

# *Stiff Arms*<sup>TM</sup> – Ladder Stiffener System

(patent pending)

by

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# *Stiff Arms*<sup>TM</sup> – Ladder Stiffener

- A new multi-position ladder safety accessory
- Removes dangerous ladder motion, sway and bounce
- Cable truss kit attaches quickly to any multi-position ladder
- Creates a solid climbing platform
- Reduces ladder deflections by up to 75%
- Greatly improves safety, comfort & confidence
- Kits available for 18-26 ft. reach ladders

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## Product Includes:

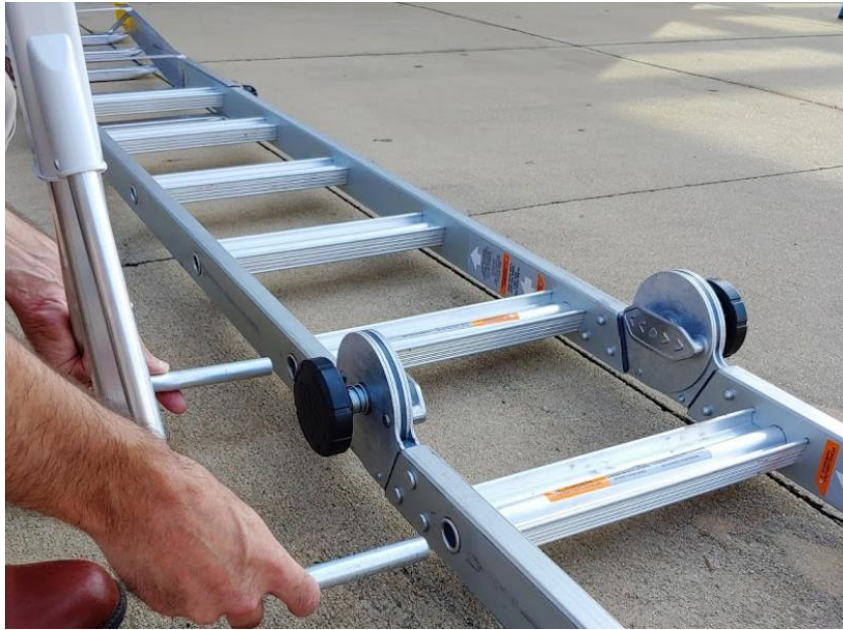
- Sturdy telescoping arms in molded housing
- Tubular arms for quick insertion into rungs
- Molded low friction cable guides
- High tensile 4mm 7x19 wire cable
- Stainless steel cable anchors & clamps
- Molded rail-mounted cable brackets



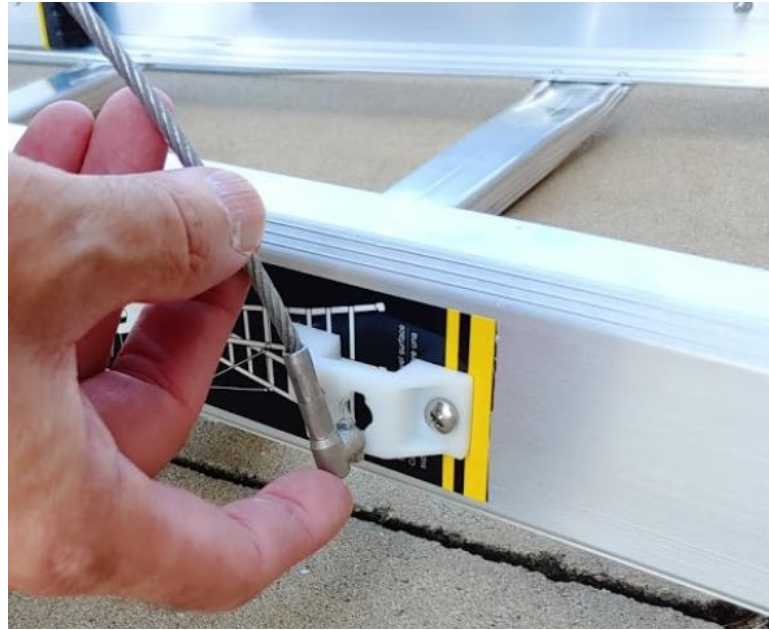


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## Cable Truss Set-Up:



1. Arms insert into ladder rungs



2. Cable anchors lock to brackets at upper end of rails



3. Cable routes through fingers of cable guide

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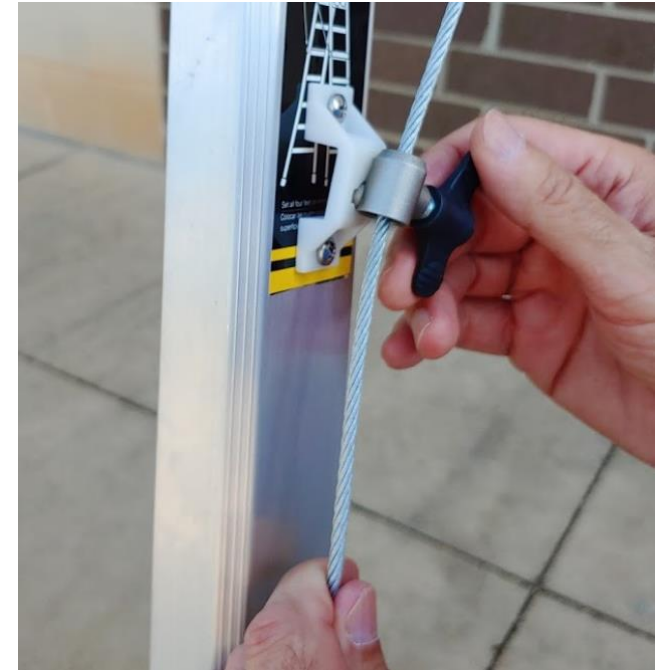
## Cable Truss Set-Up:



4. Ladder is lifted to standing position



5. Cable clamps lock to brackets at lower end of rails



6. Clamp screw is tightened by hand



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## Truss Arm Design:

- Truss arms are angled apart to provide simultaneous stiffening in orthogonal and lateral directions
- Ladder stiffness is improved by a factor of 4 to create a stable, motion-free climbing platform

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## Simple Removal & Storage:

- Arms collapse to shortened length
- Cables coil neatly on storage brackets
- Compact *Stiff Arms*<sup>TM</sup> store anywhere