

Door lock motor circuit

CIRCUIT DESCRIPTION

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

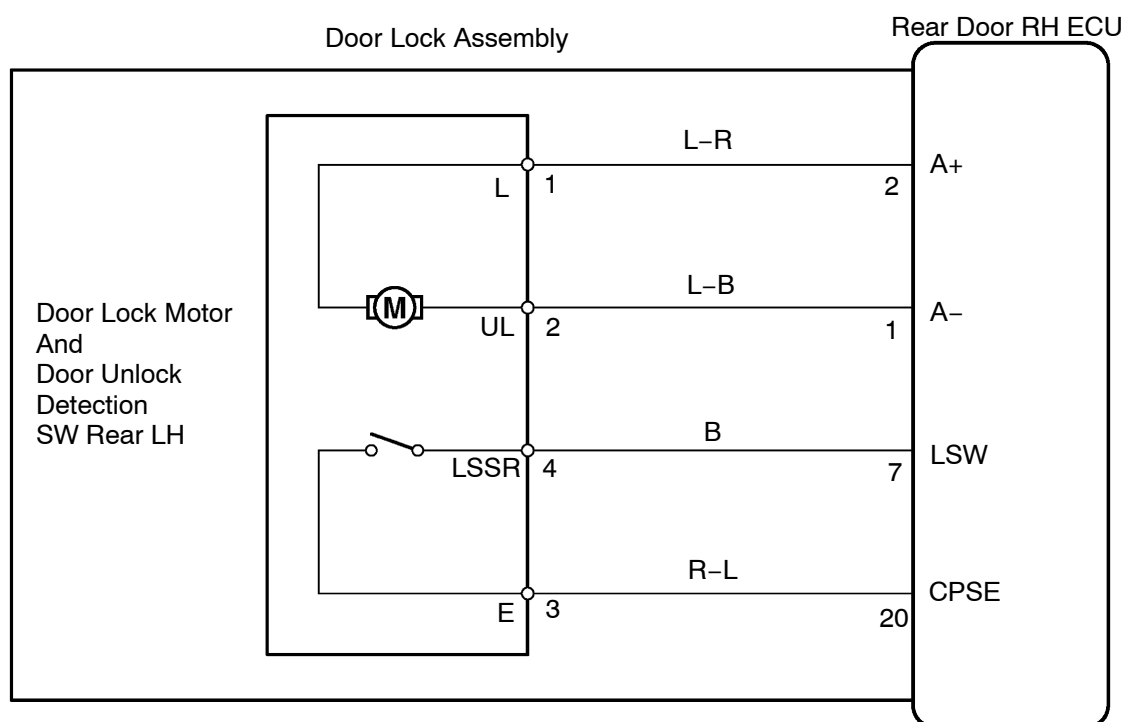
The rear right door ECU receives the rear right door lock switch signal from the master switch to operate the door lock motor.

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

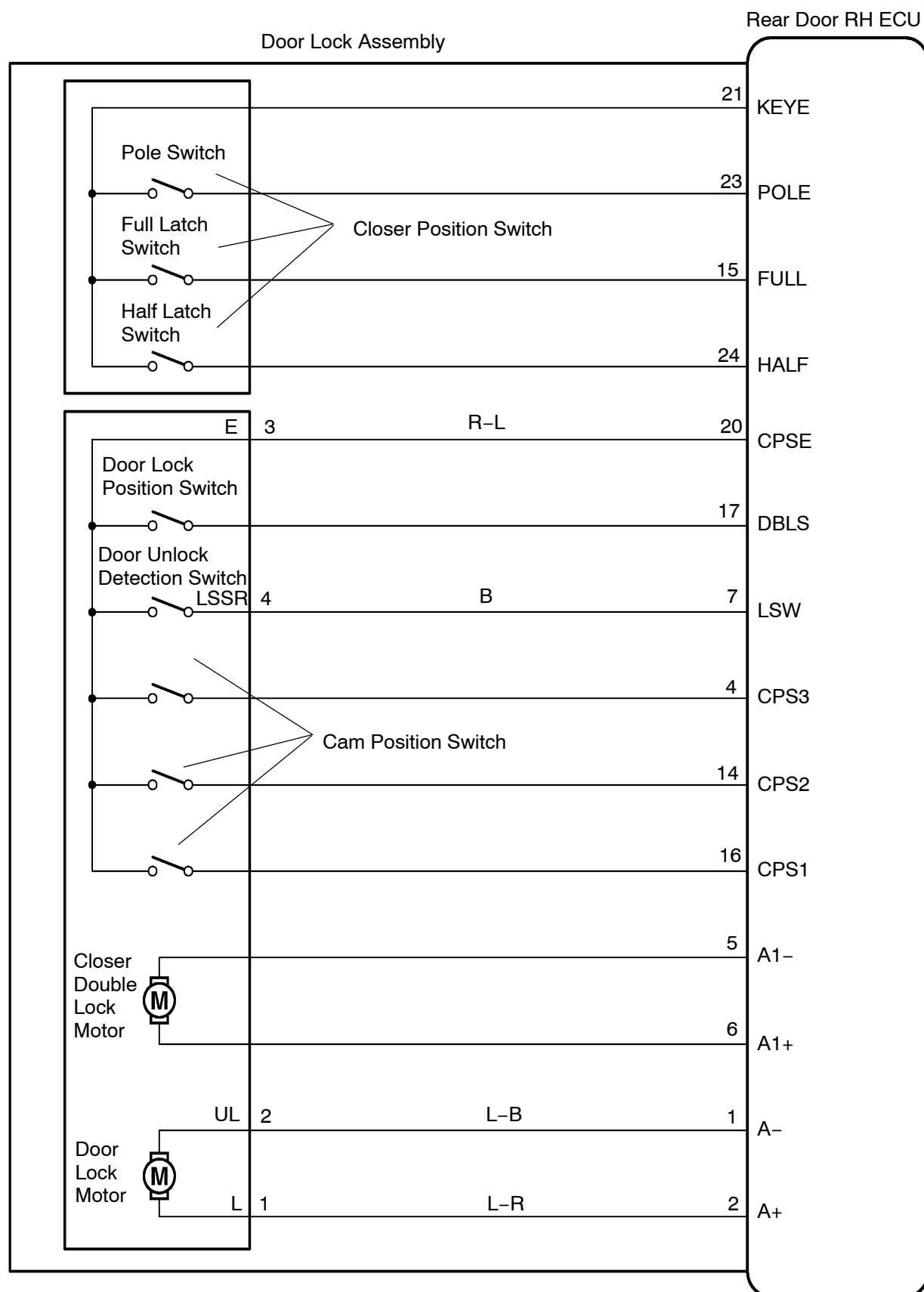
Door lock operation	A+	A-
LOCK	12 V	Ground
UNLOCK	Ground	12 V

WIRING DIAGRAM

w/o Door Closer System



w/ Door Closer System



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 the DLC3.

CHECK:

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

OK

Proceed to next circuit inspection shown on problem symptoms table ([See page DI-1339](#)).

NG

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

NG

Replace door lock assembly.

OK

3	Check wireharness and connector between door lock motor and rear door RH ECU (See page IN-35).
---	--

NG

Repair or replace wireharness or connector.

OK

Proceed to next circuit inspection shown on problem symptoms table ([See page DI-1339](#)).