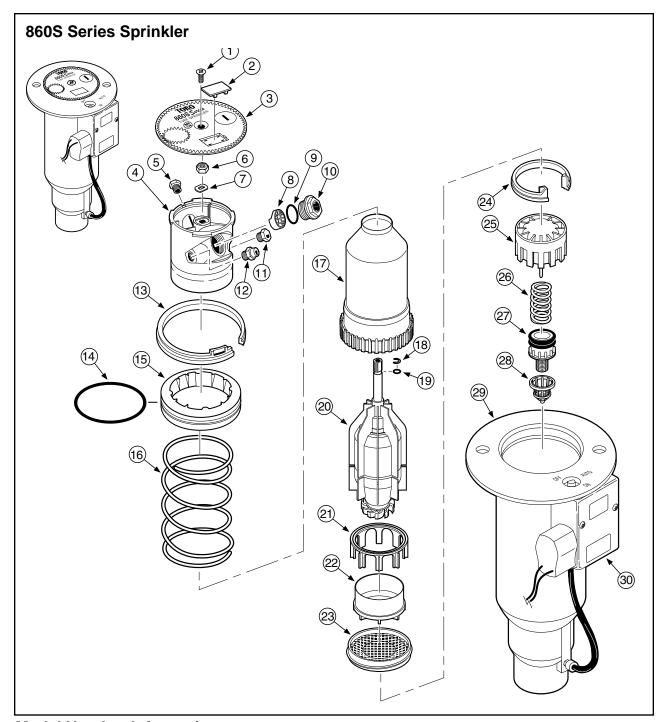
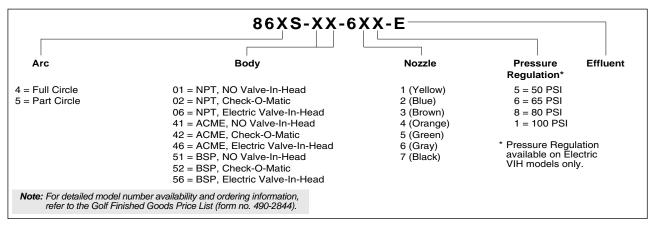
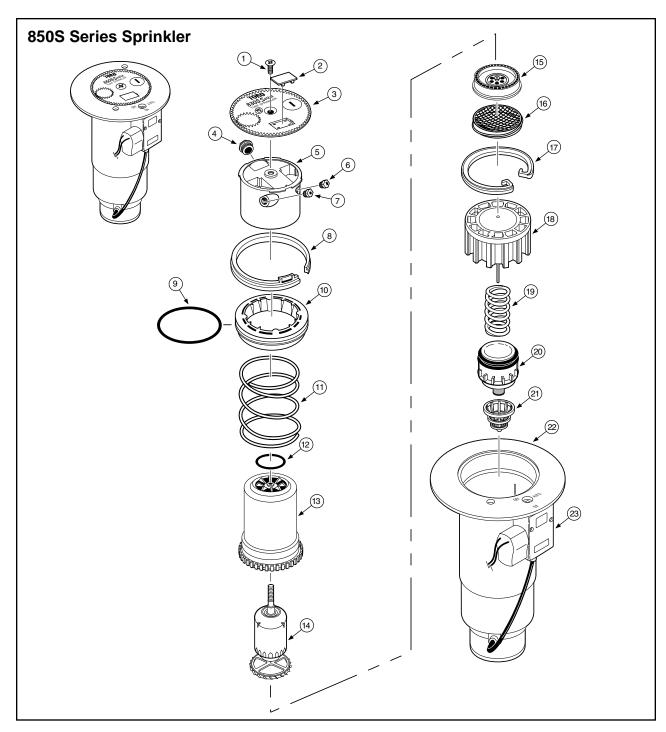


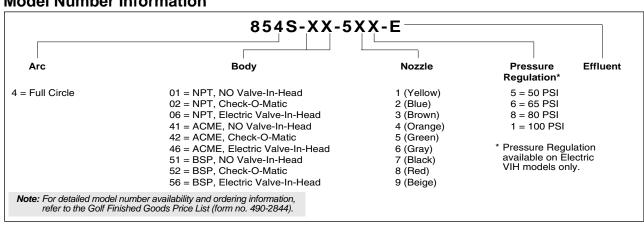
em No.	Part No.	Nomenclature	Quantity Per Assy
1	102-0362	Screw, Cap	1
2	89-1589	Plug, Cap	1
3	102-0230	Cap, 830S	1
3	102-1703	Cap, 830S, Effluent	1
4	102-0725	Nozzle, Main, #1 (Yellow)	1
4	102-0726	Nozzle, Main, #2 (Blue)	1
4	102-0727	Nozzle, Main, #3 (Brown)	1
4	102-0728	Nozzle, Main, #4 (Orange)	1
4	102-0729	Nozzle, Main, #5 (Green)	i
4	102-0730	Nozzle, Main, #6 (Gray)	i
4	102-0731	Nozzle, Main, #7 (Black)	1 1
5	102-0955	Nozzle Base Assembly	1
6	102-2136	Nozzle Assembly, Inner, Low-Flow (Yellow - Used with #1–4 Main Nozzle)	'1
6	102-2135	Nozzle Assembly, Inner, High-Flow (White - Used with #5–7 Main Nozzle)	
7			
	102-2105	Nozzle Assembly, Intermediate (Blue - Used with #1–2 Main Nozzle)	
7	102-2106	Nozzle Assembly, Intermediate (Orange - Used with #3–4 Main Nozzle)	1
7	102-2107	Nozzle Assembly, Intermediate (Gray - Used with #5–7 Main Nozzle)	1 1
8	89-1385	Snap Ring, Riser	!
9	363-4102	O-Ring, Body	1
10	102-0134	Retainer, Seal	1
11	102-0151	Spring, Return	1
12	363-4167	O-Ring, Nozzle Base	1
13	102-0202	Riser	1
14	102-0954	Drive Assembly	1
15	102-1939	Stator Assembly, Low-Flow (Yellow - Use with #1–4 Main Nozzle)	1
15	102-1940	Stator Assembly, Medium-Flow (White - Use with #5–7 Main Nozzle)	1
16	102-1715	Screen, Riser	1
17	89-4702	Snap Ring, Valve	;
18	102-0623	Cylinder Assembly	
19	3-2633	Spring, Valve, Electric & Normally Open	
19	89-5821	Spring, Valve, Check-O-Matic	
20	89-1054	Piston Assembly, Electric	
20	102-1864	Piston Assembly, Check-O-Matic & Normally Open	1
21	102-0784	Screen, Rock, Removable	1
22	102-1094	Body Assembly, Electric, ACME	1
22	102-1092	Body Assembly, Electric, BSP	1
22	102-1090	Body Assembly, Electric, NPT	1
22	102-1082	Body Assembly, Check-O-Matic, ACME	1
22	102-1080	Body Assembly, Check-O-Matic, BSP	1
22	102-1078	Body Assembly, Check-O-Matic, NPT	1
22	102-1088	Body Assembly, Normally Open, ACME	1
22	102-1086	Body Assembly, Normally Open, BSP	1
22	102-1084	Body Assembly, Normally Open, NPT	1
