



## Chelsea PTO 434 Parts Manual

Pro Gear and Transmission presents Chelsea 434Series PTO parts manual to assist in identifying the parts for your Chelsea Power Take Off unit.

If you need any assistance identifying the correct Power Take Off unit for your truck and equipment, contact your Chelsea replacement part specialists at Pro Gear and Transmission.

Pro Gear stocks every part for your Parker Chelsea PTO including: PTO housings, mounts, driveshafts, gears, bearings, gaskets, cable shift cover assembly, post and plate assembly, brackets, stud kits, seal kits, lever control assembly, air shift cover assembly, direct mount pump conversion kits, stud kits including English and metric references, CAT D&H parts and much more.

Pro Gear Transmission has same day shipping and 1000's of products in stock and ready to ship internationally for your next project.

For parts or service contact the Chelsea specialists at Pro Gear & Transmission, Inc.

1 (877) 776-4600  
(407) 872-1901  
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# **CHELSEA**

## **Replacement Parts**

### **List 434 Series**

### **Manual**

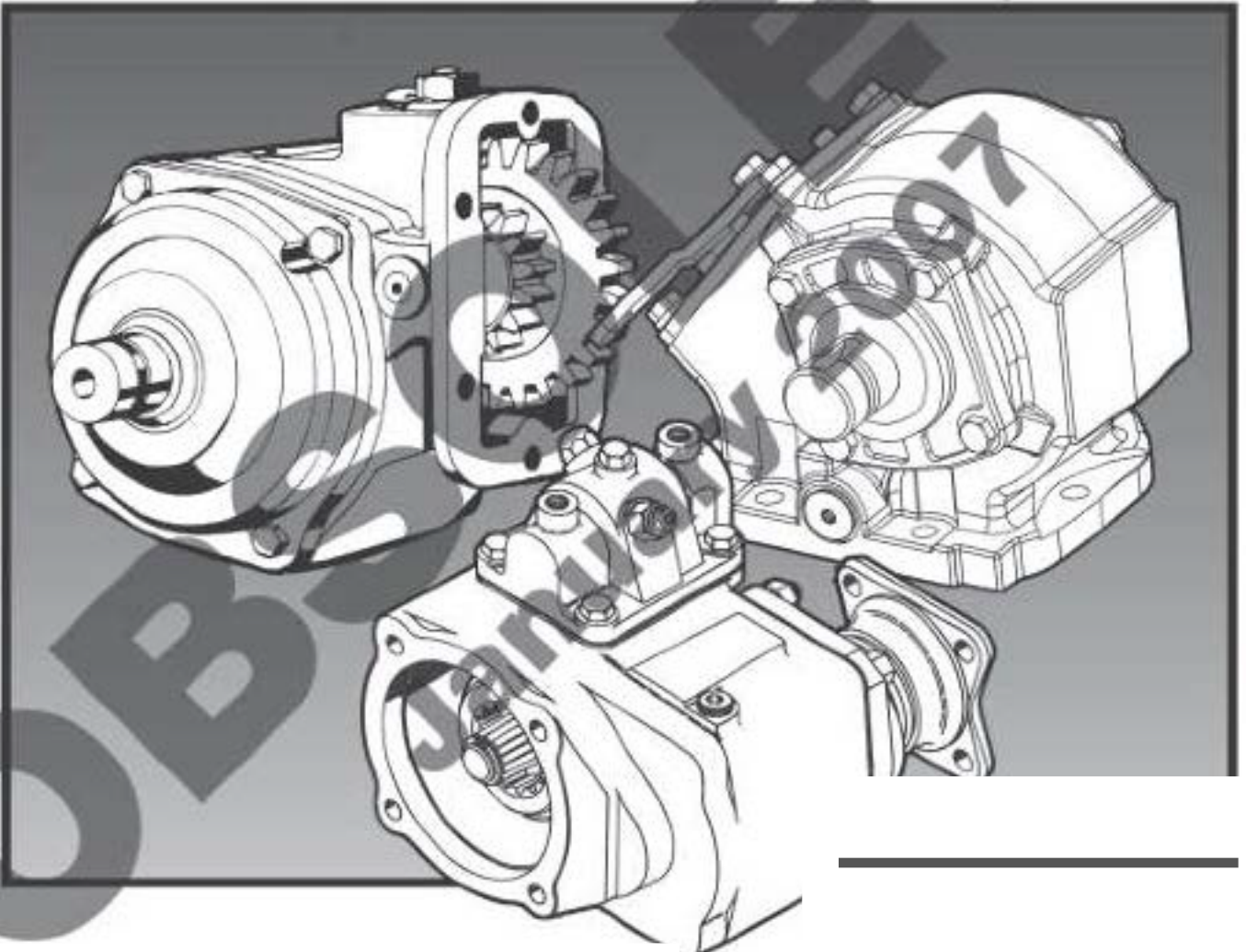
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Parker

