

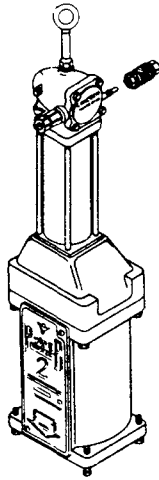
# VOLUME-MASTER PUMPS

FOR USE WITH NON-FLAMMABLE LIQUIDS

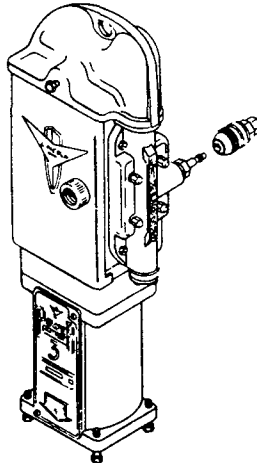


# Models 594, 596, 597 598, 84396

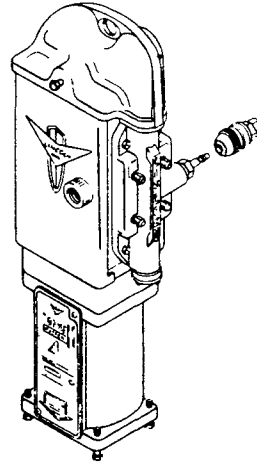
## Series "C"



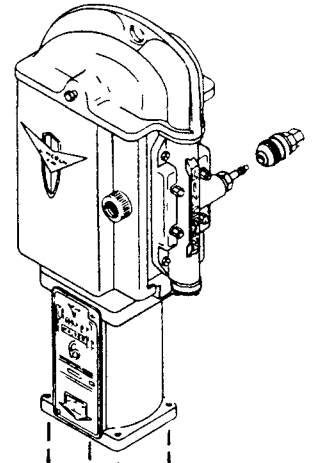
82737



82895



82730

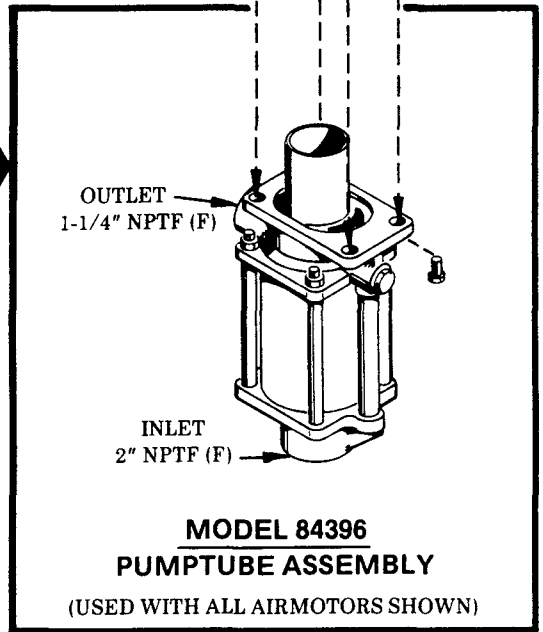


82736

### POWER-MASTER AIRMOTOR MODELS

#### ATTACHING AIRMOTOR TO PUMPTUBE

- 1 — Tightly connect airmotor coupling nut to the pump plunger.
- 2 — Attach airmotor loosely to the pump outlet body flange with the four bolts and nuts (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 and nuts to securely fasten the airmotor to the pumptube.



#### MODEL CHART

MODEL	*RATIO	MAXIMUM AIR PRESSURE	AIRMOTOR	AIRMOTOR SERVICE PAGE	PUMPTUBE
594	2/3:1	200 psi	82737	A-50 pg. 1	84396
596	1:1	200 psi	82895	A-50 pg. 3	84396
597	2:1	200 psi	82730	A-50 pg. 3	84396
598	4:1	100 psi	82736	A-50 pg. 3	84396

