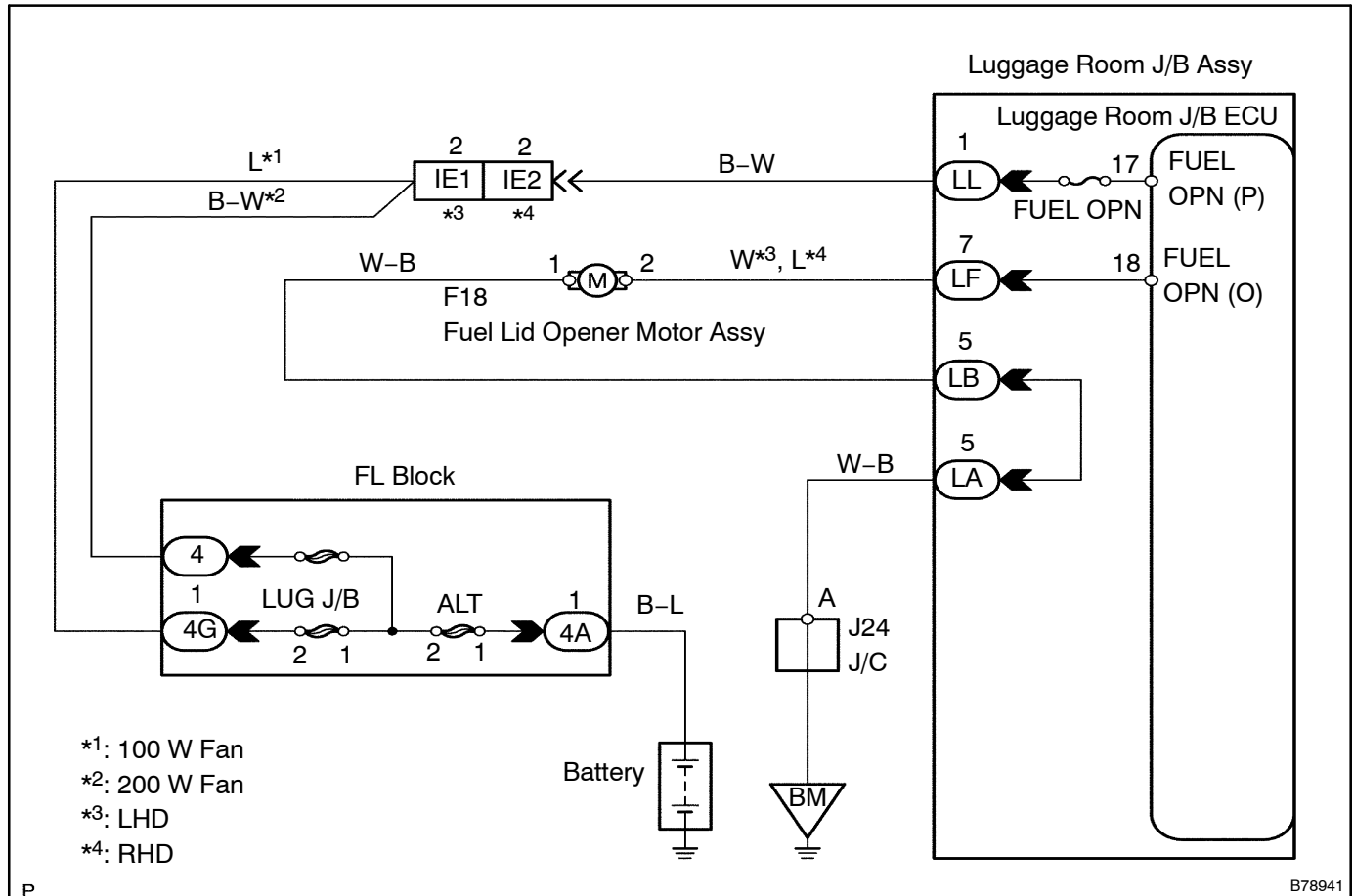


FUEL LID OPENER MOTOR CIRCUIT

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)

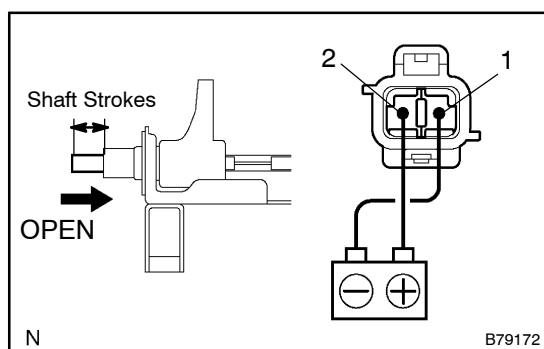
- (a) Remove the FUEL OPN fuse from the luggage room J/B.
 (b) Measure the resistance.

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

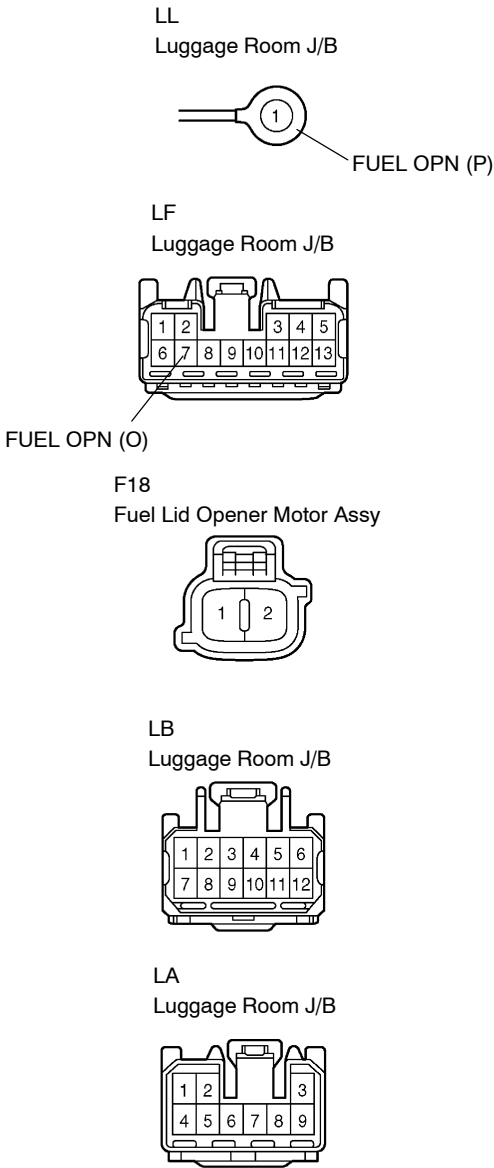
NG

REPLACE FUEL LID OPENER MOTOR ASSY

OK

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

Wire Harness Side



- (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

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REPAIR OR REPLACE HARNESS AND CONNECTOR

OK

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