

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 of following conditions detected: <ul style="list-style-type: none"> Diameters different of 2 front wheels and 2 rear wheels. Wheel speed sensor fault 	<ul style="list-style-type: none"> Speed sensor circuit Tire sizes Master cylinder solenoid (skid control ECU)

INSPECTION PROCEDURE**NOTICE:**

When replacing the master cylinder solenoid, perform zero point calibration (See page [BC-24](#)).

1**CHECK DTC**

- (a) Check if the DTC(s) relating to the speed sensor circuit is output (See page [BC-45](#)).

Result

Result	Proceed to
DTC not output	A
DTC output	B

B**REPAIR SPEED SENSOR CIRCUIT****A****2****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.

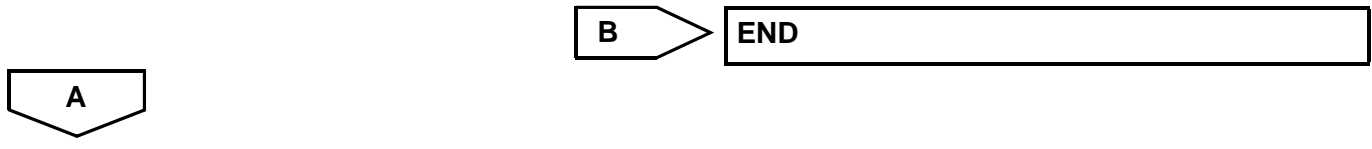
NG**REPLACE TIRES SO THAT ALL 4 TIRES ARE SAME IN SIZE****OK****3****RECONFIRM DTC**

- (a) Clear the DTC (See page [BC-45](#)).
(b) Drive the vehicle at more than 13 mph (20 km/h) for more than 60 seconds.
(c) Check if the same DTC is detected (See page [BC-45](#)).

Result

Result	Proceed to
DTC output	A
DTC not output	B

BC



BC

REPLACE MASTER CYLINDER SOLENOID