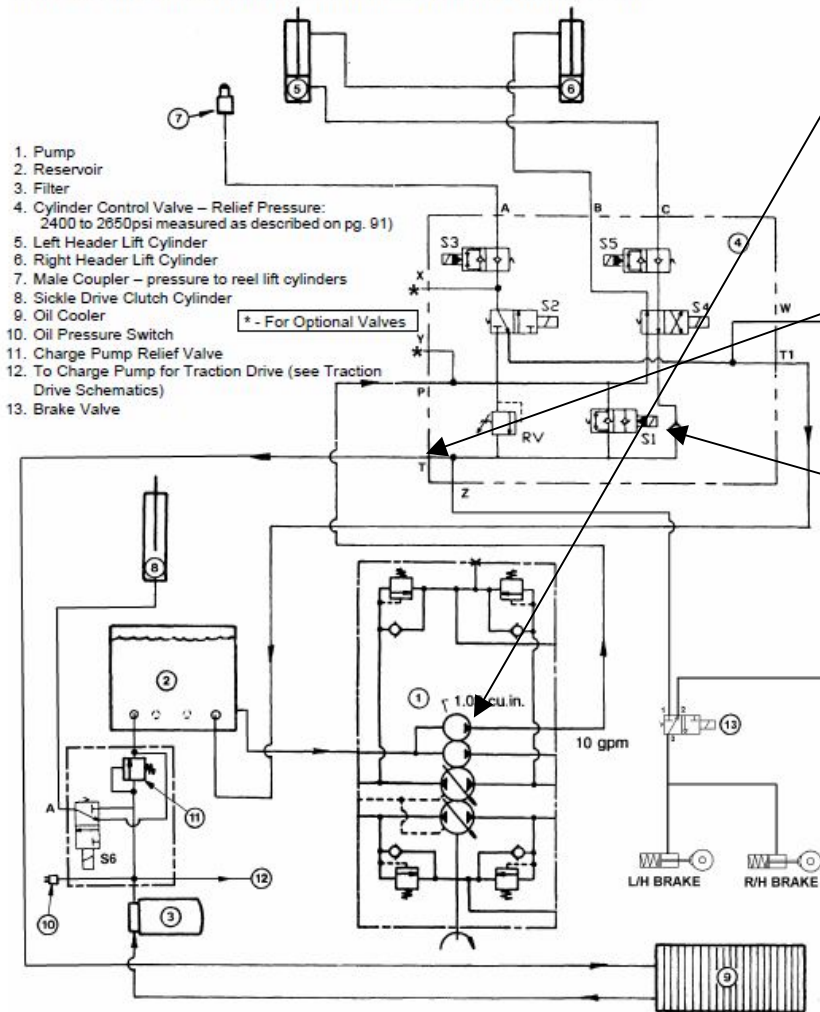


MacDon 2952 Series Hydraulic Swath Roller Installation Instructions

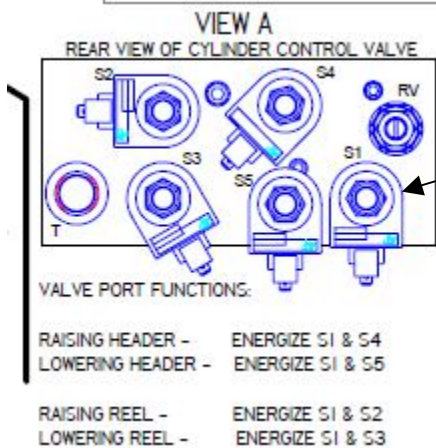
Header & Reel Lift: Hydraulic Schematic (includes brake circuit)



1. Pump
2. Reservoir
3. Filter
4. Cylinder Control Valve – Relief Pressure: 2400 to 2650psi measured as described on pg. 91)
5. Left Header Lift Cylinder
6. Right Header Lift Cylinder
7. Male Coupler – pressure to reel lift cylinders
8. Sickle Drive Clutch Cylinder
9. Oil Cooler
10. Oil Pressure Switch
11. Charge Pump Relief Valve
12. To Charge Pump for Traction Drive (see Traction Drive Schematics)
13. Brake Valve

1. Locate the Auxiliary Hydraulic Pump. It will be the pump that feeds the control valve bank that supplies oil to the header lift cylinders.
 2. Install the supplied tee fitting in the line between the pump and the control valve. This line will feed oil to our valve we have supplied.
 3. Find a location to connect the return line from our valve. This line can be connected into any return line that will have minimal pressure or directly into the tank.
 4. Connecting the orange wire from our wiring harness will allow the unit to operate. Locate the valve S1 in the valve block and connect onto the positive wire.
- CAUTION:** If the machine has been running this hydraulic fluid will be hot and could cause burns or injuries.

For wiring connections choose a location to get positive 12vdc that is switched on/off with the key to ensure the roller does not remain powered when the unit is shut off. Find a suitable ground location on the frame that is free from paint and provides a solid connection.



4. Connecting the orange wire from our wiring harness will allow the unit to operate. Locate the valve S1 in the valve block and connect onto the positive wire. (Green or Blue)