

DTC**C1337/37****Different Diameter Tire Malfunction****DESCRIPTION**

The skid control ECU measures the speed of each wheel by receiving signals from the speed sensors. These signals are used for recognizing whether all 4 wheels are operating properly. Therefore, all wheel signals must be equal.

DTC No.	DTC Detecting Condition	Trouble Areas
C1337/37	When either one of following condition detected: - Diameters different of 2 front wheels and 2 rear wheels. - Wheel speed sensor fault	- Speed sensor - Speed sensor rotor - Speed sensor circuit - Tire sizes

NOTICE:

Check the speed sensor signal after replacement (See page [BC-103](#)).

1**CHECK TIRE SIZE**

(a) Check tire size and condition of all 4 wheels.

OK:

All 4 wheels are the same size and in the same condition.

NG

REPLACE TIRES SO THAT ALL 4 TIRES ARE SAME IN SIZE

OK**BC****2****CHECK SPEED SENSOR ROTOR**[BC-130](#)

(a) Remove the drive shaft, and check around the speed sensor rotor.

OK:

No scratches or foreign matter on the sensor tip.

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REPLACE SPEED SENSOR ROTOR

OK**3****CHECK SPEED SENSOR**

(a) Check the speed sensor circuit (See page [BC-130](#)).

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REPLACE SPEED SENSOR

OK**4****CHECK HARNESS AND CONNECTOR (SKID CONTROL ECU - EACH SPEED SENSOR)**

(a) Check the speed sensor circuit (See page [BC-130](#)).

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REPAIR OR REPLACE HARNESS OR
CONNECTOR

OK

5

RECONFIRM DTC

- (a) Clear the DTCs (See page [BC-118](#)).
- (b) Drive the vehicle at more than 13 mph (20 km/h) for more than 60 seconds.
- (c) Check if the same DTCs are detected.

Result	Proceed to
DTC output	A
DTC not output	B

B

END

A

REPLACE MASTER CYLINDER SOLENOID