INSTALLATION INSTRUCTIONS

12-1/4” Electric Brake Shoe and Lining Kit - Stamped Backing Plate

PLEASE NOTE THAT THESE KITS ARE ONLY FOR BRAKES WITH STAMPED BACKING PLATES MANUFACTURED BEFORE 2000.

K71-049-00: 12-1/4" x 3-3/8" Brake (LH)
K71-050-00: 12-1/4" x 3-3/8" Brake (RH)
K71-051-00: 12-1/4" x 4" Brake (LH)
K71-052-00: 12-1/4" x 4" Brake (RH)
K71-053-00: 12-1/4" x 5" Brake (LH)
K71-054-00: 12-1/4" x 5" Brake (RH)

It is recommended that all four 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. De-adjust the brakes by rolling the adjuster star wheel to it’s minimum length.
4. Remove and save the adjuster retainer clips. Pull shoes apart at the bottom so that the adjuster falls out of the brake shoes to eliminate the spring tension on the shoes.
5. Remove and save the adjusting cable, adjusting lever, adjusting lever spring, adjuster spring, and two centering springs from the brake shoes.
6. Remove and discard the nuts and washers from the shoe hold down bolts. The shoes can now be removed from the brake.

Installing the new brake shoe and linings

1. Prior to reassembling, lubricate the adjuster assembly and the anchor post with a high temperature brake lubricant.
2. Assemble the brake shoes onto the brake backing plate making sure the secondary shoe is at the rear of the brake. The secondary shoe contains the adjusting cable guide pulley and adjusting lever pivot pin installed on it. Make sure these parts and the reinforcing plates at the top of the shoe face away from the backing plate.
3. Install the hold down washers and nuts onto the bolts. Tighten the nuts leaving .010" to .015" clearance between the washer and the shoe web.
4. Install the adjusting screw between the shoes, making sure the threaded end of the screw is at the front of the brake. Replace the adjusting screw retainer clips. Install the adjuster spring and the two centering springs.
5. Install the retractor springs across the tops of the shoes. The green spring goes in front and the black spring goes in back.
6. Assemble the adjusting lever spring, then the adjuster lever onto the pivot pin on the secondary shoe. Hook the end of the spring over the lever.
7. Attach the adjusting cable to the bracket at the top of the brake and to the adjusting lever at the bottom of the brake. Route the adjusting cable around the cable guide bracket.
8. Move the magnet and the actuating lever arm from side to side to ensure that it moves freely in both directions.
9. 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.
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.

059-046-00 Rev. D | 2023.03