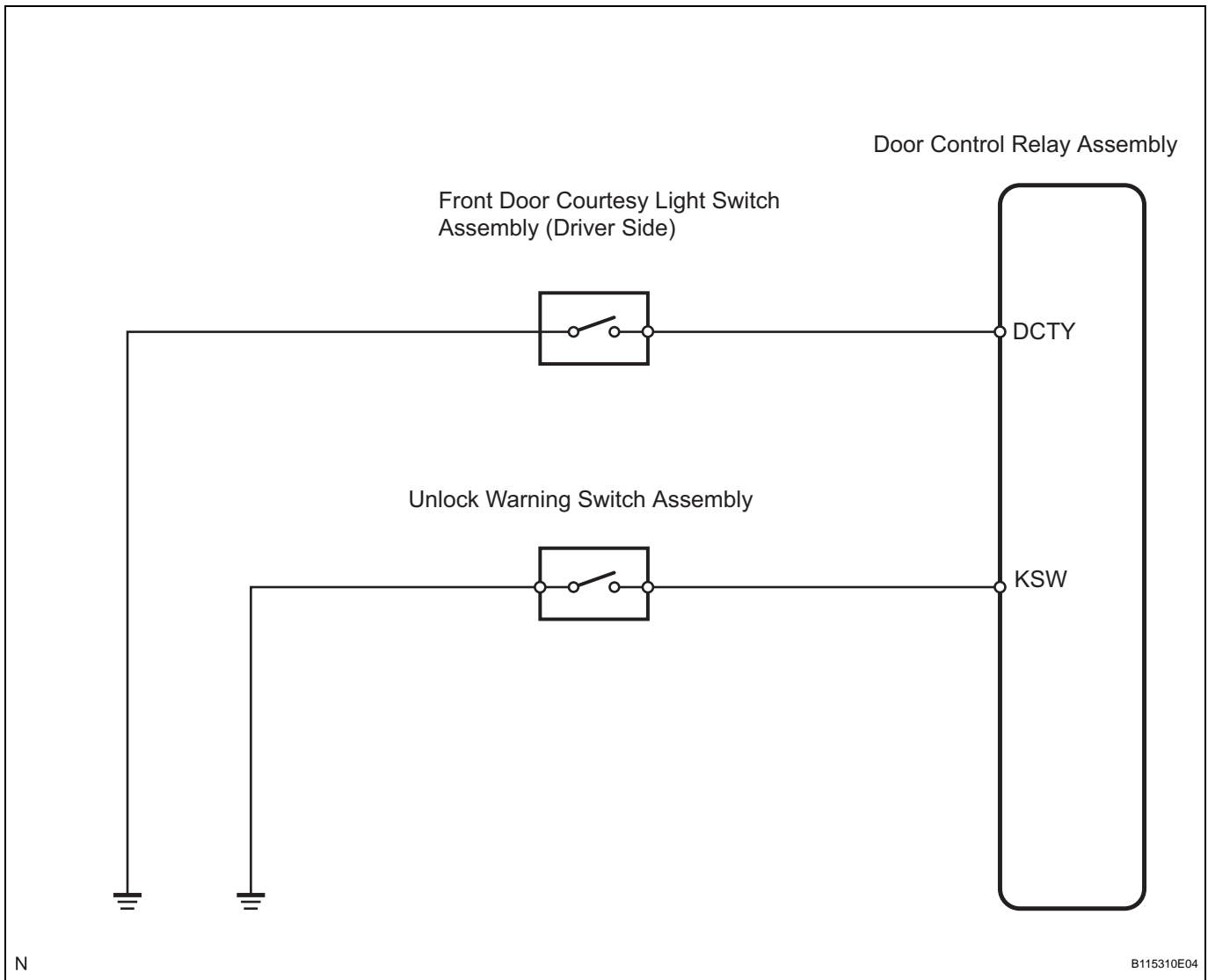
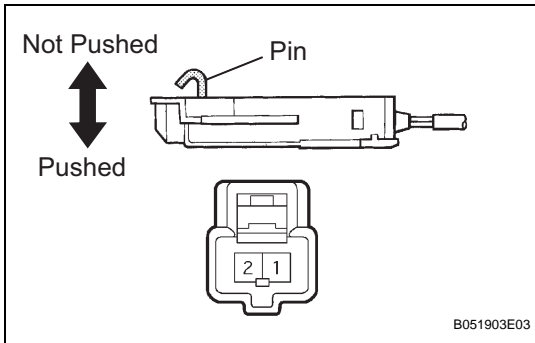


**Key Lock-in Prevention Function does not Work Properly****DESCRIPTION**

To prevent the key from being locked in the vehicle, the door control relay assembly prevents doors from being locked by monitoring 2 switches: 1) the unlock warning switch, which turns ON when the key is inserted into the ignition key cylinder; and 2) the front door courtesy light switch assembly (driver side), which turns ON when the driver side door is opened.

**WIRING DIAGRAM**

**1 INSPECT UNLOCK WARNING SWITCH ASSEMBLY**



- (a) Remove the unlock warning switch.
- (b) Measure the resistance of the switch.

