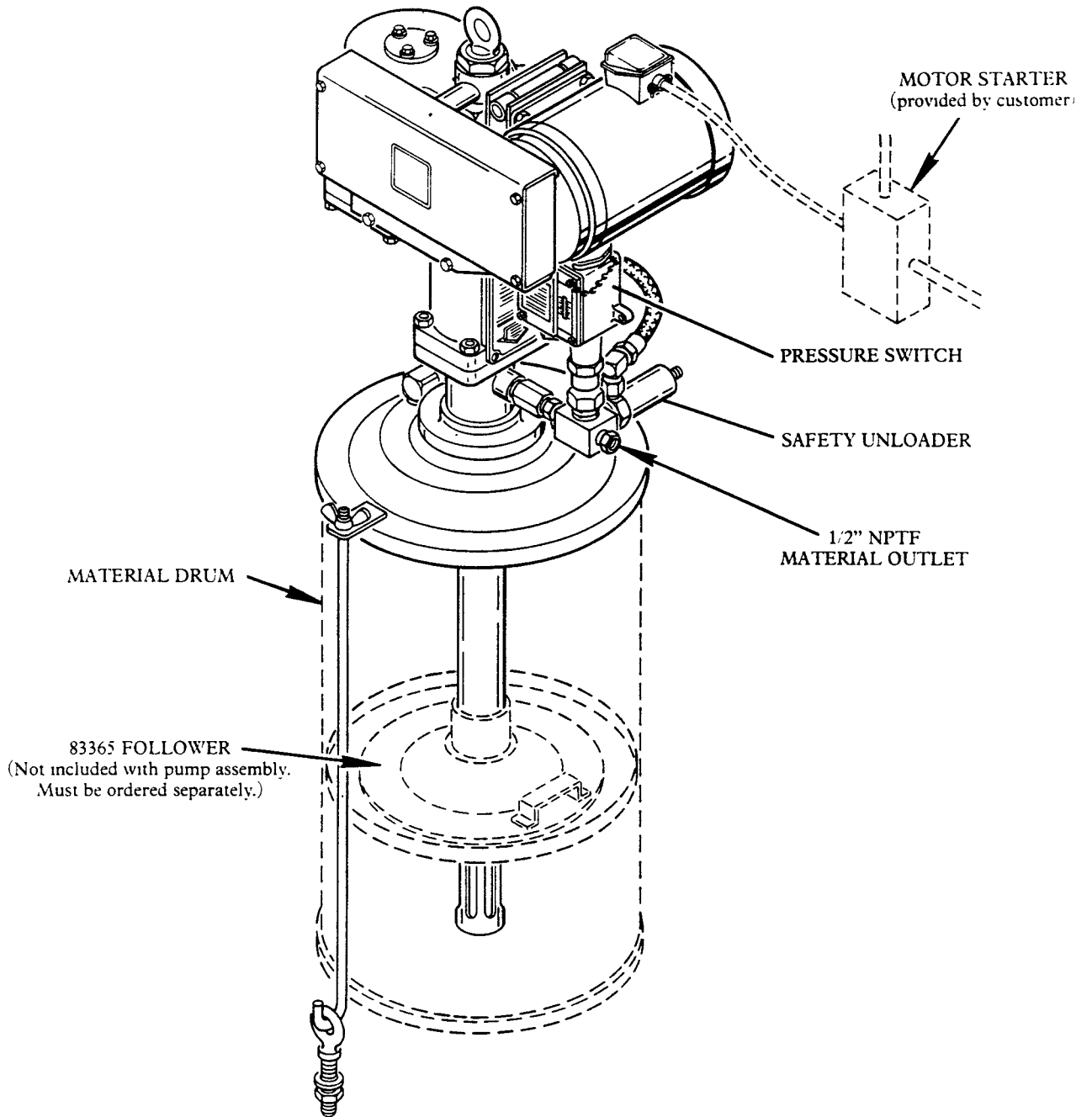


ELECTRIC MOTOR OPERATED
120 LB. DRUM SIZE

MATERIALS DISPENSING DRUM PUMP

FAX COPY

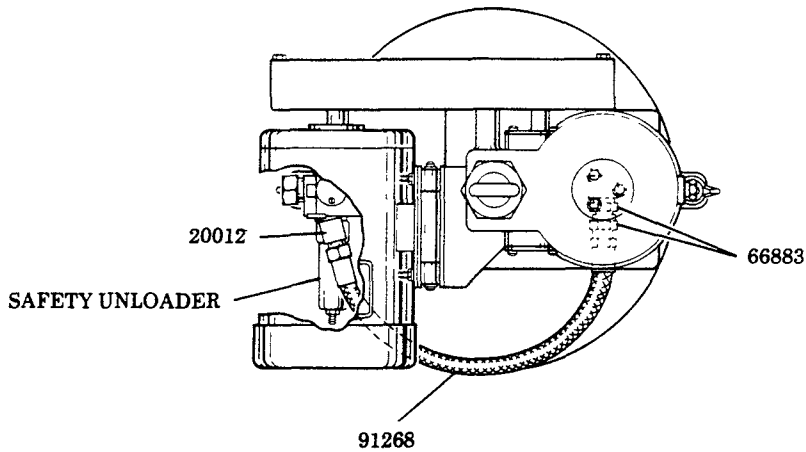


LINCOLN

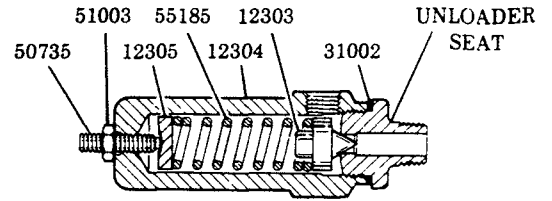
