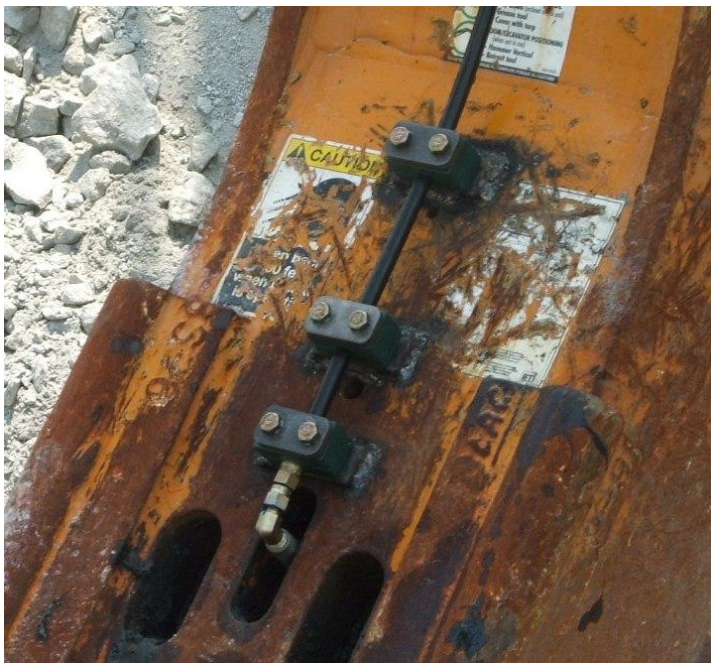
Installation notes for Lubromation automatic lubrication system Model L96824HK for hydraulic hammers.

Revision 1.1

These notes are also available on the support page of our website at www.lubromation.com

1. There are two hoses supplied, one is 10 foot long and is to be installed on the hydraulic breaker itself. It will connect to the longer hose supplied which will run to the pump. The two hoses will be connected with the number 6 JIC male union fitting supplied. This short jumper hose allows the hammer to be removed more easily and the longer hose can be plugged in case of installation of a bucket. This also allows only the hose on the hammer to be replaced in case of damage to the hose.
2. At least one and preferably two of the welded hose clamps should be installed to support the hose near the connection at the grease inlet of the hammer. This is the area most impacted by vibration and shock.



3. There are two fittings that are not installed on the pump from us, they are the rupture disk fitting and the ¼" male by #6 JIC male fitting. They are not installed to allow you to determine the best location for any installation, you can install the supply hose in either the left or right side of the pump whichever works best for the particular vehicle pump mounting location and hose routing. Simply install the rupture disk on the side you did not choose for the supply hose connection.
4. The pump is wired so that when it receives power it will pump and supply grease to the hammer during the time the hammer is actually working. If a pressure switch is used it should be

installed in the signal or pilot circuit of the valve controlling flow to the hammer. Wire fused 24 VDC through the pressure switch contacts so as to send power to the pump during the time the pump is actually reciprocating.

5. Two adapters are supplied for the grease line to the hammer, one is ½ NPT male and the other is 3/8" NPT male, use whichever fits your hammer.
6. It is helpful to first fill the pump with the desired lubricant, set and wire the pump and install the hose onto the pump, then turn the pump on by supplying steady power to it. This will allow the pump to run continuously and fill the supply hose while other parts of the system are being installed. It can take about one and ½ hours to fill 55 feet of 3/8" hose.
7. The pump should be solidly mounted to a surface capable of holding the weight of the pump and lubricant.
8. Connect the longer hose to the pump using the swaged fitting end, after routing the supply hose cut the hose where needed and install the field attachable female JIC hose end where needed per the included hose fitting installation instructions.
9. **The operator should check the hammer daily for evidence of proper lubrication.**
10. **The operator should also monitor the grease level in the reservoir of the pump, if for ANY reason the reservoir grease level is not being reduced or the reservoir grease level is not changing and the hammer is in operation, STOP using the hammer until the problem is resolved. EXPENSIVE damage can result from the hammer being run with insufficient lubrication.**