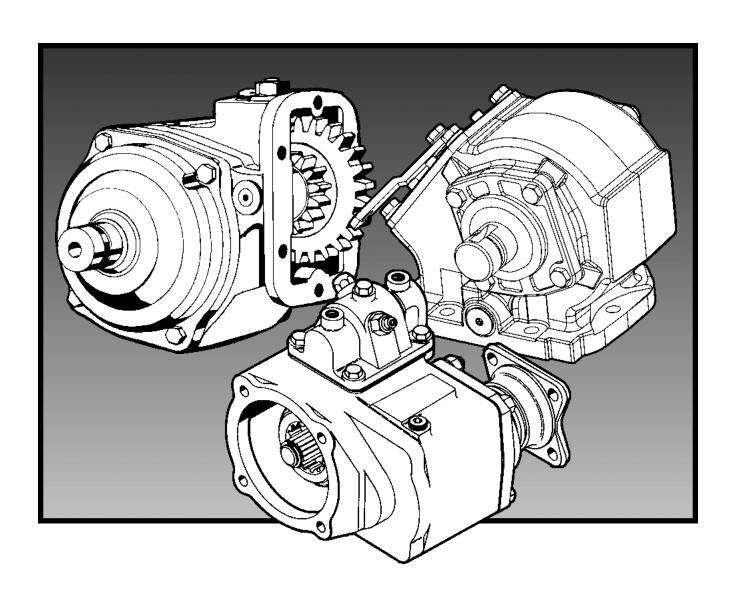


Parts List 901 Series

Effective:

January 15, 2002 P410-901 Dated June 1985 Supersedes:







