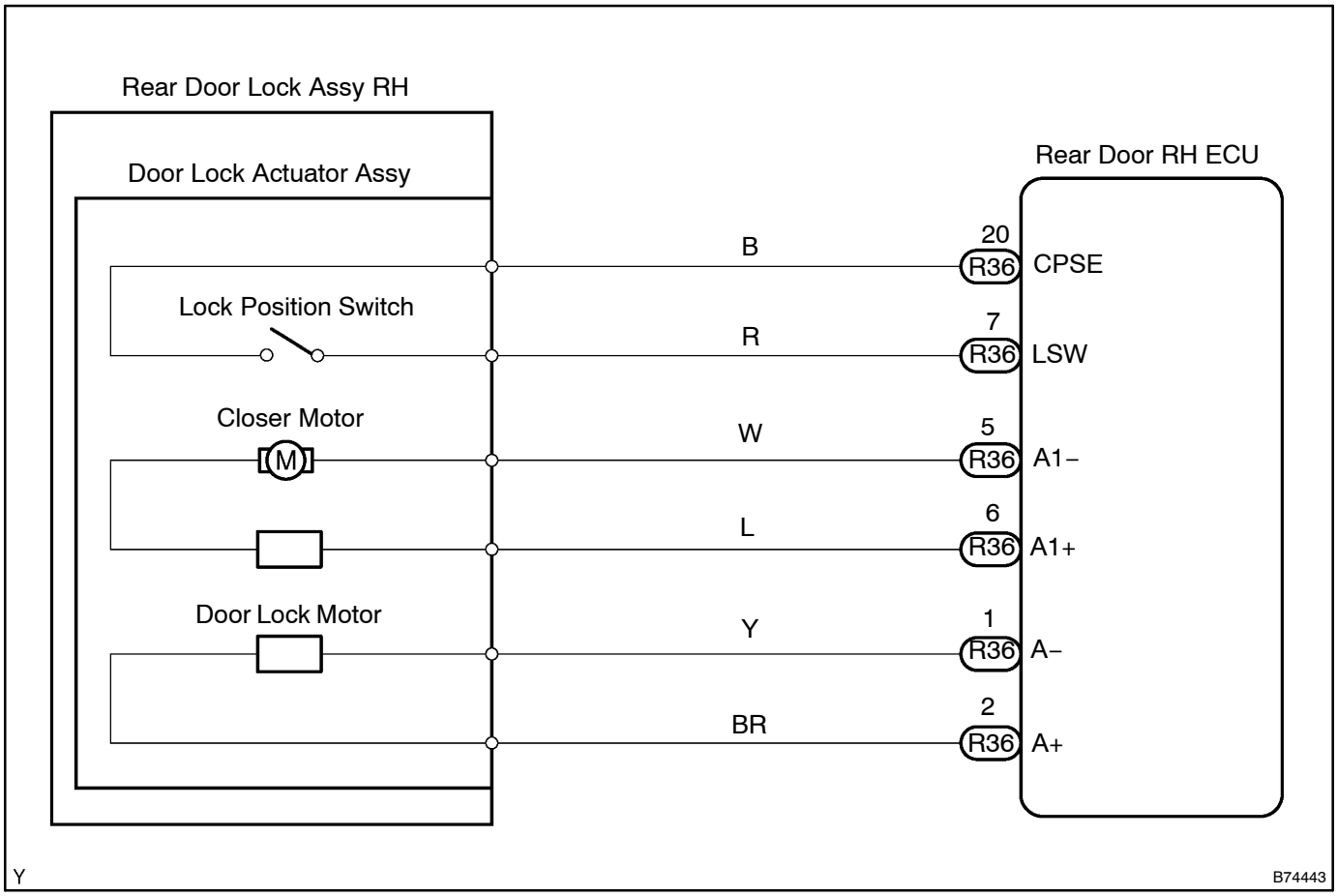
DOOR CLOSER MOTOR CIRCUIT ON REAR RIGHT SIDE DOOR

CIRCUIT DESCRIPTION

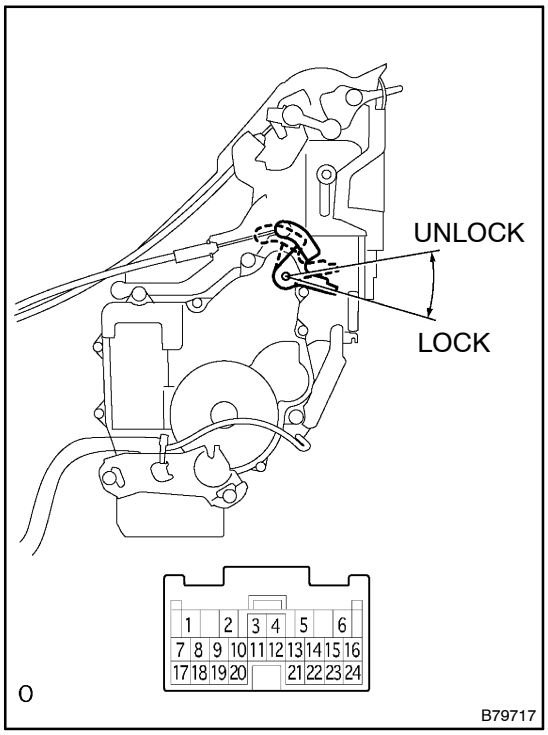
The door lock assembly has a built–in door closer motor.
The door ECU actuates the door closer motor to fully close the door.

