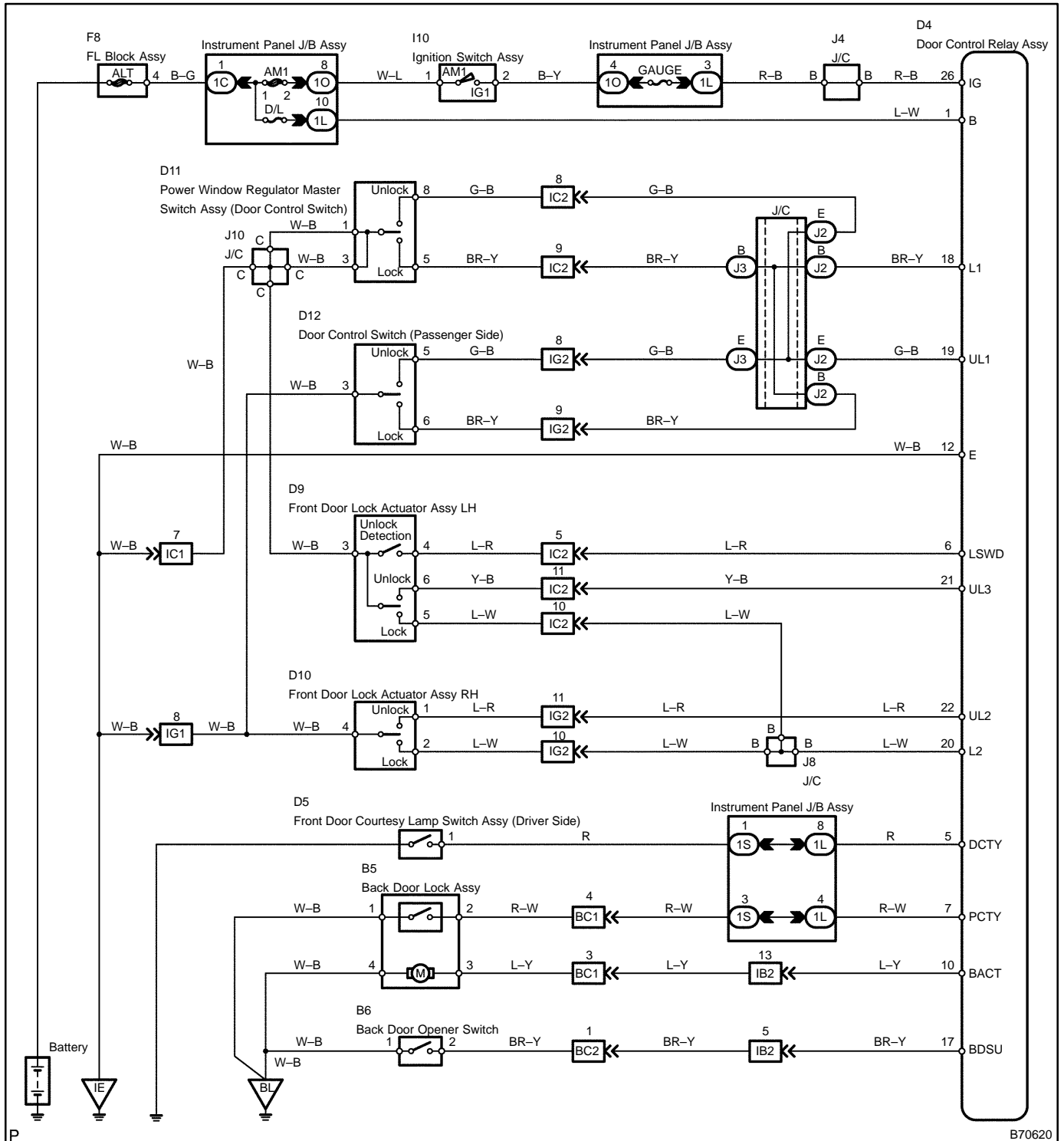


# ONLY BACK DOOR CANNOT BE OPENED (UNLOCKED)

## CIRCUIT DESCRIPTION

Manual unlock signals and key-linked unlock signals (from the driver or passenger side door) are sent to the door control relay which then unlocks all the doors simultaneously. Pressing the opener switch (outside handle switch) when the back door is unlocked will release the latch and move it to the open position. This enables the back door to open.

