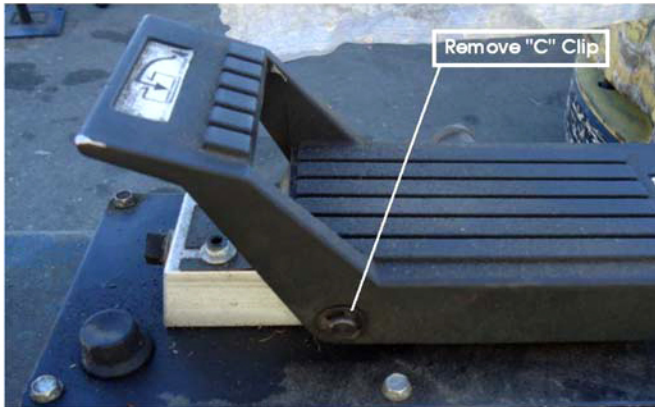
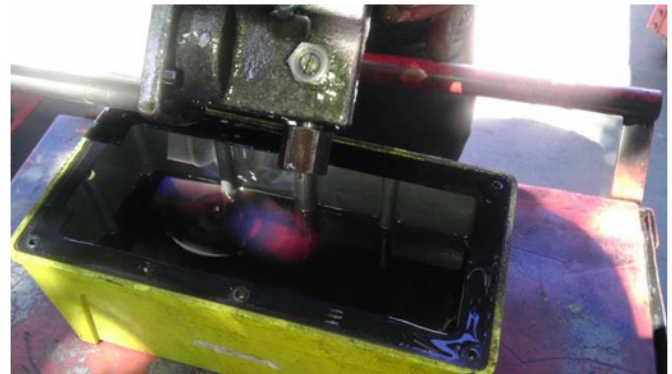


# Air/Hydraulic Treadle Pump (Foot Pump) Cleaning



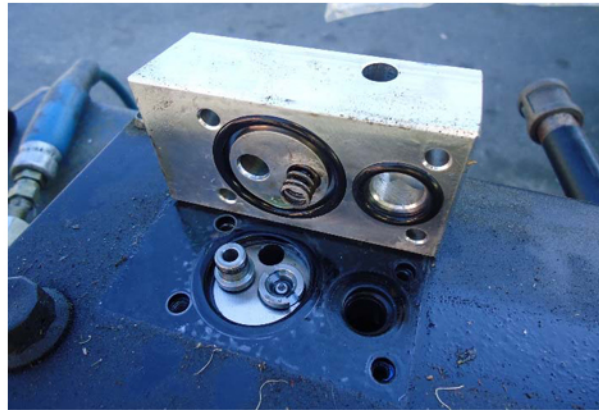
**Step 1) Remove the handle by removing the clip on one end and knocking the pin through**



**Step 2) Remove the 6 Allen screws to separate the pump from the tank.**



**Step 3) Pour out the fluid and wipe out the left over sludge/grime, then refill with new clean fluid using ISO-32 hydraulic fluid. Fill the tank about half way full.**



**Step 4) Remove the release block from the pump by removing the 4 Allen screws.**



**Step 5) Remove the plunger and clean then grease the plunger and reassemble.**



**Step 6) Check all openings and screens to make sure nothing is clogging them up.**





**Step 7) Make sure suction filter screen is clean.**



**Step 8) Once everything is clean and new fluid has been added, reassemble the pump.**

# Preparing for Operation

**Before the air/hydraulic pump is ready for normal operation, you need to make sure the pump's oil reservoir is full. Then, you can do a trial run of raising the jack.**

- 1. Remove the vented fill cap.**
- 2. Insert a dipstick or piece of plastic into the tank until it hits the bottom.**
- 3. Remove the dipstick or piece of plastic and measure the amount of oil. The hydraulic oil level should be from 3.35 to 3.5 inches deep.**
- 4. If the current level is below 3.35 inches, add hydraulic oil until level is between 3.35 inches and 3.5 inches. Approved fluids are general purpose ISO-32, ISO-46, or ISO-68 hydraulic oil or approved ATF fluids such as Dexron III, Dexron IV, Mercon V, Mercon LV, or any Synthetic Multi-Vehicle ATF.**
- 5. If the current level is already between 3.35 and 3.5 inches, no action needs to be taken.**
- 6. Reinstall the vented fill cap.**



**Figure 1. Open Brass Breather**