WIRING DIAGRAM



INSPECTION PROCEDURE

1 INSPECT REAR DOOR LOCK ASSY RH (DOOR LOCK MOTOR)



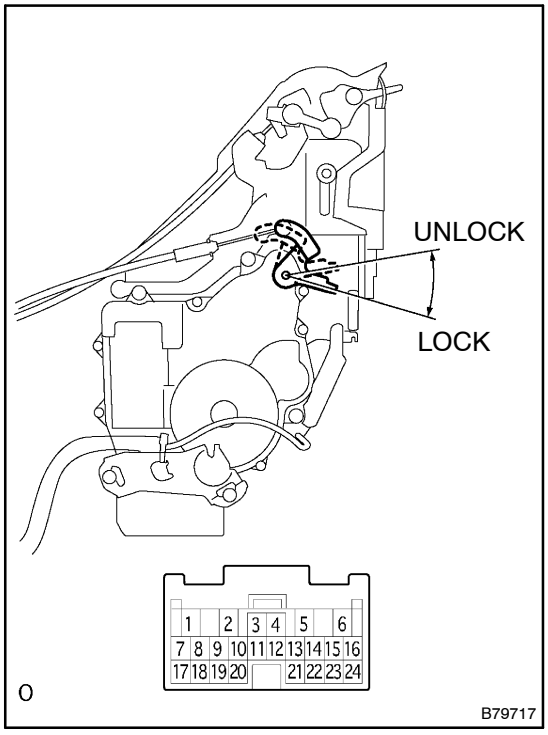
(a) Disconnect the R36 ECU connector.
(b) Apply battery voltage to the door lock and check operation of the door lock motor.
OK:

Measurement Condition	Specified Condition
Battery positive (+) → Terminal 2 Battery negative (–) → Terminal 1	Moves to LOCK
Battery positive (+) → Terminal 1 Battery negative (–) → Terminal 2	Moves to UNLOCK

NG → **REPLACE REAR DOOR LOCK ASSY RH**

OK

2 INSPECT FRONT DOOR LOCK ASSY RH (POSITION SWITCH)



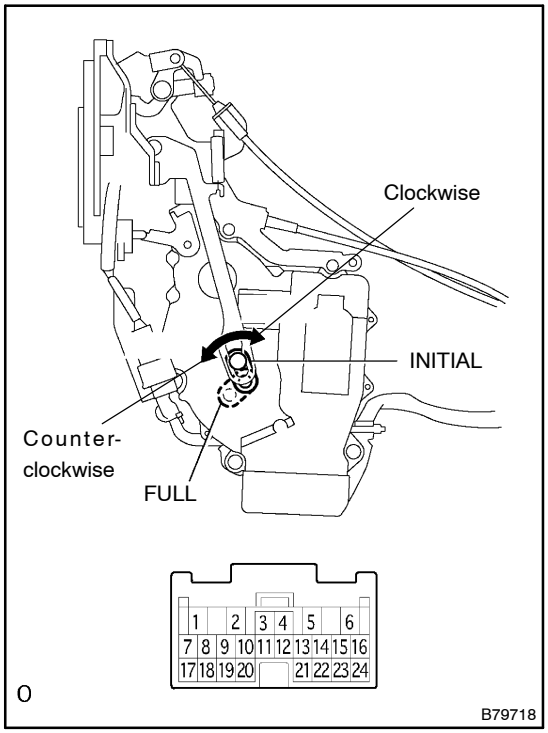
(a) Disconnect the R36 ECU connector.
(b) Measure the resistance of the position switch.
Standard:

Tester Connection	Door Lock Condition	Specified Condition
7 – 20	LOCK	10 kΩ or higher
7 – 20	UNLOCK	Below 1 Ω

NG → **REPLACE FRONT DOOR LOCK ASSEMBLY RH**

OK

3 INSPECT REAR DOOR LOCK ASSY RH (DOOR CLOSER MOTOR)



(a) Disconnect the R36 ECU connector.
(b) Apply battery voltage and check operation of the door closer link.

Standard:

Measurement Condition	Specified Condition
Battery positive (+) → Terminal 5 Battery negative (–) → Terminal 6	Moves to FULL
Battery positive (+) → Terminal 6 Battery negative (–) → Terminal 5	Moves to INITIAL

NG → **REPLACE REAR DOOR LOCK ASSY RH**

OK

REPLACE REAR DOOR ECU RH