DTC	B1222	DOOR LOCK SWITCH CIRCUIT ON DRIVER DOOR

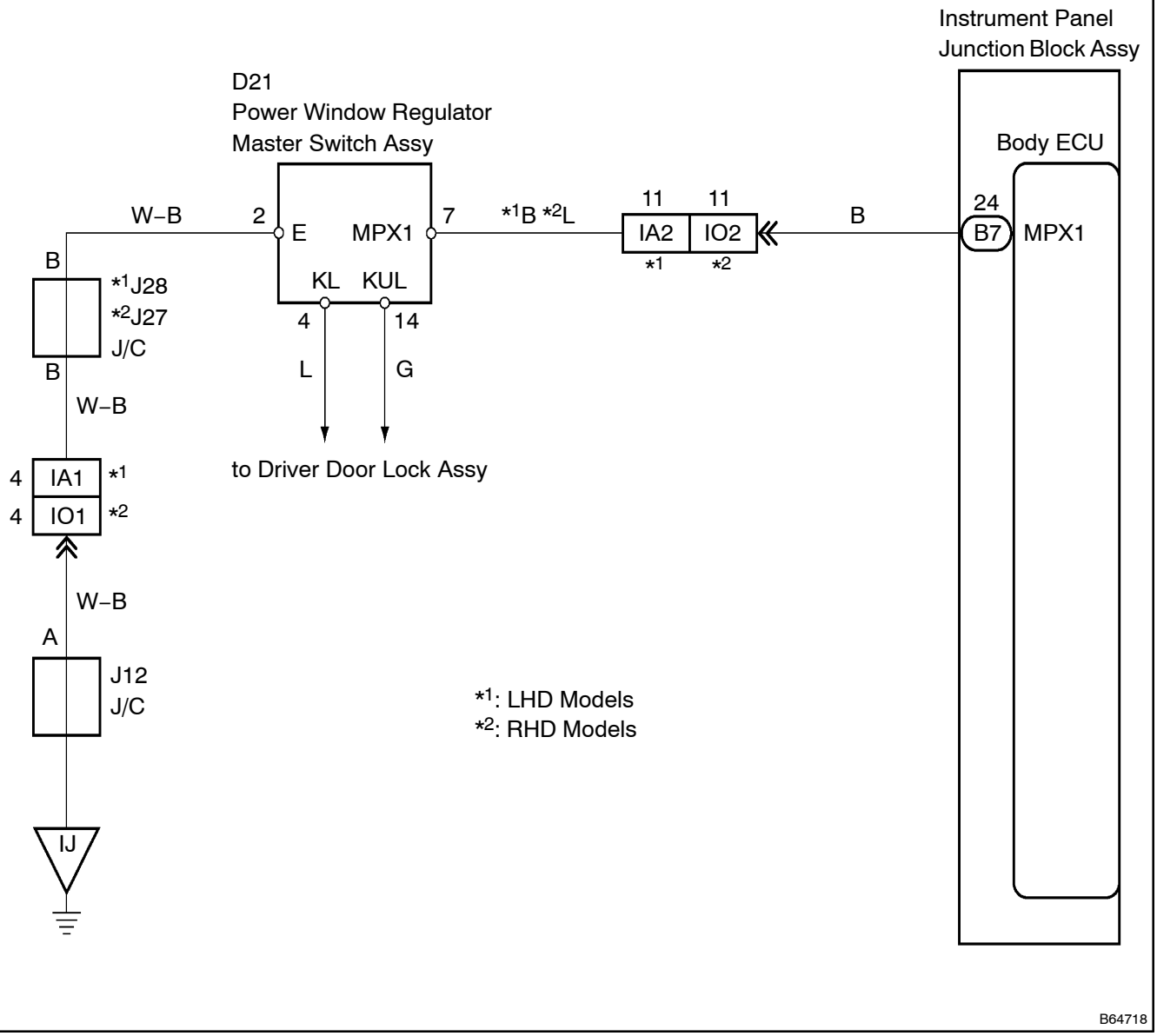
CIRCUIT DESCRIPTION

This DTC is output when the driver door unlock switch (for key operation) of the power window regulator master switch assy is on.

