

THE DRIVELINE EXPERTS

# **Rite-Align**® Self Aligning Center Bearing

- Self-Aligning Center Bearing allows up to +/- 10° angularity
- Patent-Pending Design
- Tested and Proven
- Outperforms the Leading Competitor's OE Product Not ONLY Better, but Consistently Better!





Manufacturing Driveline Solutions<sup>®</sup> in the USA Since 1921.

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## Neapco Rite-Align<sup>®</sup> Self-Aligning Center Bearing

Neapco's Rite-Align<sup>®</sup> center bearing is designed, engineered, tested, and proven to provide premium performance. Rite-Align is easy to install and maintains the appropriate angle on the driveshaft to ensure optimal life of the shaft and components, respectively.

Neapco's Rite-Align center bearing has been tested and proven to outperform the leading competitor's product, based on samples tested. The results showed the Neapco Rite-Align center bearing performance is not only better, but consistently better. Meaning every Rite-Align sample tested, outperformed the competitive product tested.

Test market customers told us the installation was easy and the product looked, felt, and performed better than their previous supplier's product. When coupled with Neapco's, market leading, pre-straightened tubing, things become easier and more efficient.

#### Features, Advantages, and Benefits

- Allows for +/-10 degrees of angularity, to provide optimal alignment to the driveshaft. (See illustrations below)
- Patent-pending design ensures cushion position stability at angles.
- Durometer and design of the cushion provide the durability needed to maintain the alignment, thus extending the life of the bearing and the driveshaft, respectively.
- Enhanced, newly formulated elastomers reduce NVH to provide smoother, quieter operation and owner satisfaction.
- Double sealed bearing means double protection from environmental contaminants and helps to provide optimal performance and extended life of the bearing.
- Thicker steel bracket for better strength and durability.

#### Part#: N10094142

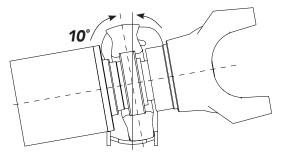


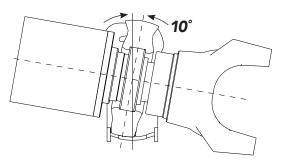
#### **Key Installation Tips**

#### (not inclusive of all instructions)

Please read and follow instructions included in every box. Initial installation position and process is vital to ensure product longevity and customer satisfaction.

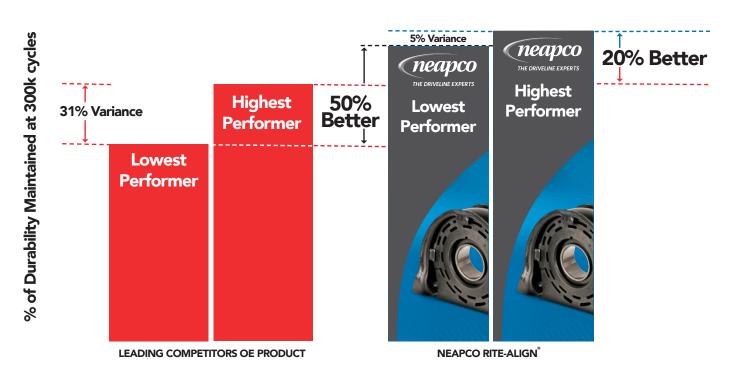
- Position center bearing assembly and install (loosely) the bolts to the cross member.
- Let the driveshaft then move to its natural neutral position, then secure that natural neutral position of the shaft by tightening the bolts to the frame.
- In the shaft's natural neutral position, the bearing should be perpendicular (90 degrees) to the tube of the shaft.





### Neapco Rite-Align<sup>®</sup> Center Bearings Consistently Outperform the Leading Competitor. Tested and Proven!

Durability\* and Consistency Variation (tested at 10° angle) Neapco is not ONLY better, but *CONSISTANTLY* better!



\*Durability = a measurement (%) of material stiffness and stability maintained over time. Based on samples tested.

## Tested and Proven to Outperform the Leading Competitor's OE Product.

- Neapco's Lowest Performer outperformed the competitor's Highest Performer.
- There is a 20% difference (in Neapco's favor) between the competitor's Highest and Neapco's Highest Performer.
- There is a 50% difference (in Neapco's favor) between the competitor's Lowest and Neapco's Lowest Performer.

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- Neapco's performance was consistent. Only a 5% variance.
- Competitor's performance was inconsistent. Results varied by 31%.

### The Neapco Rite-Align Center Bearing is not only better, it is *consistently* better!

It's time to Align with a better product. Trust Neapco Rite-Align Center Bearings for OPTIMAL PERFORMANCE.



# WE OUTPERFORM OUR COMPETITION, SO YOU CAN OUTPERFORM YOURS.

#### Designed, Engineered and Manufactured to meet or exceed OE Performance Specifications.

- HOT FORGED CROSS heat treated to proprietary levels to provide optimal strength and endurance for the intended, specific application.
- PRECISION GROUND JOURNALS provide exceptional strength, durability and load distribution to extend life.
- PREMIUM SEALING SYSTEM with needle bearing retainer to keep lube in and environmental contaminants out, while holding needle bearings in optimal position for peak performance and extended life of the joint.
- PRECISION ENGINEERED, EXTENDED LENGTH NEEDLE BEARINGS that enhance load distribution and durability for extended life.
- GLASS IMPREGNATED NYLON THRUST WASHER eliminates metal to metal contact between the bearings and the cap, to minimize heat and maximize life.
- PRECISION GROUND BEARING CAP OD for exact OE press-fit into the yoke.
- OE-STYLE SNAP RING RETENTION SYSTEM holds the bearing caps in optimal position for peak performance.

### INTRODUCING THE NB350 Neapco OE Series





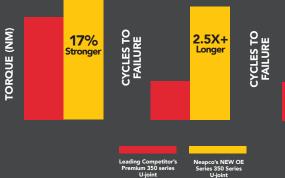


LOW-CYCLE FATIGUE

HIGH-CYCLE FATIGUE

2.5X+

Longer







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