wire on the airbag sensor assembly side (See page [DI-523](#)).

### **CHECK:**

Measure the resistance between PR+ and PR- of the floor No. 2 wire connector on the seat belt pretensioner RH (P/T squib RH) side.

### **OK:**

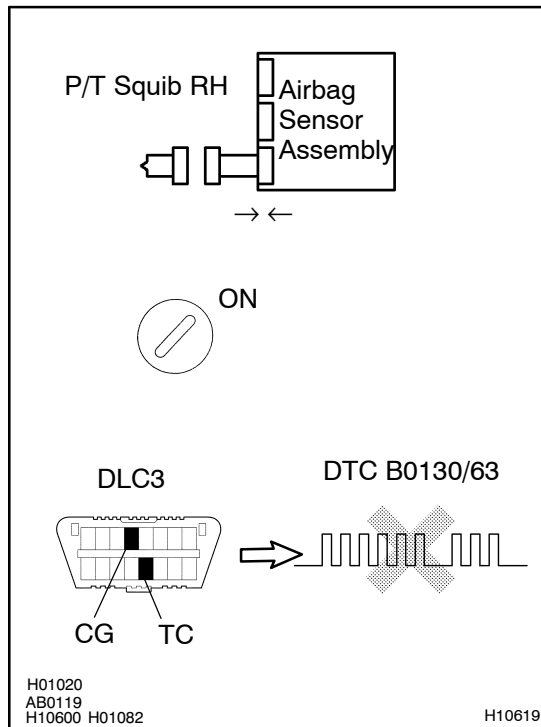
**Resistance: 1 MΩ or Higher**

**NG**

**Replace floor No. 2 wire.**

**OK**

### 3 Check airbag sensor assembly.



#### PREPARATION:

- Connect the connector to the airbag sensor assembly.
- Connect the negative (-) terminal cable to the battery, and wait at least for 2 seconds.

#### CHECK:

- Turn the ignition switch to ON, and wait at least for 10 seconds.
- Clear the DTC stored in memory (See page [DI-523](#)).
- Turn the ignition switch to LOCK, and wait at least for 10 seconds.
- Turn the ignition switch to ON, and wait at least for 10 seconds.
- Check the DTC (See page [DI-523](#)).

#### OK:

**DTC B0130/63 is not output.**

#### HINT:

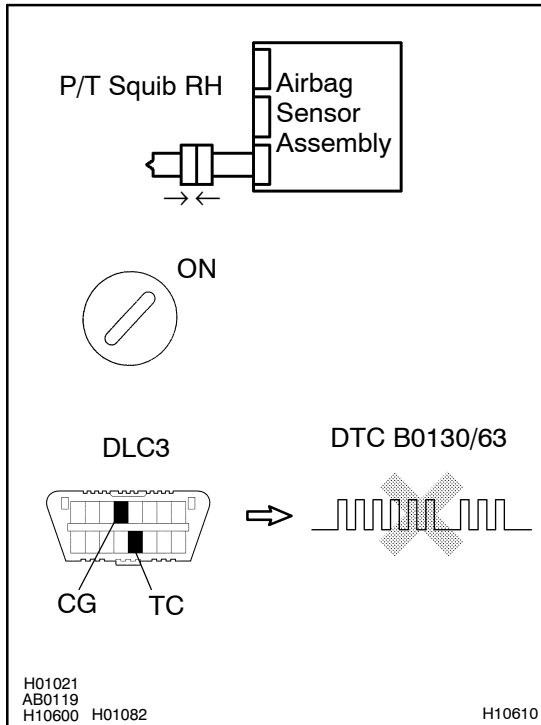
Codes other than code B0130/63 may be output at this time, but they are not relevant to this check.

**NG**

**Replace airbag sensor assembly.**

**OK**

## 4 Check P/T squib RH.



### PREPARATION:

- Turn the ignition switch to LOCK.
- Disconnect the negative (-) terminal cable from the battery, and wait at least for 90 seconds.
- Connect the seat belt pretensioner RH (P/T squib RH) connector.
- Connect the negative (-) terminal cable to the battery, and wait at least for 2 seconds.

### CHECK:

- Turn the ignition switch to ON, and wait at least for 10 seconds.
- Clear the DTC stored in memory (See page [DI-523](#)).
- Turn the ignition switch to LOCK, and wait at least for 10 seconds.
- Turn the ignition switch to ON, and wait at least for 10 seconds.
- Check the DTC (See page [DI-523](#)).

### OK:

**DTC B0130/63 is not output.**

### HINT:

Codes other than code B0130/63 may be output at this time, but they are not relevant to this check.

**NG**

**Replace seat belt pretensioner RH (P/T squib RH).**

**OK**

**From the results of the above inspection, the malfunctioning part can now be considered normal. To make sure of this, use the simulation method to check.**