

DOOR LOCK MOTOR CIRCUIT ON PASSENGER SIDE DOOR

CIRCUIT DESCRIPTION

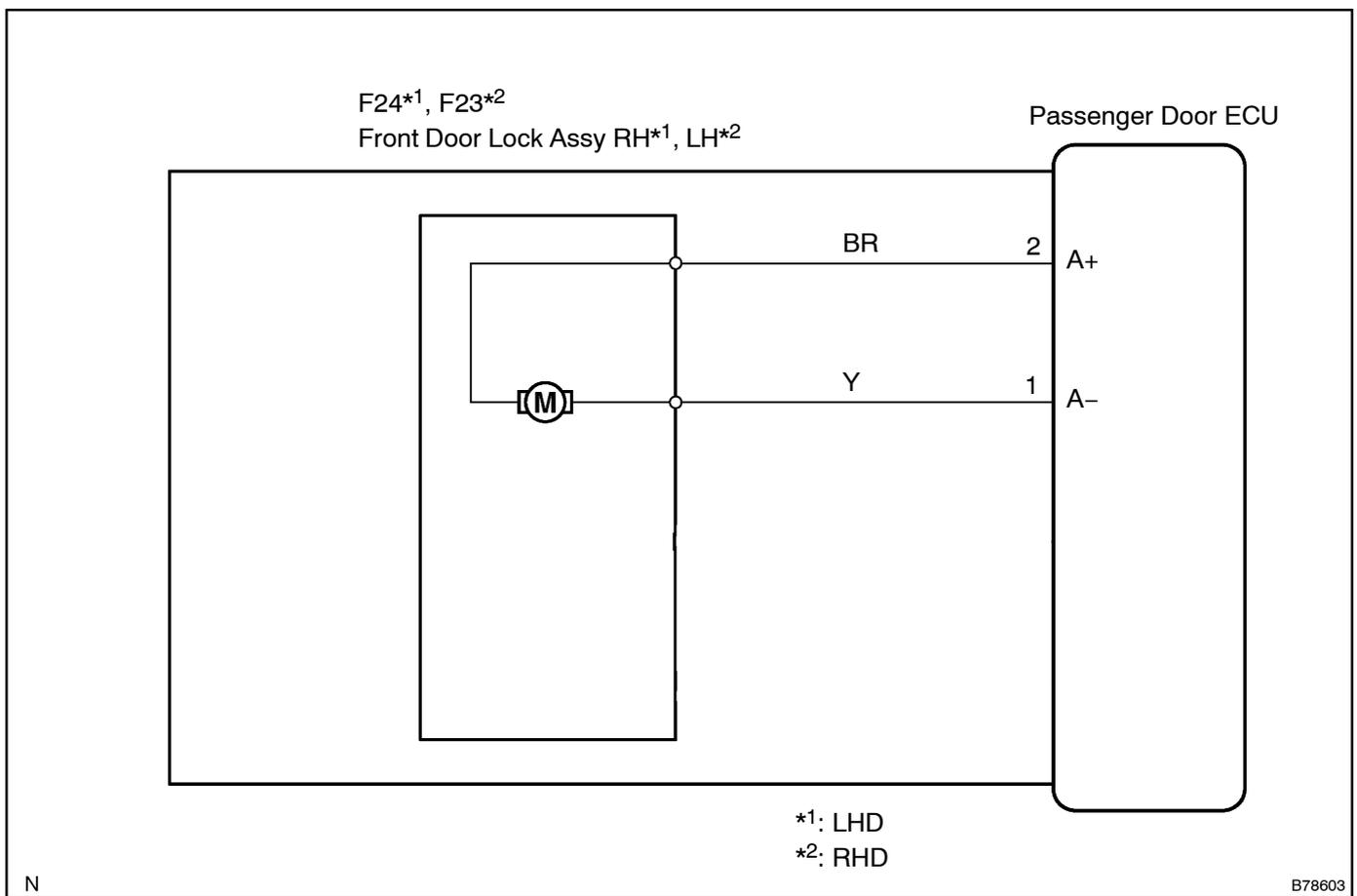
The door lock motor is built in the door lock assembly.

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

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

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

WIRING DIAGRAM



INSPECTION PROCEDURE

1 PERFORM ACTIVE TEST USING INTELLIGENT TESTER

(a) Select the ACTIVE TEST, use the tester to generate a control command, and then check that the power door lock operates.

Multiplex network body ECU (Passenger door ECU):

Item	Test Details	Diagnostic Note
Door Lock	Operate door lock motor OFF/LOCK/UNLOCK	-

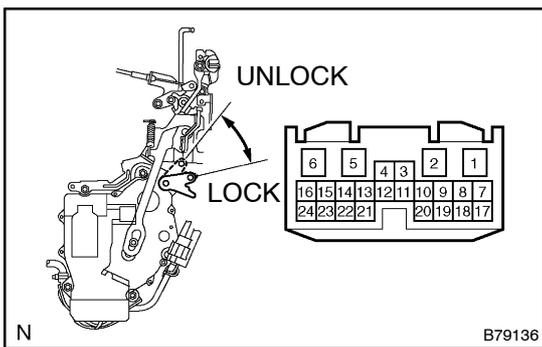
OK: Door lock is locked/unlocked.

NG Go to step 2

OK

PROCEED TO NEXT CIRCUIT INSPECTION SHOWN ON PROBLEM SYMPTOM TABLE (See page 05-2529)

2 CHECK FRONT DOOR LOCK ASSY RH (DOOR LOCK MOTOR)



(a) Apply battery voltage and check operation of the door lock motor.

Standard:

Measurement Condition	Specified Condition
Battery positive (+) → Terminal 2 Battery negative (-) → Terminal 1	Lock
Battery positive (+) → Terminal 1 Battery negative (-) → Terminal 2	Unlock

NG REPAIR OR REPLACE FRONT DOOR LOCK ASSY RH

OK

PROCEED TO NEXT CIRCUIT INSPECTION SHOWN ON PROBLEM SYMPTOMS TABLE (See page 05-2529)