

Pump use procedure.

Equipment needed to be on site.

A Elbroc pump, pressure set to the specific product application.

A complete set of High Pressure hoses including the Filler Pistol and Latch and Spoud.

Compressed air Hose complete with “male and female” connectors.

Water hose complete with “male and female” connectors.

Compressed air deliverance of atleast 4bar.(58 Psi)

Water deliverance of a constant upwards flow from the an open tap.

A Pump pressure test gauge.

Binding wire and a six inch nail.

Setting up the pump system.

Start by fixing the male connector to the Compressed air hose. = see illustration.

Fix male connector to the water hose. = see illustration.

Fix female connectors, both Compressed air and water on the pump. = see illustration.

Fix High pressure hose set to the High pressure deliverance nipple, tighten all joints

To ensure no leakages occurs on the High pressure side. = see illustration.

Starting up the pump.

Open the Compressed air tap at the manifold to flush out water build up in the Air Colum.

Close the tap and connect the hose to the pump.

Open the water hose at the Manifold to ensure that the hose is clear of grid.

Close the water tap at the Manifold and connect the hose to the pump.

Open the water hose first, press the Filler pistol, water should flow from out

From the Latch & Spoud.

By still pressing the filler pistol, open the Compressed air tap at the Manifold, the pump

Will start cycling. Let the pump cycle for atleast 10 seconds before you release the Filler Pistol Trigger.

The pump will build up pressure and will automatically stop cycling.

Connect the pump test gauge to the Latch & Spoud, pressure should be 13 Mpa for PSU on XT 150, 17 Mpa for XT 115, 20 Mpa for Omni 150 and 30 Mpa for the RB 80 Props.

If pressure is correct continue with installations of props.

If the pump pressure is incorrect for a specific application, call on a Elbroc Instructor for resetting The pump to the desired pressure.

Closing down procedures.

Close the water tap at the Monifold first.

Disconnect the water hose from the pump.

Press the Filler Pistol trigger, pump will cycle.

This is to ensure that the pump unit is clear of any Mine water inside the High pressure Section of the pump.

When the water stop flowing from the Latch and Spoud, close the air tap at the Manifold.

Disconnect the hose from the pump.

Role up the High pressure hose and store the pump set in a safe place.

