Form No. 380-0026 Rev A

TORO®

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Parts Catalog

830S Golf Sprinkler Series

Model No. 830S

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

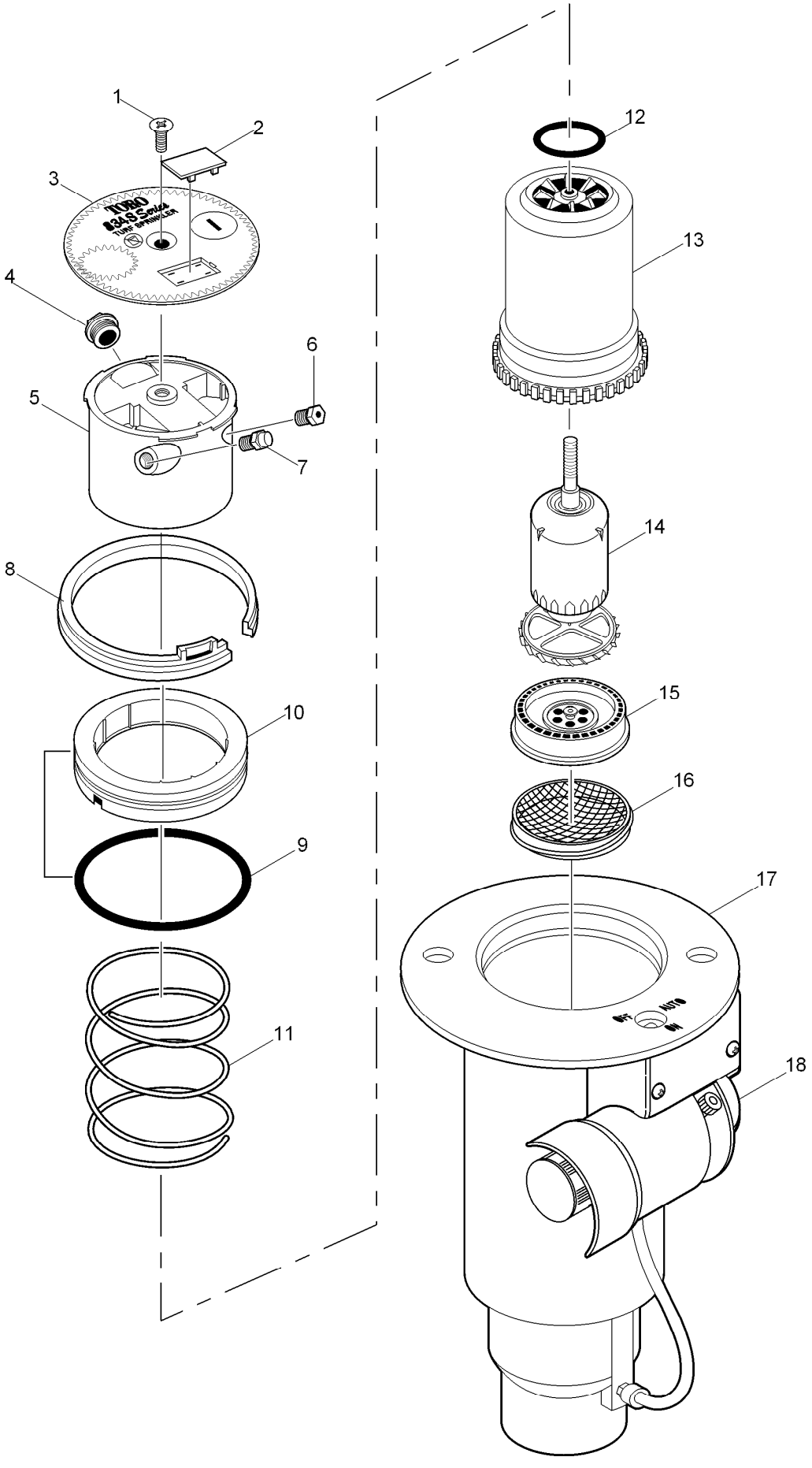
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834S Series Sprinkler - Pre-August 2007



