



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
parts@eprogear.com

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CHELSEA

Replacement Parts

List 434 Series

Manual

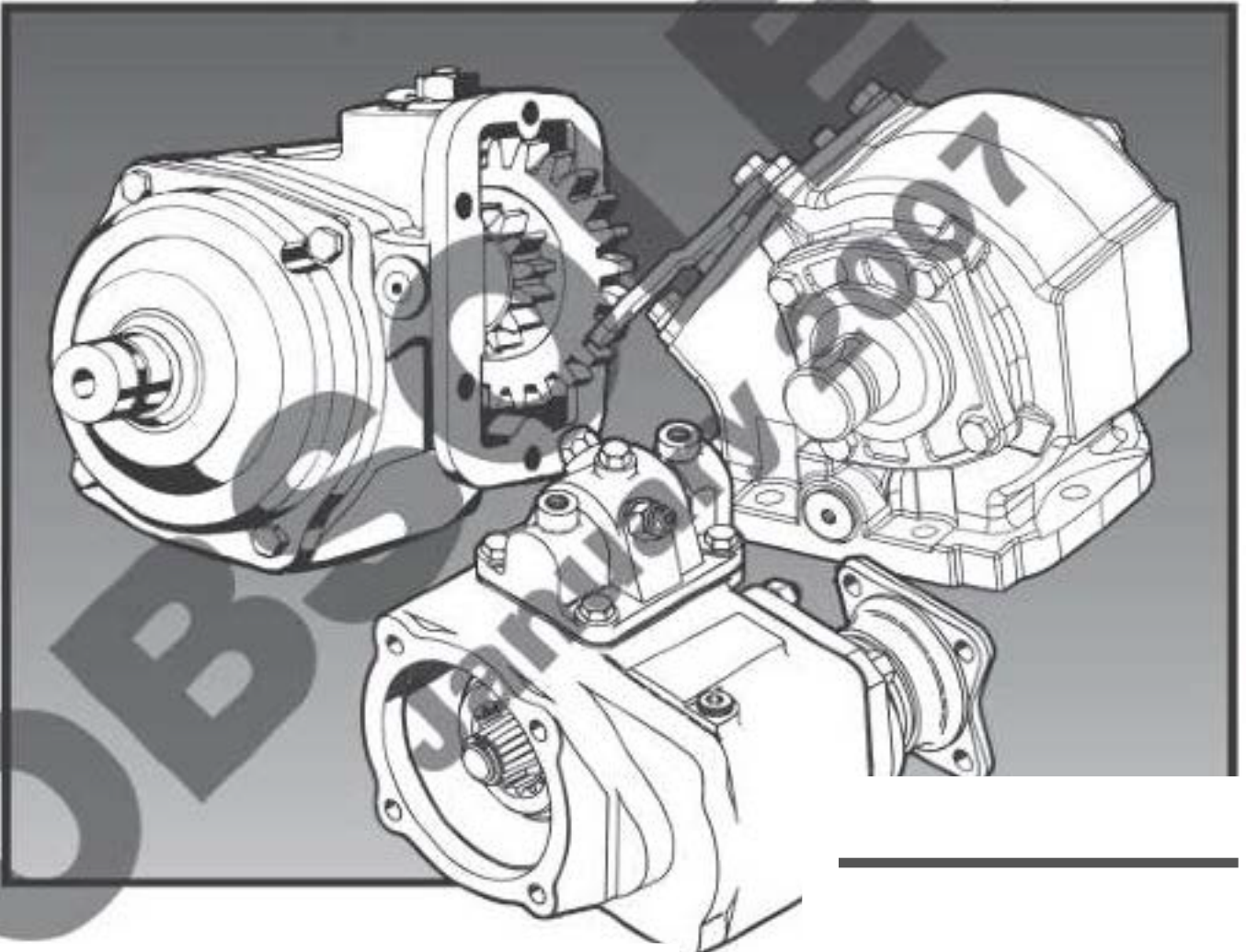
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Parker



