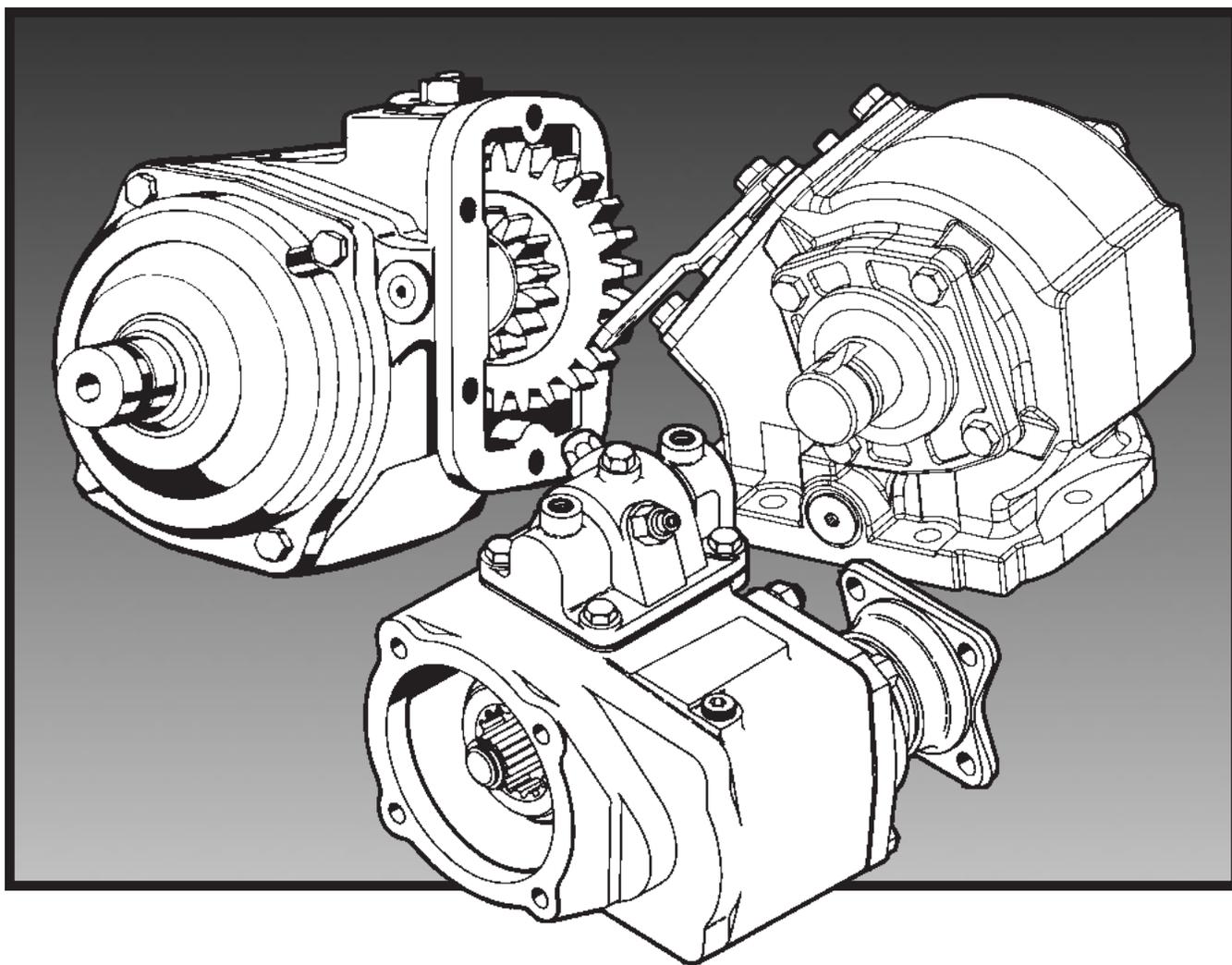


Parts List 247 Series

Effective: June 15, 2008



 **WARNING**

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Offer of Sale

