

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

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

DTC No.	DTC Detecting Condition	Trouble Areas
C1337/37	At vehicle speed of 18 mph (30 km/h) or more, difference of wheel speeds between front 2 wheels and rear 2 wheels, or front left and right wheels 20 % or more for 60 seconds or more.	<ul style="list-style-type: none"> • Speed sensor • Speed sensor rotor • Speed sensor circuit • Tire size • Brake actuator (skid control ECU)

1 CHECK TIRES

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

OK:

All 4 wheels are in same condition.

NG

REPLACE TIRES SO THAT ALL 4 TIRES ARE SAME IN SIZE

OK

2 CHECK SPEED SENSOR ROTOR

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

OK:

No scratches or foreign matter on the sensor tip.

NG

REPLACE SPEED SENSOR ROTOR

OK

3 CHECK SPEED SENSOR

NG

REPLACE SPEED SENSOR

OK

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

NG

REPAIR OR REPLACE HARNESS OR CONNECTOR

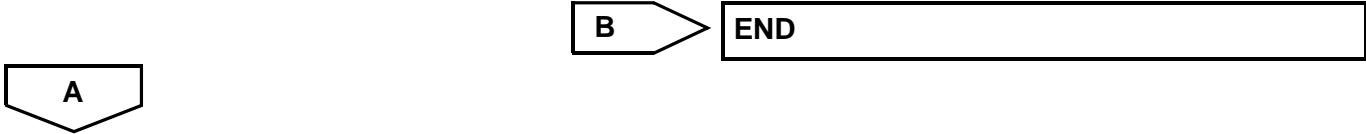
OK

BC

5 RECONFIRM DTC

- (a) Clear the DTCs (See page [BC-16](#)).
- (b) Check if the same DTCs are detected.

Result	Proceed to
DTC output	A
DTC not output	B



REPLACE BRAKE ACTUATOR