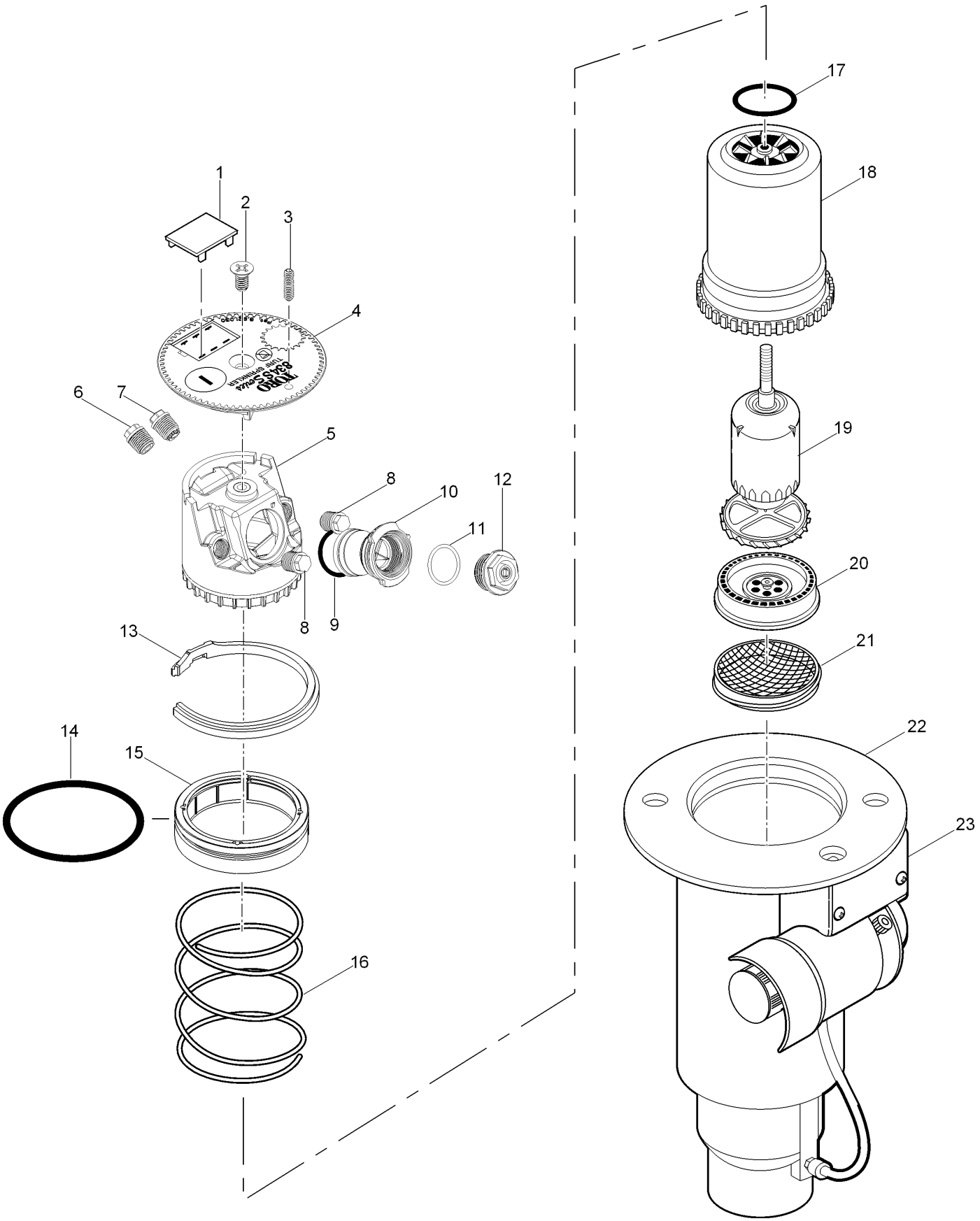
834S Series Sprinkler - Pre-August 2007 (continued)

