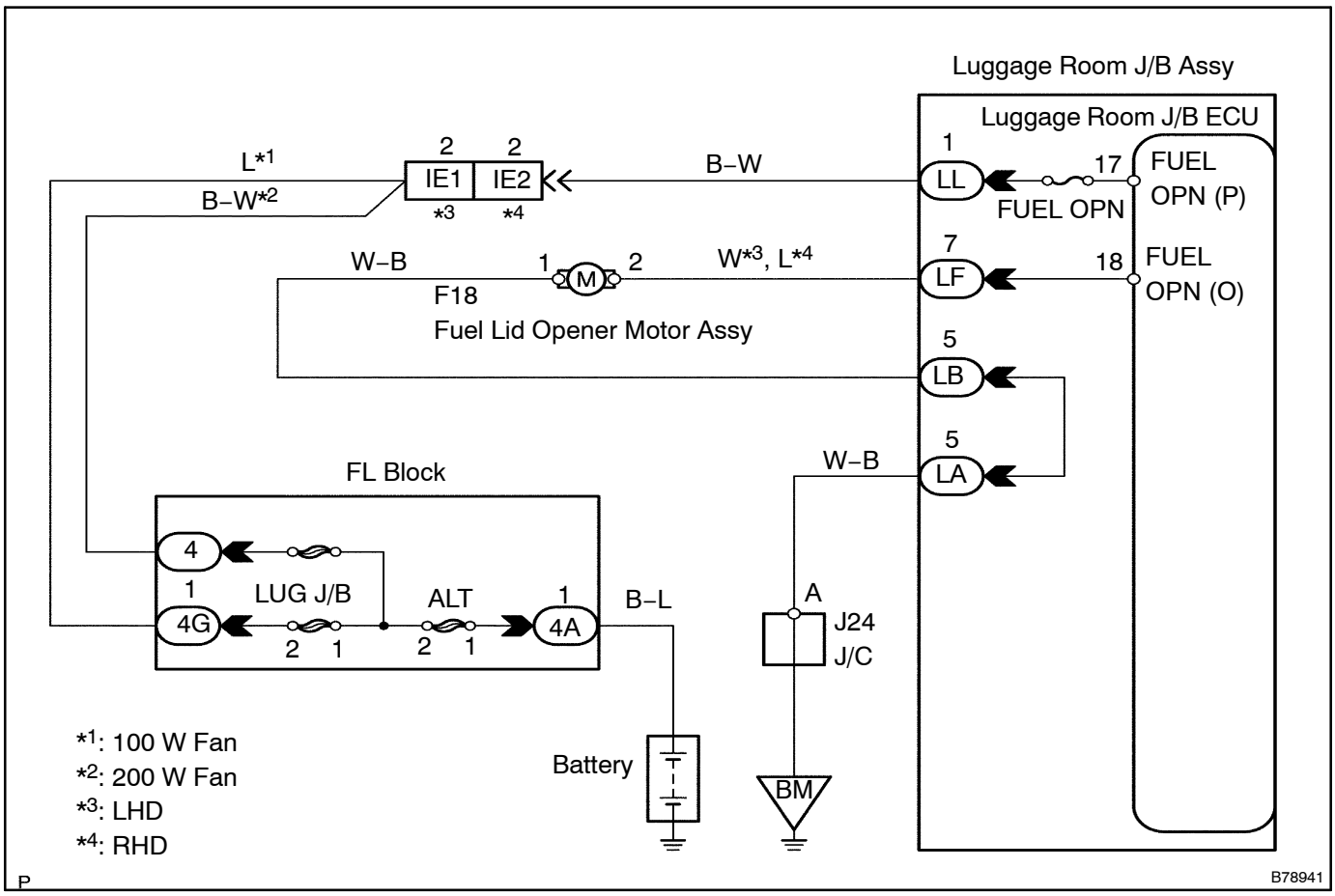
FUEL LID OPENER MOTOR CIRCUIT

CIRCUIT DESCRIPTION

The circuit opens the fuel lid when the ECU sends signals to the fuel lid opener switch.

WIRING DIAGRAM



INSPECTION PROCEDURE

1	PERFORM ACTIVE TEST USING INTELLIGENT TESTER II

(a) Select the ACTIVE TEST, use the intelligent tester II to generate a control command, and then check the fuel lid opener motor.

Luggage room J/B ECU:

Item	Test Detail	Diagnostic Note
Fuel Lid Open	Operate fuel lid motor OFF/ON	–

OK: Fuel lid opener is opened.

