

**Service Procedure Rev. 2**

Service Department

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## Relief Settings

### **WARNING:**

The hydraulic pump you will receive (or have received) is not adjusted for your specific machine. The pressure relief screw must be adjusted to lift the rated capacity of your machine.

If your machine is operating with an improper relief setting or not raising the weight, the following steps should be taken for proper adjustment. Do not continue to run the pump if the relief valve operates, (loud hydraulic squealing noise indicates pump is relieving). The pump can overheat very quickly and be permanently damaged. To correct this condition, ensure the machine is not overloaded or make adjustments to the relief valve using the following steps. Setting the relief higher than the rated capacity will cause structural damage to the machine. Contact a customer service representative for further information.

- 1) Raise the lift and place the maintenance devices into place in accordance with the instructions in the owner's manual.
- 2) Place the appropriate capacity load on the lift and attempt to raise the load.
- 3) If the lift will not raise the load, remove the load, raise the lift and place the lift back on the maintenance devices.
- 4) Locate the relief valve retainer cap and remove it. (It will have a slotted screw under the cap.)
- 5) Turn the relief valve adjustment (clock wise) one quarter of a turn.
- 6) Remove maintenance devices.
- 7) Lower lift.
- 8) Place the appropriate capacity weight on machine, and attempt to rise.
- 9) If lift does not rise, remove load and repeat steps one through five until relief is set properly.

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Caution: Before performing any service on a machine read and understand all safety instructions in the service manual. Manuals are available free of charge, if you do not have one please call the Customer Service Department at the toll free number above.