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### **CHELSEA**®

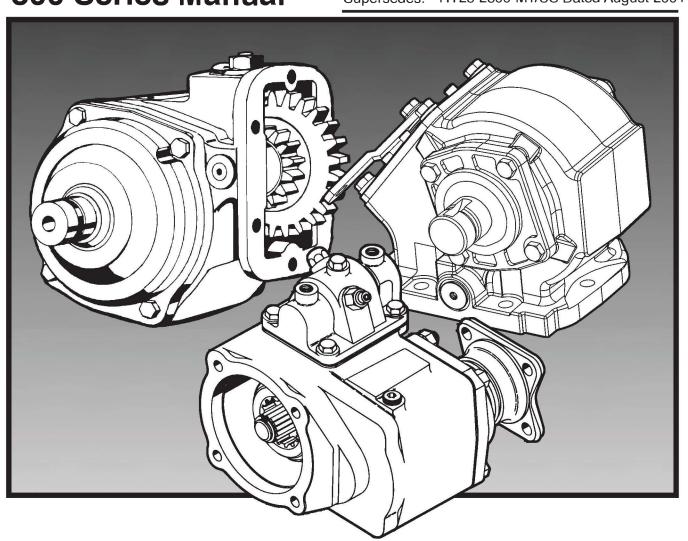
Bulletin HY25-2800-M1/US

# Replacement Parts List

**800 Series Manual** 

January 15, 2009

Supersedes: HY25-2800-M1/US Dated August 2004





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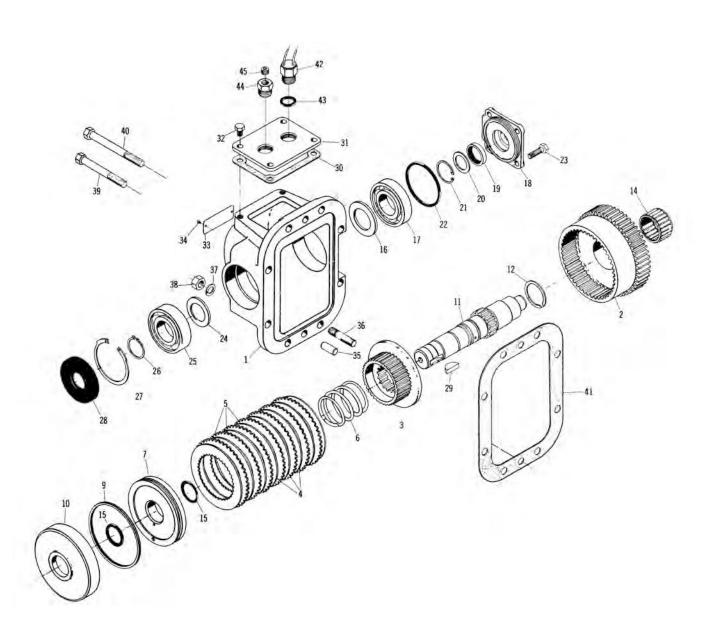
## Power Take-Offs **800 Series**

