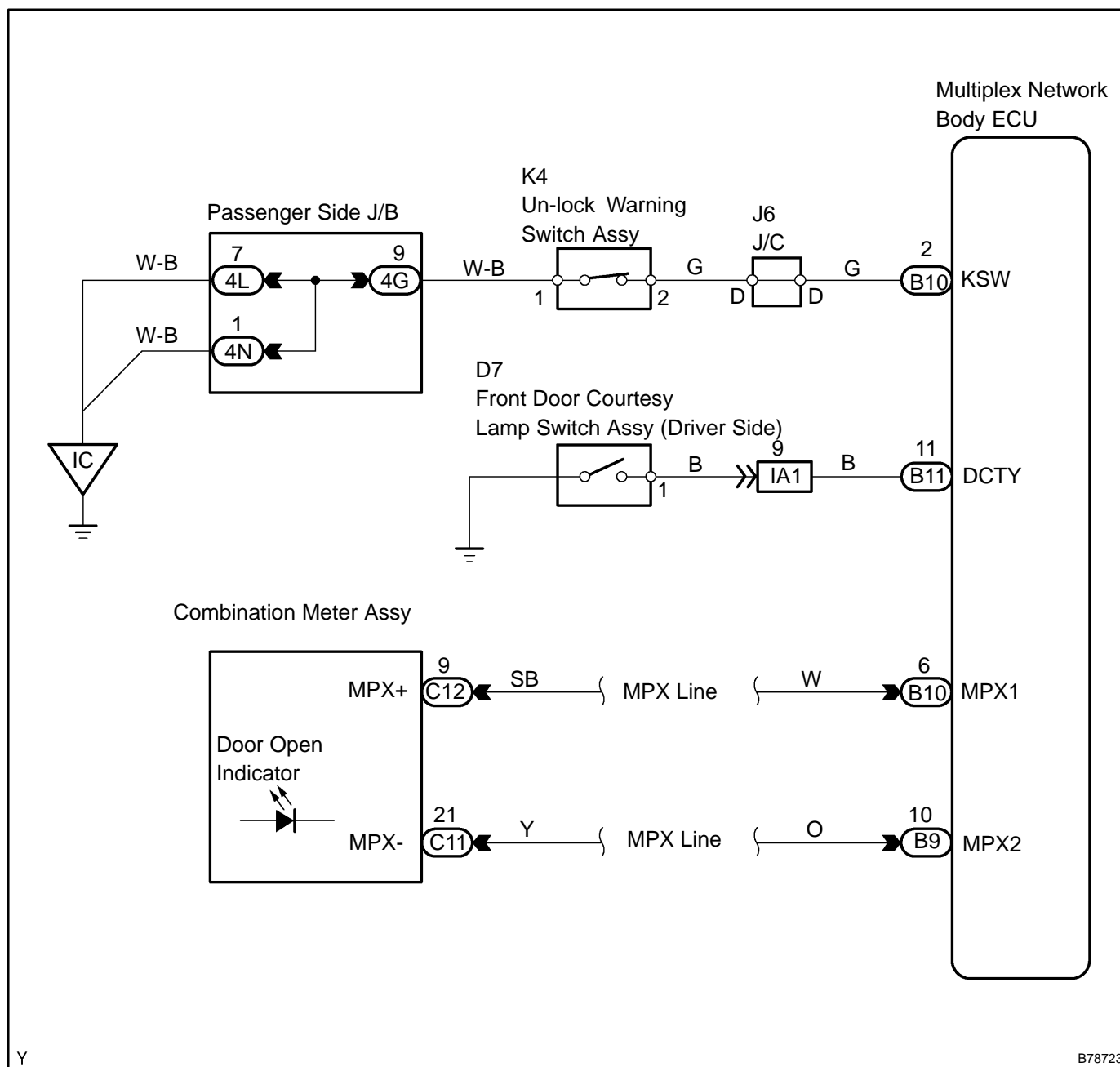


## KEY CONFINEMENT PREVENTION FUNCTION DOES NOT WORK PROPERLY (MANUAL OPERATION AND INTERLOCKED WITH KEY ARE ACTIVE)

### CIRCUIT DESCRIPTION

The multiplex network body ECU senses, by the un-lock warning switch, that the ignition key is in the key cylinder. Because of this, the multiplex network body ECU will unlock all the doors immediately after locking them if a door has been locked while the key is in the ignition key cylinder.

