

DTC	P1572	Improper Aiming of Radar Sensor Beam Axis
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DESCRIPTION

This DTC is output when the scanning angle of the laser sensor is incorrect.
 This DTC is also output when the laser sensor optical axis is in an incorrect position is detected.

DTC No.	DTC Detection Condition	Trouble Area
P1572	The ECM outputs this trouble code when the ECU detects that the laser sensor optical axis is in an incorrect position (0.15 sec. or more) while dynamic laser cruise control is in operation.	Laser sensor

HINT:

If the optical axis deviates to the upper/lower side +/- 2° or more and/or the right/left side +/- 4° or more, this DTC is detected.

1	ADJUST LASER SENSOR
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NEXT

END

DTC**P1575****Warning Buzzer Malfunction****DESCRIPTION**

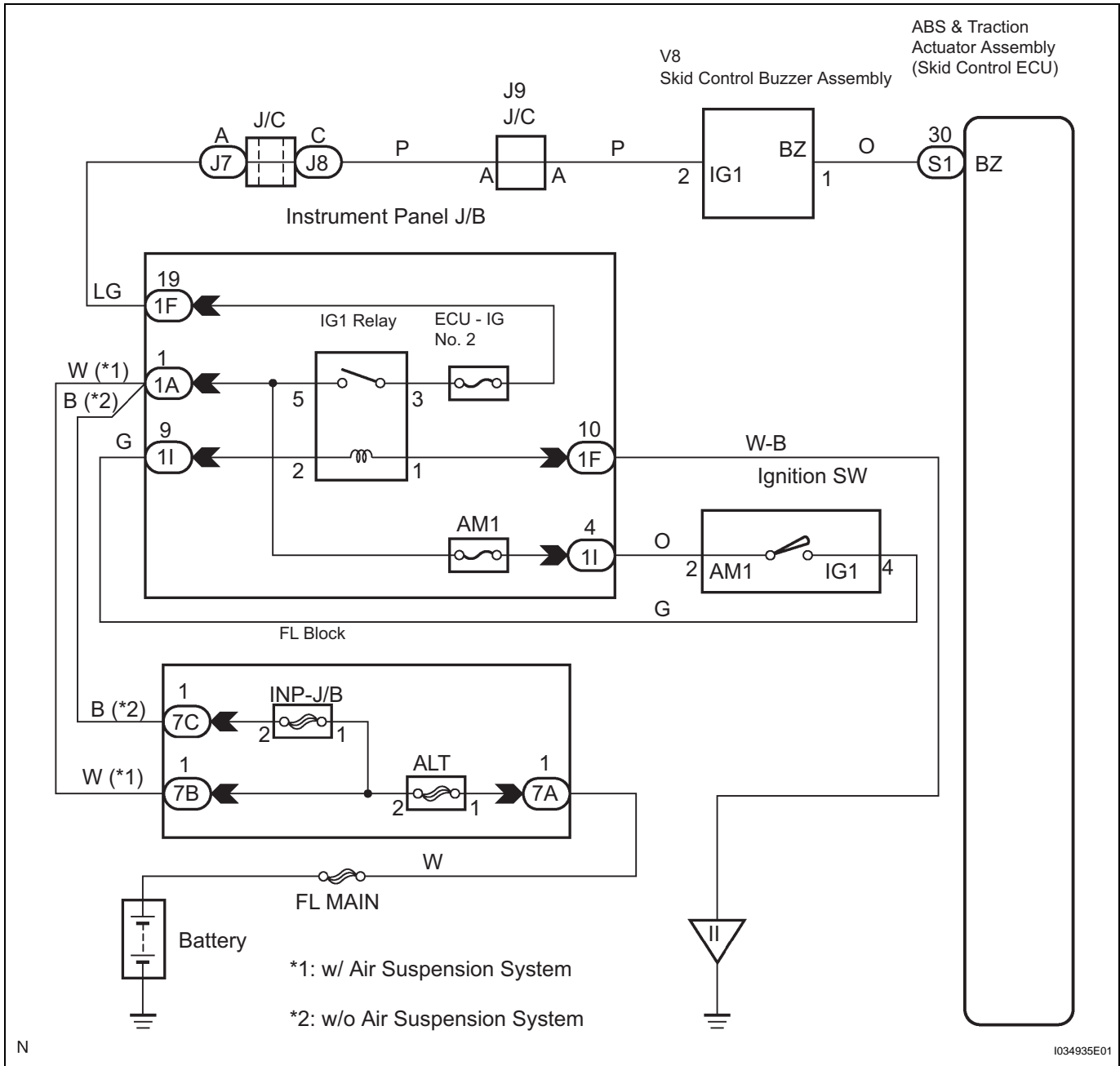
The Skid control ECU receives the alarm demand signal from the ECU and operates the skid control buzzer. The buzzer sounds to warn that the distance between the vehicle in front and your own vehicle is shortening.

