



PIT LADDER GUARD KIT

Part No. 20-102-GUARD

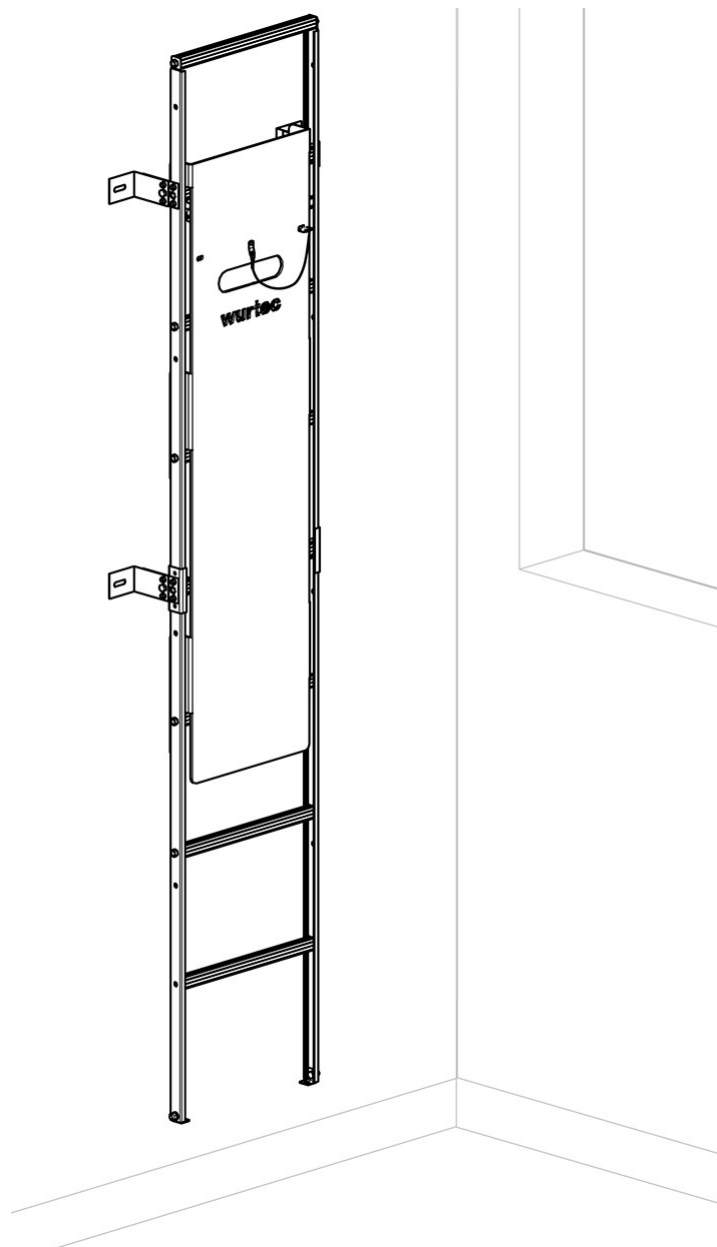




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NOTICE

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.

CAUTION

Failure to comply with the following guidelines could result in minor or moderate injury:

- Ensure the Safety Switch is wired into your existing safety chain. Test before use.
- Ensure the lanyard and key is attached to the pit ladder guard.
- Attach guard in the optimal position (second rung from the top) to prevent pit access.



EQUIPMENT DESCRIPTION & INTENDED USE

The Pit Ladder Guard Kit is engineered to enhance safety and support compliance with **ASME A17.1-2022 / CSA B44:22 Section A17.1 2.2.4.2.7**, helping you meet today's elevator safety standards with confidence. The key component is the integrated **safety switch**, which disables the elevator when the safety key is removed—ensuring the elevator remains out of service during pit access.

While the guard physically blocks access to the ladder, it's the safety switch that delivers true code compliance. The guard itself cannot be removed without first removing the key, creating a secure, controlled system that prioritizes worker protection and reliable access control.

INSTALLATION / ASSEMBLY TOOLS REQUIRED

The following are the minimum required tools for installation:

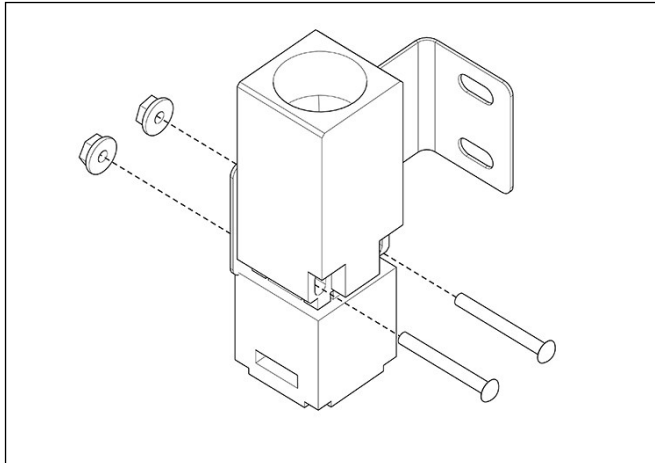
- Drill and bits
- Allen wrench set
- Tools needed to wire the limit switch for your installation