23	See p. 68	Pilot Valve Assembly,	i
		SERVICE PARTS AND ASSEMBLIES	
	102-0624	Valve Assembly, Electric (Includes Items 18–20)	
	102-1118	Valve Assembly, Check-O-Matic (Includes Items 18–20)	
	102-1120	Valve Assembly, Normally Open (Includes Items 18–20)	
	102-2502	Cap, 830S, w/o Graphics	
	102-2503	Cap, 830S, w/o Graphics, Effluent	
	*102-2530	Conversion Assembly, 834S, 31-34	
	*102-2531	Convrsion Assembly, 834S, 35-37	
		SERVICE TOOLS	
		See Sprinkler Service Tools	
		r	
		* Order through Finished Goods Distribution System - Minneapolis	



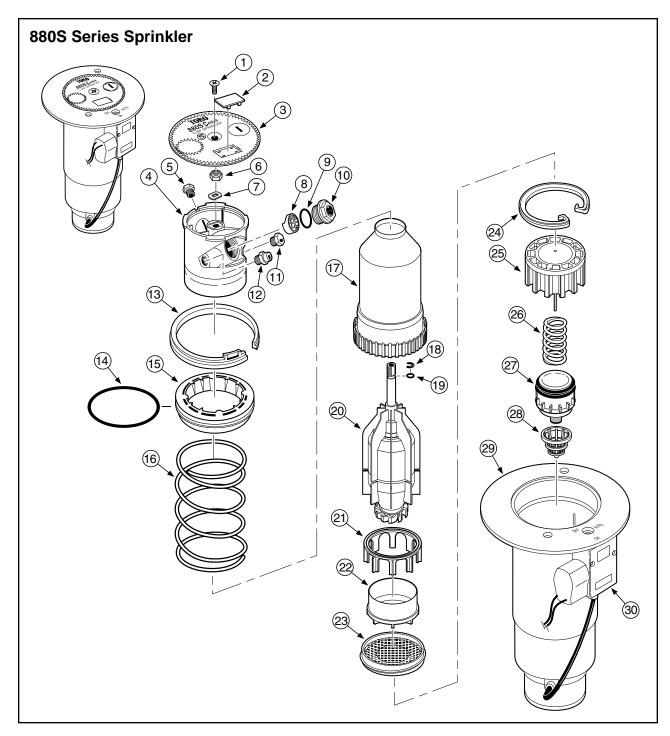


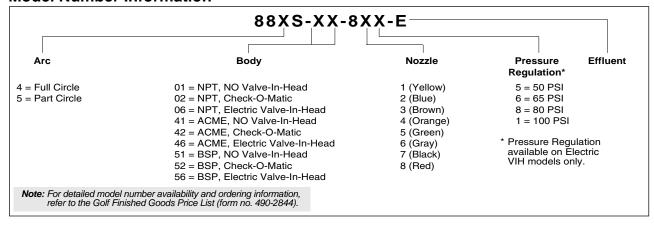
tem No.	Part No.	Quantity Per Assy.	
1	102-1950	Screw, Cap, Stainless Steel, Full Circle Models	1
1	363-4125	Screw, Cap, Brass, Part Circle Models	1
2	89-1589	Plug, Cap	1
3	102-1947	Cap, 860S	1
3	102-2082	Cap, 860S, Effluent	1
4	102-2153	Nozzle Base Assembly	1
5	102-0840	Plug, Back Nozzle	1
6	102-1951	Alignment Washer	1
7	102-1949	Stream Straightener	1
8	363-4104	O-Ring, Main Nozzle	1
9	102-0725	Nozzle, Main, #1, Yellow	1
9	102-0726	Nozzle, Main, #2, Blue	1
9	102-0727	Nozzle, Main, #3, Brown	1
9	102-0728	Nozzle, Main, #4, Orange	1
9	102-0729	Nozzle, Main, #5, Green	1
9	102-0730	Nozzle, Main, #6, Gray	1
9	102-0731	Nozzle, Main, #7, Black	1
10	102-2136	Nozzle Assembly, Inner, Low-Flow, Yellow	1
11	102-0609	Nozzle, Intermediate, Gray (Used with #1–2 main nozzles)	1
11	102-0610	Nozzle, Intermediate, Red (Used with #3–4 main nozzles)	i
11	102-0823	Nozzle, Intermediate, Beige (Used with #5–7 main nozzles)	i
12	89-1385	Snap Ring, Riser	1
13	363-4102	O-Ring, Body	i
14	102-0134	Retainer, Seal, 1.0"	1
15	102-0151	Spring, Return	1
16	89-6360	Riser Assembly, 860S	1
17	102-2039	Support Ring	1
18	363-4092	O-Ring	
19	102-2203	Drive Assembly, PC, (Includes items 17 & 18)	1
19	102-2203	Drive Assembly, FC, (Includes items 17 & 18)	
20	89-1958	Stator Support	1
21	89-1957	Stator, Variable	
22	89-1588	Screen, 860S/880S	1
23		Snap Ring, Valve	
	89-4702		
24	102-0623	Cylinder Assembly	1
25	3-2633	Spring, Valve, Electric & Normally Open	1
25	89-5821	Spring, Valve, Check-O-Matic	1
