

Door lock motor circuit

CIRCUIT DESCRIPTION

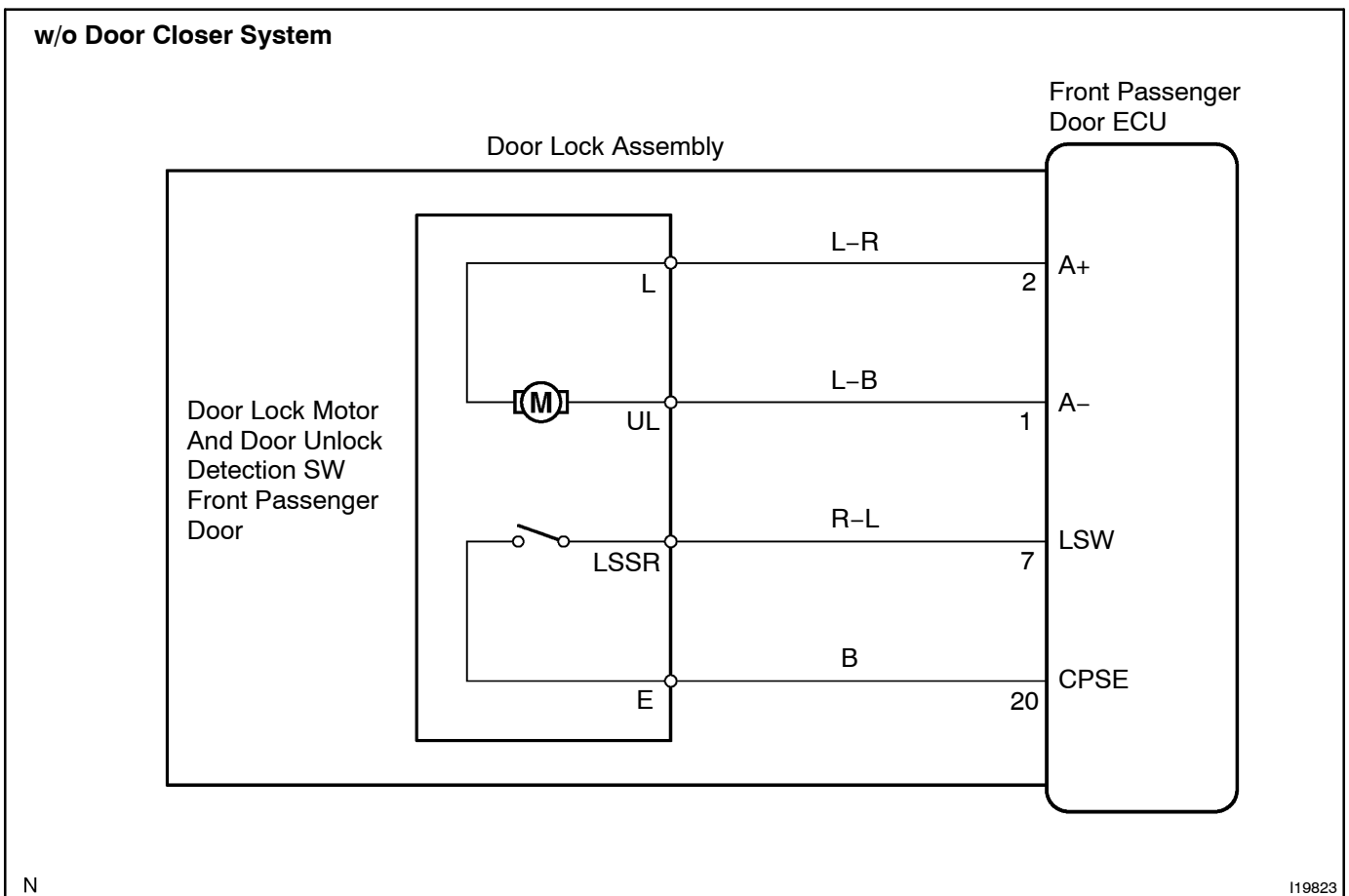
The door lock motor is built in the door lock assembly.

The passenger door ECU receives the passenger door lock switch signal from the master switch to operate the door lock motor.

