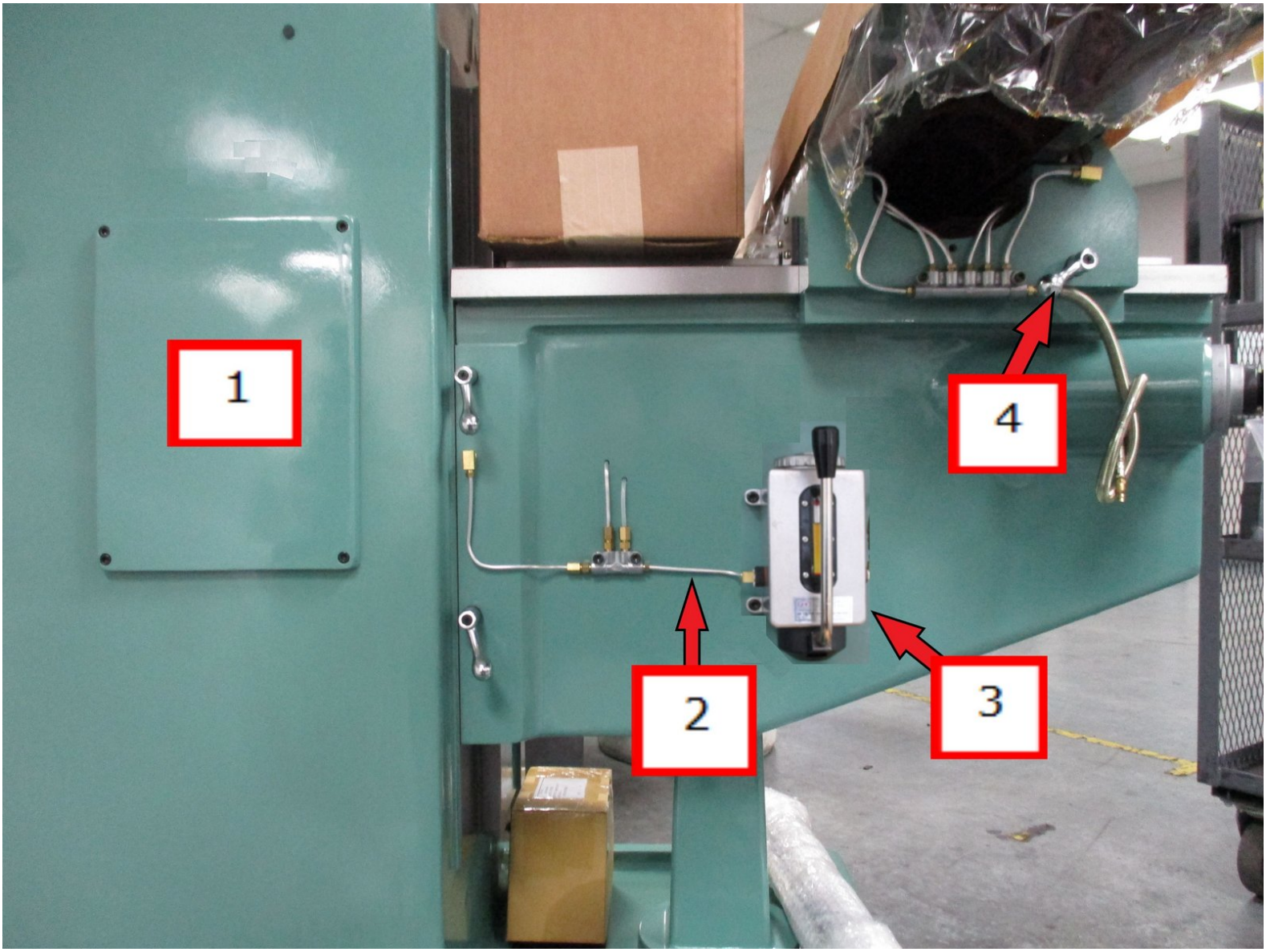
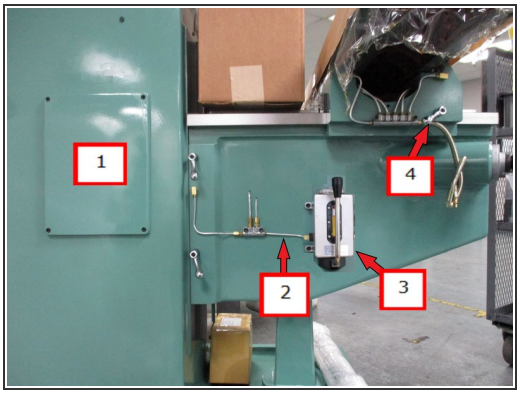
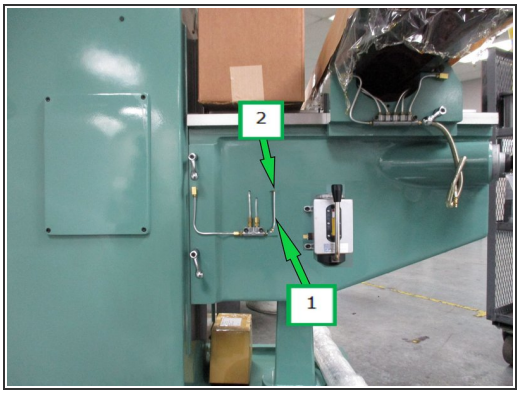
Field Installation Procedure - Mills Auto Lube Option