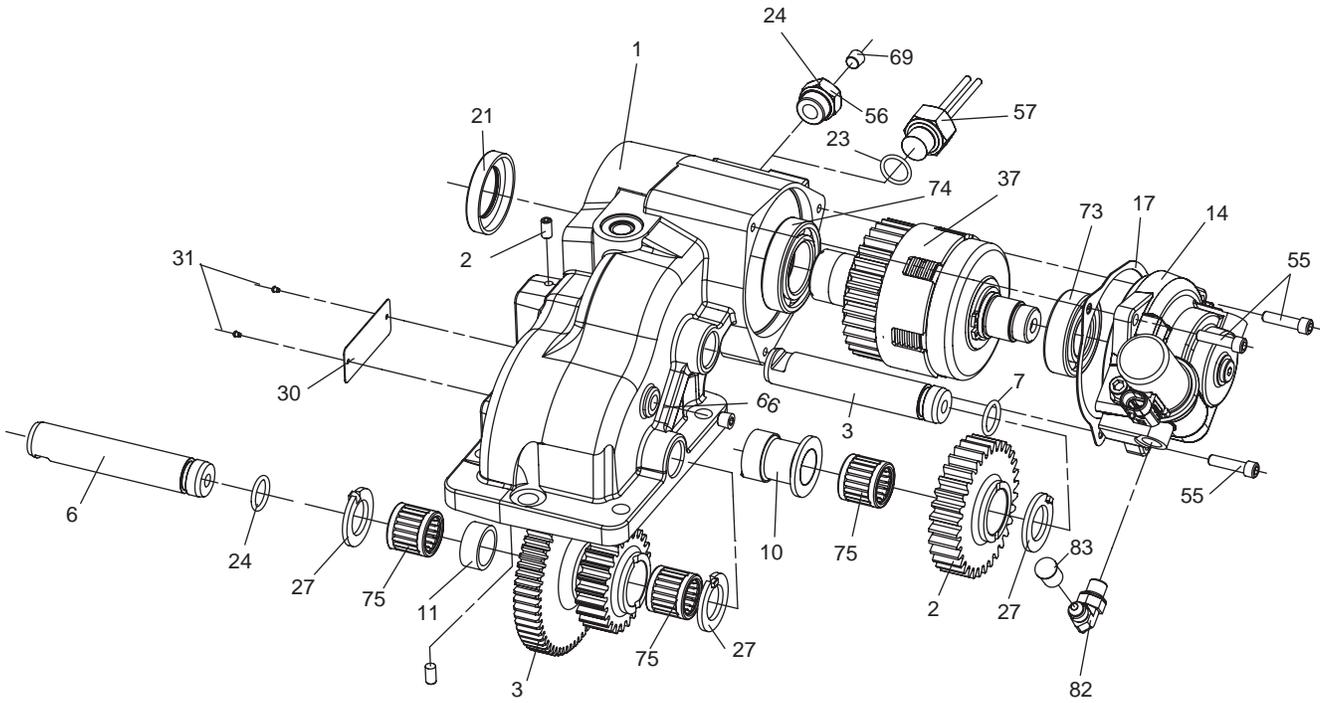
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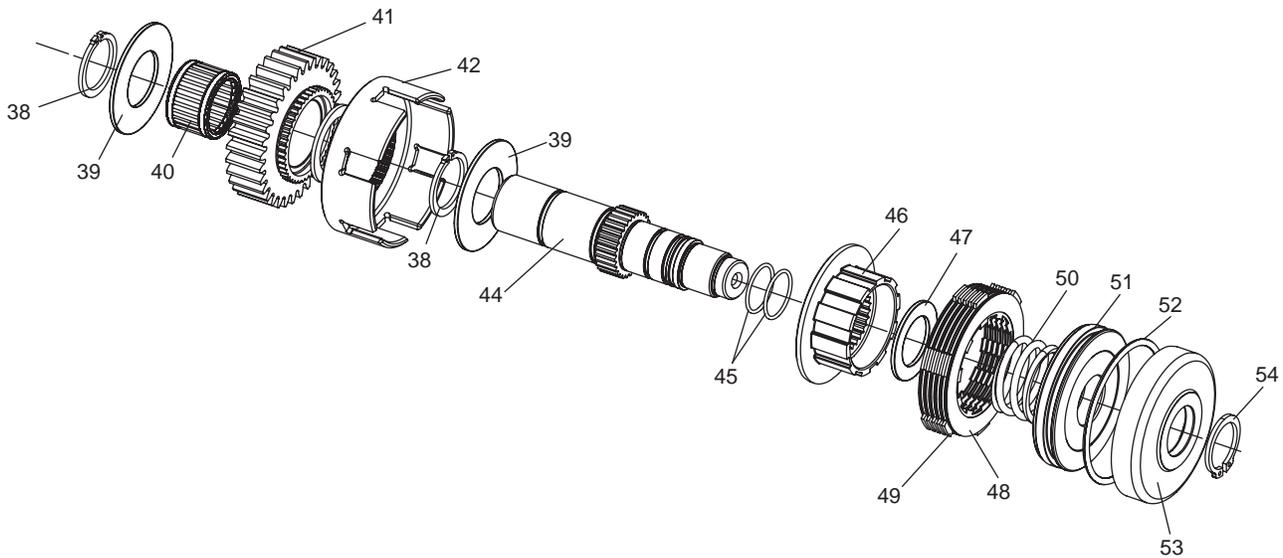
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Exploded Assembly



