Form No. 380-0025 Rev A

TORO®

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Parts Catalog

780 Series Golf Sprinkler

Model No. 780 Series

Register at www.Toro.com.

Original Instructions (EN)

Ordering Replacement Parts

To order replacement parts, please supply the part number, the quantity, and the description of each part desired.

Understanding Reference Numbers

Each identified part in an illustration has a reference number. The reference number for a part also appears in the parts list, along with other information about the part.

This catalog uses two special reference number formats, one to indicate parts in a service assembly and another to indicate the quantity of a given part in an illustration.

Service Assembly Reference Numbers

Parts in service assemblies have reference numbers in the form a:b. The a represents the reference number of the entire service assembly and the b represents a sequential number unique to each part within the service assembly.

For example, a wheel assembly might be identified by reference number 6, the tire by 6:1, the valve by 6:2, and the wheel by 6:3. When you order the assembly identified by reference number 6, you receive all parts identified by reference numbers 6:1,6:2, and 6:3. However, you may also order any part individually. Reference numbers of this type appear in illustration and in parts lists.

Reference Numbers Indicating Quantity

In an illustration, if a reference number indicates more than one part, the reference number has the form nX y. The n represents the quantity of the part, the X is the multiplication symbol, and the y represents the reference number.

For example, in an illustration, the reference number 2X 37 means that two of the parts identified by reference number 37 are indicated.

List of Abbreviations

AR: as required

ASM: assembly

BBC: blade brake control

BHTF: button head thread forming

CARR: carriage

CCW: counter clockwise

CW: clockwise

DEG: degrees

DPA: Dual Point Adjustment

ECM: electronic control module

EXT: external

FH: flat head

GA: gauge

HD: heavy-duty

HF: hex flange

HH: hex head

HHF: hex head flange

HHFTF: hex head flange thread forming

HJ: hex jam

HLH: hex lag head

HOC: height-of-cut

HSBH: hex socket button head

HSFH: hex socket flat head

HSH: hex socket head

HWH: hex washer head

HWHTF: hex washer head thread forming

HYD: hydraulic

LH: left hand

LP: Liquid Propane

NI: nylon insert

NPTF: national pipe thread fine

PFH: phillips flat head

PPH: phillips pan head

PPHTF: phillips pan head thread forming

PRH: phillips round head

PTH: phillips truss head

PTO: power-take-off

RH: right hand

ROPS: roll-over protection system

RRB: rear roller brush

SFH: slotted fillister head

SHH: slotted hex head

SHWH: slotted hex washer head

SPH: slotted pan head

SQH: square head

SRH: slotted round head

STD: standard

TAP: self tapping

TTH: torx truss head

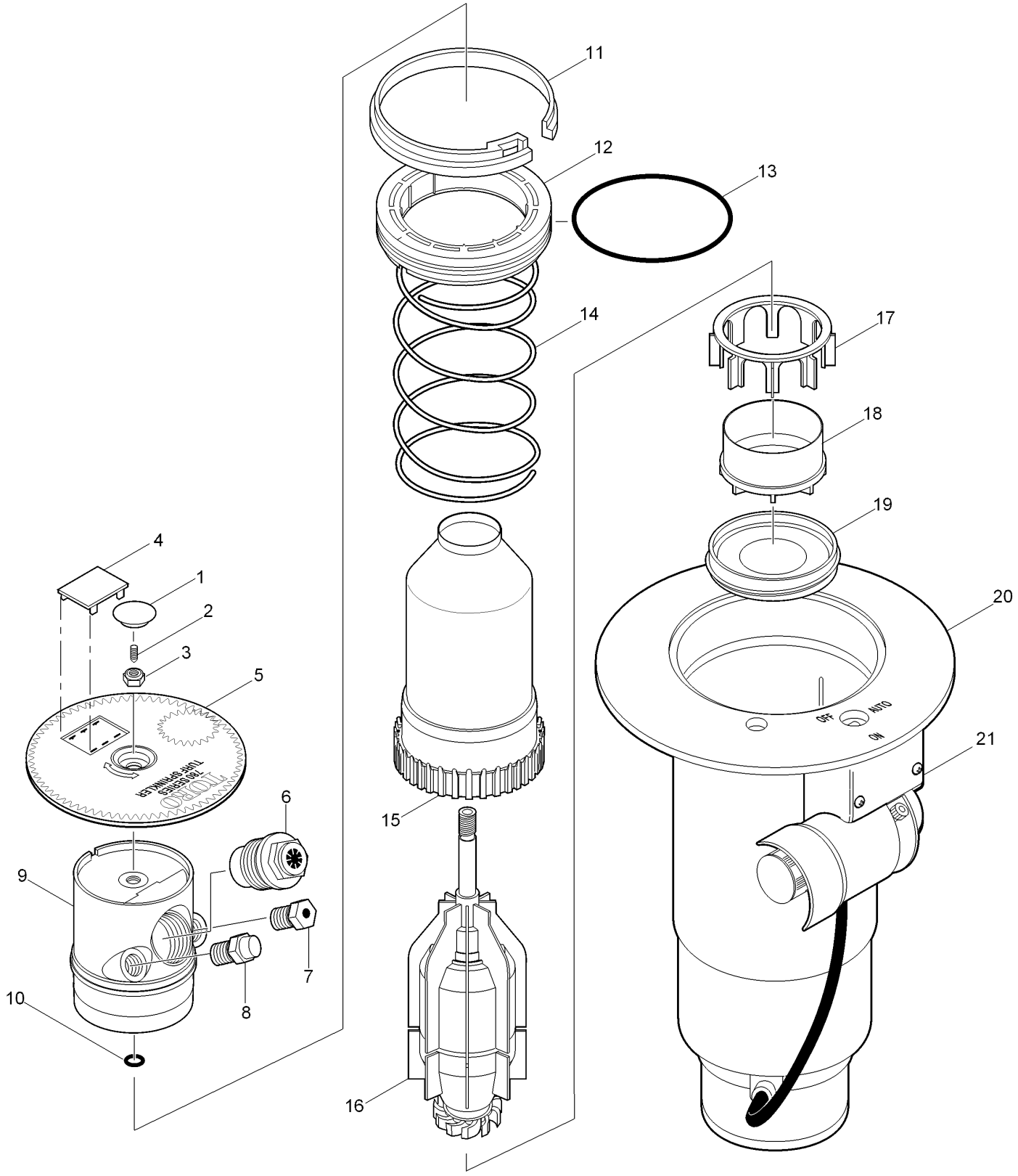
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780 Series Golf Sprinklers