26	89-1054	Piston Assembly, Electric	1
26	102-1864	Piston Assembly, Check-O-Matic & Normally Open	1
27	102-0784	Screen, Rock, Removable	1
28	102-1094	Body Assembly, Electric, ACME	1
28	102-1092	Body Assembly, Electric, BSP	1
28	102-1090	Body Assembly, Electric, NPT	1
28	102-1082	Body Assembly, Check-O-Matic, ACME	1
28	102-1080	Body Assembly, Check-O-Matic, BSP	1
28	102-1078	Body Assembly, Check-O-Matic, NPT	1
28	102-1088	Body Assembly, Normally Open, ACME	1
28	102-1086	Body Assembly, Normally Open, BSP	1
28	102-1084	Body Assembly, Normally Open, NPT	1
29	See p. 68	Pilot Valve Assembly,	1
		SERVICE PARTS AND ASSEMBLIES	
	102-0624	Valve Assembly, Electric (Includes Items 24–26)	
	102-1118	Valve Assembly, Check-O-Matic (Includes Items 24–26)	
	102-1120	Valve Assembly, Normally Open (Includes Items 24–26)	
	102-2506	Cap, 860S, w/o Graphics	
	102-2507	Cap, 860S, w/o Graphics, Effluent	
	* 102-2550	Conversion Assy., 865S, 61–64, Ribbed Body	
	* 102-2551	Conversion Assy., 865S, 65–67, Ribbed Body	
		SERVICE TOOLS	
		See Sprinkler Service Tools	
		* Order Through Finished Goods Distribution System – Minneapolis	





tem No.	Part No.	Nomenclature	Quantity Per Assy.		
1	102-0362	Screw, Cap	1		
2	89-1589	Plug, Cap	1		
3	102-0231	Cap, 850S	1		
3	102-1704	Cap, 850S, Effluent			
4	102-0725	Nozzle, Main, #1 (Yellow)	1		
4	102-0726	Nozzle, Main, #2 (Blue)	1		
4	102-0727	Nozzle, Main, #3 (Brown)	1		
4	102-0728	Nozzle, Main, #4 (Orange)	1		
4	102-0729	Nozzle, Main, #5 (Green)	1 1		
4 4	102-0730 102-0731	Nozzle, Main, #6 (Gray) Nozzle, Main, #7 (Black)	1		
4	102-0731	Nozzle, Main, #7 (Biack)	1		
4	102-0227	Nozzle, Main, #6 (Red)			
5	102-0955	Nozzle Base Assembly	i		
6	102-2136	Nozzle Assembly, Inner, Low-Flow (Yellow - Used with #1–4 Main Nozzle)	1		
6	102-2135	Nozzle Assembly, Inner, High-Flow (White - Used with #5–9 Main Nozzle)	1		
7	102-2105	Nozzle Assembly, Intermediate (Blue - Used with #1–2 Main Nozzle)	1		
7	102-2106	Nozzle Assembly, Intermediate (Orange - Used with #3–4 Main Nozzle)	1		
7	102-2107	Nozzle Assembly, Intermediate (Gray - Used with #5–7 Main Nozzle)	1		
