

ALUMINUM FLAT TRAVEL CABLE HOISTING RIG

Part No. 70-10067750

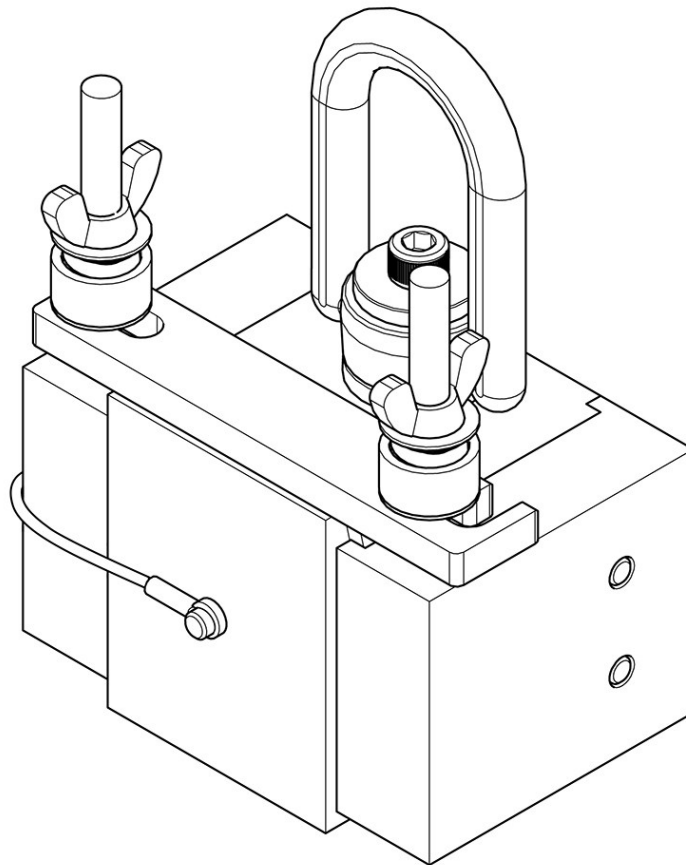


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NOTICE

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.

DANGER

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

- Never work underneath a load.
- Ensure the hoisting rope to the Aluminum FTC Hoist is secured before use. Failure to properly secure the hoisting rope can result in sudden and unexpected movement of the flat travel cable and the flat travel cable hoisting rig, potentially causing serious injury or death.
- PINCH HAZARD - Do not place fingers or hands between the wedge and the tool body.

EQUIPMENT DESCRIPTION & INTENDED USE

The Wurtec Aluminum Flat Travel Cable Hoist tool is designed to safely hoist flat travel cable (FTC) from the bottom of the hoistway to the machine room level. The wedge provides the gripping strength and the gate over top the wedge locks the FTC securely in the tool using die springs to prevent any unintentional loosening of the FTC. The wing nuts allow for use of the tool without the need for other hand tools. The rated lifting ring allows for free rotation of the tool to prevent twisting during hoisting. A lanyard prevents the wedge from accidental dropping during FTC loading and unloading.

INSTALLATION / ASSEMBLY TOOLS REQUIRED

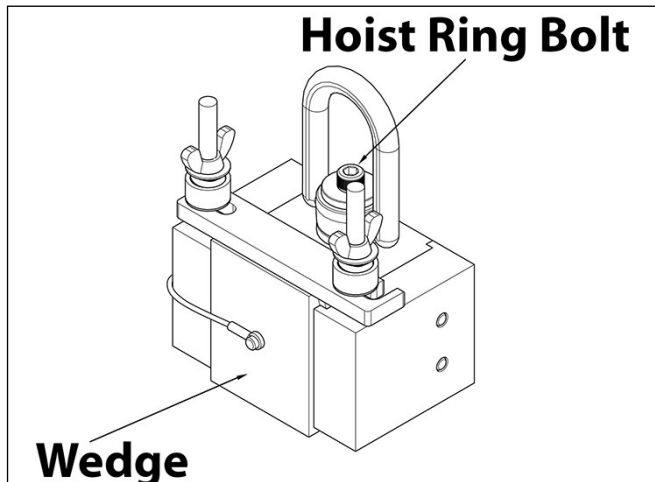
- Rope, chain, or other hoisting material rated for the application
- Hoist
- Soft-faced mallet

