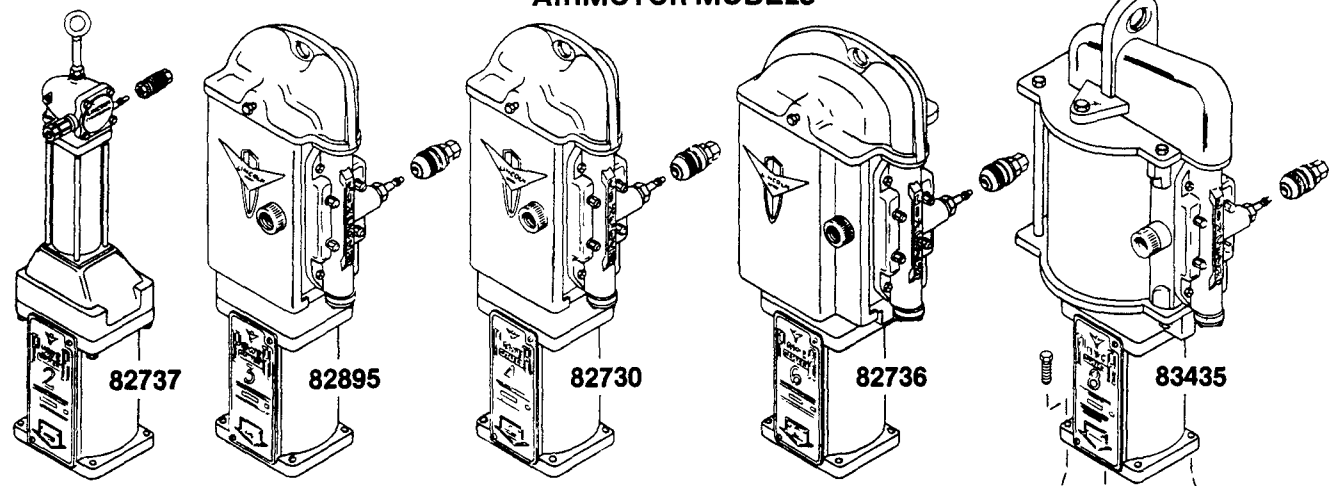


**WARNING**  
DO NOT OPERATE  
WITH COMBUSTIBLE GAS

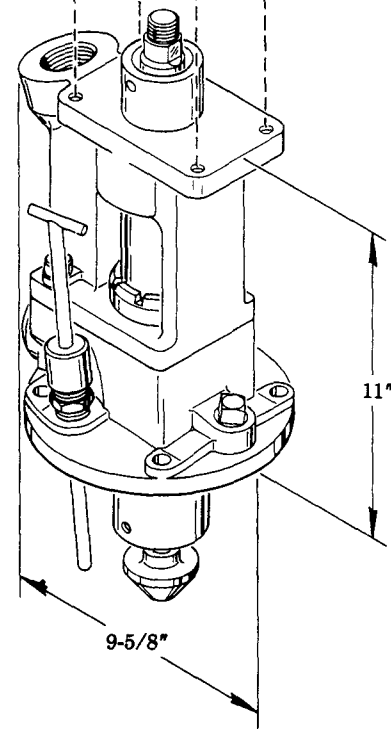
# PILE DRIVER II PUMPS (SHOVEL TYPE FOOT VALVE)

## AIRMOTOR MODELS



### ATTACHING AIRMOTOR TO PUMPTUBE

- 1- Tightly connect airmotor coupling nut to pump plunger.
- 2- Attach airmotor to the pump outlet body flange with the four bolts (hand tight) supplied with airmotor.
- 3- Slowly cycle the pump several times, using just enough air pressure to operate the pump without stalling.
- 4- Stop the pump on an "up" stroke and tighten the four bolts to securely fasten the airmotor to the pumptube.



### MODEL CHART

(\*Size of airmotor used with pumptube determines pump ratio.)

