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MSA Rescue Pole/Remote Hook

Application, Operation, Maintenance & Inspection Instructions Manual

**Please read this manual.
This information is vital to your safety.**

WARNING

THESE INSTRUCTIONS MUST BE PROVIDED TO THE USER. MANAGEMENT AND USER MUST READ AND UNDERSTAND THESE INSTRUCTIONS; FAILURE TO DO SO COULD RESULT IN SERIOUS INJURY OR DEATH.

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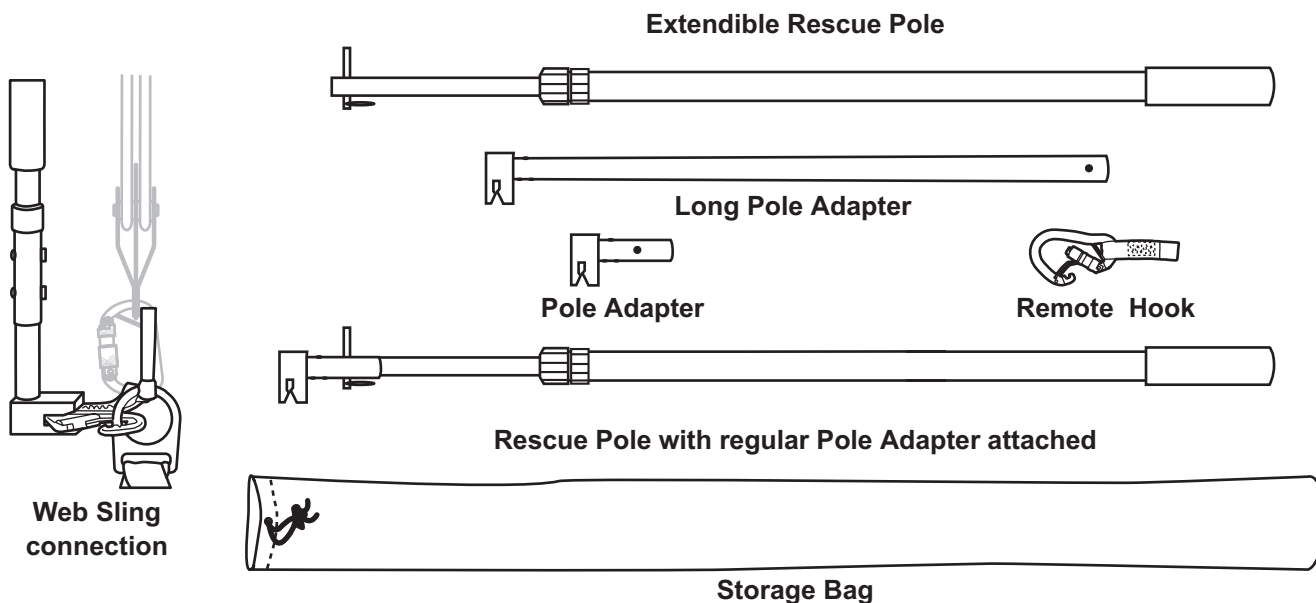
Application

The MSA Rescue Pole/Remote Hook is designed as a rescue tool for the retrieval of a worker suspended in a fall arrest system. In most rescue cases, the need for the rescuer to go to the fallen worker is limited. The MSA Rescue Pole/Remote Hook is an effective tool which will allow the rescuer to attach a retrieval system to the victim, eliminating the need to descend to the victim. The Rescue Pole can be used in wide variety of rescue applications and will serve as an excellent tool to help perform a safer, efficient rescue.

Function

One of the most challenging aspects of conducting a rescue is connecting the victim to a retrieval system. The function of the MSA Rescue Pole/Remote Hook is to serve as a quick and safe means of connecting a rescue retrieval system to the worker who has fallen on a fall arrest system. Using a releasable locking attachment hook (Remote Hook) connected to the end of the pole, a rescuer can securely attach a retrieval system into the victim's connection point on the harness.