One Lincoln Way St. Louis, Missouri 63120-1578
(314) 679-4200 Telex 44881

SECTION - **A50**
PAGE - **60**

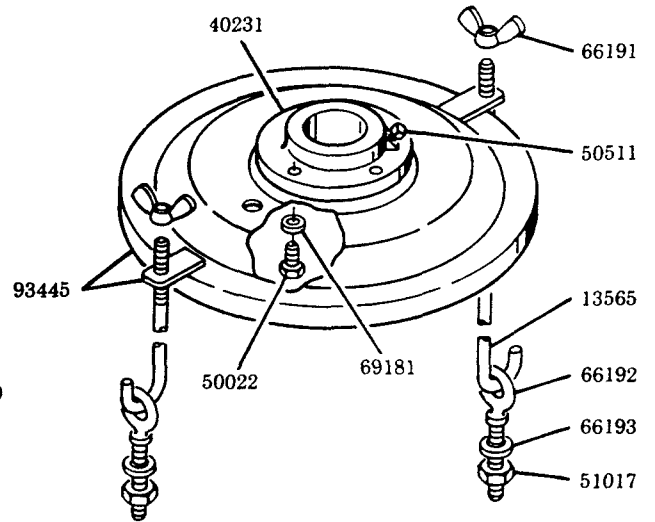
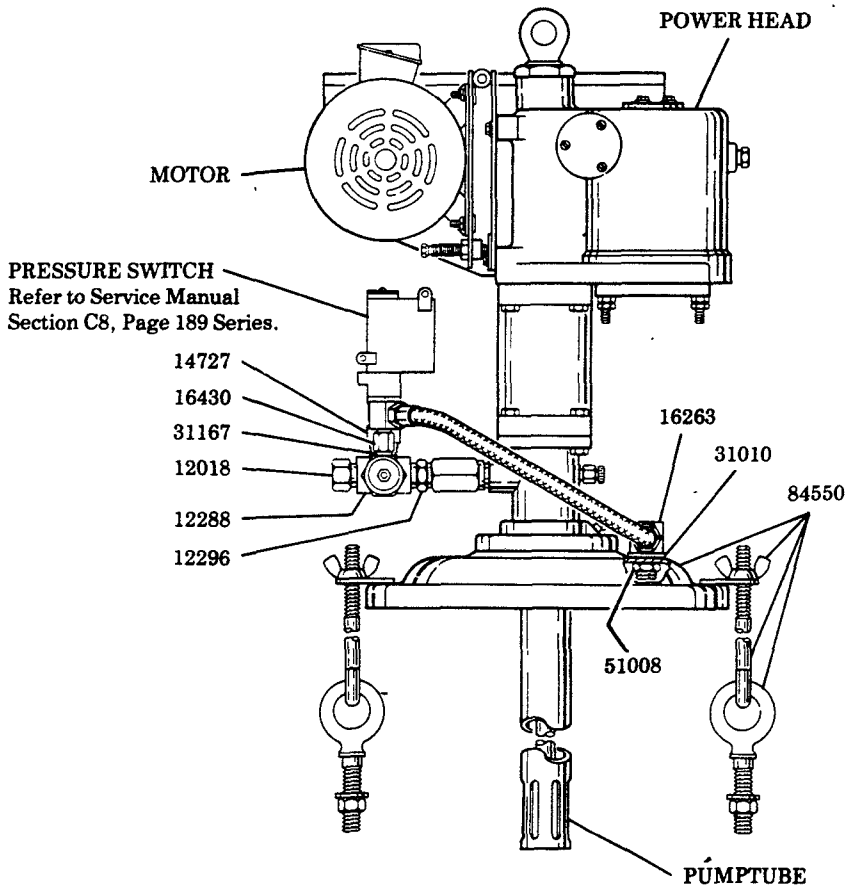
ELECTRIC PUMP ASSEMBLY



