DIAGNOSTIC TROUBLE CODE CHART

HINT:
If a trouble code is displayed during the DTC check, check the circuit listed for that code in the table below. (Proceed to the page given for that circuit.)

BACK DOOR CLOSER SYSTEM

DTC No.	Detection Item	Trouble Area	See page
B2215	Back Door Closer Switch Malfunction	1. Back door lock assembly 2. Power back door ECU 3. Wire harness	ED-14

DTC	B2215	Back Door Closer Switch Malfunction

DESCRIPTION

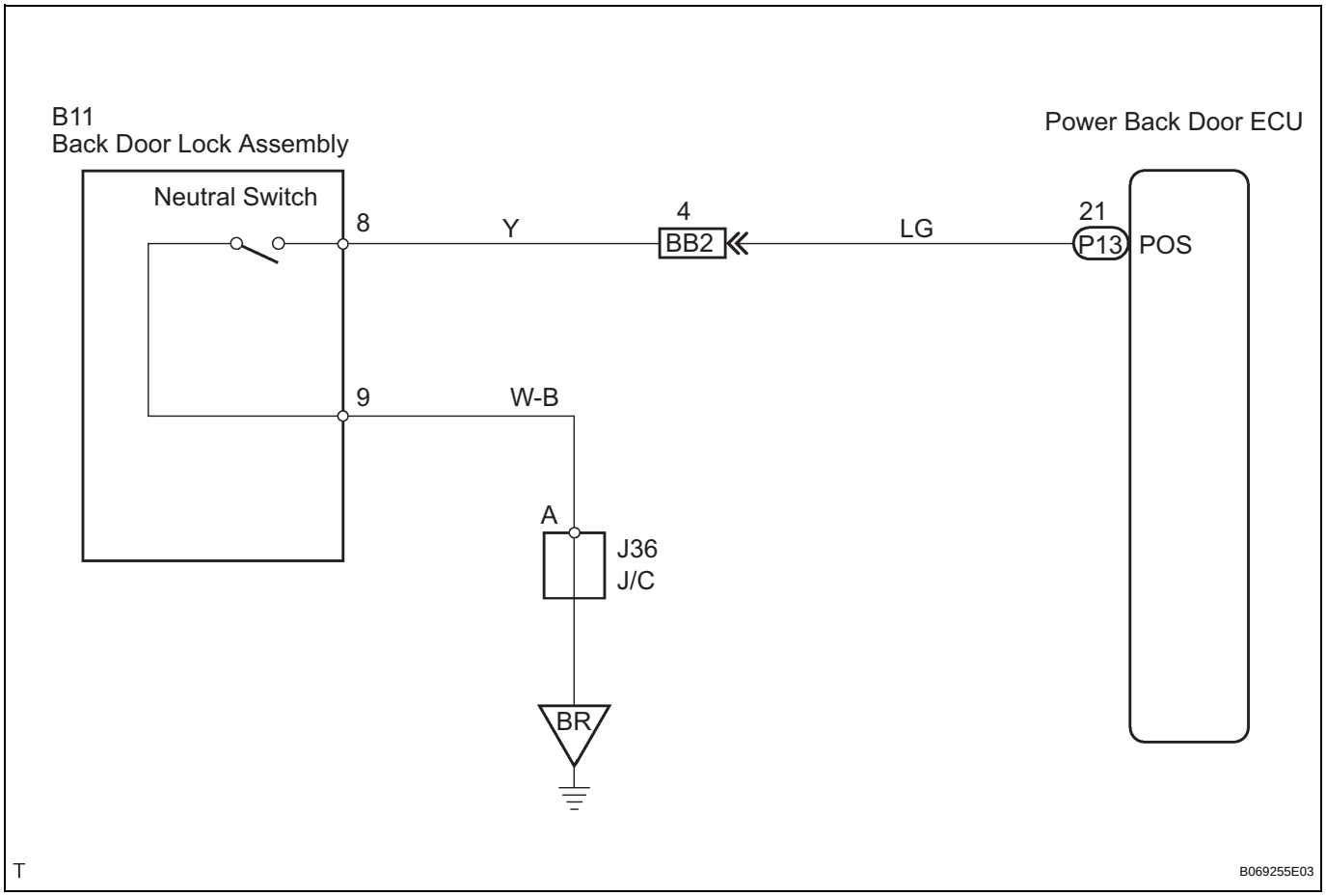
This DTC is output when the neutral switch in the back door has a malfunction. This neutral switch detects if the back door is in the open/close position and sends a position signal to the power back door ECU.

