

DRAGON RESCUE FIREFIGHTER RAIL BLOCK KIT

Part No. 15-700

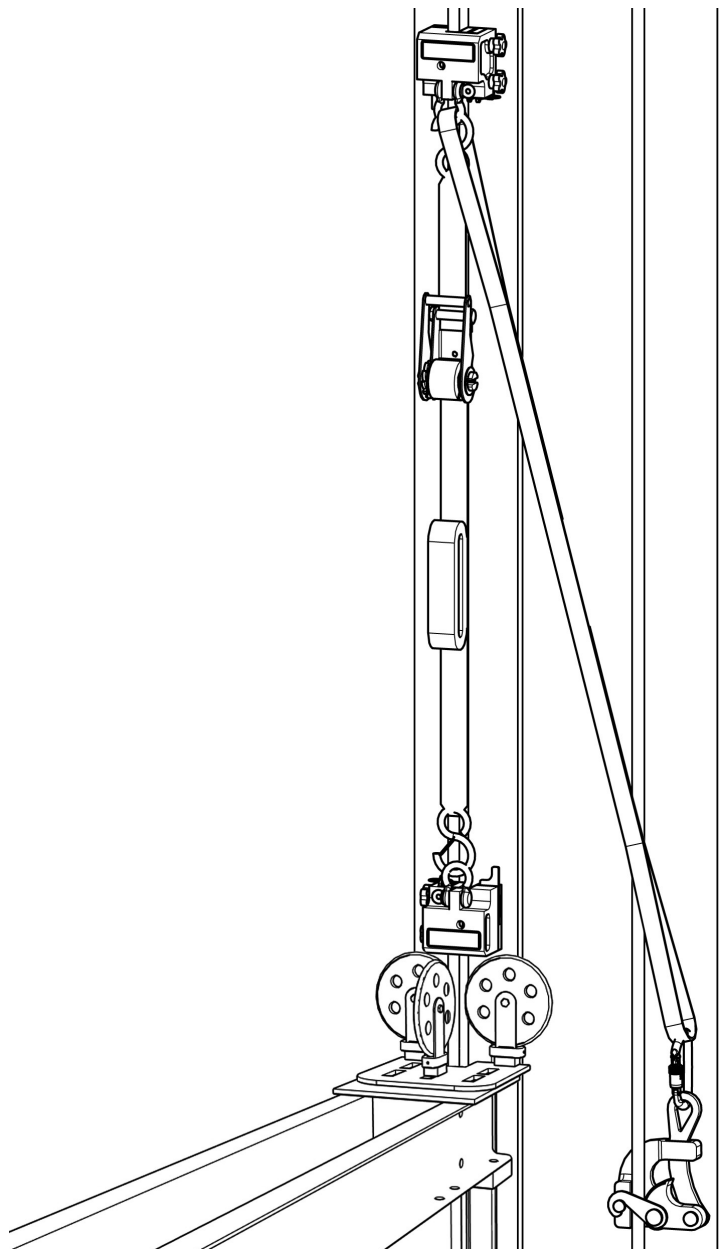


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NOTICE

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:

- If the block has been fully loaded in an emergency situation, ALWAYS send the block back in for re-certification.
- Ensure the rail block has been adjusted for rail size before use. Only use on rails between 5/8" and 1-1/4".
- Always use rail blocks in pairs, one positioned directly above the upper guide rollers and the other 4'-6' above the first rail block.
- When setting the rail block on the rail, give the rail block a hard tap after it is seated. This ensures the plunger is fully depressed. There is an audible click when the plunger is engaged.
- Inspect the teeth on the knurled roller before use.

EQUIPMENT DESCRIPTION & INTENDED USE

The Wurtec Firemen's Rail Block Kit is a mechanical restraint system designed to prevent elevator car movement during rescue operations. It features two auto-locking rail blocks that install without tools: the lower block mounts just above the car frame rollers to prevent upward motion, and the upper block is positioned 4–6 feet higher to block downward travel.

