

Chelsea PTO 434 Parts Manual

Pro Gear Chelsea 434 Series 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

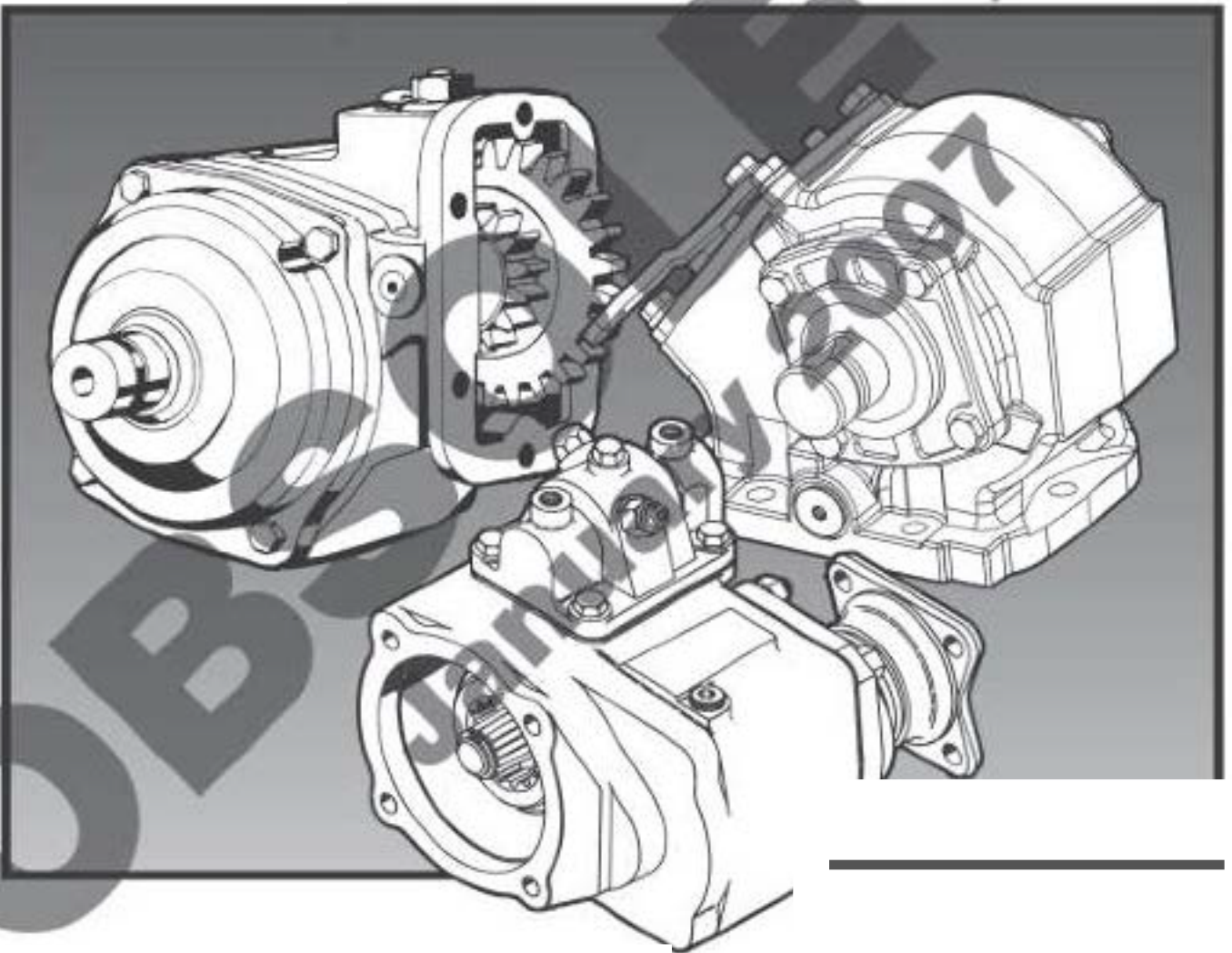
Replacement Parts

List 434 Series

Manual

Bulletin HY25-2434-MWS

Effective: January 15, 2007
Supersedes: HY25-2434-M1/US Dated Nov. 2001



Parker



WARNING

FAILURE OR IMPROPER SELECTION OR IMPROPER USE OF THE PRODUCTS AND/OR SYSTEMS DESCRIBED HEREIN OR RELATED ITEMS CAN CAUSE DEATH, PERSONAL INJURY AND PROPERTY DAMAGE.

