



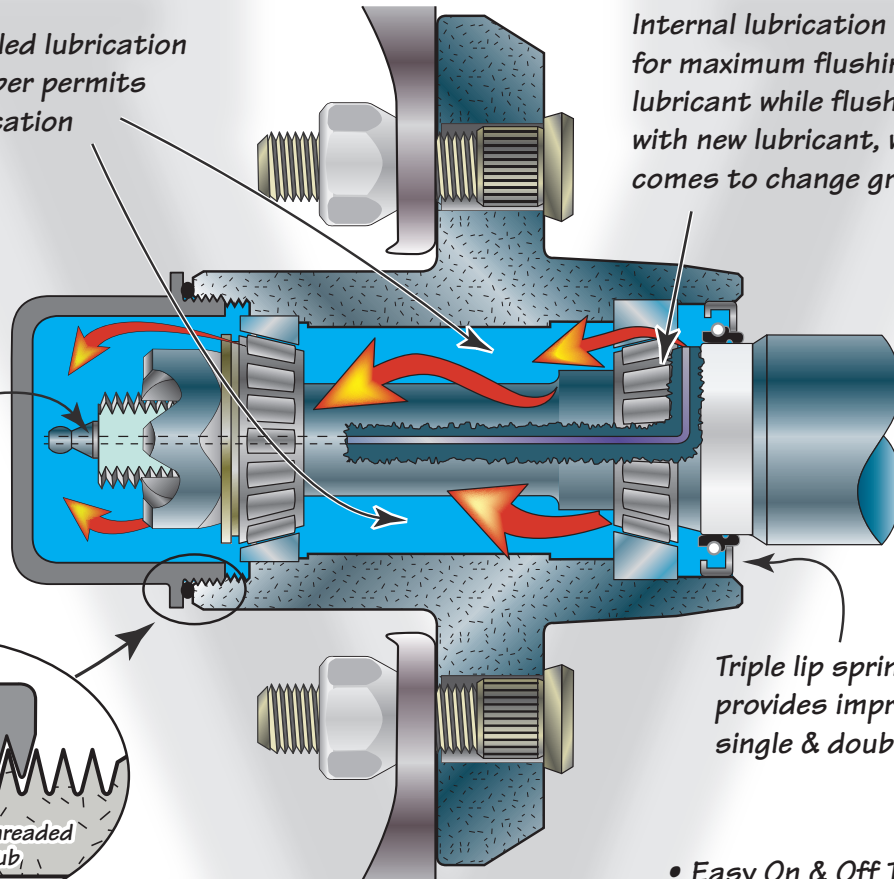
OEM HIGH PERFORMANCE 100,000 MILE LUBRICATION SYSTEM

With **LUCAS OIL** Premium Marine Grease,
A Lithium Complex Fortified Grease with Rust and Oxidation
Inhibitors, High Pressure Additives That Provide a High
Degree of Water Resistance and Washout Properties

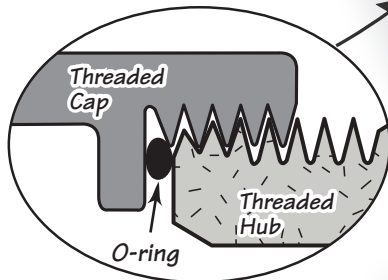
Completely sealed lubrication
reservoir chamber permits
maximum lubrication

Internal lubrication channel allows
for maximum flushing of the existing
lubricant while flushing the system
with new lubricant, when the time
comes to change grease

Easily accessible
internal lubrication
port fitting



Triple lip spring loaded seal
provides improved sealing over
single & double lip seals



Threaded cap for easy removal
and easy re-installation

- Easy On & Off Threaded Cap
- No Special Tools Needed
- Reusable Cap is Strong and Unbreakable!

Hub Grease Manufactured
by:



- 100,000 mile or 6 year limited warranty* (no extra cost!)
- "No Touch" lubrication system
- No maintenance/service for lower operating costs
- No need for periodic re-greasing or inspection
- Reusable dust cap is threaded for easy removal should the need occur.

