

SB-10043567-6359

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Title:

ProStar-Vibration While Braking

Applies To:**DESCRIPTION**

Some current build Prostar models may exhibit a brake "Shimmy" or Vibration in the front end during brake events.

All 2011 build Prostar models with this concern will need to be directed to Meritor On Trac for repair directions.

In order to expedite this process this article will cover the basic checks and information required by Meritor.

Have the tests and information complete and available prior to contacting Meritor On trac at (866) 668-7221.

Prior to creating an On Trac case please start an Iknow Tech Service case .

TROUBLESHOOTING/DOCUMENTATION

Vehicle Information

Meritor brake Tag (off cam assembly)

Drum Type (Meritor, Gunite, Centrifuse etc...)

Hub Type

When the vibration started

Other conditions that exist (Hot wheel end, Pull etc...)

Base suspension checks for loose or damaged components

Friction material type (numbers off Web or printed on side of linings)

Drum runout (test as an assembly on the truck, if excessive verify disassembled using a Drum Micrometer)

ASA Worksheet ([HERE](#))

Brake Burnishing Procedure ([HERE](#))

Drum to Hub pilot inspection

Hub -bearing,runout , and end play

Rotate drum 180 degrees on pilot and retest

If none of the above steps indicate a problem and the concern is still present contact Meritor On -Trac at 1-866-668-7221

RESOURCES

[Meritor MM4](#)

[Meritor MM-99100](#)

[Meritor MM1](#)

[S04007- Drums and Shoes](#)

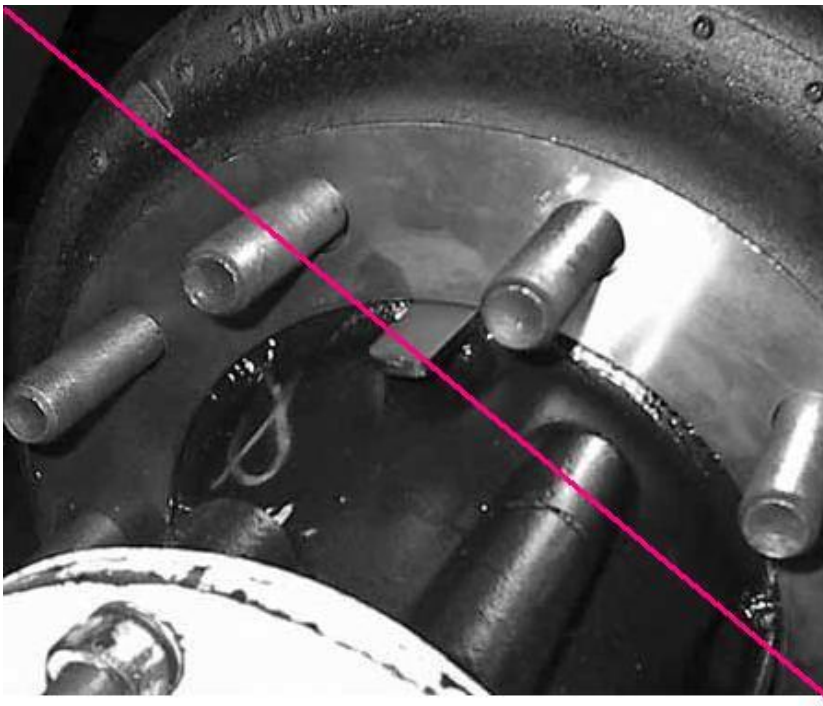
Tag



Lining Type



Pilot Inspection

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