Ref.	Part Number	Qty.	Description
1	102-0362	1	Screw, Cap
2	89-1589	1	Plug, Cap (Black)
3	102-0230	1	Cap, 834S
3	102-1703	1	Cap, 834S, Effluent
4	102-0725	1	Nozzle, Main, #1, Yellow
4	102-0726	1	Nozzle, Main, #2, Blue
4	102-0727	1	Nozzle, Main, #3, Brown
4	102-0728	1	Nozzle, Main, #4, Orange
4	102-0729	1	Nozzle, Main, #5, Green
4	102-0730	1	Nozzle, Main, #6, Gray
4	102-4261	1	Nozzle, Main, #7, Black
5	102-7406	1	Nozzle Base Kit, Dual Trajectory (Includes Items 1-5, 7-10 On 834S Present Models)
6	102-2105	1	Nozzle Assy. Intermediate, Blue (Used W/ #1 Yellow And #2 Blue Mains)
6	102-2106	1	Nozzle Assy. Intermediate, Orange (Used W/ #3 Brown & #4 Orange Mains)
6	102-2107	1	Nozzle Assy. Intermediate, Gray (Used W/ #5 Green & #6 Gray Mains)
6	102-2981	1	Nozzle Assy. Intermediate, Red (Used W/ #7 Black Main)
7	102-2980	1	Nozzle Assy. Inner, Red (W/ Restrictor)
8	89-1385	1	Snap Ring, Riser
9	363-4102	1	O-Ring, Paraffin As-568 232
10	102-0134	1	Retainer, Seal
11	102-0151	1	Spring, Return
12	363-4167	1	O-Ring, Nozzle Base
13	102-0202	1	Riser
14	102-4503	1	Drive Assembly, 12-Pack
15	102-1939	1	Stator Assembly, Low Flow, Yellow (Used W/ #1-#4 Mains)
15	102-1940	1	Stator Assembly, Medium Flow, White (Used W/ #5-#7 Mains)
16	102-1715	1	Screen, Riser
17		1	Body Assembly (See Golf Body Assembly Section) ❍◆
18		1	Pilot Valve Assembly (See Pilot Valve Assembly Section) ❑◆
	102-2208		Nozzle, Main, #0, Blank, White ●▲
	102-0840		Nozzle, Inner/Intermediate, Blank, Red ●▲
	102-2041		Restrictor, Yellow, Inner Nozzle ●▲
	102-4337	1	Stream Straightener, Intermediate Nozzle ● ▲
	102-2502		Cap, 834S, W/O Graphics ● ▲
	102-2503		Cap, 834S, W/O Graphics, Effluent ●▲
	YARDMARKYEL	10	Yardage Marker, Yellow (10-Sheets Per Pack) ●▲
	YARDMARKLAV	10	Yardage Marker, Lavender (For Non-Potable Water Applications) ●▲
	834S-3134		Conversion Assembly, 834S W/ #31, 32, 33, 34 Nozzles ◗▲
	834S-3134E		Conversion Assembly, 834S W/ #31, 32, 33, 34 Nozzles, Effluent (Lavender) ◗▲
	834S-3537		Conversion Assembly, 834S W/ #35, 36, 37 Nozzles ◗▲
	834S-3537E		Conversion Assembly, 834S W/ #35, 36, 37 Nozzles, Effluent (Lavender) ◗▲
	995-08		Valve Removal Tool ■▲
	995-15		Selector Tool (Flag Key) ■▲
	995-76		Valve Insertion Tool ■▲
	995-79		Nut Driver, 7/16" (For Inner And Intermediate Nozzles) ■▲
	995-83		Multi-Purpose Tool ■▲
	995-85		Riser Removal Tool ■▲
	995-99		Nut Driver, 5/8" (For Main Nozzle) ■▲
	995-100		Valve Snap Ring Pliers With Screen Remover ■▲
	995-102		Riser Hold-Up Tool, Universal ■▲
	118-0954	1	Riser Hold-Up Tool, Red ■▲

