



TUF-TUG ROPE GRABS

WARNING! YOU MUST READ AND FULLY UNDERSTAND OR HAVE THESE INSTRUCTIONS EXPLAINED TO YOU BEFORE USING THIS EQUIPMENT. FAILURE TO OBSERVE THE LIMITATIONS, CAUTIONS AND WARNINGS IN THESE INSTRUCTIONS COULD RESULT IN SEVERE PERSONAL INJURY.

Equipment users must be fully trained in and conversant with all regulatory requirements applicable to the workplace in which the fall protection equipment is to be used. If in doubt contact your local OSHA office for clarification. These instructions are not a substitute for a formal climbing and Fall Protection Training Program. Such training should include information about local circumstances, rules and regulations applicable to the work situation, a hands on opportunity to learn how to wear and attach equipment properly, instructions about adequate anchor points and the proper techniques for securing and connecting lanyards, drop lines or lifelines, and guidance and demonstration on how to inspect and maintain the equipment.

SYSTEM REQUIREMENTS: TUF-TUG Rope Grabs (Fall Arresters) are designed to meet the performance requirements of ANSI Z359.1 and OSHA 1926 "M" when installed and maintained properly. In accordance with these specifications the TTARG and TTRRG series meet the static load requirements of 3600 lbs. and the dynamic load requirements of 300 lbs. TUF-TUG Rope Grabs are designed for use as a one person fall arrester restraint system with a maximum weight (person and equipment) of 310 lbs..

NOTE: These Rope Grabs are intended to be used as part of a complete personal fall protection system. All components, subsystems and connectors should be compatible and meet the appropriate OSHA/ANSI requirements for the intended application. Substandard or non-approved components could compromise the reliability of the system and jeopardize the safety of the user.

BEFORE EACH USE: Inspect mechanism for proper operation by pivoting cams back and forth. Movement should be free and easy without binding. Check units for deformation, defects, corrosion or wear that may affect the free movement and/or operation of the mechanism. Units with signs of any of the above check items should be removed from service and discarded.

If your Fall Arrester has a web lanyard attached, check for signs of security, wear and/or abrasion at the sewn end attachments and anywhere along the exposed length. Snap hooks should be of the double latched design and also be free of cracks, corrosion, deformation and defects. The latch should work freely and automatically lock when released. If any of the connectors on your Fall Arrester are in question, remove assembly from service and disregard.

KNOW YOUR WORKPLACE: Assess the workplace for hazards such as heat, flames, chemical, electrical, environmental, sharp objects, moving equipment, unstable/uneven or slippery surfaces. Identify the potential hazards and plan the installation to avoid dangerous paths, obstructions and zones. Have an emergency rescue/contingency plan in place in the event that an accident may occur.

USE CONSIDERATIONS

*TTARG/TTRRG are designed as part of a one person fall arrest/restraint system with 310 lb. maximum capacity.

*Either a 5/8 dia. or 3/4" life line with a minimum tensile of 5000 lbs. is required and specified on the mechanism. Reference TTLL information/spec. sheet for further details.

*Anchor point should be capable of supporting a 5000 lb. load and located above the user. Reference TTRAB/WAB information/spec. sheet for further details.

*Lanyards should be selected to meet the application with a 5000 lb. tensile strength on all components. A two foot length with a shock absorber and double latched safety hook is recommended. Lanyard maximum extension should not exceed 6 ft.

*Never allow rope or rope grab to contact any outside objects during use. Make sure that your work path is free and clear of obstructions and hazards.

*Always keep rope grab above user on the life line.

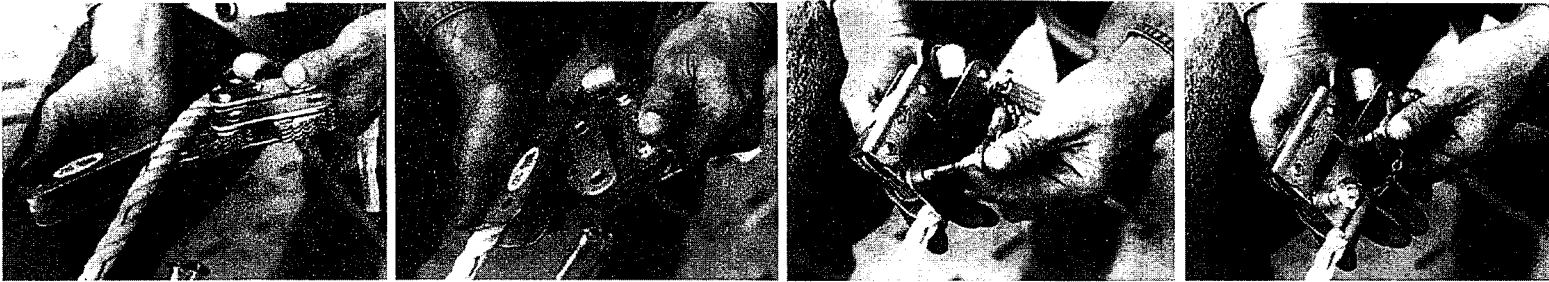
*Never work above sharp objects within the 6 ft. fall zone and always keep adequate clearance.

*Avoid swing falls by working below the anchor point whenever possible.

*If Rope Grab is subject to an arrest, it should be removed from service and disarded.

INSTALLATION/USE:

(A) Release pull pins and remove from unit.



B) Open unit by pivoting cams away from housing

C) Insert life line as shown.

D) Close unit by pivoting cams onto rope, making sure that arrow is pointing up.

E) Reinsert pins into housing making sure that ball detent passes through assembly.

F) Check security of pins by trying to remove without releasing button.

G) Work cams back and forth and run fall arrester up and down to assure functionability and freedom of movement.

H) Test installation by pulling down sharply on the attachment eye to ensure that the mechanism locks onto the life line.

I) After use always clean mechanism and lubricate pivot points. Inspect unit for wear, damage and/or defects. Record inspection results and keep on file.

J) Keep your rope grab/fall arrester in a safe/dry storage location to prolong its service life and assure its functionability.

WARNING: All users of fall protection equipment must be in good health, must not have a medical history of conditions that could be aggravated by a fall, must be mentally fit and must not be under the influence of alcohol or drugs. Inattention to these factors could cause falls, serious injury or death!

WARNING: Any component which has arrested a fall must be immediately removed from service.

WARNING: Do not attempt to repair damaged equipment. Remove from service immediately.

WARNING: Discard equipment if there is any evidence of excessive wear, damage or malfunction.

ALWAYS BE CAREFUL! Your safety is important to us. If a situation is questionable, consult a qualified professional for proper procedures or reference appropriate specifications.

For other TUF-TUG Safety Hardware; Confined Space Tripods, Man Winches, Rope Grabs and/or Anchor Brackets contact:

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