7	102-0610	Nozzle Assembly, Intermediate (Red - Used with #7–8 Main Nozzle)	1		
7	102-2043	Nozzle Assembly, Intermediate (Beige - Used with #9 Main Nozzle)	1		
8	35-6119	Snap Ring, Riser	1		
9	363-4103	O-Ring, Body	1		
10	102-0136	Retainer, Seal	1		
11	102-0151	Spring, Return	1		
12	363-4167	O-Ring, Nozzle Base	1		
13	102-0203	Riser	1		
14	102-0954	Drive Assembly	1		
15	102-1939	Stator Assembly, Low-Flow (Yellow - Use with #1–4 Main Nozzle)	1		
15	102-1940	Stator Assembly, Medium-Flow (White - Use with #5–7 Main Nozzle)	1		
15	102-1941	Stator Assembly, High-Flow (White - Use with #8–9 Main Nozzle)	1 1		
16 17	102-1715 3-3304	Screen, Riser Snap Ring, Valve			
18	102-0626	Cylinder Assembly	1 1		
19	3-3323	Spring, Valve, Electric & Normally Open	i		
19	3-3311	Spring, Valve, Check-O-Matic			
20	89-0937	Piston Assembly, Electric	i		
20	102-1866	Piston Assembly, Check-O-Matic & Normally Open	i		
21	102-0785	Screen, Rock, Removable	1		
22	102-1153	Body Assembly, Electric, ACME	1		
22	102-1151	Body Assembly, Electric, BSP	1		
22	102-1149	Body Assembly, Electric, NPT	1		
22	102-1141	Body Assembly, Check-O-Matic, ACME	1		
22	102-1139	Body Assembly, Check-O-Matic, BSP	1		
22	102-1137	Body Assembly, Check-O-Matic, NPT	1		
22	102-1147	Body Assembly, Normally Open, ACME	1		
22	102-1145	Body Assembly, Normally Open, BSP	1		
22	102-1143	Body Assembly, Normally Open, NPT	1		
23	See p. 68	Pilot Valve Assembly,	1		
		SERVICE PARTS AND ASSEMBLIES			
	89-1010	Valve Assembly, Electric (Includes Items 18–20)			
	102-1119	Valve Assembly, Check-O-Matic (Includes Items 18–20)			
	102-1121	Valve Assembly, Normally Open (Includes Items 18–20)			
	102-0624	Valve Assembly, Electric (Includes Items 18–20)			
	102-1118	Valve Assembly, Check-O-Matic (Includes Items 18–20)			
	102-1120	Valve Assembly, Normally Open (Includes Items 18–20)			
	102-2504	Cap, 850S, w/o Graphics			
	102-2505 102-0312	Cap, 850S, w/o Graphics, Effluent			
	102-0312	Solenoid Assembly, Low Wattage w/ Surge Protection, Salt Water Tolerant Plunger Assembly, Salt Water Tolerant			
	*102-2110	Conversion Assembly, 854S, 51-54			