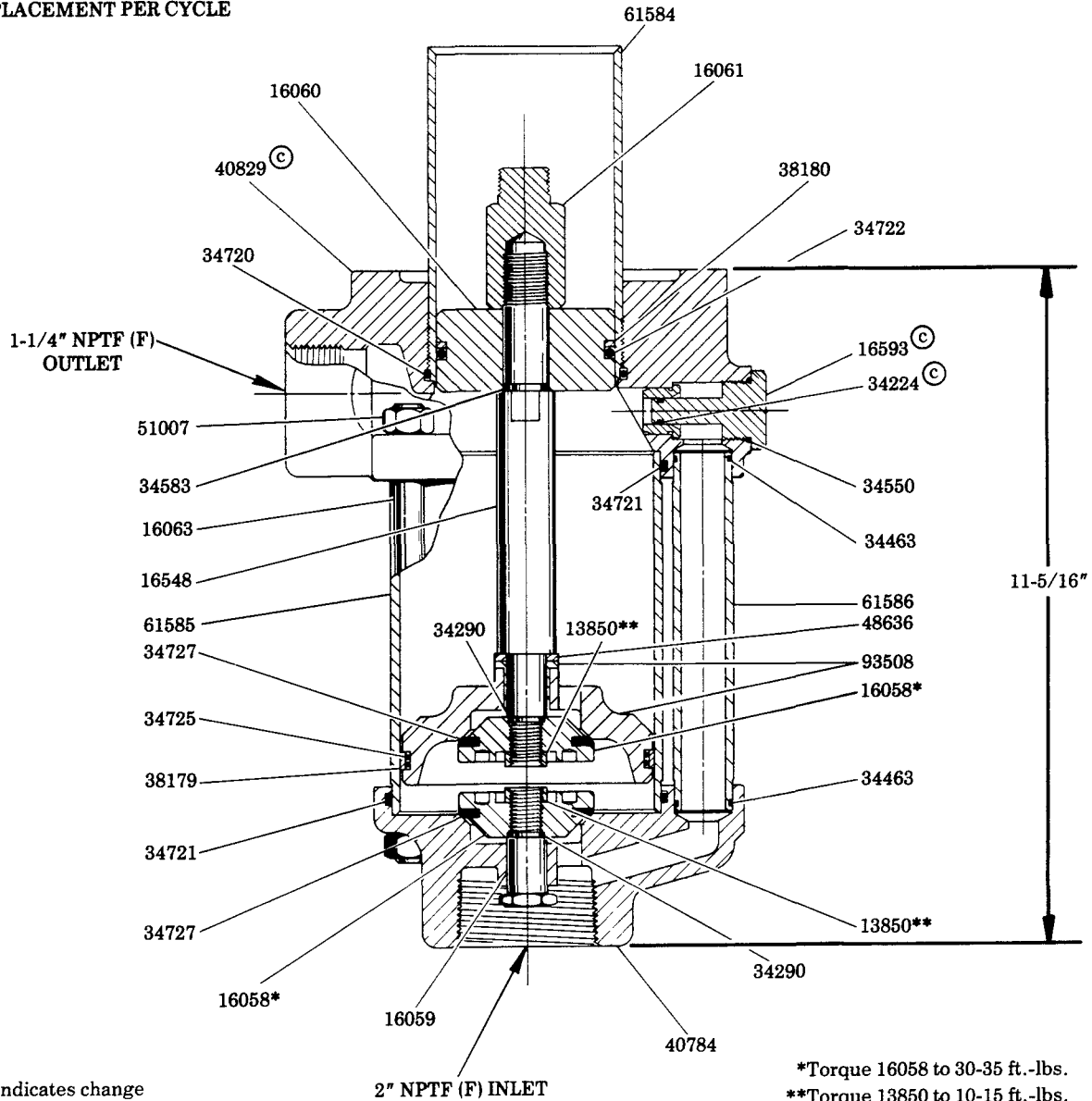
\*Size of airmotor used with pumptube assembly determines the pump ratio.

**LINCOLN ST. LOUIS**  
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**SECTION - A 50**  
**PAGE - 45B**

**84396 PUMPTUBE ASSEMBLY**  
64 CU. IN. DISPLACEMENT PER CYCLE



© Indicates change

\*Torque 16058 to 30-35 ft.-lbs.

\*\*Torque 13850 to 10-15 ft.-lbs.

**SERVICE PARTS**

PART	QUAN.	DESCRIPTION	PART	QUAN.	DESCRIPTION
13850	2	Jam nut	34721	2	O-ring
16058	2	Check	34722	1	O-ring
16059	1	Shoulder bolt	34725	2	O-ring
16060	1	Gland cyl. piston	34727	2	Check packing
16061	1	Adapter	38179	1	Piston ring
16063	4	Tie rod	38180	1	Back-up ring
16548	1	Piston rod	40784	1	Inlet casting
16593	1	Plug	40829	1	Outlet casting
34224	1	O-ring	48636	1	Washer
34290	2	O-ring	51007	8	Nut
34463	2	O-ring	61584	1	Gland cylinder
34550	1	O-ring	61585	1	Cylinder
34583	1	O-ring	61586	1	Transfer tube
34720	1	O-ring	93508	1	Piston assembly

**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.