

DTC**P1617****DISTANCE CONTROL ECU MALFUNCTION****CIRCUIT DESCRIPTION**

In the dynamic radar cruise control system, the ECM and the cruise control ECU (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 are different or distance control ECU is malfunctioning, this DTC is recorded.

DTC No.	DTC Detection Condition	Trouble Area
P1617	While dynamic radar cruise control is either preparing for operation or operating, designation signal from ECM and designation return signal from distance control ECU do not match or distance control ECU is malfunctioning for certain amount of time	Cruise control ECU (Distance control ECU)

INSPECTION PROCEDURE**1 CONFIRM DESIGNATION INFORMATION**

- (a) If this DTC is output, confirm the designation information by following the procedures below.
- (1) Turn the ignition switch ON.
 - (2) Turn the cruise control main switch ON.
 - (3) With the brake pedal depressed, push the cruise control main switch RES/ACC 3 times within 3 seconds. Check that the skid control buzzer sounds at this time.

NOTICE:

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

If the light control switch is turned ON by accidentally, readjust the beam axis ([refer to page 82-2](#) for optical axis adjustment).

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

OK: DTC is not output.

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REPLACE CRUISE CONTROL ECU ASSY
(See Pub. No. RM1049E, page 82-2)

HINT:

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

OK**SYSTEM OK**