



Operation and Maintenance Manual for FrenchCreek Production TP Series Tripod and R-Series Self Retracting Lifelines with Emergency Retrieval Capability



⚠️ WARNING ⚠️

USER MUST READ, UNDERSTAND AND FOLLOW ALL INSTRUCTIONS BEFORE USE. FAILURE TO DO SO CAN RESULT IN SERIOUS INJURY OR DEATH. CONTACT FRENCHCREEK PRODUCTION OR YOUR LOCAL FRENCHCREEK DISTRIBUTOR IF ADDITIONAL INSTRUCTIONS ARE NEEDED.

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100% Owned and Operated in the U.S.A 1

R-Series Retrieval Unit Function

R Series Retractable lifelines offer both fall-arrest protection, and means of personnel retrieval should an incapacitated person need rescued. These are the two modes of the R-series:

Retractable mode: When the unit is functioning as a retractable lifeline, paying cable in and out as the worker moves, locking and catching a worker should they fall.

Winch mode: When the unit is engaged in winch mode, an attendant can crank on the unit and raise or lower a fellow worker out of the hazardous environment.

Using the R-Series

The R-Series comes in retractable mode when new. The only way to tell this by looking is at the base of the handle. When the base of the handle protrudes from the housing 1 1/2", the unit is in retractable mode (Figure 8)

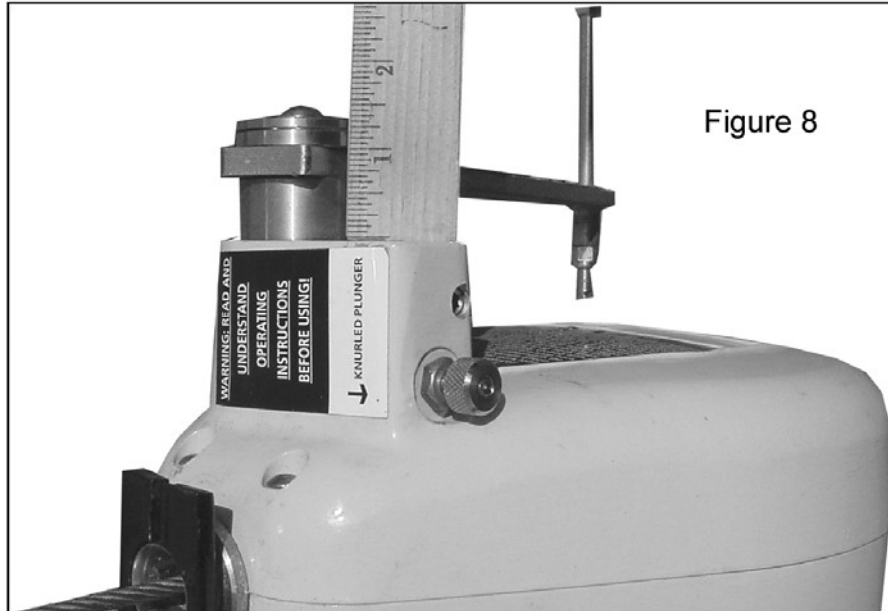


Figure 8

Also, pull on the lifeline, and if the line comes out of the unit, and automatically pulls back in, the unit is in retractable mode.

To switch the R-series from retractable mode to winch mode, perform the following action:

1. Pull out and hold the knurled plunger
2. Push straight in on the base of the handle, giving the handle a turn clockwise to ensure that the gears mesh properly. (Figure 9)
3. Once the base of the handle is protruding 1" (instead of 1 1/2") from the housing (Figure 10), the unit is in winch mode, and now can raise and lower.
4. Release knurled plunger. The unit should now be able to crank cable in and out.