PUMPTUBE	PUMP MODEL	*RATIO	MAXIMUM AIR PRESSURE	AIRMOTOR	AIRMOTOR SERVICE PAGE
<b>84412</b>	2252	9:1	200 psi	82730	A-50, Pg. 3 Series
	2272	18:1	100 psi	82736	A-50, Pg. 3 Series
	2292	32:1	100 psi	83435	A-50, Pg. 6 Series
<b>84413</b>	2253	12:1	200 psi	82730	A-50, Pg. 3 Series
	2273	24:1	100 psi	82736	A-50, Pg. 3 Series
	2293	42:1	100 psi	83435	A-50, Pg. 6 Series
<b>84414</b>	2234	8:1	200 psi	82895	A-50, Pg. 3 Series
	2254	16:1	200 psi	82730	A-50, Pg. 3 Series
	2274	32:1	100 psi	82736	A-50, Pg. 3 Series
	2294	60:1	100 psi	83435	A-50, Pg. 6 Series
<b>84415</b>	2215	7:1	200 psi	82737	A-50, Pg. 1 Series
	2235	11:1	200 psi	82895	A-50, Pg. 3 Series
	2255	22:1	200 psi	82730	A-50, Pg. 3 Series
	2275	44:1	100 psi	82736	A-50, Pg. 3 Series
	2295	75:1	100 psi	83435	A-50, Pg. 6 Series

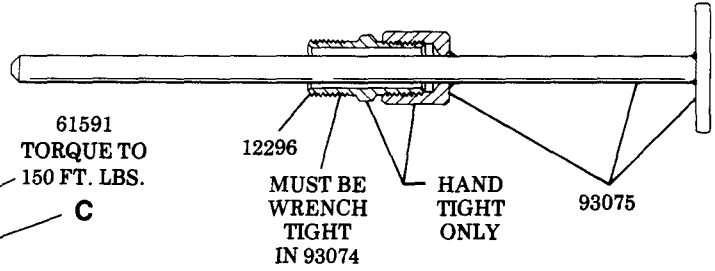
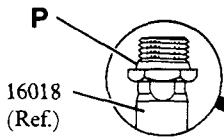
**LINCOLN** **McNEIL**  
A DIVISION OF  
CORPORATION  
One Lincoln Way, St. Louis, MO 63120 (314) 679-4200

**SECTION - A50**  
**PAGE - 55B**

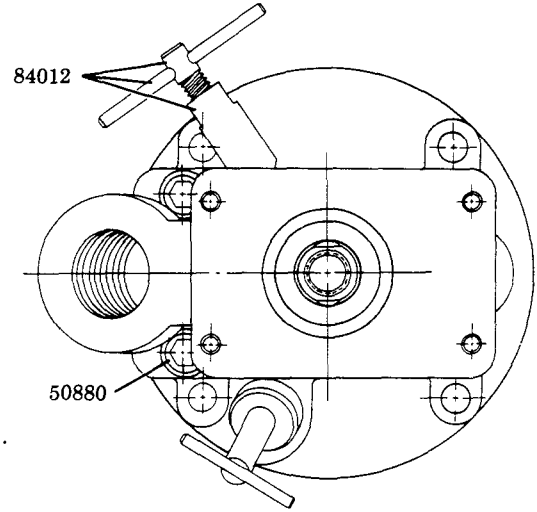
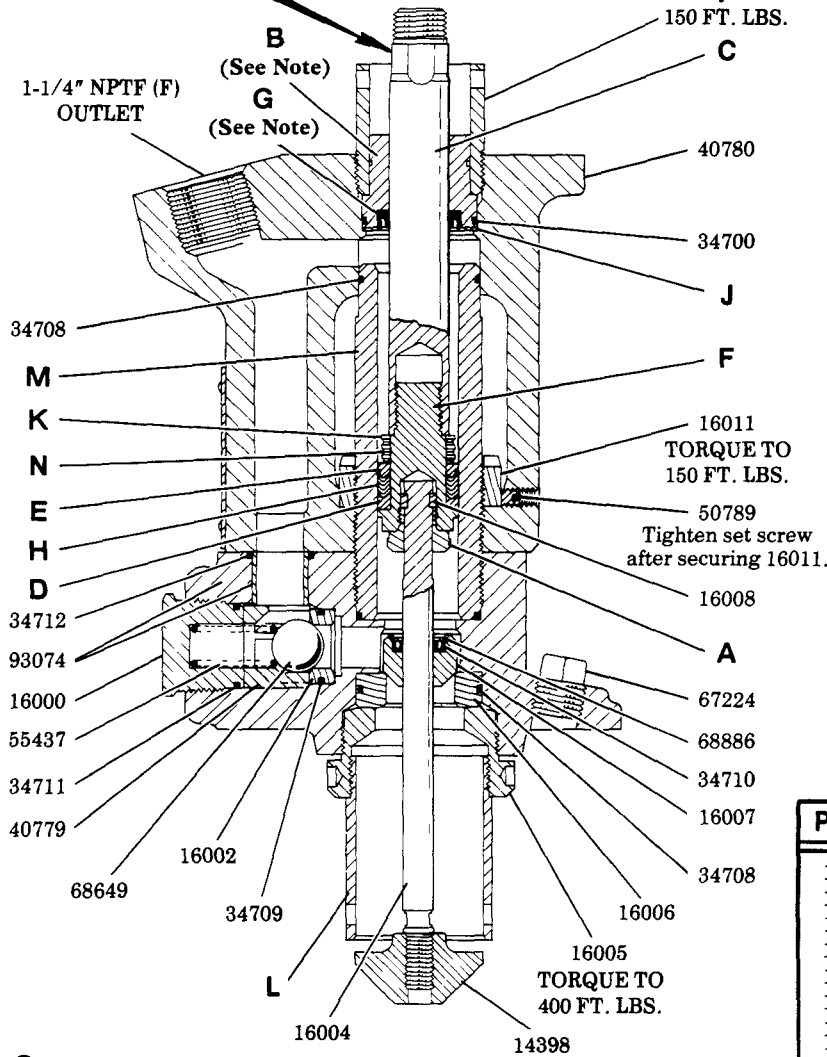
**84415 ONLY**

