

HOW TO FREE A LOCKED HYDRAULIC BACKUP VALVE PISTON

Step 1: Using an open end wrench, unscrew the fittings at either end of the bent pressure transfer pipe



Step 2: Carefully remove the transfer pipe.



Step 3: Unscrew the piston cap with a strap wrench.



Step 4: Remove the piston cap.



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Step 5: Screw in a bolt with a 5/16-20 thread



Step 6: Grab the bolt.



Step 7: Pull out the piston assembly, then push it back in. Repeat this several times.



Step 8: With the piston in place grab the valve ports, and push against the bolt. If the piston is operating freely, it should move freely each time it is pressed, then bounce back.



Step 9: Remove the bolt, screw on and tighten the piston cap, then re-install the pressure transfer pipe.