#### Bulletin HY25-2800-M1/US

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Assembly 3

#### Bill of Materials

## Power Take-Offs **800 Series**

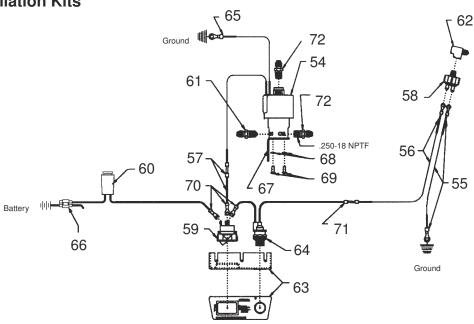
Item	Part Number	Description	Quantity
1	1-P-331	Housing, P.T.O.	1
2	2-P-477	Gear, Output Clutch	1
3	2-P-458	Gear, Inner Clutch	1
4	379485	Disc, Friction	8
5	379595	Plate, Clutch	
6	37-P-39	Spring, Clutch	
0	329179-1X	Piston and Back-up cylinder sub assembly	
7	380057-1	Piston	1
•			
9	28-P-178	Ring, Block Vee	1
10	379323-1	Cylinder, Clutch Back-up	1
11	3-P-814	Shaft, Drive (XC output) Ass'y 3	
	See Chart Pg. 5	Shaft, Drive	
12	379062	Ring, Retainer	
14	560918	Bearing, Roller	
15	28-P-244	O-Ring	
16	31-P-87	Washer, Thrust (Ass'y 3)	
	31-P-74	Washer, Thrust (Ass'y 4)	
	378098	Lockring (Ass'y 4)	1
17	550010	Bearing, Ball	1
18	21-P-346	Cap, Bearing	]
19	28-P-119	Seal, Oil	]
20	378811	Back-up Plate, Oil Seal	
21	378849	Ring, Retainer	
22	28-P-246	O-Ring	
23	378430-10 4-P-116	Screw, Hex Head Cap (.321"-18 x .750")	
24	560929	Spacer (Ass'y 3)	
25 26	378391	Bearing, Ball	
26 27	378402	Ring, RetainerRing, Retainer	
28	28-P-228	Seal, Oil	
29	500007-29	Key, Woodruff (XC Output)	
23	See Chart Pg. 5	Ney, woodran (No Output)	
30	35-P-8	Gasket, Cover Plate	1
31	34-P-105	Plate, Cover	
32	378430-8	Screw, Hex Head Cap (.321"-18 x .750")	
33	68-P-2	Plate, Name	1
34	378422	Screw, Drive	2
-	328170-113X	Mounting Stud Kit	1
35	378054	Pin, Dowel (.438" x 1")	
36	379424-21	Stud (.438"-14 & .438"-20 x 2.250")	4
37	500357-12	Washer, (.438" Lock)	4
38	379745	Flange Nut	4
39	378432-29	Capscrew (.438"-14 x 3.750")	
40	378432-32	Capscrew (.438"-14 x 4.500")	2
	328948-8X	Gasket & Installation Kit	
41	35-P-15-1	Gasket, Mounting (.010)	AR
	35-P-15-2	Gasket, Mounting (.020)	
42	379327	Speed Sensor w/ E.O.C	1
43	28-P-171	O-Ring w/ E.O.C.	1
44	379242	O-Ring Boss Plug w/ E.O.C.	
	379242	O-Ring Boss Plug w/o E.O.C.	
45	379231	Pipe Plug (.125"-27 w/ E.O.C.).	
	379231	Pipe Plug (.125"-27 w/o E.O.C.)	2
	328924-12X	Control Box, Speed Limiter (12v)	1 01
	328924-12X 328924-24X	Control Box, Speed Limiter (12v)	
	328929-12X	Electric Shift Installation Kit 12v w/ E.O.C. ("K")	1 or
	328929-24X	Electric Shift Installation Kit 124 w/ E.O.C. ("L")	1 or
	328715X	Electric Shift Installation Kit 12v Low Pressure, Allison ("B")	1 or
	328749X	Electric Shift Installation Kit 24v Low Pressure, Allison ("D")	
	02011071		
	328075X	Pressure Lube Hose	1
	000046 517	LOOSE PARTS	
	328948-8X	Eight Bolt Gasket & Installation Instructions	1
		SERVICE KITS	
	328678-11X	Shaft & Retaining Ring Service Kit (Ass'y 3)	1
	328678-12X	Shaft & Retaining Ring Service Kit (Ass'y 4)	1

A.R.—As Required

<sup>\*</sup>Included in 328170-113X P.T.O. Mounting Kit.

