

MR.RAIL MR-08 1/8" Swage Cable Railing Tensioner Installation Instructions

For Wood Posts | Surface-Mount Base | Works for Straight and Stair Runs

Compatible Cable	1/8" stainless steel cable
Safety Notice	Wear work gloves during installation to avoid injury from sharp cable ends.
Tools Needed	Hydraulic crimping tool; 3/8" wrench; cable cutter; drill / driver; pliers; square-drive bit for wood screws

Product Notes

- **Swage Both Ends:** MR-08 uses a swage connection on both ends of the cable. A hydraulic crimping tool is required.
- **Surface-Mount Base:** The base mounts directly onto wood posts using the included wood screws.
- **Straight and Stair Runs:** The swivel base helps the fitting align with straight cable runs and angled stair cable runs.
- **Permanent Crimp Connection:** After crimping, the connection becomes permanent. Check cable length, fitting position, and cable direction before crimping.
- **Wood Screws Included:** Included screws are designed for wood post installation. For metal posts, use suitable metal screws or fasteners separately.

Installation Steps

- 1. Mark Cable Locations** - Mark the cable locations on the starting and ending posts. Recommended cable spacing is about 3". Always follow local IRC/IBC requirements and local building codes. Cable openings must not allow a 4" sphere to pass through.
- 2. Install the Surface-Mount Bases** - Position the Swage Tensioner on one post and the Swage End Fitting on the opposite post. Fasten the bases to the wood posts using the included wood screws. Make sure both fittings are aligned with the cable run before tightening the screws.
- 3. Measure and Cut the Cable** - Measure the required cable length carefully. Cut the 1/8" stainless steel cable to length using a cable cutter. Check the cable length before crimping.
- 4. Insert Cable into Both Swage Fittings** - Insert one cable end fully into the swage section of the Swage Tensioner. Insert the opposite cable end fully into the Swage End Fitting. Make sure the cable is fully seated inside both fittings before crimping.
- 5. Crimp Both Swage Ends** - Use a hydraulic crimping tool to crimp both swage sections securely. Follow the crimping tool instructions and apply the correct crimping pressure. After crimping, inspect both ends to make sure the cable is firmly secured.
- 6. Final Cable Tensioning** - Use a 3/8" wrench to rotate the tensioner body until the cable is fully tensioned. Hold the opposite fitting if needed to prevent movement. Do not over-tighten. Adjust until the cable is straight, firm, and properly aligned.

Technical Notes

- Recommended cable spacing: about 3".
- Always follow local IRC/IBC requirements and local building codes. Cable openings must not allow a 4" sphere to pass through.
- For indoor and outdoor use.
- For wood posts, use the included wood screws. For metal posts, use suitable metal screws or fasteners separately.

Important: The swage connection is permanent after crimping. Confirm cable length and fitting position before crimping.

SWAGE CRIMP INSTALLATION

For 1/8" Stainless Steel Cable Railing System

1 Mark Mounting Holes



2 Drill Pilot Holes



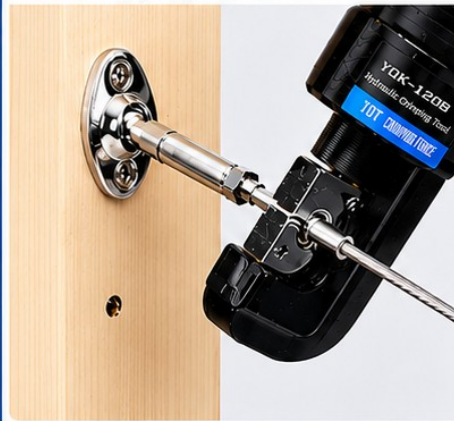
3 Install Fixed End Fitting



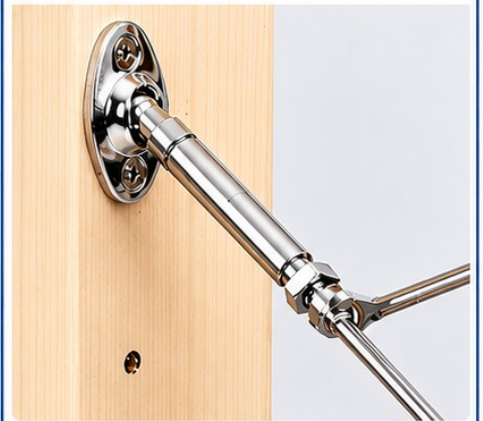
4 Install Tensioner End



5 Crimp Cable with Hydraulic Tool



6 Final Tensioning



Hydraulic Crimping
Tool Required



For 1/8" Stainless
Steel Cable



Step-by-Step
Installation



Professional
Installation
Recommended