### WIRING DIAGRAM



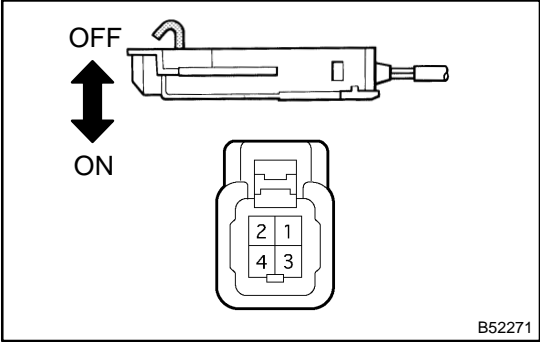
INSPECTION PROCEDURE

1 CHECK MANUAL DOOR LOCK OPERATION

NG GO TO POWER WINDOW CONTROL SYSTEM  
(See page 05-1912 )

OK

2 INSPECT UN-LOCK WARNING SWITCH ASSY



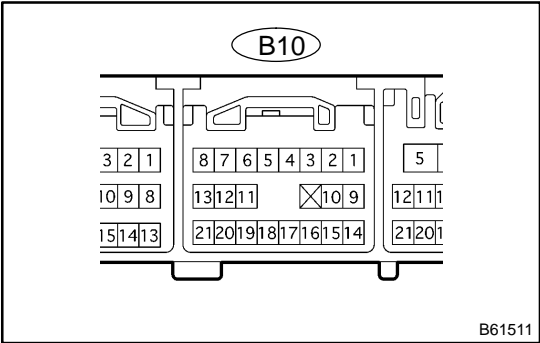
(a) Inspect the un-lock warning switch continuity.  
**Standard:**

Condition	Tester Connection	Specified Condition
Switch OFF (Key removed)	-	No continuity
Switch ON (Key set)	1 ↔ 2	Continuity

NG REPLACE UN-LOCK WARNING SWITCH ASSY

OK

3 CHECK MULTIPLEX NETWORK BODY ECU



(a) Disconnect the multiplex network body ECU B10 connector and inspect the body ECU B10-2 terminal.  
**Standard:**

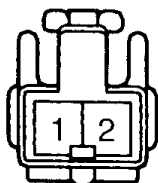
Tester Connection	Condition	Specified Condition
B10-2 ↔ Body ground	Constant	12 - 14 V

NG REPLACE MULTIPLEX NETWORK BODY ECU

OK

**4 CHECK WIRE HARNESS**

Wire Harness Side



B51904

- (a) Disconnect the un-lock warning switch connector and inspect the connector on the wire harness side.

**Standard:**

Tester Connection	Condition	Specified Condition
2 ⇔ Body ground	Constant	10 - 14 V
1 ⇔ Body ground	Constant	Continuity

**NG****REPAIR OR REPLACE HARNESS AND CONNECTOR****OK****5 CHECK DOOR OPEN WARNING LIGHT**

- (a) Check that the door open warning light will be on when the driver door is opened.

**OK****REPLACE MULTIPLEX NETWORK BODY ECU****NG****6 INSPECT FRONT DOOR COURTESY LAMP SWITCH ASSY**

- (a) Inspect the door courtesy lamp switch continuity.

**Standard:**

Switch Position	Specified Condition
ON (switch pin released: opened door)	Continuity
OFF (switch pin pushed in: closed door)	No continuity

**NG****REPLACE FRONT DOOR COURTESY LAMP SWITCH ASSY****OK****REPAIR OR REPLACE WIRE HARNESS (COURTESY LIGHT SWITCH - BODY ECU)**