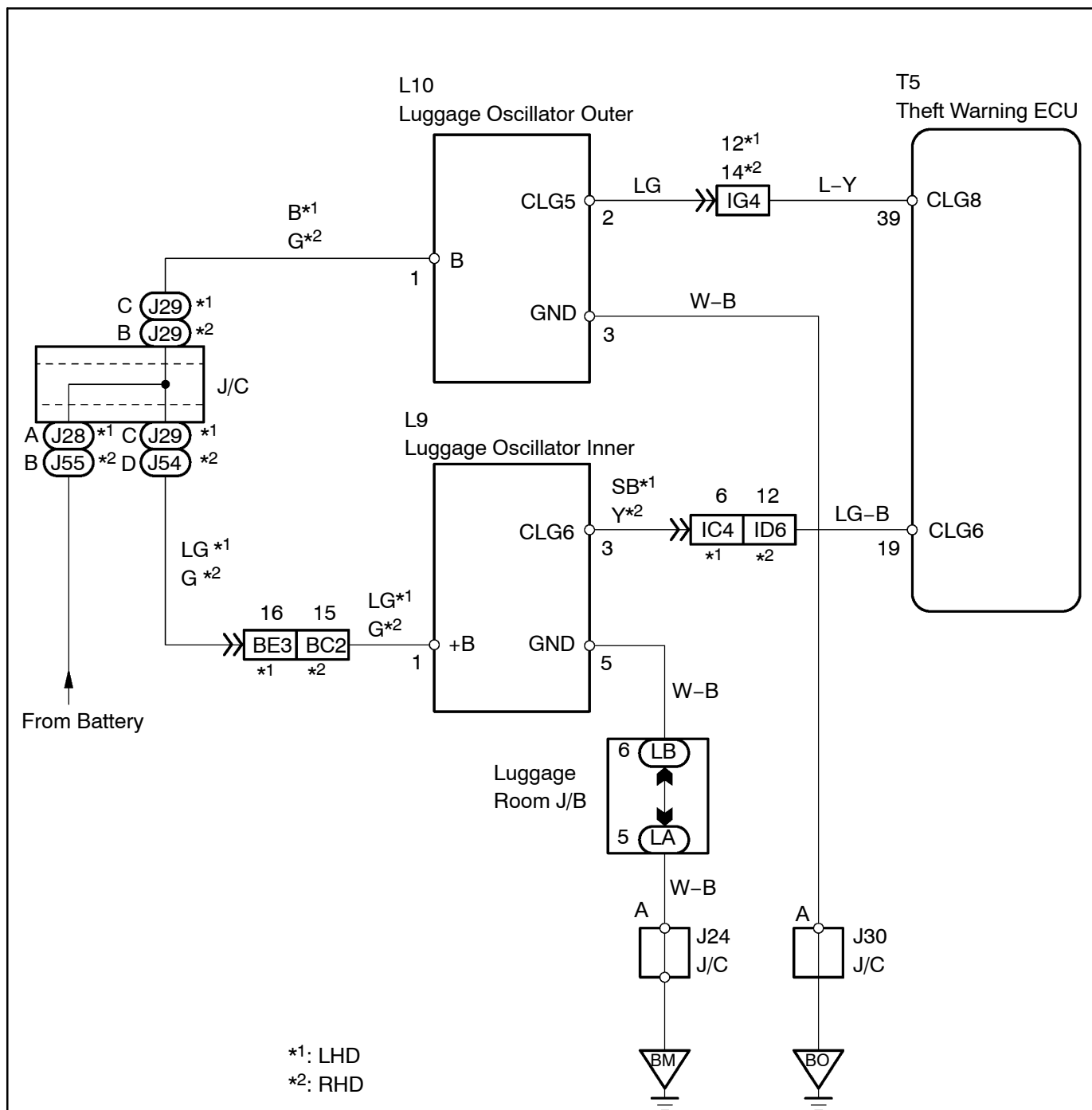


LUGGAGE OSCILLATOR CIRCUIT

CIRCUIT DESCRIPTION

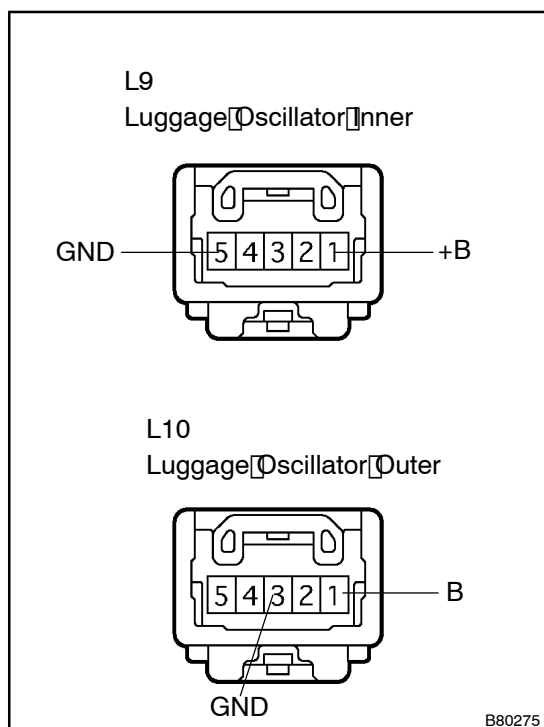
The theft warning ECU activates the inner and outer luggage oscillators. The power is supplied from the luggage room J/B to both the inner and outer luggage oscillators. The inner and outer luggage oscillator circuits have the same wiring. If the luggage door's smart functions have a malfunction, check the circuit for the malfunctioning oscillator.

WIRING DIAGRAM



INSPECTION PROCEDURE

1 CHECK WIRE HARNESS (LUGGAGE OSCILLATOR INNER AND LUGGAGE OSCILLATOR OUTER - BODY GROUND)



- (a) Disconnect the L9 luggage oscillator inner Assy connector.
- (b) Disconnect the L10 luggage oscillator outer Assy connector.
- (c) Measure the voltage and resistance between the wire harness side connectors and body ground.

Standard:**Luggage oscillator inner:**

Tester Connection	Specified Condition
L9-5 (GND) - Body ground	Below 1 Ω
L9-1 (+B) - Body ground	10 to 4 V

Luggage oscillator outer:

Tester Connection	Specified Condition
L10-3 (GND) - Body ground	Below 1 Ω
L10-1 (B) - Body ground	10 to 4 V

NG

REPAIR OR REPLACE HARNESS AND CONNECTOR

OK

2 PERFORM ACTIVE TEST USING INTELLIGENT TESTER II

- (a) Connect the Intelligent Tester II to the DLC3.
- (b) Turn the ignition switch ON and press the Intelligent Tester II main switch ON.