Name of Each Part



Rescue Pole

- Extendible telescopic design
- Fiberglass construction
- Twist locking mechanism
- Initial length 6 ft. (1.8 m)
- Fully extended length 12 ft. (3.6 m)
- Two telescopic sections
- Approx. weight 5.0 lbs (2.3 kg)

Pole Adapter

- | | | |
|---|--|--|
| <ul style="list-style-type: none"> • Aluminum pole fitting • Rubberized finger holder • Available in regular or long adapter | <p>Regular Adapter</p> <ul style="list-style-type: none"> • Length 6 inches (15 cm) • Approx. weight 0.5 lbs (0.2 kg) | <p>Long Adapter</p> <ul style="list-style-type: none"> • Length 6 ft. (1.8 m) • Approx. weight 3.56 lbs (1.61 kg) |
|---|--|--|

Remote Hook

- | | | |
|---|--|--|
| <ul style="list-style-type: none"> • Aluminum construction • Approx. weight 0.32 lbs (0.145 kg) | <ul style="list-style-type: none"> • Spring loaded gate lock • Integral web sling
-MBS 5,000 lbs (22 kN) | <ul style="list-style-type: none"> • M.B.S. 25 kN (5,620 lbs) • Individually proof loaded to 3600 lbs (1,633 kg) |
|---|--|--|

Storage Bag

- Heavy Nylon construction
- Draw cord closure
- Will hold pole with regular or long adapter

Operating Instruction



WARNING It is the responsibility of the user's company to have a written rescue plan in place prior to using the rescue pole as part of a rescue kit. The rescue plan procedures must be practiced in anticipation of an emergency to ensure an effective rescue.

1. Carry Rescue Pole/Remote Hook and Retrieval System to a safe location close to the incident site.
2. Determine the length of the pole required to be able to reach the suspended worker. The rescue pole is of telescopic design and can be extended to the required length. To extend, secure the lower end of the pole and loosen the threaded collar. Next, turn the upper section of the pole counter clockwise. This will unlock the telescopic sections which then can be adjusted to the necessary length (Fig. 1).
3. Once the pole has been extended to the required length, lock the pole sections in position by turning the upper end of the pole clockwise until it snaps audibly into locking position and tighten the threaded collar. Verify that the telescopic sections are locked in position to ensure the desired length is maintained during the rescue procedure (Fig. 2).

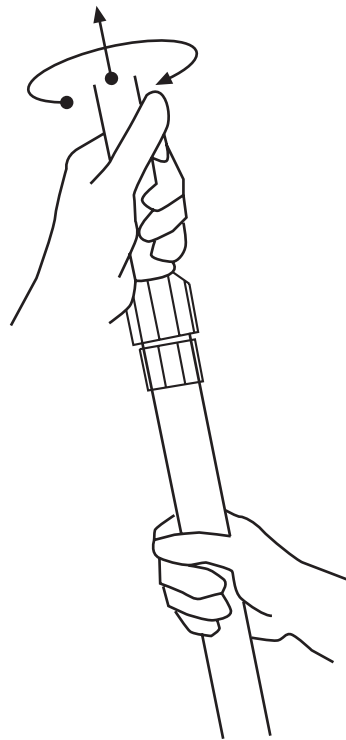


Fig. 1

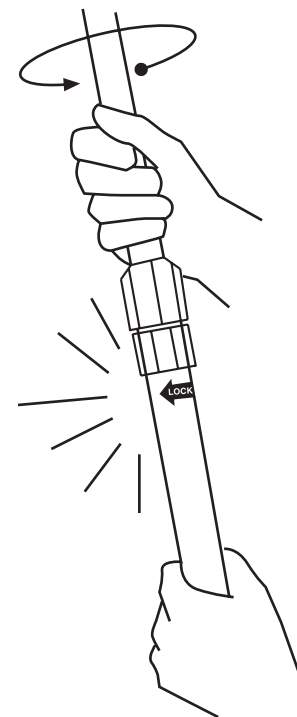


Fig. 2

4. Prepare the Remote Hook to be placed in the pole adapter. Fold the integral sling over the carabiner, ensure the sling is on top of the carabiner (Fig. 3). Open the gate by turning the barrel lock 1/4 turn and pushing the gate back (Fig. 4a). Lock the gate open by pulling the spring clip down and engage the clip end in the machined groove of the barrel lock (Fig. 4a). Secure the carabiner into the pole adapter with a forceful push (Fig. 4b).
5. Connect the rescue retrieval system to be used into the free end of the web sling connected to the Remote Hook (Fig. 5).
6. Securely hold the rescue system along the shaft of the pole while using the Rescue Pole for easy handling during operation (Fig. 6).
7. Position the Rescue Pole to connect the Remote Hook into the victim's dorsal d-ring on their full body harness.
8. Once positioned, gently move the pole to apply pressure along the inner surface of the remote hook against the dorsal d-ring (Fig. 7). With increased pressure, the remote hook gate will disengage from the open position. Ensure the gate of the remote hook is closed through a visual confirmation (Fig. 8).
9. Firmly raise the rescue pole to disengage the Remote