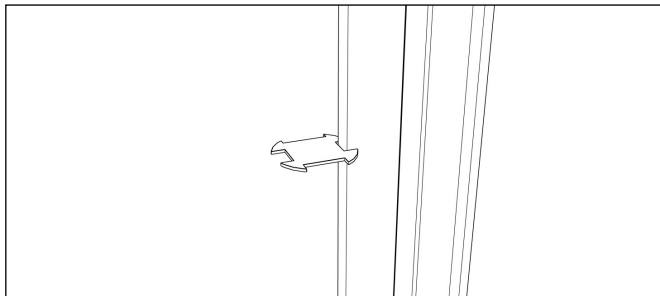
A ratchet strap connects the two blocks at their shackles, while a web sling links the upper block to a carabiner, which attaches to a Haven's Grip clamped onto the governor rope. The system fits rail sizes from 5/8" to 1-1/4", with all components tethered by lanyards for security. A charging handle enables fast, removal. The complete kit is stored in a dedicated carrying case for convenient transport and organization.

PERSONAL PROTECTION EQUIPMENT (PPE) REQUIRED

The following PPE is recommended for installation:

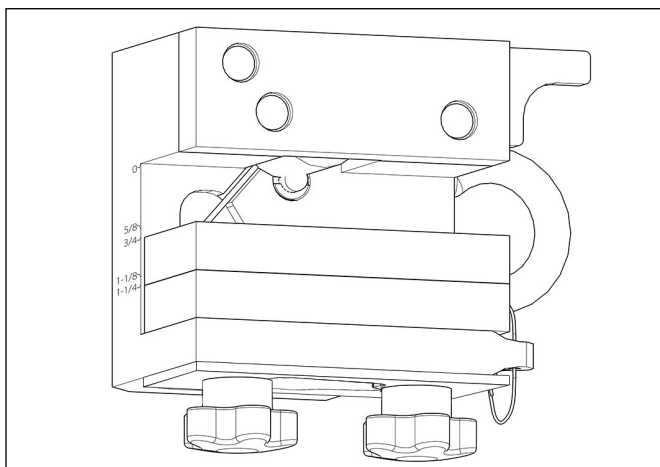
- Safety glasses
- Hard hat
- Abrasion-resistant gloves
- Steel toed boots
- Safety Vest
- Harness and attached lifeline

INSTALLATION INSTRUCTIONS



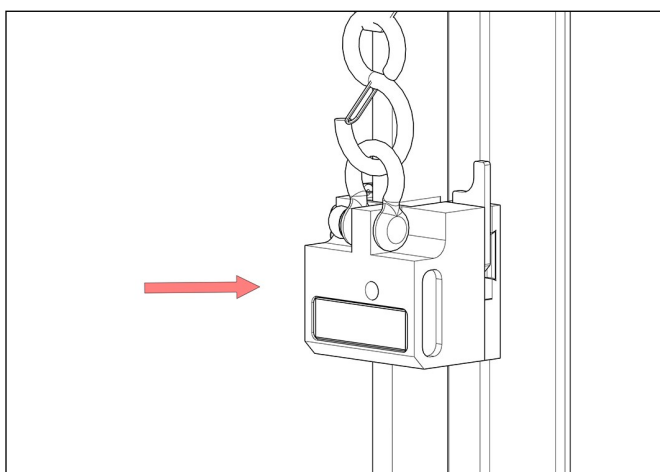
Step 1: Determine the Rail Size

- Position the rail size gauge against the nose of the rail to check its size. When the rail fits snugly into the gauge's slot, you've identified the correct rail size.



Step 2: Adjusting the Spacers

- Check the rail sizes marked on the rail block. Find the size you need for your installation.
- Turn the black knobs to loosen the screws.
- Add or remove spacers as needed so the edge of the spacer stack lines up with the marking for your rail size on the block.
- Tighten the black knobs to secure the spacers in place.
- Repeat these steps to adjust the second rail block.



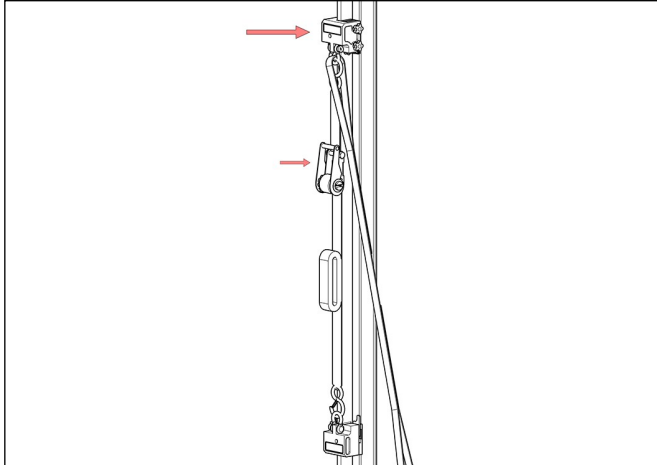
Step 3: Installing the First Rail Block

- *NOTE: The rail block should be placed on the rail closest to the two Governor wire ropes.
- Position the first rail block, shackle facing upwards, just above the roller guides on top of the cab.
- Push the block onto the rail.