Exploded Clutch Pack Sub-Assembly



XP Output Shown

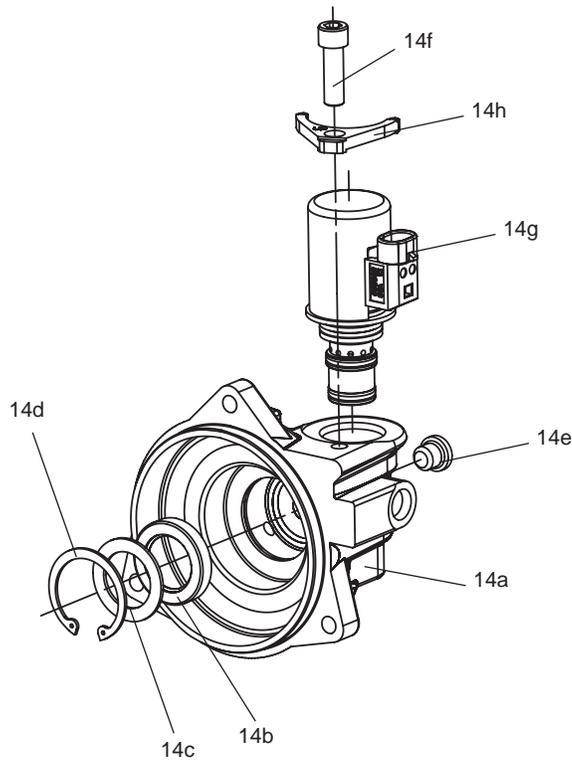
Bill of Materials

Item	Part Number	Description	Quantity
1	1-P-625	Housing.....	1
2	378452-7	Set Screw - SH - .250-20.....	2
3	33-P-75	Gear-Idler.....	1
4	5-P-1387	Gear-Input.....	1
6	9-P-98	Shaft-Idler.....	2
10	4-P-179	Spacer-Idler Shaft.....	1
11	14-P-78	Spacer-Input Shaft.....	1
13	500897-7	Cap-Shipping.....	1
14	329602X	Assembly-Valve Cap (see page 4).....	1
17	22-P-103	Gasket-Bearing Cap.....	1
21	28-P-286	Oil Seal (Output Side).....	1
22	500007-29	Key-Woodruff (XD OutPut Only).....	1
23	28-P-171	O-Ring- .644" x .087" (With E.O.C. Only).....	1
24	28-P-71	O-Ring- .674" x .103".....	2
27	31-P-117	Washer-Thrust- .879" x 1.44" x .123".....	3
30	68-P-2	Plate-Name.....	1
31	378422	Screw-Drive.....	2
37	329364-1X	Assembly-Drive Shaft & Clutch (3-P-952) ("XD" Output).....	1 or
	329364-2X	Assembly-Drive Shaft & Clutch (3-P-953) ("XP" Output).....	1 or
	329364-3X	Assembly-Drive Shaft & Clutch (3-P-954) ("AD" Output).....	1 or
	329364-4X	Assembly-Drive Shaft & Clutch (3-P-955) ("XE" Output).....	1
38	378890	Retaining Ring.....	2
39	31-P-110	Thrust Washer.....	2
40	561013	Needle Bearing, Output Gear.....	1
41	2-P-820	Output Gear.....	1
42	31-P-111	Thrust Washer.....	1
43	379914	Output Gear Bell.....	1
44	3-P-952	Output Shaft ("XD"), (1-1/4" Round).....	1 or
	3-P-953	Output Shaft ("XP"), (7/8"-13 Tooth Spline).....	1 or
	3-P-954	Output Shaft ("AD"), (3/4"-11 Tooth Spline).....	1 or
	3-P-955	Output Shaft ("XE"), (5/8"-9 Tooth Spline).....	1
45	28-P-266	O-Ring (-022).....	2
46	2-P-819	Clutch Gear.....	1
47	31-P-108	Thrust Washer.....	1
48	379691	Friction Disk.....	6
49	379692	Seperator Plate.....	5
50	37-P-56	Clutch Spring.....	1
51	379913	Clutch Piston.....	1
52	28-P-265	Lip Seal, Clutch.....	1
53	379705	Clutch Cylinder.....	1
54	379694	Retaining Ring.....	1
55	379431-6	Capscrew-SH- .250"-20 X 1.00".....	3
56	379242	Adapter-Straight-.125"-27 x .750"-16 (Without E.O.C.) (with qty 1 of item #69).....	1
57	379243	Sensor-Speed (With E.O.C. Only).....	1