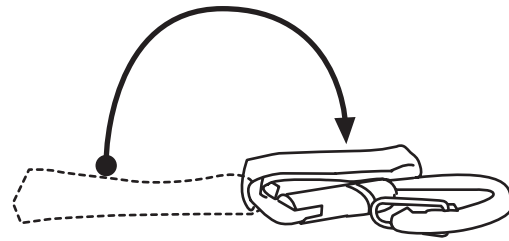


Fig. 3

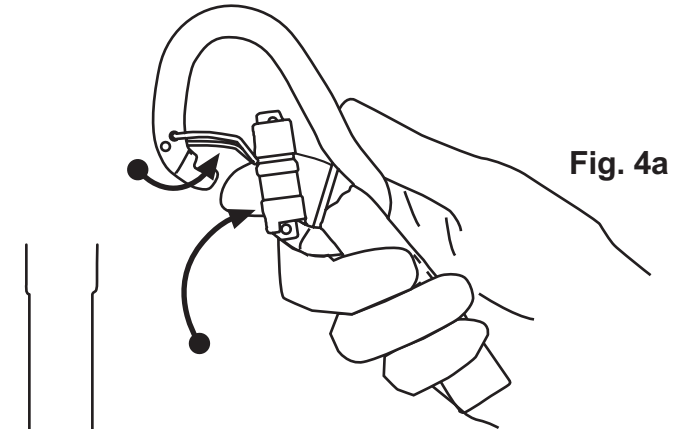


Fig. 4a

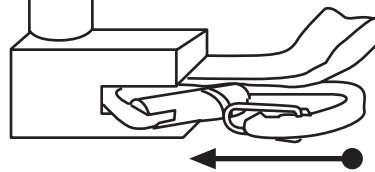


Fig. 4b

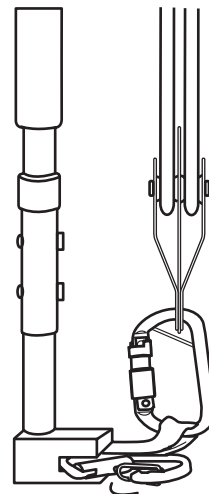


Fig. 5

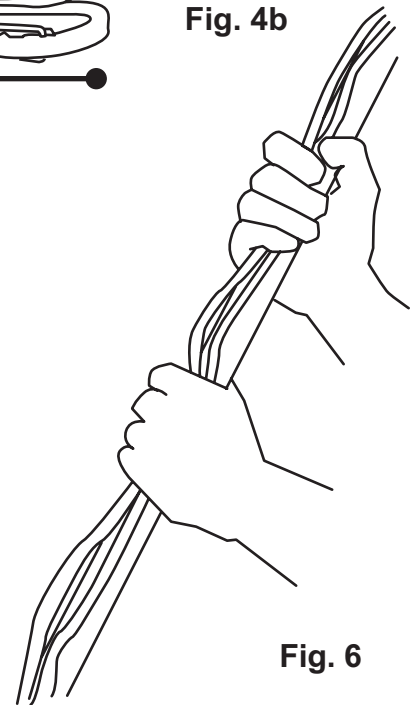


Fig. 6

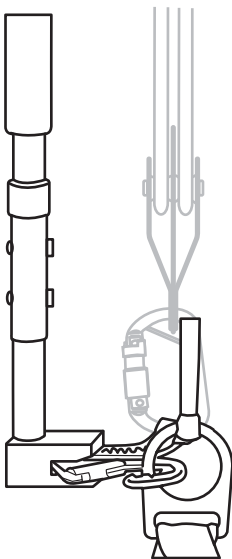


Fig. 7

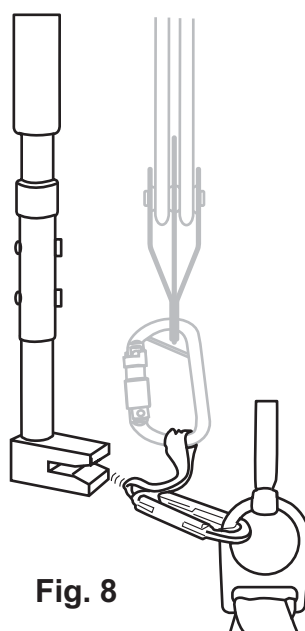



Fig. 8



WARNING

If carabiners are used to connect the rescue retrieval system to the web sling on the remote hook, ensure that the carabiner is orientated to safely accept a load, and properly closed and locked. Avoid cross-gate loading and loading with gate partially open.

NOTE: A person within the user's organization must be appointed to be responsible for inspection, maintenance, and storage of equipment. The Rescue Pole /Remote Hook should be sealed to discourage tampering and only removed for rescue practices, annual inspections, and in the event of an emergency.

