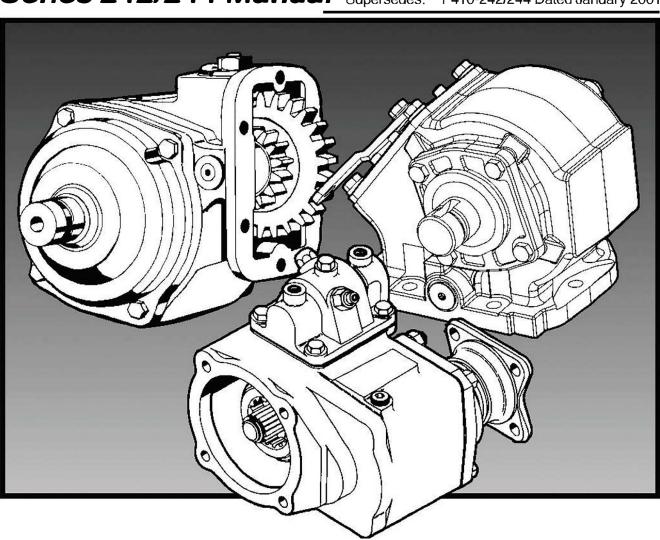


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**CHELSEA®** Replacement Parts List Series 242/244 Manual Effective: Supersedes: Bulletin HY25-2242-M1/US

January 15, 2002

P410-242/244 Dated January 2001





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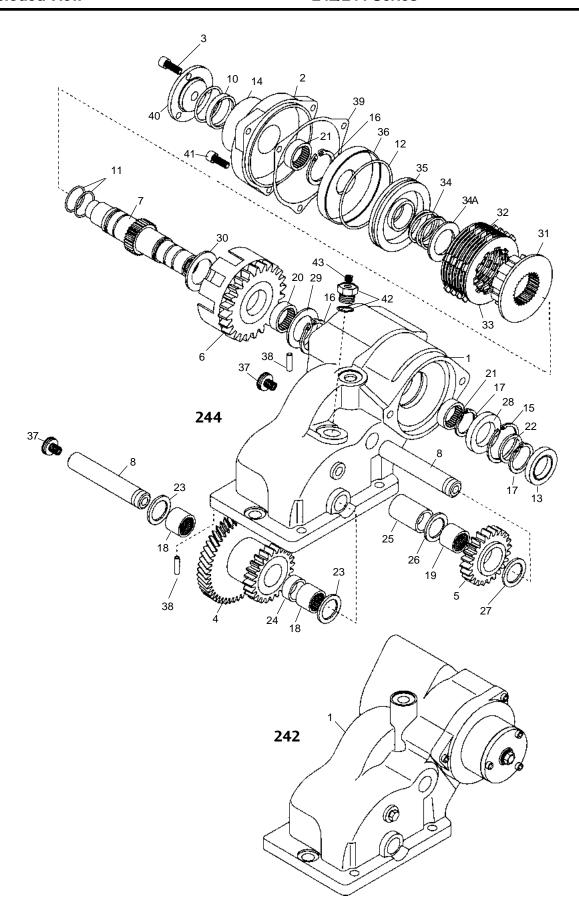
#### Bulletin HY25-2242-M1/US

