

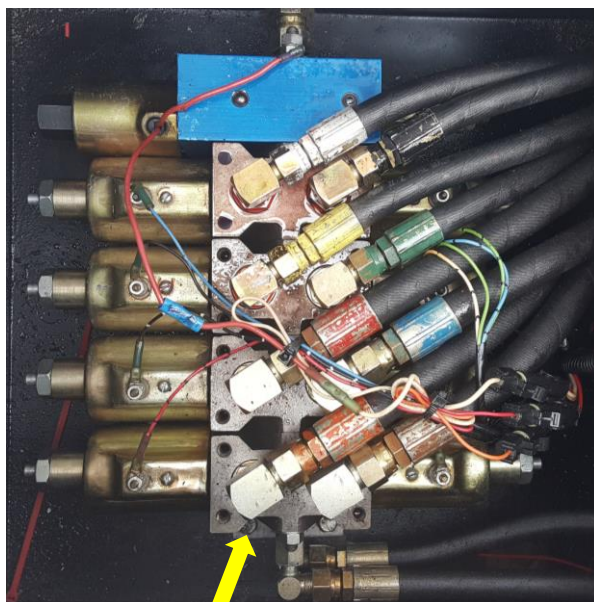


**If an operation on the unit has stopped working, follow the troubleshooting steps below:**

1. Confirm the PTO/Clutch Pump switch is ON. This is located in the Cab on the dash or on a separate switch panel.
2. With all hydraulic cylinders in the retract position, check the hydraulic oil tank to make sure it is full to the top of the screen with Dextron III ATF. Also be certain there is a generous amount of grease at all grease locations
3. Check the black ground wire(s) for the control valves (solenoids) in the PS tool box. Make sure the connections are tight. Older units are grounded through the mounted bolts of the manifold. Rusty body panels and excessive paint can prevent grounding.
4. Disconnect the wires on both sides of the control valve (5 control valves in the picture below) that are connected with the operation on the unit that is not working and also disconnect the wires of a control valve that is working. Example: The middle control valve in the picture below controls the FOLD operation. By disconnecting the wires on both sides of the valve and swapping the wires with the control valve right below it, the JAWS function, we can determine if the toggle switch in the hand held control is good or bad. After swapping the wires, engaging the toggle switch for the JAWS will now operate the FOLD. If the FOLD operation works, then the toggle switch in the controller is bad and needs to be replaced or the wires in the controller are loose. If the FOLD operation does not work, then the control valve may not be working.
5. If the control valve is suspected of not working, a simple swap of a good control valve in the position of the suspected bad control valve can determine if the control valve is faulty.

**If all operations have stopped working but there is electrical power to the valve, the pump under the hood may be hydro locked/ air bound.**

1. Crack the pressure line on the pump and run the unit to release the air. Fluid will shoot out of the fitting like a thumb on a water hose when the pump is primed and free of air.



GROUNDING THROUGH  
MANIFOLD BOLTS

