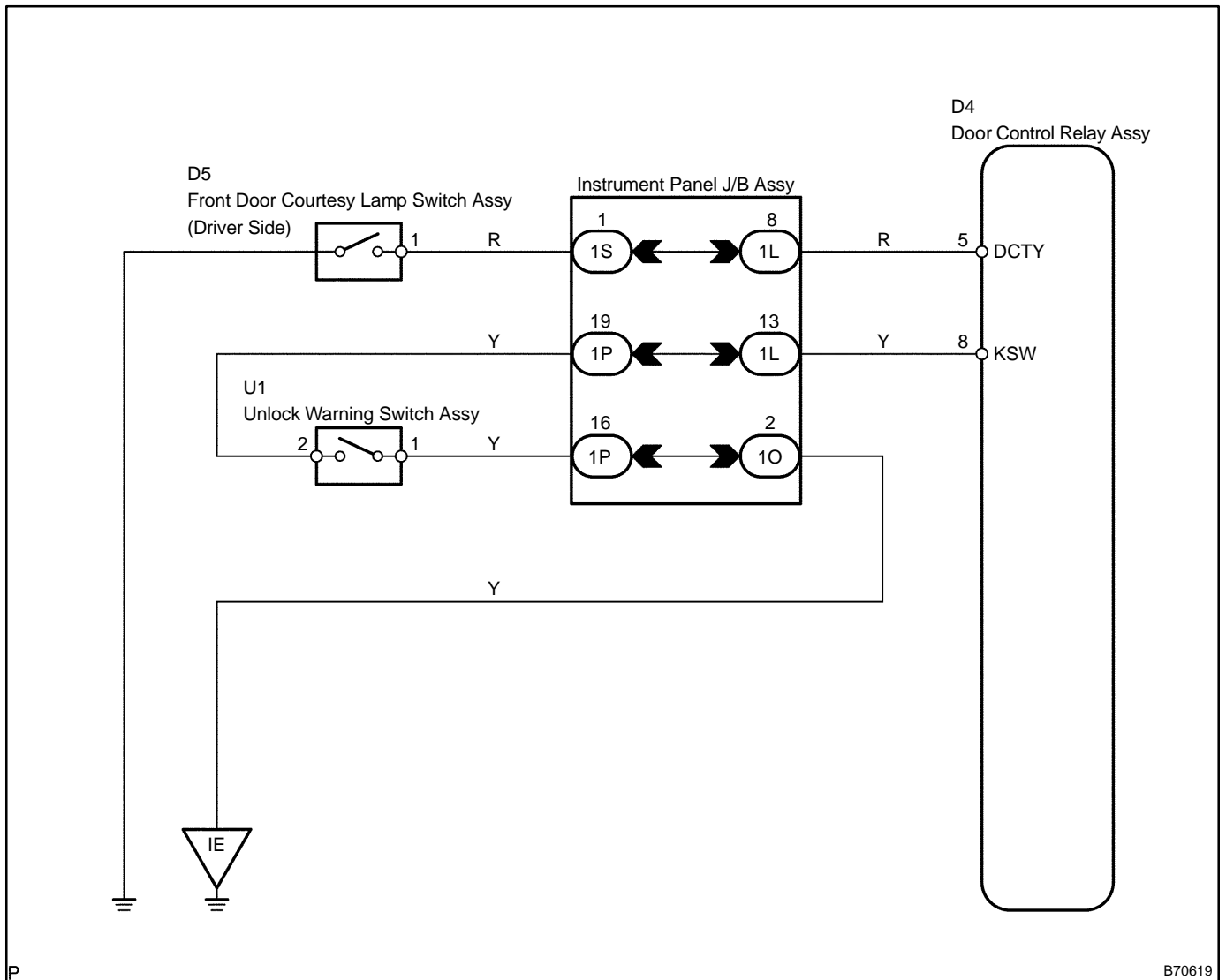


KEY LOCK-IN PREVENTION FUNCTION DOES NOT WORK PROPERLY (MANUAL OPERATION AND KEY-LINKED LOCK ARE ACTIVATED)

CIRCUIT DESCRIPTION

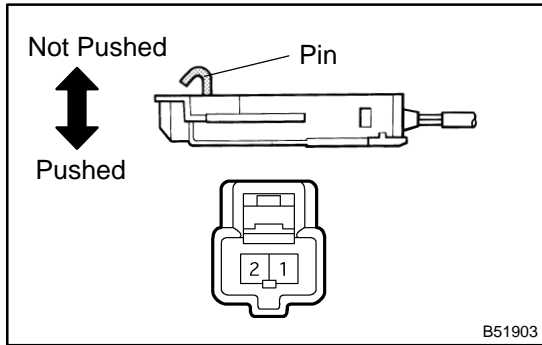
To prevent the key from being locked in the vehicle, the door control relay assy prevents doors from being locked by monitoring two switches: 1) the unlock warning switch, which turns ON when the key is inserted into the ignition key cylinder; and 2) the driver side courtesy lamp switch, which turns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

