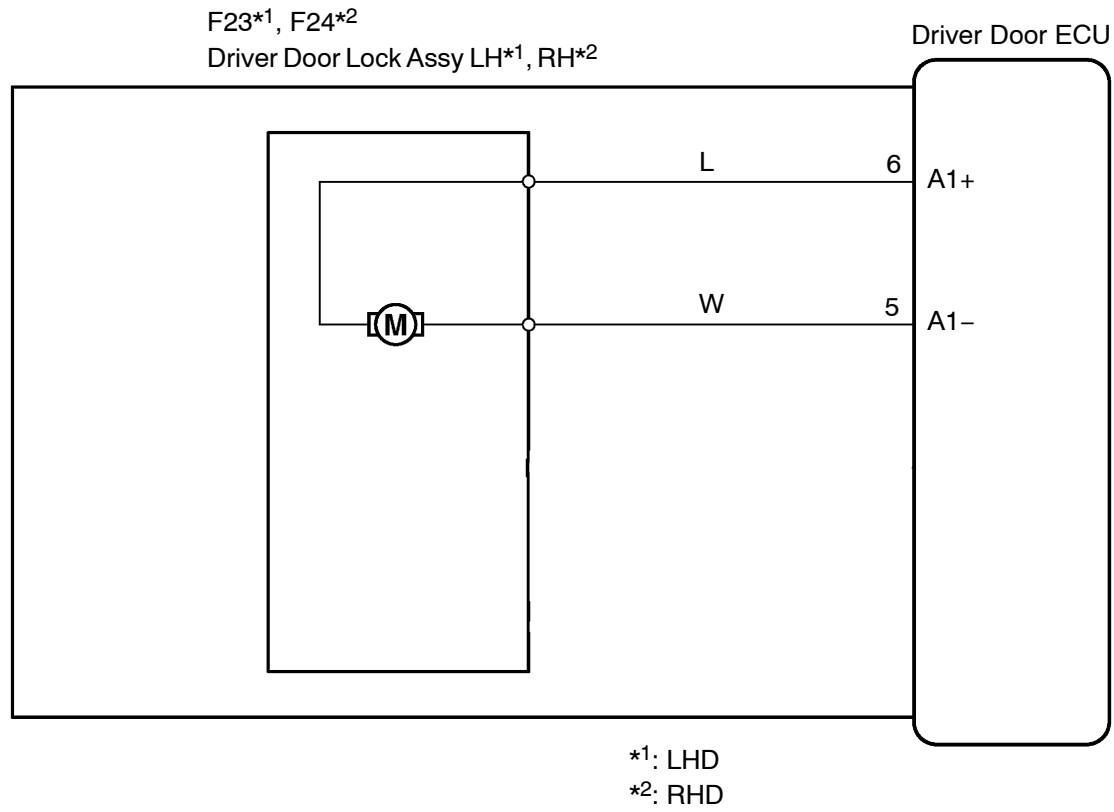
DOUBLE LOCK MOTOR CIRCUIT (ON DRIVER SIDE)

CIRCUIT DESCRIPTION

The door closer motor and the double lock motor are set in one unit.
When the battery voltage is supplied to the terminal as follows, the door closer and double lock motor functions accordingly.

Door Closer And Double Lock Operation	Terminal A1+	Terminal A1–
Double lock set	12 V	Ground
Closer operation and double lock unset	Ground	12 V

WIRING DIAGRAM



N B78603

INSPECTION PROCEDURE

1	PERFORM ACTIVE TEST USING INTELLIGENT TESTER II

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

Multiplex network body ECU (Driver door ECU):

Item	Test Details	Diagnostic Note
Double Lock Unset	Double lock unset OFF/UNSET	This test is available only for vehicles equipped with double lock system

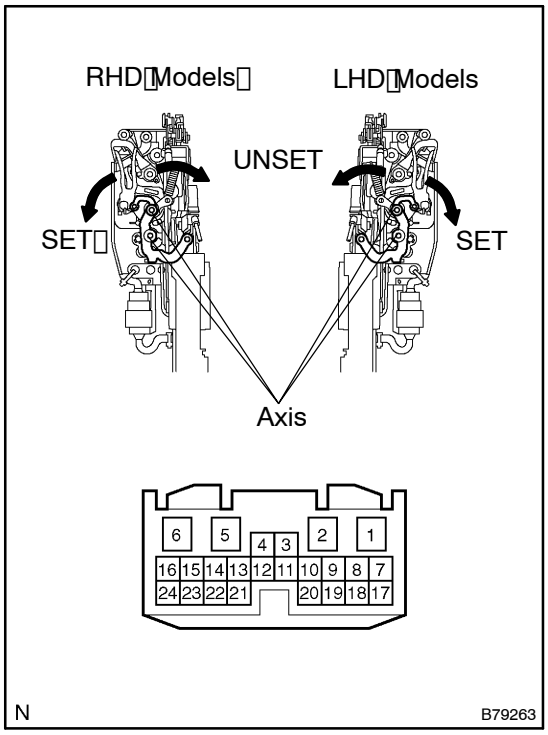
OK: Double lock is UNSET.

NG → **Go to step 2**

OK

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

2	CHECK DRIVER DOOR LOCK ASSY (DOUBLE LOCK MOTOR)



(a) Check operation of the double lock motor.

(1) Apply battery voltage and set the door lock motor to LOCK.

(2) Apply battery voltage and inspect operation of the double lock motor.

OK:

Measurement Condition	Specified Condition
Battery positive (+) → Terminal 6 Battery negative (–) → Terminal 5	Double Lock System is Set
Battery positive (+) → Terminal 5 Battery negative (–) → Terminal 6	Double Lock System is Unset

NG → **REPLACE DRIVER DOOR LOCK ASSY**

OK

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