

Door lock motor circuit

CIRCUIT DESCRIPTION

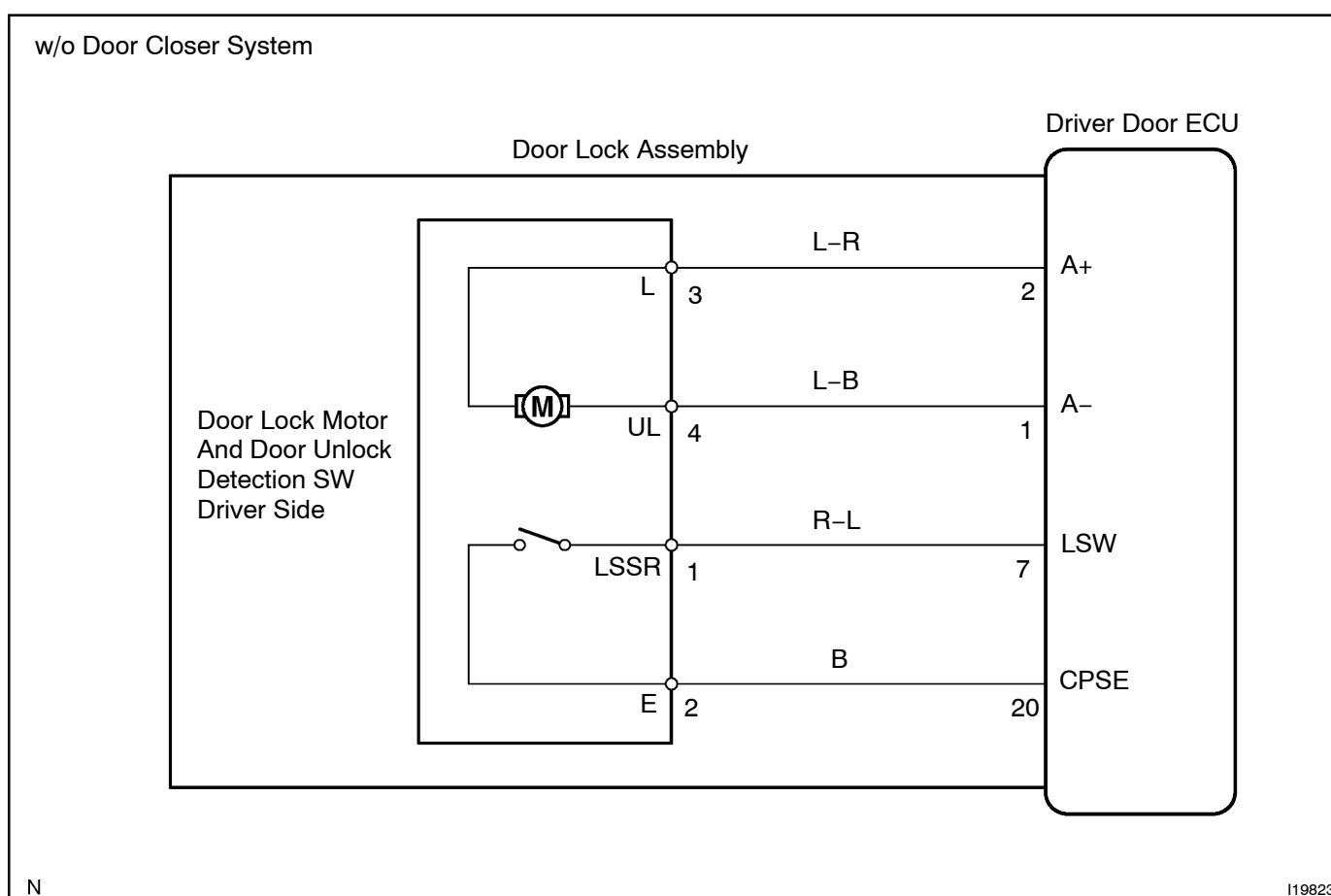
The door lock motor is built in the door lock assembly.

