

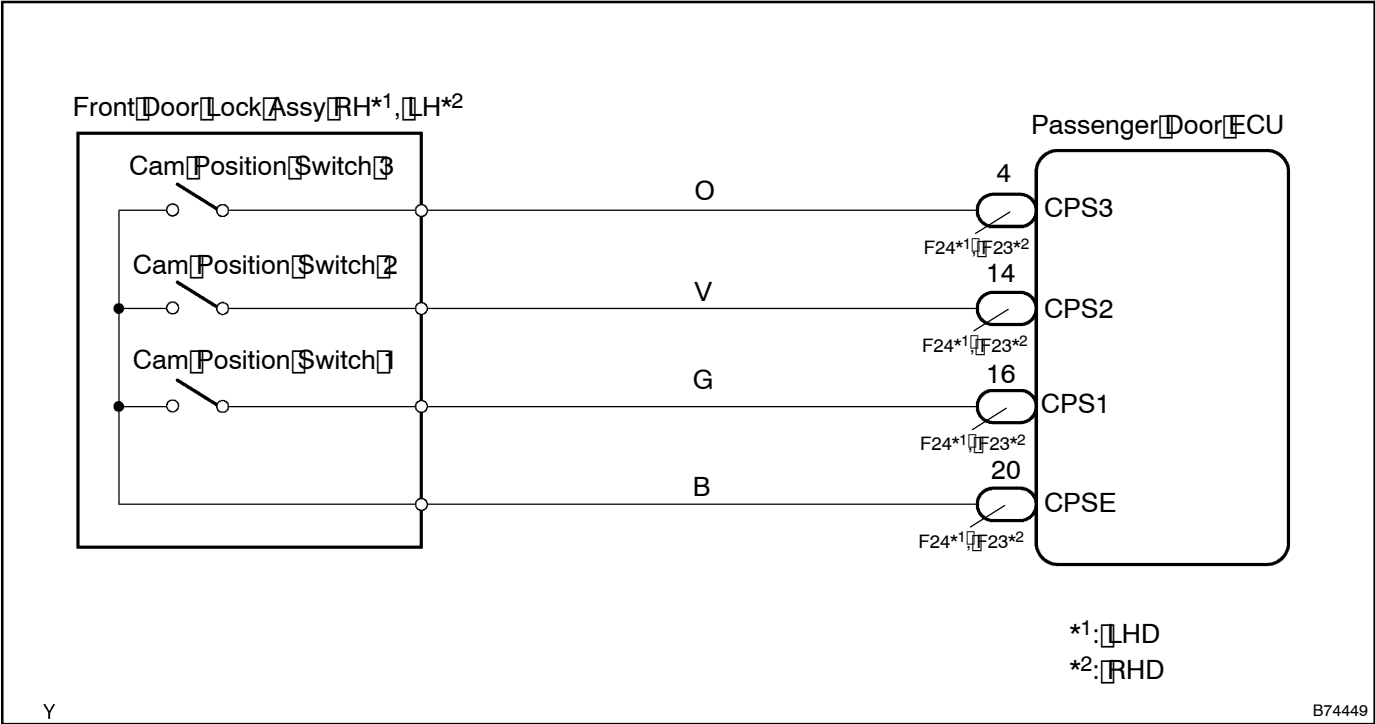
DTC	B2212	DOOR CLOSER MOTOR MALFUNCTION ON PASSENGER SIDE DOOR
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CIRCUIT DESCRIPTION

This DTC is output when a malfunction is detected in the cam position circuit.

DTC No.	DTC Detection Condition	Trouble Area
B2212	All cam position switches (1 to 3) are ON or OFF simultaneously (refer to system description of closer motor and cam position switch (see page 05-2695))	<ul style="list-style-type: none"><li>Door closer motor</li><li>Wire harness</li><li>Passenger door ECU</li></ul>

WIRING DIAGRAM



## INSPECTION PROCEDURE

## 1 READ VALUE OF INTELLIGENT TESTER (CAM POSITION SWITCH)

(a) Check the DATA LIST for proper functioning of the cam position switches.

**Passenger door ECU:**

Item	Measurement Item/ Display (Range)	Normal Condition	Diagnostic Note
Cam Pos SW3	Cam position switch 3	Refer to system description of closer motor and cam position switch (see page 05-2695)	-
Cam Pos SW2	Cam position switch 2	Refer to system description of closer motor and cam position switch (see page 05-2695)	-
Cam Pos SW1	Cam position switch 1	Refer to system description of closer motor and cam position switch (see page 05-2695)	-

**OK:** "ON" (cam position switch 1 to 3 is ON) appears on the screen.**NG****Go to step 2****OK**

## REPLACE PASSENGER DOOR ECU

## 2 CHECK PASSENGER DOOR LOCK ASSY (CAM POSITION SWITCH)

(a) Measure the switch resistance.

**Standard:**

Tester Connection	Specified Condition
F24*1/F23*2-16 (CPS1) - F24*1/F23*2-20 (CPSE)	<ul style="list-style-type: none"> <li>Cam position switch 1 is ON → Below 1 Ω</li> <li>Cam position switch 1 is OFF → 10 kΩ or higher</li> </ul>
F24*1/F23*2-14 (CPS2) - F24*1/F23*2-20 (CPSE)	<ul style="list-style-type: none"> <li>Cam position switch 2 is ON → Below 1 Ω</li> <li>Cam position switch 2 is OFF → 10 kΩ or higher</li> </ul>
F24*1/F23*2-4 (CPS3) - F24*1/F23*2-20 (CPSE)	<ul style="list-style-type: none"> <li>Cam position switch 3 is ON → Below 1 Ω</li> <li>Cam position switch 3 is OFF → 10 kΩ or higher</li> </ul>

Refer to the system description for the ON/OFF patterns of the cam position switch (see page 05-2695).

**NG****REPLACE FRONT DOOR LOCK ASSY RH****OK**

## REPLACE PASSENGER DOOR ECU