DTC No.	DTC Detection Condition	Trouble Area
P1575	ECM receives buzzer abnormal signal for 0.2 sec. or more while dynamic radar cruise control is in operation	<ul style="list-style-type: none"> • Skid control buzzer • Skid control buzzer circuit • Skid control ECU

HINT:

If the vehicle ahead in the same lane significantly decreases its speed or another vehicle moves in front of your own vehicle, adequate deceleration cannot be applied and the vehicle-to-vehicle distance will shorten. At this time, the system sounds the buzzer and the master warning light blinks to inform the driver.

WIRING DIAGRAM



HINT:
When not using an intelligent tester, start from step 2.

1 PERFORM ACTIVE TEST BY SKID CONTROL BUZZER ASSEMBLY

- (a) Connect the intelligent tester to the DLC3.
- (b) Turn the ignition switch to the ON position, and turn the intelligent tester main switch ON.
- (c) Select the item "VSC/BR WARN BUZ" in the ACTIVE TEST, and operate it with the intelligent tester.
- (d) Check that the skid control buzzer sounds with the intelligent tester by selection "ON" or "OFF".

Result

Condition	Proceed to
OK (When checking from the DTC)	A
OK (When checking from the PROBLEM SYMPTOM TABLE)	B
NG	C

B → **PROCEED TO NEXT CIRCUIT INSPECTION SHOWN IN PROBLEM SYMPTOMS TABLE**

C → **Go to step 2**

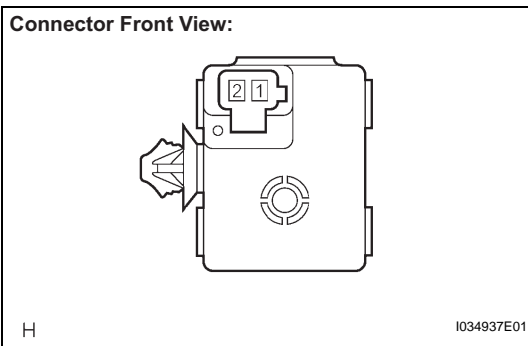
A

REPLACE ABS AND TRACTION ACTUATOR ASSEMBLY

2 INSPECT SKID CONTROL BUZZER ASSEMBLY

CC

Connector Front View:



- (a) Disconnect the skid control buzzer assembly connector.
- (b) Connect battery positive terminal lead connected to terminal 2 of the skid control buzzer assembly connector, battery negative terminal lead to terminal 1.
- (c) Check that the buzzer sounds.

Standard

Tester Connection	Condition	Specified Condition
1 - 2	When battery voltage is applied to terminal 1 and 2.	Buzzer sounds

NG → **REPLACE SKID CONTROL BUZZER ASSEMBLY**

OK

3 CHECK WIRE HARNESS AND CONNECTOR (SKID CONTROL BUZZER ASSEMBLY - SKID CONTROL ECU)

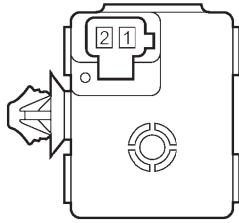
- (a) Check for an open or short circuit in harness and connector between the skid control buzzer assembly and the skid control ECU (See page [IN-36](#)).

NG → **REPAIR OR REPLACE WIRE HARNESS OR CONNECTOR**

OK

4 CHECK WIRE HARNESS AND CONNECTOR (SKID CONTROL BUZZER ASSEMBLY - BATTERY)

Connector Front View:



H

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- (a) Turn the ignition switch to the ON position.
- (b) Measure the voltage between terminal 2 of the skid control buzzer assembly and body ground.

Voltage

Condition	Specified value
Turn the ignition switch to the ON position	10 to 14 V

NG

REPAIR OR REPLACE WIRE HARNESS OR CONNECTOR

OK

REPLACE ABS AND TRACTION ACTUATOR ASSEMBLY