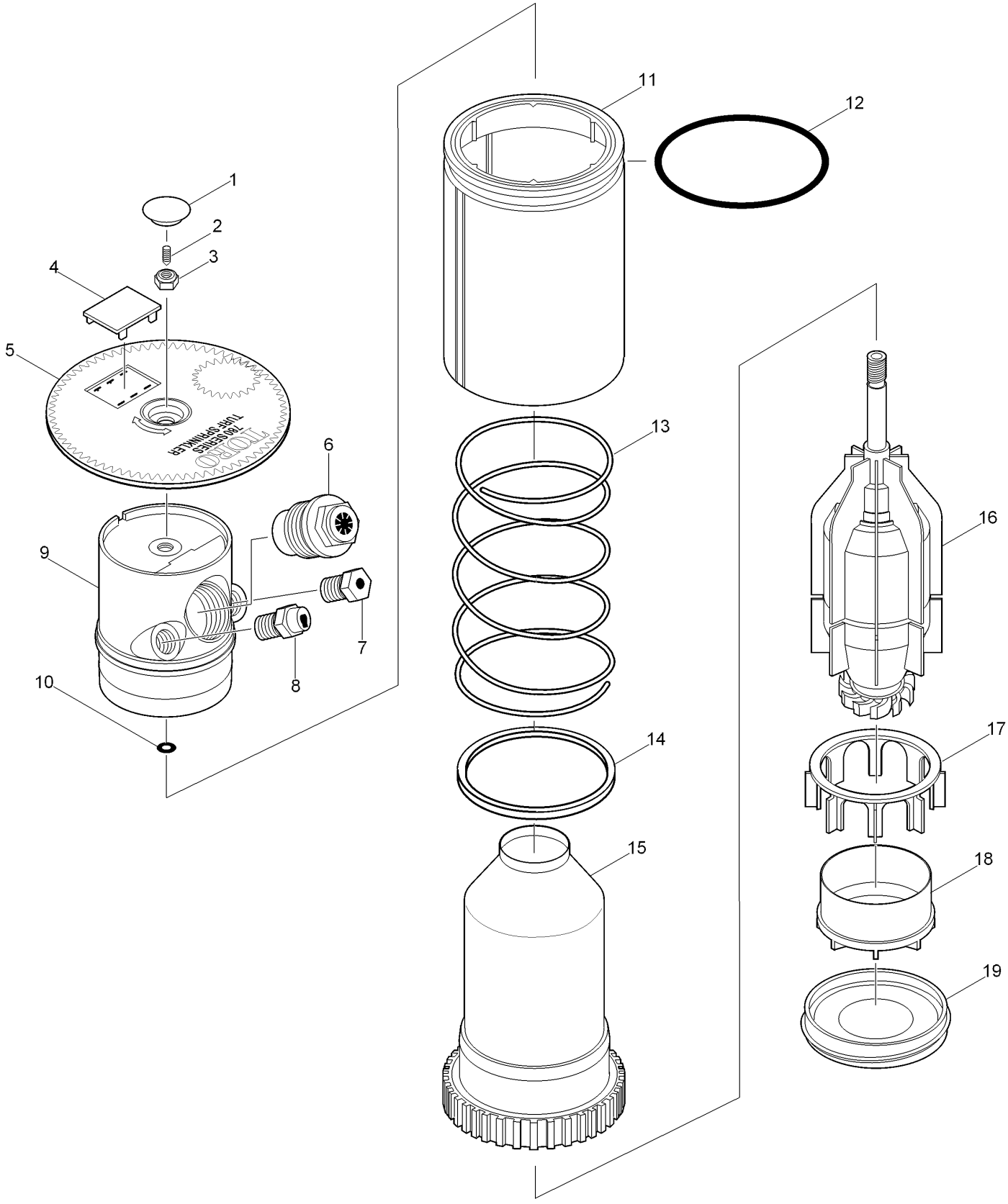
780 Series Golf Sprinklers (continued)