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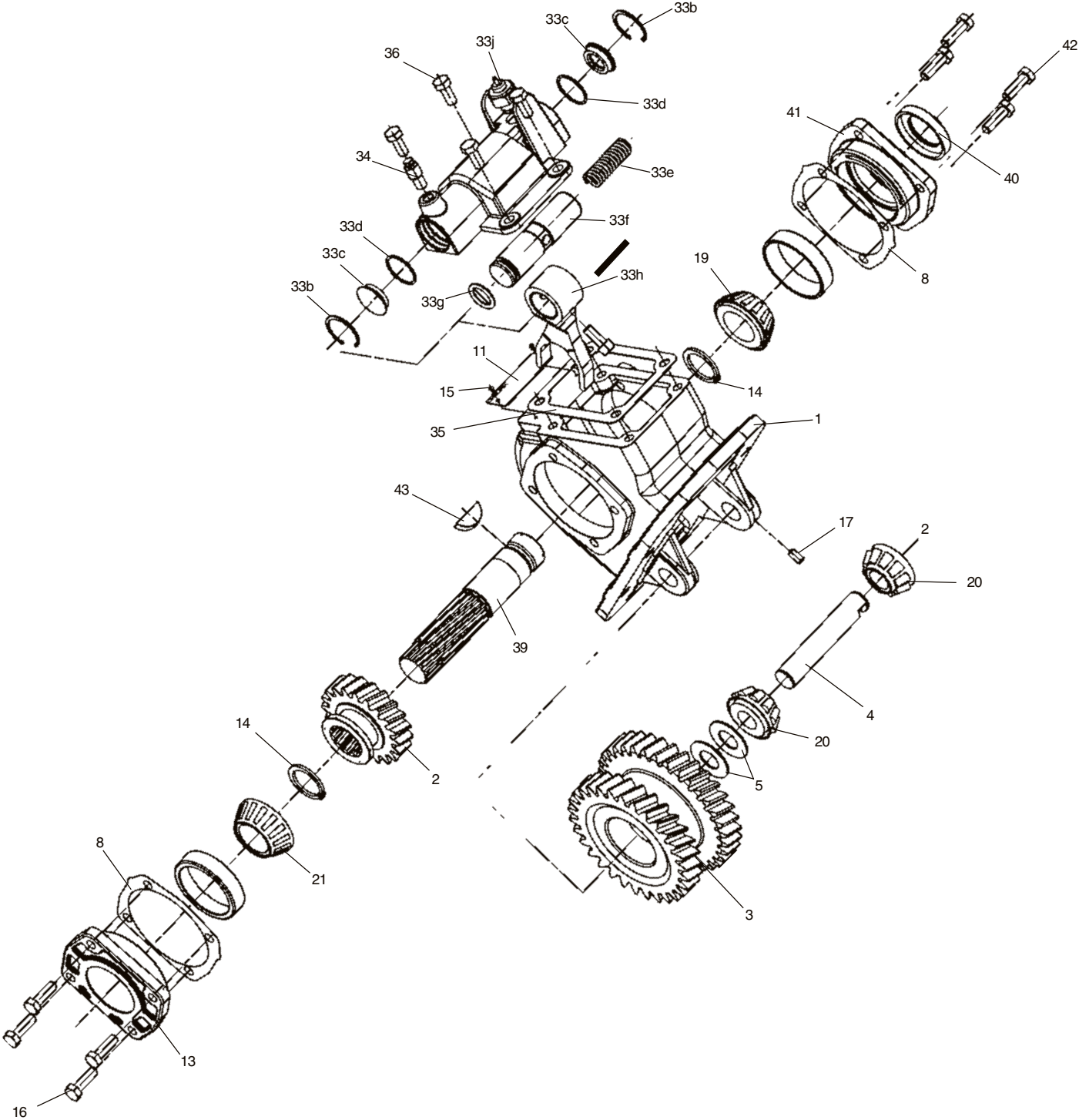
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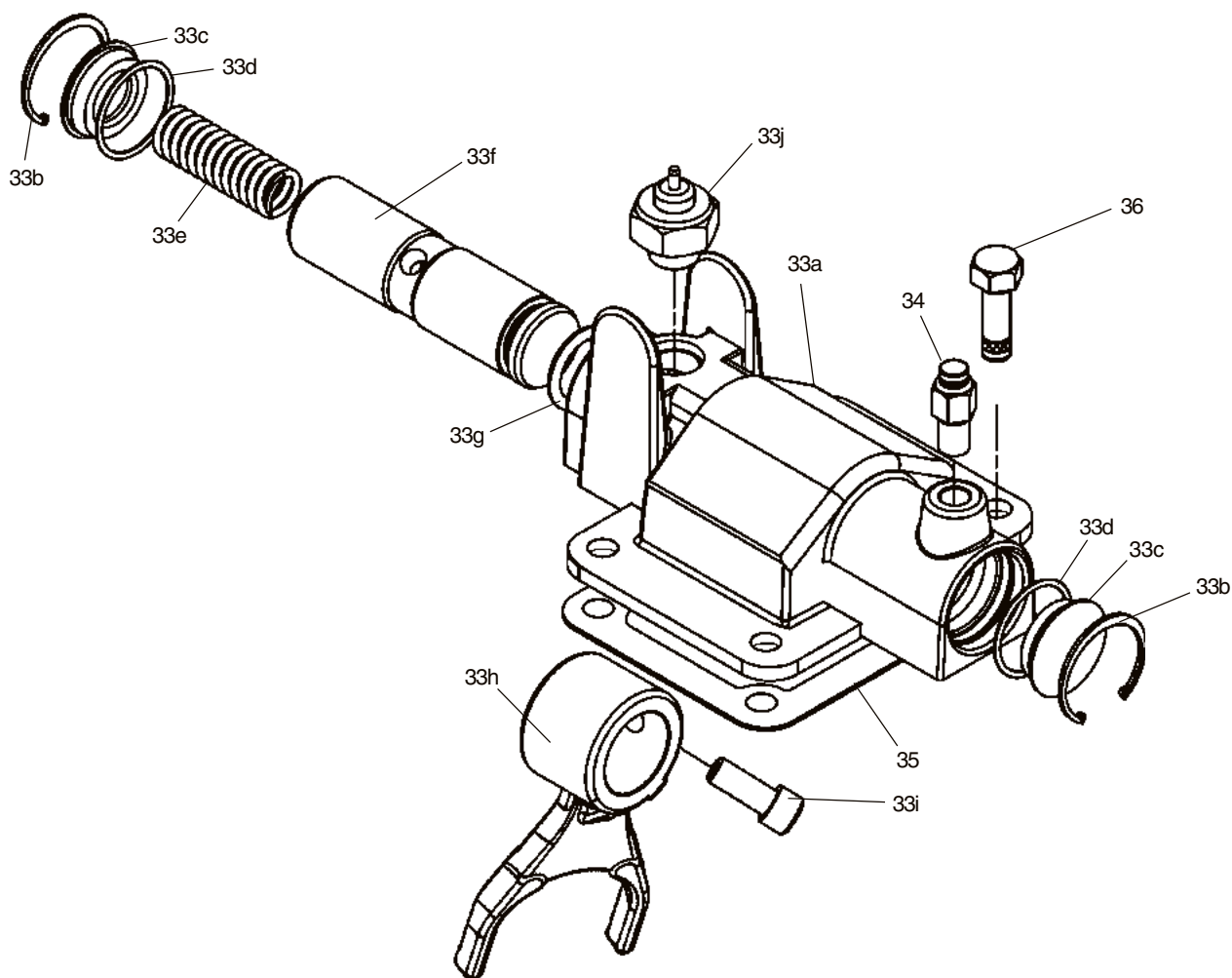
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Bill of Materials**Power Take-Off****434 Series**