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#### **Bill of Materials**

## Power Take-Offs **242/244 Series**

Item	Part Number	Description	Quantity
1	1-P-544	Housing, 244 Series	1
1	1-P-561	Housing, 242 Series	
2	21-P-613		
		Bearing Cap, 244 Series	
2	21-P-618	Bearing Cap, 242 Series	
3	34-P-126	End Cap	1
4	5-P-1231	Input Gear	1
5	5-P-1232	Idler Gear	1
6	2-P-775	Output Gear	1
7	3-P-936X	Pump Shaft, 5/8"-9 Tooth Spline, 242 and 244 Series	
7	3-P-937	Output Shaft, 1" Rd. 242 Series	
7	3-P-943X	Pump Shaft, 3/4"-11 Tooth Spline, 242 and 244 Series	
•			•
8	9-P-90	Idler Shaft	
10	28-P-263	O-Ring, End Cap	
11	28-P-266	O-Ring, Output Shaft	
12	28-P-265	O-Ring, Piston	1
13	28-P-264	Oil Seal	1
14	28-P-119	Oil Seal	1
15	379695	Snap Ring, Internal	
16	379694	Snap Ring, External 1.25"	
-	379693		
17		Snap Ring, External 1"	
18	550890	Needle Bearing, Input Shaft	∠
19	550306	Needle Bearing, Idler Shaft	1
20	560998	Needle Bearing, Output Gear	1
21	560999	Needle Bearing, Output Gear	2
22	31-P-95	Spacer, 1"	
23	31-P-97	Thrust Washer	
24	14-P-70	Spacer, Input Shaft Bearing	
25	4-P-175	Spacer, Idler Shaft	1
26	31-P-100	Thrust Washer, .126" thick	1
27	31-P-99	Thrust Washer, .032" thick	1
28	31-P-101	Thrust Washer, Output Shaft, .329" thick	1
29	31-P-105	Tabbed Thrust Washer, Output Shaft	1
30	31-P-98	Thrust Washer, Clutch, .094" thick	
31	2-P-776	Clutch Gear	
-	379692		
32		Clutch Plate	
33	379691	Friction Disk	5
34	37-P-56	Clutch Spring	1
34A	31-P-108	Spacer, Clutch Spring	1
35	379704	Piston	1
36	379705	Cylinder, Back-Up	1
37	379672	NWD Plug	
38	379696	Roll Pin (1.250 LG.)	2
39	22-P-103	Gasket, Bearing Cap	
40	379431-4	Hex Capscrew	
41	379431-7	Hex Capscrew	
42	379242	Boss Plug, with O-Ring	1
43	379231	Pipe Plug, for Boss Plug	1
N.S.	68-P-2	Name Plate	
N.S.	378422	Drive Screw For Nameplate	
N.S.	379708	Tubing Assembly	

N.S. - Not Shown



### Bill of Materials

## Power Take-Offs **242/244 Series**

Item	Part Number	Description	Quantity
		Loose Parts	
N.S.	379709	Plug, Weep Hole	2
N.S.	8000-16X	Mounting Kit, 244 Series	1
	28-P-200	O-Ring	
	378924-52	Hex Capscrew	1
	379697	Dowel, Split Hollow	2
	379706	Hex Capscrew, M10 X 1.5	5
N.S.	8000-17X	Mounting Kit, 242 Series	
	28-P-200	O-Ring	1
	378924-64	Hex Capscrew	1
	379697	Dowel, Split Hollow	2
	379706	Hex Capscrew, M10 X 1.5	5
	220220 EV	Installation 9 Label Vit	4
	329229-5X	Installation & Label Kit	
	328946X	Caution Label Kit	
	379085-2	Installation Decal	
	379624	Warranty Card	
	379715	Owners Manual	
	379716-1	Envelope	
	329229-4X 379743	Pump Mounting Kit	
	3/3/43	Hex Head Sciew	2
	329317-1X	Dash Plat & Wiring Harness/Fitting Kit, 244 & 244 Series	
	329315-1X	Dash Plat/Wire Harness Assembly, Non E.O.C.	1
	329319X	Fitting Kit With Manifold, 242 & 244 Series	1
	379486	Straight Thread O-ring, 90° Elbow JIC	4
	379698	Male Elbow	1
	379703	Swivel Nut, 90° Elbow JIC	
	379726	Temperature Sender	
	379832	90° Elbow JIC	
	379833	Seal Nut	
	329321X	Installation Kit	
	379502	Pressure Switch	
	379817	Grommet	
	379818	Flange Bolt,	
	379830	Pan Head Screw,	2
	329320-2X	Manifold/Hose Kit, 242 Series	1
	329057-4X	Hose Assembly (16750"), Solenoid Exhaust to P.T.O	
	329130-2X	Hose Assembly (17250"), Manifold "Lube" to P.T.OPressure Lube	
	329130X	Hose Assembly (12250"), Manifold "Out" to P.T.OClutch Pack	
	329232-1X	Hose Assembly (19500"), Trans. Main Pressure to Manifold "IN"	1
	329307X	Manifold Valve Assembly	
	329320-4X	Manifold/Hose Kit, 244 Series	1
	329057-4X	Hose Assembly (16750"), Solenoid Exhaust to P.T.O.	
	329130-2X	Hose Assembly (17250"), Manifold "Lube" to P.T.OPressure Lube	
	329130-5X	Hose Assembly (26750"), Manifold "Out" to P.T.OClutch Pack	
	329232-1X	Hose Assembly (19500"), Trans. Main Pressure to Manifold "IN"	1
	329307X	Manifold Valve Assembly	
		SERVICE KITS	
	329311-1X	.625"-9 Tooth Shaft w/ Tabbed Washer	1
	329311-2X	1.000" Keyed Shaft w/ Tabbed Washer ( XB output only)	
	329339-1X	Gasket And Seal Kit	
	329339-2X	Bearing Kit	
	329339-3X	Clutch Plate Kit	
	329339-4X	Rebuild Kit (Includes 329339-1X, -2X and -3X)	
	1		

