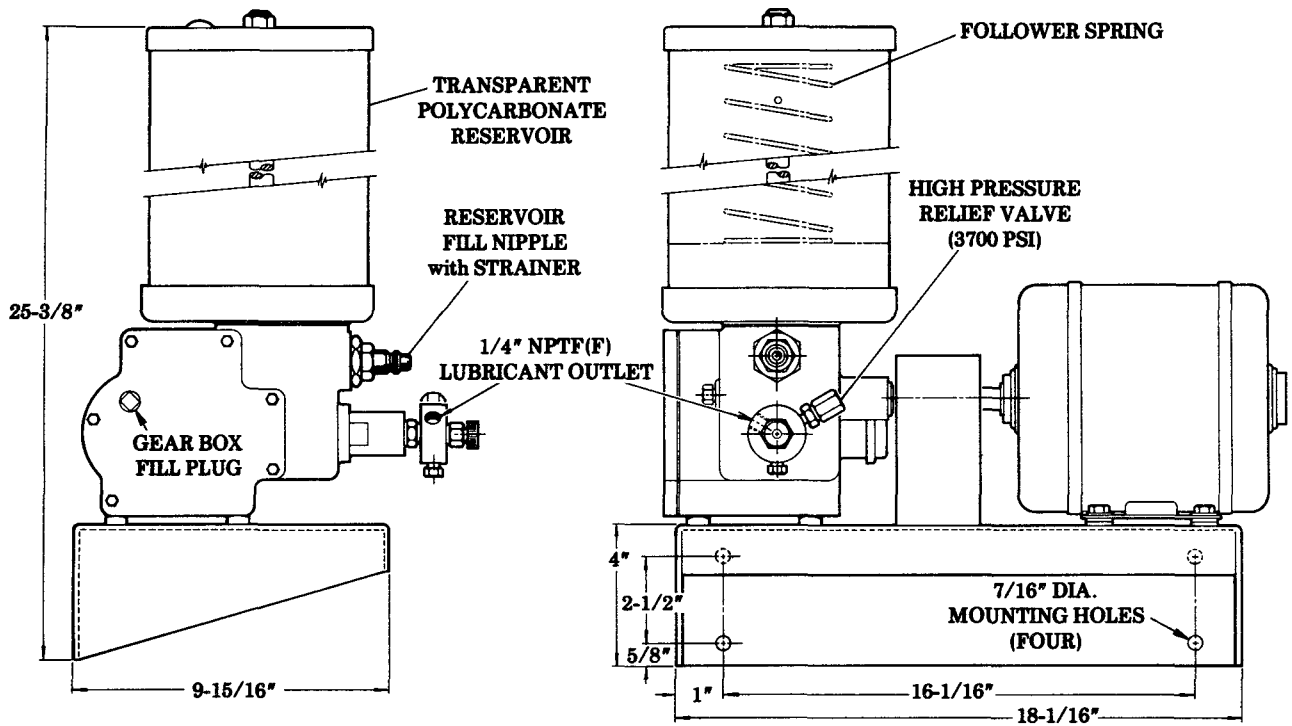


# ELECTRIC-OPERATED PUMP (GREASE)

# Model 87228

# Series "A"



## DESCRIPTION—Model 87228

Model 87228 is an electric-operated lubricant pump consisting of an electric motor, a reciprocating-type pumping mechanism and a lubricant reservoir with follower.

### MOTOR

A 1 1/3 H.P., 220/440 VOLT, 60 HZ. electric motor supplies the power to the pump. The motor wire ends are accessible at the marked terminals within the motor end bell housing. It is recommended that the motor wire be protected by a flexible conduit, suitably attached by approved gasketed connectors to the knock-outs on the motor housing.

### PUMPING MECHANISM

An average of 10 oz. per minute (18 cu. in.) with pumping pressures as high as 3500 PSI can be attained. A high pressure relief valve (3700 PSI) to protect against excess pressure is provided. The outlet check assembly can be easily removed for inspection and service.

**IMPORTANT:** It is recommended that the Gear Box be checked periodically to maintain the proper level of S.A.E. 80 Gear Lubricant.

### RESERVOIR

The lubricant reservoir has a capacity of 11.4 lb. The transparent reservoir shows the lubricant level clearly at all times. The reservoir assembly is gasketed and covered to prevent the entry of possible contaminants. Filling is done through the fill nipple which also strains the grease before entering the reservoir.

**NOTE:** The polycarbonate reservoir cylinder should be replaced with a metal cylinder on installations where the ambient temperature exceeds 140° F.