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Bulletin HY25-2901-M1/US

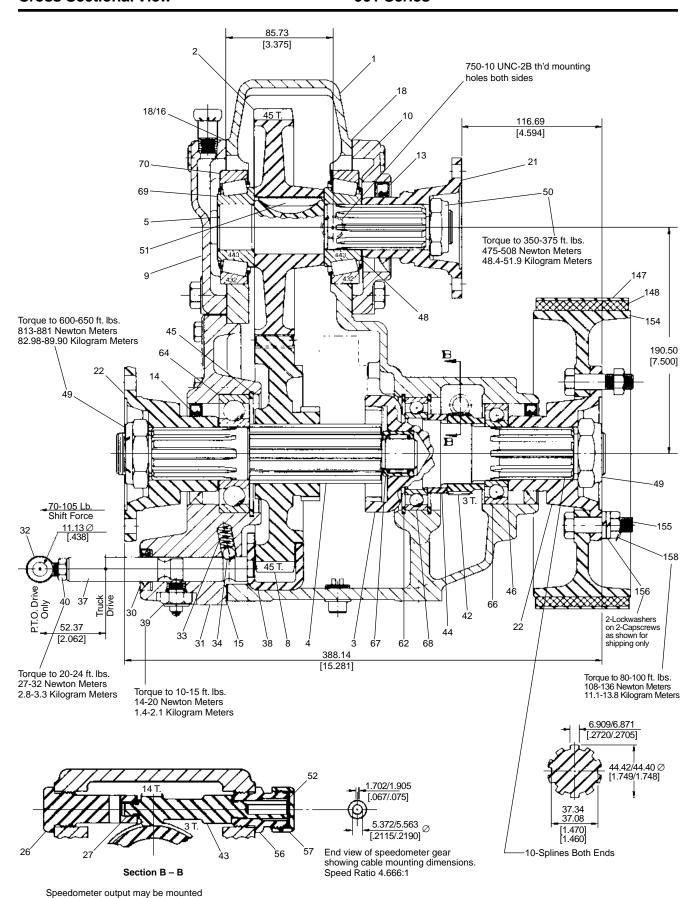
Power Take-Off **901 Series**

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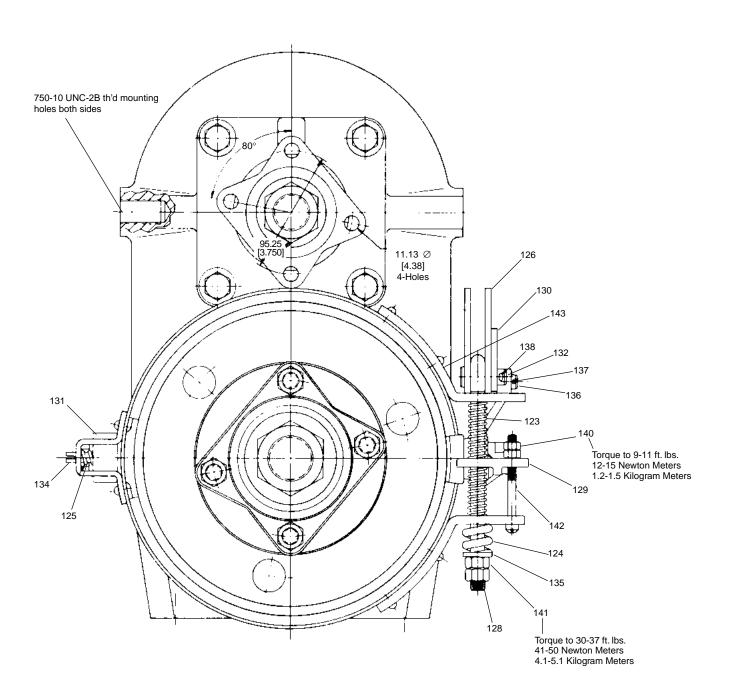
Cross Sectional View



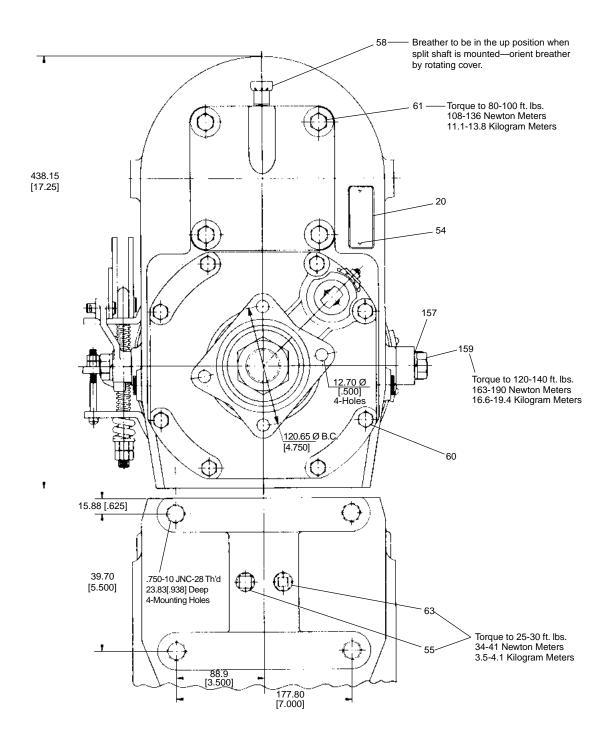


right or left, depending on direction of

rotation required.