● SERVICE ITEMS
▲ Not illustrated
❑ See Pilot Valve Assembly Section.
◗ Order Through Finished Goods Distribution System - Minneapolis

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

834S Series Sprinkler - August 2007-Present



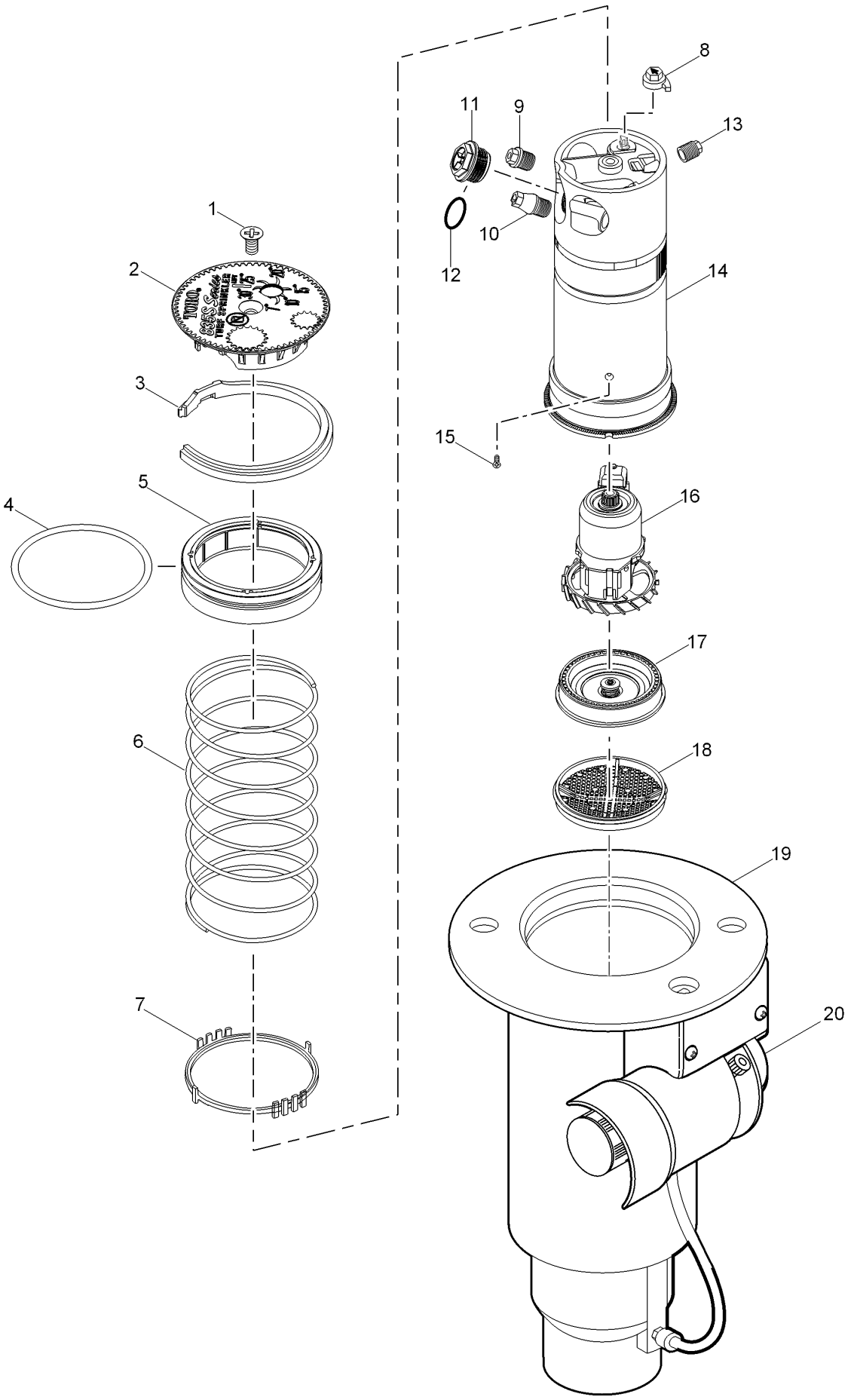
834S Series Sprinkler - August 2007-Present (continued)