1. The MSA Rescue Pole /Remote Hook shall be inspected before practice sessions, after use and additionally by a competent person other than the user at intervals of no more than one year. Detailed inspections must be recorded in the inspection log.
2. When inspection reveals defects, damage, or inadequate maintenance of any component of the Rescue Pole system, the component affected shall be permanently removed from service and replaced or undergo adequate corrective maintenance before returning to service.
3. Remove Rescue Pole /Remote Hook from service immediately if:
 - it has been subjected to excessive shock loading.
 - there is evidence of defects, improper function, improper fit of components, missing components or alterations of any portion.
 - if inspection reveals evidence of defects or damage to hardware and/or software elements including cracks, dents, sharp edges, deformation, cuts, tearing, heat burns, corrosion, chemical attack, excessive heating, excessive aging, or excessive wear.
4. MSA or persons or entities authorized in writing by the manufacturer, shall make all repairs to the equipment. No unauthorized repairs and/or modifications are permitted.

Maintenance and Storage

1. Maintenance and storage of equipment shall be conducted by the user's organization in accordance with MSA instructions. Unique issues, which may arise due to conditions of use, shall be addressed with MSA.
2. Devices which are in need of or scheduled for maintenance shall be tagged as "unusable" and removed from service until maintenance is completed.
3. To clean use a mild soap. Wipe device dry after cleaning.
4. Store in a clean, dry area specifically set aside for emergency equipment. Avoid storage in areas of excessive heat, harmful fumes, and corrosive agents.
5. When in doubt of the method of operation, maintenance or inspection procedures, **DO NOT USE**.

Design Statement

1. The MSA Rescue Pole and Remote Hook shall comply to all government or other applicable regulations and standards.
2. Design working load for the remote hook is one person or 300 lbs (136 kg).
3. The MSA Rescue Pole/Remote Hook is only part of a rescue solution. It must be used in conjunction with a recommended rescue retrieval system for raising or lowering the victim.
4. MSA has developed a variety of pole adapters to suit various rescue poles. Call MSA at 1-800-661-3013 for further information.



WARNING MSA Rescue Pole/Remote Hook are to be designated and used solely for rescue applications. MSA Rescue products may not be used while under the influence of drugs or alcohol.

Model Number _____ Date Purchased _____

Inspection Date	Corrective Action Taken	Maintenance Performed
Inspection Items Noted		
Approved by		

Inspection Date	Corrective Action Taken	Maintenance Performed
Inspection Items Noted		
Approved by		

Inspection Date	Corrective Action Taken	Maintenance Performed
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Inspection Items Noted		
Approved by		

Express Warranty – MSA warrants that the product furnished is free from mechanical defects or faulty workmanship for a period of one (1) year from first use or eighteen (18) months from date of shipment, whichever occurs first, provided it is maintained and used in accordance with MSA's instructions and/or recommendations. Replacement parts and repairs are warranted for ninety (90) days from the date of repair of the product or sale of the replacement part, whichever occurs first. MSA shall be released from all obligations under this warranty in the event repairs or modifications are made by persons other than its own authorized service personnel or if the warranty claim results from misuse of the product. No agent, employee or representative of MSA may bind MSA to any affirmation, representation or modification of the warranty concerning the goods sold under this contract. MSA makes no warranty concerning components or accessories not manufactured by MSA, but will pass on to the Purchaser all warranties of manufacturers of such components. THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS, IMPLIED OR STATUTORY, AND IS STRICTLY LIMITED TO THE TERMS HEREOF. MSA SPECIFICALLY DISCLAIMS ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

Exclusive Remedy - It is expressly agreed that the Purchaser's sole and exclusive remedy for breach of the above warranty, for any tortious conduct of MSA, or for any other cause of action, shall be the repair and/or replacement, at MSA's option, of any equipment or parts thereof, that after examination by MSA are proven to be defective. Replacement equipment and/or parts will be provided at no cost to the Purchaser, F.O.B. Purchaser's named place of destination. Failure of MSA to successfully repair any nonconforming product shall not cause the remedy established hereby to fail of its essential purpose.

Exclusion of Consequential Damages - Purchaser specifically understands and agrees that under no circumstances will MSA be liable to Purchaser for economic, special, incidental, or consequential damages or losses of any kind whatsoever, including but not limited to, loss of anticipated profits and any other loss caused by reason of the non-operation of the goods. This exclusion is applicable to claims for breach of warranty, tortious conduct or any other cause of action against MSA.

For additional information, please contact the Customer Service Department at 1-800-MSA-2222 (1-800-672-2222).