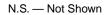


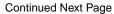


Bill of Materials

Power Take-Off **901 Series**

Item	Part Number	Description	Quantity
1	1-P-212	Housing	1
2	2-P-250	Gear, P.T.O. Drive	
3	3-P-426	Drive Shaft, Output	
4	3-P-428	Drive Shaft, Input	
5	3-P-427	Drive Shaft, P.T.O.	
	See Illust. Pg. 7 &		
8	5-P-626	Gear, Input Drive	
9	21-P-185	Bearing Cover, Closed	
10	21-P-65	Bearing Cover, Open	
	See Illust. Pg. 7 &	8 Flange, Pump	1
40	20 D 25	Oil Cool Chandard Chaft	4
13	28-P-35	Oil Seal - Standard Shaft	
14	28-P-69	Oil Seal	
15	35-P-17	Gasket	
16	55-P-6-1	Shim, Plastic (.003")	
40	55-P-6-2	Shim, Plastic (.010")	
18	55-P-19	Shim-Gasket	
20	68-P-2	Name Plate	
21	3-1-3431	Flange, Companion	
22	4-1-3891	Flange, Brake (2-Lever Shift) (1-Air Shift)	
	378808	Flange, Companion (Air Shift Only)	1
	328050X	Speed-O Gear & Bushing Assembly	1
26	45-P-7	Bushing, Speed-O Gear	
27	378165	Bushing, Speed-O Geal Bushing, Speed-O	
21	370103	Busining, Opecu-O	1
	328919X	Shifter Cover Assembly, Lever Control	1
30	28-P-57	Oil Seal	
31	34-P-100	Cover, Shifter	1
32	36-P-1	Eye Bolt	1
33	37-P-23	Spring, Shifter	
34	378002	Poppet Ball (.438" Dia.)	
	328916X	Shifter Shaft Assembly	
37	11-P-141	Shaft	1
38	32-P-156	Fork	
39	379110	Indicator Switch (Normally "ON")	
40	50381-3	Jam Nut, Hex (.375"-24)	1
42	378076	Speed-O Gear-Drive	1
43	378077	Speed-O Gear-Driven	
44	378151	Spacer, Speed-O	
45	378156	Retaining Ring	
46	378160	Gasket (.015")	
10	0.0.00		4
48	378161	Gasket (.015")	1
49	378162	Nut, Hex (1.375"-12)	
50	378163	Nut, Hex (1.125"-12)	
51	378176	Hi-Pro Feather Key	1
52	378309	Gasket, Dust Cap	
54	378422	Drive Screw	
55	378507	Drain Plug, Magnetic (.500"-14)	
56	378511	Sleeve Nut	
57	378512	Dust Cap	
58	378513	Pressure Relief Fitting	1
60	378431-14	Capscrew, Hex Head (.375"-18 x 1.50")	8
61	378433-14	Capscrew, Hex Head (.500"-13 x 1.50")	
62	378553	Retaining Ring	
63	379064	Pipe Plug, Patched (.500"-14 NPTF)	
64	550026	Ball Bearing (309)	
٠.	300020		