	*102-2532	Conversion Assembly, 854S, 51-54 Convrsion Assembly, 854S, 55-57			
	*102-2534	Convision Assembly, 854S, 58-59			
		SERVICE TOOLS See Sprinkler Service Tools			
	1	* Order through Finished Goods Distribution System - Minneapolis			





tem No.	Part No.	Quantity Per Assy	
1	102-1950	Screw, Cap, Stainless Steel, Full Circle Models	1
1	363-4125	Screw, Cap, Brass, Part Circle Models	1
2	89-1589	Plug, Cap	1
3	102-1948	Cap, 880S	1
3	102-2083	Cap, 880S, Effluent	1
4	102-2153	Nozzle Base Assembly	1
5	102-0840	Plug, Back Nozzle	1
6	102-1951	Alignment Washer	1
7	102-1949	Stream Straightener	1
8	363-4104	O-Ring, Main Nozzle	1
9	102-0725	Nozzle, Main, #1, Yellow	1
9	102-0726	Nozzle, Main, #2, Blue	1
9	102-0727	Nozzle, Main, #3, Brown	1
9	102-0728	Nozzle, Main, #4, Orange	1
9	102-0729	Nozzle, Main, #5, Green	1
9	102-0730	Nozzle, Main, #6, Gray	1
9	102-0731	Nozzle, Main, #7, Black	1
9	102-0732	Nozzle, Main, #8, Red	1
10	102-2136	Nozzle Assembly, Inner, Low-Flow, Yellow	1
11	102-0609	Nozzle, Intermediate, Gray (Used with #1–2 main nozzles)	1
11	102-0610	Nozzle, Intermediate, Red (Used with #3–4 main nozzles)	1
11	102-0823	Nozzle, Intermediate, Beige (Used with #5–8 main nozzles)	1
12	35-6119	Snap Ring, Riser	1
13	363-4103	O-Ring, Body	1
14	102-0136	Retainer, Seal, 1.5"	1
15	102-0150	Spring, Return	1
16	89-6361	Riser Assembly, 880S	
17	102-2039	Support Ring	1
17	1		
	363-4092	O-Ring	1
19	102-2203	Drive Assembly, PC (Includes items 17 & 18)	1
19	102-2323	Drive Assembly, FC (Includes items 17 & 18)	1
20	89-1958	Stator Support	1
21	89-1957	Stator, Variable	1
22	89-1588	Screen, 860S/880S	1
23	3-3304	Snap Ring, Valve	1
24	102-0626	Cylinder Assembly	1
25	3-3323	Spring, Valve, Electric & Normally Open	1
25	3-3311	Spring, Valve, Check-O-Matic	1
26	89-0937	Piston Assembly, Electric	1
26	102-1866	Piston Assembly, Check-O-Matic & Normally Open	1
27	102-0785	Screen, Rock, Removable	1
28	102-1153	Body Assembly, Electric, ACME	1
28	102-1151	Body Assembly, Electric, BSP	1
28	102-1149	Body Assembly, Electric, NPT	1
28	102-1141	Body Assembly, Check-O-Matic, ACME	1
28	102-1139	Body Assembly, Check-O-Matic, BSP	1
