

# Equalizing Beams

**With Rotating Bar  
Pin End Bushing**

*Introducing . . .*

## Genuine Hendrickson Equalizing Beams with Hendrickson's Patented Rotatable Bar Pin End Bushing!

Hendrickson supplements their Genuine Parts portfolio with the addition of the renowned Hendrickson Equalizing Beam complete with the innovated patented Rotating Bar Pin End Bushing for quick and easy installation. With the Hendrickson Equalizing Beam and Rotating Bar Pin End Bushing combination you'll never fight axle pinion angles again when replacing select HAULMAAX®, HN® and R Series equalizing beams.

Hendrickson is committed to improving vehicle uptime. By providing service beams with the patented rotating bar pin end bushing, improved uptime is achieved. No special tools are required; a standard shop wrench will rotate the bar pin to match the vehicle's pinion angle. Creating a perfect installation the first time . . . every time.

Maintain the vehicles original handling, stability, ride and payload characteristics while improving vehicle uptime by using Hendrickson genuine equalizing beams with rotating bar pin end bushings.



**HAULMAAX®**



**HN®**



**R™ Series**

To learn more call 855.743.3733  
or visit [www.hendrickson-intl.com](http://www.hendrickson-intl.com)

 **HENDRICKSON**  
Genuine Parts

# Equalizing Beams and Rotating Bar Pin End Bushing Features and Benefits

## Fabricated Equalizing Beams

FEATURES	BENEFITS
The exact equalizing beam used in production.	Provides the structural integrity and functionality to maintain original system performance.
	Designed, tested and validated to strict Hendrickson and OEM specifications and standards.
Hendrickson equalizing beams are made of a high strength steel formula exclusive to Hendrickson.	Enables long component service life and a lightweight design for greater payloads.
Hendrickson utilizes proprietary manufacturing and material preparation processes.	Increases fatigue life which equates to longer service life of the equalizing beam.
The equalizing beam is 100 percent robotically welded.	Delivers consistent and accurate weld penetration further leading to improved service life and peace of mind.

## Rotating Bar Pin End Bushing\*

FEATURES	BENEFITS
Bar pin rotates.	Easy alignment to axle bracket pinion angles for quick installation.
	The bushing is never pushed in at the incorrect angle, driving down "re-do's" and scrap levels.
Bar pin locks into place once under load – patented feature.	Longer component life – bar pin will not move back and forth in the bushing creating inner bushing wear and stress on the axle bracket.
Proprietary rubber material and bonding composition.	Longer life bushing to reduce cost of ownership. Absorbs horizontal, vertical and torsional roll forces.
Hendrickson quality seals.	Keeps harmful contaminants out to ensure longer bushing life.
Shim-able bar pin.	The bar pin accommodates shims that are part of the bushing kit that allow up to +/- 3/16" axle alignment. This enables longer component and tire life.

\* Rotating bar pin end bushings can be sold separately - P.N. 34013-188L

## Equalizing Beam Part Numbers

Production Part Numbers	Replace With	NEW Service Part Numbers	Description**
64846-001	→ →	080225-001	HMX460 54" Beam Assembly w/Shock Bracket
64847-001 and 4	→ →	080226-001	HMX460 54" Beam Assembly w/o Shock Bracket
58494-002	→ →	080227-002	HN462 54" Beam Assembly
57889-008	→ →	080228-008	HN402 52" Beam Assembly
50501-015	→ →	080476-015	R463 52" Beam Assembly (RT, RS, R suspensions – bronze ctr. bush.)
50501-017	→ →	080476-017	R463 54" Beam Assembly (RT, RS, R suspensions – bronze ctr. bush.)

\*\* Beam lengths are determined by measuring the distance from the spindle center of the front drive axle to the spindle center of the rear drive axle.

Call Hendrickson at **630.910.2800** or **855.RIDERED (743.3733)** for additional information.



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