

INSTALLATION INSTRUCTIONS



Brake Assembly Kit for 12¼" x 2½", 12¼" x 3⅜", 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 ensure 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.

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. Reconnect the brake actuation system. Refer to Dexter's current Operation Maintenance Service Manual for proper connection.
3. Remount the drum and wheel. Refer to Dexter's current Operation Maintenance Service Manual for proper bearing adjustment procedure.
4. After replacement of brakes, 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.

2. Remove the wheel and drum from the spindle, leaving the brake exposed. Check armature surface and drum braking surface. Resurface if required per Dexter's current Operation Maintenance Service Manual.
3. Disconnect the brake actuation system.
4. **Electric brakes**
Cut the magnet wire and remove the strain relief from the dust shield.
Hydraulic brakes
Remove the hydraulic line from the wheel cylinder.
5. Remove the brake mounting hardware. Then remove the old complete brake assembly and save the brake mounting hardware 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 following chart.

Brake Size	Qty	Part No.	Description
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 3⅜"	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" and 12¼" x 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

