

VIBRATION SEAT FUNCTION DOES NOT OPERATE (REAR SEAT ECU OPERATION CHECK)

DESCRIPTION

The rear seat ECU receives a signal from the rear seat control switch and, through the multiplex communication line, sends a signal to the vibration seat ECU to activate the vibrator.

INSPECTION PROCEDURE

1 PERFORM ACTIVE TEST USING INTELLIGENT TESTER II

- (a) Connect the intelligent tester II to the DLC3.
- (b) Turn the ignition switch ON and push the intelligent tester II main switch ON.
- (c) Select the item below in the ACTIVE TEST and then check that the rear power seat operates..

Rear LH seat ECU:

Item	Test Details	Diagnostic
Refreshing ECU	Test details: refreshing ECU status ON/OFF Vehicle condition: stopped	-

Rear RH seat ECU:

Item	Test Details	Diagnostic
Refreshing ECU	Test details: refreshing ECU status ON/OFF Vehicle condition: stopped	-

OK:

The vibrator operates normally.

NG

Go to step 4

OK

2 READ VALUE OF INTELLIGENT TESTER II

- (a) Connect the intelligent tester II to the DLC3.
- (b) Turn the ignition switch ON and push the intelligent tester II main switch ON.
- (c) Select the item below in the DATA LIST and read the display on the intelligent tester II.

Rear seat control switch:

Item	Measurement Item/ Display (Range)	Normal Condition
RR Ref Start SW	Rear LH refreshing seat switch signal (START) / ON or OFF	ON: Rear LH refreshing seat switch signal (STOP) is ON OFF: Rear LH refreshing seat switch signal (STOP) is OFF
RR Ref Stop SW	Rear LH refreshing seat switch signal (STOP) / ON or OFF	ON: Rear LH refreshing seat switch signal (STOP) is ON OFF: Rear LH refreshing seat switch signal (STOP) is OFF
RR Ref Start SW	Rear RH refreshing seat switch signal (START) / ON or OFF	ON: Rear RH refreshing seat switch signal (START) is ON OFF: Rear RH refreshing seat switch signal (START) is OFF
RR Ref Stop SW	Rear RH refreshing seat switch signal (STOP) / ON or OFF	ON: Rear RH refreshing seat switch signal (START) is ON OFF: Rear RH refreshing seat switch signal (START) is OFF

NG

REPLACE REAR SEAT CONTROL SWITCH

OK

3 CHECK REAR SEAT ECU

- (a) Check if the malfunction disappears when a functioning rear ECU is installed.

OK:

The vibrator operates normally.

NG

REPLACE REAR SEAT CONTROL SWITCH

OK

REPLACE REAR SEAT ECU

4 CHECK REAR SEAT ECU

- (a) Check if the malfunction disappears after installing a functioning rear seat ECU and performing the ACTIVE TEST in step (1).

OK:

The vibrator operates normally.

NG

**PROCEED TO NEXT CIRCUIT INSPECTION
SHOWN ON PROBLEM SYMPTOMS TABLE (See
page 05-2340)**

OK

REPLACE REAR SEAT ECU