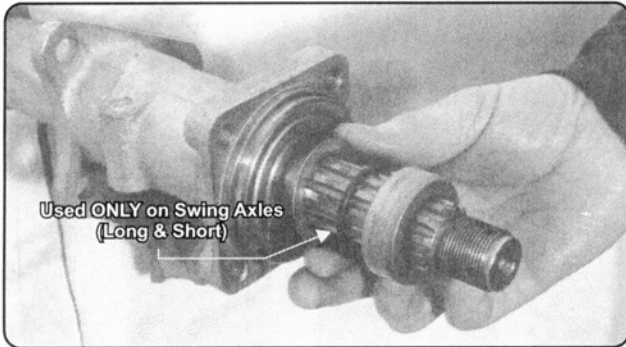


Roto-Hub-Rear-Disc-Brake-Kit

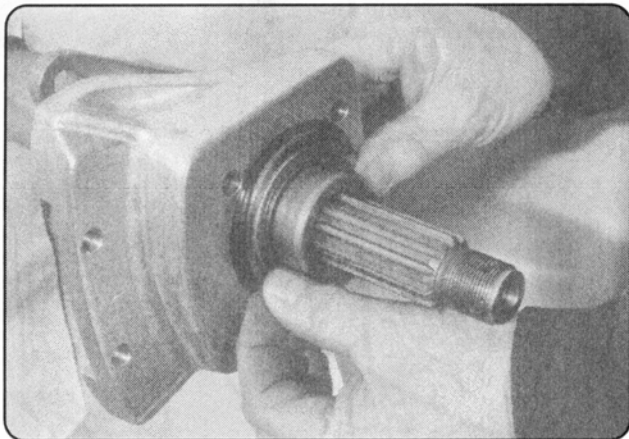
Installation Guide

for IRS, Short, and Long Swing Axle VW Transaxles
without Emergency Brake Cables



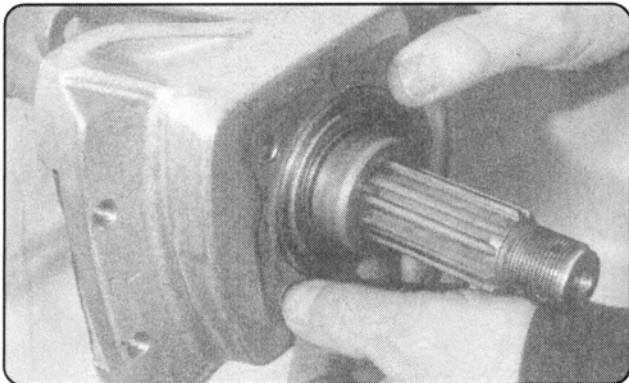
Step 1

Remove the drum brake assemblies including the backing plates and original emergency brake cables. Remove the axle seals and oil deflectors from the bearing/seal retainer caps. Don't throw anything away, you'll reuse your bearing/seal retainer caps and axle nuts. Install the thrust washer, o-ring, and axle spacer. The o-ring is used only on swing axles, the small o-ring is not used on IRS axles.



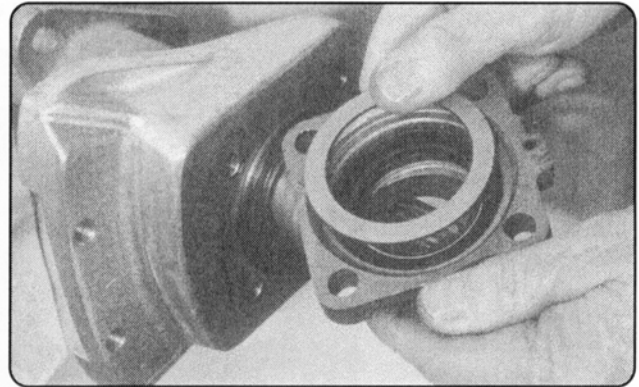
Step 2

Install the aluminum caliper bracket, and larger diameter o-ring onto the axle bearing flange.



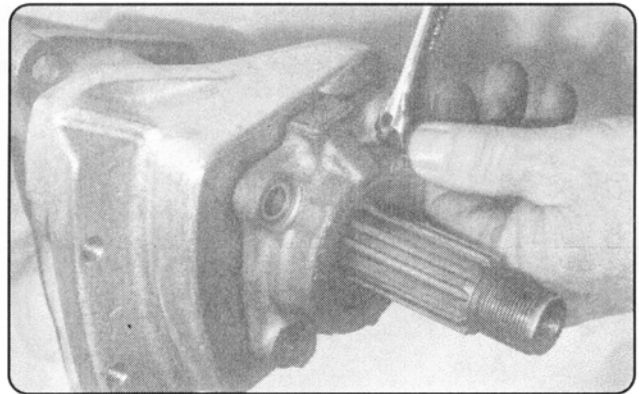
Step 3

Place the paper gasket in position.



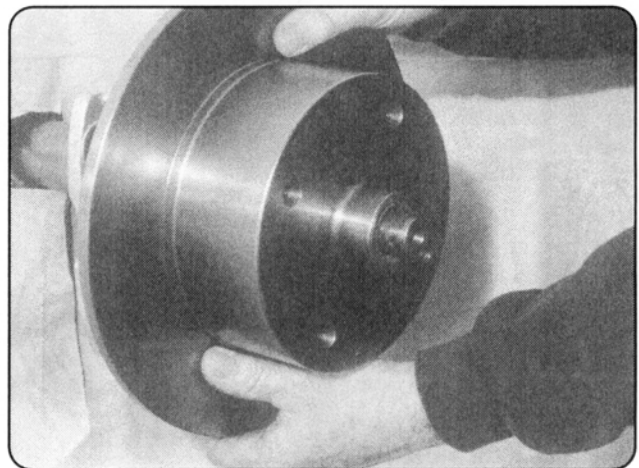
Step 4

Install the oil deflector and axle seal into the bearing/seal retainer cap. Place the spacer shim in the bearing/seal retainer cap.



Step 5

Bolt the bearing/seal retainer cap into position. Torque the bolts to 24 lbs.



Step 6

Slide the Roto Hub onto the axle. Torque the axle nut to 250 lbs. Install the cotter pin.

Use the supplied shims (if necessary) to shim the brake caliper to properly align the brake caliper with the rotor. Secure the shims between the aluminum caliper bracket and the brake caliper.

Bleed the brake system using the top bleeder screw.

Step 7

Locate the caliper over the Roto Hub. Install the two mounting bolts. Depending on exact axle length, it may be necessary to place shims between the caliper and the aluminum mount to assure proper alignment. Torque the mounting bolts to 24 lbs. Connect the brake lines and bleed the system using the top bleeder screw on each caliper.