Ref.	Part Number	Qty.	Description
1	89-1220	1	Plug, Adjustment
2	363-3150	1	Screw, Set, 10-32 X .250 (Part Circle Only)
3	363-4039	1	Nut, 5/16-24, W/ Nylon Lock
4	89-1589	1	Plug, Cap (Black)
5	89-1584	1	Cap, 780
5	89-8288	1	Cap, Effluent
6	89-1925	1	Nozzle, Main, 62 Yellow
6	89-1926	1	Nozzle, Main, 63 Blue
6	89-1927	1	Nozzle, Main, 64 Brown
6	89-1928	1	Nozzle, Main, 65 Orange
6	89-1929	1	Nozzle, Main, 66 Green
6	89-1930	1	Nozzle, Main, 67 Gray
6	89-1931	1	Nozzle, Main, 68 Black
6	89-4655	1	Nozzle, Main, 89 Red
7	102-2925	1	Nozzle Assy. Intermediate, Blue (Used W/ #82 Yellow & #83 Blue Mains)
7	102-0608	1	Nozzle, Intermediate, Orange (Used W/ #84 Brown Main)
7	102-0609	1	Nozzle, Intermediate, Gray (Used W/ #85 Orange Main)
7	102-0610	1	Nozzle, Intermediate, Red (Use W/ #86 Green & #87 Gray Mains)
7	102-2929	1	Nozzle, Intermediate, Beige (Use W/ #88 Black & #89 Red Mains)
8	102-2980	1	Nozzle Assy. Inner, Red (W/ Restrictor)
9	89-1906	1	Nozzle Base Assy., 760/780
9	102-0057	1	Nozzle Base Assy., 760/780 W/Back Nozzle (Includes 89-3729 #85 Inner Nozzle & 89-4650 Restrictor)
10	360-0107	1	O-Ring (0.070 X 0.301 X 0.441)
11	35-6119	1	Snap Ring, Riser
12	102-0136	1	Retainer, Seal, 1.5"
13	363-4103	1	O-Ring, Body
14	89-6307	1	Spring, Return
15	89-6361	1	Riser Assembly, 880S
16	102-4497	1	Drive Assy., Part Circle (Pc), 12-Pack
16	102-4496	1	Drive Assy., Full Circle (Fc), 12-Pack
17	89-1958	1	Stator Support
18	89-1957	1	Stator, Variable
19	89-1588	1	Screen
20		1	Body Assy. (See Sprinkler Golf Body Assembly Section) ❍ ◆
21			Pilot Valve Assy. (See Pilot Valve Assembly Section) ❑ ◆
	363-3125		Plug, 1/2" Npt ● ▲
	102-0840		Nozzle, Inner/Intermediate, Blank, Red ● ▲
	89-4651		Nozzle, Inner, 82 Yellow (Pre-November 2003) ● ▲
	89-3942		Nozzle, Inner, 83 Blue (Pre-November 2003) ● ▲
	89-4652		Nozzle, Inner, 84 Brown (Pre-November 2003) ● ▲
	89-3729		Nozzle, Inner, 85 Orange (Pre-November 2003) ● ▲
	89-4653		Nozzle, Inner, 86 Green (Pre-November 2003) ● ▲
	89-1879		Nozzle, Inner, 87 Gray (Pre-November 2003) ● ▲
	89-4654		Nozzle, Inner, 88 Black (Pre-November 2003) ● ▲
	89-1878		Nozzle, Inner, 89 Red ● ▲
	89-4649		Restrictor, (82 & 83 Black) (Pre-November 2003) ● ▲
	89-4650		Restrictor, (84-89 White) (Pre-November 2003) ● ▲
	YARDMARKYEL10		Yardage Marker, Yellow (10-Sheets Per Pack) ● ▲
	YARDMARKLAV10		Yardage Marker, Lavender (For Non-Potable Water Applications) ● ▲
	995-09		Valve Removal Tool ■ ▲
	995-15		Selector Tool (Flag Key) ■ ▲
	995-55		Riser Hold-Up Tool ■ ▲
	995-79		Nut Driver, 7/16" (For Inner And Intermediate Nozzles) ■ ▲
	995-80		Nut Driver, 1/2" (For 363-4039 Lock Nut) ■ ▲
	995-81		Nut Driver, 9/16" (For Main Nozzle) ■ ▲
	995-82		Arc Adjustment Tool, 3/32" (T-Handle Hex Wrench) ■ ▲
	995-83		Multi-Purpose Tool ■ ▲
	995-85		Riser Removal Tool ■ ▲
	995-101		Valve Insertion Tool ■ ▲
	995-100		Valve Snap Ring Pliers With Screen Remover ■ ▲
	118-0954	1	Riser Hold-Up Tool, Red ■ ▲

