

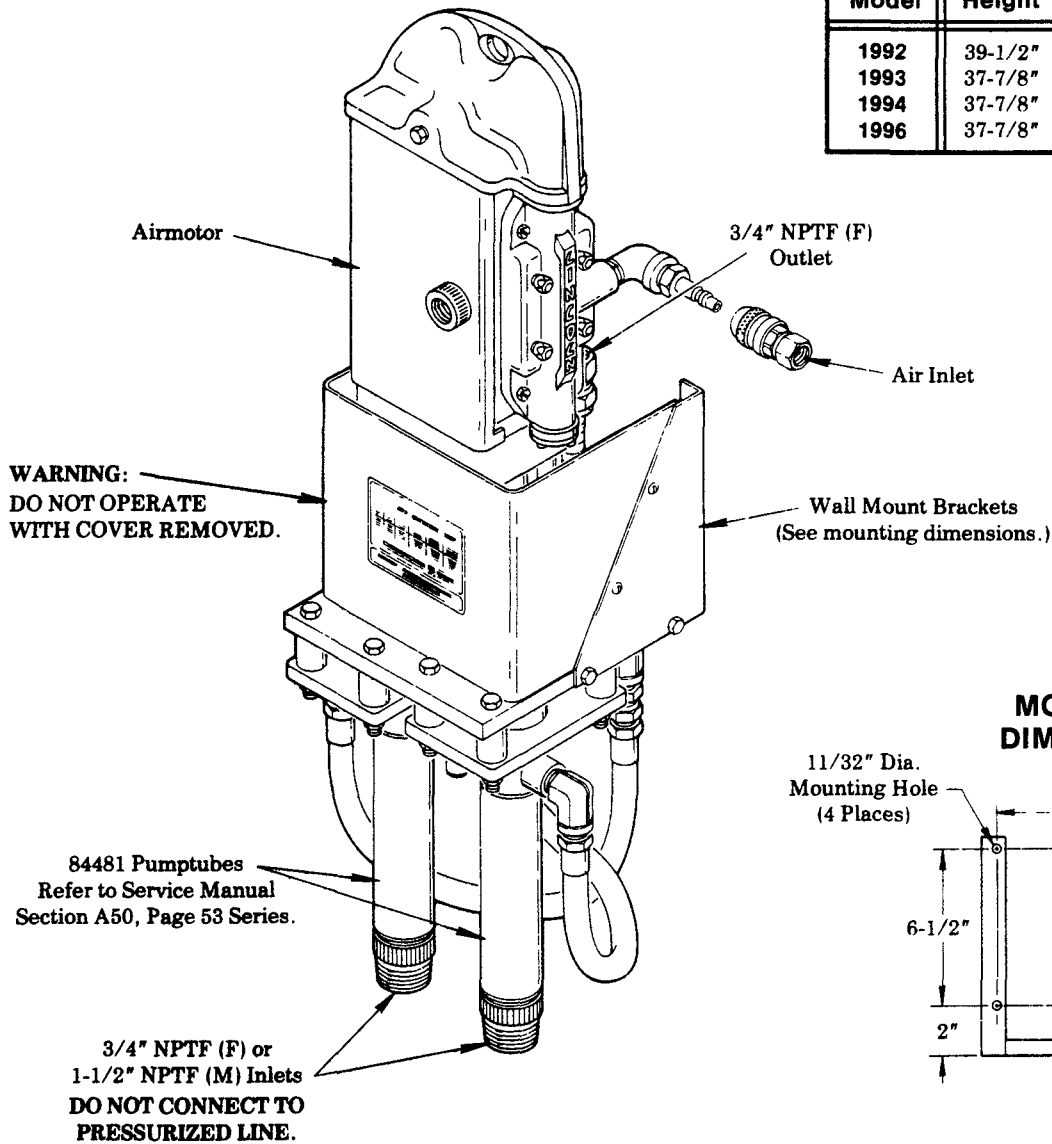
**WARNING**  
DO NOT OPERATE  
WITH COMBUSTIBLE GAS

1992

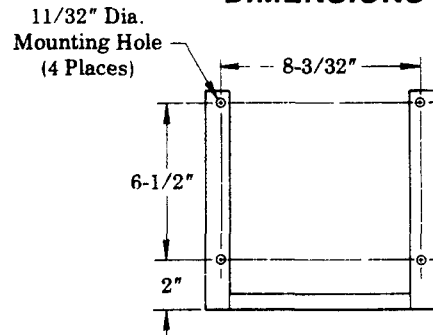
Output Per Cycle: 18 cu.in.

