



FOR IMMEDIATE RELEASE

Tire balance is important!

November 1, 2011 (Murfreesboro, TN)... When changing the tires on any vehicle, proper balance is a vital step for ensuring maximum comfort while driving, increasing safety and reducing tire wear. Tests conducted by Perfect Equipment, a leading wheel balance weight manufacturer, and OE manufacturers show that small balance weights have an important job to do on wheel rims. Compensating wheel imbalance ensures comfort and safety on the move while also preventing excess wear and premature tire abrasion. Tire professionals use wheel balance weights to compensate imbalance by precision-balancing all four wheels every time a tire is changed.

“To ensure the perfect fit, we work in close collaboration with car manufacturers when developing Perfect Equipment balance weights,” says Jeff Waechter, President and CEO of Perfect Equipment. “The strong retaining springs found on today’s traditional clip-on weights and the special adhesive strip associated with adhesive weights can withstand even the most challenging of loads. Regular test runs safeguard consistently high levels of quality and ensure that original parts enjoy a long service life.”

The results of endurance tests clearly show the consequences of failed wheel weights. Imbalance affects driving comfort, safety and wear. For the driver, the effect of imbalance is most noticeable by the deterioration in comfort. Vibration can be felt to a greater or lesser extent depending on the degree of imbalance and the type of vehicle. The steering wheel and the interior can be felt to shake from a speed of approximately 50 mph. This shaking is accompanied by a monotone rumbling sound. The maximum resonance range is reached at approximately 80mph and shaking begins to subside at higher speeds. The effect on the vehicle, however, can be felt in all speed ranges.

As proven by braking tests, the effects on safety are also alarming. While imbalance has no effect on braking distance when driving slowly, the vehicle used in tests needed about 20 additional feet to stop when braking from a speed of 90 mph. This equates to the length of a pickup truck, a distance that could make a big difference in an emergency situation.

In addition, driving with imbalance over a longer period of time has an adverse effect on the wear of various components. For instance, distinct tire abrasion was already noticeable after approximately 1,200 miles, resulting in heel and toe wear. Furthermore, increased wear of wishbones, shock absorbers and bearings that may lead to premature repairs was also measured during the endurance test.

Balancing is important! Therefore, the next time your wheels are changed, make sure they are correctly balanced with Perfect Equipment wheel balance weights.

ABOUT US

Perfect Equipment, as a part of WEGMANN Automotive, is the world's largest manufacturer of wheel balance weights. Since 1939, Perfect Equipment has been a leader in innovation and quality

Perfect Equipment Inc.

1715 Joe B. Jackson Parkway | Murfreesboro, TN 37127
Tel 800-251-1566 | Tel 615-893-0643 | Fax 615-898-1668

www.perfectequipment.com



bringing valuable insight and solutions to the automotive industry by offering a comprehensive range of wheel balance weights including traditional, non-lead, and adhesive options. Perfect Equipment Inc., is part of a global wheel weight platform that supplies both OEM and aftermarket customers on five continents.

With a state of the art manufacturing facility based in Murfreesboro, Tennessee, and three distribution centers across the US and Canada, Perfect Equipment can respond to every customer's needs. The company is recognized for the broadest product offerings and the highest quality standings in the industry and has become a reputable name synonymous with quality, performance and fit.

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