

LOW CLEARANCE PISTON CLAMP

Part No. 40-10073110

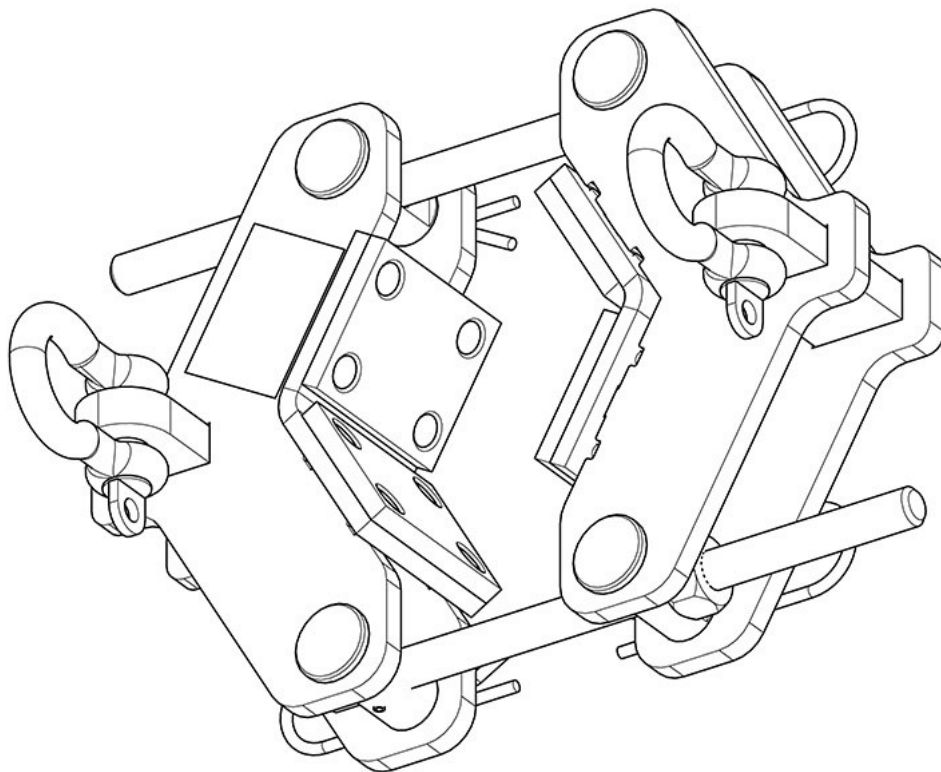


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NOTICE

GENERAL WARNINGS

The equipment covered in this manual should only be installed, used, and serviced by qualified personnel trained in proper work and safety procedures. This manual is intended to assist such trained individuals in the installation and use of this equipment and is not intended as a substitute for proper training and experience.

This document or any other information regarding this equipment is not intended to cover all of the possible situations which may be encountered while using the equipment described herein. Should specific situations arise which are not covered by the information provided, or should the user desire further details, the specifics should be directed to Wurtec, Inc.

Note: In the effort of continuous product improvement, Wurtec, Inc. reserves the right to modify the design and specifications of this product at any time without notice.

WARNING

Failure to comply with the following guidelines could result in death or serious injury:

- Before each use, inspect brake pads for wear. If there are cracks or any other defects in the pads, install replacement pads immediately. Replacement pad part number: 40-10076141.
- If brake pads have developed a groove of 0.06" or deeper, replace the brake pads.
- Brake pad fasteners should be tightened to 48 inch-pounds. A specific fastener tightening pattern is not required.
- Before installing the clamp, ensure the cylinder is free of grease. Failure to do so may diminish the clamp's capacity and function.
- Torque the Acme Nuts, on the clamp, to 60 ft-lbs (81.3 Nm).
- The Hydraulic Jack Clamp can be used with cylinders with a diameter between 2.25" to 6".
- Do not use on jacks weighing over 650 lbs.
- Never stand directly under the lifting assembly.