### OVERALL DIMENSIONS

Model	Height	Width	Depth
1992	39-1/2"	11-3/8"	10-1/4"
1993	37-7/8"	11-3/8"	10-1/4"
1994	37-7/8"	11-3/8"	10-1/4"
1996	37-7/8"	11-3/8"	10-1/4"



### MOUNTING DIMENSIONS



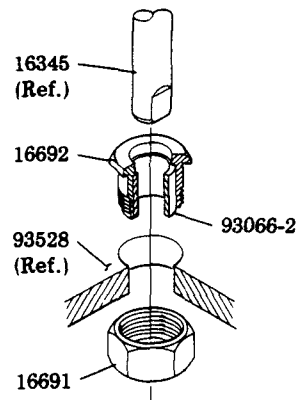
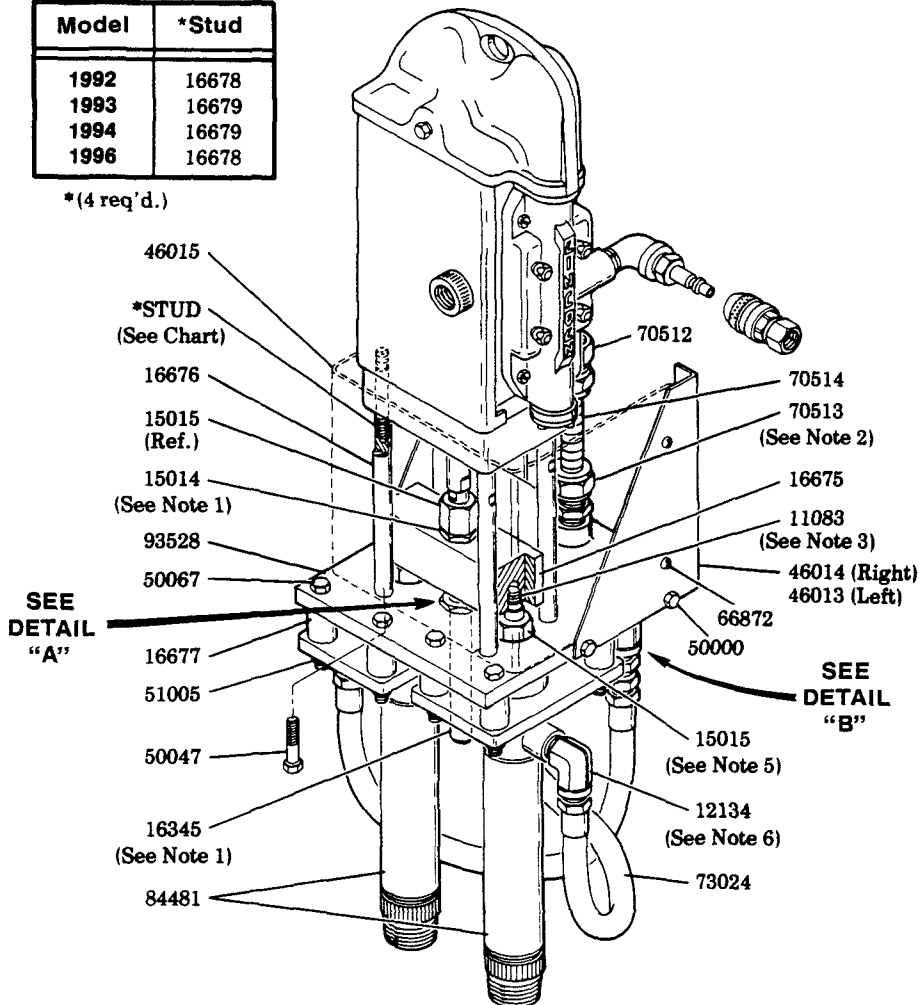
### MODEL CHART