● SERVICE ITEMS
▲ Not illustrated
❑ See Pilot Valve Assembly Section.

■ SERVICE TOOLS
◆ Not serviced separately
❍ See Golf Sprinkler Body Assembly Section.

780 Series Ribless Body Conversion Assembly



780 Series Ribless Body Conversion Assembly (continued)

Ref.	Part Number	Qty.	Description
1	89-1220	1	Plug, Adjustment
2	363-3150	1	Screw, Set, 10-32 X .250 (Part Circle Only)
3	363-4039	1	Nut, 5/16-24, W/ Nylon Lock
4	89-1589	1	Plug, Cap (Black)
5	89-1584	1	Cap, 780
5	89-8288	1	Cap, Effluent
6	89-1925	1	Nozzle, Main, 62 Yellow
6	89-1926	1	Nozzle, Main, 63 Blue
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6	89-1931	1	Nozzle, Main, 68 Black
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7	102-0609	1	Nozzle, Intermediate, Gray (Use W/ #84 Orange Main Nozzle)
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7	102-2929	1	Nozzle, Intermediate, Beige (Use W/ #88 Black & #89 Red Main Nozzles)
8	102-2980	1	Nozzle Assy. Inner, Red (W/ Restrictor)
9	89-1906	1	Nozzle Base Assy., 760/780
9	102-0057	1	Nozzle Base Assy., 760/780 W/Back Nozzle
10	360-0107	1	O-Ring (0.070 X 0.301 X 0.441)
11	89-7568	1	Sleeve, Retainer, O-Ring, Conversion
12	363-4103	1	O-Ring, Body
13	89-6307	1	Spring, Return
14	89-7569	1	Seal, Riser
15	89-6360	1	Riser Assembly
16	102-4497	1	Drive Assy., Part Circle (Pc), 12-Pack
16	102-4496	1	Drive Assy., Full Circle (Fc), 12-Pack
17	89-1958	1	Stator Support
18	89-1957	1	Stator, Variable
19	89-1588	1	Screen
	363-3125		Plug, 1/2" Npt ●▲
	102-0840		Nozzle, Inner/Intermediate, Blank, Red ●▲
	89-4651		Nozzle, Inner, 82 Yellow (Pre-November 2003) ●▲
	89-3942		Nozzle, Inner, 83 Blue (Pre-November 2003) ●▲
	89-4652		Nozzle, Inner, 84 Brown (Pre-November 2003) ●▲
	89-3729		Nozzle, Inner, 85 Orange (Pre-November 2003) ●▲
	89-4653		Nozzle, Inner, 86 Green (Pre-November 2003) ●▲
	89-1879		Nozzle, Inner, 87 Gray (Pre-November 2003) ●▲
	89-4654		Nozzle, Inner, 88 Black (Pre-November 2003) ●▲
	89-1878		Nozzle, Inner, 89 Red ●▲
	89-4649		Restrictor, (82 & 83 Black) (Pre-November 2003) ●▲
	89-4650		Restrictor, (84-89 White) (Pre-November 2003) ●▲
	995-09		Valve Removal Tool ■▲
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	995-55		Riser Hold-Up Tool ■▲
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	995-81		Nut Driver, 9/16" (For Main Nozzle) ■▲
	995-82		Arc Adjustment Tool, 3/32" (T-Handle Hex Wrench) ■▲
	995-83		Multi-Purpose Tool ■▲
	995-85		Riser Removal Tool ■▲
	995-101		Valve Insertion Tool ■▲
	995-100		Valve Snap Ring Pliers With Screen Remover ■▲
	118-0954	1	Riser Hold-Up Tool, Red ■▲

● SERVICE ITEMS
▲ Not illustrated

■ SERVICE TOOLS



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