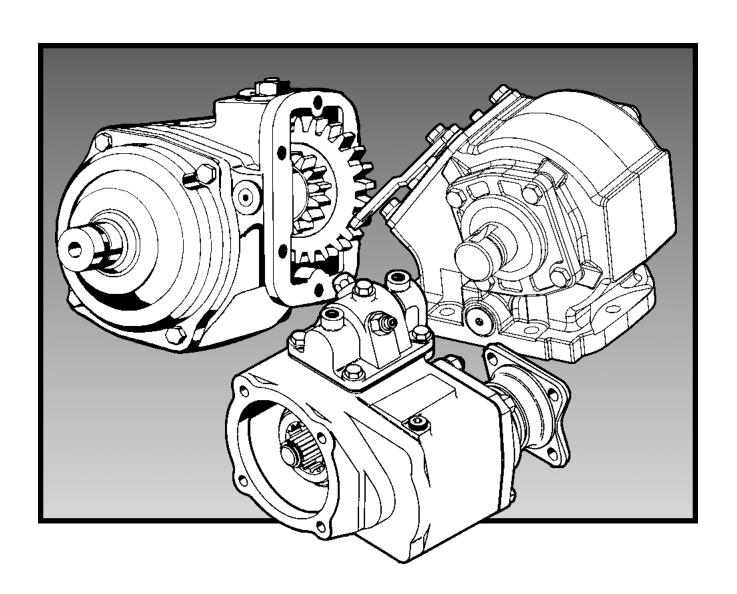


Parts List 912 Series

Effective: December 15, 2001

Supersedes: P410-912 Dated March 2000







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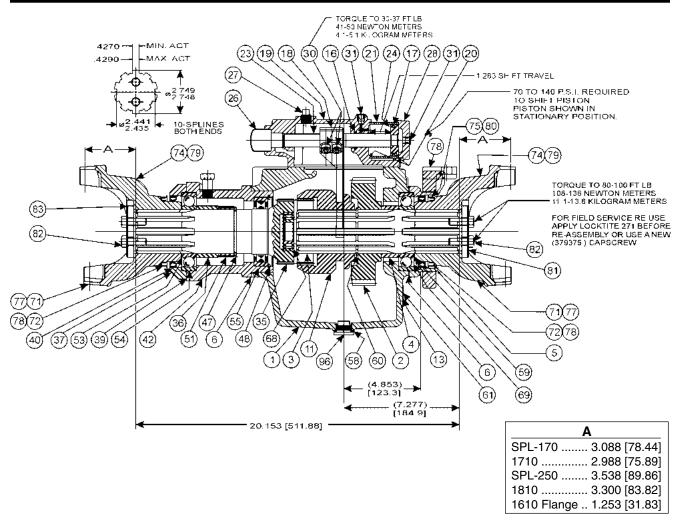
Bulletin HY25-2912-M1/US

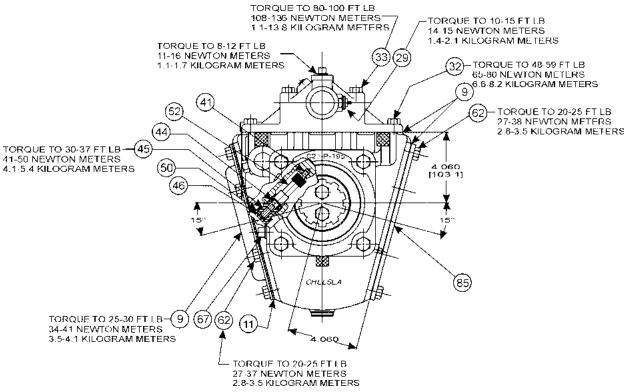
Power Take-Off **912 Series**

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Bill of Materials

Power Take-Off **912 Series**

Item	Part Number	Description	Quantity
1	1-P-484	Housing (912 Series)	1
2	2-P-710	P.T.O. Drive Gear	
3	3-P-848	Drive Shaft, Input	
4	4-P-87	· •	
		Spacer, Bearing	
5	21-P-513	Bearing Retainer, Input	
6	22-P-45	Gasket	
7	28-P-237	Oil Seal	1
9	34-P-53	Cover Plate	
10	35-P-15-2	Gasket, Cover (.020" Thick)	2
11	35-P-32	Gasket, Cover Plate (.094" Thick)	1
12	57-P-11	Sliding Clutch	1
13	68-P-2	Name Plate	1
	329063X	AIR SHIFT COVER ASSEMBLY, 912 Series	1
16	28-P-114	O-Ring	
17	28-P-115	O-Ring	
18	32-P-164	Shifter Fork	
19	34-P-109	Shifter Cover	
20	35-P-30		
20 21	35-P-30 65-P-13	Gasket	
21		Cyl. Air Shift	
00	329064X	Shifter Shaft Sub Assembly	
23	11-P-148	Shifter Shaft	
24	66-P-8	Piston	
25	378431-26	Cap Screw, Hex Head	
26	378473	Plug, Housing	
27	378513	Breather	1
28	378838	Cylinder Cap	1
29	379652	Indicator Switch	1
30	379374	Capscrew, Socket Head	2
31	500897-3	Shipping Plug	
32	378432-11	Cap Screw, Hex Head (.438"-14 x 1.125") w/Patch	
33	378432-26	Cap Screw, Hex Head (.438"-14 x 3.00") w/Patch	
	329065X	Tail Shaft Sub ASSEMBLY (Items 35-55) (Ref. 3.750" Dia. Hub)	
	329098X	Tail Shaft Sub ASSEMBLY, No Speedo (Items 35-55, Less Items 44 & 45)	
35	3-P-821	Output Shaft	
36	4-P-145	Spacer, Output Shaft	
37	21-P-512	Bearing Cap Output	
N.S.	378513	j	
_		Breather	
39	22-P-85	Gasket, Output Cap	
40	28-P-237	Oil Seal	
41	45-P-7	Bushing	
42	54-P-20	Bearing Retainer	
	328984X	Bushing Assembly, Speedo	
44	28-P-181	Seal	1
45	379337	Bushing	
46	378309	Gasket Dust Cap	1
47	378357	Lockring	1
48	378359	Lockring	1
49	378433-12	Capscrew, Hex Head	4
50	378512	Dust Cap	1
51	379322	Gear, Speedo-Drive	
52	379333	Gear, Speedo-Driven	
53	379479	Gasket, Shaft	
54	550574	Ball Bearing	
55	550811	Roller Bearing	
55	330011	Tionor boaring	1
57	378116	Drain Plug	1
58	378117		
	379479	Gasket, Copper	
59	313413	Gasket, Shaft	1