Ref.	Part Number	Qty.	Description
1	89-1589	1	Plug, Cap (Black)
2	102-0362	1	Screw, Cap
3	363-4839	1	Radius Reduction Screw
4	102-5586	1	Cap, 834S
4	102-5590	1	Cap, 834S, Effluent
5	102-5837	1	Nozzle Base Assembly
6	102-2925	1	Intermediate Nozzle, Blue (Used W/ #1 Main)
6	102-2926	1	Intermediate Nozzle, Orange (Used W/ #2 Main)
6	102-2928	1	Intermediate Nozzle, Red (Used W/ #3 Main)
6	102-2929	1	Intermediate Nozzle, Beige (Used W/ #4 & #5 Mains)
6	102-6944	1	Intermediate Nozzle Assy., Red W/ Stream Straightener (Used W/ #6 Main)
6	102-6945	1	Intermediate Nozzle Assy., Gray W/ Stream Straightener (Used W/ #7 Main)
6	102-6883	1	Intermediate Nozzle, Brown (Used W/ #7 Main, Front Position On The Right Of Main)
7	102-6937	1	Nozzle Assy. Inner, Yellow Nozzle W/ Yellow Helical Restrictor
8	102-4335	2	Plug, Nozzle
9	102-5978	1	O-Ring, Nozzle Housing
10	102-5597	1	Nozzle Housing Assy. (Includes Item 9)
11	363-4978	1	O-Ring, Main Nozzle
12	102-0725	1	Nozzle, Main, #1, Yellow
12	102-7001	1	Nozzle, Main, #2, Blue
12	102-0727	1	Nozzle, Main, #3, Brown
12	102-7002	1	Nozzle, Main, #4, Orange
12	102-6908	1	Nozzle, Main, #5, Green
12	102-0730	1	Nozzle, Main, #6, Gray
12	102-4261	1	Nozzle, Main, #7, Black
13	89-1385	1	Snap Ring, Riser
14	363-4102	1	O-Ring, Paraffin As-568 232
15	102-0134	1	Retainer, Seal
16	102-0151	1	Spring, Return
17	363-4167	1	O-Ring, Nozzle Base
18	102-0202	1	Riser
19	102-4503	1	Drive Assembly, 12-Pack
20	102-6929	1	Stator, Low Flow, High Velocity, Blue (Used W/ #1-#4 Mains)
20	102-1940	1	Stator Assembly, Medium Flow, White (Used W/ #5-#7 Mains)
21	102-1715	1	Screen, Riser
22		1	Body Assembly (See Golf Sprinkler Body Assembly Section) ◆
23		1	Pilot Valve Assembly (See Pilot Valve Assembly Section) ◆
	102-2208		Nozzle, Main, #0, Blank, White ●▲
	102-5672		Cap, Blank ●▲
	102-5673		Cap, Blank, Effluent ●▲
	YARDMARKYEL	10	Yardage Marker, Yellow (10-Sheets Per Pack) ●▲
	YARDMARKLAV	10	Yardage Marker, Lavender (For Non-Potable Water Applications) ●▲
	834S-3134		Conversion Assembly, 834S W/ #31, 32, 33, 34 Nozzles ❑▲
	834S-3134E		Conversion Assembly, 834S W/ #31, 32, 33, 34 Nozzles, Effluent (Lavender) ❑▲
	834S-3537		Conversion Assembly, 834S W/ #35, 36, 37 Nozzles ❑▲
	834S-3537E		Conversion Assembly, 834S W/ #35, 36, 37 Nozzles, Effluent (Lavender) ❑▲
	995-08		Valve Removal Tool ■▲
	995-76		Valve Insertion Tool ■▲
	995-15		Selector Tool (Flag Key) ■▲
	995-99		Nut Driver, 5/8" (For Main Nozzle) ■▲
	995-105		Nut Driver, 5/16" (For Inner & Intermediate Nozzles And Plugs) ■▲
	995-83		Multi-Purpose Tool ■▲
	995-85		Riser Removal Tool ■▲
	995-100		Valve Snap Ring Pliers With Screen Remover ■▲
	995-102	1	Riser Hold-Up Tool, Universal ■▲
	118-0954	1	Riser Hold-Up Tool, Red ■▲