DTC No.	DTC Detection Condition	Trouble Area
B2215	Back door does not operate	• Back door lock assembly • Power back door ECU • Wire harness

NOTICE:

The power back door ECU records the back door positions in the memory. In the case where any of the batteries, fuses, power back door ECU and power back door drive unit are removed and then reinstalled, the power back door ECU loses the memory of the door positions. In such a case, resetting the power back door system is necessary. Refer to the resetting operation (See page ED-6).

WIRING DIAGRAM

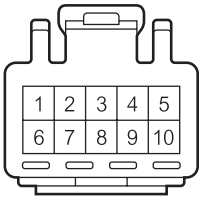


ED

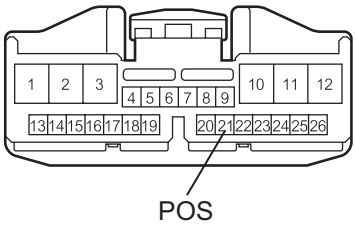
1	CHECK WIRE HARNESS (BACK DOOR LOCK ASSEMBLY - POWER BACK DOOR ECU)

Wire Harness Side:

B11
Back Door Lock Assembly



P13
Power Back Door ECU



H

B111702E03

(a) Disconnect the back door lock assembly connector.
(b) Disconnect the power back door ECU connector.
(c) Measure the resistance according to the value(s) in the table below.

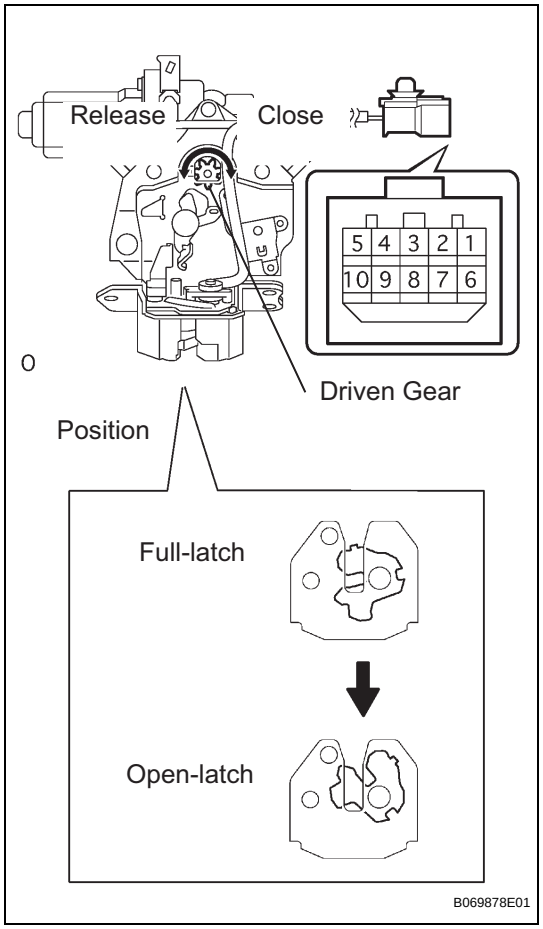
Standard resistance

Tester Connection	Condition	Specified Condition
B11-8 - P13-21 (POS)	Always	Below 1 Ω
B11-9 - Body ground	Always	Below 1 Ω

