

INSTALLATION INSTRUCTIONS



Shoe and Lining Kit for 10" x 1½" Electric Brakes

K71-046-00 Shoe & Lining Kit for one 10" x 1½" Electric Brake

K71-701-00 Shoe & Lining Kit LH for one 10" x 1½" LH Electric Self-Adjusting Brake

K71-702-00 Shoe & Lining Kit RH for one 10" x 1½" RH Electric Self-Adjusting Brake

Notice to Buyer

It is recommended that all four (4) shoe and linings be replaced at the same time to ensure balanced braking performance.

Remove the old brake shoe and linings

1. Jack up trailer and secure on adequate capacity jack stands. Follow trailer manufacturer's recommendations for lifting and supporting the unit.

CAUTION

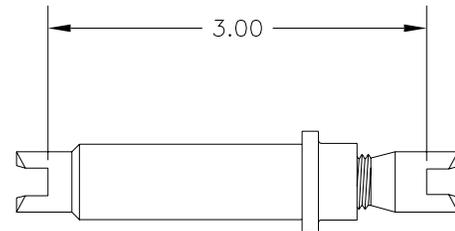
Do not lift or support the trailer on any part of the axle or suspension system. Never go under any trailer unless it is properly supported on jack stands which have been rated for the load. Improperly supported vehicles can fall unexpectedly and cause serious injury or death.

2. Remove the wheel and drum from the spindle, leaving the brake exposed. Then remove and save the retractor springs from the top of the brake.
3. Remove and discard the shoe hold down springs. The hold down pin can then be removed through the rear of the backing plate.
4. Remove and save the adjuster screw and adjuster spring from the brake shoes.

Installing the new brake shoe and linings

1. Assemble the secondary shoe by first installing the new hold down pin through the backing plate and the shoe. The secondary shoe is the shoe with the longest lining, and mounts on the side of the backing plate closest to the rear of the vehicle. On the 10" brake, secure the hold down spring on the end of the hold down pin by replacing the hold down washer.
2. Assemble the smaller, primary shoe by installing the new hold down pin as in step 1.
3. Attach the smaller hook of the retractor spring to the secondary shoe and the longer hook to the anchor pin. Repeat for primary shoe retractor spring.

4. By turning the star wheel, set the length of the adjusting screw (see diagram) to allow for approximately 3" from slot to slot. This will allow for clearance to assemble the drum.



5. Slide adjuster lever spring on secondary shoe pin (behind web) and clip adjuster lever keyhole on the pin top.
6. Slip adjusting screw inside adjuster spring and install adjuster and spring hooks into respective shoe notches. Align lever on upper inside portion of star wheel.
7. Move the magnet and the actuating lever arm from side to side to ensure that it moves freely in both directions.
8. Remount the hub and drum and adjust bearings per Dexter's current Operation Maintenance Service Manual. On manual adjust brakes using a brake adjusting tool, turn the adjuster nut out until the linings create a strong drag on the drum as it is rotated. Back off the adjuster nut 6 to 8 notches so that drum rotates freely.
9. Replace the adjuster plug.
10. After replacement of brake shoes and linings, the brakes must be re-burnished to seat the new components. This should be done by applying the brakes 20-30 times from an initial speed of 40 mph, slowing the vehicle to 20 mph. Allow ample time for the brakes to cool between applications. This procedure allows the new brake shoes to seat in to the drum surface.

Note: The current Dexter Axle Operation Maintenance Service Manual is available for downloading at www.dexteraxle.com.