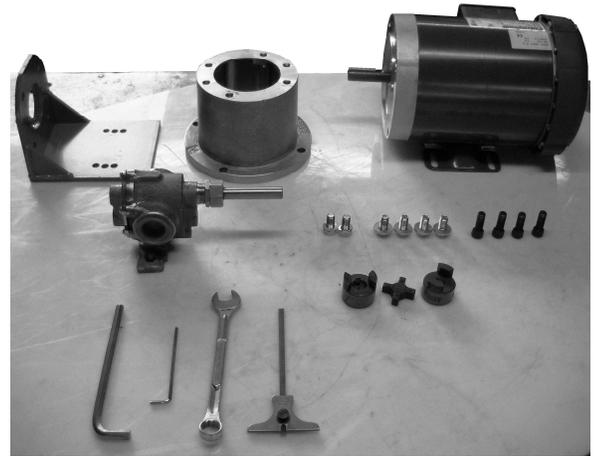




# Direct Mount Adapter Kit – Installation Instructions for LOS/LAL series pumps

**Basic tools needed: 5/16” hex wrench, 1/8” hex wrench, 9/16” open/box wrench, depth gauge or rule**

**\* Different size tools may be needed for coupling and SAE mount when not supplied by Lobee.**



**1) Install correct coupling half on motor.**



**2) Align main body of jaw style coupling with end of motor shaft. The shaft must not protrude into jaw cavity. Tighten coupling set screw securely.**

**3) Install SAE pump mount to motor C-face, align bolt holes.**

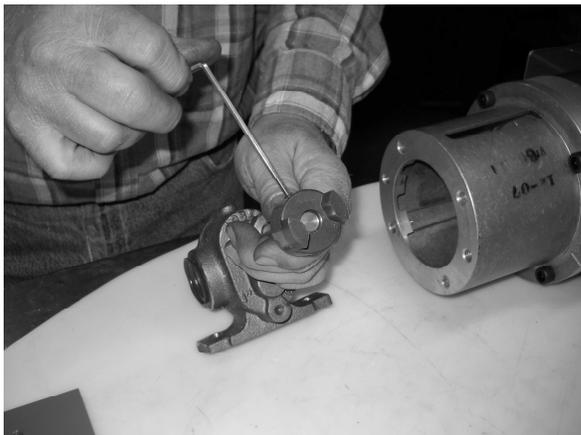


**3)** Securely tighten all four bolts.



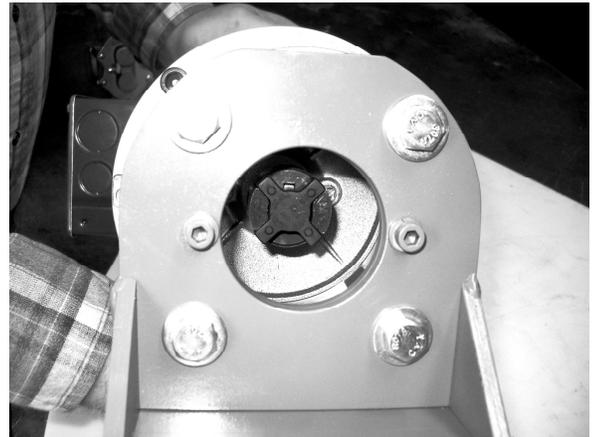
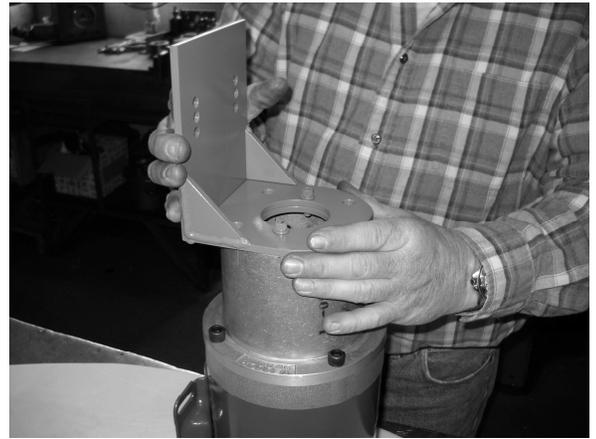
**4)** Install correct shaft coupling half on pump. Align main body of jaw coupling with end of shaft.

**5)** For Model 8LOS ONLY, locate the pump shaft 'in' from the end of the main body by 1/8". This will allow the coupling to stick out 1/8" farther and allow proper contact with the motor coupling jaw.