EQUIPMENT DESCRIPTION & INTENDED USE

The Wurtec Low Clearance Piston Clamp is designed to secure hydraulic elevator pistons during installation. Its compact profile allows it to fit in tight spaces, accommodating pistons as close as three inches from a wall. With a tested and rated hoisting capacity, the clamp provides a safe and efficient alternative to traditional methods, simplifying the positioning and threading process.

INSTALLATION / ASSEMBLY TOOLS REQUIRED

The following are the minimum required tools for installation:

- Degreaser or other cleaning solution
- Rag
- Torque Wrench & Sockets
- Chain hoists (or other rated hoisting devices).

PERSONAL PROTECTION EQUIPMENT (PPE) REQUIRED

The following PPE is recommended for installation:

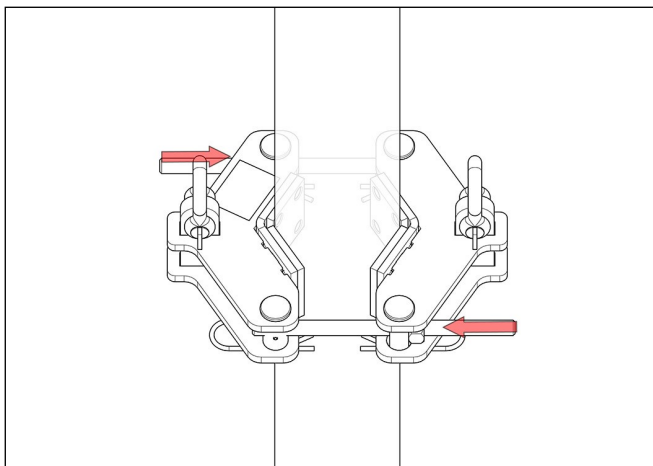
- Safety glasses
- Hard hat
- Abrasion-resistant gloves
- Steel toed boots
- Safety Vest
- Harness and attached lifeline

INSTALLATION INSTRUCTIONS



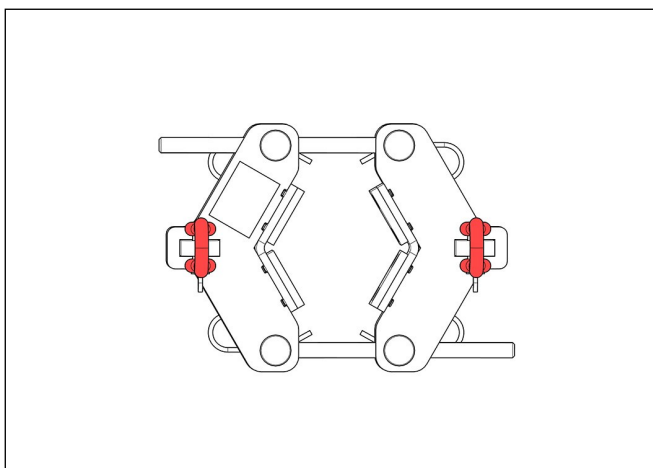
Step 1: Cleaning Before Installation

- Before installing the clamp, clean and dry the surface of the cylinder where the clamp will be mounted. Ensure the area is free of grease.
- NOTE: Always inspect brake pads before use and replace if needed.