● SERVICE ITEMS
▲ Not illustrated
❑ Order Through Finished Goods Distribution System - Minneapolis

■ SERVICE TOOLS
◆ Not serviced separately

835S Series Sprinklers

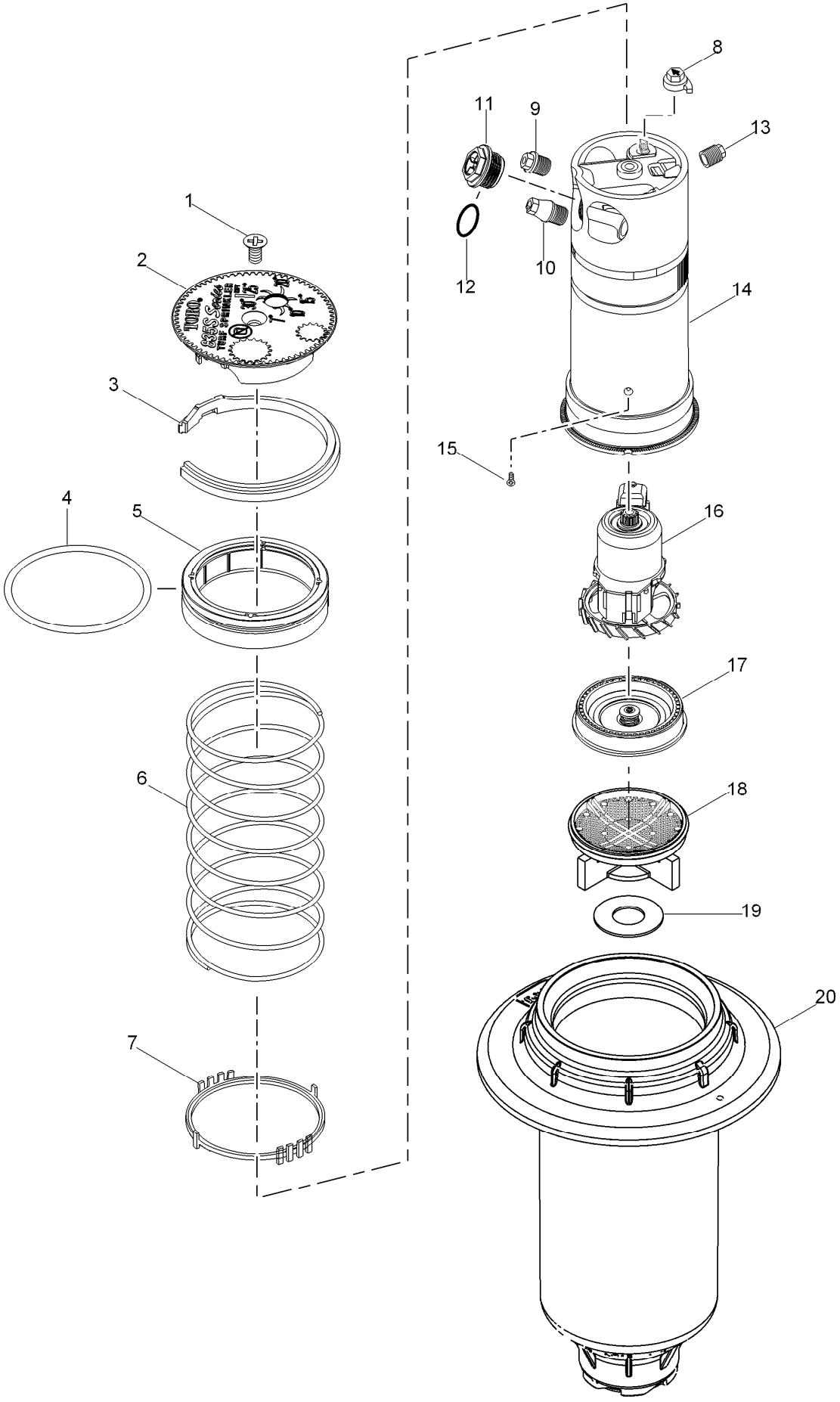


835S Series Sprinklers (continued)

Ref.	Part Number	Qty.	Description
1	102-6138	1	Screw, Cap, Black
2	102-2295	1	Cap, 835S
2	102-2493	1	Cap, Effluent, 835S
3	89-1385	1	Snap Ring, Riser
4	363-4102	1	O-Ring, Paraffin As-568 232
5	102-0134	1	Retainer, Seal
6	102-0151	1	Spring, Return
7	102-2619	1	Ratchet Ring, 1"
8	102-5971	1	Trajectory Adjuster
9	102-2925	1	Intermediate Nozzle, Blue (Used W/ #1, #5 & #6 Mains)
9	102-2926	1	Intermediate Nozzle, Orange (Used W/ #3, #4 & #7 Mains)
9	102-2928	1	Intermediate Nozzle, Red (Used W/ #2 Main)
10	102-2910	1	Nozzle Assembly, Inner
11	102-2208		Nozzle, Main, #0, Blank, White
11	102-4587	1	Nozzle, Main, #1, Yellow
11	102-4588	1	Nozzle, Main, #2, Blue
11	102-4589	1	Nozzle, Main, #3, Brown
11	102-0728	1	Nozzle, Main, #4, Orange
11	102-0729	1	Nozzle, Main, #5, Green
11	102-0730	1	Nozzle, Main, #6, Gray
11	102-4261	1	Nozzle, Main, #7, Black
12	363-4978	1	O-Ring, Main Nozzle
13	102-4335	1	Plug, Nozzle
14	102-2892	1	Riser Assembly
15	363-4236	1	Screw, Drive
16	102-4504	1	Drive Assy., 12-Pack
17	102-6929		Stator, Low Flow, High Velocity, Blue (Used W/ #0 Main)
