



MODEL 72040 BRAKE DRUM HANDLER

SETUP • OPERATING • MAINTENANCE INSTRUCTIONS

Note: Revision letters (A, B, C, D etc.) after model numbers have been omitted as they do not affect the setup, operating and maintenance instructions of a particular jack unless otherwise noted.

IMPORTANT: READ THESE INSTRUCTIONS BEFORE OPERATING

BEFORE USING THIS BRAKE DRUM HANDLER, READ THIS MANUAL COMPLETELY AND THOROUGHLY, UNDERSTAND ITS OPERATING PROCEDURES, SAFETY WARNINGS AND MAINTENANCE REQUIREMENTS. FAILURE TO DO SO COULD CAUSE ACCIDENTS RESULTING IN SERIOUS OR FATAL PERSONAL INJURY AND/OR PROPERTY DAMAGE.

The use of brake drum handlers is subject to certain hazards that cannot be prevented by mechanical means, but only by the exercise of intelligence, care, and common sense. It is therefore essential to have owners and personnel involved in the use and operation of equipment who are careful, competent, trained, and qualified in the safe operation of the equipment and its proper use. Examples of hazards are dropping, tipping, or slipping of brake drums caused primarily by improperly securing loads, overloading, off-centered loads, use on other than hard level surfaces, and

using equipment for a purpose for which it was not designed. It is the responsibility of the owner to make sure all personnel read this manual prior to using this device. It is also the responsibility of the device owner to keep this manual intact and in a convenient location for all to see and read. If the manual is lost or not legible, contact Norco Industries, Inc. for a free replacement. If the operator is not fluent in English, the product and safety instructions shall be read to and discussed with the operator in the operator's native language by the purchaser/owner or his designee, making sure that the operator comprehends its contents.

WARRANTY

This product is covered by a Limited Lifetime Warranty. For details see the back cover of Norco's product catalog.

WARNING

- Consult the vehicle manufacturer for the proper method of lifting and supporting the vehicle in preparation for removal and installation of brake drums.
- Wear steel-toed shoes and eye protection.
- Do not use this handler for any purpose other than for which it was intended or in a manner inconsistent with any instructions regarding its use.
- Inspect the handler before each use. Do not use the handler if

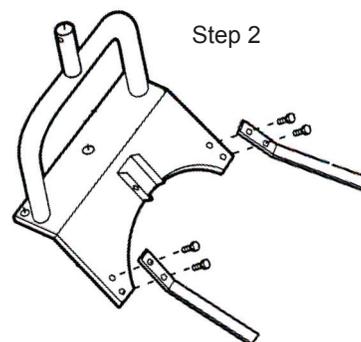
it is damaged, altered, modified, in poor condition, or unstable due to loose or missing hardware. Take corrective action before using the drum handler.

- Make sure the setup is stable and secure before removal, installation or transportation by using only the restraints provided on the handler.
 - Be careful of pinch points.
 - Do not alter or modify this handler.
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SETUP

1. Insert the square tube handle in the handler's receiver tube. The handle grip should be angled up when the handle is horizontal to the floor. Match the holes in the handle tube with the ones in the handler receiver tube and secure the handle in the handle receiver with the detent pin provided.

2. Two angled bar stops bolt to the outside of the handler's cradle to prevent the drum from sliding back toward the mechanic. For shipping purposes, the bar stops are not in the operating position. Remove the bolts holding them in place, rotate the bars 180 degrees, and retighten the bolts.



OPERATING INSTRUCTIONS

REMOVAL

1. Consult the vehicle manufacturer for the proper brake drum removal instructions. Make sure the vehicle tires/ wheels not being removed are blocked and the vehicle is secured to prevent it from rolling.
2. Back the brakes off and break the drum loose from the hub assembly.
3. Grab the handler's handle with one hand and put it in a horizontal position while using the other hand to turn the handler's machine rotating handle in a clockwise direction. Turn the machine rotating handle until the handler's cradle is all the way down.
4. Flip the "L" shaped grab hook back against the handle. Push the handler under the drum until the two angled bars on the handler touch the outside surface of the drum.
5. Turn the machine rotating handle in a counterclockwise direction until the handler's cradle comes in contact with the bottom circumference of the drum.
6. Lower the handler's handle to lift the drum just enough so that you can back the drum away from the brake assembly. This will enable you to flip the "L" shaped grab hook forward so that it fits into the opening of the drum. If the "L" shaped grab hook does not enter the drum's opening, remove the grab hook's detent pin and reposition the grab hook in the appropriate hole in the cradle bracket and secure it with the detent pin provided. The drum should now be secured to the handler as the two angled bars prevent the drum from moving backwards and the "L" shaped grab hook prevents the drum from moving forward.
7. Pull the drum away from the brake assembly until it clears the assembly. Transport the drum to its destination and then slowly lift the handle to place the open end of the drum on the floor.

INSTALLATION

1. Turn the handler's machine rotating handle in a clockwise direction until the handler's cradle is all the way down.
2. Roll the handler over to the drum and raise the handle in an upright position so the handler's cradle rests against the side of the drum and the two angle bars are resting on the outer face of the drum. Flip the "L" shaped grab hook forward so it fits into the opening of the drum. Adjust the hook location if necessary.
3. Pull the handle back to slowly lift the drum off the floor and transport the drum to the brake assembly.
4. Lower the handle and turn the machine rotating handle in a counterclockwise direction to raise the drum for alignment with the brake assembly. Push the handler in towards the brake assembly until the drum is close to touching the studs. Make sure the studs line up with the drum holes but remember to flip the "L" shaped grab hook back and out of the way before installing the hub on the brake assembly.
5. Consult the vehicle manufacturer for the proper brake drum installation instructions.
6. Once the drum is positioned and seated on the brake assembly, pull the handle up and remove the handler.

PREVENTATIVE MAINTENANCE

1. Always store the handler in a well protected area where it will not be exposed to inclement weather or any other harmful elements.
2. Lubricate moving parts and specifically the drive screw once a month with a general purpose grease. Do not lubricate the cradle, machine rotating handle and main handle.
3. Every drum handler owner is responsible for keeping the label clean and readable. Use a mild soap solution to wash surfaces and then dry.
4. Inspect the handler before each use. Do not use the handler if any component is cracked, broken, bent or shows sign of damage. Do not use the handler if it has loose or missing hardware or components, or is modified in any way. Take corrective action before using the handler again.

REPAIR SERVICE

If your Norco product requires service or repair, contact the Norco Customer Service Department for the location of the nearest Norco Authorized Service Center.

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It will be necessary to provide the Norco Authorized Service Center with a copy of the bill of sale if requesting warranty repair. If the authorized service center determines your product is eligible for warranty repair, the repair will be made at no charge and returned freight prepaid. The cost of non-warrantable service, repair, and return freight is the customer's responsibility.