28	102-1137	Body Assembly, Check-O-Matic, NPT	1
28	102-1147	Body Assembly, Normally Open, ACME	1
28	102-1145	Body Assembly, Normally Open, BSP	1
28	102-1143	Body Assembly, Normally Open, NPT	1
29	See p. 68	Pilot Valve Assembly,	1
-			
		SERVICE PARTS AND ASSEMBLIES	
	89-1010	Valve Assembly, Electric (Includes Items 24–26)	
	102-1119	Valve Assembly, Check-O-Matic (Includes Items 24–26)	
	102-1121	Valve Assembly, Normally Open (Includes Items 24–26)	
	102-2508	Cap, 880S, w/o Graphics	
	102-2509	Cap, 880S, w/o Graphics, Effluent	
	* 102-2552	Conversion Assy., 885S, 81–84, Ribbed Body	
	* 102-2553	Conversion Assy., 885S, 85–88, Ribbed Body	
	* 102-2554	Conversion Assy., 885S, 81–84, Ribless Body	
	* 102-2555	Conversion Assy., 885S, 85–88, Ribless Body	
		SERVICE TOOLS See Sprinkler Service Tools	
		* Order Through Finished Goods Distribution System – Minneapolis	

<b>Sprinkler</b>	<b>Service</b>	<b>Tools</b>
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Residential/Commercial		Golf, 1 Inch Body		Golf, 1.5 Inch Body	
Part No.	Nomenclature	Part No.	Nomenclature	Part No.	Nomenclature
	570 SERIES		ALL MODELS		ALL MODELS
89-6395	Riser Pull Up Tool		(630, 660, 730, 760)		(650, 670, 680, 750, 780)
89-7350	Adjustment Key	995-07	Valve Snap Ring Pliers	995-07	Valve Snap Ring Pliers
		995-08	Valve Removal Tool	995-09	Valve Removal Tool
	570Z PRX SERIES	995-15	Selector Tool (Flag Key)	995-10	Valve Insertion Tool
102-1777	X-Tool	995-49	Pressure Gauge	995-15	Selector Tool (Flag Key)
	S700 SERIES	995-50 995-51	Pitot Tube Pressure Gauge Kit	995-49 995-50	Pressure Gauge Pitot Tube
00 4075		993-31	(Includes 995-49 & 995-50)	995-51	Pressure Gauge Kit
89-1375	Nozzle Tool & Wrench	995-76	Valve Insertion Tool		(Includes 995-49 & 995-50)
	2001 SERIES		620 650156		CEO CEDIFO
89-4717	Adjustment Tool	995-06	630 SERIES Drive Assy. Extraction Tool	995-06	650 SERIES Drive Assy. Extraction Tool
995-83	Multi-Purpose Tool	995-16	Riser Pliers	995-07	Valve Snap Ring Pliers
		995-31	Hose Adapter	995-16	Riser Pliers
	S606 SERIES		·	995-31	Hose Adapter
995-58	Nozzle Tool Kit	00	660 SERIES	995-79	Nut Driver 7/16"