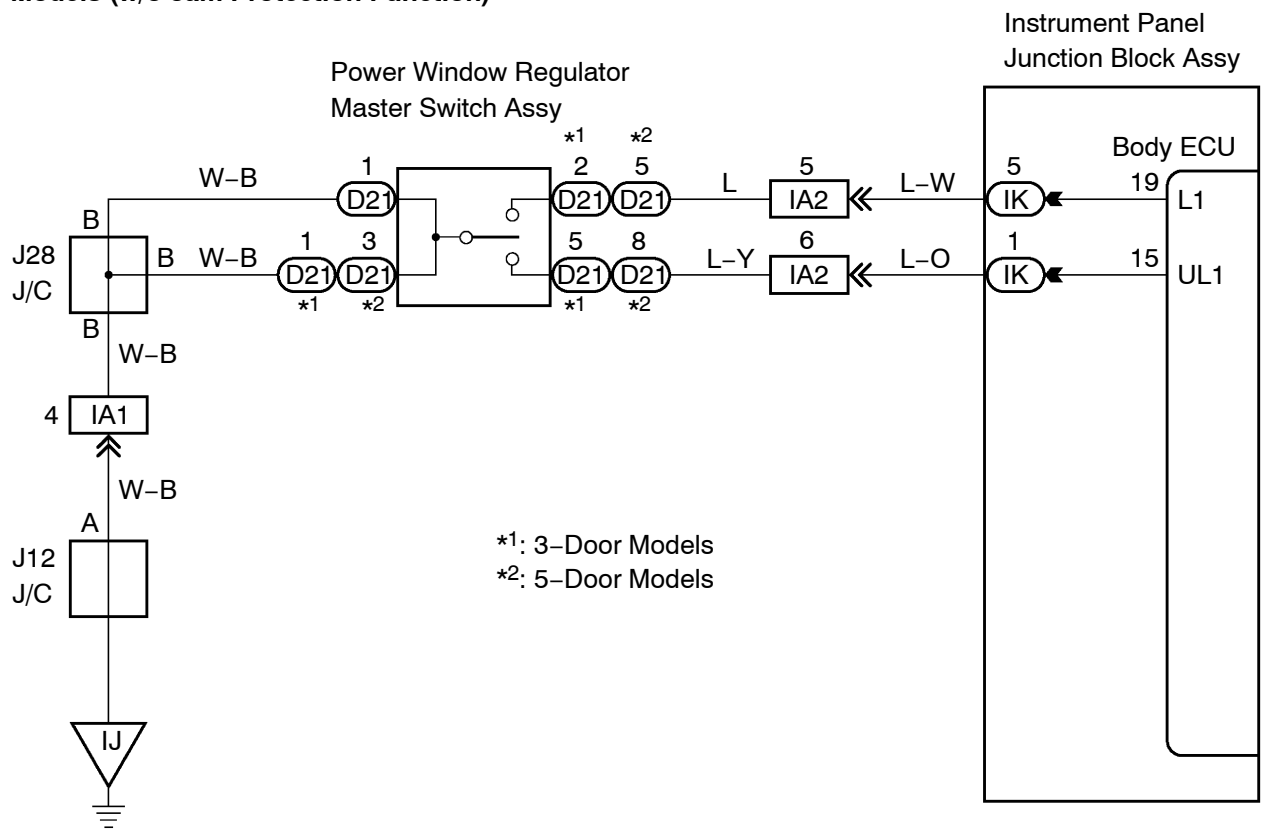
DTC No	DTC Detection Condition	Trouble Area
B1222	Key lock and unlock switch is stuck	• Power window regulator master switch assy (door ECU) • Instrument panel junction block assy (body ECU) • Wire harness