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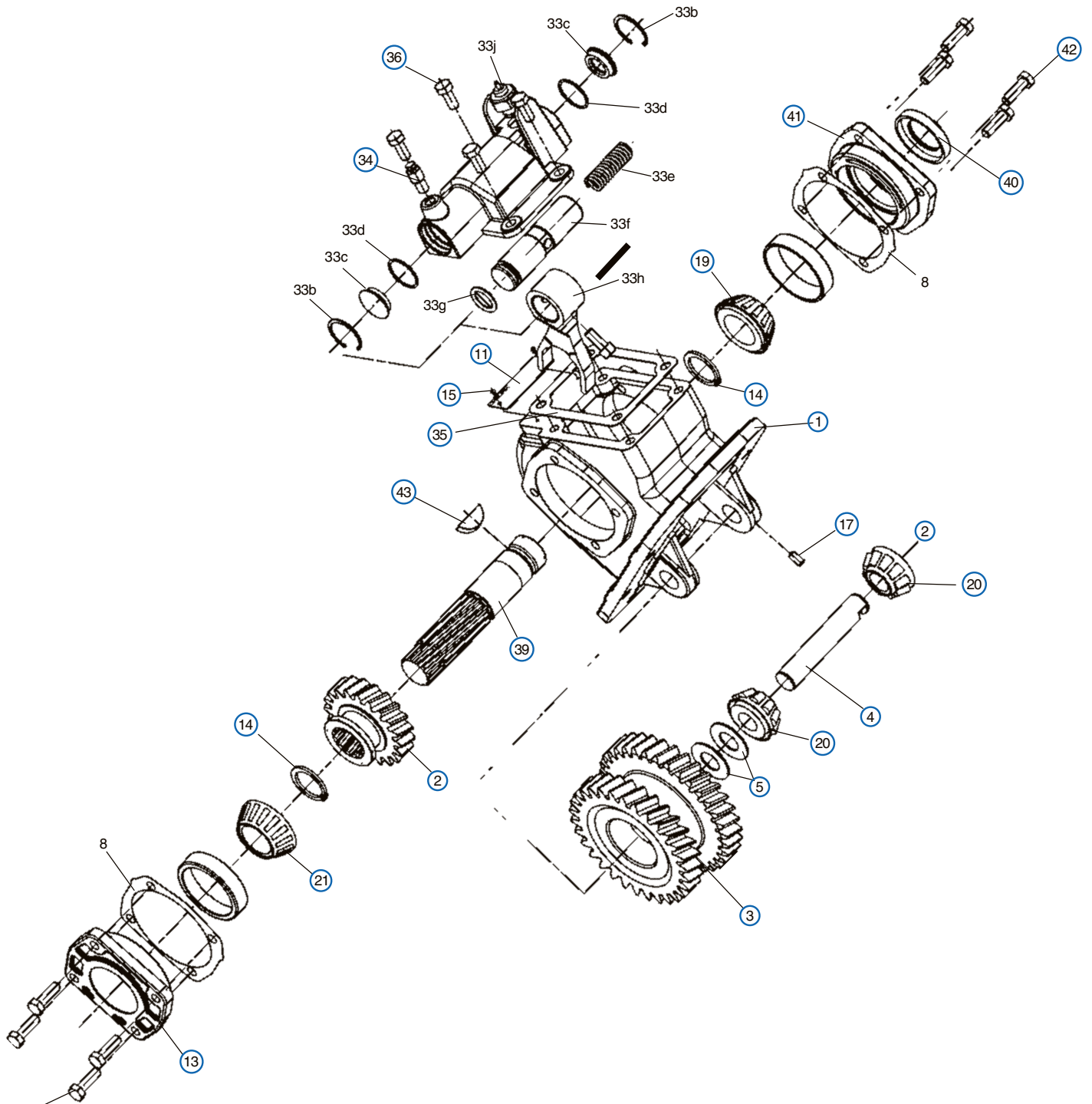
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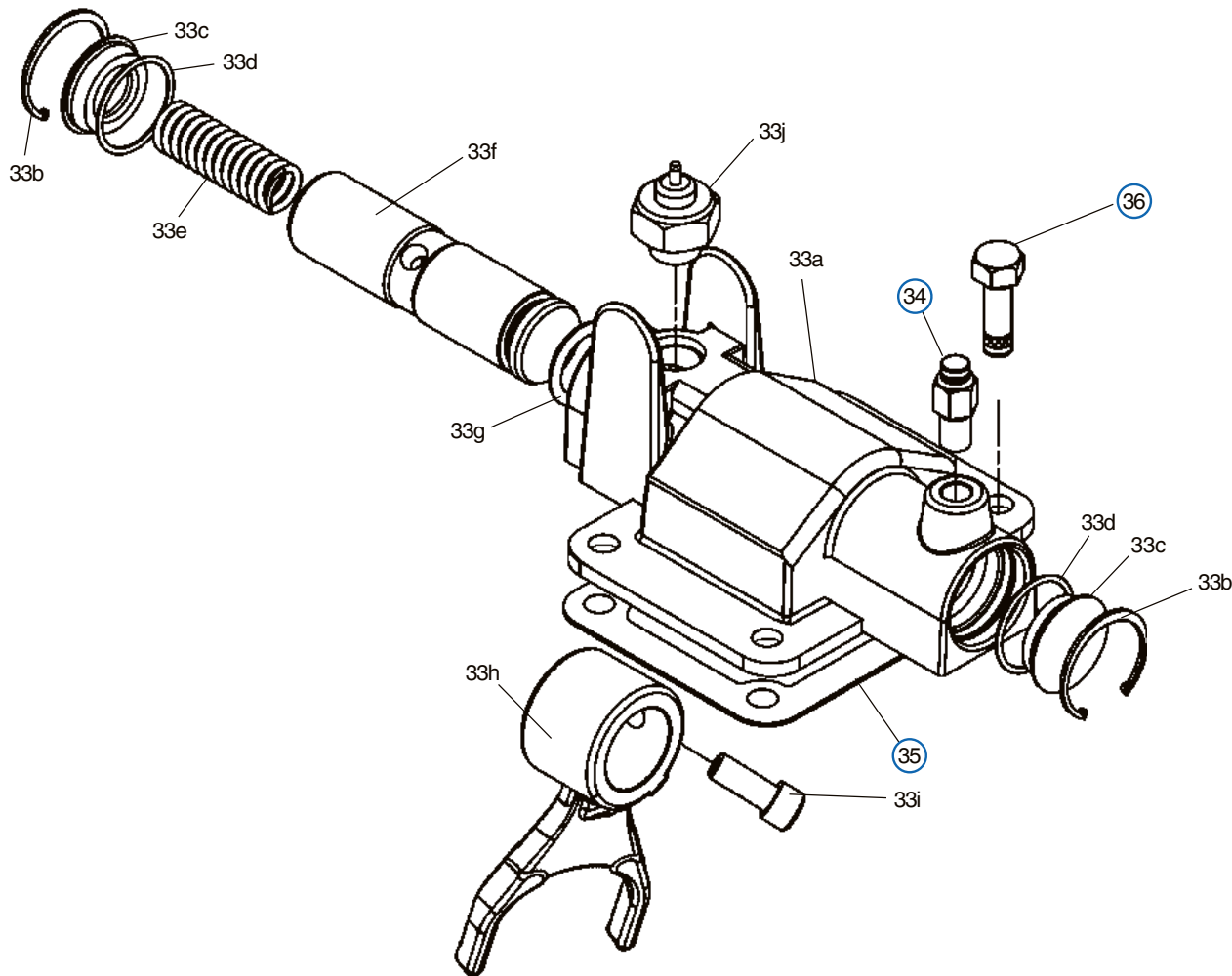


