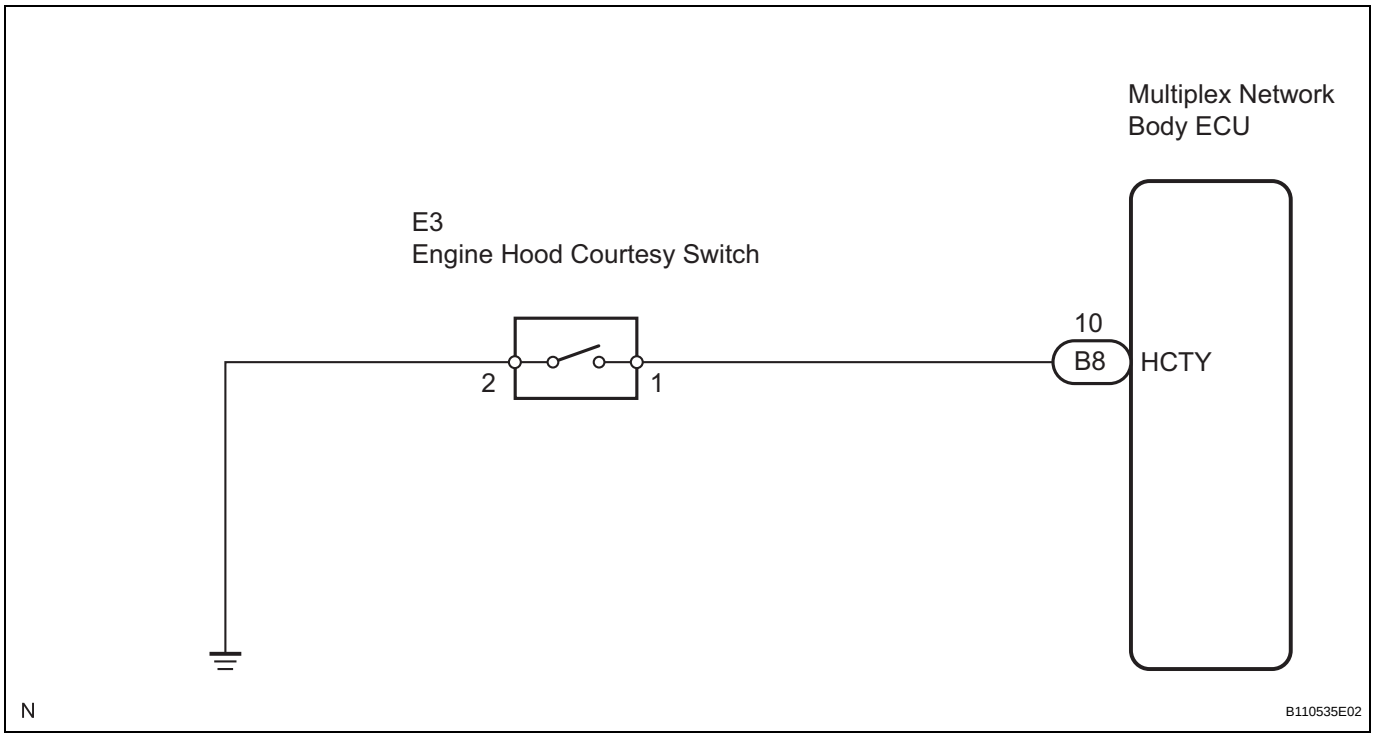
Engine Hood Courtesy Switch Circuit

DESCRIPTION

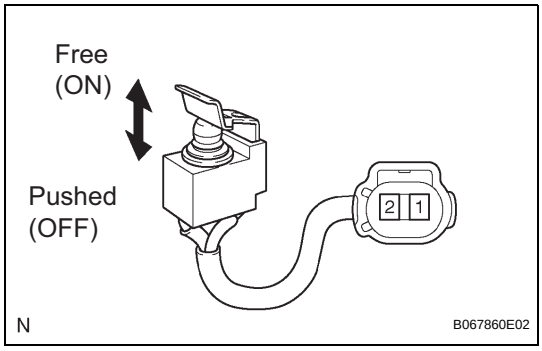
The engine hood courtesy switch is built in the engine hood lock assembly. The switch turns on when the engine hood is opened and turns off when the engine hood is closed.

WIRING DIAGRAM



INSPECTION PROCEDURE

1	INSPECT ENGINE HOOD COURTESY SWITCH



(a) Remove the courtesy switch.
(b) Disconnect the E3 switch connector.
(c) Measure the resistance according to the value(s) in the table below.

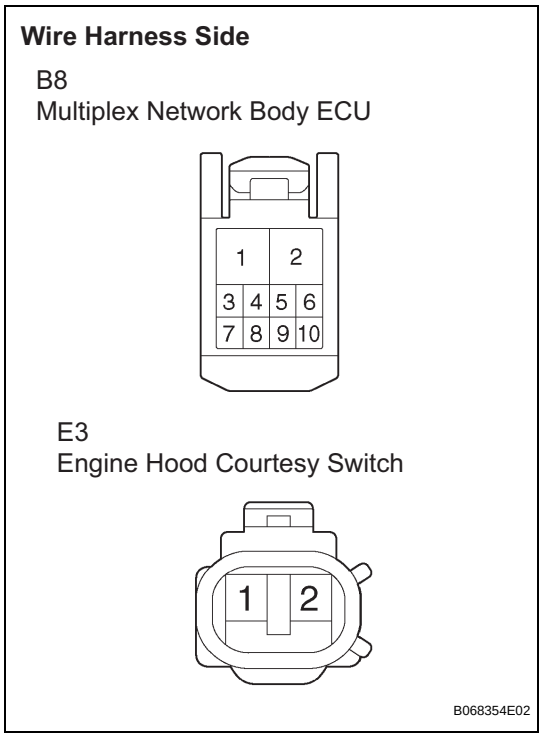
Standard resistance

Tester Connection	Condition	Specified Condition
1-2	Pushed: OFF (Locked)	10 kΩ or higher
1-2	Free: ON (Unlocked)	Below 1 Ω

NG → **REPLACE ENGINE HOOD COURTESY SWITCH**

OK

2	CHECK HARNESS AND CONNECTOR (MULTIPLEX NETWORK BODY ECU - ENGINE HOOD COURTESY SWITCH)



(a) Disconnect the B8 ECU connector.
(b) Measure the resistance according to the value(s) in the table below.

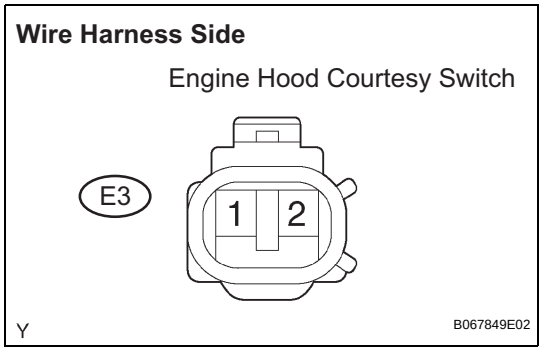
Standard resistance

Symbol (Tester Connection)	Specified Condition
HCTY (B8-10) - (E3-1)	Below 1 Ω
HCTY (B8-10) - Body ground	10 kΩ or higher

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

OK

3	CHECK HARNESS AND CONNECTOR (ENGINE HOOD COURTESY SWITCH - BODY GROUND)



(a) Measure the resistance according to the value(s) in the table below.

Standard resistance

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

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

OK

REPLACE MULTIPLEX NETWORK BODY ECU

TD