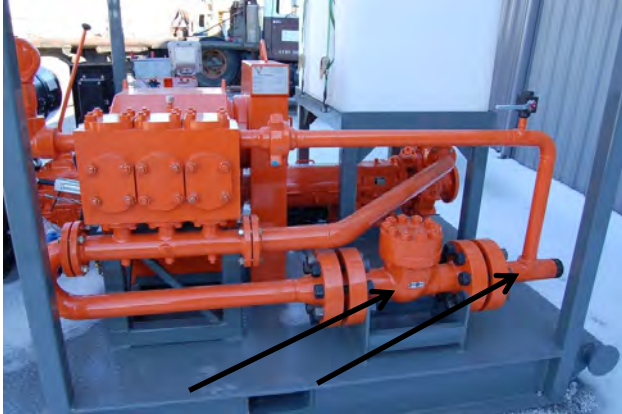
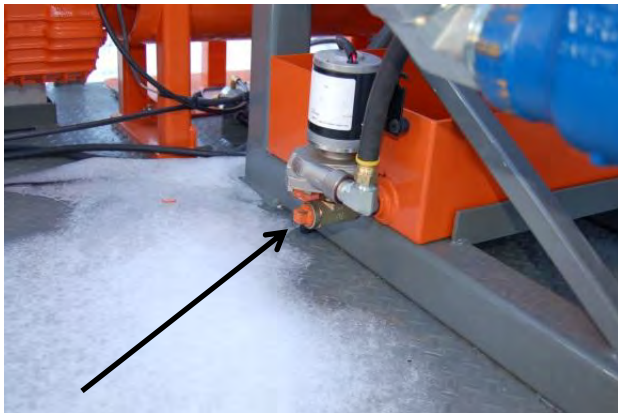


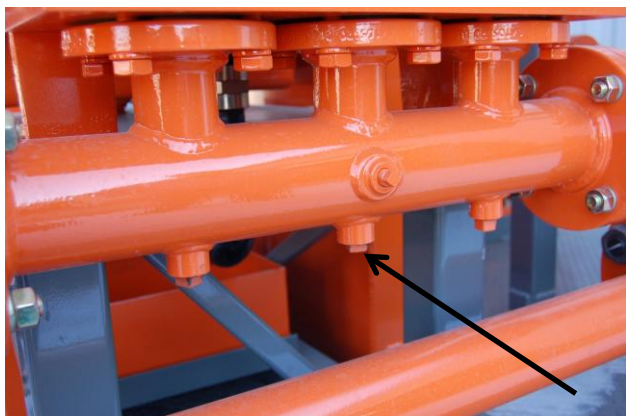
Winterization Procedures for model HPP-150



If possible, raise the front of the unit slightly to drain fluid from the valve and discharge fitting area.

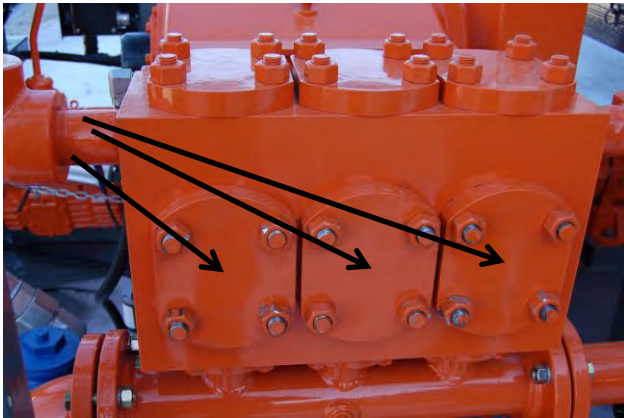


Remove drain plug from rod wash tray, drain water.



Remove the center lower drain plug from the suction manifold.

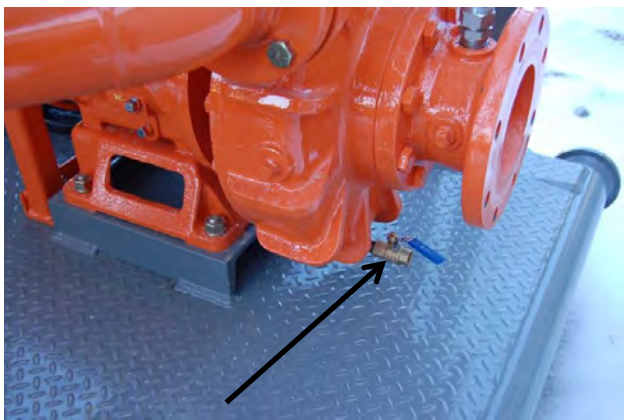
Winterization Procedures for model HPP-150 (cont'd)



Unbolt and remove 3 suction valve caps. Push discharge valves up with screwdriver to release fluid. Lift up suction valves to release fluid.

Leave caps off until you are ready to use the pump again.

When reassembling, torque nuts to 240 ft. lbs.



Open valve at the bottom of the fill pump. Open position is in line with the valve.