Bill of Materials

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
CABLE SHIFT (see page 3)			
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
AIR SHIFT			
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
AIR SHIFT CONVERSION KITS			
	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
OUTPUT, "XD"			
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
LOOSE PARTS			
▶	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

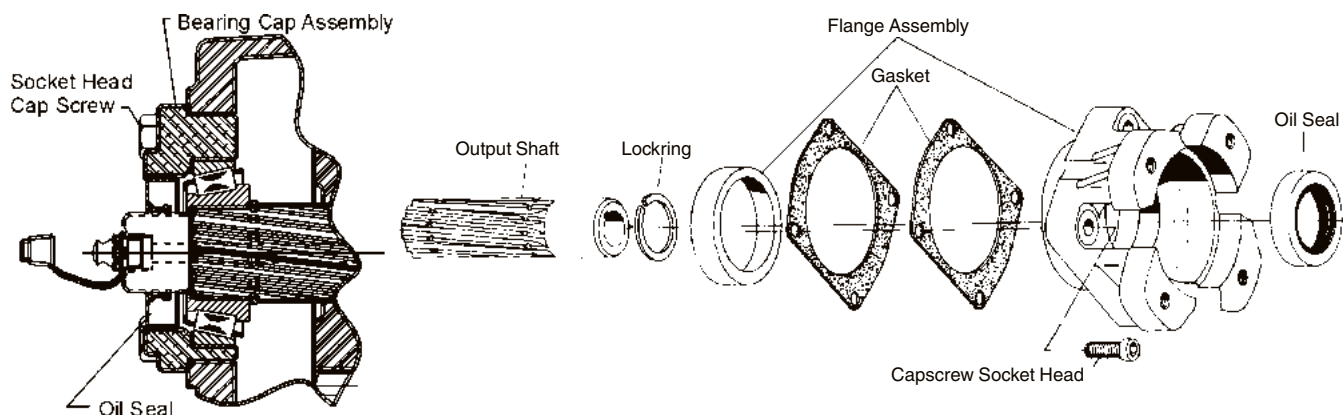


Item	Part Number	Description	Quantity
33 ▶	329363X	Shifter Cover Assembly, Air Shift (Includes Items 33a-33j)	1
33a	34-P-130	Shifter Cover	1
33b	378316	Snap Ring	2
33c	378315	Cover Plug	2
33d	28-P-42	O-Ring	2
33e	37-P-21	Shifter Spring	1
33f	11-P-75	Shaft, Shifter	1
33g	28-P-41	O-Ring	1
33h	32-P-180	Shifter Fork	1
33i	378447-4	Capscrew, Socket Head w/ lockpatch (.312"-18 x .750")	1
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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
		Air Shift Conversion Kits	
	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

