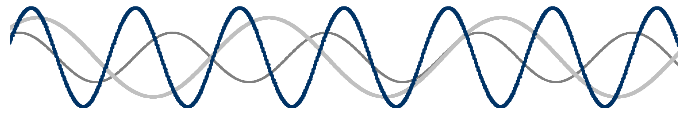


TRUCK VIBRATION TECHNOLOGY



Getting the Most Out of Your System January 15, 2011

Here are some things that we have learned about the use of the tool that will help you get more out of your system.

Allison Transmissions

There are two possible tooth numbers on Allison transmission speedometer output gears. The most likely is 32 teeth. If the DVA road speed is significantly higher than the speedometer on the dash, try 40 teeth.

Freedom Line Transmissions

There is a special circuit that is required to measure the output speed of a Freedom Line transmission. Call TVT for details

Flywheel Speed Measurement 1

Always sense the evenly spaced starter gear teeth on the flywheel. Special wheels with gaps for timing measurement will give erroneous results.

Flywheel Speed Measurement 2

TVT has an assortment of special brackets and sensors for flywheel speed sensing for all high volume engines sold in North America. If you have a question, call TVT.

Wheel End Vibration 1

Wheel end vibration can be caused by tire mis-mounting and faulty tire construction. We have recently found that a certain brand of tires generated two pulses per wheel revolution in the lateral direction. Call TVT if you are stumped by a wheel end problem.

Wheel End Vibration 2

The cab sometimes resonates on its mounts at wheel end frequency, which can make the cab floor extra sensitive to small tire run-out or imbalance. TVT has the technology to measure the effectiveness of cab mounts. Call to find out.

Engine Vibration

Evaluate the effectiveness of engine and cab mounts with DVA 2.0 Plus.

Driveline Angle Measurement

TVT offers the Driveline Angle Analyzer

TVT has extra vibration sensors, cables, speed sensors, special brackets and all the support equipment you need for every engine and transmission. Call for help.

Please feel free to call TVT when you have any issues or questions. We are committed to help you get the best payback from your system. It is from your success that we hope to grow the use of the tool. If you have an unusual problem that you are wrestling with, we would like to hear about it. By attacking it and solving it, we all learn and get more effective, which is what investing in the tool is all about.

John Bair
Truck Vibration Technology
(269) 743-9372
johnjbair@truckvibration.com