- (c) Select the item below in the ACTIVE TEST and then check that the oscillator operates.

Theft warning ECU:

Item	Test Details	Diagnostic Note
Inner oscillator	Outputs/Stops	-
Outer oscillator	Outputs/Stops	-

OK: When the smart key is brought close to the door oscillator that is ON, the indicator on the smart key illuminates.

NG

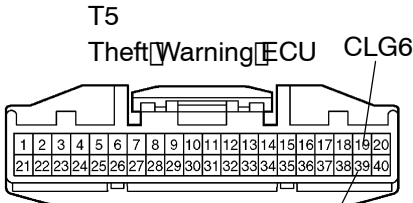
Go to step 3

OK

PROCEED TO NEXT CIRCUIT INSPECTION SHOWN ON PROBLEM SYMPTOMS TABLE
(See page 05-2634)

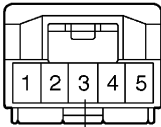
3. CHECK WIRE HARNESS (THEFT WARNING ECU - LUGGAGE OSCILLATOR INNER AND LUGGAGE OSCILLATOR OUTER)

Wire Harness Side



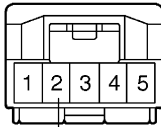
CLG8

L9
Luggage Oscillator Outer



CLG6

L10
Luggage Oscillator Outer



CLG5

B80330

- (a) Disconnect the T5 ECU connector.
- (b) Disconnect the L9 luggage oscillator inner Assy connector.
- (c) Disconnect the L10 luggage oscillator inner Assy connector.
- (d) Measure the resistance of between the wire harness side connectors.

Standard:

Luggage oscillator inner:

Tester Connection	Specified Condition
T5-19 (CLG6) - L9-3 (CLG6)	Below 1 Ω

Luggage oscillator outer:

Tester Connection	Specified Condition
T5-39 (CLG8) - L10-2 (CLG5)	Below 1 Ω

NG

REPAIR OR REPLACE HARNESS AND CONNECTOR

OK

PROCEED TO NEXT CIRCUIT INSPECTION SHOWN ON PROBLEM SYMPTOMS TABLE
(See page 05-2634)