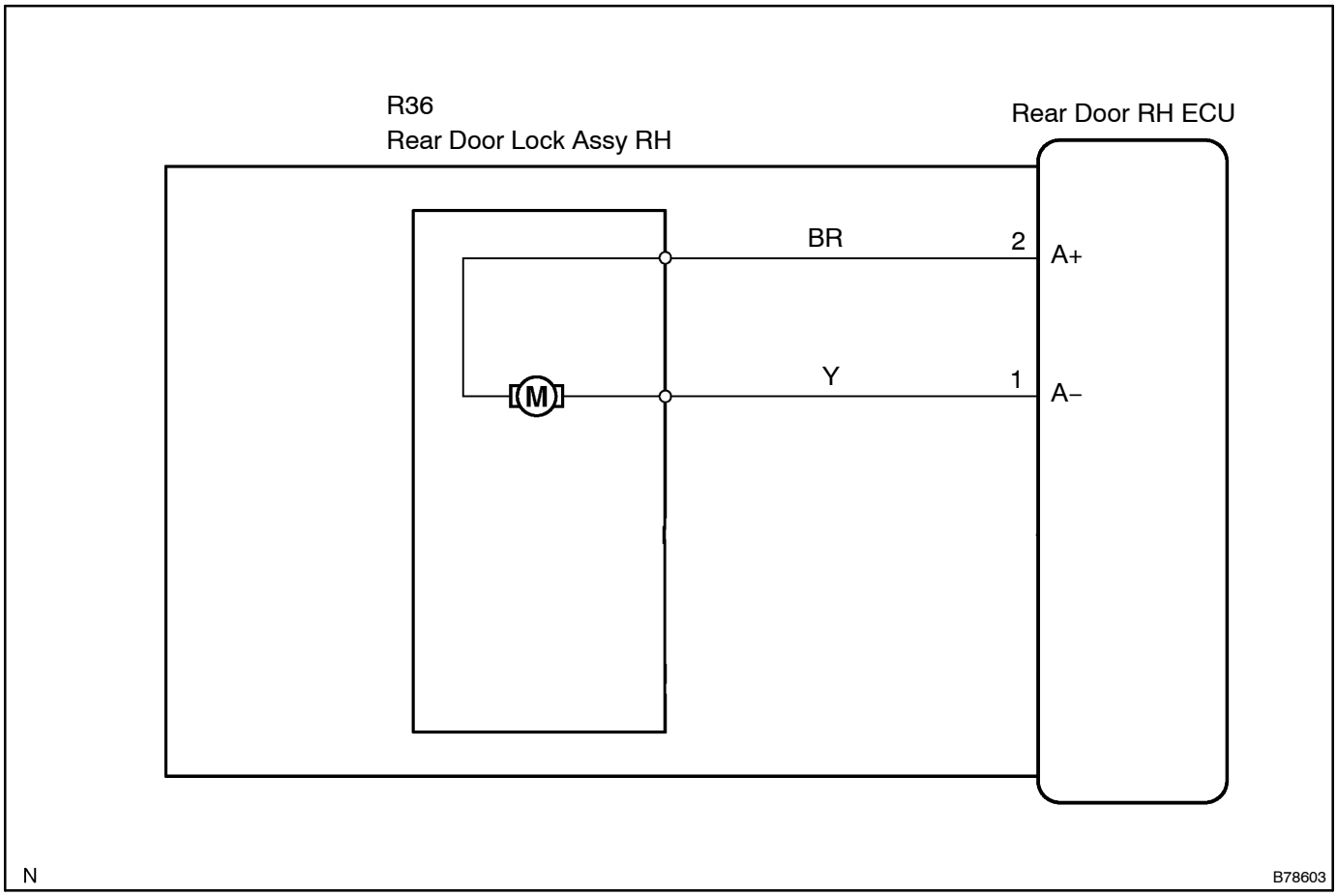
DOOR LOCK MOTOR CIRCUIT ON REAR RIGHT SIDE DOOR

CIRCUIT DESCRIPTION

The door lock motor is built in the door lock assembly.
The rear door ECU RH receives the rear right 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 USING INTELLIGENT TESTER II

(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 (Rear door RH ECU)

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

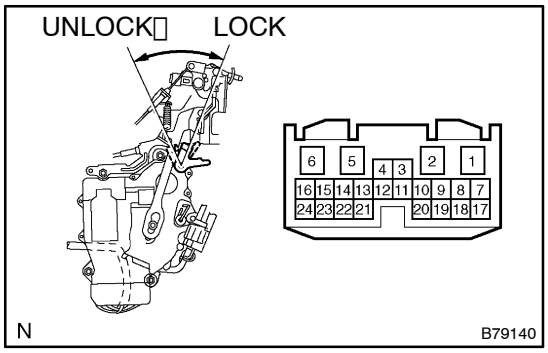
OK: Door lock is locked/unlocked.

NG → **Go to step 2**

OK

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

2	CHECK REAR 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 REAR DOOR LOCK ASSY RH**

OK

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