## IMPORTANT

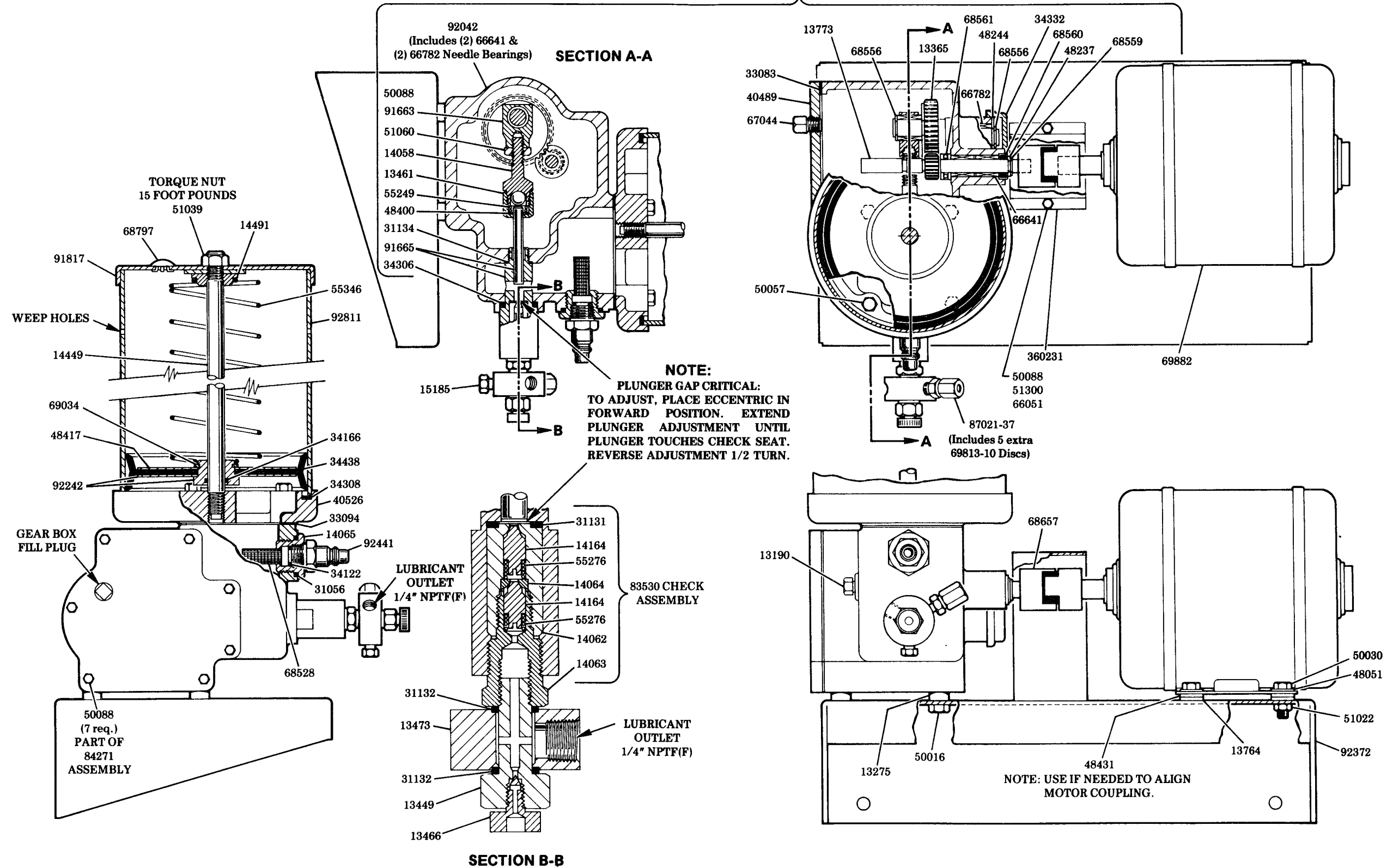
AN ACCESSORY DEVICE REQUIRED IS A STANDARD ACROSS-THE-LINE MOTOR STARTER, NEMA SIZE 0 or 1, FOR THE CONNECTION BETWEEN THE CONTROL PANEL AND PUMP MOTOR.  
(SUPPLIED BY CUSTOMER)

# LINCOLN

LINCOLN, One Lincoln Way  
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(314) 679-4200 Customer Service, (314) 679-4300

SECTION -M22  
PAGE -2

84271 GEAR BOX ASSEMBLY



**SERVICE PARTS**

PART	QUAN.	DESCRIPTION	PART	QUAN.	DESCRIPTION
13190	1	Plug	50057	4	Screw
13275	4	Spacer	50088	9	Screw
13365	1	Gear	51022	4	Nut
13449	1	Outlet bolt	51039	1	Nut
13461	1	Nut	51060	1	Nut
13466	1	Air vent screw	51300	2	Nut
13473	1	Outlet connector	55249	1	Spring
13764	4	Spacer	55276	2	Spring
13773	1	Pinion shaft	55346	1	Spring
14058	1	Connecting rod	66051	2	Lockwasher
14062	1	Body	67044	1	Plug
14063	1	Cap	68528	1	Strainer
*14064	1	Seat	68556	2	Retaining ring
14065	1	Adapter	68559	1	Retaining ring
*14164	2	Check valve	68560	1	Shaft seal
14449	1	Tie rod	68561	1	Thrust bearing
14491	1	Retainer washer	*68657	1	Coupling
15185	1	Plug	68797	1	Plug button
31056	1	Gasket	69034	1	Snap ring
*31131	1	Gasket	69882	1	Motor
31132	2	Gasket	83530	1	Check assembly
31134	1	Gasket	84271	1	Gear box assembly
33083	1	Gasket	87021-37	1	Relief valve
33094	1	Gasket	91663	1	Crank head assembly
34122	1	Packing	91665	1	Bushing and plunger
34166	1	O-ring	91817	1	Reservoir cap
34306	1	Packing	92042	1	Gear box assembly
*34308	1	Gasket	92242	1	Bushing and washer
*34332	1	Shaft seal	92372	1	Base assembly
34438	1	Follower	92441	1	Filler fitting
40489	1	Cover plate	92811	1	Reservoir assembly
40526	1	Reservoir casting	360231	1	Guard
48051	4	Washer			
48237	1	Washer			
48244	1	Washer			
48400	1	Washer			
48417	1	Washer			
48431	4	Washer			
50016	4	Screw			
50030	4	Screw			

\*Recommended service parts inventory.

**OPTIONAL:**

Low-Level Cut-Off Kit No. 83671 may be ordered to signal low lubricant level in reservoir.