N.S. - Not Shown



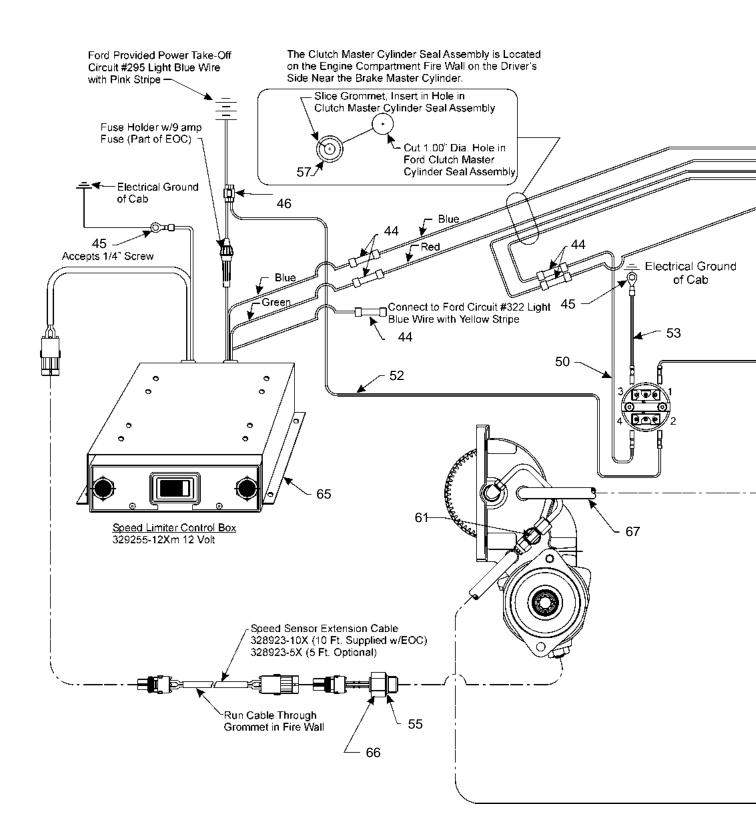
#### **Shift Installation Kit with Electronic Overspeed Control**