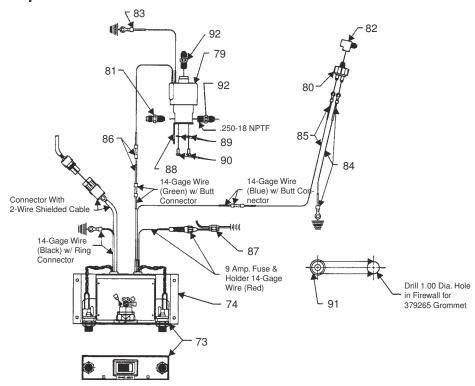


#### **Shift Installation Kits**



Item	Part Number	Description	Quantity
	328715X	12V Shift Installation Kit	1
		(Includes items 54 thru 72)	
	328749X	24V Shift Installation Kit	1
		(Includes items 54 thru 72)	
54	379686-1	Solenoid Valve, 12 Volt for 328715X Kit	1
	379686-2	Solenoid Valve, 24 Volt for 328749X Kit	1
55	379254-14	Wire, Black w/Two Ring Connectors	1
56	379254-13	Wire, Blue w/One Ring Connector	1
57	379254-3	Wire, Green w/One Butt Connector	
	328963X	Powto Pop. 10 Volt Vit (200715V)	4
		Parts Bag, 12 Volt Kit (328715X)	l
	328964X	Parts Bag, 24 Volt Kit (328749X)	1
58	379547	Pressure Switch	1
59	378881	Rocker Switch	1
60	379900	Fuse Holder, 10 Amp	1
61	379449	Screened Adaptor, 1/4-18 NPT	1
62	378966	Street Tee, Screened	
63	379336	Bracket	1
64	378978	Indicator Light, 12V (Kits 328963X & 328715X)	1
	379005	Indicator Light, 24V (Kits 328964X & 328749X)	1
65	379253	Ring Connector	2
N.S.	379061	Wire Ties	6
66	379257	Splice Connector	1
67	379258	Bracket, Solenoid Mounting	1
68	500357-7	Lock Washer (.188" I.D.)	2
69	500457-6	Screw, Mounting (.190"-32 x .438")	
70	379306	Fork Connector	3
71	379252	Butt Connector	1
72	379280	Adaptor Fitting	2

#### **Electronic Overspeed Control**



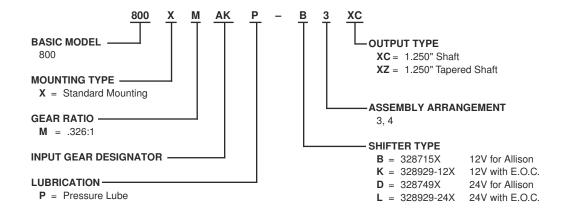
Item	Part Number	Description	Quantity
	328924-12X	12V E.O.C. (Includes Items 73 thru 78)	1
	328924-24X	24V E.O.C. (Includes Items 73 thru 78)	
73	328922-12X	Control Box E.O.C. 12 volt	
	328922-24X	Control Box E.O.C. 24 volt	
74	379244	Bracket, E.O.C. Mounting	1
75	328923-10X	Connector Cable, 10 ft. Standard	1
	328923-5X	Connector Cable, 5 ft. Optional	1
	328931X	Mounting Parts, E.O.C. Bracket	
76	500448-9	Screw (10-20)	
77	500357-7	Lockwasher	
78	500376-6	Nut (10-24)	4
	328929-12X	12V E.O.C. Installation Kit (Includes Items 79 thru 92)	1
	328929-24X	24V E.O.C. Installation Kit (Includes Items 79 thru 92)	1
79	379686-1	Solenoid Valve, 12V (for 328929-12X)	
	379686-2	Solenoid Valve, 24V (for 328929-24X)	
80	379547	Pressure Switch	1
81	379449	Screen Adaptor (1/4-18 NPT)	1
82	378966	Street Tee, Screened	
83	379253	Ring Connector	1
84	379254-14	Wire, Black w/Two Ring Connectors	
85	379254-13	Wire, Blue w/One Ring Connector	1
86	379254-3	Wire, Green w/One Butt Connector	
87	379257	Splice Connector	
88	379258	Bracket, Solenoid Mounting	
89	500357-7	Lockwasher (.188" ID)	
90	500457-6	Screw, Mounting (.190"-32 x .438")	2
91	379265	Grommet	
92	379280	Adaptor Fitting	



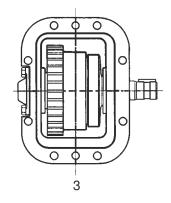
#### **Output Shaft Chart**

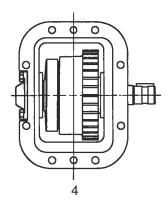
Shaft Number	Output Type	Assembly Arrangement	Item #29 Key	Locknut
3-P-814	XC	3	500007-29	None
3-P-727	XC	4	500007-29	None
3-P-813	XZ	3	379111	379214
3-P-796	XZ	4	379111	379214

#### **Model Number Designation**



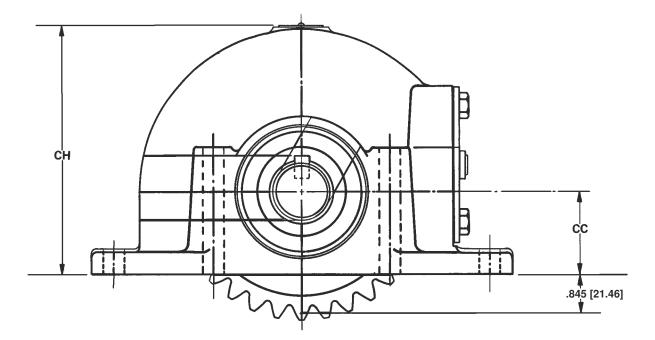
#### **Assembly Arrangements**





#### 800 Series

CC	Face of Case to Center Line of Output Shaft	1.821" [46.25]
CH	Face of Case to Extreme Horizontal Edge of Case (Clearance)	5.48" [139.2]





