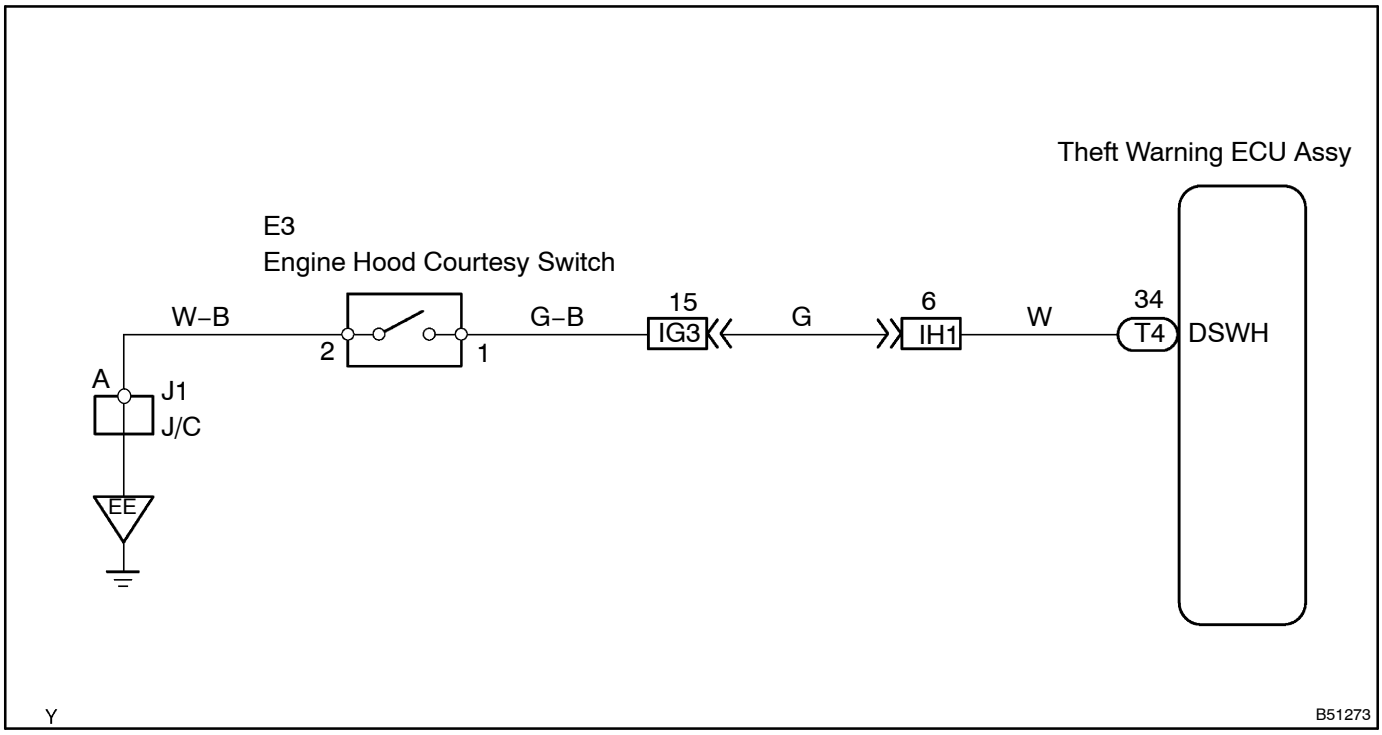
ENGINE HOOD COURTESY SWITCH CIRCUIT

CIRCUIT DESCRIPTION

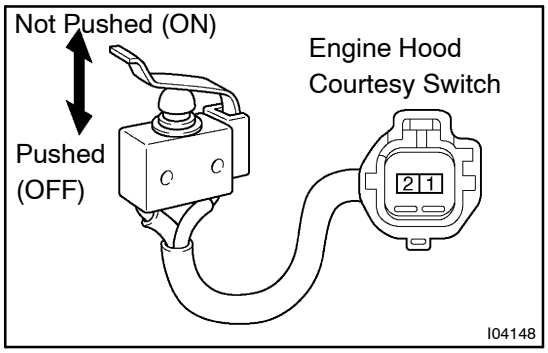
The hood door courtesy switch is built in the engine hood lock assembly. The switch turns on when the engine hood is opened and turns off when the engine hood is closed.

WIRING DIAGRAM



INSPECTION PROCEDURE

1	INSPECT ENGINE HOOD COURTESY SWITCH



(a) Remove the courtesy switch.
(b) Measure the resistance of the switch.
Standard:

Tester Connection	Condition	Specified Condition
1 – 2	Pushed (OFF (lock))	10 kΩ or higher
1 – 2	Not pushed (ON (unlock))	Below 1 Ω

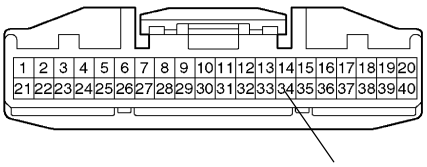
NG → **REPLACE ENGINE HOOD COURTESY SWITCH**

OK

2	CHECK WIRE HARNESS (THEFT WARNING ECU ASSY – ENGINE HOOD COURTESY SWITCH)

Wire Harness Side

T4
Theft Warning ECU Assy



E3
Engine Hood Courtesy Switch



B81245

(a) Disconnect the T4 ECU connector.
(b) Disconnect the E3 switch connector.
(c) Measure the resistance of the wire harness side connectors.

Standard:

Tester Connection	Specified Condition
T4–34 (DSWH) – E3–1	Below 1 Ω

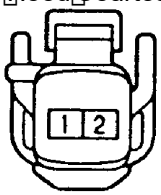
NG → **REPAIR OR REPLACE HARNESS AND CONNECTOR**

OK

3	CHECK WIRE HARNESS (ENGINE HOOD COURTESY SWITCH – BODY GROUND)

Wire Harness Side

E3
Engine Hood Courtesy Switch



B31016

(a) Disconnect the E3 switch connector.
(b) Measure the resistance of the wire harness side connector.

Standard:

Tester Connection	Specified Condition
E3–2 – Body ground	Below 1 Ω

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

OK

PROCEED TO NEXT CIRCUIT INSPECTION SHOWN ON PROBLEM SYMPTOMS TABLE (See page 05–1102)