DOOR LOCK MOTOR CIRCUIT ON DRIVER SIDE DOOR

CIRCUIT DESCRIPTION

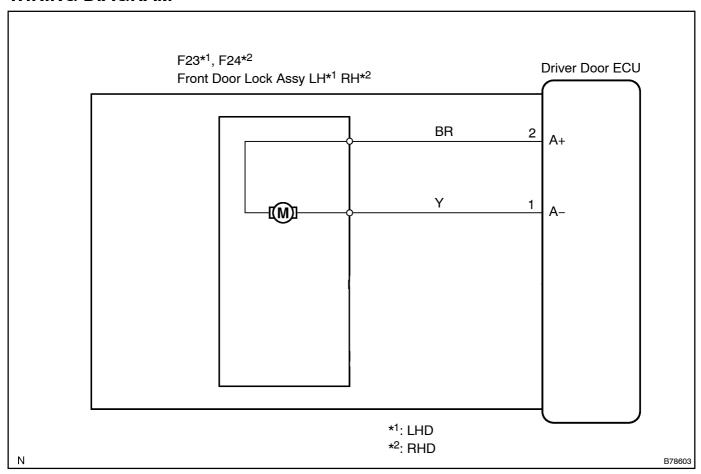
The door lock motor is built in the door lock assembly.

The driver door ECU receives the driver door lock switch signal from the master switch and operates the door lock motor.

When the battery voltage is supplied to the terminal as follows, the door lock functions accordingly.

Door lock operation	Termimal A+	Terminal A-
LOCK	12 V	Ground
UNLOCK	Ground	12 V

WIRING DIAGRAM



INSPECTION PROCEDURE

1 | PERFORM[ACTIVE]TEST[INTELLIGENT[TESTER]]

(a) Select[the[ACTIVE[TEST,[u]se[the[tester[t]o[g]enerate[a]@ontrol@ommand,[and[then@heck[that[the[p]ower door[l]ock[b]perates.

Multiplex[hetwork[body[ECU](Driver[door[ECU):

Item	Test[Details	Diagnostic <u>l</u> Note
Door[<u>l</u> .ock	Operate@loor@ock@motor OFF/LOCK/UNLOCK	_

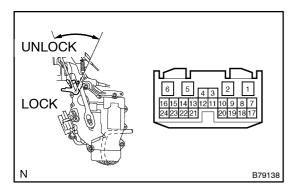
OK:[Door[]ock[]s[]ocked/unlocked.

NG Go[to[\$tep[2]

OK

PROCEED_TO_NEXT_CIRCUIT_INSPECTION_\$HOWN_ON_PROBLEM_\$YMPTOM_TABLE (See_page_05-2529)

2 | CHECK[FRONT[DOOR[LOCK[ASSY[LH][DOOR[LOCK[MOTOR]



(a) Apply[battery[voltage[and[check[bperation[bf[the[door lock[motor.]

OK:[[LOCK[MOTOR]

Measurement[Condition	Specified@ondition
Battery[positive[[+)[]→[]erminal[2] Battery[negative[]-)[]→[]erminal[]	Lock
Battery[positive[[+)[]→[]erminal[] Battery[negative[]-)[]→[]erminal[]²	Unlock

NG

REPAIR OR REPLACE FRONT DOOR LOCK ASSY LH

OK

PROCEED_TO_NEXT_CIRCUIT_INSPECTION_SHOWN_ON_PROBLEM_SYMPTOMS_TABLE (See_page_05-2529)