



BRAKE INSTALLATION GUIDE

FOR DRUM BRAKE ASSEMBLY KITS

APPLICABLE FOR:

Electric Drum Brakes
7", 10", 12", and 12-1/4" sizes

Note: Always replace brake assemblies in pairs to maintain consistent and safe braking performance.

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Important Safety Warning
Never use the trailer axle or suspension to lift or support the trailer. Only raise the trailer using jacks and jack stands rated for its weight. Being under an improperly supported trailer can lead to severe injury or death if it collapses.

1. Secure and Lift the Trailer

Always raise the trailer using the trailer frame in accordance with the trailer manufacturer's lifting and support guidelines. Some trailer manufacturers have specific lift points. Contact the trailer manufacturer to obtain this information. Raise the trailer safely and position it on high-capacity jack stands.

2. Remove Wheel and Drum

Remove the trailer wheel and brake drum. Replace the drum if it is worn with grooves, heat marks, warped or in question. Drums should also be replaced in pairs.

3. Unhook Brake Lines

Disconnect or cut the wires at the back of the brake assembly. No need to mark the wires as they are not polarity sensitive.

4. Detach Brake Assembly

Unbolt and remove the old brake assembly.

INSTALLING THE NEW BRAKES

1. Mount the New Assembly

Using the new hardware provided, mount the replacement brake assembly. Be sure to use the correct brake assembly labeled Driver's Side or Passenger Side with the magnet oriented in the down position.

2. Reconnect Lines & Reassemble Drum

Reconnect the electrical wires using the heat shrink butt connectors provided. Refer to the trailer manufacturer or axle manufacturer for a more detailed service manual.

3. Burnish the Brakes

After installation, the brakes need to be conditioned or "burnished" by repeated stops to properly seat the new components. Refer again to the appropriate service manual for proper break-in procedure.

BRAKE SIZE	SOCKET	TORQUE SPECIFICATIONS
7" x 1-1/4" 10" x 1-1/2" 10" x 2-1/4"	11/16"	7/16"-20 Serrated Hex Nut Torque 50-60 ft-lbs
12" x 2"	9/16"	3/8"-24 Serrated Hex Nut Torque 45-55 ft-lbs
12-1/4" x 2-1/2"	3/4"	1/2"-20 x 1.50" Hex Head Bolt 1/2"-20 Hex Nut, Lock Washer Torque 60-80 ft-lbs
12-1/4" x 3-3/8" 8K 4-bolt flange	3/4"	1/2"-20 x 1.75" Hex Head Bolt 1/2"-20 Hex Nut, Lock Washer Torque 60-80 ft-lbs
12-1/4" x 3-3/8" 12 1/4" x 5" 10K-16K 5-Bolt Flange	3/4"	1/2" Serrated Hex Nut Torque 60-80 ft-lbs
12-1/4" x 3-3/8" 12-1/4" x 4" 12-1/4" x 5" 9K-16K 7-Bolt Flange	5/8" Bolt Head 11/16" Nut	7/16"-20 Hex Head Bolt 7/16"-20 Hex Nut, Lock Washer Torque 55-65 ft-lbs

Disclaimer: Consult with the wheel manufacturer for torque specifications.

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