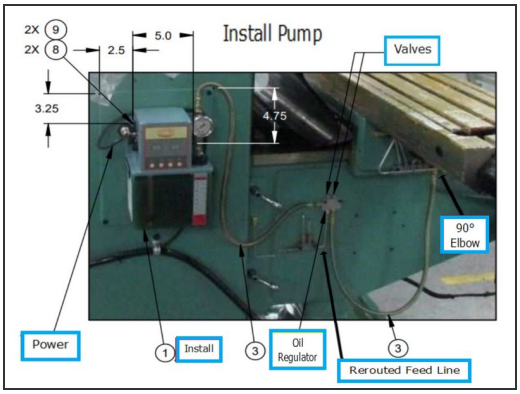
Written By: Trent Plungas



Step 1 — Introduction



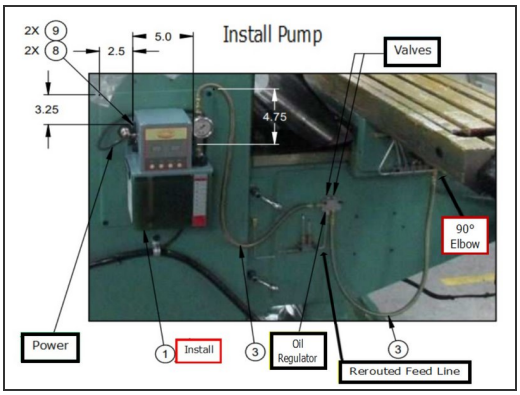


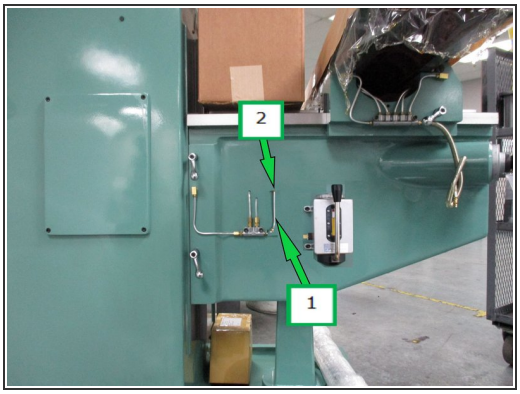


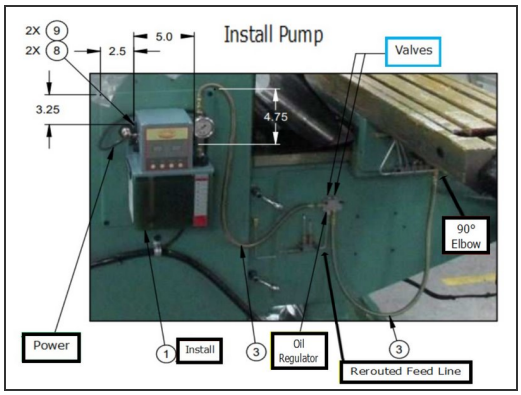
⚠ Turn off power during installation.