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

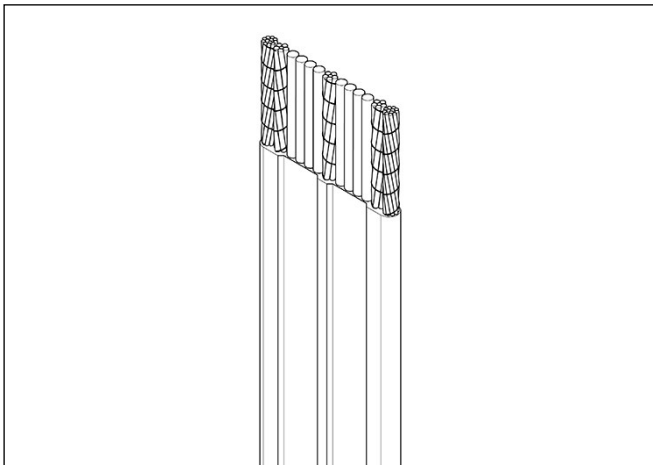


Step 1: Inspecting the Rig Before Use

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Before using the Hoisting Rig, perform the following safety checks:

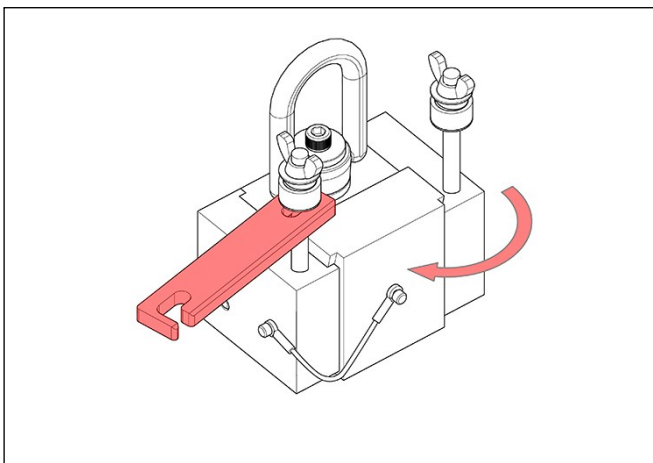
- Ensure the wedge slides freely in the tool.
- Check the Hoist Ring bolt to ensure it has not loosened.
- Ensure the components or fasteners are not damaged, bent, broken, loose, or missing.



Step 2: Preparing the Cable for Hoisting

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- Prepare the Flat Travel Cable by stripping back the outer sheath, exposing the inner elements of the cable as dictated by the hoistway layout.



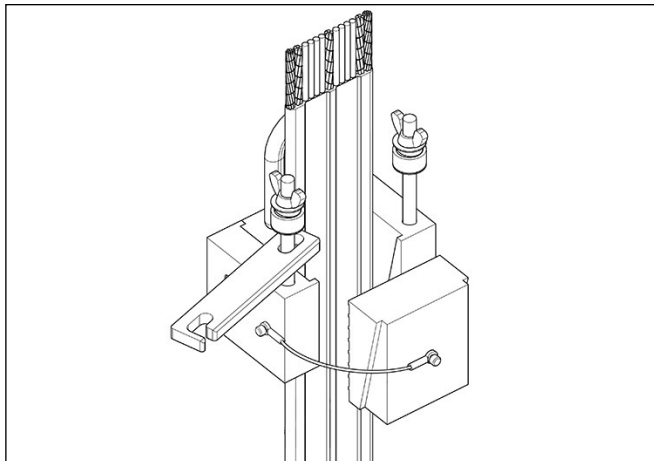
Step 3: Opening the Gate

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- On the Hoisting Rig, loosen the Wing Nuts to the top of the threaded rod.
- Slide/rotate the gate out of the way of the wedge.

