

## Cartridge Replacement Instructions For Herbicide and DEF Pumps

- 1) With the pump sitting on the inlet port, use a **T20 Torx** driver to remove the six Torx screws that attach the motor housing to the pump bottom.
- 2) Lift the pump off of the bottom housing and the top of the cartridge will now be visible.
- 3) Use small flat screwdriver to pry the cartridge out of the bottom housing being careful not to damage the large O-ring. Alternatively, you may also insert a small screwdriver into the discharge port and pry upwards on the end of the bolt and nut that is visible there.

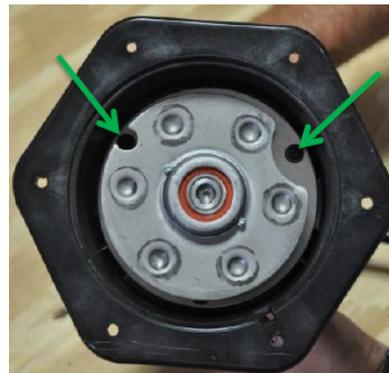


- 4) Remove the old cartridge. If you have purchased a cartridge kit that includes the bottom housing gasket, then the old gasket should be removed and replaced at this time. Insert the new cartridge and be sure to align it properly in the bottom housing.



**THE FLAT PORTION OF THE CARTRIDGE MUST ALIGN WITH THE FLAT ABOVE THE DISCHARGE PORT.**

- 5) Align the wobble plate so that two Phillips screws are visible and centred in the cutaway. Being sure not to rotate the wobble plate, place the pump motor back onto the bottom housing. The motor will not sit flat due to the angle of the wobble plate. Proper motor rotation will have the switch guard to the right when looking into the discharge port.



- 6) Using the T20 Torx driver, carefully start all six screws. Use the six-bolt star pattern shown here to carefully tighten all screws to a maximum torque of 15 in/lbs.
- 7) Test pump to ensure wobble plate is aligned correctly and that the cartridge has sealed properly.

