

TED® ROD CONTINUOUS MAINROAD

Estimated Time: 15 minutes

Safety: Wear gloves and goggles

NECESSARY MATERIAL

For safely securing the rod before removal :

- Heavy duty collars of the "double closure collar" type 550 mm (PN: 1437)
- Pince à collier (Réf : 1860)

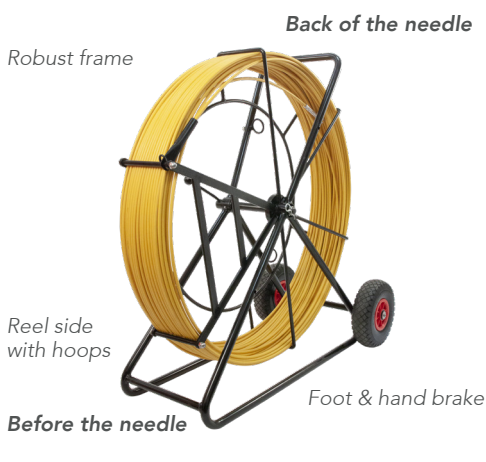


For assembly/disassembly:

- 2 x 17 mm wrenches or adjustable wrenches (PN: 1633)
- 1 flat key 13 mm (PN :32022)
- 1 30 mm pipe wrench (PN : 1640)
- 1 6 to 8 cm wedge type cleat (optional)



INTRODUCTION



UNLOADING THE ROD TO BE REPLACED

- 1 Secure the rod to be replaced while still in its frame. Secure it at 6 points (minimum) distributed over the crown of the rod. Caution: If the rush is broken or weakened, remember to place cable ties before and after the damaged point to hold the ends in place.

NB: Ensure that the cable ties used are sufficiently robust and correctly adjusted before dismantling the needle.



- 2 Remove the 2 guide rings Using 17 mm flat wrench

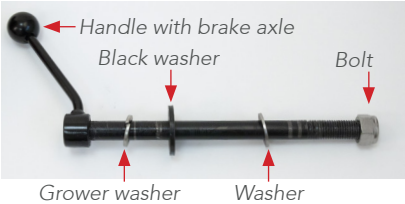


3 Remove the brake axle

- a. Remove the pin.
- b. Hold the bolt with the 30 mm socket wrench and unscrew with the brake handle. Collect the bolt and the washer.
- c. Completely unscrew the rest of the axle and remove it, collecting the black plastic washer on the handle side.



4 Reserve all brake elements



6 Remove the reel axle:

Lay the rod down with the hoops on the ground side and unscrew the 4 screws with a 13 mm wrench



8 Remove the cage from the top



5 Roll the rod out of its chassis

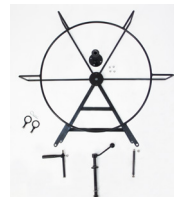


7 Remove the 2 spacers which close the rod cage then remove the retaining tube retaining ring.

Caution: Due to the flexibility of the ring, remember to hold it when removing the spacer and the tube.



9 Store the dismantled parts



MOUNTING THE REFILL

Preliminary note: The recommended instructions for fitting the new continuous rod correspond to a standard snap ring outlet: low towards the front of the needle (a) and a high outlet towards the rear (b) on the side opposite the brake as shown opposite.

For other reed output configurations, refer to the table in Appendix 1.



- 1 Position the rod bundle with the free end (without rotating ball) at the bottom.

Cover the rod with the rod's frame.
Standard assembly: The tip must be placed on the hoop side of the rod.



Free end of the ring.

- 2 Rotate the rod bundle with the cage until the end of the free ring is positioned at the top.



Free end of the ring.

- 3 Position the rod in the retaining frame

- a. Mark the length to be inserted into the retaining frame on the 1st spacer on the end of the ring.
- b. Push the ring in until it reaches the mark.
- c. Caution: The ring is in place when it is at the stop and visible in the slot.



- 4 Replace the 2 spacers to close the rods cage

Reassemble the spacer with the support tube in 1st (a.), then reassemble the 2nd spacer (b.). Then securely tighten with a 17 mm wrench (c.).
Standard assembly: The holding tube must be oriented so that it is facing the rear of the rod when reassembling. (see appendix 1)



- 5 Reassemble the reel axle**
Tighten the 4 screws with a 13 mm wrench



- 6 Replace the reel cage on the frame.**
Place the shim directly above the axis of the frame. Roll the cage to place it in the chassis. The shim makes it easier to align the axis of the reel with that of the frame.

Standard assembly: The reel must be mounted with the hoops on the brake side.



- 7 Reassemble the brake axle**
- Replace the washer on the brake axle on the handle side and insert into the frame.
 - Replace the black plastic washer before replacing the reel.
 - Align the reel and screw the brake axle into place.
 - Replace the washer with the retaining bolt. Screw the retaining bolt until the pin insertion hole appears.
 - Replace the pin.

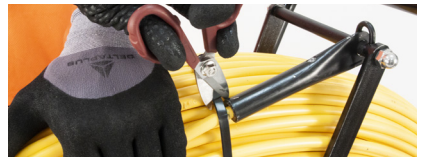
Caution: Do not tighten the brake shaft retaining bolt to the stop. The brake bolt must remain free to be functional.



- 8 Reassemble the 2 guide rings**
Using a 17 mm wrench



- 9 Release the reed in the frame**
Release the clamps 1 by 1 starting from the retaining tube.



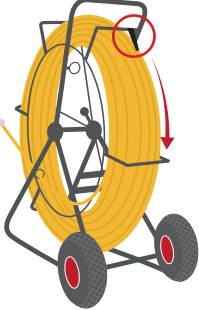
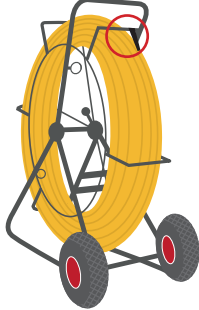
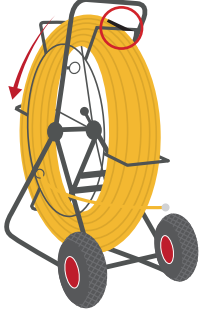
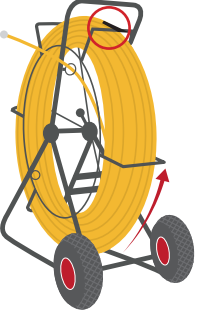
VERIFICATION :

- Check in the light of the retaining tube that the snap ring is still in place (as in step 3).
- Check that the brake is functional (if not, repeat step 7)

Your ROD is now ready and can be used.

Important: During the first uses, check that the ring remains in place in the retaining tube. Since the refill is calibrated to a diameter smaller than that of the reel, it will take a few uses for the ring to take its place properly in the reel.

APPENDIX 1: ASSEMBLY OF THE ROD FOR A GUIDE OUTLET ON THE SIDE OPPOSITE THE BRAKE

	Position of the rod in the cage	Installing the cage hoops placed on the brake side	
STANDARD ASSEMBLY	<p>Support tube on the hoop side and towards the rear of the rod (wheel side)</p>		
	<p>Support tube on the hoop side and towards the front of the needle (opposite the wheels)</p>		

Option: It is possible to use the rod with an exit on the brake side.

In this case, simply reverse the direction of assembly of the cage. The side with the hoops should be placed opposite the brake handle.

For the rest, no change. When the holding tube is oriented towards the front of the rod, the low outlet is at the back and the high outlet is at the front. When the holding tube is oriented towards the back of the needle, the low outlet is at the front and the high outlet is at the back.