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 **WARNING**

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This document and other information from Parker Hannifin Corporation, its subsidiaries and authorized distributors provide product and/or system options for further investigation by users having technical expertise. It is important that you analyze all aspects of your application and review the information concerning the product or system in the current product catalog. Due to the variety of operating conditions and applications for these products or systems, the user, through its own analysis and testing, is solely responsible for making the final selection of the products and systems and assuring that all performance, safety and warning requirements of the application are met.

The products described herein, including without limitation, product features, specifications, designs, availability and pricing, are subject to change by Parker Hannifin Corporation and its subsidiaries at any time without notice.

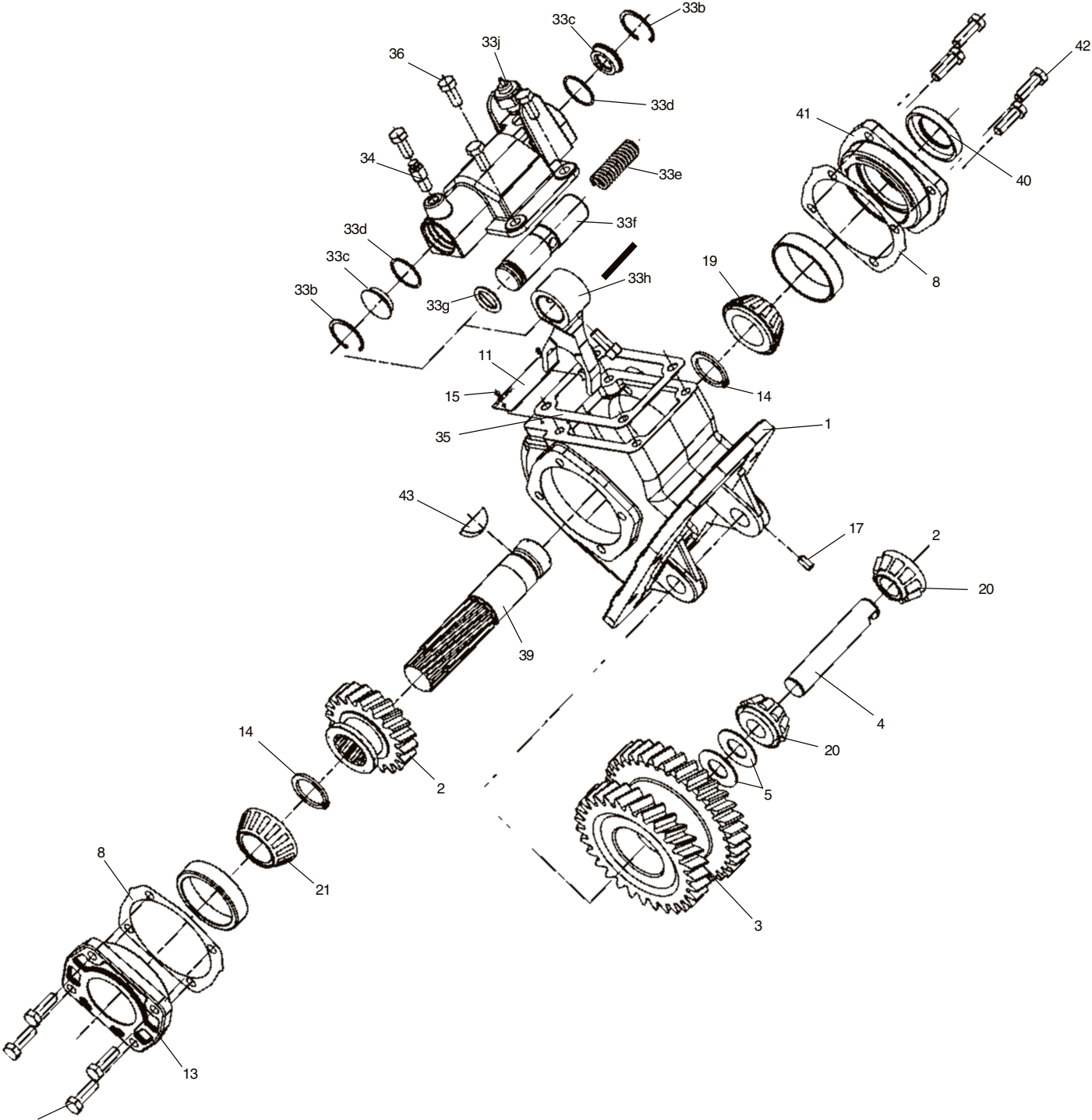
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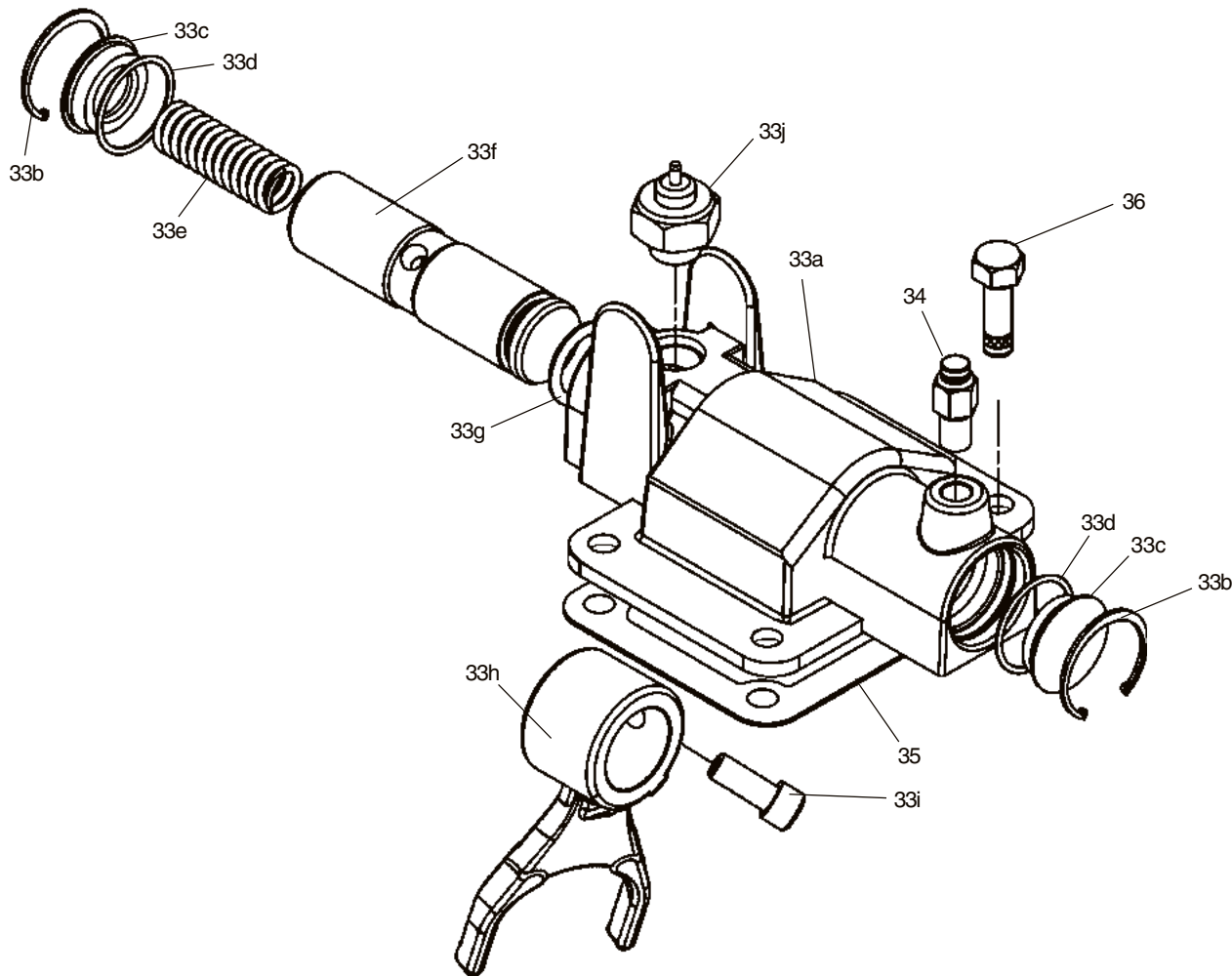
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**Bill of Materials****Power Take-Off****434 Series**