Item	Part Number	Description	Quantity
N.S.	379061	Wire Tie	6
44	379252	Butt Connector	5
45	379253	Ring Connector	2
46	379257	Electric Connector	2
47	379725	Temperture Gauge	1
N.S.	379741	Mounting Hardware Temperature Gauge	1
48	379727	Wire Connector Assembly	
49	379730	Bracket, Temperature Gauge	1
50	379732-2	Wire, White 42" with Spade & Butt Connector	1
51	379732-1	Wire, Black 42" with Spade & Butt Connector	1
52	379733-1	Wire, Red 12" with Spade Connector	1
53	379733-2	Wire, Black 12" with Spade Connector	1
54	379736	Wire Connector Assembly	1
55	28-P-171	O-Ring	1
	329321X	Installation Kit	1
56	379502	Pressure Switch	1
57	379265	Grommet	1
58	379818	Flange Bolt,	2
N.S.	379830	Pan Head Screw,	2
	329319X	Fitting Kit For Manifold, 242 & 244 Series	
59	379486	Straight Thread O-Ring, 90° Elbow JIC	4
60	379698	Male Elbow	1
61	379703	Swivel Nut, 90° Elbow JIC	1
62	379726	Temperature Sender	
63	379832	90° Elbow JIC	1
64	379833	Seal Nut	1
65	329255-12X	Speed Limiter, 12 Volt	1
66	379243	Speed Sensor	
	329320-2X	Manifold/Hose Kit, 242 Series	1
67	329320-2X 329057-4X	Hose Assembly (16750"), Solenoid Exhaust to P.T.O.	
68	329130-2X	Hose Assembly (17250"), Manifold "Lube" to P.T.OPressure Lube	
69	329130X	Hose Assembly (12250"), Manifold Euber to P.T.OPressure Eube  Hose Assembly (12250"), Manifold "Out" to P.T.OClutch Pack	
70	329232-1X	Hose Assembly (19500"), Trans. Main Pressure to Manifold "IN"	
70 71	329307X	Manifold Valve Assembly	1
	02000174	,	
	329320-4X	Manifold/Hose Kit, 244 Series	
67	329057-4X	Hose Assembly (16750"), Solenoid Exhaust to P.T.O.	
68	329130-2X	Hose Assembly (17250"), Manifold "Lube" to P.T.OPressure Lube	
72	329232-1X	Hose Assembly (19500"), Trans. Main Pressure to Manifold "IN"	
73	329307X	Manifold Valve Assembly	
74	329130-5X	Hose Assembly (26750"), Manifold "Out" to P.T.OClutch Pack	1

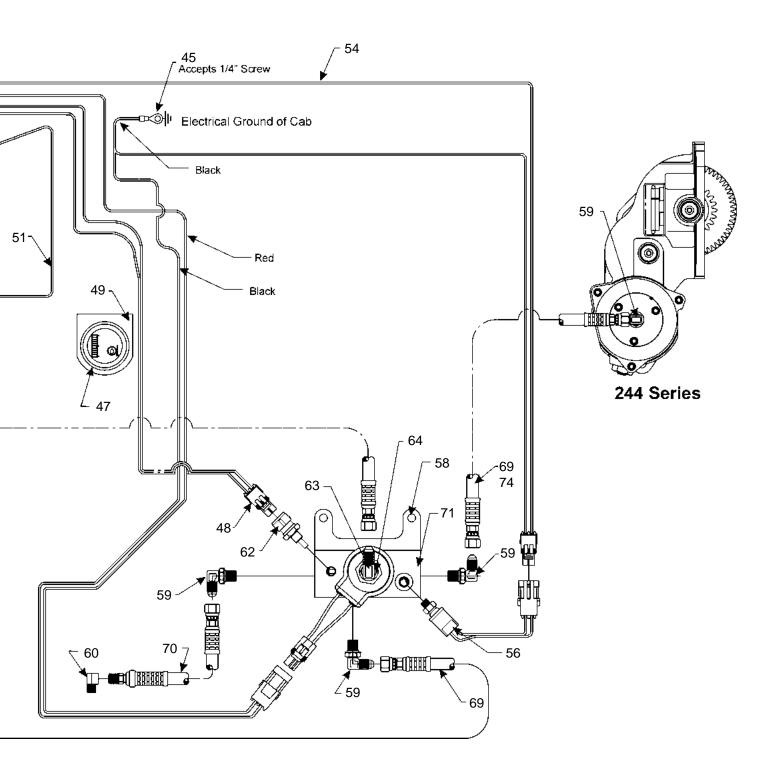
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#### **Shift Installation Kit With Electronic Overspeed Control**