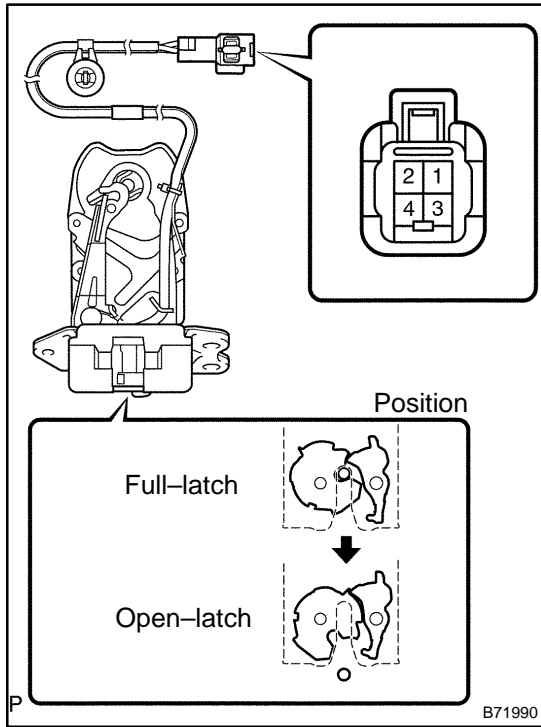
## WIRING DIAGRAM



B70620

# INSPECTION PROCEDURE

## 1 INSPECT BACK DOOR LOCK ASSY (DOOR LOCK MOTOR)



- (a) Check operation of the door lock.
  - (1) Using a screwdriver, move the latch to the full-latch position.
  - (2) Apply battery voltage to the door lock terminals and check operation of the latch.

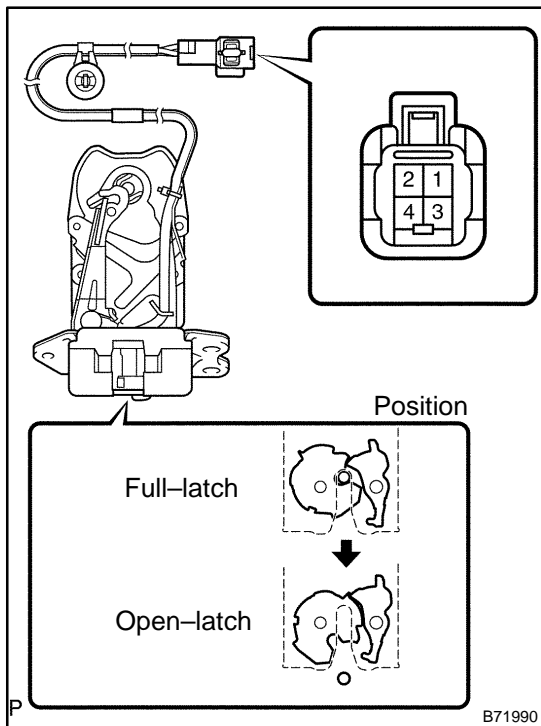
**Standard:**

Measurement Condition	Specified Condition
Battery positive (+) → Terminal 3	Latch turns to open-latch position
Battery negative (-) → Terminal 4	

**NG** → REPLACE BACK DOOR LOCK ASSY

**OK**

## 2 INSPECT BACK DOOR LOCK ASSY (COURTESY SWITCH)



- (a) Check the resistance of the courtesy switch.