- This step explains how to install an Auto Lube Option on a K Mill. There is an important lube feed line that will be disconnected from the existing manual pump to distribute lube to the automatic pump.
- 1 - Aluminum cover where the new pump will be installed. 2 - This feed line will be removed and rerouted. 3 - The location of the manual lube pump from the factory. The pump may be left in place or removed at the customer's option. 4 - A 90° elbow will be added here to route the lube line.
- 1 - Rerouted feed line which is needed to install automatic lube pump. 2 - Changing the location of the feed line defines the location of a Oil Regulating Distributor, part number L010. You will drill and tap holes such that you can connect this feed line to the manifold at this location.
- Photo of a mill with the Auto Lube Pump Option installed.

Step 2 — Install Pump

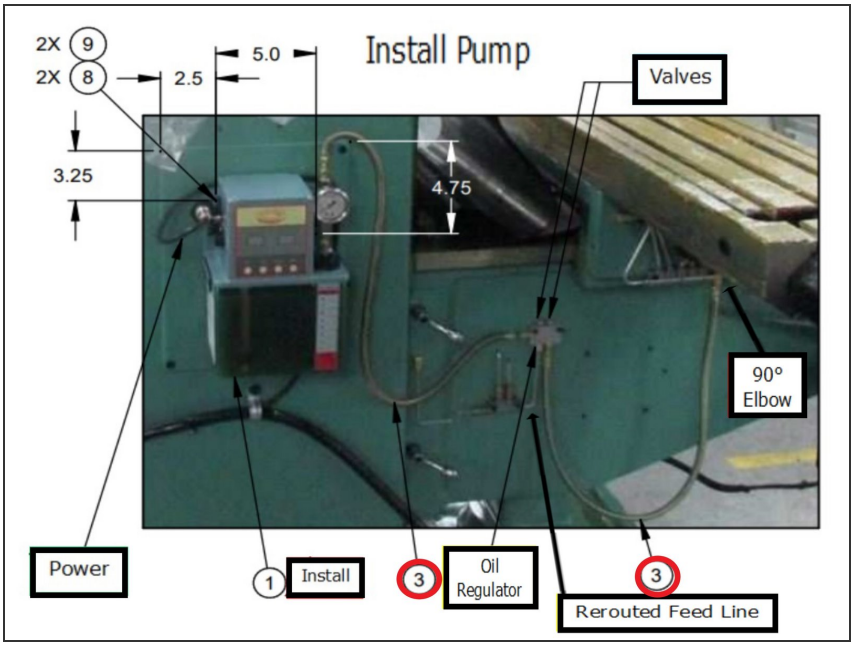






- Mount Lube Pump per picture. Drill and tap M6 holes, use M6-1.0x20 25B SHCS to mount pump. Mount Right Angle Adapter (Elbow) to end of manifold and remove factory flex line.
- 1 - Reroute feed line to manual pump as shown. 2 - Location for Oil Regulating Distributor. Attach distributor to feed line and mark the two support holes. Remove distributor, drill 2 holes with #21 drill bit and tap for 10/32". Replace distributor and attach with 2 10/32x1 25B SHCS and 2 15759 washers.
- Adjust meter valves to ensure proper amount of oil gets to the knee and the X and Y axis. Adjust front valve to 1/4 turn and rear to 1/2 turn from closed.

Step 3 — Connect Hoses and Test



- Install the new hoses supplied with the kit. This photo shows both hoses (labeled as #3) and the Oil Distributor, on a machine without the manual pump.
- Plug power cord into socket labeled lube pump on side of electrical box in back of machine.
- Power up mill and verify pump operation.

© 2022

© 2022