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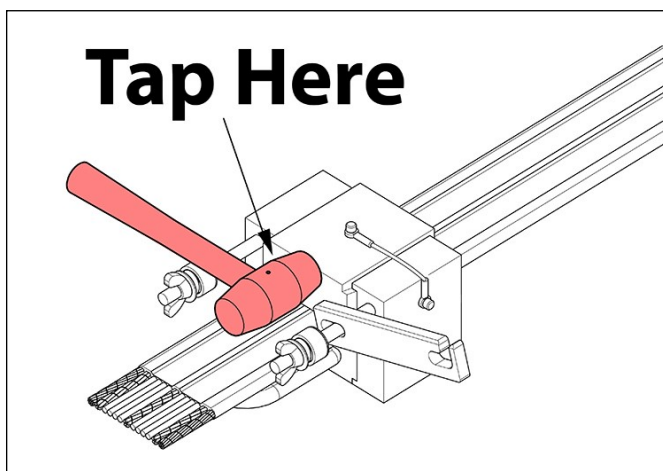
INSTALLATION INSTRUCTIONS



Step 4: Removing the Wedge

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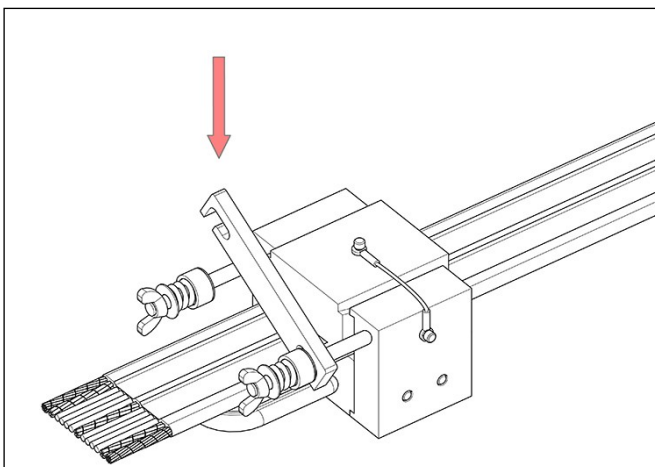
- Remove the wedge by sliding it up.
- Insert the Flat Travel Cable into the Hoisting Rig.



Step 5: Tapping the Wedge Into Place

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- Place the wedge back into the tool.
- Tap the top of the wedge with a soft-faced mallet to seat the wedge against the flat travel cable.



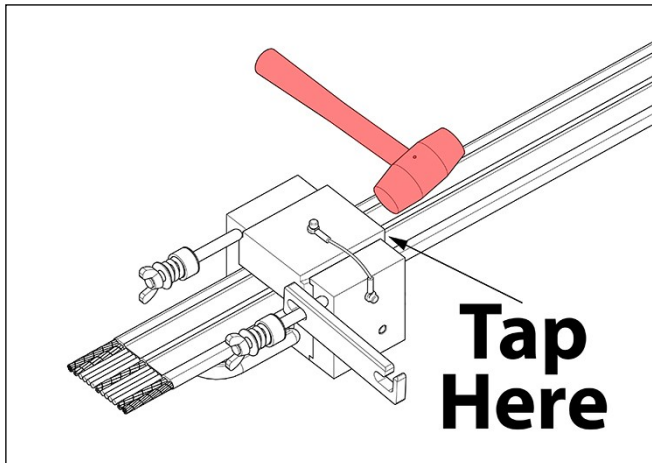
Step 6: Attaching the Gate

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- Rotate/slide the gate over the wedge.
- Tighten the wing nuts to compress the spring until the washers just touch the aluminum spacer tube.
- *NOTE: Both wing nuts should be balanced so there are no gaps between the washer and aluminum tube. There is no need to tighten the wing nuts any more than just touching the aluminum tube.
- The Flat Travel Cable Hoisting Rig is now ready to be attached to the hoisting rope and raised up the hoistway.

