PREVENTATIVE MAINTENANCE KIT 629097835 - 548000141

This kit provides instructions for replacement of the air compressor air filter and the concentrate pump internal tubing.

1.0 Air Compressor Air Filter

The air compressor (Fig. 1) is located in the left rear of the enclosure.

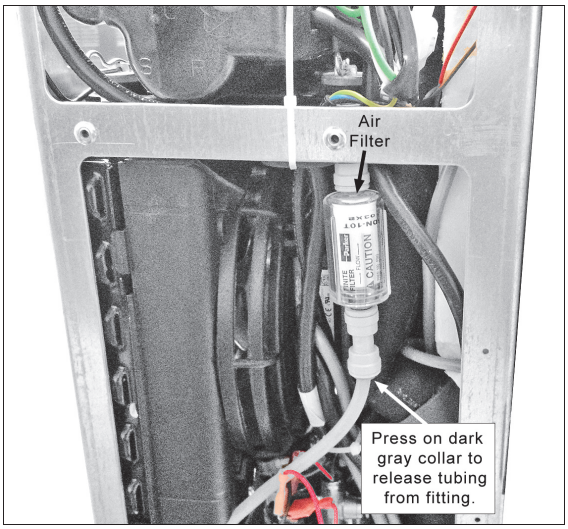


Figure 1 - Air Compressor Air Filter

1) Shut off the power to the dispenser and unplug the power cord from the wall receptacle.
2) Remove the top, back, and left access panels from the dispenser.
3) With power off, pull the relief valve ring (Fig. 2) to depressurize the air storage chamber.

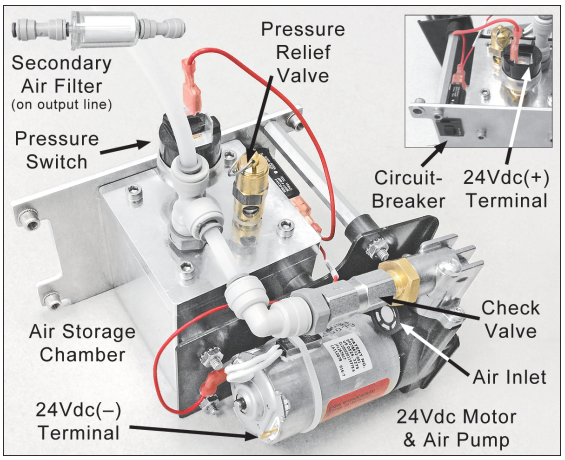


Figure 2 - Air Compressor Pressure Relief Valve

4) Note the orientation of the air filter (Fig. 1).
5) Disconnect the air filter from the air line by pressing on the dark gray ring on the hose side of each connector while withdrawing the hose.
6) Install the new air filter by firmly pressing the air hose into each filter-connector end.
7) Apply power and confirm no air leakage at air-filter connections.
8) Reinstall the enclosure access panels.

2.0 Concentrate Pump Tubing

1) Inside the cabinet, disconnect the water and air lines at the back of the chamber.
2) Pull each tap to relieve line pressure.
3) Shut off power to the Nitropro unit.
4) In the cabinet, unplug the wiring connector from the mixing-dispensing assembly and remove the assembly. Place it on the counter-top (Fig. 3).

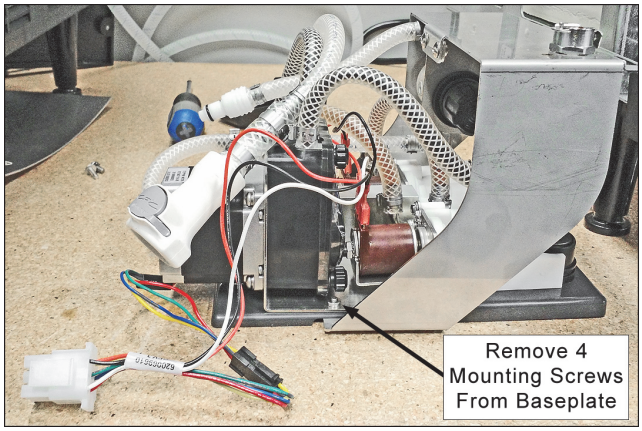


Figure 3 - Mixing-Dispensing Assembly Removed

5) Note or mark the locations of the pump hoses for reassembly.
6) Disconnect the two hoses from the pump by removing the hose clamp using side cutters or the recommended Oetiker HIP 2800 Es crimping/cutting tool (Fig. 4). Cut the clamp open.

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2.0 Concentrate Pump Tubing (Cont.)

CAUTION!

Be careful to avoid damaging the tubing when removing the hose clamp.

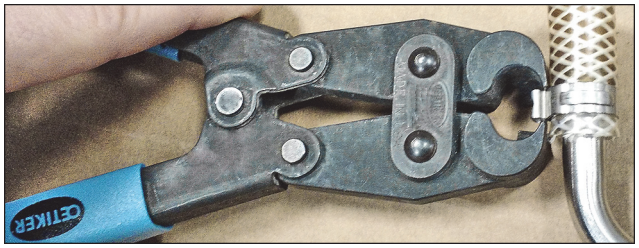
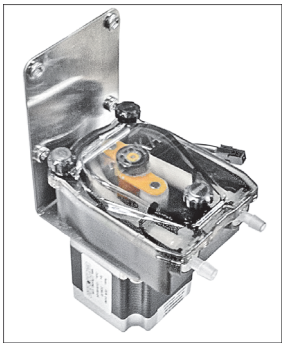


Figure 4 - Hose Clamp Removal (Oeitiker Tool)

7) Remove the four screws securing the pump bracket to the assembly baseplate (access from underneath).

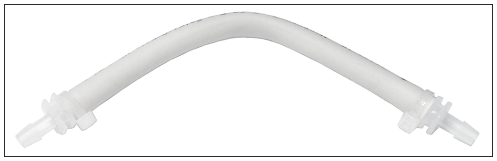
8) Open the pump cover by removing the three thumbscrews on top (Fig. 5).



Pump Closed



Pump Open



Pump Hose

Figure 5 - Concentrate Pump and Replacement Hose

9) Lift out the pump rotor and bearing. Slide out the two pump-hose nipples from the pump housing.

10) Clean the pump-hose chamber as required.

11) Install the new pump hose. When installing it orient the rotor as shown in the upper photos of Fig. 5 so that only one point on the hose must be compressed.

12) Reinstall the pump cover.

13) Install the pump on the baseplate and reconnect the hoses using new hose clamps and the Oetiker (or equivalent) crimping tool.

14) Reinstall the mixing-dispensing assembly into the cabinet, making sure to reconnect the plumbing and electrical connectors.

15) Confirm pump operation by dispensing both product types until air is purged from the lines. Check for leaks.

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