Item	Part Number	Description	Quantity
1	1-P-504	Housing .....	1
2	2-P-699	Gear, Output (20 teeth) .....	1
3	5-P-962	Gear, Idler .....	1
4	9-P-66	Shaft, Idler .....	1
5	14-P-15	Input Gear Spacers .....	A/R
8	22-P-24-1	Gasket, Bearing Cap (0.10) .....	A/R
	22-P-24-2	Gasket, Bearing Cap (.020) .....	A/R
	22-P-24-3	Gasket, Bearing Cap (.015) .....	A/R
11	68-P-37	Name Plate .....	1
13	328274X	Bearing Cap Assembly (Closed End) .....	1
14	378391	Lockring .....	2
15	378422	Drive Screw .....	2
16	378430-10	Capscrew, Hex Head (.312"-18 x 1.000") .....	4
17	378452-7	Set Screw (.250"-20 x .500") .....	1
19	550397	Bearing Cone .....	1
20	550439	Bearing Cone .....	2
21	550532	Bearing Cone .....	1
<b>CABLE SHIFT (see page 3)</b>			
26	329038-1X	Cable Shift Cover Assembly (3 & 6) .....	1 or
	329038-2X	Cable Shift Cover Assembly (4 & 5) .....	1
29	278430-9	Capscrew, Hex Head (.312"-18 x .875") .....	1
<b>AIR SHIFT</b>			
33	329363X	Shifter Cover Assembly, Air Shift ( Includes Items 33a-33j) .....	1
33a	34-P-130	Shifter Cover .....	1
33b	378316	Snap Ring .....	2
33c	378315	Cover Plug .....	2
33d	28-P-42	O-Ring .....	2
33e	37-P-21	Shifter Spring .....	1
33f	11-P-75	Shaft, Shifter .....	1
33g	28-P-41	O-Ring .....	1
33h	32-P-180	Shifter Fork .....	1
33i	378447-4	Capscrew, Socket Head w/ lockpatch (.312"-18 x .750") .....	1
33j	379639	Indicator Switch (Normally OFF) .....	1
34	379904	Push Connect, for 1/4" tubing .....	1
35	35-P-8	Gasket, Shifter Cover .....	1
36	378430-9	Capscrew, Hex Head (.312"-18 x .875") .....	4
<b>AIR SHIFT CONVERSION KITS</b>			
	328390-105X	Lever to Air 12V .....	1
	328390-106X	Lever to Air 24V .....	1
	328390-117X	Lever or Cable to Air .....	1
	328390-119X	Lever or Cable to Electric/Air, 12V .....	1
	328390-120X	Lever or Cable to Electric/Air, 24V .....	1
<b>OUTPUT, "XD"</b>			
39	3-P-202	Shaft, Output .....	1
	See Chart Pg. 5	Pump Mounts, Output Shaft .....	1
40	28-P-216	Oil Seal .....	1
	See Chart Pg. 5	Pump Mounts, Oil Seal .....	1
41	328273X	Bearing Cap Assembly .....	1
	See Chart Pg. 5	Pump Mounts, Bearing Cap Assembly .....	1
42	378430-10	Capscrew, Hex Head (.312"-18 x 1.000") .....	4
43	500007-29	Woodruff Key .....	1
<b>LOOSE PARTS</b>			
	328170-197X	Stud Kit .....	1
	328961-3X	Installation Instructions .....	1
64	328345-15X	Cable Control Assembly (See Page 3) .....	1
	328380X	Cable Control Parts Bag .....	1
	328751X	Installation Kit .....	1
	328388-37X	Air Shift Installation Kit .....	1
	328711X	Installation Kit ("XR" Pump) .....	1
	329166-12X	E-Z Shift Installation Kit .....	1