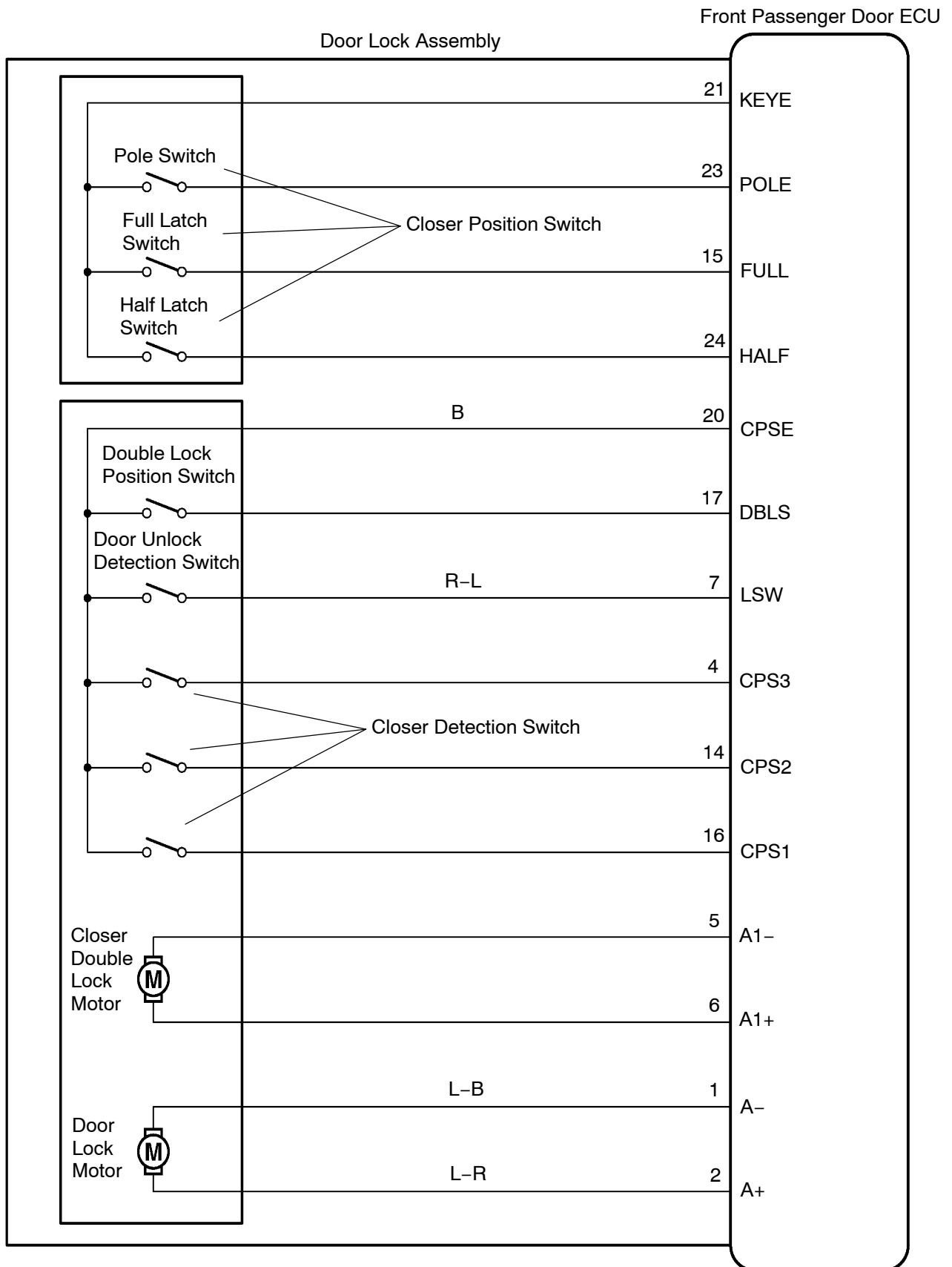
When the battery voltage is applied to the terminal as follows, the door lock functions accordingly.

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

WIRING DIAGRAM



w/ Door Closer System



N

I20168

INSPECTION PROCEDURE**HINT:**

In case of using the LEXUS hand-held tester, start the inspection from step 1 and in case of not using the LEXUS hand-held tester, start from step 2.

1 Check door lock motor using LEXUS hand-held tester.

PREPARATION:

Connect the LEXUS hand-held tester to DLC3.

CHECK:

Check that the door lock motor can operate in ACTIVE TEST.

OK

Proceed to next circuit inspection shown on problem symptoms table (See page DI-1271).

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2 Check door lock motor (See page BE-95).

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Replace door lock assembly.

OK

3 Check wireharness and connector between door lock motor and front passenger door ECU (See page N-35).

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Repair or replace wireharness or connector.

OK

Proceed to next circuit inspection shown on problem symptoms table (See page DI-1271).