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Instructions for Brake Assembly Kit 7", 10" and 12" 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. Disable power supply of brake actuation system. For electric brakes: cut the magnet wires outside of the brake. Remove as many old unused connectors as possible. Connectors cause voltage drops. For hydraulic brakes: remove the hydraulic brake line from the wheel cylinder.
4. Then remove the brake mounting nuts. Remove the brake assembly from flange. 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 chart below:

<u>Brake Size</u>	<u>Qty</u>	<u>Nut PN</u>	<u>Description</u>
7"	4	122085	7/16" – 20 Hex Nut TORQUE 35 - 55 ft. lbs.
10"	4	122085	7/16" – 20 Hex Nut TORQUE 35 - 55 ft. lbs.
12"	5	122077	3/8" – 24 Hex Nut TORQUE 35 - 55 ft. lbs.

2. Reconnect power supply of brake actuation system.
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*, these brake models require manual adjustments.

Approved by/date:	Written by/date:
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