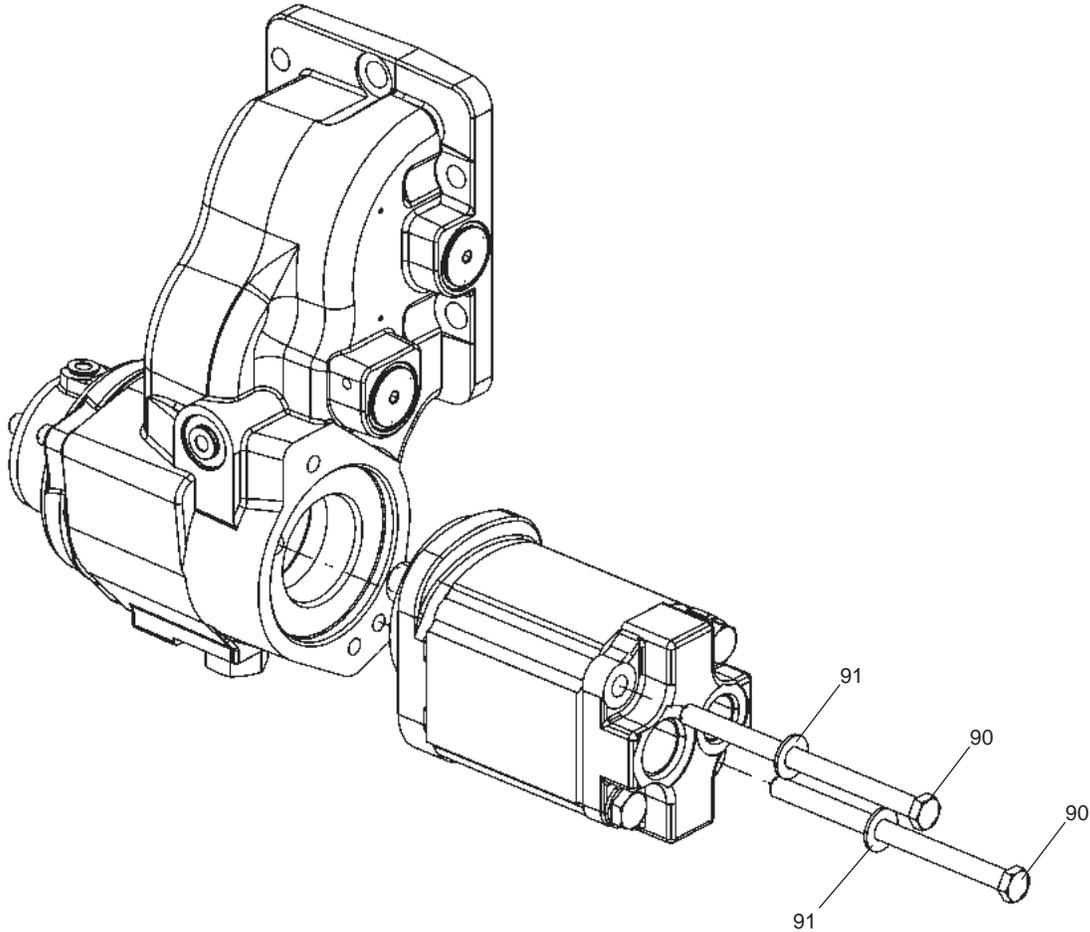
Bill of Materials

Item	Part Number	Description	Quantity
69	379231	Plug-Pipe-.125"-27 (Qty. of only 1 with E.O.C. option)	2
73	561005	Bearing-Ball-.9992" x 2.0472" x .5900"	1
74	561015	Bearing-Ball-1.2598" x 2.2835" x .5118"	1
75	561014	Bearing-Needle Roller Assembly-.875" x 1.125" x 1.000"	3
82	379486	Elbow-90°-.438"-20	
83	379564-2	Cap-Shipping	
		Loose Parts	
	379688	Lubricant-Spline	1
	8000-19X	Stud Kit	
	28-P-200	O-Ring	1
	379697	Dowel, Split Hollow	2
	379706	Hex Capscrew, (M10-1.5" x 1.18")	3
	379578-56	Hex Capscrew, (M10-1.5" x 150mm)	1
	379428-22	Stud, (M10 x 1.50" x .375"-24 x 2.250")	2
	379744	Flang Nut, (.375"-24)	2
		Service Kits	
	329376-1X	Kit-Gasket & Seal	
	329376-2X	Kit-Bearing	
	329376-3X	Kit-Clutch Repair	
	329376-4X	Kit-Complete Rebuild (Includes 329376-1X, -2X, -3X)	
	8611-023-Q1N	Kit-Soft Goods-PGP-511	

Exploded Valve Cap Sub Assembly



Item	Part Number	Description	Quantity
14	329602X	Assembly-Valve Cap	1
14a	21-P-711	Valve Cap	1
14b	28-P-119	Oil Seal (High Press)	1
14c	378811	Washer	1
14d	378849	Retaining Ring	1
14e	380012	Plug - O-Ring (.438" - 20)	1
14f	378447-6	Socket Head Capscrew	1
14g	380011-12	Hydraulic Valve 12V	1
14h	379484	Hold Down Clamp (included with Hyd. Valve)	1

