DTC	B2005	LEFT SIDE MOTOR LINE MALFUNCTION HI

CIRCUIT DESCRIPTION

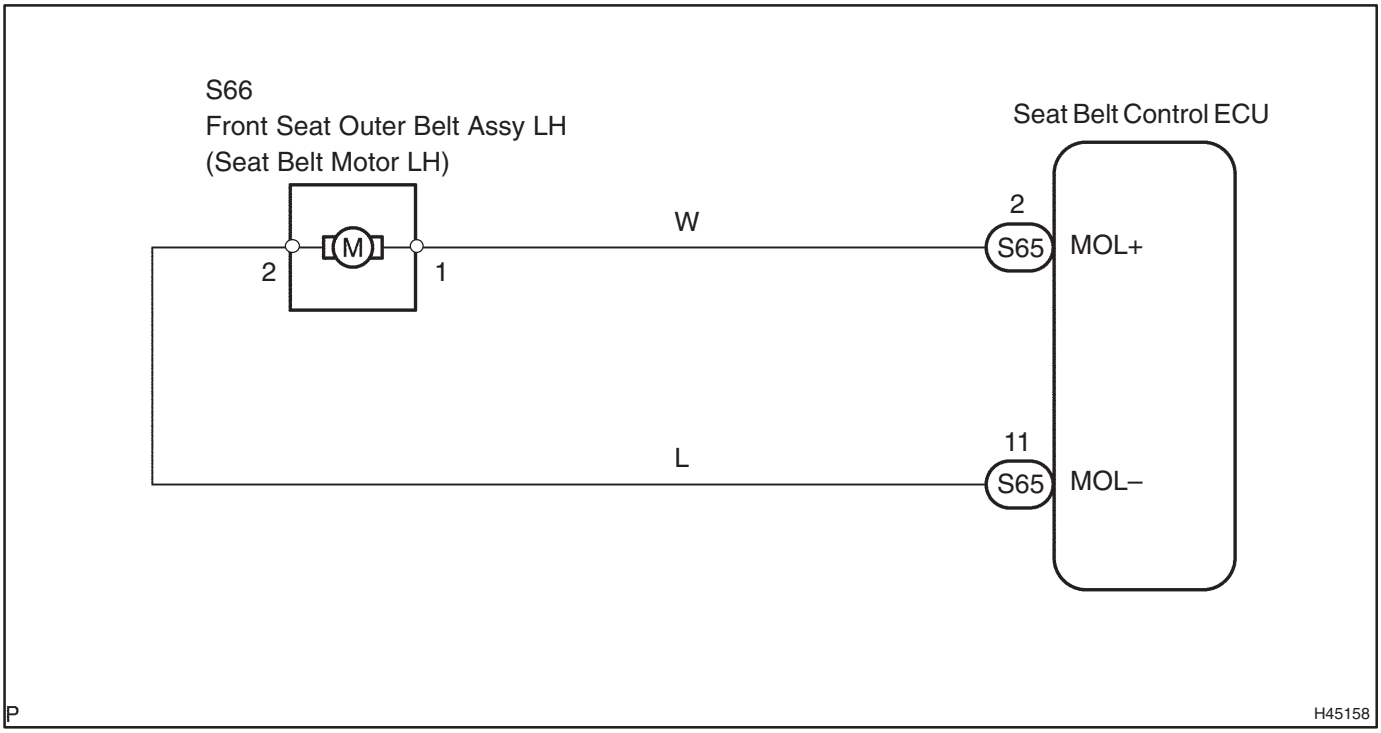
The seat belt control ECU receives information from the cruise control ECU (distance control ECU) through CAN communication and then tightens the seat belt by operating the motor in the front seat outer belt LH.

NOTICE:

The pretensioner is built into the front seat outer belt LH. 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.

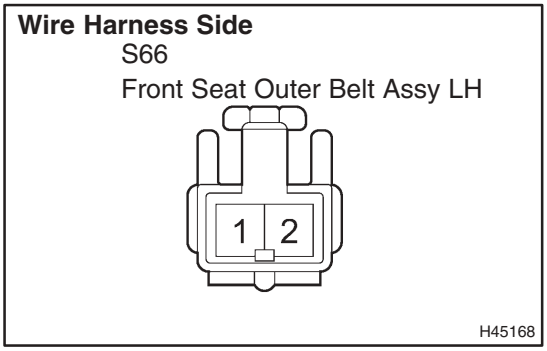
DTC No.	DTC Detection Condition	Trouble Area
B2005	• Short to B+ in seat belt motor LH circuit continues for 1 second or more • Short in seat belt motor LH circuit	• Front seat outer belt assy LH • Wire harness (Seat belt control ECU – Front seat outer belt assy LH) • Seat belt control ECU

WIRING DIAGRAM



INSPECTION PROCEDURE

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



(a) Turn the ignition switch OFF.
(b) Disconnect the cable from the negative (–) battery terminal.
(c) Disconnect the S65 ECU connector.
(d) Disconnect the S66 belt connector.
(e) Connect the cable to the negative (–) battery terminal.
(f) Turn the ignition switch ON.
(g) Measure the voltage and resistance of the wire harness side connector.

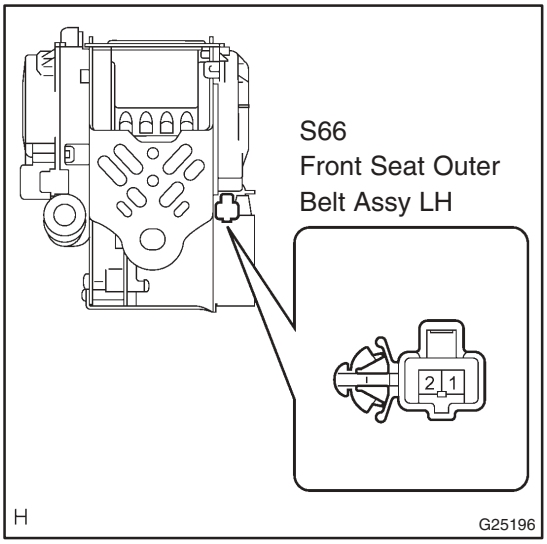
Standard:

Tester Connection	Condition	Specified Condition
S66–1 – Body ground	Ignition switch ON	Below 1 V
S66–2 – Body ground	Ignition switch ON	Below 1 V
S66–1 – S66–2	Always	10 kΩ or higher

NG → **REPLACE FRONT SEAT OUTER BELT ASSY LH**

OK

2	CHECK FRONT SEAT OUTER BELT ASSY LH



(a) Measure the voltage of the seat belt connector.

Standard:

Tester Connection	Condition	Specified Condition
S66–1 – Body ground	Ignition switch ON	Below 1 V
S66–2 – Body ground	Ignition switch ON	Below 1 V

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)