



King Pin Gauging System



Documented Results.

ISO 9001:2008
CERTIFIED COMPANY

PATENT PENDING

90 YEARS EXPERIENCE. PROVEN RESULTS.

Bee Line is the world's leading manufacturer of Wheel Alignment, On-truck Tire Balancing and Frame Correction Equipment for Heavy Duty Trucks and Trailers.

Located in Bettendorf, Iowa USA, Bee Line designs, manufactures and sells a variety of cutting edge products while providing unparalleled training and customer service to its valuable clients around the world.

With an absolute commitment to superior products, Bee Line utilizes the finest materials, advanced technologies and proven processes to deliver long-lasting, reliable performance.

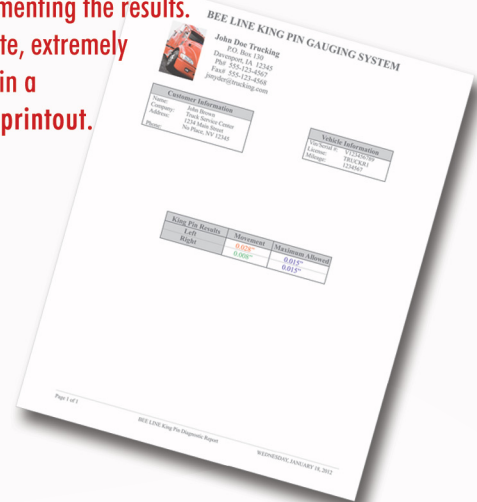
Bee Line applies the technology and expertise gained in the very demanding commercial vehicle industry to offer a full range of products to service every application.

SYSTEM OVERVIEW

GAUGE AND DOCUMENT KING PIN TOLERANCE

The Bee Line King Pin Gauging System was developed to meet the need of repair shops performing steer axle inspection and maintenance. The King Pin Gauging System was engineered to work in conjunction with Bee Line's exclusive software, electronically measuring King Pin bushing movement and then documenting the results. KPGS readings are accurate, extremely repeatable and available in a customizable hard copy printout.

Patent Pending.



KEY FEATURES

DOCUMENTED RESULTS

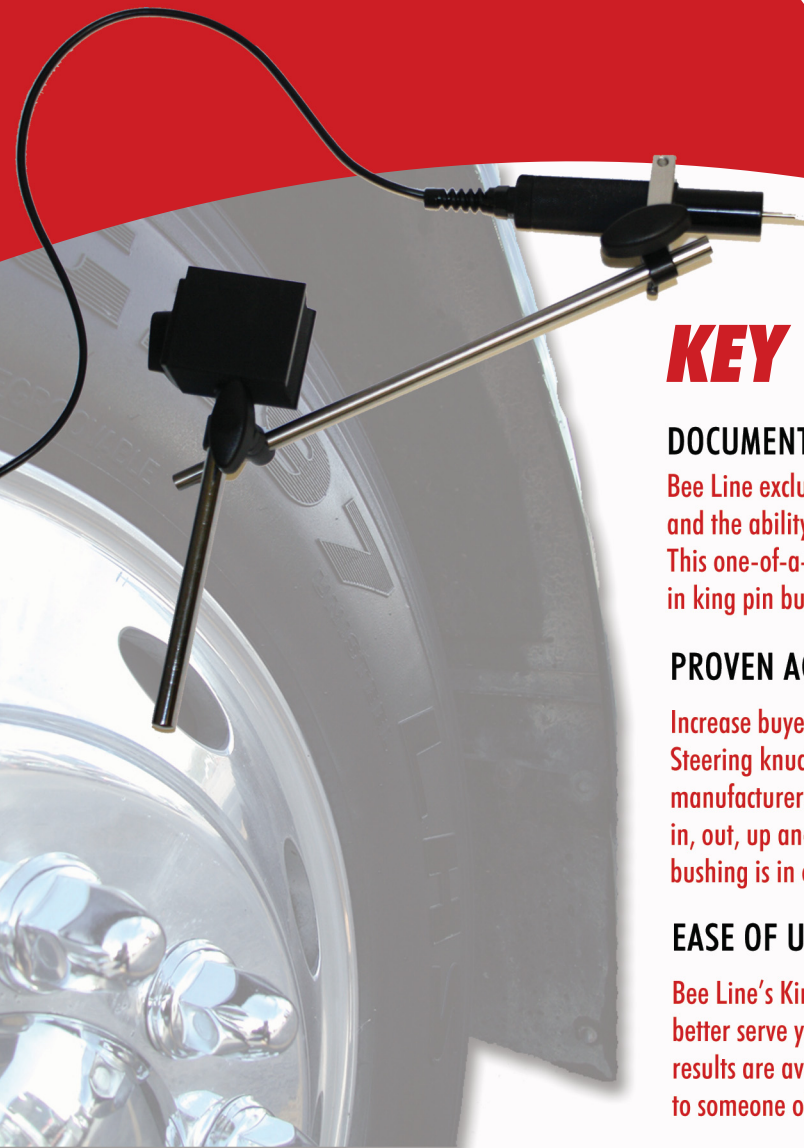
Bee Line exclusive software technology affords the measurement, recording and the ability to print out the results of a computer-driven king pin inspection. This one-of-a-kind software was developed to electronically record the movement in king pin bushings to determine if replacement is needed.

PROVEN ACCURACY AND REPEATABILITY

Increase buyer confidence and add credibility to results with computer measured tolerance. Steering knuckle to axle end play industry standards have been set by TMC and Axle manufacturers to insure safety. The King Pin Gauging System accurately records in, out, up and down movement of the steering knuckle, indicating whether a king pin bushing is in or out of tolerance.

EASE OF USE

Bee Line's King Pin Gauging System can be quickly and easily installed, allowing you to better serve your customers. What was once a two man job, can now be done by one. The results are available instantly and can be handed to a waiting customer or electronically sent to someone off-site.





ELECTRONIC INDICATOR

ACCURATELY MEASURES MOVEMENT

Bee Line designed the electronic indicator to allow technicians an accurate way to electronically calculate in, out, up and down movement of the steering knuckle on heavy duty trucks. When performing an inspection, Bee Line's exclusive software design provides the option to print or, when used with an LC7500 Series Bee Line Computer Alignment System, to save the recorded readings with the vehicle's alignment data for future reference.



REMOTE DISPLAY

CONTROL THE SOFTWARE FROM UNDER THE TRUCK

An exciting option for the Remote Display is the ability to control Bee Line's exclusive King Pin Gauging software remotely, which allows technicians to measure movement while remaining under the vehicle. When performing an inspection, the advanced software design provides the option to print or, when used with an LC7500 Series Bee Line Computer Alignment System, to save the recorded readings with the vehicle's alignment data for future reference.



Bee Line's own EXCLUSIVE design delivers consistent accuracy using state-of-the-art technology. The Bee Line King Pin Gauging System greatly reduces set-up time and labor and results can be documented to secure credibility.

For 90 years, Bee Line Company has remained intensely committed to providing world class equipment, unparalleled technical expertise and total customer service.

A **McLAUGHLIN** Company



2700 62nd Street Court • Bettendorf, Iowa USA

800-728-7828 • www.beeline-co.com