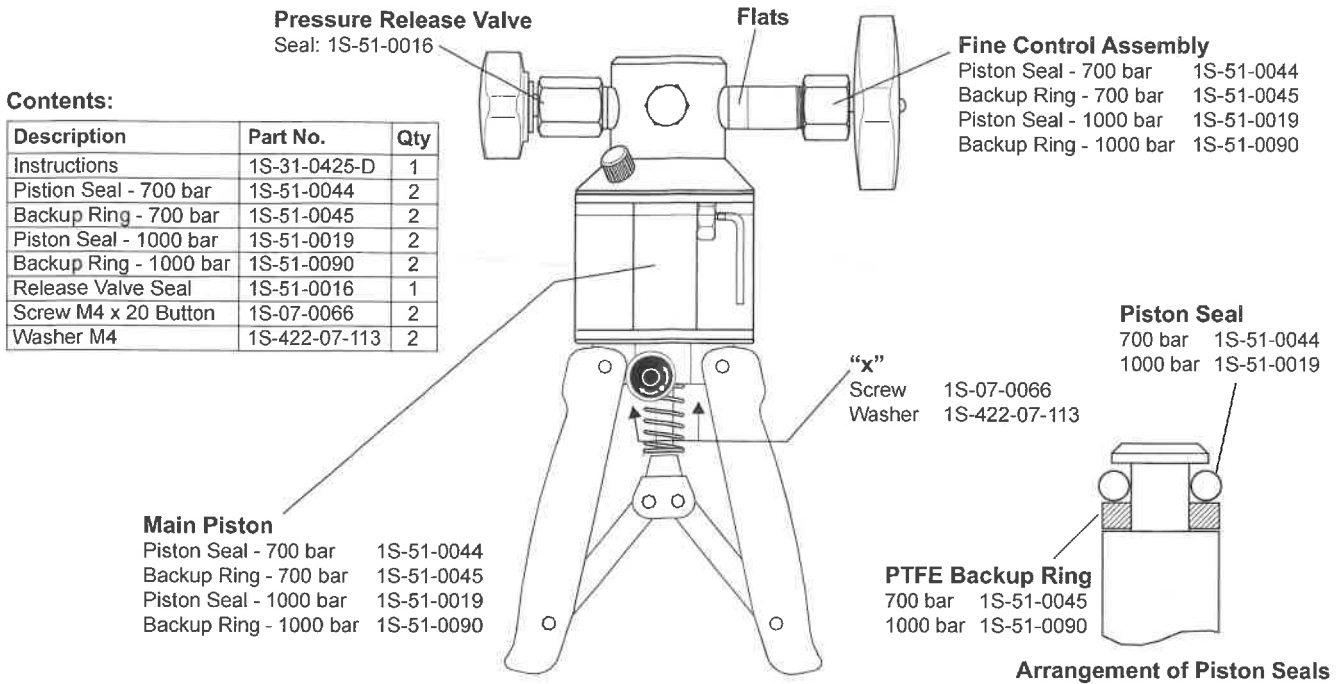


# SERVICE INSTRUCTIONS

## FOR THE PV212 HYDRAULIC HAND PUMP

### SERVICE KIT PART No. PV212-SK



**Before carrying out these procedures, disconnect pump from external system & release any residual pressure from the pump.**

#### Main Piston Seal

1. Withdraw handle/piston assembly from cylinder by removing the two socket head screws marked "x" above.
2. Clean oil and grease from piston & cylinder and remove the old piston seal & backup ring.
3. Fit new piston seal & backup ring. (see sketch above)
4. Grease piston seal & piston using silicone grease. (not supplied)
5. Refit handle/piston assembly to cylinder and tighten screws.

#### Fine Control Seal

1. Remove fine control assembly from pump body using a 19mm A/F spanner on the flats.
2. With the flats held in a vice, unscrew the large nut and withdraw the piston assembly.
3. Clean oil & grease from piston & cylinder and remove the old piston seal and backup ring.
4. Fit new piston seal & backup ring. (see sketch)
5. Lightly grease piston seal & backup ring using silicone grease.

#### Release Valve Seal

1. Turn release valve knob fully anticlockwise and pull out the valve screw from its body. Take care not to lose the steel ball that lies beneath the screw.
2. Remove the old seal from its groove in the valve screw and replace with a new one.
3. Lightly grease the seal with silicone grease and reassemble ensuring the steel ball is correctly in place.

**NOTE:** Use qualified pressure instrumentation personnel and good engineering practice for all the procedures in this publication.



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