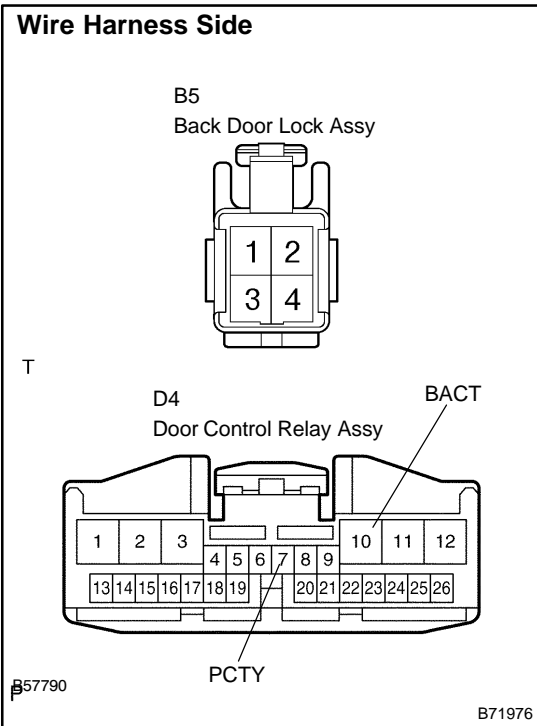
**Standard:**

Tester Connection	Door Lock Latch Condition	Specified Condition
1 - 2	Open-latch	Below 1 Ω
	Full-latch	10 kΩ or higher

**NG** → REPLACE BACK DOOR LOCK ASSY

**OK**

**3 CHECK WIRE HARNESS (BACK DOOR LOCK ASSY – DOOR CONTROL RELAY ASSY AND BODY GROUND)**



- (a) Disconnect the B5 lock and D4 relay connectors.
- (b) Check the resistance of the wire harness side connectors.

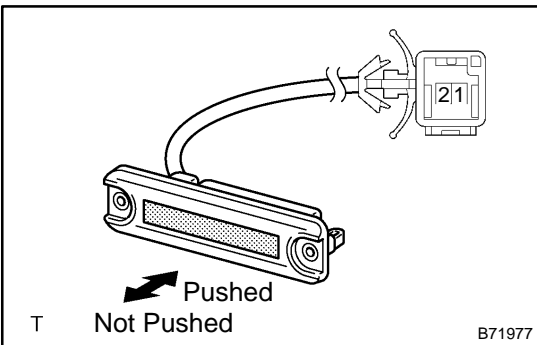
**Standard:**

Tester Connection	Specified Condition
B5-3 – D4-10 (BACT)	Below 1 Ω
B5-12 – D4-7 (PCTY)	
B5-1 – Body ground	
B5-4 – Body ground	

**NG** REPAIR OR REPLACE HARNESS AND CONNECTOR

**OK**

**4 INSPECT BACK DOOR OPENER SWITCH ASSY (OUTSIDE HANDLE SWITCH)**



- (a) Remove the back door opener 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

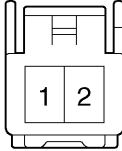
**NG** REPLACE BACK DOOR OPENER SWITCH ASSY

**OK**

**5 CHECK WIRE HARNESS (BACK DOOR OPENER SWITCH (OUTSIDE HANDLE SWITCH) – DOOR CONTROL RELAY ASSY AND BODY GROUND)**

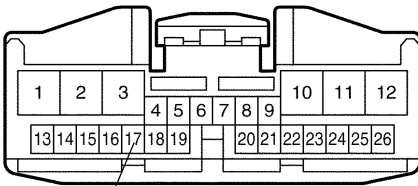
**Wire Harness Side**

B6  
Back Door Opener Switch  
(Outside Handle Switch)



B71961  
Y

D4  
Door Control Relay Assy



B57790

BDSU

B71987

- (a) Disconnect the B6 switch and D4 relay connectors.
- (b) Check the resistance of the wire harness side connectors.

**Standard:**

Tester Connection	Specified Condition
B6-2 – D4-17 (BDSU)	Below 1 Ω
B6-1 – Body ground	

**NG REPAIR OR REPLACE HARNESS AND CONNECTOR**

**OK**

**REPLACE DOOR CONTROL RELAY ASSY**