PERSONAL PROTECTION EQUIPMENT (PPE) REQUIRED

The following PPE is recommended for installation:

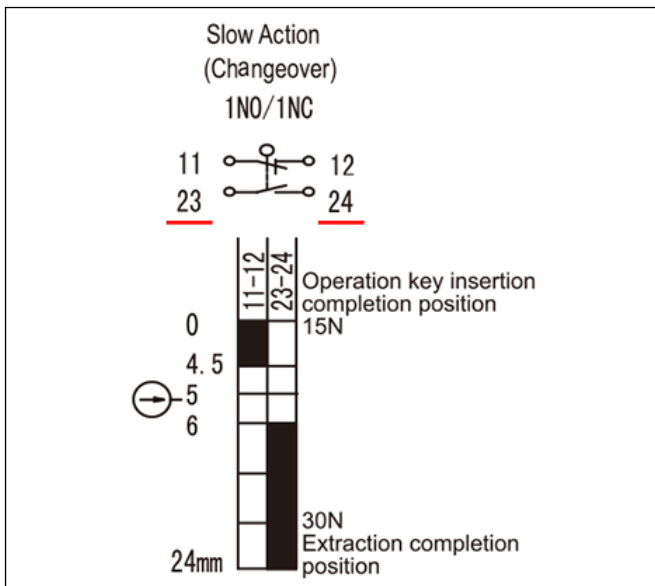
- Safety glasses
- Hard hat
- Abrasion-resistant gloves
- Steel toed boots
- Safety Vest
- Harness and attached lifeline

INSTALLATION INSTRUCTIONS



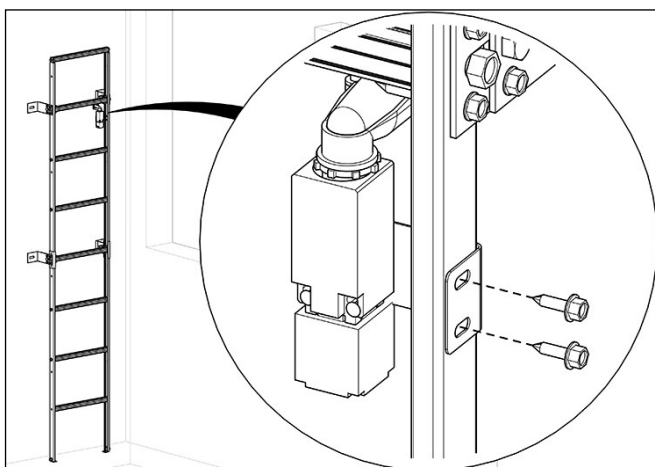
Step 1: Attaching the Safety Switch to Bracket

- Place the Safety Switch onto the Safety Switch Bracket as shown.
- Secure the switch to the bracket using two button head screws and two hex flange nuts.



Step 2: Wiring the Safety Switch

- Wire the Safety Switch into your existing safety chain. *NOTE: The elevator must automatically shut off when the key is removed.

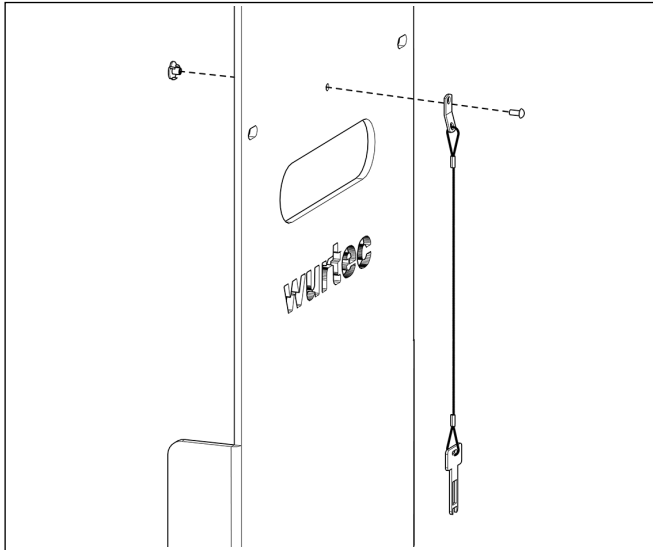


Step 3: Attaching Switch Assembly to Ladder

- *NOTE: The ideal location for the safety switch is the second to last ladder rung from the top. The switch assembly can be installed on either side of the ladder.
- Position the safety switch assembly on the ladder as shown.
- Use the two included self-drilling screws to attach the switch assembly to the ladder.

