

81-CA-17 DENNISON MAIN HYDRAULIC PUMP INSTALLATION INSTRUCTIONS



PLACE YOUR ORDER TODAY PHONE ORDERS 1-800-569-1264 FAX ORDERS 1-860-627-9060

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READ ITEMS: A, B, C, & D, BEFORE DOING INSTALLATION 1-11

IMPORTANT NOTIFICATIONS:

- A. WARNING** - If hydraulic tank is not drained, thoroughly cleaned, and replenished with new oil, pump will fail and void any warranty!
- B. IMPORTANT** - Align motor shaft and pump shaft straight and square within: .003: F.I.R. or bearing will fail and void any warranty!
- D. IMPORTANT** - Provide minimum 1/16" clearance between end of the pump shaft and the motor shaft, or the bearings will fail and void any warranty!
- D. IMPORTANT** - Prime the pump by pouring oil into the outlet port and start pump with a separate hose running back to the tank until there is continuous flow. Running the pump dry for 30 seconds will scar the rotor and void any warranty!

INSTALLATION PROCEDURE:

- 1.** Drain hydraulic tank. Then, remove both side panels and clean the sludge and metallic contamination from the bottom of the tank.
- 2.** Remove the old 81-CA 17 hydraulic pump. But, do not remove the 81-CA 18 mounting bracket.
- 3.** If the 81-CA 18 mounting bracket is removed it must be reinstalled so that the 81-CA 17 main pump shaft is with in +/- .003 of the motor shaft. If the pump shaft alignment is not within this tolerance the pump warranty is void. A 1/16" minimum clearance end play on the shaft cou-

pling, or no warranty.

- 4.** Install new 81-CA17. Open the flow control to maximum volume. Reinstall all of the related intake and pressure lines except the main 3/4" pressure line.
- 5.** Remove and replace the 81-CBR 49 filter element.
- 6.** Install the new 81-CA 12 tank gaskets and service the reservoir with new Mobil DTE 25, Texaco AW46 or equivalent hydraulic oil.
- 7.** Quickly start and stop the machine with a flex line from the 3/4" port on the pump into a bucket until the hydraulic oil begins to flow to prime the pump. Do not let the pump run without oil for more than 30 seconds.
- 8.** Connect the 3/4" hydraulic pressure line.
- 9.** Run the machine for a few minutes.
- 10.** Set the volume control on the pump to 60 ft/min and connect the linkage.
- 11.** Old pump must be returned to D'arcy Saw®, 10 Canal Bank, Windsor Locks, CT 06096. **THERE WILL BE A \$500.00 FEE IF THE OLD PUMP IS NOT RETURNED.**