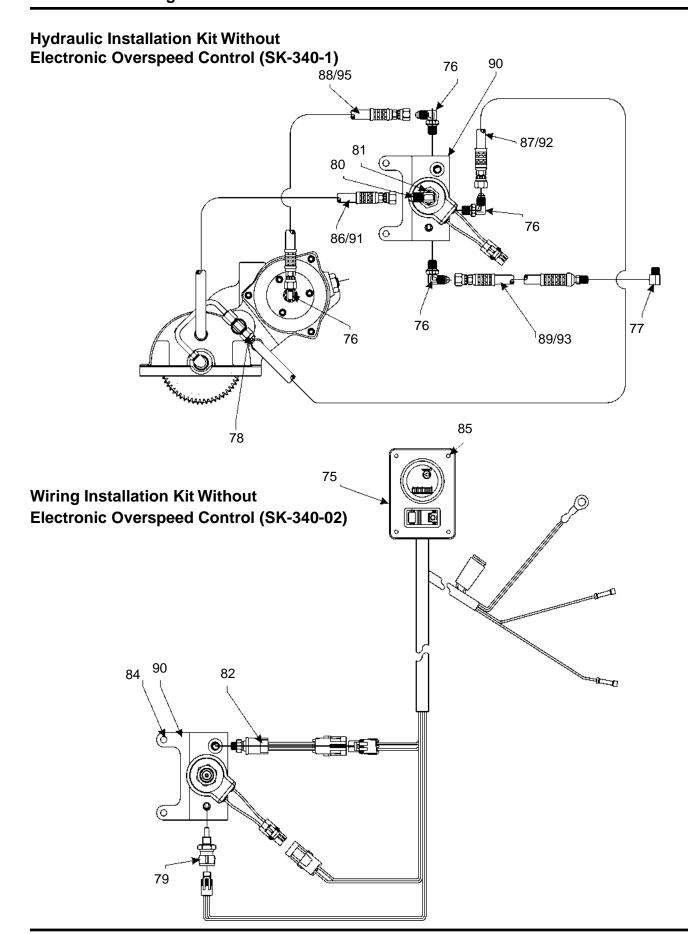


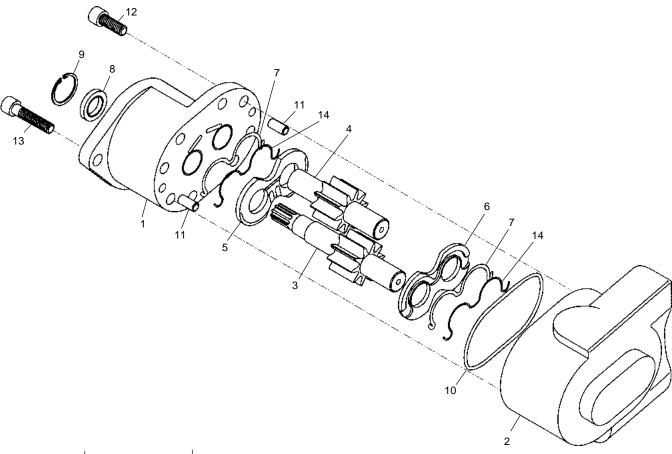


### **Shift Installation Kit without Electronic Overspeed Control**

ltem	Part Number	Description	Quantity
	329317-1X	Dash Plat & Wiring Harness/Fitting Kit, 244 & 244 Series	1
75	329315-1X	Dash Plat/Wire Harness Assembly, Non E.O.C.	
	329319X	Fitting Kit For Manifold, 242 & 244 Series	
76	379486	Straight Thread O-Ring, 90° Elbow JIC	4
77	379698	Male Elbow	
78	379703	Swivel Nut, 90° Elbow JIC	
79	379726	Temperature Sender	
80	379832	90° Elbow JIC	1
81	379833	Seal Nut	
	329321X	Installation Kit	1
82	379502	Pressure Switch	1
83	379817	Grommet	1
84	379818	Flange Bolt,	2
85	379830	Pan Head Screw,	2
	329320-2X	Manifold/Hose Kit, 242 Series	1
86	329057-4X	Hose Assembly (16750"), Solenoid Exhaust to P.T.O.	
87	329130-2X	Hose Assembly (17250"), Manifold "Lube" to P.T.OPressure Lube	1
88	329130X	Hose Assembly (12250"), Manifold "Out" to P.T.OClutch Pack	1
89	329232-1X	Hose Assembly (19500"), Trans. Main Pressure to Manifold "IN"	1
90	329307X	Manifold Valve Assembly	
	329320-4X	Manifold /Hose Kit, 244 Series	1
91	329057-4X	Hose Assembly (16750"), Solenoid Exhaust to P.T.O	1
92	329130-2X	Hose Assembly (17250"), Manifold "Lube" to P.T.OPressure Lube	
93	329232-1X	Hose Assembly (19500"), Trans. Main Pressure to Manifold "IN"	
90	329307X	Manifold Valve Assembly	
95	329130-5X	Hose Assembly (26750"), Manifold "Out" to P.T.OClutch Pack	