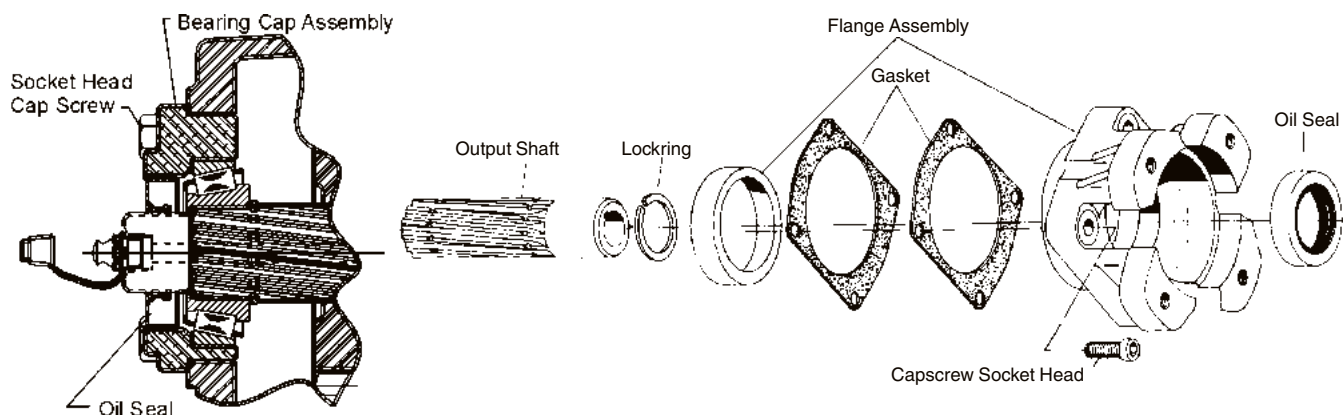
A.R.—As Required



Item	Part Number	Description	Quantity
33	<b>329363X</b>	Shifter Cover Assembly, Air Shift ( Includes Items 33a-33j) .....	1
33a	<b>34-P-130</b>	Shifter Cover .....	1
33b	<b>378316</b>	Snap Ring .....	2
33c	<b>378315</b>	Cover Plug .....	2
33d	<b>28-P-42</b>	O-Ring .....	2
33e	<b>37-P-21</b>	Shifter Spring .....	1
33f	<b>11-P-75</b>	Shaft, Shifter .....	1
33g	<b>28-P-41</b>	O-Ring .....	1
33h	<b>32-P-180</b>	Shifter Fork .....	1
33i	<b>378447-4</b>	Capscrew, Socket Head w/ lockpatch (.312"-18 x .750") .....	1
33j	<b>379639</b>	Indicator Switch (Normally OFF) .....	1
34	<b>379904</b>	Push Connect, for 1/4" tubing .....	1
35	<b>35-P-8</b>	Gasket, Shifter Cover .....	1
36	<b>378430-9</b>	Capscrew, Hex Head (.312"-18 x .875") .....	4
		<b>Air Shift Conversion Kits</b>	
	<b>328390-105X</b>	Lever to Air 12V .....	1
	<b>328390-106X</b>	Lever to Air 24V .....	1
	<b>328390-117X</b>	Lever or Cable to Air .....	1
	<b>328390-119X</b>	Lever or Cable to Electric/Air, 12V .....	1
	<b>328390-120X</b>	Lever or Cable to Electric/Air, 24V .....	1

Flange Suffix	Flange Type	Shaft Type	Conversion Kit*
XR	Chelsea Special 4 Bolt	7/8"-13 Spline	328591-52x
RA	Rotatable S.A.E. "B" 2 Bolt	7/8"-13 Spline	328591-55x
RB	Rotatable S.A.E. "B" 4 Bolt	7/8"-13 Spline	328591-56x
RF	Rotatable S.A.E. "BB" 2 Bolt	1.0"-15 Spline	328591-78x
GA	Rotatable S.A.E. "B" 2 Bolt	7/8"-13 Spline	**328591-72x
GB	Rotatable S.A.E. "B" 4 Bolt	7/8"-13 Spline	**328591-74x
GH	Rotatable S.A.E. "BB" 2 Bolt	1.0"-15 Spline	**328591-116x
GR	Chelsea Special 4 Bolt	7/8"-13 Spline	**328591-76x