SAFETY UNLOADER



SAFETY UNLOADER	UNLOADER SEAT	PRESSURE SETTING
82009	12302	4000-5000 psi
82021	12308	1400-1600 psi
84389	16292	3000-3500 psi
84565	12302	6000-6500 psi

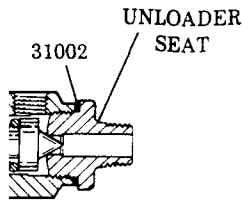


84550 DRUM COVER

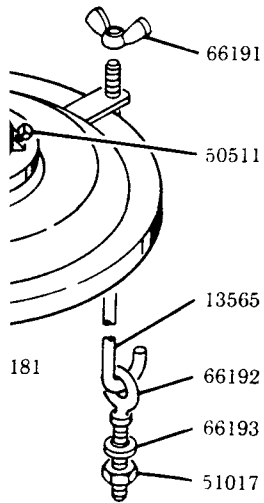
Pump Assembly	Power Head	Motor	Voltage	Pumptube	Pumptube Service Page	*Output Per Cycle	Max. Operating Pressure	Pre: Sw
84556	84549	323088	230/460 V., 60 Hz., 3 Phase	82773	A-50, Pg. 51 Series	3.78 cu. in.	1200 psi	7C
84557	84549	323088	230/460 V., 60 Hz., 3 Phase	82840	A-50, Pg. 50 Series	2.10 cu. in.	2500 psi	7D
84558	84549	323088	230/460 V., 60 Hz., 3 Phase	82841	A-50, Pg. 50 Series	1.12 cu. in.	4000 psi	7C
84559	84549	323088	230/460 V., 60 Hz., 3 Phase	82883	A-50, Pg. 50 Series	.67 cu. in.	6000 psi	7C
84559-A	84549	323089	115/230 V., 60 Hz., Single Phase	82883	A-50, Pg. 50 Series	.67 cu. in.	6000 psi	7C

*Pump cycles constantly at approximately 52 cycles per minute.