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
		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

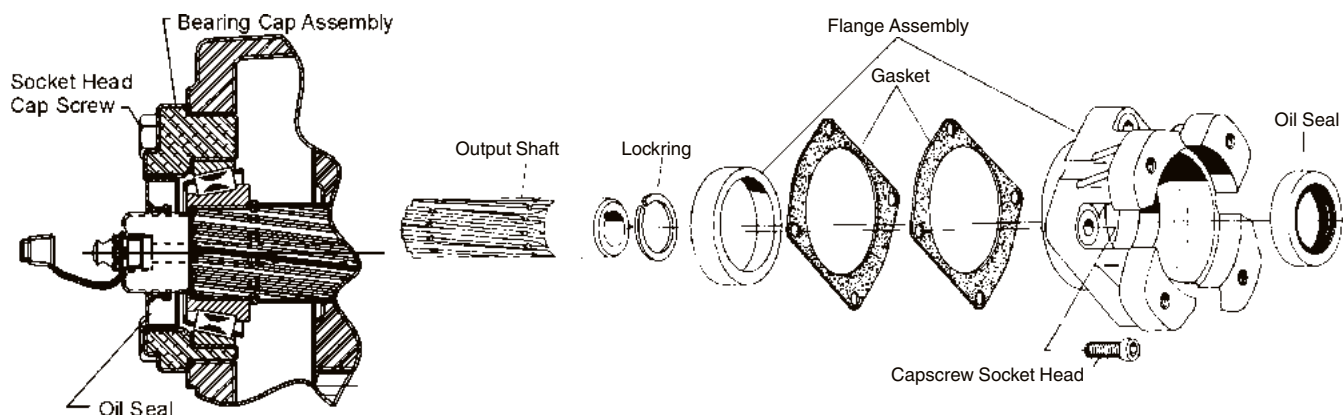
A.R.—As Required



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
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