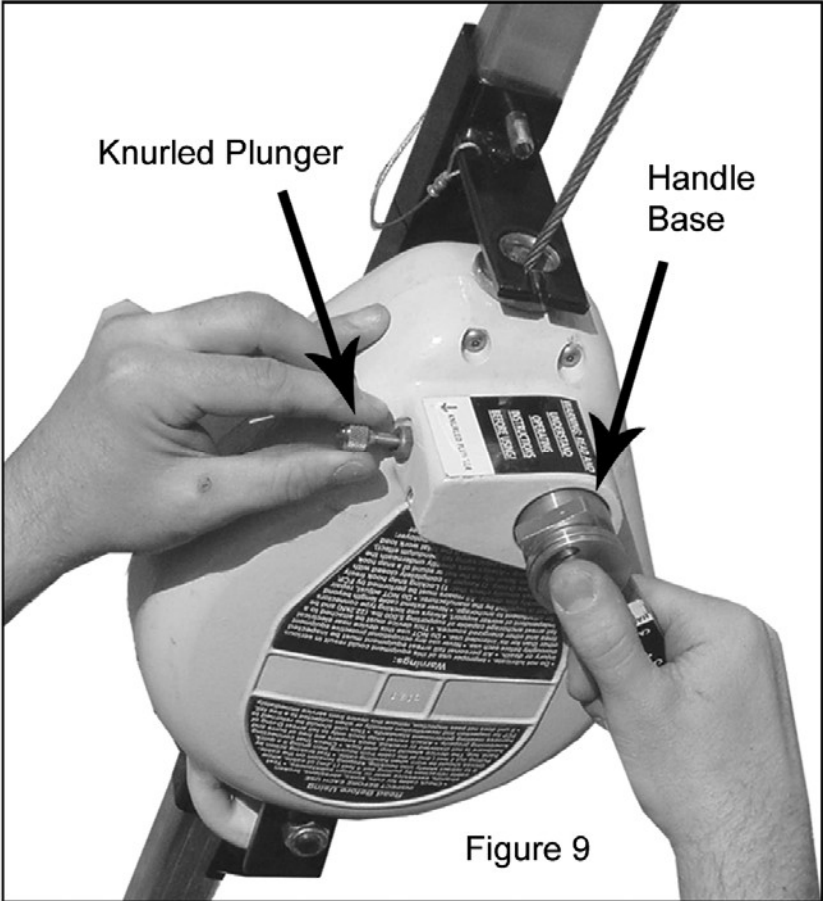


Figure 9

Switching unit into and out of winch mode

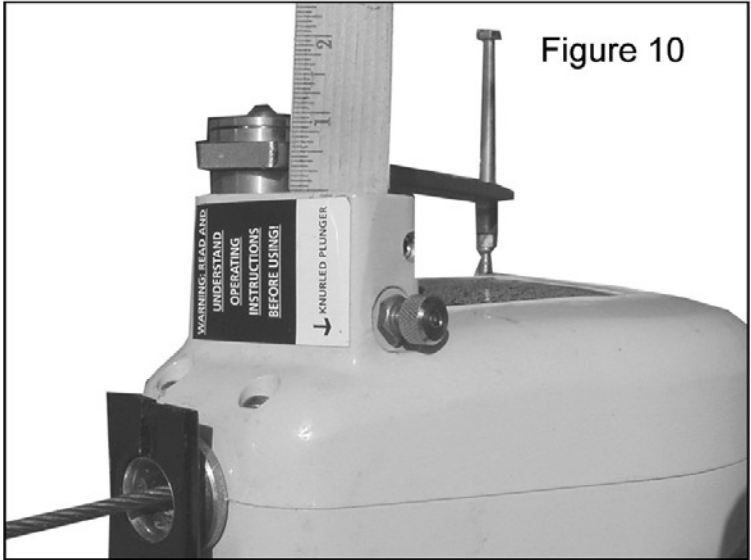


Figure 10

R-Series in winch mode

ENTRY AND EXIT, ONE PERSON, WITH PRIMARY MEANS OF ENTRY/EXIT:

The entrant must wear a full body harness snugly as per the manufacturer's recommendations. The attendant will place the R-Series unit into retractable mode, then attach the lifeline to the entrant's dee ring located on the center of the back. The entrant will enter the confined space by the primary means of entry (ladder, rungs, etc.). When the work to be done is completed, the entrant shall exit by the primary means of exit. At no time should the winch be engaged to provide general entry or exit operations.

ENTRY AND EXIT, ONE PERSON, WITHOUT PRIMARY MEANS OF ENTRY/EXIT

The entrant must wear a full body harness snugly as per the manufacturer's recommendations. The attendant will place the R-Series unit back into retractable mode, then attach the snap hook to the entrants harness dee ring located on the center of his back. The entrant will enter the confined space by means of a secondary winch that is either attached to his center/back dee ring or to a front, seat dee ring. The entrant must always be attached to the R-Series by the harness back dee ring. When the work to be done is completed, the entrant shall exit by the confined space by means of a secondary winch that is either attached to his center back dee ring or to a front, seat dee ring. At no time should the primary R-Series winch be engaged to provide general entry or exit operations.

