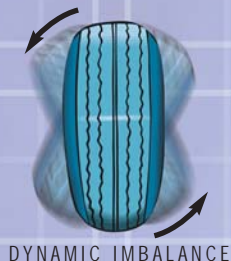
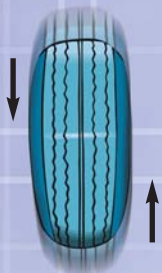


COATS EconoBalance™

Available in COATS XR-series and 1250 Wheel Balancers



DYNAMIC IMBALANCE



STATIC IMBALANCE

What is EconoBalance?

COATS EconoBalance is an alternate approach to balancing a tire and wheel assembly. The technology, which has been used for some time in European balancers, seeks first to eliminate the static imbalance in a wheel assembly, then based on several parameters, calculates the minimum amount of corrective weight needed to bring dynamic imbalance within acceptable limits.

What are the benefits of COATS EconoBalance?

Balancing wheel assemblies using COATS EconoBalance often results in the application of less corrective weight. In addition to the potential direct savings in wheel weights, there is a potential productivity savings due to a reduction in the number of "re-spins" necessary to achieve an acceptable balance condition. And since EconoBalance eliminates most subjective decisions from the balancing process, it provides a quick and effective means for training new technicians.

Is EconoBalance right for every balance job?

Probably not. Particularly sensitive vehicles (or customers) may be best served using conventional balancing modes. However, unlike similar systems, COATS EconoBalance can be tailored to fit the profile of the work that typically comes through your shop, helping you to strike a balance between cost savings and comeback prevention.

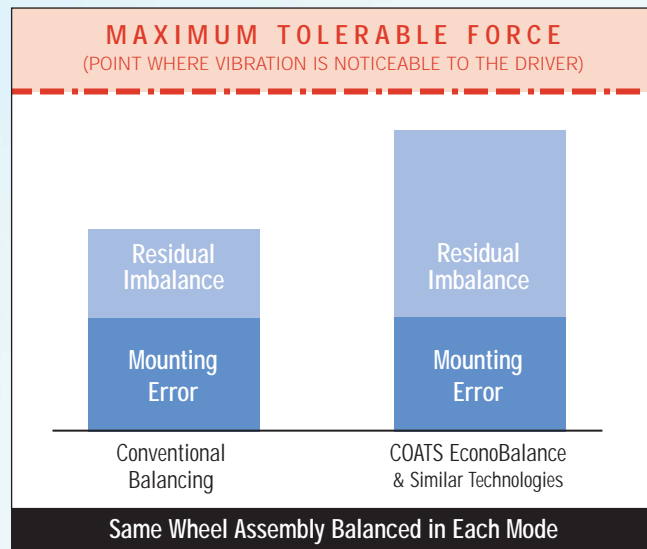
Things to remember when using COATS EconoBalance

Mounting and centering are even more critical.

Most vibration customer comebacks (60 percent) are due to improper wheel mounting on the balancer, clamping error, and/or damaged or worn cones, spring, or shaft. Use the proper adapters, and replace them diligently as they wear.

A statically balanced assembly is not necessarily dynamically balanced, but a dynamically balanced assembly is always statically balanced.

Only COATS offers the best of both alternatives – EconoBalance for cost savings, productivity and training, and Static-on-Screen™ functionality to identify and resolve excess residual static imbalance in conventional balancing modes.



EconoBalance and similar technologies create higher imbalance residuals than those of conventional balancing modes. Given typical mounting error tolerances, it is critical to use the proper mounting and centering adapters in order to prevent customer comebacks.

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