



# XL PRO-LUBE™

OIL LUBRICATION SYSTEM

## INSTALLATION INSTRUCTIONS

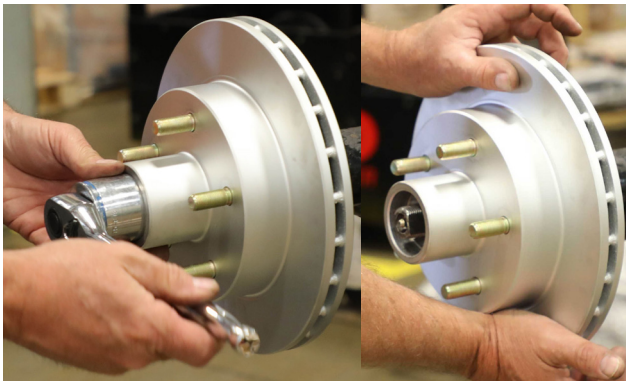
**XLPROLUBE1980-K 1.98" CAP XL PRO-LUBE KIT**  
**XLPROLUBE2440-K 2.44" CAP XL PRO-LUBE KIT**

1. Jack up trailer following the trailer manufacturing instructions for lifting and supporting the unit. Ensuring adequate capacity jack stands are used.

### CAUTION

**DO NOT LIFT OR SUPPORT THE TRAILER ON ANY PART OF THE AXLE OR SUSPENSION SYSTEM. NEVER GO UNDER ANY TRAILER UNLESS IT IS PROPERLY SUPPORTED ON JACK STANDS WHICH HAVE BEEN RATED FOR THE LOAD. IMPROPERLY SUPPORTED VEHICLES CAN FALL UNEXPECTEDLY AND CAUSE SERIOUS INJURY OR DEATH.**

2. Remove the tire and wheel assembly following the trailer manufacturer's instructions.
3. Remove the old bearing protector or dust cap with a rubber mallet. Hit the outer edge in a downward motion with a rubber mallet. Rotate the hub 180° and hit again. Generally, this takes 5-6 taps of the mallet.
4. Remove spindle nut hardware and outer bearing, then remove the hub from the spindle.



5. Remove the seal and inner bearing from the hub assembly.



6. Clean bearings and hub thoroughly with a degreaser to ensure no old lubrication exists. If there are signs of corrosion or wear, replace the affected parts before continuing the installation.



7. Install inner bearing into hub assembly.



8. Lightly lubricate the outer diameter of the seal, then seat it into the hub. Lubricate the inner diameter of the seal, ensuring the seal is fully seated.



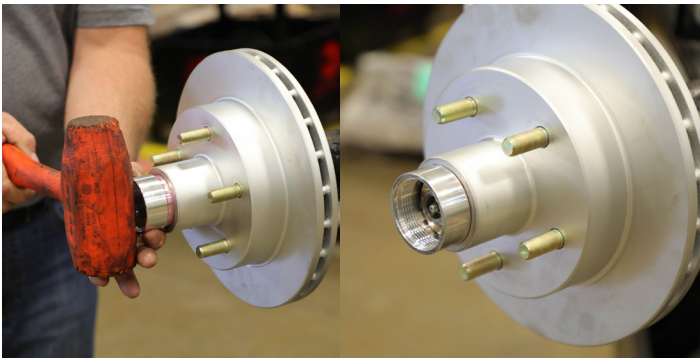
9. Clean and remove old grease from the spindle. Check for any noticeable wear or rust. Check the spindle shaft for grooves worn by the old inner seal. Smooth out grooves if present according to manufacturer's specifications.
10. Install the hub assembly onto the spindle. Take care not to damage the inner seal during this process. Install outer bearing and spindle nut hardware. Follow the manufacturer's instructions for hub and bearing service.



11. Ensure the opening of the hub is clean. Apply a small bead of red sealant on the cap's aluminum housing mating surface.



12. Then install it onto the hub using a hammer with a block of wood or a mallet. Apply firm straight blows until the aluminum housing is fully seated. Wipe off any excess red sealant.



13. Screw the blue plastic cap onto the aluminum housing. Only use a genuine Kodiak cap. Off-brand caps may look the same but have incorrect threading, causing leaking or damage.



14. Tighten the cap with a wrench or channel-lock-type pliers. Proper cap torque will be approximately 15 ft-lbs., or "wrist tight." The O-ring seal should be snugly seated against the hub but not so tight that the O-ring is extruded or distorted. After the first road test, recheck the cap torque and re-snug if needed.
15. Remove the rubber plug from the cap. Lift the top of the XL Pro-Lube lubrication bottle open and insert into the lower section of the hole. Rotate the wheel to ensure lubrication has reached the inner seal and bearing. Replace the rubber center plug. Check the oil level and refill if necessary before every trip.



16. Reinstall the wheel and tire assembly per the trailer manufacturer's instructions.