ENTRY AND EXIT, MORE THAN ONE PERSON

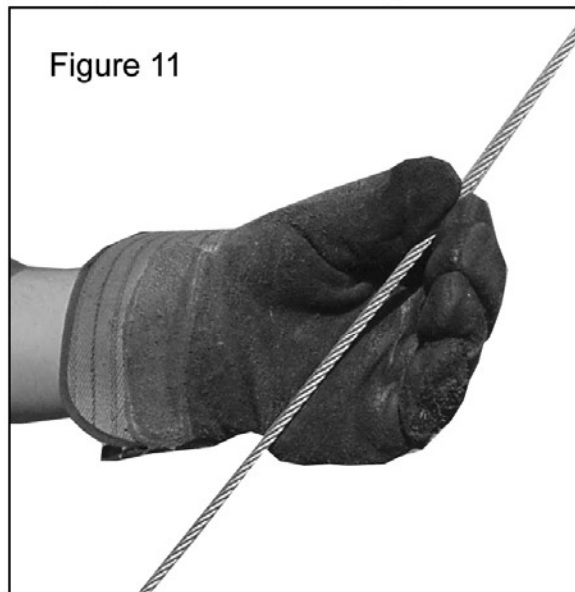
This type of entry provides for increased hazards. Check to see if additional entry/exit points may be established and used. Although more than one R-Series unit may be used on a tripod, only one person at a time may be subjected to fall hazards, potential rescue or rescue procedures. Consult your local manufacturer's representative, or confined space specialist for specific details, suggestions, and regulations that you may encounter.

RESCUE:

At any time, should the entrant fall while entering or exiting, the fall will be arrested by the R-Series unit. Should the entrant be able to regain footing, and continue on, it should be done. But, should it become necessary to rescue him, the attendant shall proceed with switching the unit to winch mode as described in the "Using the R-Series" section of this manual. The attendant shall now begin rescue procedures by cranking the unit to retrieve the entrant. The attendant shall winch the entrant up to a level in which the waist is still in the hole. At this point, the attendant will stop winching, bend at the knees, and lift the entrant onto the lip of the confined space. Once seated, the attendant will crank counter-clockwise to lay the entrant down. The proper rescue authorities may now be summoned as per the confined space entry sheet.

ON-SITE OPERATION INSPECTION:

1. With the unit in retractable mode, ensure that the cable extends and retracts smoothly, completely, and easily.
2. Test the fall arrest braking system by pulling out approximately 24 inches of cable and give it a quick, sharp pull while maintaining pressure on the cable. The cable should lock and not allow additional cable from coming out of the unit.
3. To test the winch mode, maintain a slight downward pressure on the cable and switch the unit to winch mode. Maintain at least 20 pounds of force on the cable, and winch the cable in and out by turning the crank clockwise and counter-clockwise. Cable should freely go in and out of the unit when cranking.
4. Check the winch brake by leaving the unit in winch mode, and pull out on the cable. Cable should not be able to come out of the unit, and the winch handle should not move.
5. Inspect cable. Be sure that the unit is in retractable mode. Pull all cable out of the unit, and wearing gloves, slowly let the cable retract back into the unit, visually checking for damaged cable, and feeling for broken strands with the glove. (Figure 11)



Inspection of cable in R-Series

6. Check Load indicating swivel snap on end of cable. Be sure that the gate keeper remains locked unless the locking keeper is depressed. Be sure that the red indicator is not showing, as that means that the unit has been impacted and should be removed from service.

IF THE R-SERIES UNIT DOES NOT PASS ANY ONE OF THE INSPECTION CRITERIA ABOVE, REMOVE FROM SERVICE IMMEDIATELY. CONTACT FRENCHCREEK PRODUCTION IF REPAIRS ARE NEEDED.

WARNINGS

- Do not use this equipment for other than its intended purpose. Uses other than for intended purpose can result in serious injury or death.
- Do not use equipment beyond rated capacity.
- Always follow manufacturer's instructions. If additional instructions are required, please contact FrenchCreek Production customer service at 1-877-228-9327
- Inspect before each use
- Be sure to use equipment in accordance with applicable local, state and federal regulations.
- Do not attempt to adjust or repair any components. Doing so could cause failure of the equipment, and cause serious injury or death.
- This equipment should only be operated by fully trained personnel.

100% OWNED AND OPERATED IN THE U.S.A.

F&P

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