NOTICE

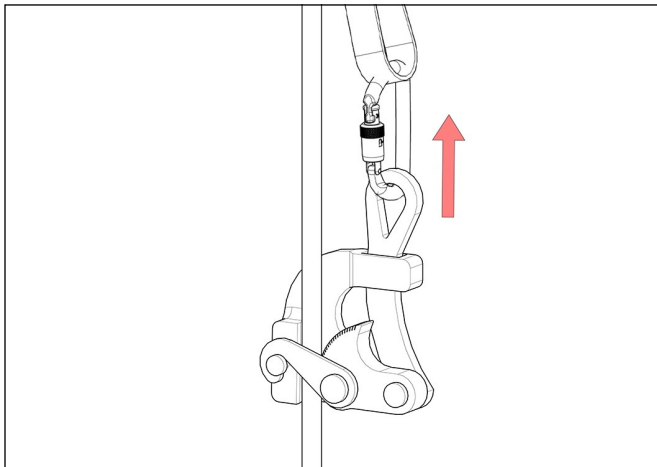
- Once the block is positioned on the rail, give it a firm tap. This ensures the plunger is fully depressed. You'll hear an audible click when it is fully engaged.

INSTALLATION INSTRUCTIONS



Step 4: Installing the Second Rail Block

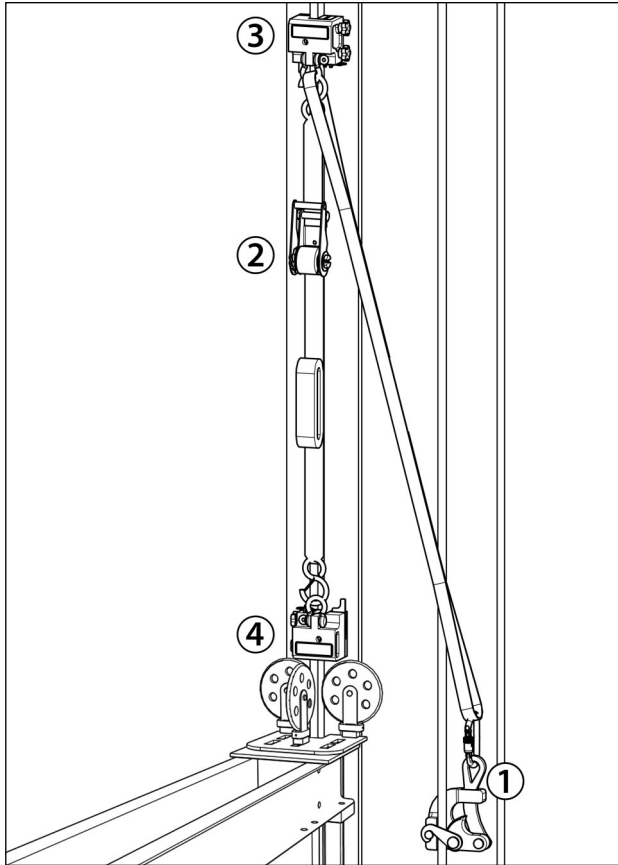
- Position the second rail block, 4-6 feet above the first rail block, with the shackle facing downwards.
- Push the block onto the rail, then firmly tap the rail block to ensure the plunger is fully depressed.
- Verify the ratchet strap is securely attached to both rail blocks, then tighten the ratchet strap.



Step 5: Attaching the Haven's Grip

- Next to the rail are two governor wire ropes. The Haven's Grip should be attached to the governor rope that is connected directly to the overspeed governor safety lever.
- Pull the web sling down and over to the governor rope.
- Position the grip with the handle pointing up, and the lever facing away from you. Ensure the web sling is straight and taut.
- Slide the wire rope through the jaws of the grip, then pull the handle to tighten, then latch the grip. Once the load is fully applied, the Haven's Grip will rotate 180°.

