



INSTALLATION INSTRUCTIONS

12-1/4" Hydraulic Brake Conversion to Forward Self-Adjust Brake

K71-465-00: 12-1/4" Retrofit Kit

1. Jack up trailer and secure on adequate capacity jack stands. Follow trailer manufacturer's recommendations for lifting and supporting the unit. Check that the wheel and drum rotate freely.

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 wheels and tires. Remove one left and one right brake hub and drum.
3. Inspect brake assembly for worn or broken parts. Replace parts as required.
4. Remove E-ring from anchor post and save. Remove adjuster cable.
5. Remove black adjuster spring, adjuster lever, adjuster lever return spring, and adjuster.
6. Install new adjuster from kit; starwheel is stamped "L" for drivers side and "R" for curb side brake. "L" adjuster is plated with silver zinc and the "R" adjuster is plated with gold zinc. Threads of adjuster should point towards the front of the trailer.
7. Install new adjuster spring into the hole on the primary shoe web (large hook end). Install blue spring on the left or drivers side of trailer. Install black spring on right or curb side of the trailer.
8. Install other end of spring into hole on new adjusting lever from kit. Adjusting levers are marked "LH" and "RH". Pull lever and stretch spring to install lever on the pivot pin. Be sure that pivot pin enters the large hole at the end of the slot on the lever and slides to the bottom of the narrow slot.
9. Install hook end of black extension spring in the primary shoe web.
10. Install the loop end of the black spring onto the cable anchor bracket then place bracket onto anchor post. Lubricate between the cable anchor bracket and the piston stop with high temp grease.
11. Install E-ring on the anchor post.
12. Install new adjuster cable supplied in kit. Lubricate between new cable and cable guide using NLGI #0 Calcium Grease.
13. Pull on adjuster cable to verify that the mechanism is properly working and the lever is rotating the starwheel.
14. Reinstall hub and drum with correct bearing adjustment.
15. Reinstall tires and wheels and properly torque wheel nuts.