17	102-1939	1	Stator Assembly, Low Flow, Yellow (Used W/ #1-#4 Mains)
17	102-1940	1	Stator Assembly, Medium Flow, White (Use W/ #5-#7 Mains)
18	102-1715	1	Screen, Riser
19		1	Body Assembly (See Golf Sprinkler Body Assembly Section) ❍ ◆
20		1	Pilot Valve Assembly (See Pilot Valve Assembly Section) ❑ ◆
	102-2041		Restrictor, Yellow, Inner Nozzle ● ▲
	102-4337		Stream Straightener, Intermediate Nozzle ● ▲
	102-2494		Cap, Blank, 835S ● ▲
	102-2495		Cap, Blank, Effluent, 835S ● ▲
	YARDMARKYEL	10	Yardage Marker, Yellow (10-Sheets Per Pack) ● ▲
	YARDMARKLAV	10	Yardage Marker, Lavender (For Non-Potable Water Applications) ● ▲
	835S-3134		Conversion Assy., 835S W/ #31, 32, 33, 34 Nozzles ◗ ▲
	835S-3134E		Conversion Assy., 835S W/ #31, 32, 33, 34 Nozzles, Effluent ◗ ▲
	835S-3537		Conversion Assy., 835S W/ #35, 36, 37 Nozzles ◗ ▲
	835S-3537E		Conversion Assy., 835S W/ #35, 36, 37 Nozzles, Effluent ◗ ▲
	995-08		Valve Removal Tool ■ ▲
	995-15		Selector Tool (Flag Key) ■ ▲
	995-76		Valve Insertion Tool ■ ▲
	995-83		Multi-Purpose Tool ■ ▲
	995-85		Riser Removal Tool ■ ▲
	995-99		Nut Driver, 5/8" (For Main Nozzle) ■ ▲
	995-105		Nut Driver, 5/16" (For Inner & Intermediate Nozzles And Plugs) ■ ▲
	995-100		Valve Snap Ring Pliers With Screen Remover ■ ▲
	995-102		Riser Hold-Up Tool, Universal ■ ▲
	118-0954	1	Riser Hold-Up Tool, Red ■ ▲