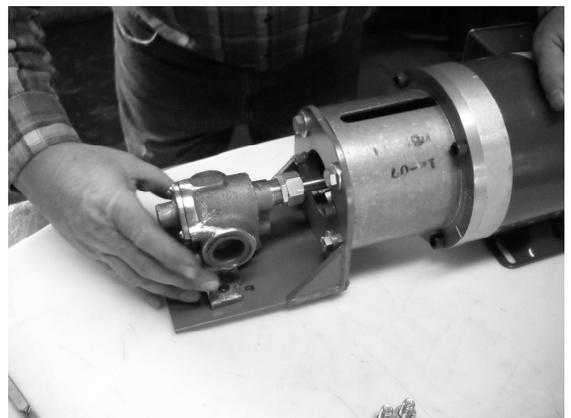
**6)** Securely tighten coupling set screw on the shaft.

**7)** Next mount part #LOSDM bracket to SAE mount.



**8)** With the bracket and SAE mount fastened to the motor, install the rubber coupling spyder (element) into the motor coupling half.

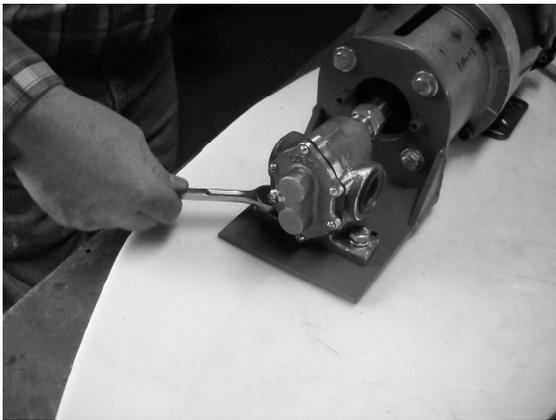
**9)** Take the bronze pump complete with installed coupling half and insert into SAE mount opening. Rotate the pump/shaft to align the coupling half jaws for proper fit.





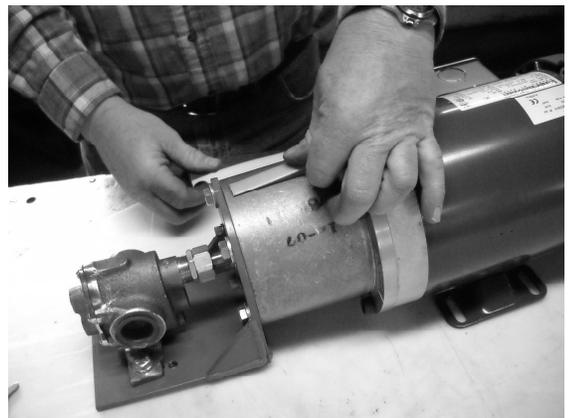
**10)** The shaft couplings should align/fit like pictured here to the left.

**11)** Install the two pump base bolts to the threaded and aligned bracket holes. Securely fasten.



**12)** Make sure that the SAE mount access hole/slot protective cover is put back in place ( If any).

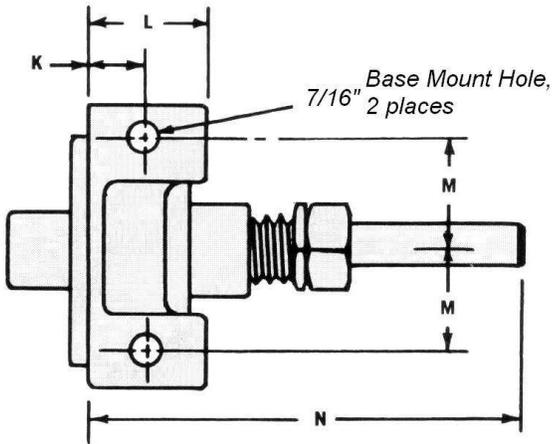
**Pump is now direct mounted to motor and is ready for application installation and use. Please see Operation and Maintenance instruction sheet #GPT3/2010 for gear pump start up and running procedures.**



*In the Field...*



*For field modifying a Model 4, 6, or 8 LOS or LAL plain pump base, use the dimensions as indicated here. Following these dimensions will ensure proper alignment when mounting to direct mount bracket.*



MODEL	K	L	M	N
4LOS/LAL	17/32"	1-1/32"	1-1/2"	5-1/2"
6LOS/LAL	17/32"	1-1/32"	1-1/2"	6"
8LOS/LAL	3/4"	1-5/16"	1-1/2"	6-1/2"