\*\* Shaft with Grease Fitting

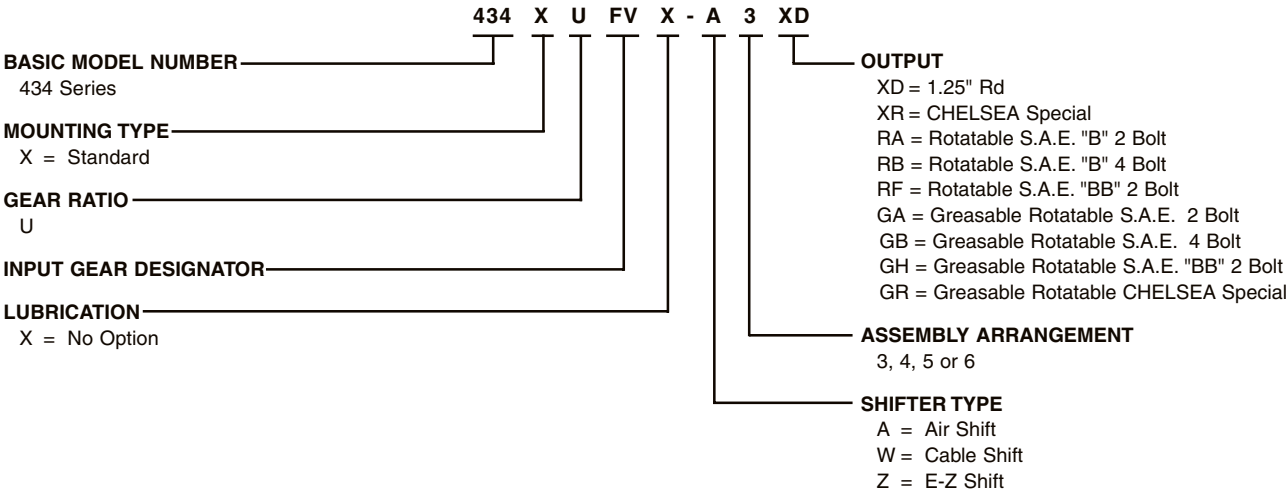
**Pump Conversion Kit Bill of Material**

Flange Suffix	Conversion Kit *	Front				Rear Cap Greasable Option		
		Flange Assembly	Output Shaft	Socket Head	Oil Seal	Bearing Cap Assembly	Socket Head	Oil Seal
GA	328591-72X	329195X & 21-P-628	3-P-923X	378447-6 tt	28-P-216	328273X	378430-10	28-P-268
GB	328591-74X	329195X & 21-P-572	3-P-923X	378447-6 tt	28-P-216	328273X	378430-10	28-P-268
GH	328591-116X	329264X & 21-P-626	3-P-941X	378447-6 tt	28-P-216	328273X	378430-10	28-P-268
GR	328591-76X	329194X	3-P-923X	379673 t	28-P-216	328273X	378430-10	28-P-268
RA	328591-55X	329195X & 21-P-628	3-P-283	378447-6 tt	28-P-216			
RB	328591-56X	329195X & 21-P-572	3-P-283	348447-6 tt	28-P-216			
RF	328591-78X	329264X & 21-P-626	3-P-924	378447-6 tt	28-P-219			
XR	328591-52X	329194X	3-P-283	379673 t	28-P-216			

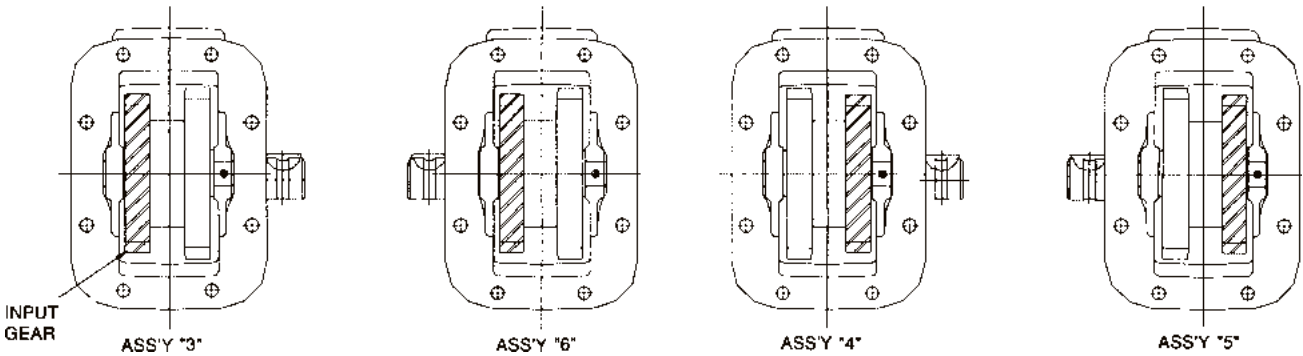
\* Consists of all items shown in the illustration, plus Lockring (item 14) and Bearing Cap Gasket (item 8)

t Special shoulder stud.

tt Seven required; four (4) to fasten the Flange Assembly 328195X to housing and three (3) to fasten the rotatable flange to the flange assembly.



Assembly Arrangements



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(A) All Power Take-Off units one (1) year from date of installation.

(B) Except 267, 277, 278, 242, 244, 246, 250, 251 and 859 series two (2) years from date of installation.

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