UNLOADER



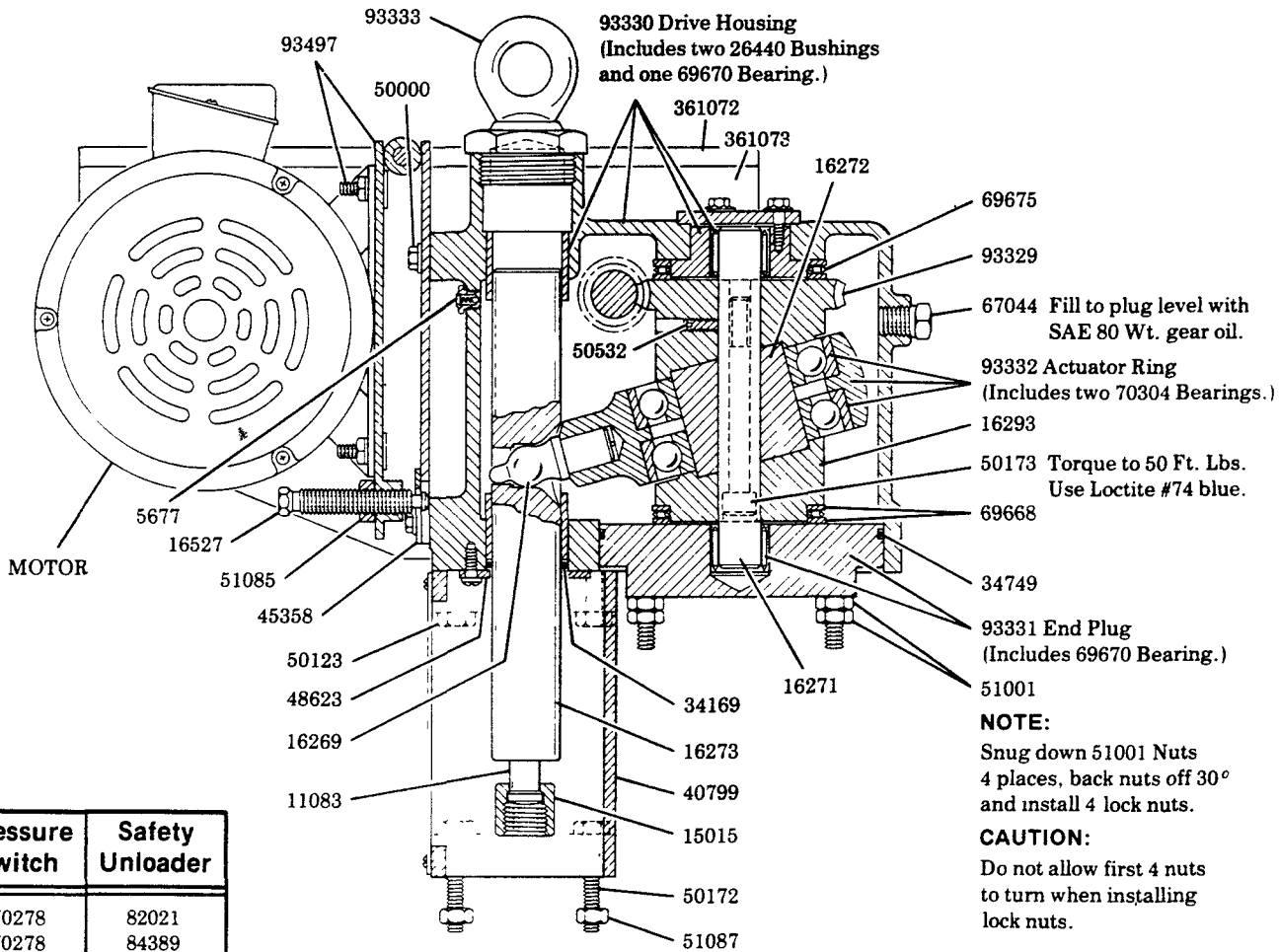
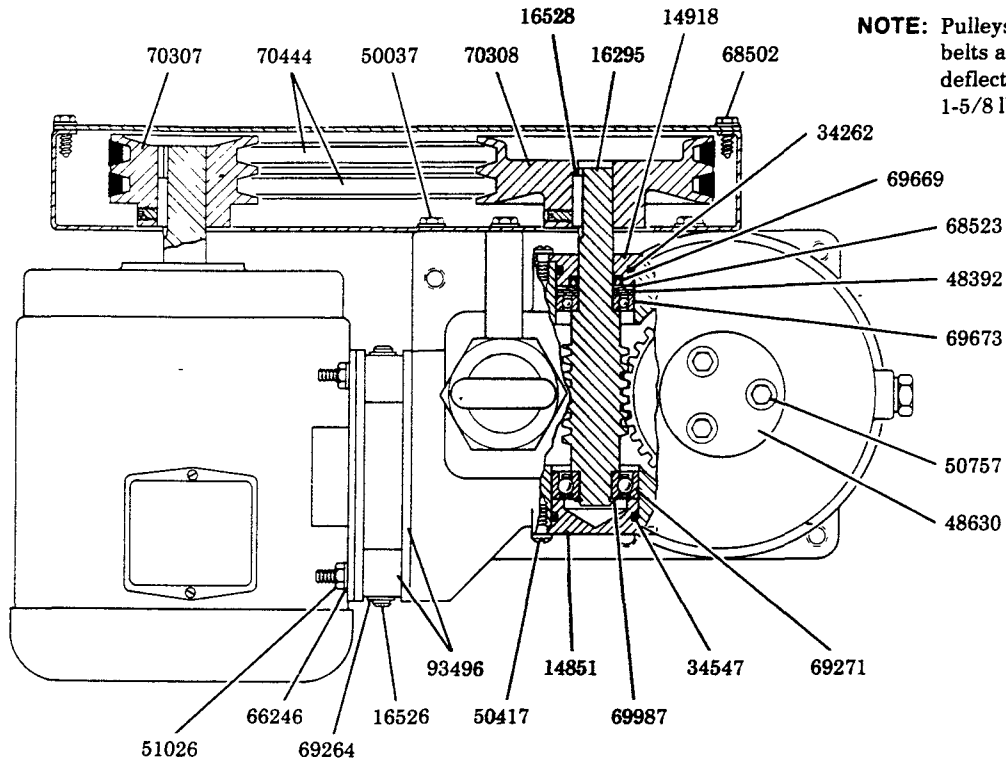
Pressure Setting
4000-5000 psi
1400-1600 psi
3000-3500 psi
6000-6500 psi