NG → **Go to step 2**

OK

PROCEED TO NEXT CIRCUIT INSPECTION SHOWN ON PROBLEM SYMPTOM TABLE (See page 05–2821)

2	CHECK FUSE (FUEL OPN)

(a) Remove the FUEL OPN fuse from the luggage room J/B.

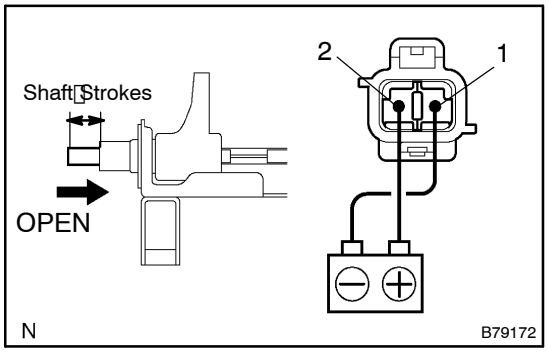
(b) Measure the resistance.

Standard: Below 1 Ω

NG → **REPLACE FUSE**

OK

3	CHECK FUEL LID OPENER MOTOR ASSY



(a) Apply battery voltage to the motor and check operation of the fuel lid opener motor.

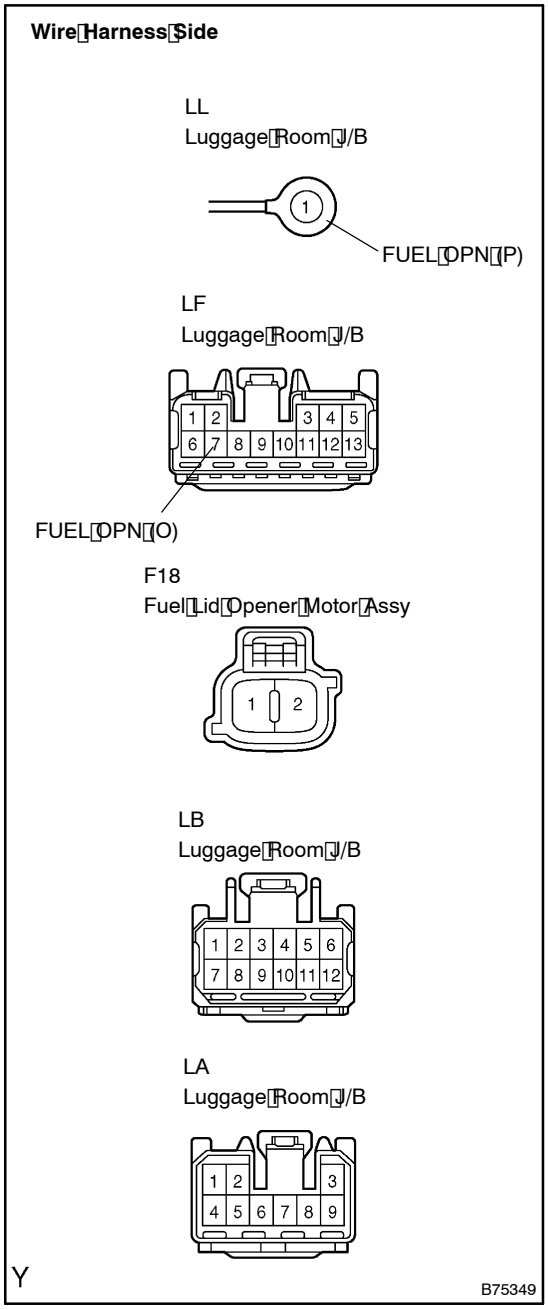
OK:

Measurement Condition	Specified Condition
Battery positive (+) → Terminal 2 Battery negative (–) → Terminal 1	Moves to open direction

NG → **REPLACE FUEL LID OPENER MOTOR ASSY**

OK

4	CHECK WIRE HARNESS (LUGGAGE ROOM J/B – FUEL LID OPENER MOTOR ASSY AND BODY GROUND)



(a) Disconnect the LA, LB, LF and LL J/B connectors.
(b) Disconnect the F18 motor connector.
(c) Measure the resistance of the wire harness side connectors.

Standard:

Tester Connection	Specified Condition
LL–1 (FUEL OPN–(P)) – Body ground	10 to 14 V
LF–7 (FUEL OPN (O)) – F18–2	Below 1 Ω
F18–1 – LB–5	Below 1 Ω
LA–5 – Body ground	Below 1 Ω

NG → **REPAIR OR REPLACE HARNESS AND CONNECTOR**

OK

PROCEED TO NEXT CIRCUIT INSPECTION SHOWN ON PROBLEM SYMPTOM TABLE (See page 05–2821)