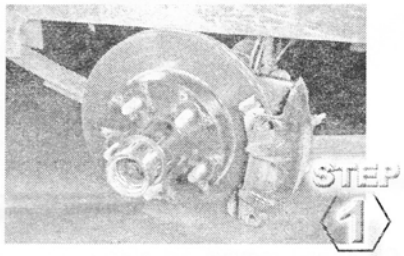
KODIAK
TRAILER DISC BRAKES

INSTALLATION INSTRUCTIONS (Steps 1-8)

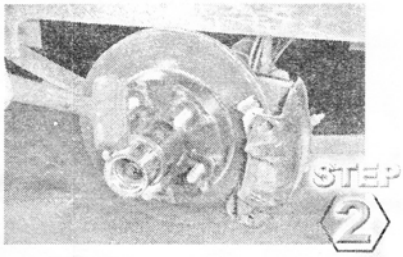
Before installing Kodiak **XLPROLUBE KIT**, please consult the appropriate vehicle manufacturers instruction manuals for specific installation information.

Package Contents:
- 2 each Aluminum Body with Polycarbonate cap
- 2 each Oil Seal
- 1 pkg Red Sealant
- 1 8oz Bottle of Kodiak Bearing Lube

Ensure the size of the axle and the rear seal are correctly matched. These are the most common rear seals for trailer spindles.
ALWAYS WEAR SAFETY GLASSES.

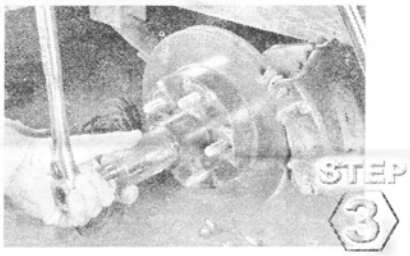


Confirm trailer and trailer axle are properly supported and on a level surface before initiating work. Remove tire and wheel assembly from hub.

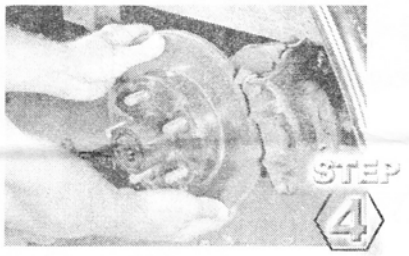


Remove old bearing protector or dust cap. To remove bearing protector strike outer edge in a downward motion with a rubber mallet. Rotate the hub 180° and strike again. Repeat above until part is loose. Generally this can be done in 5-6 taps of the mallet.

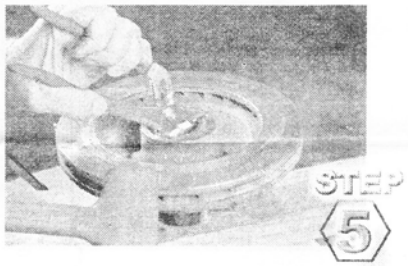
ALWAYS WEAR SAFETY GLASSES.



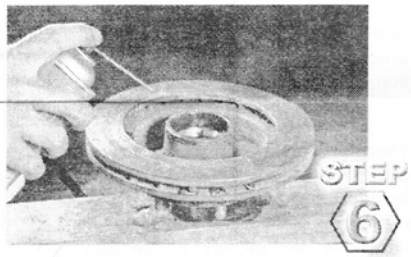
Remove the cotter key or flange washer, spindle nut, thrust washer, and outer bearing.



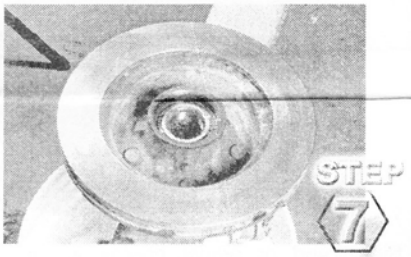
Remove the hub, hub/rotor, or hub/drum from spindle.



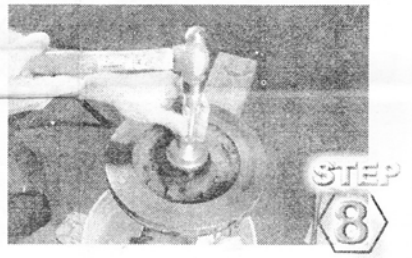
Remove the old seal.



Clean all parts (bearings and hub) thoroughly with degreaser.



Check bearings and bearing cones for signs of corrosion or wear. Remove and replace the affected parts as necessary before continuing the installation. Install inner bearing.



Install new XL PROLUBE SEAL after inner bearing is in place. Lightly lubricate seal O.D. with a small amount of Bearing Lube. Install Seal with care. If bent in any way, it must be discarded. Make sure the seal is fully seated in place. Lightly lubricate the I.D. of seal with a small amount of Bearing Lube for ease of installation onto the spindle

KODIAK TRAILER DISC BRAKES

XL Pro Lube Kit

INSTALLATION INSTRUCTIONS (Steps 9-15)

Before installing Kodiak **XLPROLUBE KIT**, please consult the appropriate vehicle manufacturers instruction manuals for specific installation information.

