



SI B34 01 14
Brakes

March 2015
Technical Service

This Service Information bulletin supersedes SI 34 01 14 dated April 2014.

NEW designates changes to this revision

SUBJECT

Vibration When Braking: Diagnosing and Repairing

MODEL

All

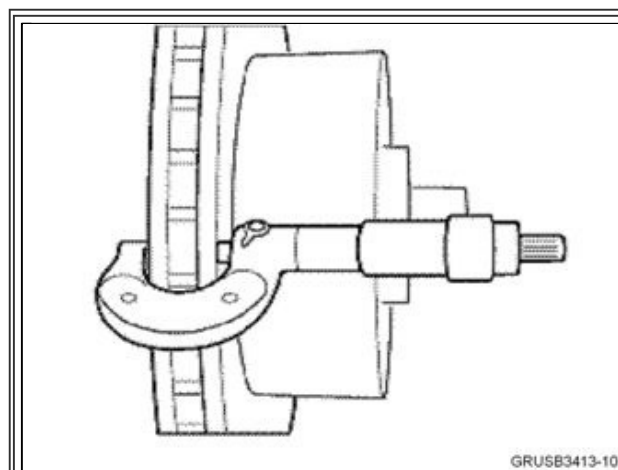
INFORMATION

This Service Information bulletin provides tips for diagnosing and repairing vibration when braking.

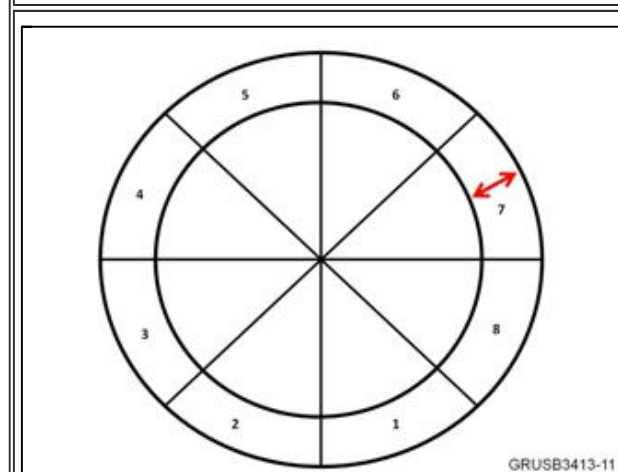
Note: Brake disc runout is not an acceptable measurement when diagnosing brake vibrations.

Brake disc thickness variation measurement

NEW



When claiming the discs as the cause for vibration, an out-of-specification brake disc thickness variation measurement is the only acceptable measurement for warranty. Using a micrometer (gauge precision 1/1000 mm), measure the brake disc thickness.



The thickness difference is measured around the braking surface, at the following radius:

Front brake discs: 25mm from the edge

Rear brake discs: 15mm from the edge

The brake disc thickness difference is maximum 0.030mm. If the readings deviate beyond 0.030mm, replace the brake discs.

Use attachment B34 01

14_Technician_Rotor_

Measuring_Sheet when submitting the discs for warranty.

Note: Install new brake pads when replacing discs.

Refer to the attached troubleshooting tree when diagnosing vibration complaints.

ATTACHMENTS

View PDF attachment [B340114 Troubletree.](#)

View PDF attachment [B340114 Technician Rotor Measurement.](#)

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