



Afridev Pump Rod Replacement

Use this guide to replace a segment or segments of the pump rod.

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INTRODUCTION

This guide will show the procedure for removing each segment of the pump rod. It can be used to replace the entire rod, or just to replace a single pump rod segment.

TOOLS:

- **Socket Wrench (1)**
- **24mm Wrench (1)**
- **19 mm crescent wrench (1)**
- **T-Handle (1)**

Step 1 — Head



- Assemble the required tools, including the Afridev tool and crescent wrenches.

Step 2



- Perform a water test on the pump, by raising and lowering the handle a full 40 strokes. A properly performing pump will yield greater than 10 liters.

Step 3



- Loosen the bolt on front of the face plate with the Afridev tool.
- Remove the plate from the pump by lifting it straight up.

Step 4 — Axe and Handle



- Insert the T-handle into the top cylinder of the exposed pump rod.

Step 5



- Loosen the 2 bolts on either side of handle.

(i) It is not necessary to remove the bolt at this time; however, take caution to not let the bolt fall out of the handle.

Step 6



- Loosen the 2 bolts on either side of the head to remove the handle from the pump rod.

(i) It is not necessary to remove the bolt at this time; however, take caution to not let the bolt fall out of the handle.

Step 7



- Lift the handle to a horizontal position.

Step 8



- While one person lifts up on the T-handle, remove the bolt and connection pieces.

Step 9



- Remove the bolt and connection pieces from the handle.
- ⓘ Set the bolt pieces in a sanitary place, such as a bucket, to prevent contamination.

Step 10



- Remove the handle from the pump.
- ⓘ Be sure to set the handle in a sanitary place to prevent contamination.

Step 11 — Pump Rod



- Grab firmly on the T-handle and lift the pump rod straight up.
- Expose the first connection of the pump rod, and support the portion below the connection.

Step 12



- While holding the pump rod below the first connection tightly, lower the first portion of the rod to a horizontal position.

Step 13



- Unhook the first connection by pushing it out and down, then pulling it away from the rest of the rod.

Step 14



- Repeat steps 11-13 for the remaining sections of pump rod.
- Be sure to set the pump rod segments above the ground to avoid contamination.

To reassemble your device, follow these instructions in reverse order.