Notes	



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- 2. Payment: Payment shall be made by Buyer net 30 days from the date of delivery of the items purchased hereunder. Amounts not timely paid shall bear interest at the maximum rate permitted by law for each month or portion thereof that the Buyer is late in making payment. Any claims by Buyer for omissions or shortages in a shipment shall be waived unless Seller receives notice thereof within 30 days after Buyer's receipt of the shipment.
- 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 18 months from date of sale.
- (B) Except 267, 269, 277, 278, 246, 247, 250, and 859 series two (2) years from date of installation. THIS WARRANTY COMPRISES THE SOLE AND ENTIRE WARRANTY PERTAINING TO ITEMS PROVIDED HEREUNDER. SELLER MAKES NO OTHER WARRANTY, GUARANTEE, OR REPRESENTATION OF ANY KIND WHATSOEVER. ALL OTHER WARRANTIES, INCLUDING BUT NOT LIMITED TO, MERCHANTABILITY AND FITNESS FOR PURPOSE, WHETHER EXPRESS, IMPLIED, OR ARISING BY OPERATION OF LAW, TRADE USAGE, OR COURSE OF DEALING ARE HEREBY DISCLAIMED. NOTWITHSTANDING THE FOREGOING, THERE ARE NO WARRANTIES WHATSOEVER ON ITEMS BUILT OR ACQUIRED WHOLLY OR PARTIALLY, TO BUYER'S DESIGNS OR SPECIFICATIONS.
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- discard or otherwise dispose of any special tooling or other property in its sole discretion at any time.
- 8. Buyer's Property: Any designs, tools, patterns, materials, drawings, confidential information or equipment furnished by Buyer or any other items which become Buyer's property, may be considered obsolete and may be destroyed by Seller after two (2) consecutive years have elapsed without Buyer placing an order for the items which are manufactured using such property, Seller shall not be responsible for any loss or damage to such property while it is in Seller's possession or control.
- 9. Taxes: Unless otherwise indicated on the face hereof, all prices and charges are exclusive of excise, sales, use, property, occupational or like taxes which may be imposed by any taxing authority upon the manufacture, sale or delivery of the items sold hereunder. If any such taxes must be paid by Seller or if Seller is liable for the collection of such tax, the amount thereof shall be in addition to the amounts for the items sold. Buyer agrees to pay all such taxes or to reimburse Seller therefore upon receipt of its invoice. If Buyer claims exemption from any sales, use or other tax imposed by any taxing authority, Buyer shall save Seller harmless from and against any such tax, together with any interest or penalties thereon which may be assessed if the items are held to be taxable.
- 10. Indemnity For Infringement of Intellectual Property Rights: Seller shall have no liability for infringement of any patents, trademarks, copyrights, trade dress, trade secrets or similar rights except as provided in this Part 10. Seller will defend and indemnify Buyer against allegations of infringement of U.S. Patents, U.S. Trademarks, copyrights, trade dress and trade secrets (hereinafter 'Intellectual Property Rights'). Seller will defend at its expense and will pay the cost of any settlement or damages awarded in an action brought against Buyer based on an allegation that an item sold pursuant to this contract infringes the Intellectual Property Rights of a third party. Seller's obligation to defend and indemnify Buyer is contingent on Buyer notifying Seller within ten (10) days after Buyer becomes aware of such allegations of infringement, and Seller having sole control over the defense of any allegations or actions including all negotiations for settlement or compromise. If an item sold hereunder is subject to a claim that it infringes the Intellectual Property Rights of a third party, Seller may, at its sole expense and option, procure for Buyer the right to continue using said item, replace or modify said item so as to make it noninfringing, or offer to accept return of said item and return the purchase price less a reasonable allowance for depreciation. Notwithstanding the foregoing, Seller shall have no liability for claims of infringement based on information provided by Buyer, or directed to items delivered hereunder for which the designs are specified in whole or part by Buyer, or infringements resulting from the modification, combination or use in a system of any item sold hereunder. The foregoing provisions of this Part 10 shall constitute Seller's sole and exclusive liability and Buyer's sole and exclusive remedy for infringement of Intellectual Property Rights.

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