N.S. — Not Shown

A.R. — As Required



Bill of Materials

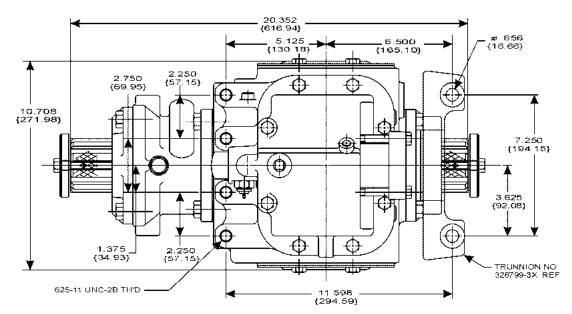
Power Take-Off **912 Series**

Item	Part Number	Description Quantity
60	378357	Retaining Ring 1
61	378422	Drive Screw 2
62	378432-9	Capscrew, Hex Head (.438"-14 X .875") w/Patch
64	378433-12	Capscrew, Hex Head (.500"-13 X 1.25") w/Patch
65	379334	Oil Level Caution Tag w/Wire Tie 1
67	500114-3	Pipe Plug (.500"-14 N.P.T.F)
68	550443	Roller Bearing 1
69	550574	Ball Bearing 1
		END YOKE OPTIONS
	C 4 COO4 4V	
74	6-4-6931-1X	End Yoke & Slinger Ass'y, 1710 Series (1/2 Round)
71	6-4-6821-1	Yoke, 1710 Series
72	231616	Slinger (Ref. Spicer No.)
- 4	6.5-4-3561-1X	End Yoke & Slinger Ass'y, 1810 Series (1/2 Round)
74 	6.5-4-3491-1	Yoke, 1810 Series
75	231616	Slinger (Ref. Spicer No.)
	170-4-521-1X	End Yoke & Slinger Ass'y, SPL170 Series (1/2 Round)
77	170-4-511-1	Yoke, SPL170 Series 1
78	231616	Slinger (Ref. Spicer No.) 1
	250-4-241-1X	End Yoke & Slinger Ass'y, SPL250 Series (1/2 Round)
79	250-4-231-1	Yoke, SPL250 Series 1
80	231616	Slinger (Ref. Spicer No.)
	5-1-6611X	Companion Flange Ass'y 2
N.S.	2-5-6601	1610 Companion Flange 1
N.S.	231616	Slinger (Ref. Spicer No.)
81	328799-3X	Trunnion Block 1
82	379375	Capscrew, Hex Head (.500"-20 X 1.250") w/Drylock 200
83	379350	Washer Lock Plate
84	379372	Protective Shipping Net (Red) ("J" Assembly Only)
85	378280	Shipping Cover
		10007 01070
		LOOSE PARTS
	328388-39X	Installation Kit, Air Shift
		SERVICE PARTS
	328948-10X	Gasket & Installation Instructions 1
	328356-62X	Seal Kit, Air shift
	328356-63X	Seal Kit, w/Speedometer
	328356-64X	Seal Kit, w/o Speedometer
	328356-65X	Seal Kit, Lever Shift

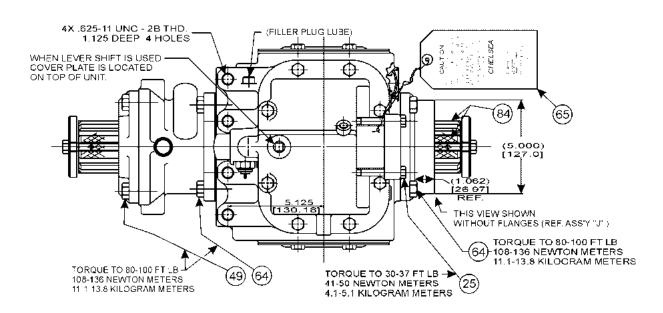
N.S. — Not Shown

A.R. — As Required

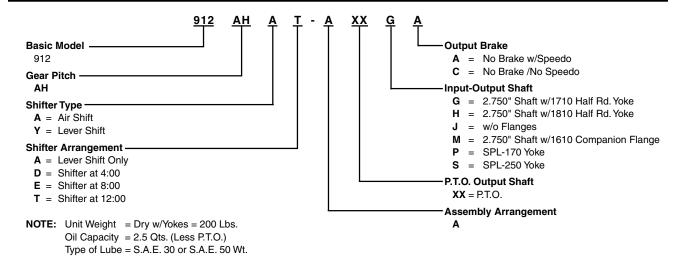




DIMENSIONS SHOWN ARE REFERENCE FOR MOUNTING



Model Number Designation



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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, 245, 250, 251 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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- 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.

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