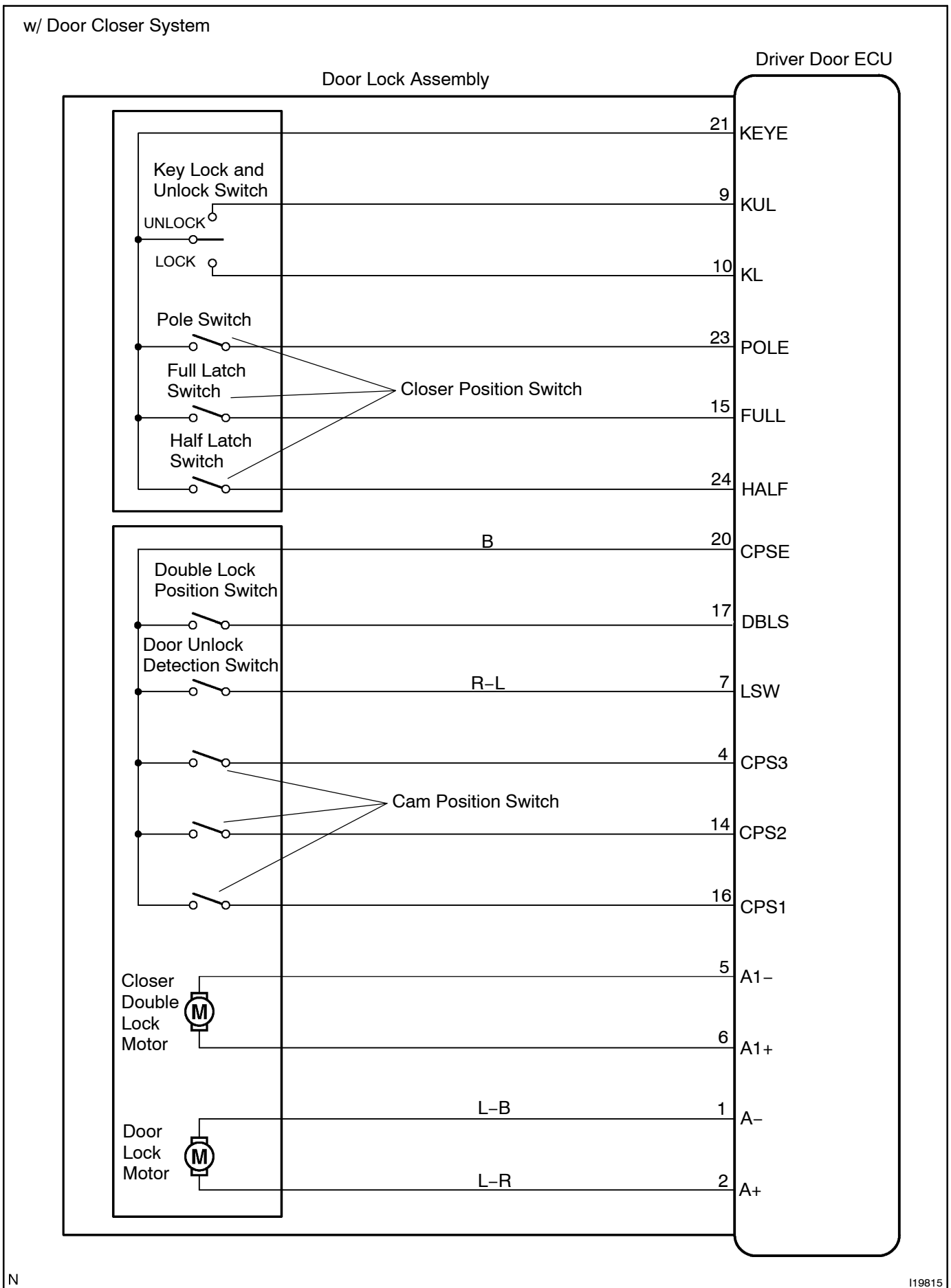
The Driver Door ECU receives the driver door lock switch signal from the master switch to operate the door lock motor.

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

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

WIRING DIAGRAM





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I19815

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-1197).

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

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Replace door lock assembly.

OK

3 Check wire harness and connector between door lock motor and driver door ECU (See page IN-35).

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Repair or replace wire harness or connector.

OK

Proceed to next circuit inspection shown on problem symptoms table (See page DI-1197).