

# New Red 375 Series Wheel End Seals

NOW AVAILABLE FOR SPECIFIC APPLICATIONS

**DYNAMIC  
EDGE**  
TECHNOLOGY

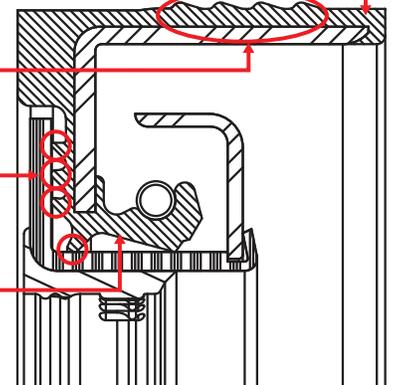
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Introducing the latest addition to the National<sup>®</sup> DYNAMIC EDGE<sup>®</sup> oil seal line – the Red 375 Series featuring application-specific hand installable design. The DYNAMIC EDGE<sup>®</sup> innovative technology is engineered to deflect dirt and moisture away from wheel end components. The new hand installable feature eliminates the need for an installation tool, making the job faster and easier.

## DYNAMIC EDGE<sup>®</sup> FEATURES

1. Long lead-in pilot to aid initial installation
2. Unique four-rib sawtooth profile for easy install
3. Four floating points of contact deflect dirt and moisture
4. Same rubber used in Red 37 Series but now configured for easier installation



## Installation as easy as:

1 Lubricate



2 Align the seal



3 Push down to install



## Now available in the five most popular part numbers:

375001A

375023A

375065A

375003A

375025A

[DRivheavydutyparts.com](http://DRivheavydutyparts.com)

The logo for National Oil Seals, featuring a large white semi-circle above the text "National<sup>®</sup> Oil Seals" in a bold, red, sans-serif font.

**National<sup>®</sup>**  
**Oil Seals**

# NATIONAL® HAND INSTALLABLE OIL BATH SEAL INSTALLATION INSTRUCTIONS



After placing the wheel hub assembly flat or at a 45 degree angle:

1. Inspect the hub and ensure it is free of dirt, rust, sharp edges and scratches. **Cleaning the hub ID with an emery cloth is highly recommended.**
2. Evenly spread the bearing lube over the seal O.D. and I.D. Also be sure to apply a layer of lubricant on the inside of the bore, where the seal will be pressed into place. **The seal should never be installed dry.**
3. Position the seal on top of the bore and press down evenly with both hands. A rubber mallet may be used to lightly tap the seal until the seal is positioned squarely in the bore and bottomed out.
4. Allow the seal to sit in the bore for at least 5 minutes before mounting the hub assembly on the spindle. Wipe off any excess oil after the seal is installed.

**CAUTION: Do not install the National® seal directly onto the spindle. Replace the seal if it is damaged or cocked during or after installation. If the surface finish is excessively rough, then a tool may be required to install.**