**Standard resistance**

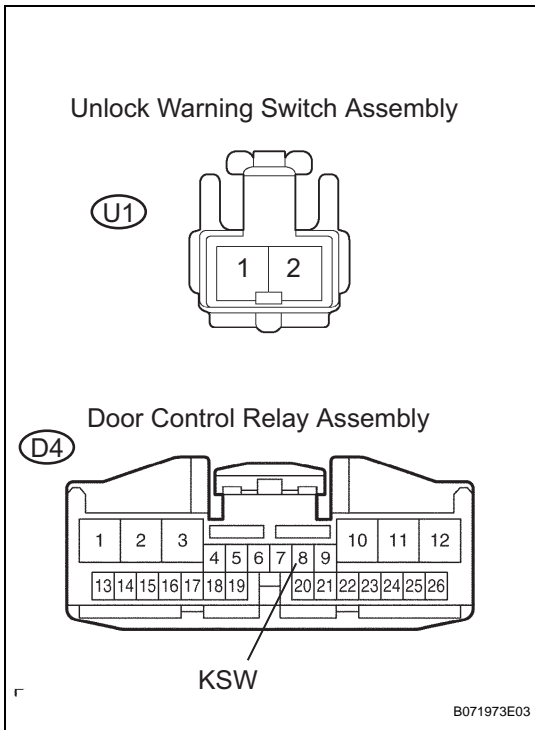
Tester Connection	Switch Condition	Specified Condition
1 - 2	Not pushed	10 kΩ or higher
1 - 2	Pushed	Below 1 Ω

**NG** → **REPLACE UNLOCK WARNING SWITCH ASSEMBLY**

**OK**

**DL**

**2 CHECK WIRE HARNESS (UNLOCK WARNING SWITCH - DOOR CONTROL RELAY AND BODY GROUND)**



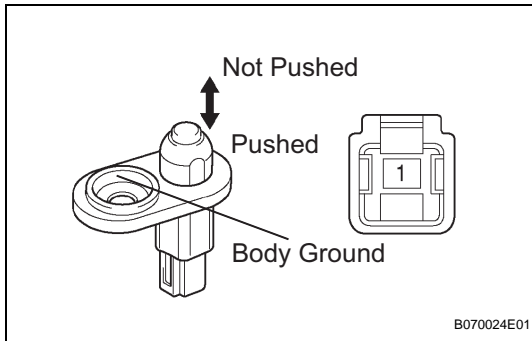
- (a) Disconnect the U1 switch connector.
- (b) Disconnect the D4 relay connector.
- (c) Measure the resistance of the wire harness side connectors.

**Standard resistance**

Tester Connection	Specified Condition
U1-2 - D4-8 (KSW)	Below 1 Ω
U1-1 - Body ground	Below 1 Ω

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

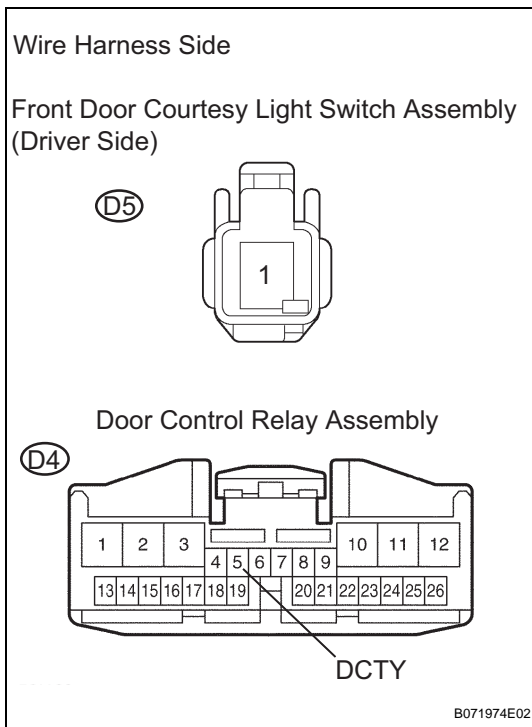
**OK**

**3 INSPECT FRONT DOOR COURTESY LIGHT SWITCH ASSEMBLY (DRIVER SIDE)**

- (a) Remove the courtesy light switch.  
 (b) Measure the resistance of the switch.

**Standard resistance**

Tester Connection	Switch Condition	Specified Condition
1 - Body ground	Not pushed	Below 1 $\Omega$
1 - Body ground	Pushed	10 k $\Omega$ or higher

**NG****REPLACE FRONT DOOR COURTESY LIGHT SWITCH ASSEMBLY (DRIVER SIDE)****OK****4 CHECK WIRE HARNESS (FRONT DOOR COURTESY LIGHT SWITCH LH - DOOR CONTROL RELAY)**

- (a) Disconnect the D5 switch connector.  
 (b) Disconnect the D4 relay connector.  
 (c) Measure the resistance of the wire harness side connectors.

**Standard resistance**

Tester Connection	Specified Condition
D5-1 - D4-5 (DCTY)	Below 1 $\Omega$

**NG****REPAIR OR REPLACE HARNESS AND CONNECTOR****OK****REPLACE DOOR CONTROL RELAY ASSEMBLY**