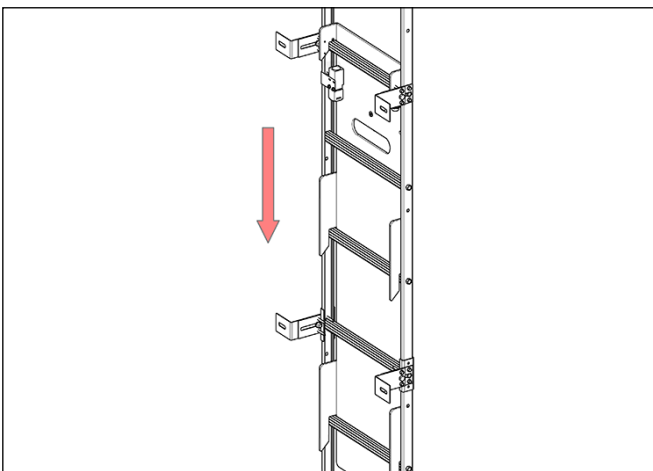
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INSTALLATION INSTRUCTIONS



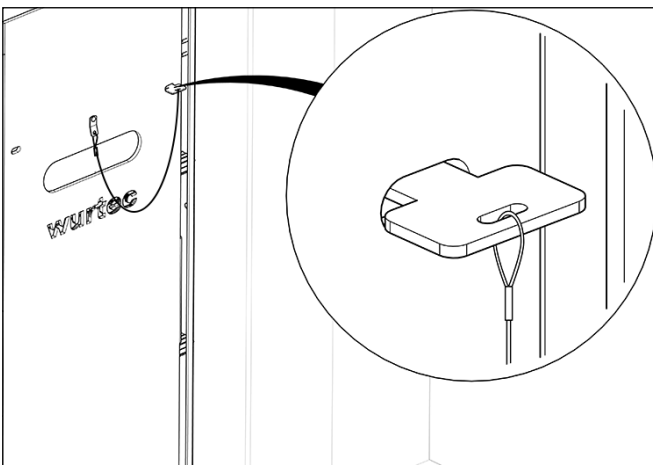
Step 4: Attaching the Key to the Guard

- Insert the T-nut through the back of the guard, then attach the lanyard as shown. Make sure the T-nut remains stationary during installation.



Step 5: Placing the Guard

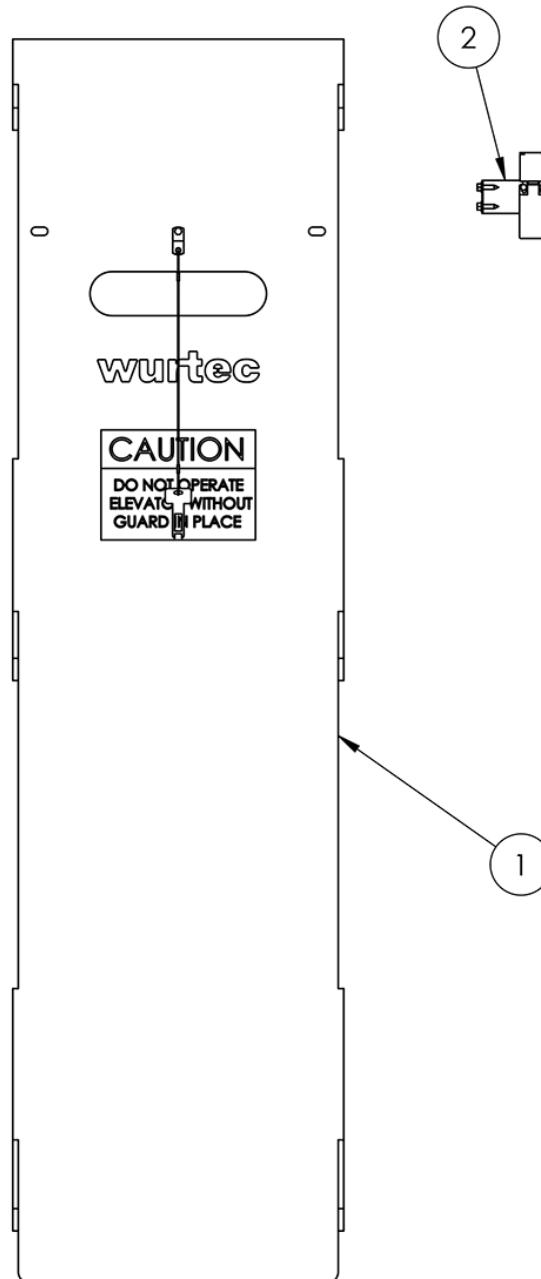
- Position the guard so the safety switch keyhole aligns vertically with the hole in the guard.
- Push the guard down onto the ladder rungs until it is secure.



Step 6: Inserting the Key

- Insert the key into the safety switch.
- Ensure the safety circuit is working properly when the key is removed.

BILL OF MATERIALS



Item	Qty	Part No.	Description	Size	Length
1	1	20-10085670	PIT LADDER GUARD ASSEMBLY	-	-
2	1	20-10079232	PIT LADDER GUARD SAFETY SWITCH KIT	-	-

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