

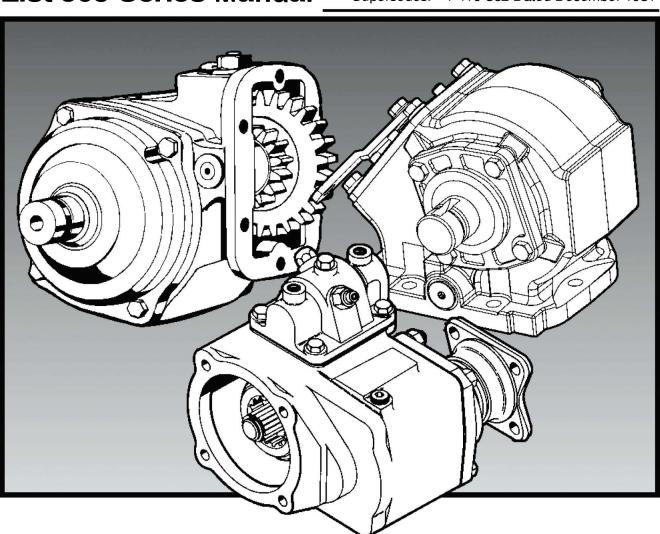
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**CHELSEA**®
Replacement Parts
List 863 Series Manual

Bulletin HY25-2863-M1/US

Effective: February 15, 2002

Supersedes: P410-862 Dated December 1981





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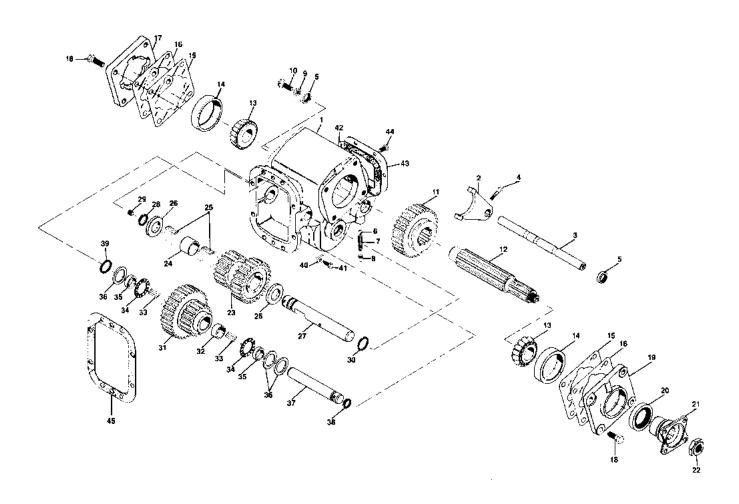
#### Bulletin HY25-2863-M1/US

# **Contents**

## Power Take-Off 863 Series

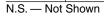
Exploded View	. 1
Bill of Materials	. 2
Assembly "LG" Self Lube	. 3
P.T.O. Model Gear & Pitch Data	. 4
Assembly Arrangements	. 4
Model Number Designation	. 4
P.T.O. Case & Shaft Dimensions	. 5
Specifications	. 5
Offer of Sale	. 8



