

DTC	P1570	RADAR SENSOR MALFUNCTION
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CIRCUIT DESCRIPTION

The laser sensor emits laser beams towards an object in front and measures the distance and direction of the object by receiving the beam reflections. Based on the reflections, the sensor calculates the difference in speed between your own vehicle and an object in front. This data is transmitted to the cruise control ECU (distance control ECU).

DTC No.	Detection Item	Trouble Area
P1570	• The ECM outputs this trouble code when it detects the communication error signal (from the cruise control ECU (distance control ECU) to the laser sensor) for 0.15 sec. or more while the dynamic laser cruise control is in operation.	• Laser sensor

HINT:

The laser sensor monitors the laser emission and reception by itself. This DTC is detected when it cannot monitor.

When rain drops or snowflakes strike the laser sensor face, the distance between the vehicle in front and your own vehicle cannot be measured correctly.

The dynamic laser cruise control system functions by detecting the reflector of the vehicle directly in front. In the following cases, the system may not be able to detect the vehicle in front and may not properly maintain the correct vehicle-to-vehicle distance.

- The vehicle in front is a tall trailer.
- The back of the vehicle in front is extremely dirty.
- Emissions from the vehicle in front or from other lanes are heavy.
- The vehicle in front has no reflector.
- The laser sensor is receiving a strong flash of light (sunlight, etc.).

INSPECTION PROCEDURE

1	ADJUST LASER SENSOR (SEE PAGE 82-4)
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HINT:

It is necessary to make the ECM recognize spec information (whether the vehicle is equipped with the dynamic laser or not). When this procedure has not been carried out, this DTC may be output.

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

OK: DTC is not output.

HINT:

If DTC P1570 is still output after performing the above procedures, replace the laser sensor.

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**REPLACE LASER SENSOR
(SEE PAGE 82-3)**

OK

SYSTEM OK