

DISTANCE CONTROL SWITCH CIRCUIT

CIRCUIT DESCRIPTION

The distance control switch sets the vehicle-to-vehicle distance mode.

The distance control switch (DISP2 button) is installed in the steering pad switch modulator. The vehicle-to-vehicle distance set value can be changed by operating the distance control switch (DISP2 button) while the dynamic laser cruise control system is in operation.

The steering pad switch modulator uses CAN to communicate with each ECU. Therefore it does not have a direct connection with the ECM. If there are any malfunctions in the communication line of the steering pad switch modulator, one or more DTCs in the multiplex communication system is/are output.

INSPECTION PROCEDURE

1 READ VALUE ON INTELLIGENT TESTER

- Connect the intelligent tester to the DLC3.
- Turn the ignition switch to the ON position.
- Select the item "Meter Multi Dsp2 SW" in the DATA LIST, and read its value on the intelligent tester II.
- Check the indication displayed on the intelligent tester II, when the steering pad switch (DISP2) is ON and when it is OFF.

MULTI-INFORMATION DISPLAY CONTROL SWITCH (STEERING PAD SWITCH MODULATOR):

Item	Measurement Item Display (Range)	Normal Condition	Diagnostic Note
Meter Multi Dsp2 SW	Steering pad switch (DISP2) signal ON or OFF	ON ↔ OFF Change ON/OFF each time steering pad switch (DISP2) SW is pushed.	-

OK: When switch operation is performed the standard values will be above.

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REPLACE STEERING PAD SWITCH MODULATOR (SEE PAGE 67-25)

OK

PROCEED TO NEXT CIRCUIT INSPECTION SHOWN IN DIAGNOSTIC TROUBLE CODE CHART (SEE PAGE 05-3638)