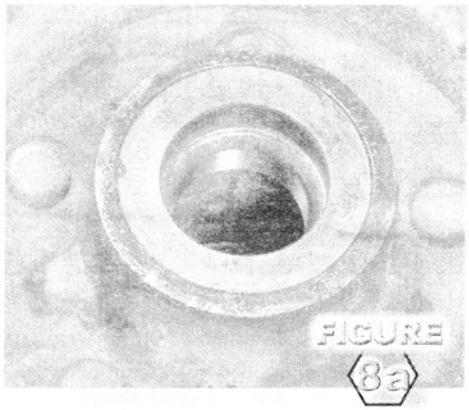
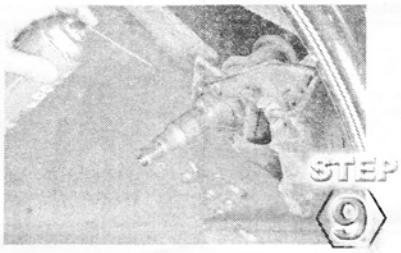
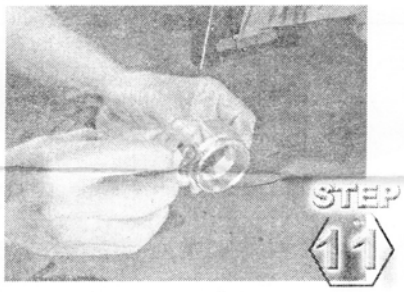


Photo above shows a correctly mounted and seated inner seal.

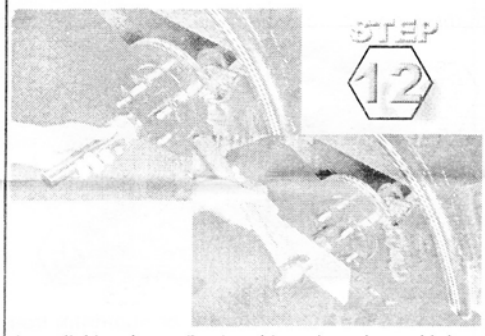


Clean and remove old grease from spindle. Check for any noticable wear or rust. Run fingernail along spindle shaft to check for grooves worn by old inner seal. If grooves are present, smooth out according to manufacturer's specification.

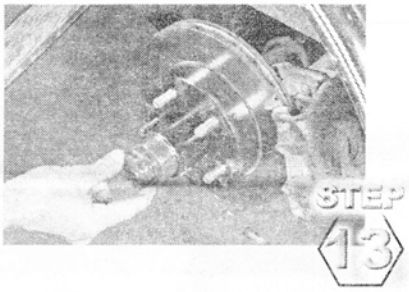
Replace the hub, hub/rotor, or hub/drum onto spindle. Take care not to damage inner seal during this process. Install outer bearing, thrust washer, cotter key or flange washer, and spindle nut. Follow trailer or hub manufacturers recommendations for tightening spindle nut.
DO NOT PRELOAD TRAILER WHEEL BEARINGS



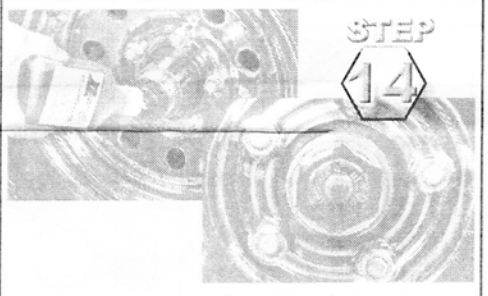
Confirm that the hub I.D. is clean. Apply a small bead of red sealant on mating surface of the aluminum housing that is to be driven into the hub.



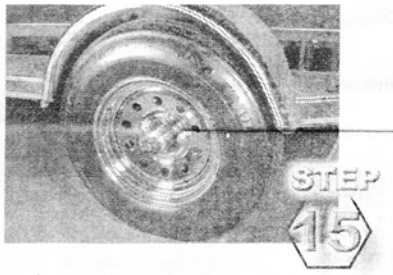
Install Aluminum Body with red sealant. Using a hammer with a block of wood or a mallet, apply firm straight blows until aluminum housing is fully seated. Wipe off any excess red sealant.



Screw Blue Polycarbonate cap onto the aluminum housing (just installed). Tighten Polycarbonate cap until o-ring seal is seated against the hub (Approximately 15 foot pounds of torque).



Remove rubber plug from Blue Polycarbonate cap. Open 8oz bottle of Bearing Lube. Insert tip of Bearing Lube into hole. Fill cap with Bearing Lube to the lower section of the hole. Rotate wheel to insure oil has reached the inner seal and bearing. Re-fill as needed. (Each side should require approximately 2 ounces of Bearing Lube.) Replace rubber center plug. CHECK OIL LEVEL EVERY TIME YOU TOW YOUR TRAILER!



Bleed and or adjust brakes as necessary per manufacturer's recommendation. Install wheel and tire assembly. Torque wheel nuts per manufacturer's recommendation. Take a test drive to check for seal leaks, proper brake operation etc. You can now be rest assured your hub and bearings are protected better than ever against heat, dirt, water and other contaminates.

IMPORTANT SAFETY NOTICE

Appropriate installation, maintenance, and repair procedures are essential for the safe, reliable operation of trailer running gear, as well as the safety of the individual doing the work.

There are numerous variations in procedures, techniques, tools, and parts for servicing hubs, as well as in the skill of the individual doing the work. This instruction sheet cannot possibly anticipate all such variations and provide advise and caution as to each. Accordingly, anyone who undertakes to install, maintain, or repair trailer hubs or brake system components, must first establish that they neither compromise their personal safety nor the vehicle integrity by their choice of methods, tools or parts.

Refer to your trailer manufacturer's owner's manual and other relevant material for additional safety and procedural information prior to performing any service work.

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