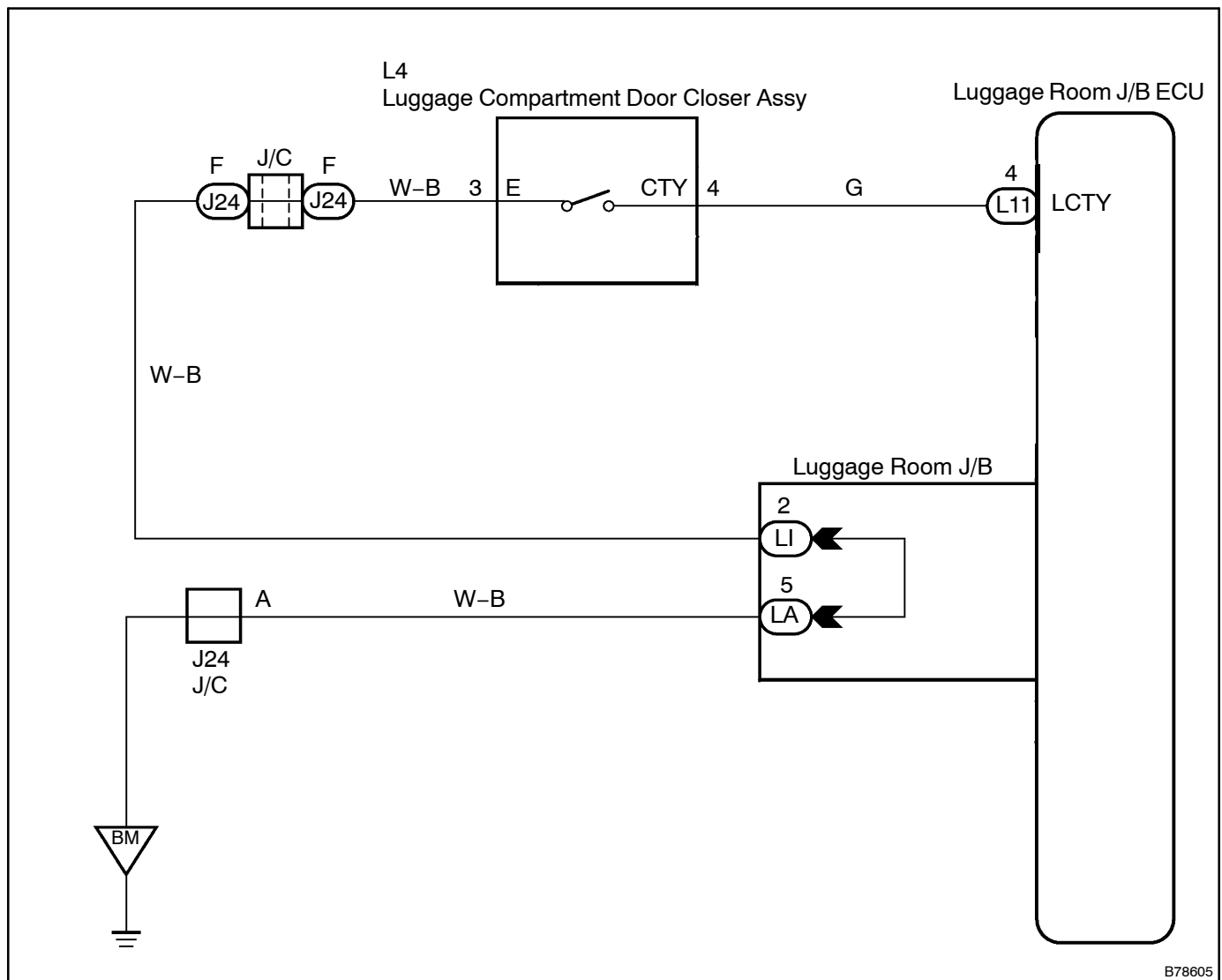05I0N-01

LUGGAGE COMPARTMENT DOOR COURTESY SWITCH CIRCUIT

CIRCUIT DESCRIPTION

The door courtesy lamp turns on when the door is open and turns off when the door is closed.
The luggage room J/B ECU detects the condition of the door courtesy switch and sends the information to each ECU via the multiplex communication circuit.

WIRING DIAGRAM

B78605

INSPECTION PROCEDURE

1	READ VALUE OF INTELLIGENT TESTER II (DOOR COURTESY SWITCH)

(a) Check the DATA LIST for proper functioning of the door courtesy switch.
Luggage Room J/B ECU:

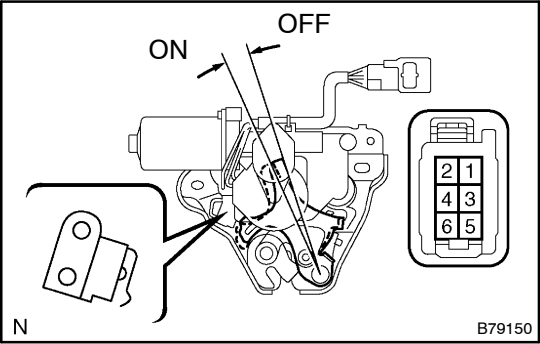| Item	Measurement Item/Display (Range)	Normal Condition	Diagnostic Note
Lugg Courtsy	Door courtesy switch signal /ON or OFF	ON: Door is open OFF: Door is closed	–

OK: "ON" (door is open) appears on the screen.

> NG > Go to step 2

> OK

PROCEED TO NEXT CIRCUIT INSPECTION SHOWN ON PROBLEM SYMPTOM TABLE (See page 05–2529)

2	INSPECT LUGGAGE COMPARTMENT DOOR LOCK ASSY (LUGGAGE COMPART-MENT DOOR COURTESY LAMP SWITCH ASSY)

ON OFF

N   B79150

(a) Remove the luggage door lock.
(b) Measure the resistance of the switch.
Standard:

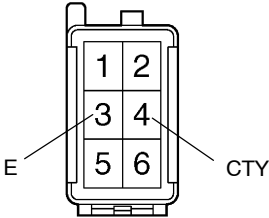| Tester Connection	Switch Position	Specified Condition
3 – 4	Not Pushed (ON)	Below 1 Ω
3 – 4	Pushed (OFF)	10 kΩ or higher

> NG > REPLACE LUGGAGE COMPARTMENT DOOR LOCK ASSY

> OK

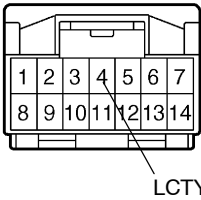| 3 | CHECK WIRE HARNESS (LUGGAGE COMPARTMENT DOOR LOCK ASSY – LUG-GAGE ROOM J/B) |

Wire Harness Side

L4

Luggage Compartment Door Closer Assy

```
  1 2
  3 4
E 5 6 CTY
```

T

L11
Luggage Room J/B ECU

```
1 2 3 4 5 6 7
8 9 10 11 12 13 14
        LCTY
```

B69839
B62731   B78606

(a) Disconnect the L4 lock and L11 ECU connectors.

(b) Measure the resistance of the wire harness side connectors.

Standard:

Tester Connection	Specified Condition
L4–4 (CTY) – L11–4 (LCTY)	Below 1 Ω
L5–3 (E) – Body ground	Below 1 Ω

NG ▷ REPAIR OR REPLACE HARNESS AND CONNECTOR

OK

PROCEED TO NEXT CIRCUIT INSPECTION SHOWN ON PROBLEM SYMPTOM TABLE