	640 SERIES	995-52	Nut Driver, 1/4"		(For Inner Nozzle)
005.5-		995-53 995-55	Nut Driver, 3/8" Riser Hold Up Tool		670 SERIES
995-07 995-08	Snap Ring Pliers Valve Removal Tool	995-83	Multi-Purpose Tool	995-07	Valve Snap Ring Pliers
995-06	Valve Insertion Tool		main raipses resi	""	Tanto onap i mig i more
995-37	Seal Installation Tool		730 SERIES		680 SERIES
995-42	Nozzle Canister Removal	995-55	Riser Hold Up Tool	995-52	Nut Driver, 1/4"
	Tool	995-83	Multi-Purpose Tool	995-53	Nut Driver, 3/8"
995-46	Cap Removal Tool	995-84	Riser Removal Tool	995-55 995-83	Riser Hold Up Tool Multi-Purpose Tool
			760 SERIES	993-03	Walti-Faipose 100i
005.07	740 SERIES	995-55	Riser Hold Up Tool		750 SERIES
995-07 995-08	Valve Snap Ring Pliers Valve Removal Tool	995-79	Nut Driver, 7/16"	995-55	Riser Hold Up Tool
995-52	Nut Driver, 1/4"		(For Inner Nozzle)	995-83	Multi-Purpose Tool
995-53	Nut Driver, 3/8"	995-80	Nut Driver, 1/2"	995-84	Riser Removal Tool
995-55	Riser Hold Up Tool	995-81	(For 363-3137 Jam Nut) Nut Driver, 9/16"		780 SERIES
995-76	Valve Insertion Tool	000 01	(For Main Nozzle)	995-55	Riser Hold Up Tool
996-06 995-83	Snap Ring Removal Tool	995-82	Arc Adjustment Tool, 3/32"	995-79	Nut Driver, 7/16"
990-00	Multi-Purpose Tool		(T-Handle Hex Wrench)		(For Inner Nozzle)
	V-1550 SERIES	995-83	Multi-Purpose Tool	995-80	Nut Driver, 1/2"
995-83	Multi-Purpose Tool	995-84	Riser Removal Tool	995-81	(For 363-3137 Jam Nut) Nut Driver, 9/16"
89-7350	Adjustment Key			000 01	(For Main Nozzle)
	,			995-82	Arc Adjustment Tool, 3/32"
					(T-Handle Hex Wrench)
				995-83	Multi-Purpose Tool Riser Removal Tool
				995-84	
				690 Se	ries
				Part No.	Nomenclature
				995-06	Drive Assy. Extraction Tool
				995-07	Valve Snap Ring Pliers
				995-09	Valve Removal Tool
				995-12	Valve Insertion Tool
				995-15 995-17	Selector Tool (Flag Key) Riser Pliers
				995-20	Valve Insertion Tool,
					Rubber Cover
				995-22	Hose Adapter
					Pressure Gauge
				990-01	(Includes 995-49 & 995-50)
					,
				995-20	Valve Insertion Rubber Cover Hose Adapter Pressure Gauge Pitot Tube Pressure Gauge