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

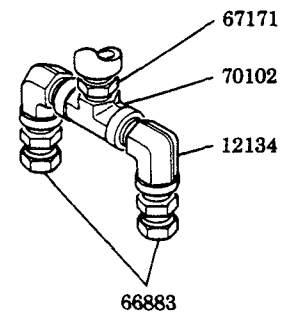
Model	Airmotor	*Ratio	Maximum Air Pressure	Airmotor Service Page	Air Inlet
1992	82737-1	2:1	200 psi	A-50, Pg. 1 Series	1/4" NPTF (F)
1993	82895-1	3:1	200 psi	A-50, Pg. 3 Series	1/2" NPTF (F)
1994	82730-1	6:1	200 psi	A-50, Pg. 3 Series	1/2" NPTF (F)
1996	82736-1	12:1	100 psi	A-50, Pg. 3 Series	3/4" NPTF (F)

Model	*Stud
1992	16678
1993	16679
1994	16679
1996	16678

\*(4 req'd.)



DETAIL "A"



DETAIL "B"

(See Note 4)

## DISASSEMBLY PROCEDURE

It is unnecessary to remove pump from wall mount for disassembly.

- 1) Disconnect air supply to airmotor.
- 2) Remove four 66872 Screws and 46015 Cover.
- 3) Disconnect 73024 Hoses from 66883 Adapter Unions.
- 4) Unscrew two 15015 Coupling Nuts from pump plungers.
- 5) Unscrew eight 51005 Nuts from 50067 Bolts and remove 84481 Pump tubes and 16677 Spacers.  
**NOTE:** When reassembling pump, leave 51005 Nuts loose until pump is completely assembled. Then slowly cycle pump several times and stop pump on an "up" stroke. Tighten 51005 nuts securely.
- 6) Unscrew 15015 Coupling Nut from 15014 Coupling Adapter.
- 7) Hold 16676 Tie Rods on wrench flats and unscrew four 50047 Screws.

- 8) Lift airmotor off of mounting plate.

- 9) Unscrew 16691 Nut from 16692 Bushing Retainer and remove bushing retainer and 93066-2 Bushing.

- 10) To assemble reverse disassembly procedure.

## NOTES:

- 1) Assemble 16345 to 15014 and 15014 to 15015 using Loctite #242 (blue) on threads.
- 2) Assemble 70513 to 93528 using Permatex (green) on threads.
- 3) Assemble 11083 to 16675 using Loctite #242 (blue) on threads then torque to 65-70 ft. lbs.
- 4) Assemble using Permatex (green) on threads.
- 5) Assemble 15015 to 84481 using Loctite #242 (blue) on threads.
- 6) Assemble 12134 to 84481 (2 places) using Permatex (green) on threads.

## SERVICE PARTS

© Indicates change.

Part	Qty.	Description	Part	Qty.	Description	Part	Qty.	Description
11083	2	Coupling stud	46013	1	Mounting bracket (Left)	67171	1	Bushing
12134	4	Adapter	46014	1	Mounting bracket (Right)	70102	1	Male branch tee
15014	1	Coupling adapter	46015	1	Cover	70512	1	Female connector
15015	2	Coupling nut	50000	4	Screw	70513	1	Male connector
16345	1	Guide rod	50047	4	Screw	70514	1	Motionless mixer
16675	1	Yoke	50067	8	Screw	73024	2	Hose
16676	4	Tie rod	51005	8	Nut	84481	2	Pumptube
16677	8	Spacer	66872	4	Screw	93066-2	1	Bushing
16691	1	Nut	66883	2	Adapter union	93528	1	Mounting plate
16692	1	Bushing retainer						