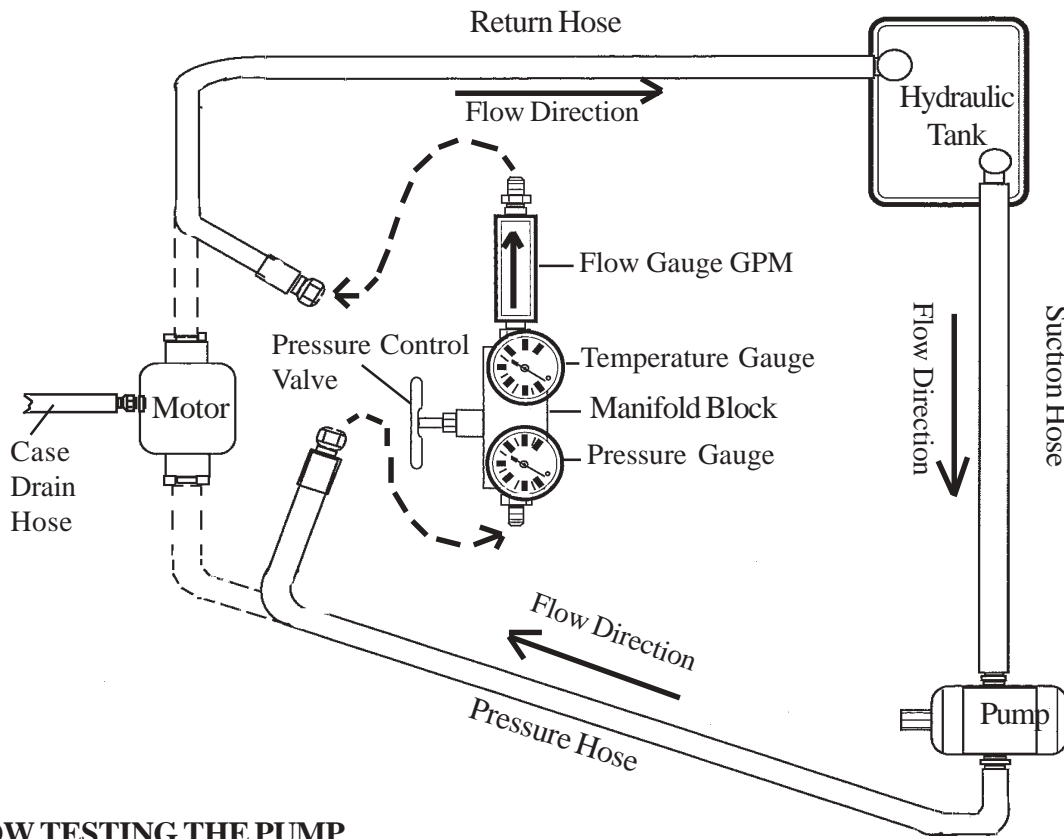


TESTING MACHETE - BRAHMA PISTON PUMP



FLOW TESTING THE PUMP

1. Use a Flow Meter that is rated to 6000 PSI and 40 GPM Minimum. This applies to the Piston Pump and Motor only.
2. The area around the hoses, motor and flow meter must be clean of all debris and dirt. NO contamination can be allowed to enter the system. Make certain there is nothing in flow meter from previous use that will contaminate the system.
3. Disconnect the Pressure and return hoses from the Motor, the case drain hose can remain connected. Connect the hoses to the flow meter as shown above.
4. Completely open the pressure control valve on flow meter.
5. Record all the Reading during this test. Start the system, run at 1950 Engine RPM (Pump Speed) until the Oil Temperature reaches at least 110° F. before starting test. Check the flow (GPM) at 0 psi. or no load. Slowly close the pressure control valve until the pressure gauge reaches 500 psi. Record your readings, Pressure, Temperature and Flow (GPM). Continue this at 500 psi increments until a maximum of 4000 psi.
6. If the Flow Rate @ 4000 psi. is greater than 85% of beginning flow rate at no load, the pump is serviceable and functioning within specifications.

Recorded Test Results

PSI	GPM	Temp ° F.	PSI	GPM	Temp ° F.
0	_____	_____	500	_____	_____
1000	_____	_____	1500	_____	_____
2000	_____	_____	2500	_____	_____
3000	_____	_____	3500	_____	_____
4000	_____	_____			