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			

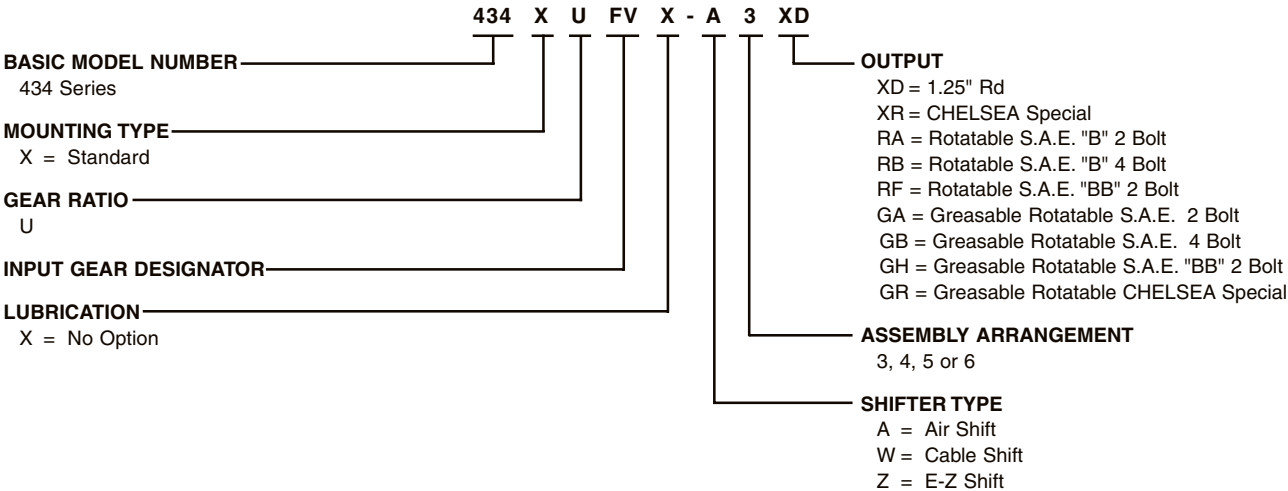
* Consists of all items shown in the illustration, plus Lockring (item 14) and Bearing Cap Gasket (item 8)

t Special shoulder stud.

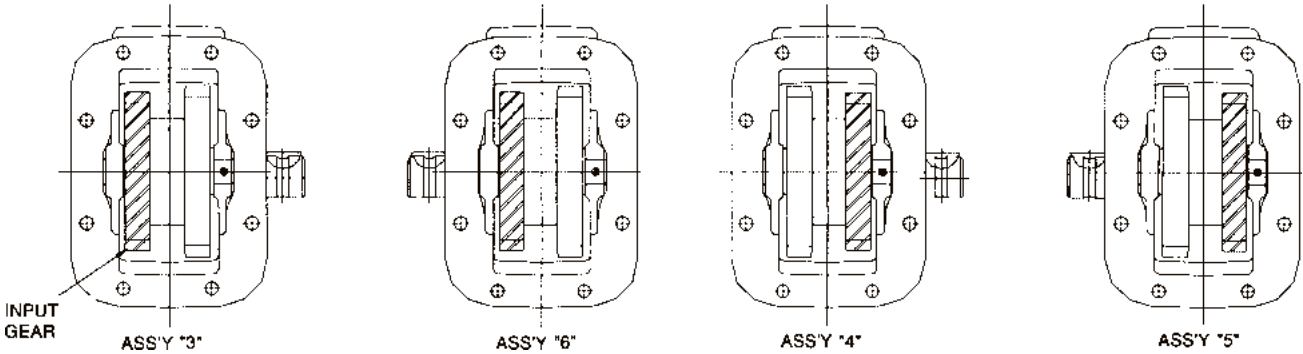
tt Seven required; four (4) to fasten the Flange Assembly 328195X to housing and three (3) to fasten the rotatable flange to the flange assembly.

Model Number Designation

Power Take-Off
434 Series



Assembly Arrangements



Offer of Sale

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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 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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6. Changes, Reschedules and Cancellations: Buyer may request to modify the designs or specifications for the items sold hereunder as well as the quantities and delivery dates thereof, or may request to cancel all or part of this order, however, no such requested modification or cancellation shall become part of the contract between Buyer and Seller unless accepted by Seller in a written amendment to this Agreement. Acceptance of any such requested modification or cancellation shall be at Seller's discretion, and shall be upon such terms and conditions as Seller may require.

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.

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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