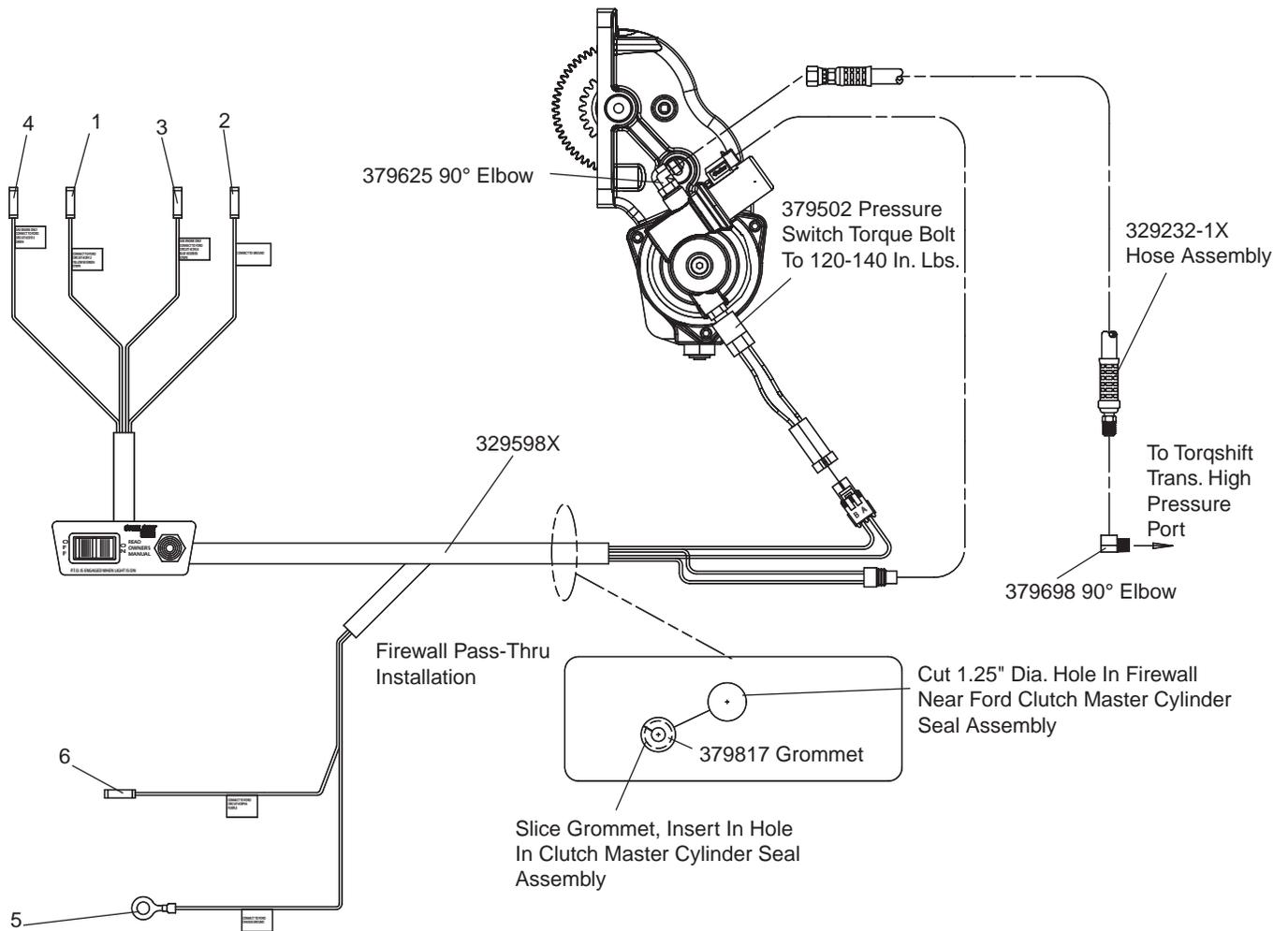


Item	Part Number	Description	Quantity
90	378431-30 378431-31 378431-32 378431-33 378431-34 378431-34 378431-35 378431-36	Pump Mounting Bolts Capscrew-HH - .375"-16 x 4.00" ("016" Series pump) Capscrew-HH - .375"-16 x 4.25" ("026" Series pump) Capscrew-HH - .375"-16 x 4.50" ("032" & "037" Series pump) Capscrew-HH - .375"-16 x 4.75" ("042" Series pump) Capscrew-HH - .375"-16 x 5.00" ("055" Series pump) Capscrew-HH - .375"-16 x 5.00" ("061" Series pump) Capscrew-HH - .375"-16 x 5.25" ("071" Series pump) Capscrew-HH - .375"-16 x 5.50" ("082" Series pump)	2
91	500365-26	Washer- Flat- .375 (Qty. 4 w/ "042" & "055" Series pump)	2 or 4

Included in CGP-P11 Pump Mounting Kits

Wiring Installation Sketch without E.O.C. (SK-448 Rev A)

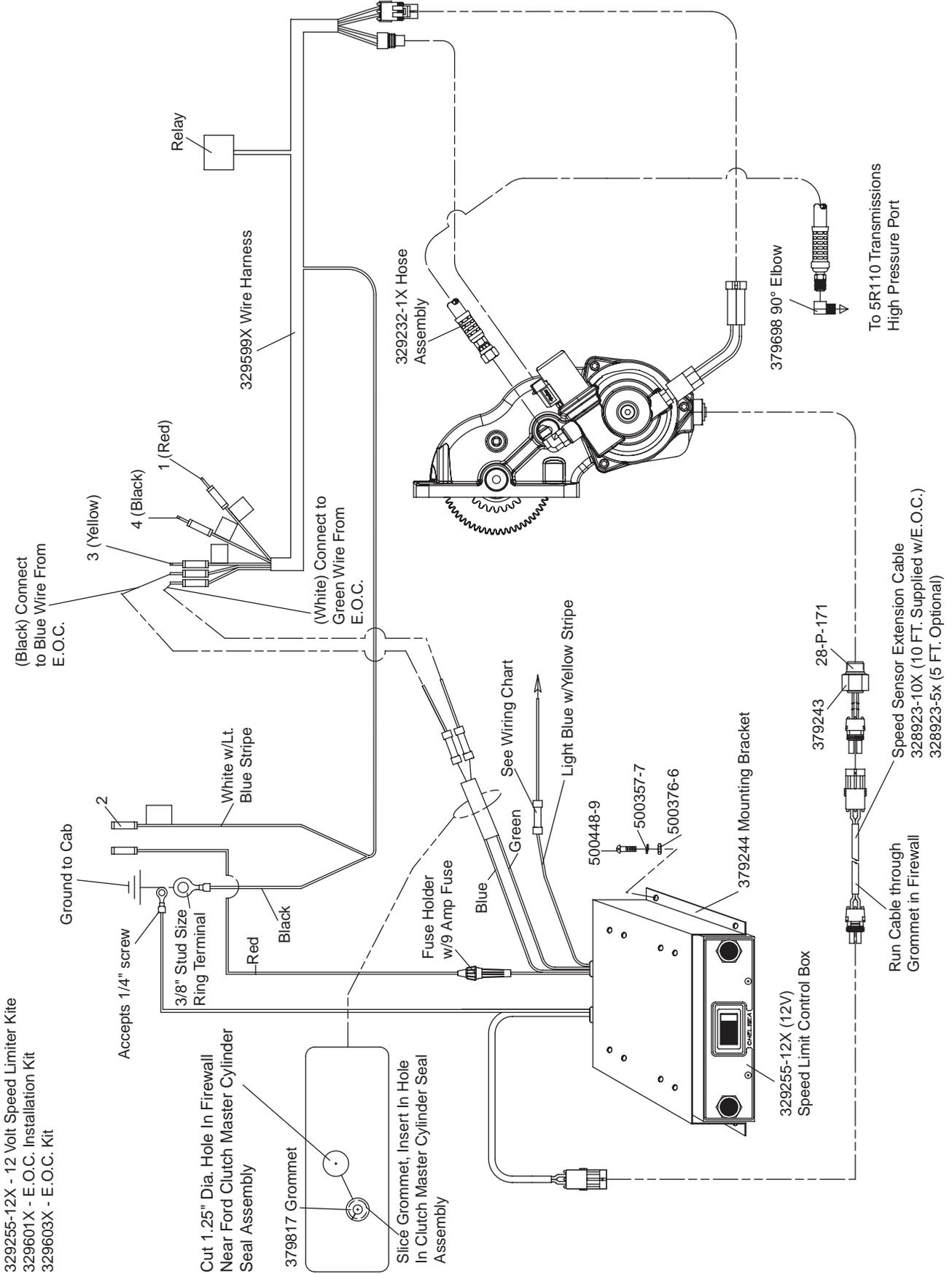
Item	Part Number	Description	Quantity
	329600X	KIT-Installation & Mounting - Non E.O.C.	1
	329598X	Wiring Harness	1
	379502	Pressure Switch	1
	379698	Elbow-male 90° - .438" -24 x .125" -27	1
	379817	Grommet	1
	328232-1X	Assembly Hose	1
	8000-19X	Kit- Mounting	1

