

DTC	B1625/22	Front Passenger Side - Side Airbag Sensor Malfunction
DTC	B1627/82	Lost Communication with Front Passenger Side - Side Airbag Sensor Assembly

DESCRIPTION

The side airbag sensor RH consists of parts including the diagnostic circuit and the lateral deceleration sensor.

When the center airbag sensor assembly receives signals from the lateral deceleration sensor, it determines whether or not the SRS should be activated.

DTC B1625/22 or B1627/82 is set when a malfunction is detected in the side airbag sensor RH.

DTC No.	DTC Detection Condition	Trouble Area
B1625/22 B1627/82	<ul style="list-style-type: none"> • Rear airbag sensor RH malfunction • Center airbag sensor assembly malfunction 	<ul style="list-style-type: none"> • Side airbag sensor RH • Center airbag sensor assembly

RS

INSPECTION PROCEDURE

NOTICE:

In order to prevent unexpected airbag deployment, disconnect the following connectors before inspecting parts such as wire harnesses, if the application of tester probes to the center airbag sensor assembly connector is necessary.

1. Turn the ignition switch off.
2. Disconnect the negative (-) terminal cable from the battery, and wait for at least 90 seconds.
3. Disconnect the connector from the center airbag sensor assembly.
4. Disconnect the connectors from the steering pad.
5. Disconnect the connectors from the front passenger airbag assembly.
6. Disconnect the connector from the front seat outer belt assembly LH.
7. Disconnect the connector from the front seat outer belt assembly RH.

HINT:

Skip the following steps if side airbags and curtain shield airbags are not fitted.

8. Disconnect the connector from the front seat side airbag assembly LH.
9. Disconnect the connector from the front seat side airbag assembly RH.
10. Disconnect the connector from the curtain shield airbag assembly LH.
11. Disconnect the connector from the curtain shield airbag assembly RH.

1	CHECK SIDE AIRBAG SENSOR RH
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- (a) Turn the ignition switch off.
- (b) Disconnect the negative (-) terminal cable from the battery, and wait for at least 90 seconds.
- (c) Interchange the side airbag sensor RH with the side airbag sensor LH and connect the connectors to them.
- (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 the memory (See page [RS-36](#)).
- (g) Turn the ignition switch to the lock position.

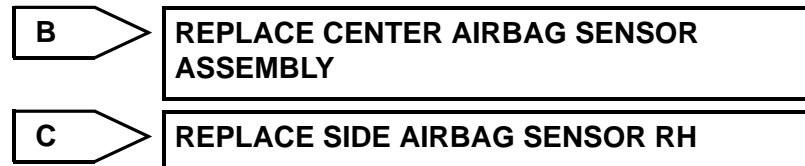
- (h) Turn the ignition switch to the on position, and wait for at least 60 seconds.
- (i) Check for DTCs (See page [RS-36](#)).

Result

Result	Proceed to
DTCs B1620/21, B1622/81, B1623/81, B1625/22, B1627/82 and B1628/82 are not output.	A
DTCs B1625/22 or B1627/82 and B1628/82 are output.	B
DTCs B1620/21 or B1622/81 and B1623/81 are output.	C

HINT:

DTCs other than DTC B1620/21, B1622/81, B1623/81, B1625/22, B1627/82 and B1628/82 may be output at this time, but they are not related to this check.



USE SIMULATION METHOD TO CHECK