* 1 year on parts/labor, 5 additional years on parts

TIE DOWN ENGINEERING • 255 Villanova Drive SW • Atlanta, GA 30336
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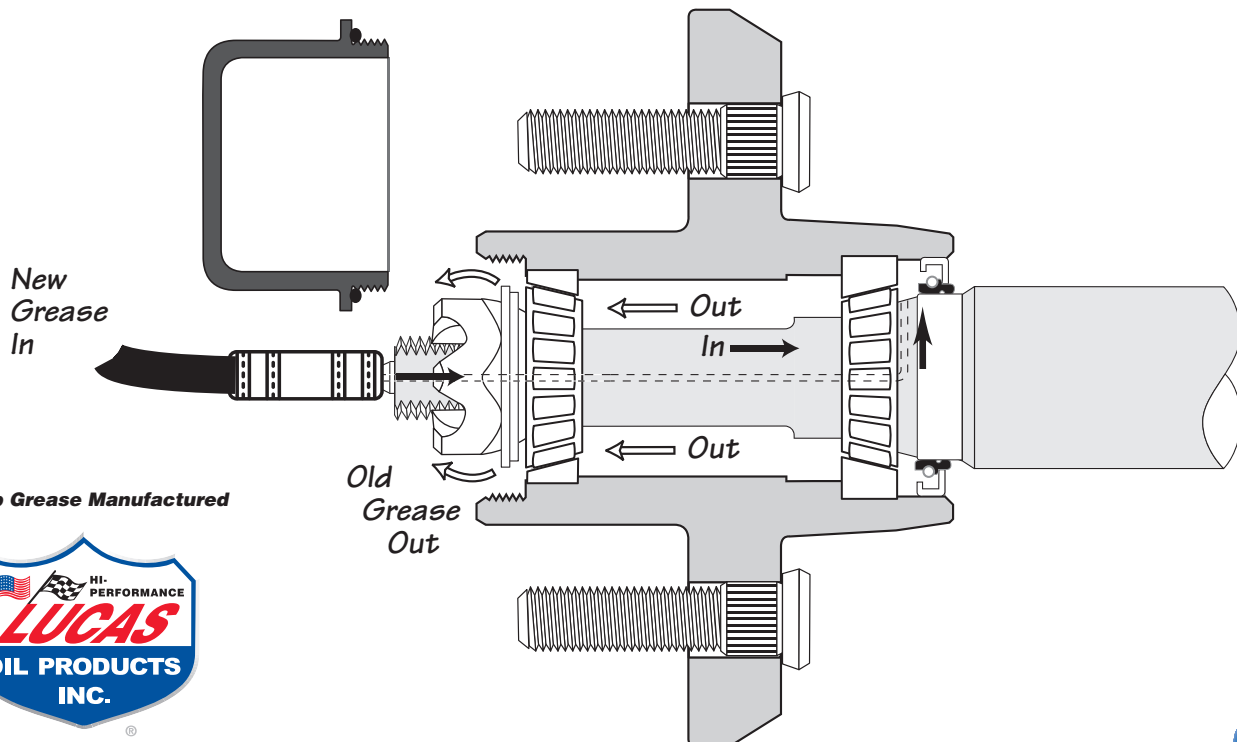
OEM HIGH PERFORMANCE 100,000 MILE LUBRICATION SYSTEM

**With *LUCAS OIL* Premium Marine Grease,
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Vortex Lubrication System

Your hub/spindle is equipped with Tie Down Engineering's Vortex Lubrication System. While the Vortex Lubrication System is designed not to be touched, there could be a time where it will be necessary to change or add new grease. The bearings can be lubricated without removing the hubs from the axle. The advantage to this system is that new grease saturates the inner bearing and outer bearing while pushing out the existing grease, unlike systems that just push new grease on top of old grease. This insures that the hub cavity is completely filled with new grease, if ever required.

1. Remove the threaded grease cap.
2. Use a standard grease gun by attaching to the grease fitting located at the end of the spindle confirming the grease gun nozzle is engaged on the fitting tightly.
3. Pump grease into the fitting. Grease will flow out of the hub around the spindle.
4. When the grease appears to be the new clean grease, remove the grease gun and wipe off any excess grease.
5. Replace screw on cap. When the O-ring and hub meet, turn 1/4 more to secure the cap.
6. To maintain your warranty, should you add or change grease, Marine Grade "Lucas Oil" must be used.



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