Step 2: Clamping the Cylinder

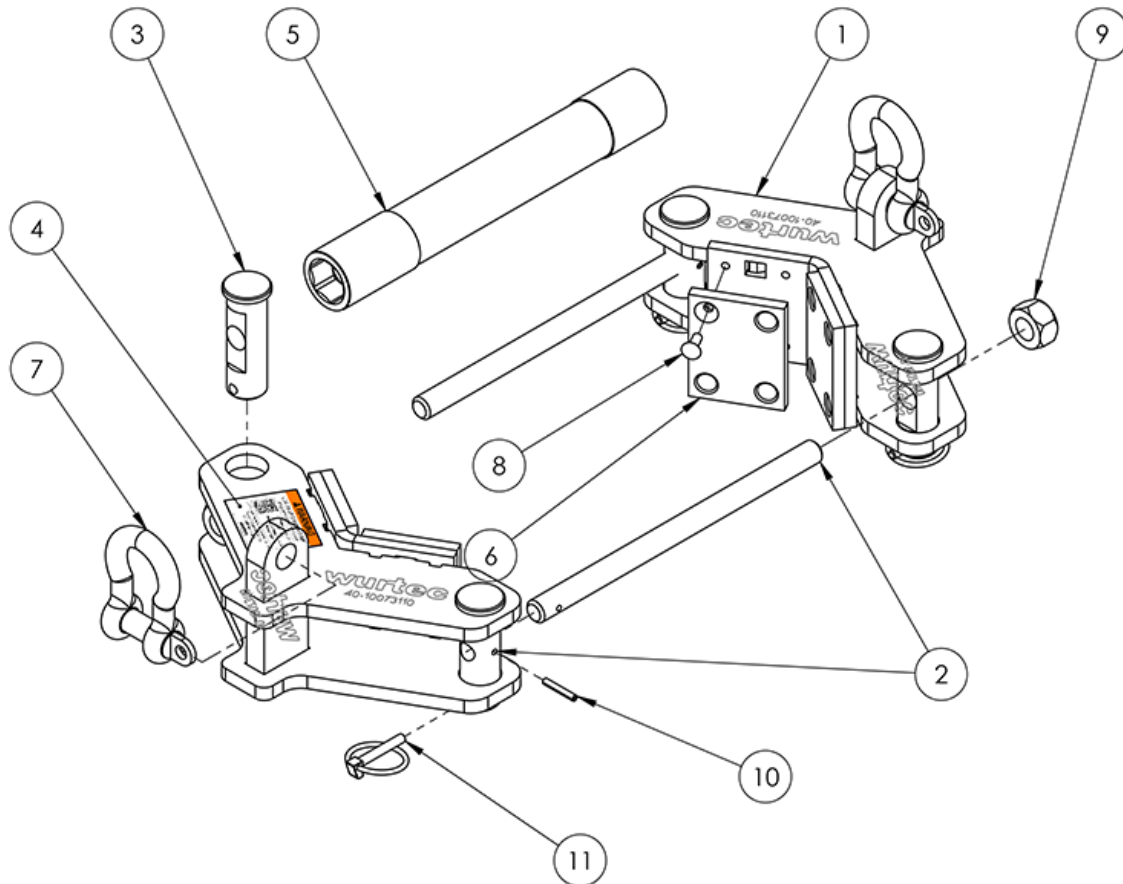
- Loosen the Acme Nuts on the clamp.
- Place the clamp onto the prepared area of the cylinder.
- Ensure that the clamp has equal engagement on the cylinder, and that the clamping bodies are exactly opposing each other.
- Using a torque wrench, tighten the Acme Nuts to 60 ft-lbs (81.3 Nm).



Step 3: Hoisting the Piston

- Connect chains, web slings, or other types of rated hoisting materials to the shackles on the clamp.
- Attach hoist to the chains.
- The jack clamp and cylinder, weighing up to 650 lbs (294.8 kg), can now be lifted in a slow, uniform fashion. *NOTE: To maintain equilibrium, do not accelerate or stop quickly!