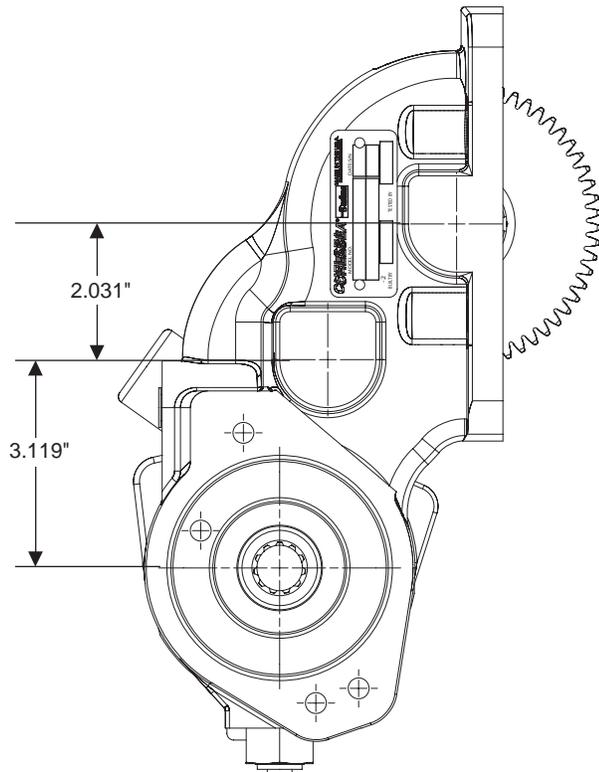
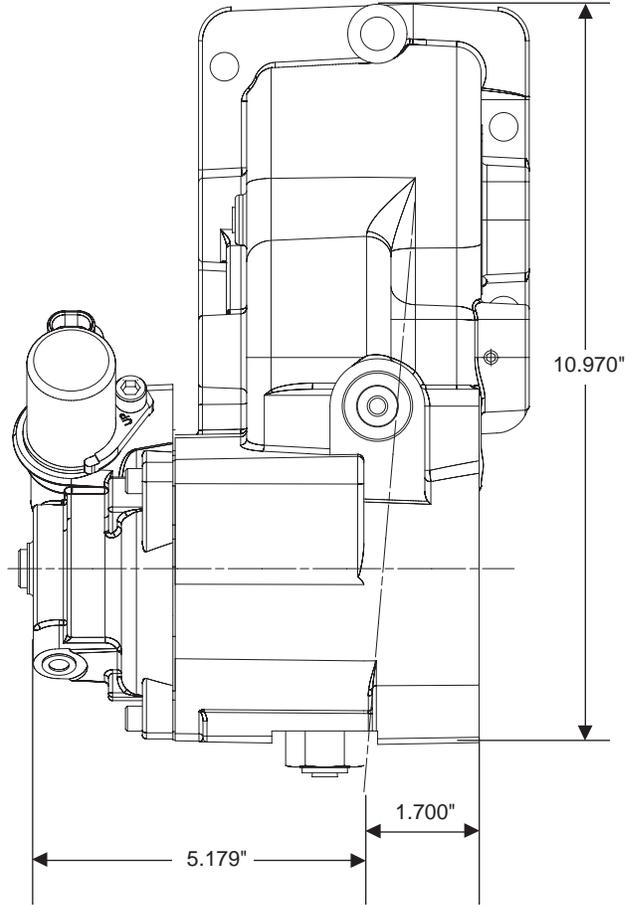
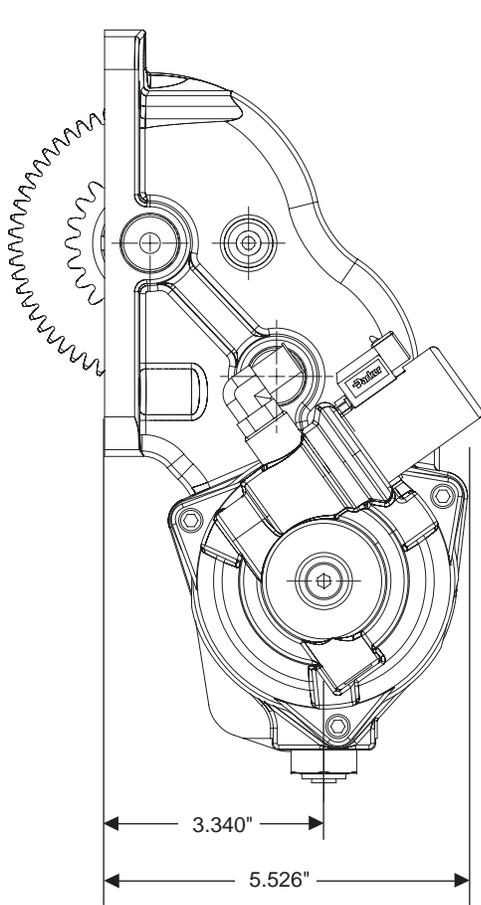


Bill of Materials**Hydraulic Installation Kit with Electronic Overspeed Control**

