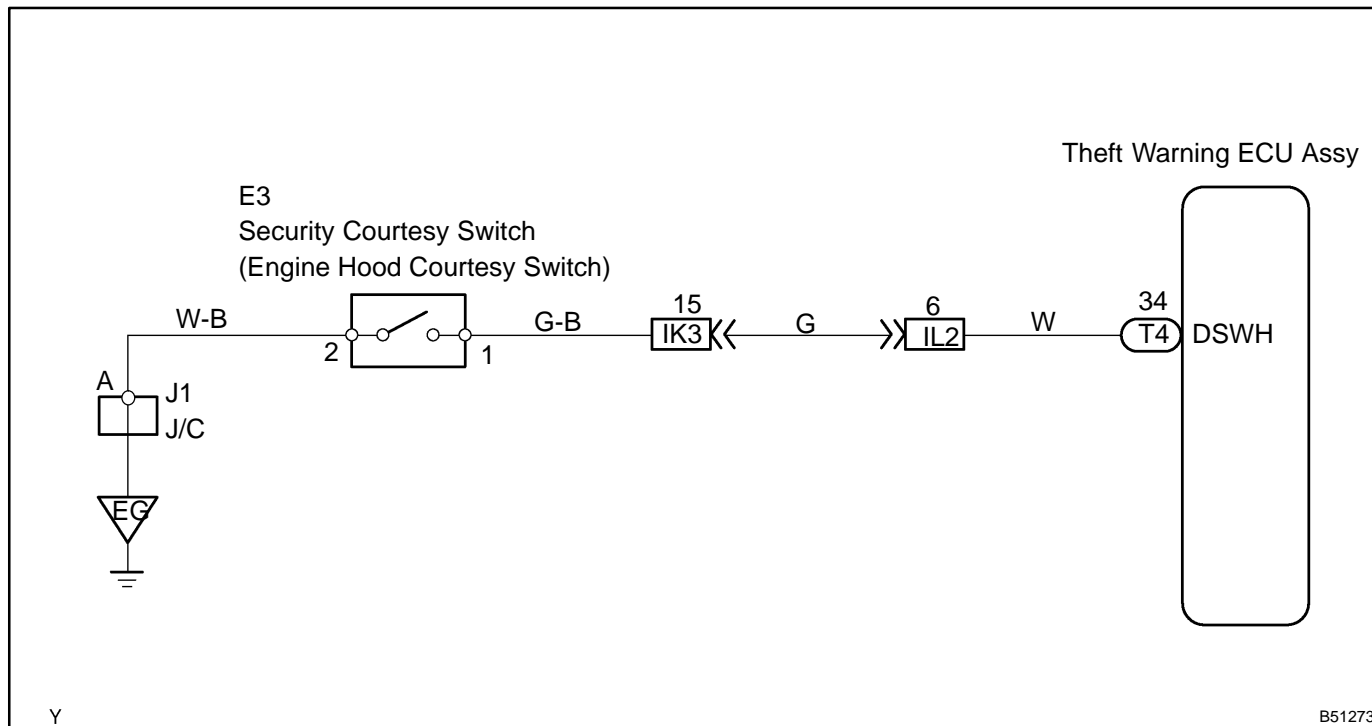


## ENGINE HOOD COURTESY SWITCH CIRCUIT

### CIRCUIT DESCRIPTION

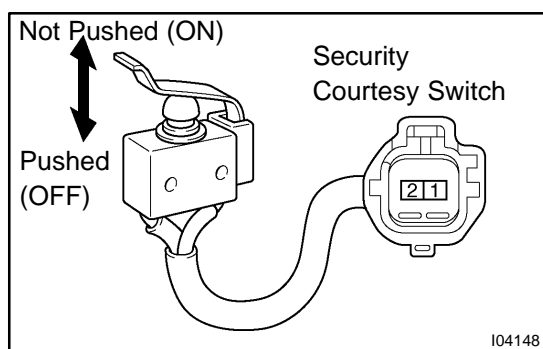
The hood door courtesy switch is built in the engine hood lock assembly. The switch comes on when the engine hood is opened and goes off when the engine hood is closed.

### WIRING DIAGRAM



### INSPECTION PROCEDURE

#### 1 INSPECT SECURITY COURTESY SWITCH



- Remove the courtesy switch.
- Measure the resistance of the switch.

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 SECURITY COURTESY SWITCH

OK

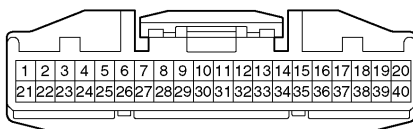
## 2 CHECK WIRE HARNESS (THEFT WARNING ECU ASSY - SECURITY COURTESY SWITCH)

### Wire Harness Side

E3  
Security Courtesy Switch



T4  
Theft Warning ECU Assy



Y

B77252

- Disconnect the T4 ECU connector.
- Disconnect the E3 switch connector.
- Measure the resistance between the wire harness side connectors.

#### Standard:

Tester Connection	Specified Condition
T4-34 (DSWH) - E3-1	Below 1 $\Omega$

NG

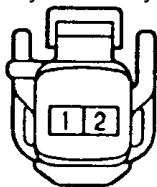
**REPAIR OR REPLACE HARNESS AND CONNECTOR**

OK

## 3 CHECK WIRE HARNESS (SECURITY COURTESY SWITCH - BODY GROUND)

### Wire Harness Side

E3  
Security Courtesy Switch



B31016

- Disconnect the E3 switch connector.
- Measure the resistance between the wire harness side connector and body ground.

#### Standard:

Tester Connection	Specified Condition
E3-2 - Body ground	Below 1 $\Omega$

NG

**REPAIR OR REPLACE HARNESS AND CONNECTOR**

OK

**REPLACE THEFT WARNING ECU ASSY**