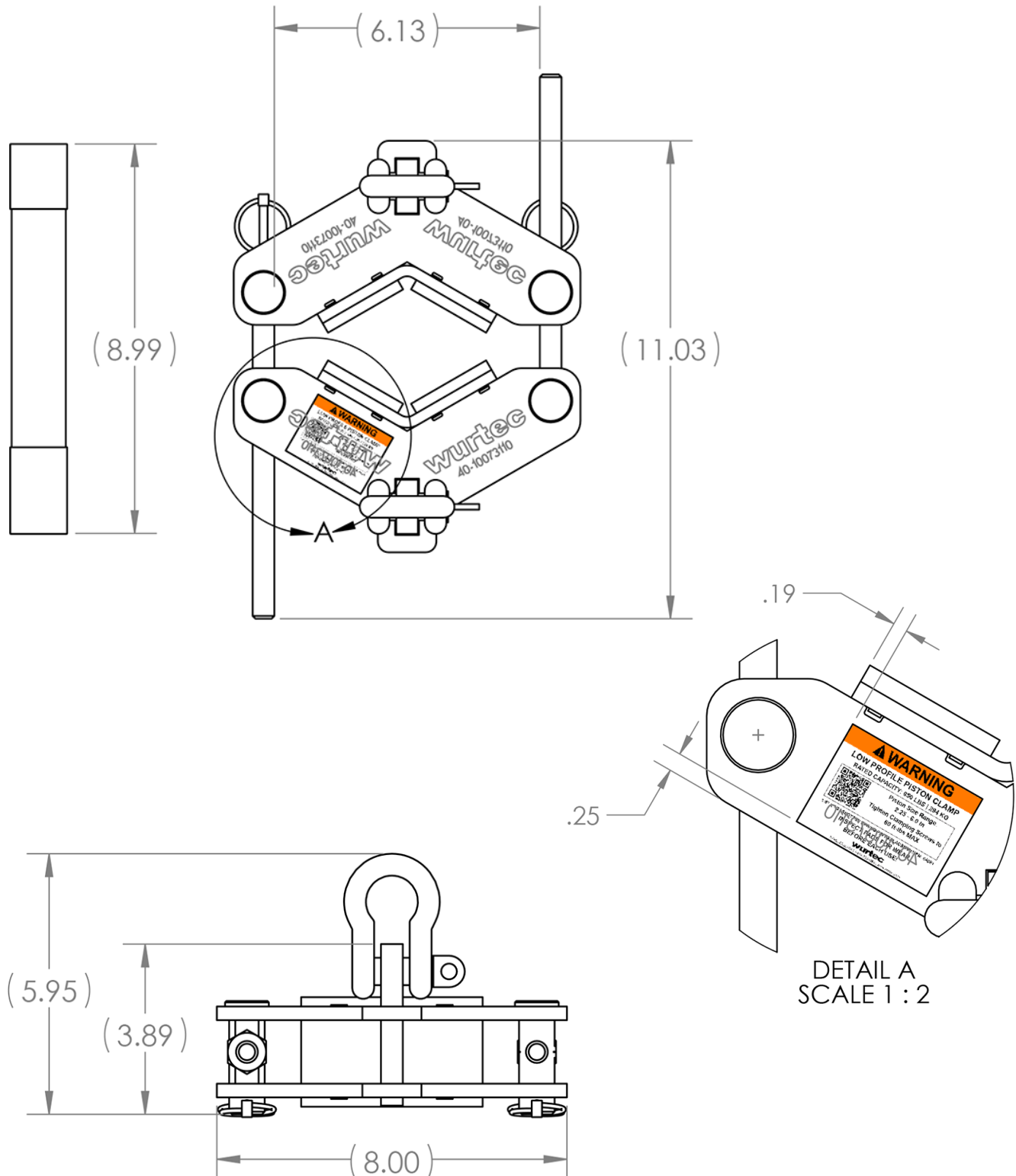
BILL OF MATERIALS



Item	Qty	Part No.	Description	Size	Length
1	2	40-10073113	CLAMP BODY WELDMENT	-	-
2	2	40-10076162	CLAMPING ROD ASSEMBLY	-	-
3	2	40-10076085	PIVOT PIN - CLEARANCE	-	-
4	1	40-10075290	LOW PROFILE PISTON CLAMP STICKER	-	-
5	1	40-10077104	7/8" CUSTOM SOCKET	-	-
6	4	40-10076141	BRAKE PAD	-	-
7	2	16-030	ANCHOR SHACKLE	2 TON	-
8	16	24210	FLAT HEAD SCREW	10-32	1/2"
9	2	10065003-161	ACME HEAVY HEX NUT	1/2-10	-
10	2	64081	SLOTTED SPRING PIN	1/8"	7/8"
11	4	10086901	LINCH PIN, 3/16" DIA. YELLOW ZINC, 1"	-	-

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