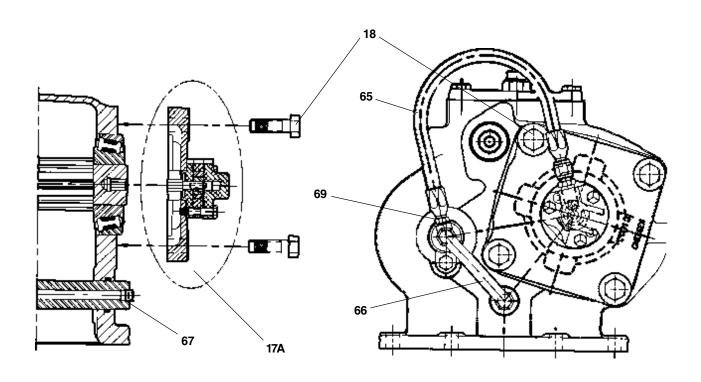


#### **Bill of Materials**

Item	Part Number	Description	Quantity
1	1-P-134	Housing	1
2	32-P-122	Shifter Fork	
3	11-P-137	Shifter Shaft	
4	378916	Screw, Hex Head (.375" - 24 X 1.375" With Patch)	
5	28-P-218	Oil Seal	
6	378002	Shifter Ball	
7	37-B-51		
8	38-P-8	Shifter Spring	
9	500381-3		
10	36-P-1	Jam Nut, Hex Head (.375" -24) Eye Bolt (.375" -24)	
10	2-P-312		
12	-	Gear, Output	
12	3-P-359	, ,	1
10	3-P-867	Drive Shaft (Self Lube "LG")	0
13	560945	Bearing Cone	
14	560946	Bleating Cup	
15	55-P-6-1	Plastic Shim (.003")	
4.0	55-P-6-2	Plastic Shim (.010")	
16	55-P-19	Shim Gasket	
17A	329105X	Lube Pump & Bearing Cap Assy ("LG") page 3	
17	21-P-66	Bearing Cap, Closed End	
18	378433-14	Screw, Hex Head (.50"-13 X 1.5")	
19	21-P-65	Bearing Cap, Output	
20	28-P-211	Oil Seal	
21	3-1-3431	Companion Flange, 1410 Series	
22	378382	Nut, Hex Head	
23	33-P-53	Gear, Reverse Idler	1
	328368-1X	REVERSE IDLER NEEDLE BEARING SERVICE KIT (Contains Items 24-26).	1
24	14-P-28	Needle Bearing Spacer, Reverse Idler	
25	378389	Needle Bearing (Two Sets, 24 Per Set)	
26	4-P-50	Spacer	
27	9-P-30	Shaft, Reverse Idler	
,	9-P-73	Shaft, Reverse Idler (Self Lube "LG")	
28	28-P-247	O-Ring (1.25" Outside Diameter)	1
29	500132-3	Oil Plug (.125"-27)	
30	28-P-241	O-Ring (1.5" Outside Diameter)	
31	See Chart Pg. 4	Gear, Input	
	328368X	INPUT NEEDLE BEARING SERVICE KIT (Contains Items 32-33)	1
32	14-P-27	Needle Bearing Spacer, Input	
33	378389	Needle Bearing (Two Sets, 21 Per Set)	
	328678-10X	INPUT SHAFT THRUST BEARING SERVICE KIT (Contains Items 34-36)	1
34	378769	Thrust Bearing Washer	
35	14-P-51	Needle Bearing Spacer, Input	
36	31-P-55	Thrust Race	
37	9-P-28	Shaft, Input	
37	9-P-77	Shaft, Input (Self Lube "LG")	1
38	28-P-240	O-Ring (1.125" Outside Diameter)	1
39	28-P-239	O-Ring (1.3125" Outside Diameter)	
00	20-1 -203	,	
40	27-P-9	Retainer Plate	
41	378430-8	Screw, Hex Head (.3125" - 18 X .75")	
42	35-P-59	Cover Gasket (.032")	
43	34-P-124	Cover	
44	378431-10	Screw, Hex Head (.375"-16 X .1.00")	6
		LOOSE PARTS	
45	328948-8X	8 Bolt Gasket & Installation Instructions	1
	35-P-15-2	Gasket, Housing (.020")	
	301 102	dation, rodoling (1020 )	/ 1./ 1.
		P.T.O. MOUNTING STUD KIT	
N.S.	328170-8X	Mounting Stud Kit	1







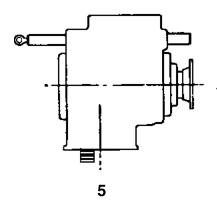
Item	Part Number	Description	Quantity
65	329092X	Pressure Lube Hose Ass'y 15" (Ship Loose)	1
66	329109X	Pressure Lube Hose Ass'y 12" (Ship Loose)	1
67	379231	Oil Plug (.125" -27 NPTF)	2
69	500750-1	Street Tree (.125" -27 NPTF) (Ship Loose)	1

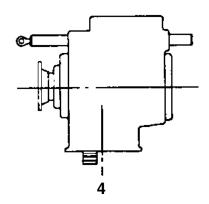
#### P.T.O. - Model Gear & Pitch Data

P.T.O. Model	Input Gear	Large Cluster Number of Teeth	Small Cluster Number of Teeth	Pitch & Pressure Angle
863*AB	5-P-508	27	18	Spur
863*BAH	5-P-285	32	18	Spur
863*BAK	5-P-223	32	18	Spur
863*BAR	5-P-236	29	18	Left Hand
863*BBG	5-P-422	33	18	Left Hand
863*CR	5-P-498	26	18	Left Hand
863*DA	5-P-636	35	18	Spur

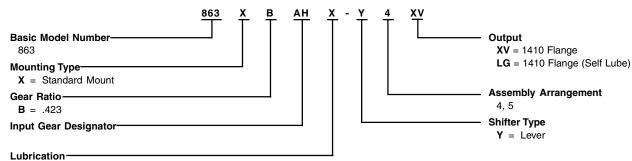
**NOTE:** When reinstalling the Power Take-Off on the transmission, the backlash between the Power Take-Off gear and the transmission gear should be approximately .006-012". If too few gaskets are used, the unit will whine; if too many, the unit will clatter.

### **Assembly Arrangements**



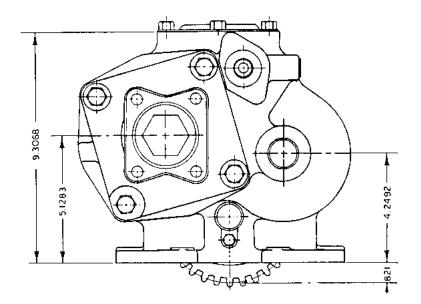


### **Model Number Designation**



X = No Option Available

**P** = Pressure Lube



# **Specifications**

Torque Rating	500 Lbs. Ft.*
Horsepower Rating 500 RPM of Output Shaft 1000 RPM of Output Shaft	47 * 94 *
Approximate Weight	96 Lbs.

<sup>\*</sup> Based on Intermittent Service

Notes



Notes



#### Offer of Sale

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- **3. Delivery:** Unless otherwise provided on the face hereof, delivery shall be made F.O.B. Seller's plant. Regardless of the method of delivery, however, risk of loss shall pass to Buyer upon Seller's delivery to a carrier. Any delivery dates shown are approximate only and Seller shall have no liability for any delays in delivery.
- **4. Warranty:** Seller warrants that the items sold hereunder shall be free from defects in material or workmanship for a period of:
- (A) All Power Take-Off units one (1) year from date of installation.
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