



Instructions for Brake Assembly Kit
12¼ x 2½", 12¼ x 3¾", 12¼ x 4", and 12¼ x 5"
Electric or Hydraulic Brakes

Notice to Buyer

It is recommended that all brakes be replaced at the same time to insure balanced braking performance.

Remove the old brakes

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



*Do not lift or place supports on any part of the suspension system.
 Never crawl under your trailer unless it is resting on properly placed jack stands.*

2. Remove the wheel and drum from the spindle, leaving the brake exposed. Check armature surface and drum braking surface; resurface if required – see operation maintenance manual for refinishing limits.
3. Disconnect the brake actuation system. For electric brakes: cut the magnet wire and remove the strain relief from the dust shield. For hydraulic brakes: remove the hydraulic brake line from the wheel cylinder.
4. Then remove the brake mounting hardware. Remove the old complete brake assembly leaving the dust shield on the spindle. Save the brake mounting hardware, dust shield, and strain relief (electric brakes only) for installing the new brake.

Installing the new brakes

1. Install the new brake assembly using the old hardware. If new hardware is required (or desired) select the correct components according to your brake size from the chart below:

<u>Brake Size</u>	<u>Qty</u>	<u>PN</u>	<u>Description</u>
12¼ x 2½"	4	007-251-00	½" – 20 x 1.50" Hex Head Bolt
	4	006-129-00	½" – 20 Hex Nut TORQUE 55-70 ft. lbs.
	4	005-058-00	½" Lock Washer
12¼ x 3¾"	4	007-097-00	½" – 20 x 1.75" Hex Head Bolt
	4	006-129-00	½" – 20 Hex Nut TORQUE 55-70 ft. lbs.
	4	005-058-00	½" Lock Washer
12¼ x 4" & 5"	7	007-116-00	7/16" – 20 Hex Head Bolt
	7	006-017-00	7/16" – 20 Hex Nut TORQUE 60-75 ft. lbs.
	7	005-008-00	7/16" Lock Washer

2. Reconnect the brake actuation system. Refer to your *Operation Maintenance Service Manual* for proper connection.
3. Remount the drum and wheel. Refer to your *Operation Maintenance Service Manual* for proper bearing adjustment procedure.
4. Burnish in the new brake shoes. Then properly adjust the brakes per the *Operation Maintenance Service Manual* if the brakes are manual adjust.