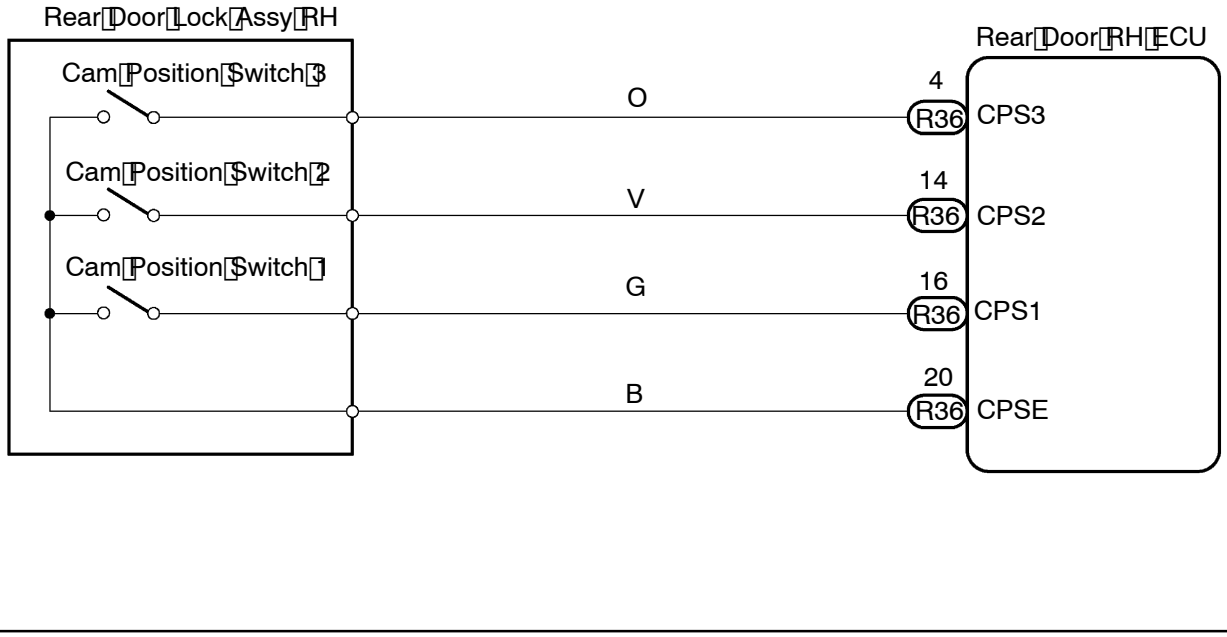
DTC	B2213	DOOR CLOSER MOTOR MALFUNCTION ON REAR RIGHT SIDE DOOR

CIRCUIT DESCRIPTION

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

DTC No.	DTC Detection Condition	Trouble Area
B2213	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))	• Door closer motor • Wire harness • Rear Door RH ECU

WIRING DIAGRAM



Y B74449

INSPECTION PROCEDURE

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

(a) Check the DATA LIST for proper functioning of the cam position switches.
Rear door ECU RH:

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)	–

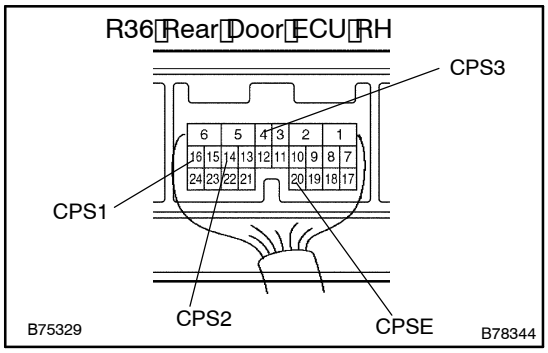
OK: "ON" (cam position switch 1 to 3 is ON) appears on the screen.

NG → Go to step 2

OK

REPLACE REAR DOOR ECU RH

2 CHECK REAR DOOR LOCK ASSY RH (CAM POSITION SWITCH)



(a) Measure the switch resistance.
Standard:

Tester Connection	Specified Condition
R36–16 (CPS1) – R36–20 (CPSE)	• Cam position switch 1 is ON → Below 1 Ω • Cam position switch 1 is OFF → 10 kΩ or higher
R36–14 (CPS2) – R36–20 (CPSE)	• Cam position switch 2 is ON → Below 1 Ω • Cam position switch 2 is OFF → 10 kΩ or higher
R36–4 (CPS3) – R36–20 (CPSE)	• Cam position switch 3 is ON → Below 1 Ω • Cam position switch 3 is OFF → 10 kΩ or higher

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

NG → REPLACE REAR DOOR LOCK ASSY RH

OK

REPLACE REAR DOOR ECU RH