Item	Part Number	Description	Quantity
	329255-12X	Assembly-Speed Limiter (12V)	1
	379244	Mounting Bracket	1
	379243	P.T.O. Speed Sensor	1
	328923-10X	Speed Sensor Extension Cable, 10 Ft. (Supplied w/E.O.C.)	1
	329601X	KIT-Installation & Mounting - E.O.C.	1
	329599X	Wiring-Harness-EOC	1
	379502	Switch-Pressure	1
	379698	Elbow-male 90° - .438"-24 x .125" -27	1
	379817	Grommet	1
	328232-1X	Assembly-Hose	1
	8000-19X	Kit- Mounting	1
	328923-5X	Speed Sensor Extension Cable, 5 Ft. (Optional)	

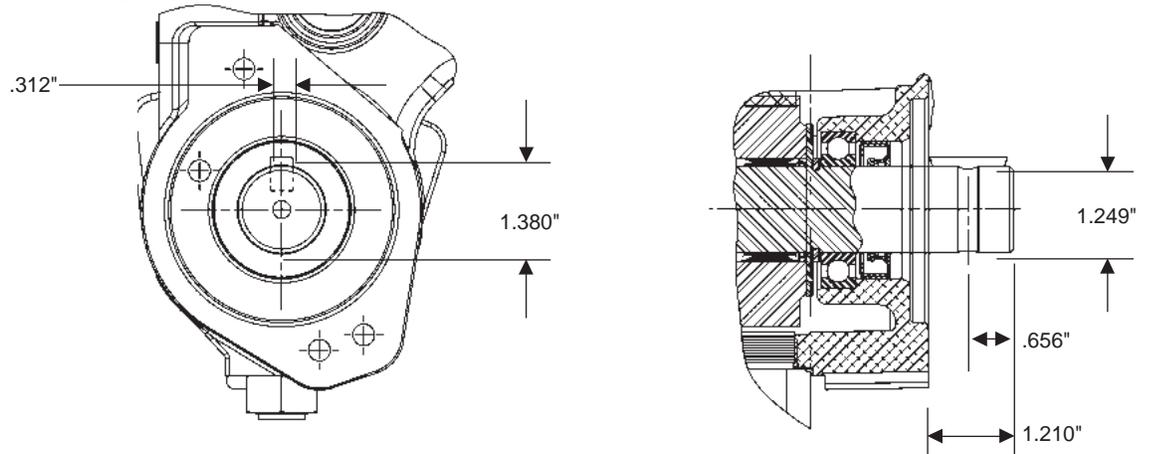
Wiring Installation Sketch with E.O.C. (SK-449 Rev A)