REMOVAL INSTRUCTIONS



Step 1: Removing the Components

Remove the components in the following order:

- Haven's Grip
- Loosen the ratchet strap
- Pull on the charging handle on the top rail block to release the block from the rail.
- Pull on the charging handle on the lower rail block to release.
- Pack everything back in the carrying case.

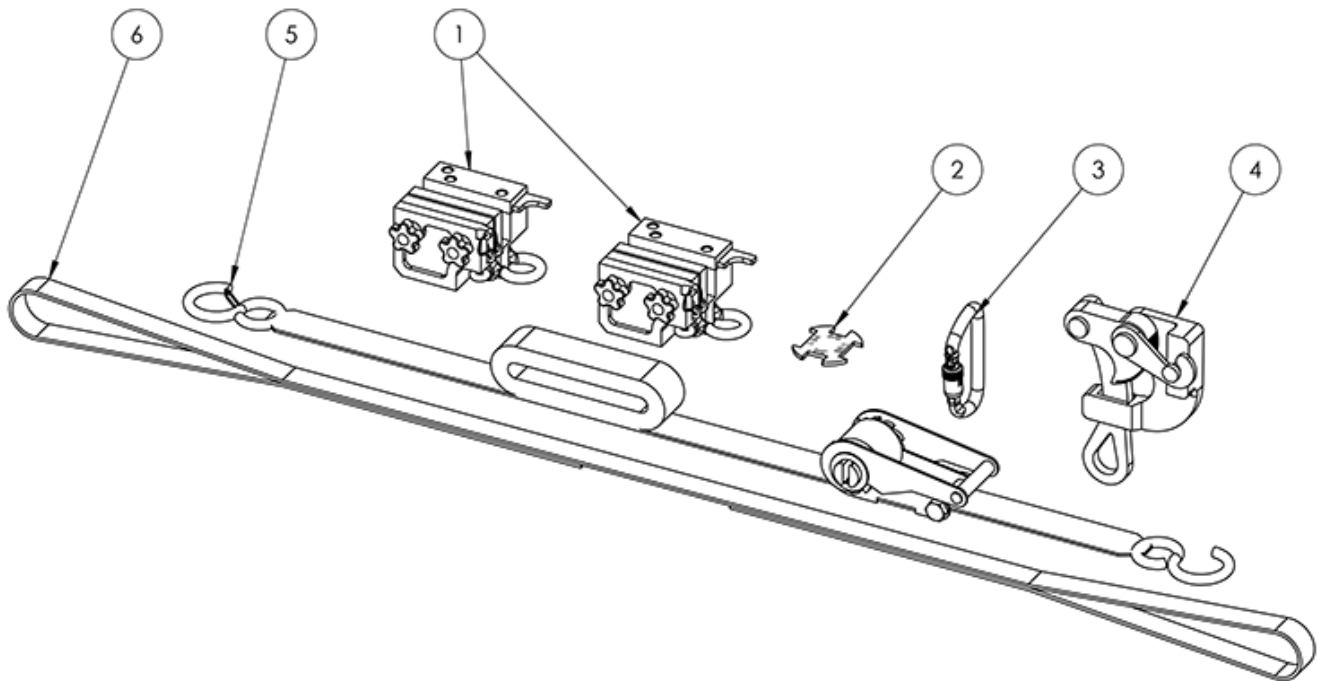
RAIL BLOCK RE-CERTIFICATION

If the block has been fully loaded in an emergency situation, ALWAYS send the block back in for re-certification. Contact Wurtec to begin the re-certification process at:

1-800-837-1066

wurtecsales@wurtec.com

BILL OF MATERIALS



Item	Qty	Part No.	Description
1	2	15-10081955	FIREMEN CAM RAIL BLOCK
2	1	P4434	CARABINER, AUTO-LOCK, D-SHAPE, 7/16"
3	1	15-10087466	RAIL SIZE GAUGE, 5/8" TO 1-1/4"
4	1	16-313	ROPE GRIP, W/ LATCH, 1/8" - 1/2", 5000 LBS, KLEIN 1604-20L
5	1	10087488	1-1/2" MOTORCYCLE RATCHET STRAP, RED HEAVYWEIGHT POLYPROPYLENE WEBBING, VINYL COATED SAFETY S-HOOK W/ BLACK GATE, NO BUCKLE PAD, 6' ADJUSTABLE END LENGTH, BLACK PLATED RATCHET BUCKLE
6	1	EE1-X91-4	SLING, NYLON, E-E, HD, 1" X 4'