WIRING DIAGRAM



INSPECTION PROCEDURE

1 INSPECT UNLOCK WARNING SWITCH ASSY



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

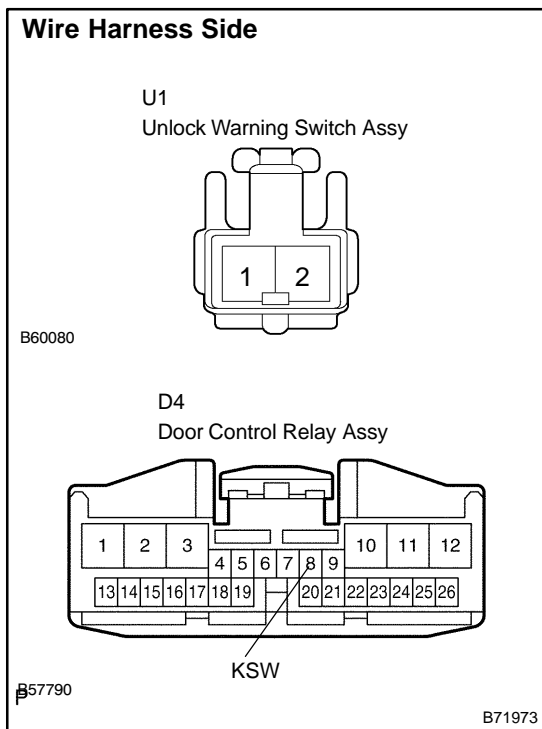
Standard:

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

NG → REPLACE UNLOCK WARNING SWITCH ASSY

OK

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



- (a) Disconnect the U1 switch and D4 relay connectors.
- (b) Check the resistance of the wire harness side connectors.

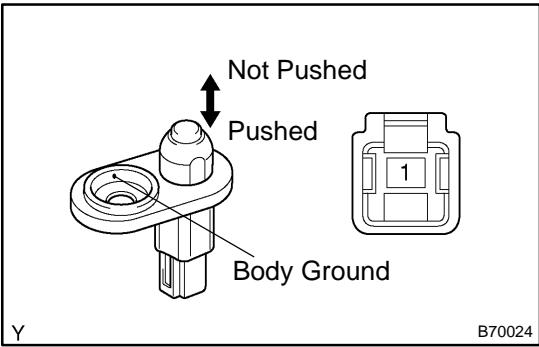
Standard:

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

NG → REPAIR OR REPLACE HARNESS AND CONNECTOR

OK

3 INSPECT FRONT DOOR COURTESY LAMP SWITCH ASSY (DRIVER SIDE)



- (a) Remove the courtesy lamp switch.
- (b) Check the resistance of the switch.

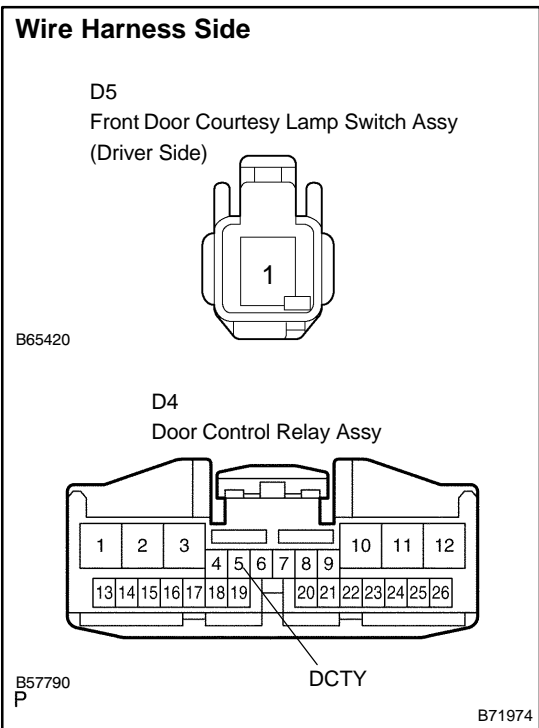
Standard:

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

NG → **REPLACE FRONT DOOR COURTESY LAMP SWITCH ASSY (DRIVER SIDE)**

OK

4 CHECK WIRE HARNESS (FRONT DOOR COURTESY LAMP SWITCH ASSY (DRIVER SIDE) - DOOR CONTROL RELAY ASSY)



- (a) Disconnect the D5 switch and D4 relay connectors.
- (b) Check the resistance of the wire harness side connectors.

Standard:

Tester Connection	Specified Condition
D5-1 - D4-5 (DCTY)	Below 1 Ω

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

OK

REPLACE DOOR CONTROL RELAY ASSY