

Instructions for Maintenance and Repair CP3 /15 Series 2000 Knapsack Sprayer

Always ensure the sprayer has been thoroughly cleaned with appropriate detergents and is safe to work on. Maintenance work is easy to carry out if the following procedure is followed:

1. Turn the machine upside down, pull out the wire 'R' clip (28047000) and slide out the operating lever (730693)
2. Turn the machine the right way up and sit on the blue base, remove the hose (755601) from the top of the pump, beware there may be residual pressure released when you pull out the hose, operate the trigger assembly (755826) to release any pressure, from the pump cap, the hose may require pulling to the left and right and up and down whilst pulling the hose, to work loose from the pump cap.
3. Un-clip the pump operating rod (285042) from the top of the pump cap (322271), may need a wriggle from side to side whilst holding open the holding clip and pulling at the same time.
4. Undo the threaded collar (322272) which holds the pump in place, this may need to be loosened by means tapping the lugs on the collar in a counter clockwise direction, with a hammer and a suitable piece of wood, un screw the pump and remove.
5. Unscrew the pump cap (322271) and remove, beware of the ball bearing (210837) which is inside and can now roll out.
6. Ensure that the dip tube (284993) is inserted into the pump cap securely.
7. Replace the pump cap 'O' ring (242375), grease with silicone grease and screw back together.
8. Remove the pressure relief spring (220875) and replace if necessary.
9. To remove the cup seal (334708) at the bottom of the pump, immerse the seal in hot water for approximately five minutes, to soften the plastic, pull off the old seal, use a small screw driver to assist. Warm the new seal in hot water and fit to the bottom of the pump. Lightly grease the cup seal before refitting to the sprayer tank.
10. Remove the lower part of the piston cup (322269) which is screwed in to the base of the tank, clean inspect and replace, along with the poppit valve (334716)
11. Re-assemble the pump (755731) back into the sprayer, clip the operating rods back in to the top of the pump, then tighten the threaded collar (322272). Refit the operating lever (730693) and hose (755601).