Vibration Diagnostics

Important: Use factory service manuals and procedures and refer to all applicable safety precautions when servicing vehicles . This document is intended to assist with drive train vibration diagnosis.

It does not guarantee an immediate solution nor does it guarantee warranty responsibility or reimbursement.







Gather Info

When did vibration start? Where is vibration felt?

What road conditions?

Under load or high torque

conditions?

During acceleration /

deceleration?

Speed dependent?

RPM dependent?

Noise?

Suspension modified recently? Lube clean and at proper level?

Road Test

Have vehicle driver recreate complaint condition, if possible Leave trailer attached

Run up to suspected RPM and put transmission in neutral

Simulate Conditions

Speed

Gear Position

Coast **Under power**

Loaded / Unloaded



Record Findings

Speed

RPM

Gear Position

Coast

Under power

Loaded / Unloaded

Stationary Inspection

Tyres

Dented driveshaft tubing

Engine supports

Transmission support

Driveshaft centre bearing

