



## Instructions for Shoe and Lining Kit - 10 x 2¼" or 12 x 2" Electric Brakes

### *Notice to Buyer*

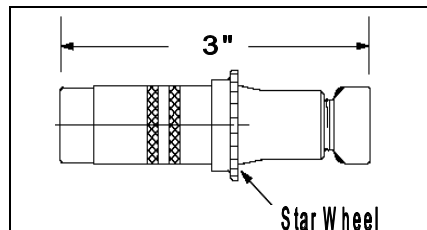
It is recommended that all four- (4) shoe and linings be replaced at the same time to insure balanced braking performance.

### *Removing the old brake shoe and linings:*

1. Remove the wheel and drum from the spindle, leaving the brake exposed. Then, remove and **SAVE** the retractor spring from the top of the brake.
2. Remove and **DISCARD** the hold down mechanism (a clamp on the 12 x 2" brake or springs on the 10 x 2¼" brake.) The hold down pin can then be removed through the rear of the backing plate.
3. Remove and **SAVE** the adjusting screw and adjuster spring from the brake shoe.

### *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. On the 12" brake, secure the new pin by attaching the spring clip to the end of the post.
2. Attach one end of the retractor spring to the secondary shoe and the other end to the anchor post.
3. Assemble the smaller, primary shoe by installing the new hold down pin as in step 1.
4. Attach the second retractor spring to the primary shoe, hooking one end onto the anchor post, directly above the other retractor spring.
5. By turning the star wheel, set the length of the adjusting screw (see diagram) to allow for 3" from slot to slot. This will allow for clearance to assemble the drum.



6. Then place the adjusting screw between the slots of both shoes, making sure the star wheel end is in line with the raised, adjusting slot located directly below on the backing plate.
7. Install the adjuster spring directly below the adjuster screw.
8. Move the magnet and actuating lever from side to side to see that it moves freely in both directions.
9. Remount the hub and drum. Using a brake adjuster tool, turn the adjuster nut out until the linings create a strong pull on the drum as it is rotated. Back off the adjuster nut 6 or 8 "clicks" so the drum rotates freely.
10. Replace the adjuster plug.