DRIVER

Max. Operating Pressure	Pressure Switch	Safety Unloader
1200 psi	70278	82021
2500 psi	70278	84389
4000 psi	70419	82009
6000 psi	70419	84565
6000 psi	70419	84565

NOTE: Pulleys must align to assure belts are straight. Belts must deflect 1/8 inch with 1-1/8 to 1-5/8 lbs. force.



NOTE: Snug down 51001 Nuts 4 places, back nuts off 30° and install 4 lock nuts.

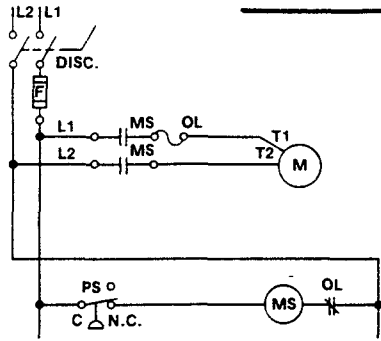
CAUTION: Do not allow first 4 nuts to turn when installing lock nuts.

84549 POWER HEAD

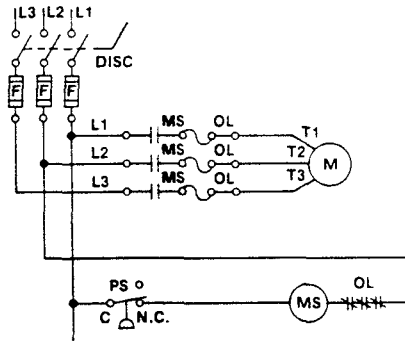
(Does not include motor.)