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REMOVAL INSTRUCTIONS

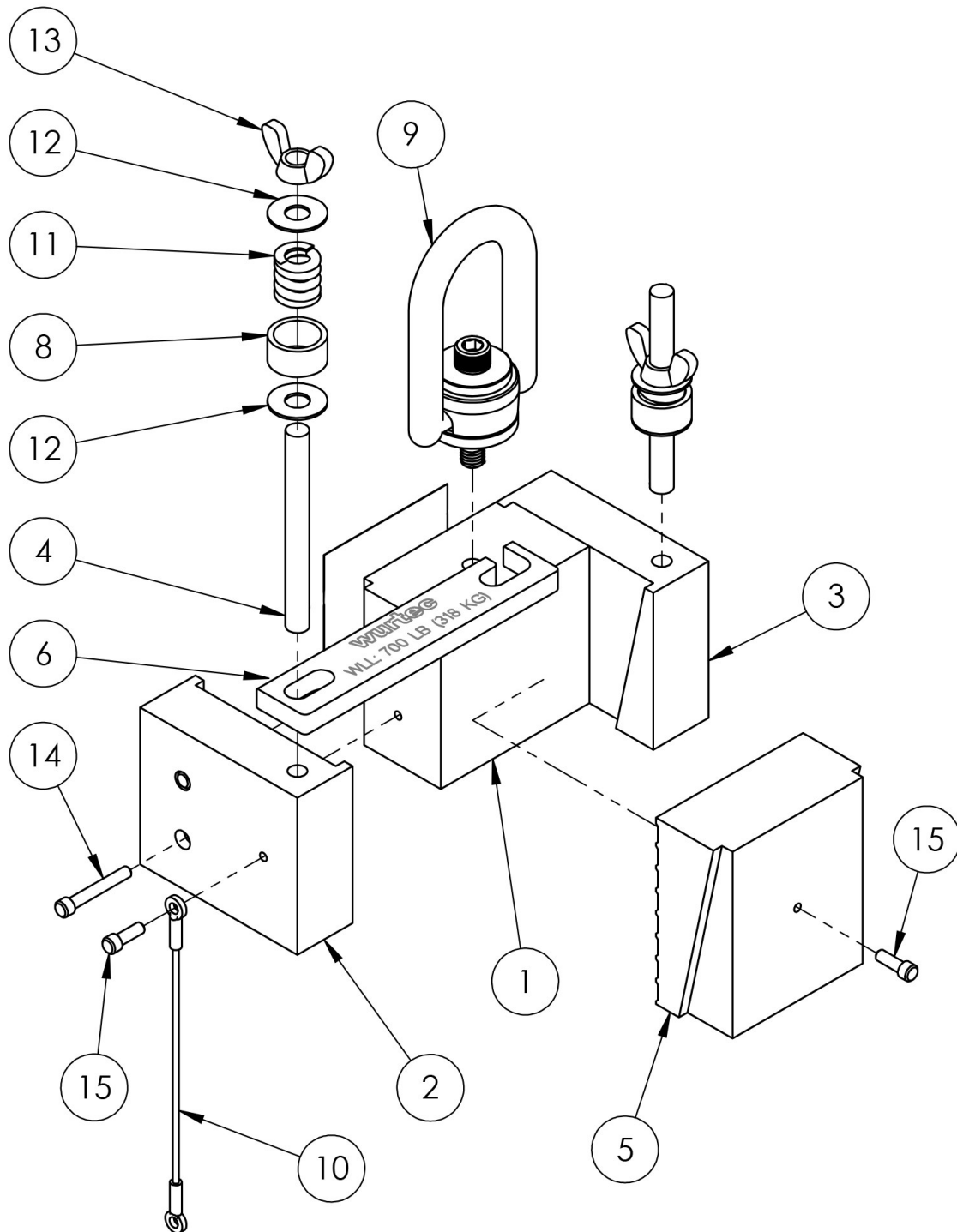


Step 1: Removing the Hoisting Rig

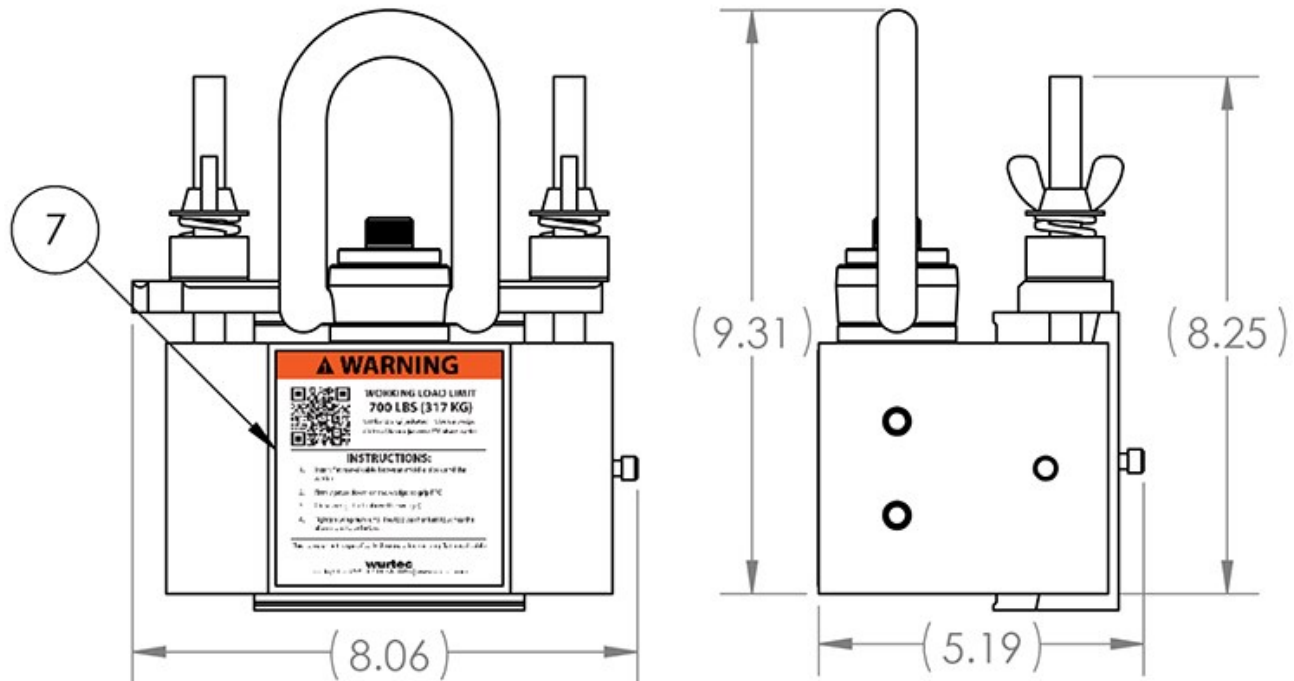
Step 1: Removing the Hoisting Rig

- *NOTE: Ensure the load on the flat travel cable has been secured at the landing before removing the flat travel cable from the hoisting rig.
- Loosen the wing nuts, relieving pressure from the gate.
- Swing the gate open and out of the way of the wedge.
- Tap the bottom of the wedge with a soft-faced mallet to loosen the grip of the wedge against the flat travel cable.
- Remove the wedge from the tool and remove the flat travel cable hoist tool from the cable.

BILL OF MATERIALS



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Item	Qty	Part No.	Description	Size	Length
1	1	70-10067690	ALUMINUM MIDDLE BLOCK	-	-
2	1	70-10067689	SIDE CLAMP LH	-	-
3	1	70-10067828	SIDE CLAMP RH	-	-
4	2	70-10069023	1/2-13 X 5 THREADED ROD	-	-
5	1	70-10067996	WEDGE	-	-
6	1	70-10067900	WEDGE LOCK	-	-
7	1	70-10075468	WARNING LABEL - FTC HOIST RIG	-	-
8	2	70-10076442	1.25" X 0.125" WALL X 0.65", 6061-T6 TUBE	-	-
9	1	10075441	FORGED STEEL HOIST RING FOR LIFTING	-	-
10	1	10075463	LANYARD, GALV STEEL, EYE-TO-EYE	1/8"	8"
11	2	9573K62	BLUE CHROME-SILICON STEEL DIE SPRING	-	-
12	4	10065016-43	SAE FLAT WASHER	1/2"	-
13	2	10075440-02	WING NUT	1/2-13	-
14	4	93210	SOCKET HEAD CAP SCREW	1/4-20	1 3/4
15	2	93203	SOCKET HEAD CAP SCREW	1/4-20	3/4"

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