DI279–02

Sliding Roof Pulse Plate Circuit

WIRING DIAGRAM

See page DI–605.

INSPECTION PROCEDURE

HINT:
If there is not the LEXUS hand–held tester, begin with STEP 2.

1	**Check sliding roof control switch operation. (See page DI–607 on step 1)**

NG ⟩ **Check sliding roof control switch circuit (See page DI–607).**

OK

2	**Check sliding roof pulse plate operation.**

PREPARATION:
(a) Connect the LEXUS hand–held tester to the DLC3.
(b) Turn ignition switch ON and LEXUS hand–held tester main switch ON.
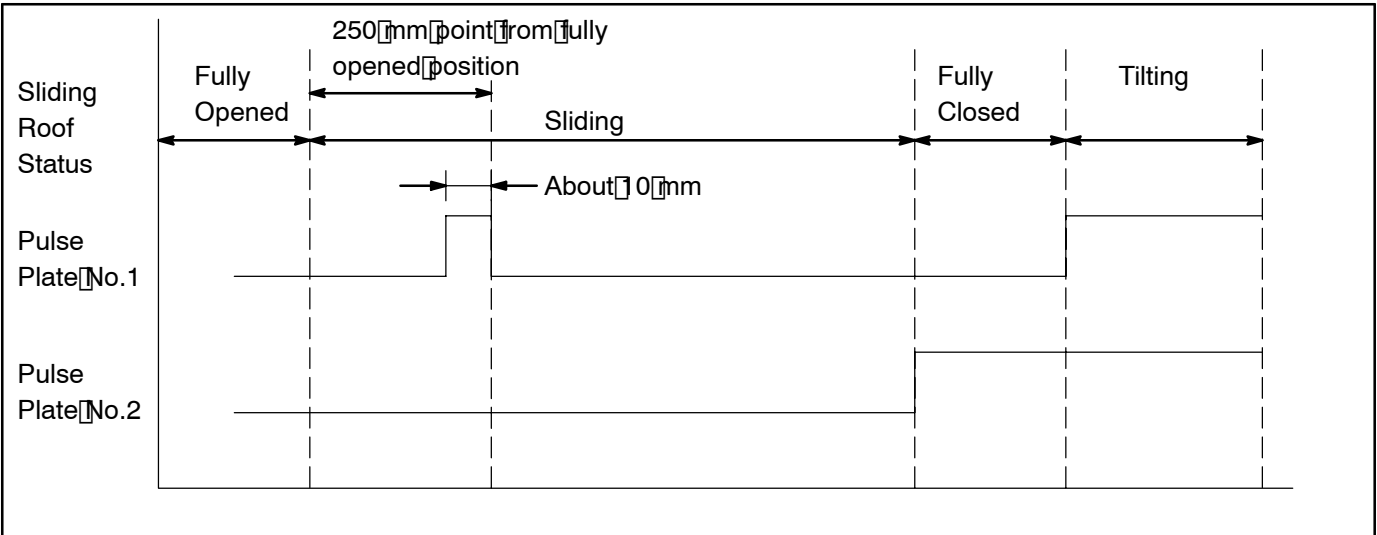(c) Select the ACTIVE TEST mode on the LEXUS hand–held tester.
CHECK:
(a) Operate the slide roof as the LEXUS hand–held tester directs.
(b) At this time, check that status (ON/OFF) of pulse plate No.1 and No.2 changes on the LEXUS hand–held tester screen as shown in the chart below.
NOTICE:
Caution is necessary for a part of body not to be caught in as the jam protection system does not operate during conducting ACTIVE TEST.
OK:

| NG | Replace sliding roof gear assembly. |

OK

| 3 | Check sliding roof motor status. |

PREPARATION:
Connect the LEXUS hand−held tester to the DLC3.
CHECK:
(a) Enter into ACTIVE TEST mode of LEXUS hand−held tester.
(b) Check that "Sliding Roof" operates as the LEXUS hand−held tester directs.
(c) At this time, check that motor status changes on the screen of LEXUS hand−held tester as the sliding roof switch of the vehicle is turned.
OK:
The motor operates normally.

| NG | Replace sliding roof gear assembly. |

OK

| 4 | Check sliding roof glass alignment. (Mechanical malfunction) (See page BO−74). |

| NG | Adjust sliding roof (See page BO−81). |

OK

| Replace sliding roof gear assembly. |