

<b>DTC</b>	<b>B2002</b>	<b>RIGHT SIDE MOTOR LINE MALFUNCTION OPEN</b>
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## CIRCUIT DESCRIPTION

The seat belt control ECU receives information from the cruise control ECU (distance control ECU) through CAN communication and the then tightens the seat belt by operating the motor in the front seat outer belt RH.

### NOTICE:

**The pretensioner is built into the front seat outer belt RH. Be sure to follow the correct inspection procedure, as failure to follow the correct procedure (such as inspection of incorrect connectors) may activate the pretensioner.**

DTC No.	DTC Detection Condition	Trouble Area
B2002	Open in seat belt motor RH circuit continues for 1 second or more	<ul style="list-style-type: none"><li>• Front seat outer belt assy RH</li><li>• Wire harness (Seat belt control ECU – Front seat outer belt assy RH)</li><li>• Seat belt control ECU</li></ul>

## WIRING DIAGRAM

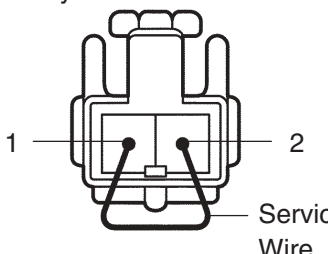
See [page 05-103](#).

INSPECTION PROCEDURE

1 CHECK WIRE HARNESS (FRONT SEAT OUTER BELT ASSY RH – SEAT BELT CONTROL ECU)

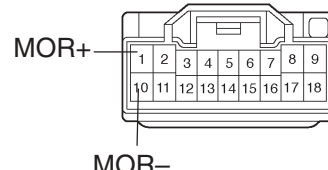
Wire Harness Side

S67  
Front Seat Outer Belt  
Assy RH



1 2 Service Wire

S65  
Seat Belt Control ECU



MOR+ MOR-

H45156  
I44437 I44441

- (a) Turn the ignition switch OFF.
- (b) Disconnect the cable from the negative (–) battery terminal.
- (c) Disconnect the S65 ECU connector.
- (d) Disconnect the S67 belt connector.
- (e) Using a service wire, connect terminals 1 and 2 of the S67 seat belt connector.

**NOTICE:**  
Do not forcibly insert a service wire into the terminals of a connector.

- (f) Measure the resistance of the wire harness side connector.

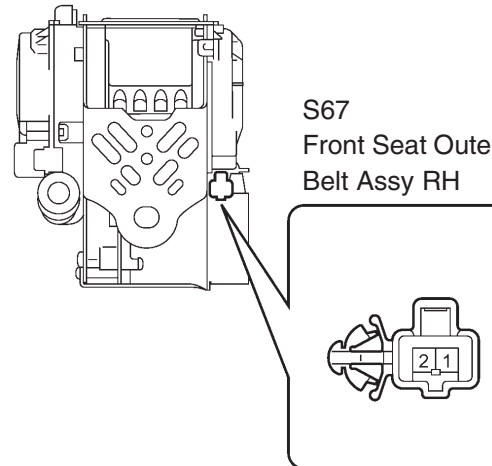
**Standard:**

Tester Connection	Specified Condition
S65–1 (MOR+) – S65–10 (MOR–)	Below 1 Ω

NG REPAIR OR REPLACE HARNESS AND CONNECTOR

OK

2 CHECK FRONT SEAT OUTER BELT ASSY RH



S67  
Front Seat Outer  
Belt Assy RH

H G25196

- (a) Measure the resistance of the seat belt connector.

**Standard:**

Tester Connection	Specified Condition
S67–1 – S67–2	Below 1 Ω

NG REPLACE FRONT SEAT OUTER BELT ASSY RH (See Pub. No. RM1049E, page 61–17)

OK

REPLACE SEAT BELT CONTROL ECU (See page 61–1)