115/230 V., 60 Hz
Single Phase

WIRING DIAGRAMS



230/460 V
60 Hz . 3 Phase

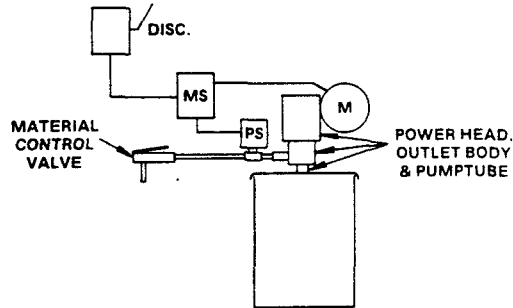


CODE	PART	DESCRIPTION
PS	*	PRESSURE SWITCH
M	*	1-1/2 HP MOTOR
MS	**	MOTOR STARTER
DISC.	**	DISCONNECT SWITCH
F	**	FUSE
OL	**	MOTOR OVERLOAD RELAY

*See Model Chart

**Supplied by Customer

TYPICAL INSTALLATION



SERVICE PARTS

PART	QUAN.	DESCRIPTION	PART	QUAN.	DESCRIPTION	PART	QUAN.	DESCRIPTION
5677	1	Relief fitting	34547	1	O-ring	66883	1	Union
11083	1	Coupling stud	34749	1	O-ring	67044	1	Pipe plug
12018	1	Adapter	40231	1	Flange	68502	4	Screw
12288	1	Adapter block	40799	1	Support casting	68523	1	Washer
12296	1	Nipple	45358	1	Retainer strap	69181	4	Lockwasher
12303	1	Unloader check	48392	3	Washer	69264	2	Retaining ring
12304	1	Unloader body	48623	1	Oil seal	69271	1	Bearing
12305	1	Slug	48630	1	End cap	69668	4	Thrust race
13565	2	Tie rod	50000	4	Screw	69669	1	Oil seal
14727	1	Nipple	50022	4	Screw	69670	2	Needle bearing
14851	1	Retainer	50037	3	Screw	69673	1	Ball bearing
14918	1	Oil seal retainer	50123	4	Screw	69675	2	Needle thrust bearing
15015	1	Coupling nut	50172	4	Screw	69987	1	Retaining ring
16263	1	Elbow	50173	2	Screw	70304	2	Angular contact bearing
16269	1	Ball pin	50417	9	Screw	70307	1	Sheave
16271	1	Shaft	50511	2	Screw	70308	1	Sheave
16272	1	Shaft	50532	1	Screw	70444	1	Vee belts (set of 2)
16273	1	Actuator rod	50735	1	Set screw	84550	1	Drum cover assembly
16293	1	Wobble plate	50757	3	Bolt	91268	1	Hose
16295	1	Worm shaft	51001	8	Nut	93329	1	Worm gear & wobble plate
16430	1	Adapter	51003	1	Jam nut	93330	1	Drive housing
16526	1	Guide pin	51008	1	Nut	93331	1	End plug & bearing
16527	1	Adjusting screw	51017	2	Nut	93332	1	Actuator ring & bearing
16528	1	Square key	51026	4	Nut	93333	1	Pad eye & cover nut
20012	1	Elbow	51085	1	Nut	93445	1	Drum cover
26440	2	Bushing	51087	4	Lock nut	93496	1	Motor mount weldment
31002	1	Gasket	55185	1	Unloader spring	93497	1	Motor mount weldment
31010	1	Gasket	66191	2	Wing nut	361072	1	Pulley guard
31167	1	Washer	66192	2	Eye bolt	361073	1	Pulley guard bracket
34169	1	O-ring	66193	2	Washer			
34262	1	O-ring	66246	8	Lockwasher			

RETAIN THIS INFORMATION FOR FUTURE REFERENCE

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

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

A list of Authorized Service Departments will be furnished upon request