



Hendrickson Bolster Springs used on the HN® and HAULMAAX® suspensions have redefined the way in which rubber springs perform. The unique designs and high grade rubber withstand heavy loads in rugged applications. Correct setup and regular inspections are key in maintaining optimum bolster spring and suspension operation. To help ensure high end user satisfaction and peak system performance, Hendrickson supplies the same genuine components for service requirements as installed on the original suspensions with the same design, construction and performance.

HN BOLSTER SPRINGS



- Proprietary rubber compounds are used to provide ideal articulation and ride quality
- The VARIRATE® spring system combines auxiliary springs with the bolster springs to create a more comfortable ride quality while either empty or loaded
- As payload increases, the bolster springs continue to compress until the auxiliary springs engage. This produces a secondary system stiffness that provides extra ride stability under loaded conditions
- HN bolster springs also absorb vertical road inputs and fore/aft shock to deliver superior driver comfort and handling



HAULMAAX BOLSTER SPRINGS



- HAULMAAX bolster springs work in conjunction with the auxiliary springs and shim plates to provide outstanding ride quality in both the loaded and unloaded conditions
- Auxiliary spring shims can be adjusted for different empty body weights, making HAULMAAX suspensions another ideal choice for trucks being used in varying applications



HAULMAAX Bolster Spring Tie-Bar Design

- A tie-bar version is available for the 40,000 pound capacity HAULMAAX suspension and is mandatory on the 46,000 pound version
- Achieves greater bolster column stiffness
- Improves suspension performance even when axles are misaligned
- Remains consistent with the ride quality and stability of the original design



To learn more about Hendrickson Genuine Parts, call 1.866.755.5968 or visit www.hendricksonparts.com

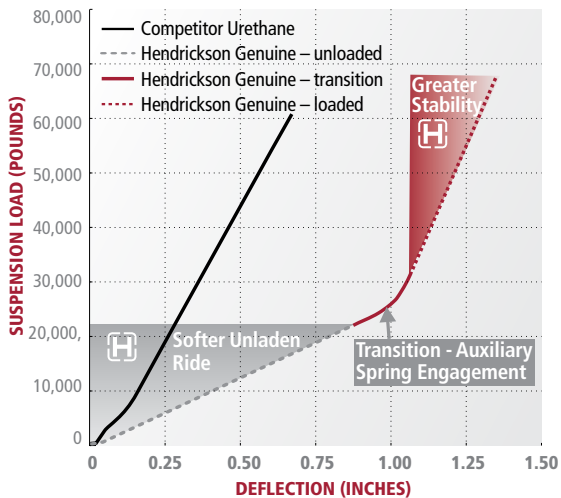
GENUINE PARTS Bolster Springs

SHEAR AND COMPRESSION BOLSTER SPRING LOADS

The shear load component enables high suspension articulation and a lower unladen suspension spring rate. The compression load component allows the suspension to carry heavy loads. Trust genuine Hendrickson bolster springs to deliver these benefits and enable HN and HAULMAAX suspensions to operate and perform as designed.

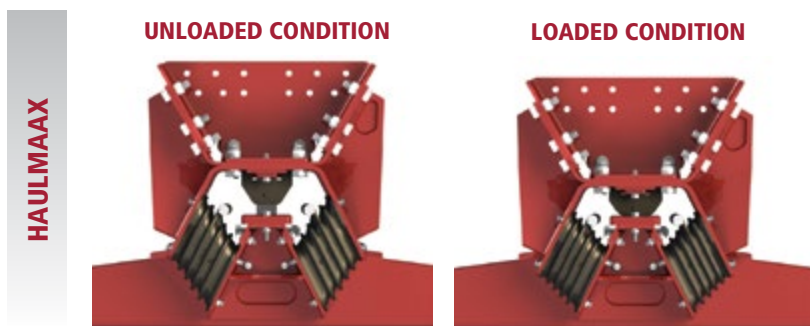
HN BOLSTER SPRING SYSTEM STIFFNESS

Hendrickson Genuine VS. Competitor Urethane



Above data is based upon internal testing. Actual product specifications and performance may vary on suspension and vehicle configuration, operation, service and other factors.

For optimum performance, HN and HAULMAAX suspensions require a soft spring rate when unloaded and a stiff spring rate when loaded. Typical competitor urethane bolster springs do not meet the Hendrickson's spring rate criteria, and will void any applicable Hendrickson warranty. In addition competitor urethane bolsters can degrade ride quality and create excessive stress on the suspension. Hendrickson does not authorize the use of competitor urethane components in any HN or HAULMAAX suspension system.



Bolster Spring Service Kits



HAULMAAX Tie-bar Service Kit 64179-048

- 2 Tie-bar Bolster Springs
- 1 Bolster Spring Spacer
- 1 Wear Plate
- 1 Tie-bar Bolt
- 9 Flange Nuts



HAULMAAX Service Kit 64179-049

- 2 Bolster Springs
- 1 Bolster Spring Spacer
- 1 Wear Plate
- 9 Flange Nuts



HN (Feb. 1996 to Current) Service Kit 60879-000

- 2 Bolster Springs

HN (Nov. 1988 – Feb. 1996) Service Kit 64718-000

- 2 Bolster Springs

Bolster springs should always be replaced with Hendrickson genuine bolster springs and in pairs per beam. See details in Hendrickson technical publication numbers 17730-227 (HN) and 17730-244 (HAULMAAX). Look for more information on Hendrickson products online at www.hendrickson-intl.com.

Call your truck dealer or Hendrickson at **1.866.755.5968** (toll-free) or **1.630.910.2800** for additional information.



www.hendrickson-intl.com

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