Bill of Materials

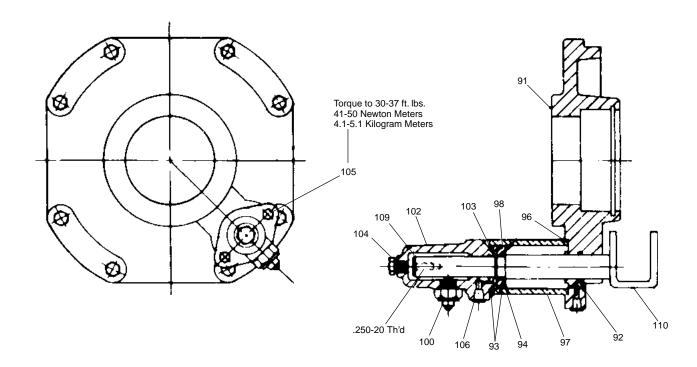
Power Take-Off **901 Series**

Item	Part Number	Description	Quantity
66	550311	Pooring Poll (200)	1
		Bearing, Ball (209)	
67	550508	Bearing, Needle (162416)	
68	550509	Bearing, Ball (112)	
69	560945	Bearing Cone (33880)	
70	560946	Bearing Cup (33821)	2
	328866X	Brake Parts	1
123	37P-28	Spring	2
124	38-P-29	Spring, Cushion	1
125	37-P-30	Spring, Support	
126	378514	Band Cam	
128	378515	Band Adj. Rod	1
129	378519	Support Bracket	
130	378520	Support Quadrant	
131	378521		
_		Anchor Bar	
132	378523	Band Cam Adj. Rod Pin	1
134	378524	Support Screw	
135	378529	Flat Washer	
136	500014-13	Clevis Pin (.375" Dia. x .812")	
137	500023-2	Cotter Pin (.094" Dia. x .625")	
138	500023-5	Cotter Pin (.094" Dia. x 1.00")	1
140	500370-1	Nut, Hex (.250"-20)	2
141	500370-4	Nut, Hex (.438"-14)	2
142	500486-19	Screw, Adjusting (.250"-20 x 2.750")	1
143	328361X	Band & Lining Ass'y	1
	378525	Band Support	1
	378526	Band End	Obsolete
147	378527	Band	Obsolete
148	378528	Band Lining	Obsolete
	500193-7	Rivet, Flat Head	Obsolete
	500193-9	Rivet, Flat Head	Obsolete
	500193-8	Rivet, Flat Head	Obsolete
	328867X	BRAKE PARTS	
154	378522	Brake Drum	Obsolete
155	378550	Capscrew, Hex Head (.500"-20 x 1.875")	
156	500357-13	Lockwasher (.500" I.D.)	
157	500357-14	Lockwasher (.562" I.D.)	
158	500381-5	Nut, Hex (.500"-20)	
159	500401-15	Capscrew, Hex Head (.562"-12 x 1.625")	
	328751X	Indicator Light Installation Kit	1 or
	328388-30X	Air-o-matic Installation Kit	
	328948-10X	Gasket And Installation Instructions	1
	020040-10X		
	328267	SERVICE KITS Gasket & Seal Kit	
	328390-80X	Air Shift Filed Conversion Kit	
	32039U-0UA	All Shirt lied Conversion All	
		1	

 $\mathsf{N.S.} - \mathsf{Not}\;\mathsf{Shown}$

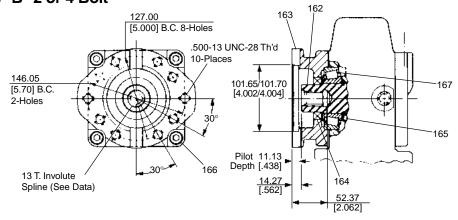
 ${\rm A.R.} - {\rm As} \; {\rm Required}$





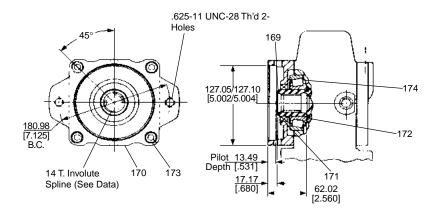
Item	Part Number	Description	Quantit
	328918X	SHIFTER COVER ASSEMBLY, Air Shift	1
91	21-P-186	Bearing Cover	
92	28-P-59	O-Ring	
93	28-P-61	O-Ring	
94	28-P-71	O-Ring	
96	35-P-16	Gasket	1
97	65-P-5	Cylinder Body	
98	66-P-6	Piston	1
100	378969	Indicator Switch (Normally "OFF")	1
102	379234	Cylinder Cover	1
103	378471	Retaining Ring	
104	379045	Breather	
105	378431-30	Capscrew, Hex Head (.375"-16.4.00")	2
106	500897-3	Plug, Shipping	
	328917X	Shifter Shaft Assembly	1
109	11-P-142	Shaft	
110	32-P-156	Fork	

Pump Assembly "K" S.A.E. Class "B" 2 or 4 Bolt



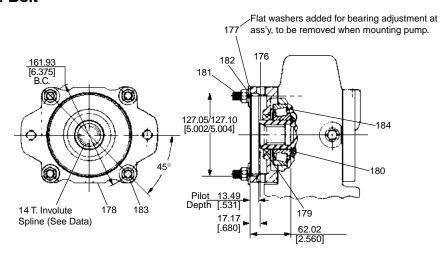
Item	Part Number	Description	Quantity
162 163 164 165 166	3-P-327 21-P-163 28-P-37 378215 378450-8 560944	PUMP ASSEMBLY "K" Shaft, Pump	1 1 1

Pump Assembly "U" S.A.E. Class "C" 2 Bolt



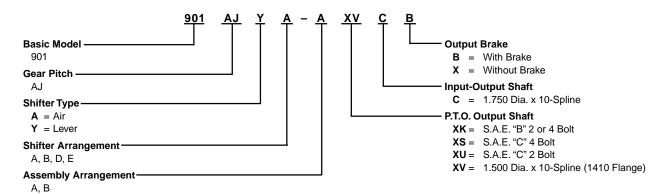
Item	Part Number	Description	Quantity
		PUMP ASSEMBLY "U"	
169	3-P-300	Shaft, Pump	
170	21-P-382	Flange, Pump	
171	28-P-37	Oil Seal	
172	378215	Retaining Ring	
173	378450-8	Screw, Hex Socket Head (.500"-13 x 1.50")	4
174	560944	Bearing Cone	