WIRING DIAGRAM

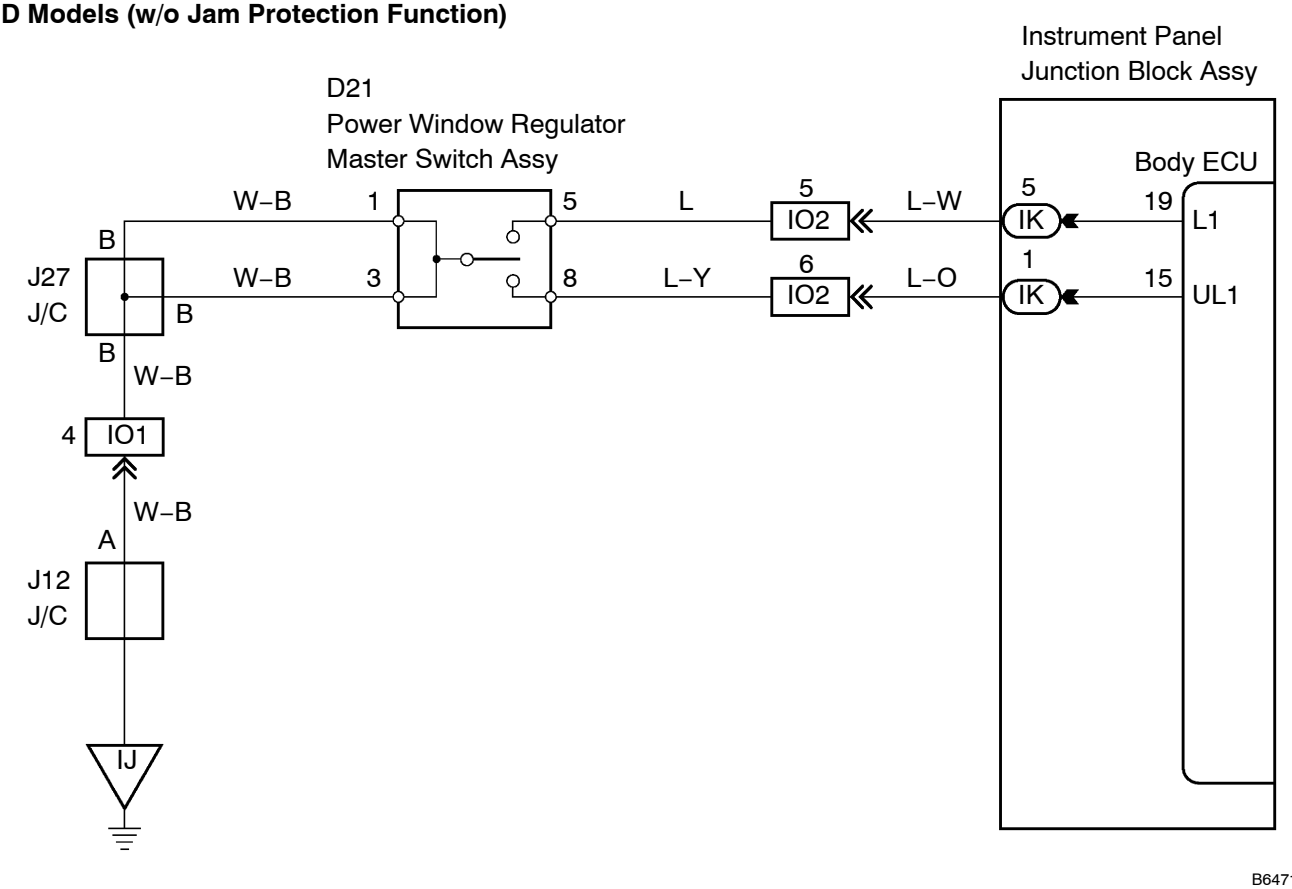
w/ Jam Protection Function



LHD Models (w/o Jam Protection Function)



RHD Models (w/o Jam Protection Function)



INSPECTION PROCEDURE

w/ Jam Protection Function:

1	CHECK DTC

(a) Check that there is no abnormality in the communication system by inspecting the communication function of the multiplex communication system with the hand–held tester.
  (1) (ECU unconnected, communication line abnormal) Without code outputs, proceed to A.
  (2) (ECU unconnected, communication line abnormal) With code outputs, proceed to B.

B → **GO TO MULTIPLEX COMMUNICATION SYSTEM (See page 05–1822)**

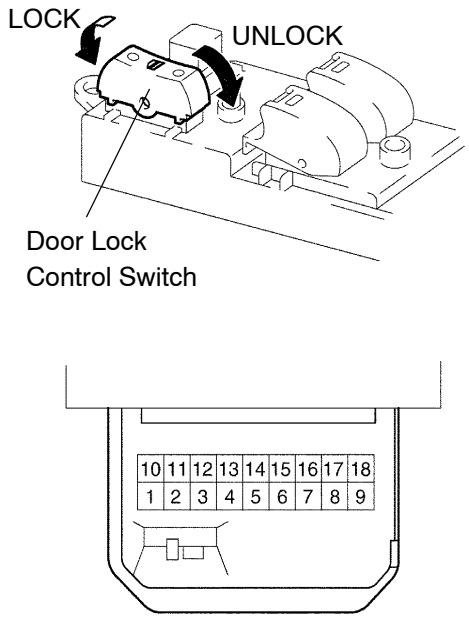
A

REPLACE POWER WINDOW REGULATOR MASTER SWITCH ASSY

w/o Jam Protection Function:

1	INSPECT POWER WINDOW REGULATOR MASTER SWITCH ASSY

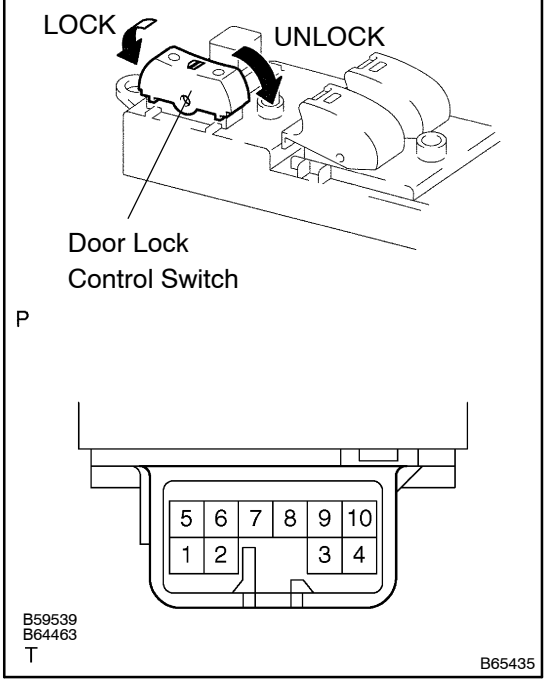
5–Door Models



(a) 5–Door Models:
Inspect the master switch.
(1) Remove the master switch.
(2) Inspect the door lock control switch continuity.
Standard:

Tester Connection	Switch Position	Specified Condition
1 ⇔ 5	Lock	Continuity
1 ⇔ 8	Unlock	Continuity

3–Door Models



(b) 3–Door Models:
Inspect the master switch.
(1) Remove the master switch.
(2) Inspect the door lock control switch continuity.
Standard:

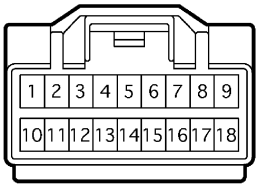
Tester Connection	Switch Position	Specified Condition
1 ⇔ 2	Lock	Continuity
1 ⇔ 5	Unlock	Continuity

NG → **REPLACE POWER WINDOW REGULATOR MASTER SWITCH ASSY**

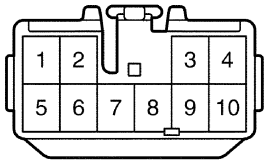
OK

2	**CHECK WIRE HARNESS (POWER WINDOW REGULATOR MASTER SWITCH ASSY ⇔ INSTRUMENT PANEL JUNCTION BLOCK ASSY (BODY ECU))**

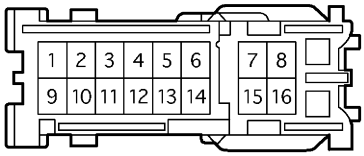
LHD Models
D21
Power Window Regulator Master Switch Assy



RHD Models
D21
Power Window Regulator Master Switch Assy



IK
Instrument Panel Junction Block Assy
(Body ECU)



B65431

(a) Disconnect the D21 master switch and IK body ECU connectors.

(b) Check the continuity between the terminals of the master switch and body ECU connectors.

Standard (Check for short):

Symbols (Terminal No.)	Specified Condition
LHD Models (5–Door Models)	No continuity
– (D21–5) or L1 (IK–5) ⇔ Body ground – (D21–8) or UL1 (IK–1) ⇔ Body ground	
LHD Models (3–Door Models)	No continuity
– (D21–2) or L1 (IK–5) ⇔ Body ground – (D21–5) or UL1 (IK–1) ⇔ Body ground	
RHD Models	No continuity
– (D21–5) or L1 (IK–5) ⇔ Body ground – (D21–8) or UL1 (IK–1) ⇔ Body ground	

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

OK

REPLACE INSTRUMENT PANEL JUNCTION BLOCK ASSY