**NOTE**

**MODEL 84413 - Series "A"**  
When replacing U-cup packing (Code G), Bushing (Code B) MUST also be replaced.



**MUST BE WRENCH TIGHT IN 93074**  
**HAND TIGHT ONLY**



**SERVICE PARTS**

(Common to all models)

PART	QUAN.	DESCRIPTION
12296	1	Nipple
14398	1	Nut
16000	1	Check housing
16002	1	Check seat
16004	1	Priming rod
16005	1	Retaining bushing
16006	1	Check seat
16007	1	Check
16008	2	Keeper
16011	1	Thrust nut
34700	1	O-ring
34708	3	O-ring
34709	1	O-ring
34710	1	U-cup packing
34711	1	O-ring
34712	1	O-ring
40779	1	Ball cage
40780	1	Outlet pump casting
50789	1	Screw
50880	2	Screw
55437	1	Spring
61591	1	Gland nut
67224	1	Pipe plug
68649	1	Steel ball
68886	1	Retaining ring
84012	1	Bleeder valve
93074	1	Inlet casting & sleeve assembly
93075	1	Priming plug assembly

© Indicates Change

CODE	DESCRIPTION	MODEL			
		84412 Series "A"	84413 Series "B"	84414 Series "A"	84415 Series "A"
A	Adapter	16003	16003	16003	© 16003
B	Bushing	16009	16423	16014	16021
C	Plunger	16010	16016	16017	16018
D	Female adapter	16024	16026	16028	16030
E	Male adapter	16025	16027	16029	16031
F	Piston bolt	16032	16033	16034	16035
G	U-cup packing	34701	34421	34704	34703
H	Vee packing (set of)	36046 (4)	36043 (4)	36044 (5)	36045 (5)
J	Retaining washer	48597	48599	48598	48600
K	Washer (3 req'd.)	48602	48603	48604	48605
L	Tube	61593	61593	61592	61592
M	Cylinder	61597	61595	61596	61594
N	Wave washer (6 req'd.)	70200	70202	70204	70206
P	Coupling adapter	—	—	—	15014

**RETAIN THIS INFORMATION FOR FUTURE REFERENCE**

When ordering replacement parts, list: Part Number, Description, Model Number, and Series Letter.

LINCOLN ST. LOUIS provides a Distributor Network that stocks equipment and replacement parts.

A list of Authorized Service Departments will be furnished upon request.