Pump Assembly "S" S.A.E. Class "C" 4 Bolt

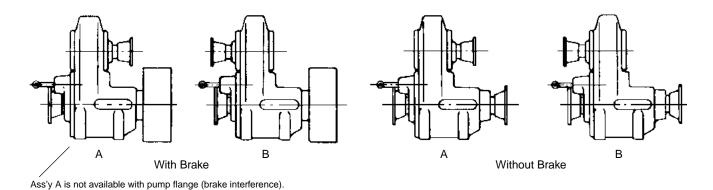


Item	Part Number	Description	Quantit
		PUMP ASSEMBLY "S"	
176	3-P-300	Shaft, Pump	1
177	500365-37	Flat Washer	
178	21-P-382	Flange, Pump	1
179	28-P-37	Oil Seal	1
180	378215	Retaining Ring	1
181	379056-47	Stud (.500"-13 & .500"-20 x 3.75")	
182	500356-13	Lock Washer (.500" Dia.)	
183	500381-5	Nut, Hex (.500"-20)	
184	560944	Bearing Cone	

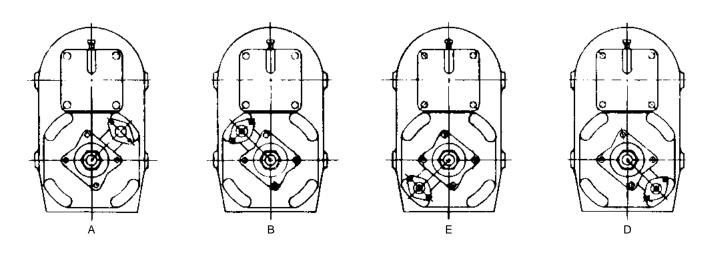
Model Number Designation



Assembly Arrangements



Shifter Arrangements



Notes	



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 one (1) year from date of installation.
- (B) Except 267, 277, 278, 242, 244, 250, 251 and 859 series two (2) years from date of installation. THIS WARRANTY COMPRISES THE SOLE AND ENTIRE WARRANTY PERTAINING TO ITEMS PROVIDED HERE UNDER. SELLER MAKES NO OTHER WARRANTY, GUARANTEE, OR REPRESENTATION OF ANY KIND WHATSOEVER. ALL OTHER WARRANTIES, INCLUDING BUT NOT LIMITED TO, MERCHANT-ABILITY 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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- **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.
- If a claim is based on information provided by Buyer or if the design for an item delivered hereunder is specified in whole or in part by Buyer, Buyer shall defend and indemnify Seller for all costs, expenses or judgments resulting from any claim that such item infringes any patent, trademark, copyright, trade dress, trade secret or any similar right.
- 11. Force Majeure: Seller does not assume the risk of and shall not be liable for delay or failure to perform any of Seller's obligations by reason of circumstances beyond the reasonable control of Seller (hereinafter 'Events of Force Majeure'). Events of Force Majeure shall include without limitation, accidents, acts of God, strikes or labor disputes, acts, laws, rules or regulations of any government or government agency, fires, floods, delays or failures in delivery of carriers or suppliers, shortages of materials and any other cause beyond Seller's control.
- 12. Entire Agreement/Governing Law: The terms and conditions set forth herein, together with any amendments, modifications and any different terms or conditions expressly accepted by Seller in writing, shall constitute the entire Agreement concerning the items sold, and there are no oral or other representations or agreements which pertain there/to. This Agreement shall be governed in all respects by the law of the State of Ohio. No actions arising out of the sale of the items sold hereunder or this Agreement may be brought by either party more than two (2) years after the cause of action accrues.

9/01-P





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