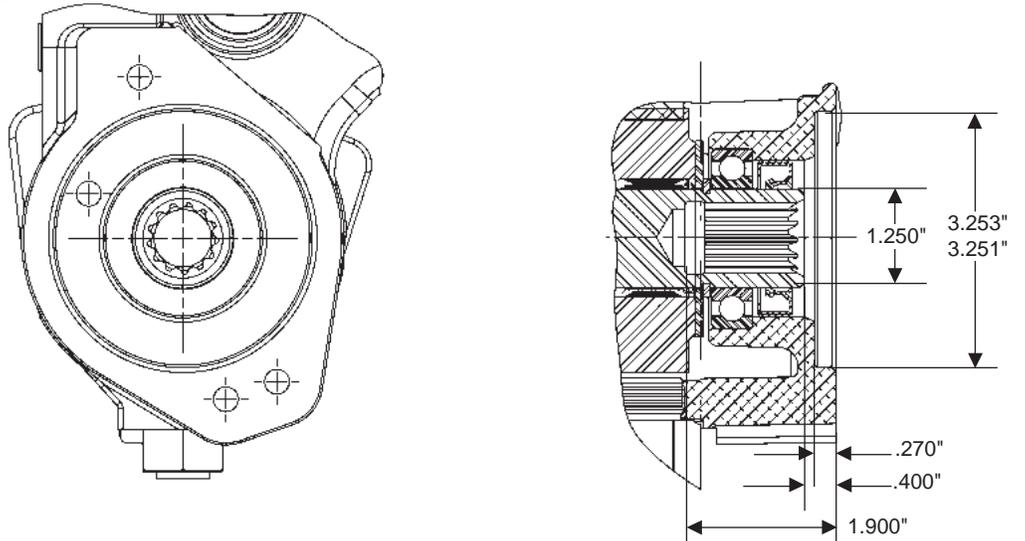
XD Output

1.25" Keyed Shaft
S.A.E. Class "A" 2 Bolt Flange



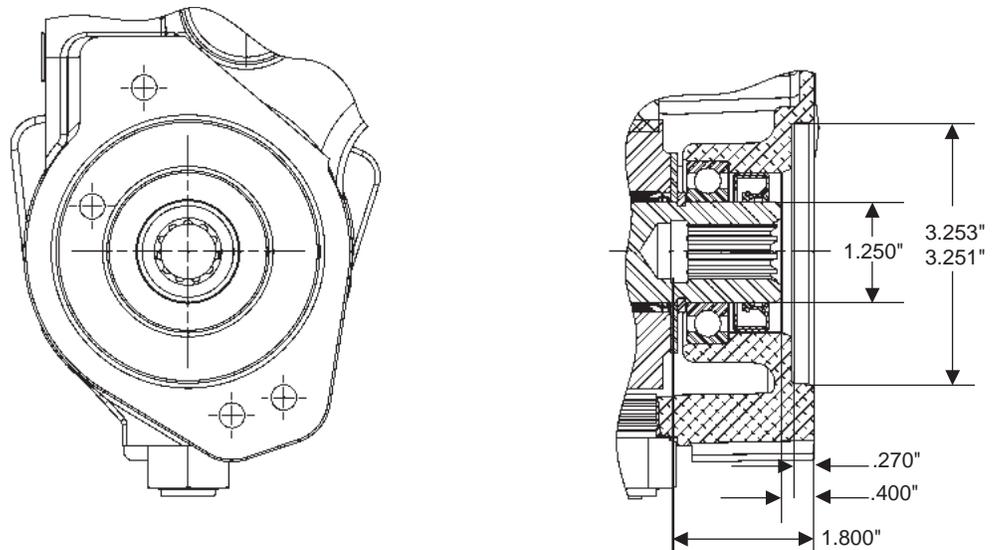
XP Output

7/8" 13 - Tooth Shaft
S.A.E. Class "A" 2 Bolt Flange



AD Output

3/4" 11 - Tooth Shaft
S.A.E. Class "A" 2 Bolt Flange

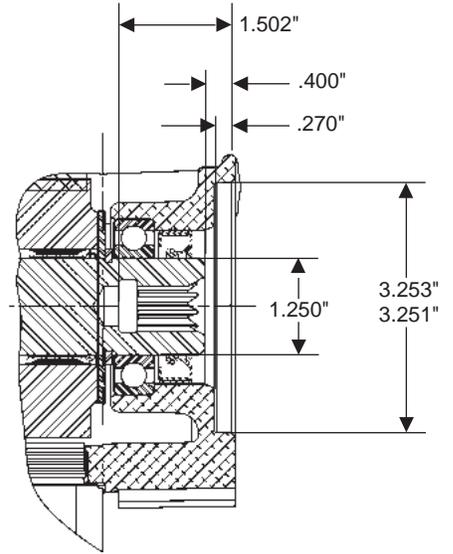
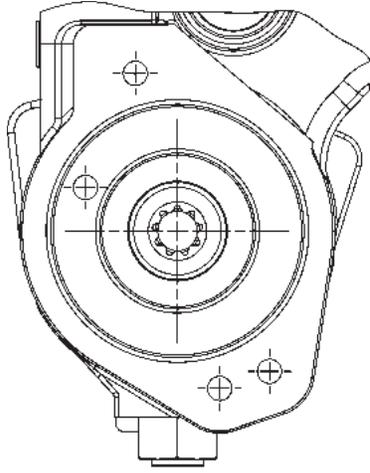


Output Flanges

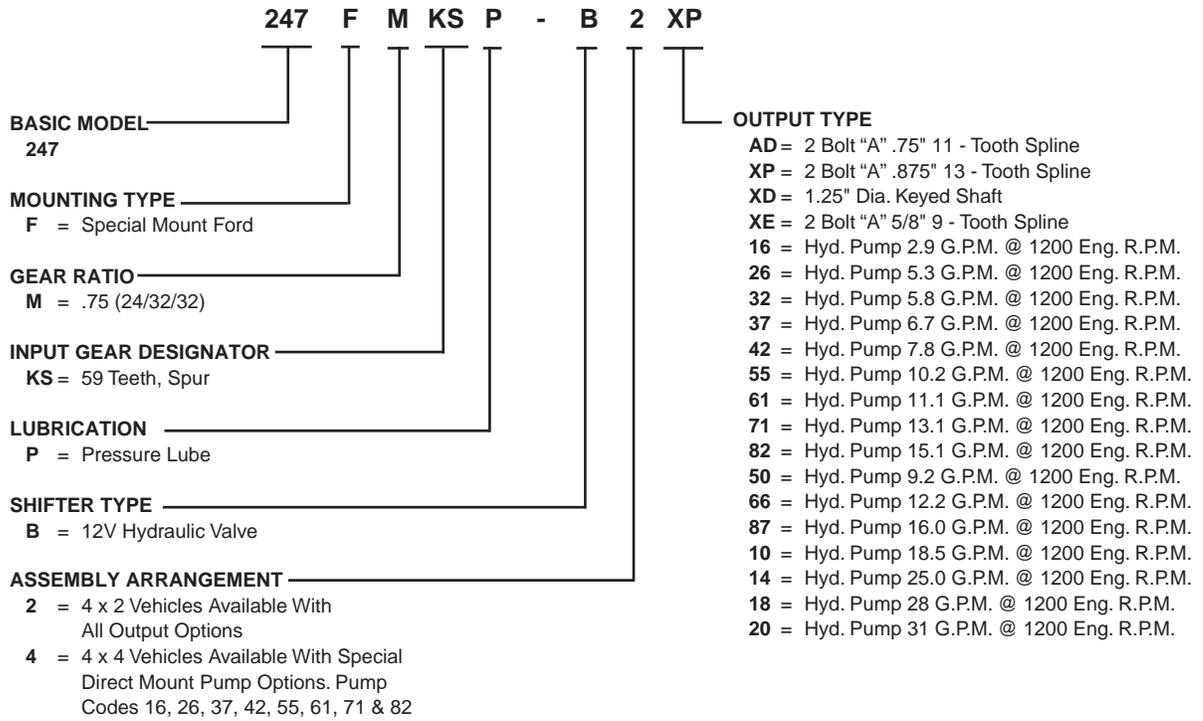
XE Output

5/8" 9 - Tooth Shaft

S.A.E. Class "A" 2 Bolt Flange



Model Number Designation



Offer of Sale

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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 18 months from date of sale.

(B) Except 267, 269, 277, 278, 246, 247, 250, 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 thereto. 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.

6/08-P



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