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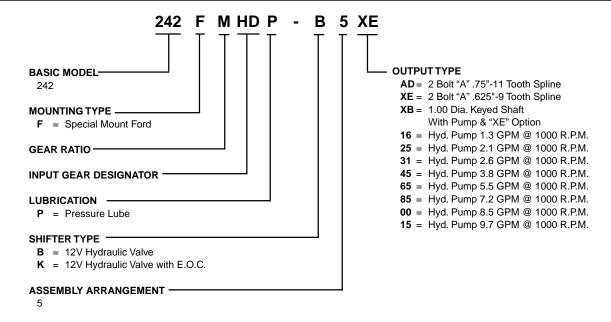


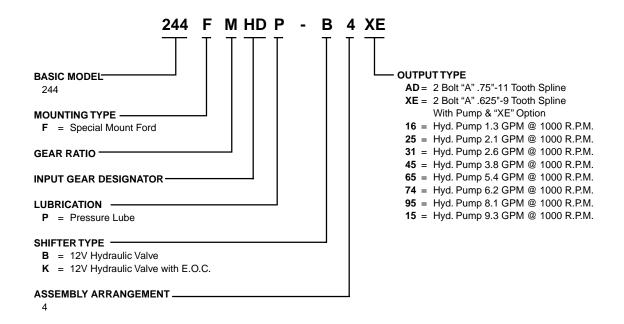


Item	Part Number	Description Quantity
1	64543	Flange1
2	64735	Body, FP14-115C 1
	64551	Body, FP14-95C 1
	64952	Body, FP14-74C
	64955	Body, FP14-65C 1
	64954	Body, FP14-45C 1
3	2A053	Drive Gear, FP14-115C 1
	29938	Drive Gear, FP14-95C 1
	2A201	Drive Gear, FP14-74C 1
	2A202	Drive Gear, FP14-65C 1
	2A203	Drive Gear, FP14-45C1
4	2A054	Idler Gear, FP14-115C 1
	28287	Idler Gear, FP14-95C 1
	2A207	Idler Gear, FP14-74C 1
	28439	Idler Gear, FP14-65C 1
	2A206	Idler Gear, FP14-45C 1
5	2A195	Pressure Plate, Top 1
6	2A196	Pressure Plate, Bottom 1
7	15818	Back-Up Ring 2
8	16920	Shaft Seal1
9	58-5000-137	Snap Ring 1
10	55-040-8309	O-Ring1
11	16030	Dowels
12	62B-6-10HG8	Socket Head Capscrew, 3/8 - 1" 4
13	62B-6-14HG8	Socket Head Capscrew, 3/8 - 1.50" 4
14	15817	O-Ring
	329346X	Soft Goods Service Kit
	329347X	Shaft Seal Kit
	329348X	Soft Goods Service Kit w/Pressure Plates



#### **Model Number Designation**





Notes	



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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, 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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- **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.
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