

DTC	P1617	DISTANCE CONTROL ECU MALFUNCTION
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CIRCUIT DESCRIPTION

In the dynamic laser cruise control system, the ECM and the distance control ECU communicate with one another to control the system based on some designation information. If the designation information of the ECM and distance control ECU is different from each other, this DTC is recorded.

DTC No.	DTC Detecting Condition	Trouble Area
P1617	While the dynamic laser cruise control is either preparing for operation or operating, if the designation signal from the ECM and the designation return signal from the distance control ECU do not match one another for a certain amount of time or more, the ECM records this trouble code.	<ul style="list-style-type: none"> Cruise control ECU (Distance control ECU)

INSPECTION PROCEDURE

1	CONFIRM THE DESIGNATION INFORMATION
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- (a) If this DTC is output, confirm the designation information by following the procedures below.
- (1) Turn the ignition switch to the ON position.
 - (2) Push the ON-OFF button of the cruise main switch on.
 - (3) With the brake pedal depressed, push the cruise control main switch to RES/ACC 3 times within 3 seconds. Check that the VSC buzzer sounds at this time.

NOTICE:

Do not turn the headlamp dimmer switch on at this time because the optical axis automatic adjustment mode has already started, which could lead to incorrect optical axis.

If the light control switch is turned on by mistake, readjust the optical axis (refer to page 82-4 for optical axis adjustment).

- (4) Clear the DTC and then recheck for DTCs.

OK: DTC is not output.

HINT:

If DTC P1617 is still output after performing the above procedures, replace the distance control ECU.

- If the DTC P1617 is still output after replacing the distance control ECU, replace the ECM.

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**REPLACE CRUISE CONTROL ECU ASSY
(SEE PAGE 82-2)**

OK

SYSTEM OK