● SERVICE ITEMS
▲ Not illustrated
❑ See Pilot Valve Assembly Section.
◗ Order Through Finished Goods Distribution System - Minneapolis
■ SERVICE TOOLS
◆ Not serviced separately
❍ See Golf Sprinkler Body Assembly Section.

835B Series Sprinkler



835B Series Sprinkler (continued)

Ref.	Part Number	Qty.	Description
1	102-6138	1	Screw, Cap, Black
2	102-2295	1	Cap, 835S
2	102-2493	1	Cap, Effluent, 835S
3	89-1385	1	Snap Ring, Riser
4	363-4102	1	O-Ring, Paraffin As-568 232
5	102-0134	1	Retainer, Seal
6	102-0151	1	Spring, Return
7	102-2619	1	Ratchet Ring, 1"
8	102-5971	1	Trajectory Adjuster
9	102-2925	1	Intermediate Nozzle, Blue (Use W/ #1, #5, #6 & #8 Mains)
9	102-2926	1	Intermediate Nozzle, Orange (Use W/ #3, #4 & #7 Mains)
9	102-2928	1	Intermediate Nozzle, Red (Use W/ #2 Main)
10	102-2910	1	Nozzle Assembly, Inner
11	102-2208	1	Nozzle, Main, #0, Blank, White
11	102-4587	1	Nozzle, Main, #1, Yellow
11	102-4588	1	Nozzle, Main, #2, Blue
11	102-4589	1	Nozzle, Main, #3, Brown
11	102-0728	1	Nozzle, Main, #4, Orange
11	102-0729	1	Nozzle, Main, #5, Green
11	102-0730	1	Nozzle, Main, #6, Gray
11	102-4261	1	Nozzle, Main, #7, Black
11	102-4260	1	Nozzle, Main, #8, Red
12	363-4978	1	O-Ring, Main Nozzle
13	102-4335	1	Plug, Nozzle
14	102-2892	1	Riser Assembly
15	363-4236	1	Screw, Drive
16	102-4504	1	Drive Assy., 12-Pack
17	102-6929	1	Stator, Low Flow, High Velocity, Blue ((Use W/ #0 Main)
17	102-1939	1	Stator Assembly, Low Flow, Yellow (Use W/ #1-#4 Mains)
17	102-1940	1	Stator Assembly, Medium Flow, White (Use W/ #5-#8 Mains)
18	102-5152	1	Screen, Riser, W/ Check Seal Holder
19	102-7437	1	Seal, Check
20	102-7419	1	Body, Npt
20	102-7420	1	Body, Bsp
20	102-7421	1	Body, Acme
	102-2041		Restrictor, Yellow, Inner Nozzle ●▲
	102-4337	1	Stream Straightener, Intermediate Nozzle ● ▲
	102-2494		Cap, Blank, 835S ●▲
	102-2495		Cap, Blank, Effluent, 835S ●▲
	995-83		Multi-Purpose Tool ■▲
	995-85		Riser Removal Tool ■▲
	995-99		Nut Driver, 5/8" (For Main Nozzle) ■▲
	995-105		Nut Driver, 5/16" (For Inner & Intermediate Nozzles And Plugs) ■▲
	995-102		Riser Hold-Up Tool, Universal ■▲
	118-0954	1	Riser Hold-Up Tool, Red ■▲

● SERVICE ITEMS
▲ Not illustrated

■ SERVICE TOOLS



Count on it.