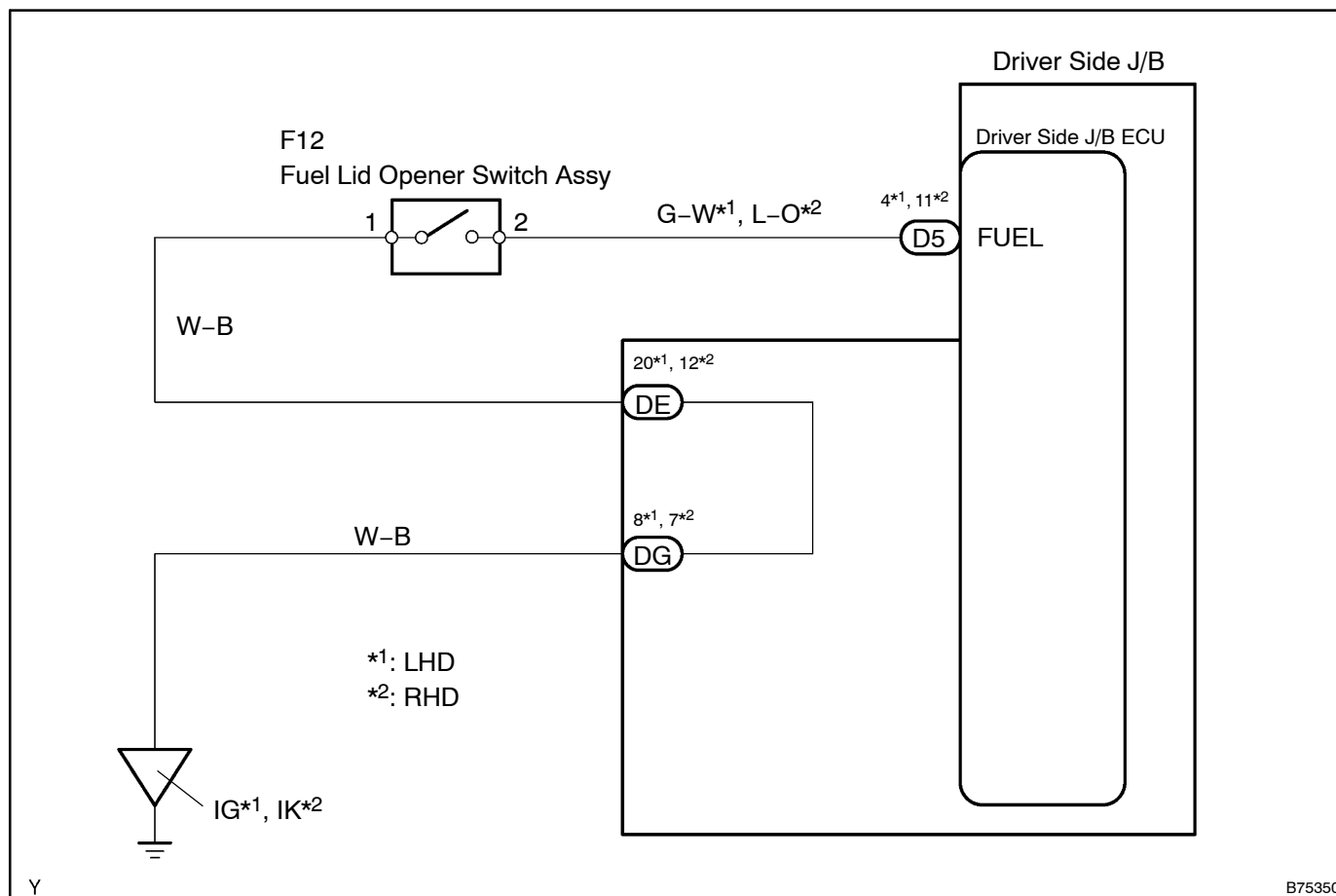# FUEL LID OPENING SWITCH CIRCUIT

CIRCUIT DESCRIPTION

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

WIRING DIAGRAM

INSPECTION PROCEDURE

1	READ VALUE OF INTELLIGENT TESTER II (FUEL LID OPENER SWITCH)

(a) Check the DATA LIST for proper functioning of the fuel lid opener switch.

Driver side J/B ECU:

| Item	Measurement Item/Display (Range)	Normal Condition	Diagnostic Note
Fuel Lid Opn SW	Fuel lid opener switch signal /ON or OFF	ON: Fuel lid opener switch is pulled OFF: Fuel lid opener switch is not pulled	–

OK: ”ON” (fuel lid opener switch is pulled) appears on the screen.

NG ▷ Go to step 2

OK ▽

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

2	CHECK FUEL LID OPENER SWITCH

Pull

B79173
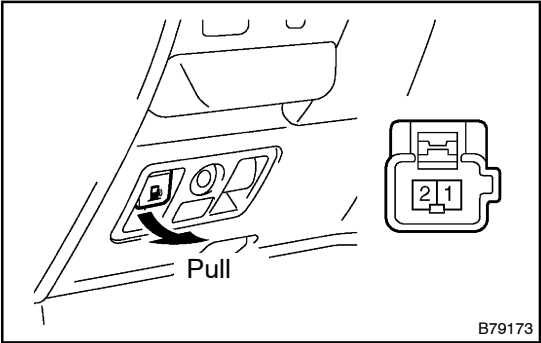
(a) Measure the resistance of the switch.

Standard:

Tester Connection	Switch Condition	Specified Condition
1 – 2	OFF (not pulled)	10 kΩ or higher
1 – 2	ON (pulled)	Below 1 Ω

NG ▷ REPLACE FUEL LID OPENER SWITCH

OK ▽

3	CHECK WIRE HARNESS (DRIVER SIDE J/B ECU – FUEL LID OPENER SWITCH AND BODY GROUND)

Wire Harness Side

D5
Driver Side J/B ECU

1	2	3	4	5	6	7	8	9	10	11
12	13	14	15	16	17	18	19	20	21	22

FUEL*1   FUEL*2

F12
Fuel Lid Opener Switch

1	2
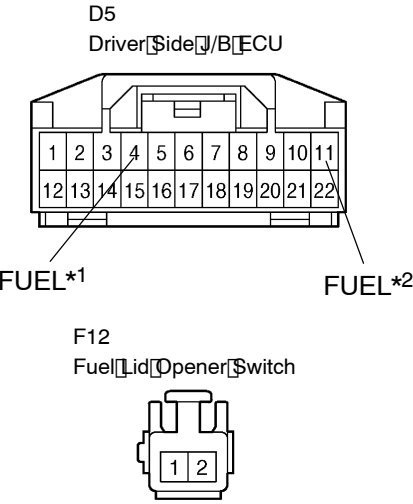
*1: LHD
*2: RHD

Y   B75351

(a) Disconnect the D5 ECU connector.
(b) Disconnect the F12 switch connector.
(c) Measure the resistance of the wire harness side connectors.

Standard:

Tester Connection	Specified Condition
D5–4*1, 11*2 (FUEL) – F12–2	Below 1 Ω
F12–1 – 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)