

# 1 TON CHAIN HOIST

Stock Number W4005DB

## OWNER'S MANUAL



Performance Tool®

### 1 YEAR LIMITED WARRANTY

PERFORMANCE TOOL® extends only the following warranties, and only to original retail purchasers. These warranties give specific legal rights. Except where prohibited by local law, the law of the State of Washington governs all warranties and all exclusions and limitations of warranties and remedies. There may be other rights which vary from state to state.

PERFORMANCE TOOL® warrants the product to be free from defects in materials and workmanship under normal use and service. A defective product may be returned for a free replacement within 90 days from the date of purchase, provided that product is returned to place of purchase immediately after discovery of defect. After 90 days and up to one year from date of purchase, PERFORMANCE TOOL® will replace at no charge any parts which our examination shall disclose to be defective and under warranty. These warranties shall be valid only when a sales receipt showing the date of purchase accompanies the defective product or defective part(s) being returned. For part(s) after 90 days, please remit your request, postage prepaid to:

PERFORMANCE TOOL, P.O. Box 88259 Tukwila, WA 98138

These warranties exclude blades, bits, punches, dies, bulbs, fuses, hoses, and other consumables which must be replaced under normal use and service. These warranties shall not apply to any product or part which is used for a purpose for which it is not designed, or which has been repaired or altered in any way so as to affect adversely its performance or reliability, nor shall these warranties apply to any product or part which has been subject to misuse, neglect, accident or wear and tear incident to normal use and service.

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### WARNING!

**READ, UNDERSTAND AND FOLLOW ALL INSTRUCTIONS AND WARNINGS BEFORE OPERATING THIS TOOL. FAILURE TO DO SO MAY RESULT IN PERSONAL INJURY AND/OR PROPERTY DAMAGE AND WILL VOID WARRANTY.**

*Some dust created by power sanding contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm. An example of this type of chemical is lead from lead based paints. Your risk from these exposures varies, depending on how often you do this type of work. To reduce your exposure: work in a well ventilated area and work with approved safety equipment, such as dusk masks that are specially designed to filter out microscopic particles.*

**PT**  
Performance Tool®

## GENERAL INFORMATION

Your Performance Tool chain hoist was constructed with quality materials and workmanship and will give you many years of trouble free use when cared for as described in the "Care & Maintenance" section on page 2. However, as with any mechanical device, periodic adjustments are necessary to maintain a peak level of performance.

## IMPORTANT SAFETY INFORMATION

**WARNING!**  
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**WARNING:** This is a lifting device only. Load must be supported immediately.

Do not overload chain hoist beyond rated capacity. Overloading can cause damage to or failure of the hoist.

## OPERATION

Before using your chain hoist, determine the approximate weight of the load to be lifted. Be sure the load does not exceed the rated capacity of the chain block. **NEVER OVERLOAD THE CHAIN HOIST.**

Check the parts of the chain hoist before each application. Inspect the hooks, load chain, braking device, and other critical parts including the lubrication of the block.

All hooks must be securely attached to the chain hoist before using the equipment. Make sure the load being lifted is not suspended from the tip of the hook, and the hook is not tilted. The load chain should remain vertical without any twist in the chain to prevent tangling.

When lifting, the operator should stand in the plane of the hand wheel. Pull the hand chain, in smooth and steady fashion, to rotate the hand wheel clockwise raising the load. Pulling the hand chain in a counterclockwise direction will cause the hand wheel to separate from the brake seat which will release the ratchet disc and gently lower the load.

To prevent tangling the chain and rotating the block, **DO NOT** pull the hand chain in a direction diagonal to the hand wheel.

**NEVER** pass or work beneath a lifted load.

If the hand chain binds, **STOP IMMEDIATELY.**

Making sure that nothing is entangled with the load, inspect the chain hoist parts and make sure the load is within the rated capacity.

## CARE AND MAINTENANCE

1. Clean the chain hoist after each use. When hoist is not in use, store in a dry environment to prevent corrosion and rusting.
2. Once a year, clean all the chains and hoist parts with kerosene. Lubricate the gears and bearings with grease.
3. Align the "O" marks of the gears while assembling.
4. Previous to fitting the chain sprocket rollers into the outer race of the bearing on the side plate, the rollers may be attached with grease to the journal of the chain sprocket.
5. Extra care must be taken when reassembling the brake mechanism. Align the diagonal teeth of the ratchet disc and the pawl. Inspect the pawl to be sure that the springs are in good, working condition. Turn the hand wheel clockwise after twisting it onto the driving shaft, it must press the discs and plates onto the brake seat. When rotating counterclockwise there should be clearance between the disc and the plates.
6. Do not dismantle the right side plate and stay.
7. Subject the block to a no-load test and a heavy load test after maintenance is complete. The chain hoist may be returned to operational status after being found in good condition.
8. Inspect the braking mechanism regularly, and keep all friction surfaces clean and well lubricated.

**Regularly check for loose, worn or damaged parts. Any hoist that appears damaged in any way must be removed from service.**

## SPECIFICATIONS

Capacity ..... 2,000 lbs.  
Lift Range ..... 8 ft.

**Specifications are subject to change without notice.**