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			

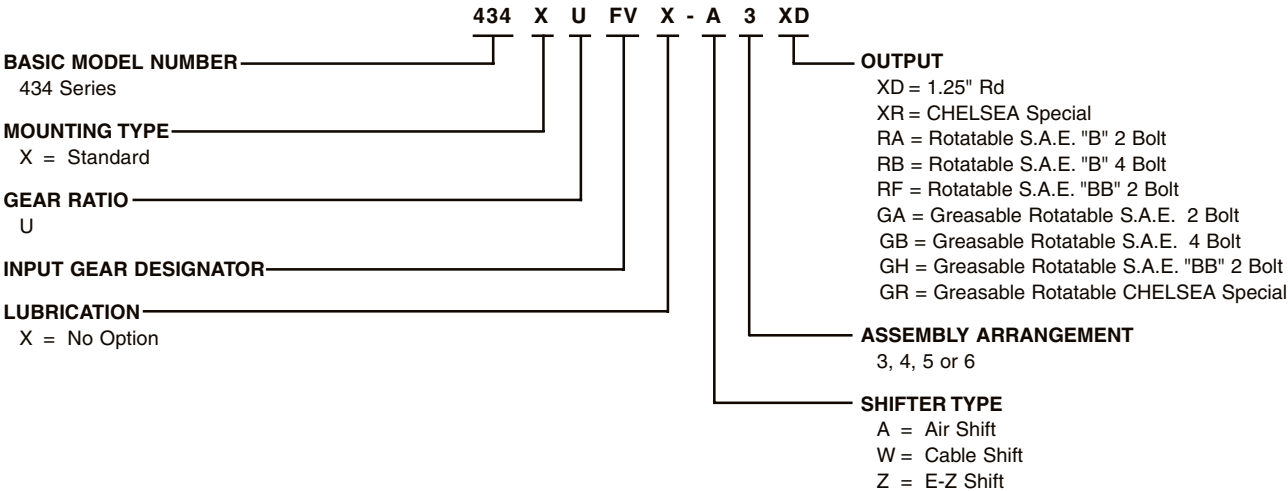
* Consists of all items shown in the illustration, plus Lockring (item 14) and Bearing Cap Gasket (item 8)

t Special shoulder stud.

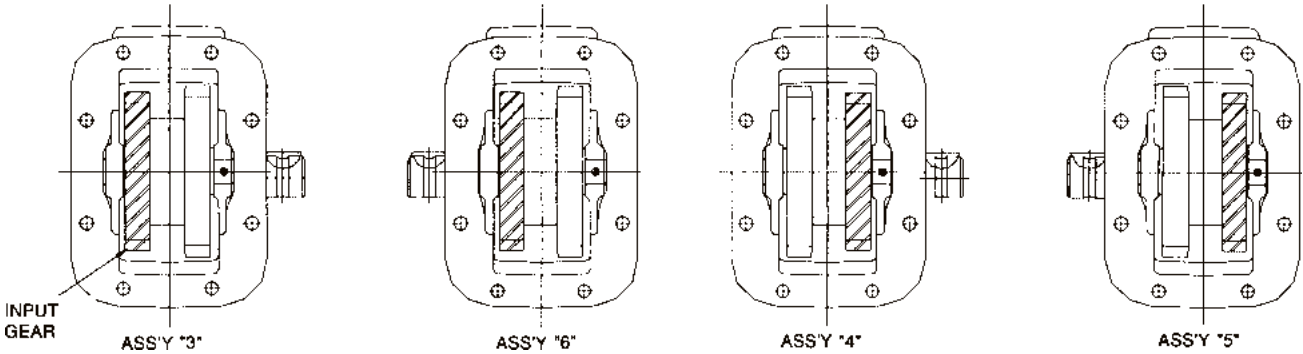
tt Seven required; four (4) to fasten the Flange Assembly 328195X to housing and three (3) to fasten the rotatable flange to the flange assembly.

Model Number Designation

Power Take-Off
434 Series



Assembly Arrangements



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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.

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

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7. Special Tooling: A tooling charge may be imposed for any special tooling, including without limitation, dies, fixtures, molds and patterns, acquired to manufacture items sold pursuant to this contract. Such special tooling shall be and remain Seller's property notwithstanding payment of any charges by Buyer. In no event will Buyer acquire any interest in apparatus belonging to Seller which is utilized in the manufacture of the items sold hereunder, even if such apparatus has been specially converted or adapted for such manufacture and notwithstanding any charges paid by Buyer. Unless otherwise agreed, Seller shall have the right to alter, discard or otherwise dispose of any special tooling or other property in its sole discretion at any time.

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