



Afridev Tank Replacement

If it is necessary to remove the casing to do repairs, the tank must first be removed.

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INTRODUCTION

Follow this guide to replace the casing of the Afridev pump, or to remove it for further repairs.

TOOLS:

- [Socket Wrench](#) (1)
 - [24mm Wrench](#) (1)
 - [19 mm crescent wrench](#) (1)
 - [T-Handle](#) (1)
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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 — Axle 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.
- ⓘ 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.
- ⓘ 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.

Step 15 — Tank



- Place one wrench on the top side of the top base of the tank spout.
- Place another wrench on the underside of the bolt in order to get more leverage.
- Pull the top wrench to the right, and the bottom wrench to the left.

Step 16



- Remove the loosened bolt from the pump.
- Repeat this procedure for the 3 remaining bolts.

Step 17



- Lift the tank straight up to remove it from the pump.
- ⓘ Be sure to place the tank in a sanitary place to prevent contamination.

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