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

OK

2	INSPECT BACK DOOR LOCK ASSEMBLY (DOOR LOCK MOTOR)



(a) Check operation of the door lock.
  (1) Using a screwdriver, push the latch in order to put the back door lock in the locked condition (full-latch position).
  (2) Apply battery voltage and check operation of the latch.
  OK

Measurement Condition	Specified Condition
Battery positive (+) → Terminal 7 Battery negative (-) → Terminal 5	Latch turns to open-latch position

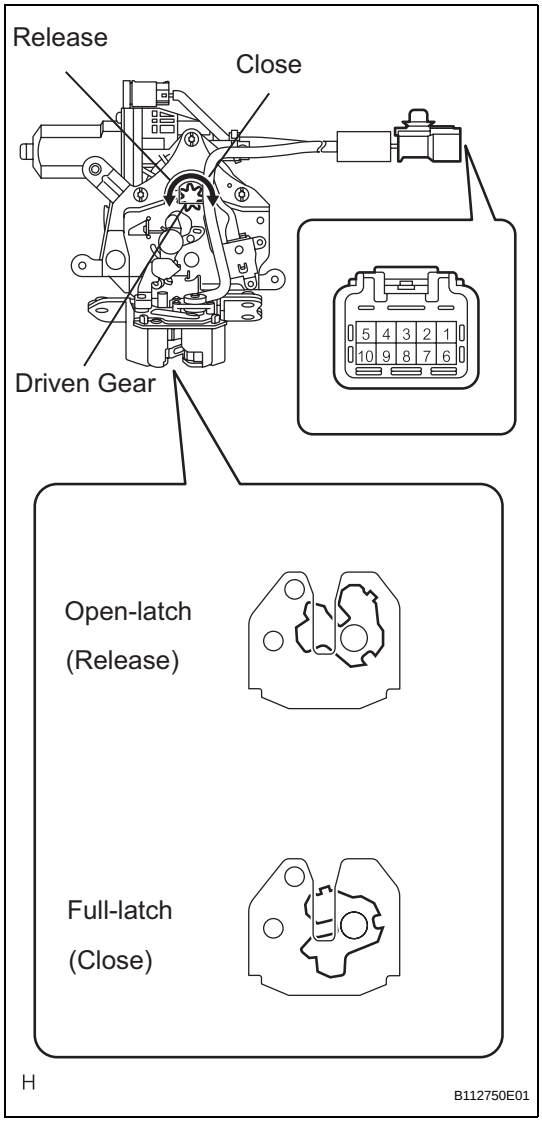
  (3) Check motor operation when battery voltage is applied to the terminals.
  OK

Measurement Condition	Specified Condition
Battery positive (+) → Terminal 5 Battery negative (-) → Terminal 7	Close operation (Full-latch)
Battery positive (+) → Terminal 7 Battery negative (-) → Terminal 5	Release operation (Open-latch)

NG → **REPLACE BACK DOOR LOCK ASSEMBLY**

OK

3	**INSPECT BACK DOOR LOCK ASSEMBLY (SWITCH)**



(a) Measure the position switch resistance.
(1) Connect the battery positive (+) lead to connector terminal 7 and the negative (-) lead to connector terminal 5.
(2) Measure the resistance according to the value(s) in the table below.

Standard resistance

Tester Connection	Driven Gear Position	Specified Condition
8 - 9	Release	Below 1 Ω

(3) Connect the battery positive (+) lead to connector terminal 5 and the negative (-) lead to connector terminal 7.
(4) Measure the resistance according to the value(s) in the table below.

Standard resistance

Tester Connection	Driven Gear Position	Specified Condition
8 - 9	Close	10 kΩ or higher

NG → **REPLACE BACK DOOR LOCK ASSEMBLY**

OK

REPLACE POWER BACK DOOR ECU