

March 31, 2023

# TRAINING BULLETIN

#TB10009

## TOPIC

Replacing the unloader kit on RSV pumps

## MODEL REFERENCE

RSV3G30D, RSV35G40D, RSV4G40D



March 31, 2023

### QUICK DESCRIPTION:

The unloader, also commonly referred to as the regulator, of an RSV pump is integrated, molded into the pump head. Some people have difficulty replacing the unloader and the unloader seat. Here are the steps to replace the unloader kit.

Unscrew the black handle to remove it.

Unscrew the hexagonal nut using a metric 21mm spanner wrench



Once the unloader is removed you can see to the bottom where the seat is located.



To remove the seat, use a 6mm bolt, screw it into the threads of the seat and pull gently, there is nothing but the O-ring that holds the seat in place



March 31, 2023

Install the new seat, make sure the O-ring is installed and the seat is the right way (conical to the top). When you screw the seat on the 6mm Bolt, make sure the seat is flush with the bolt. Put white grease under the O-ring and gently push the seat back into place.

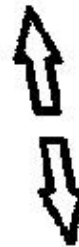
**Conical part**  
**Partie Conique**



**Machined part**  
**Partie usinée**



Unscrew the black handle on the new unloader until you can move the piston up and down.



Use a 21mm spanner wrench to tighten the hexagonal nut.

Screw the black handle back in place and tighten all the way.



The new unloader is installed, start the unit and adjust to the appropriate spec.