



Count on it.

Parts Catalog

Large Commercial Rotors, Parts Breakout

Model No. —Serial No. and Up

Model No. T-P2S—Serial No. 0000001 and Up

Model No. TS120—Serial No. 0000001 and Up

Model No. TS121—Serial No. 0000001 and Up

Model No. TS170V—Serial No. 0000001 and Up

Model No. TS171—Serial No. 0000001 and Up

Model No. TS80 SERIES—Serial No. 0000001 and Up

Model No. TS90 SERIES—Serial No. 0000001 and Up



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.

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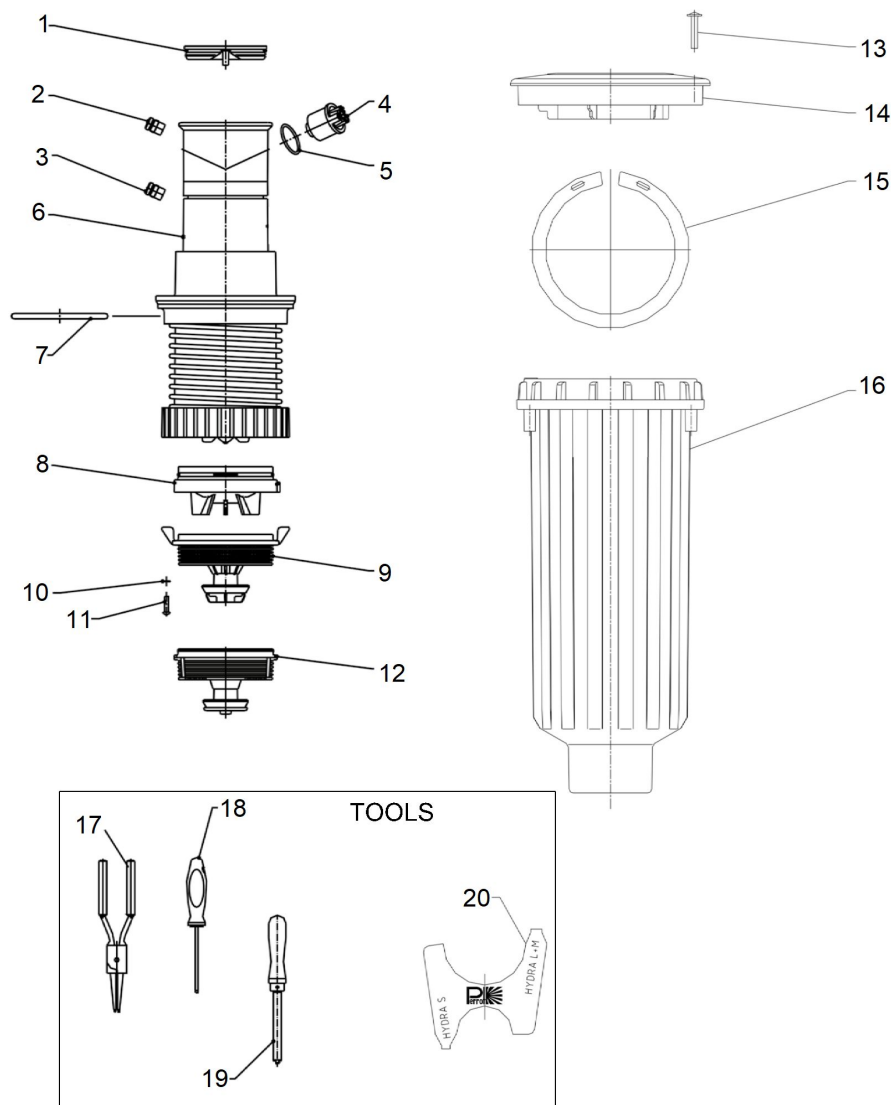
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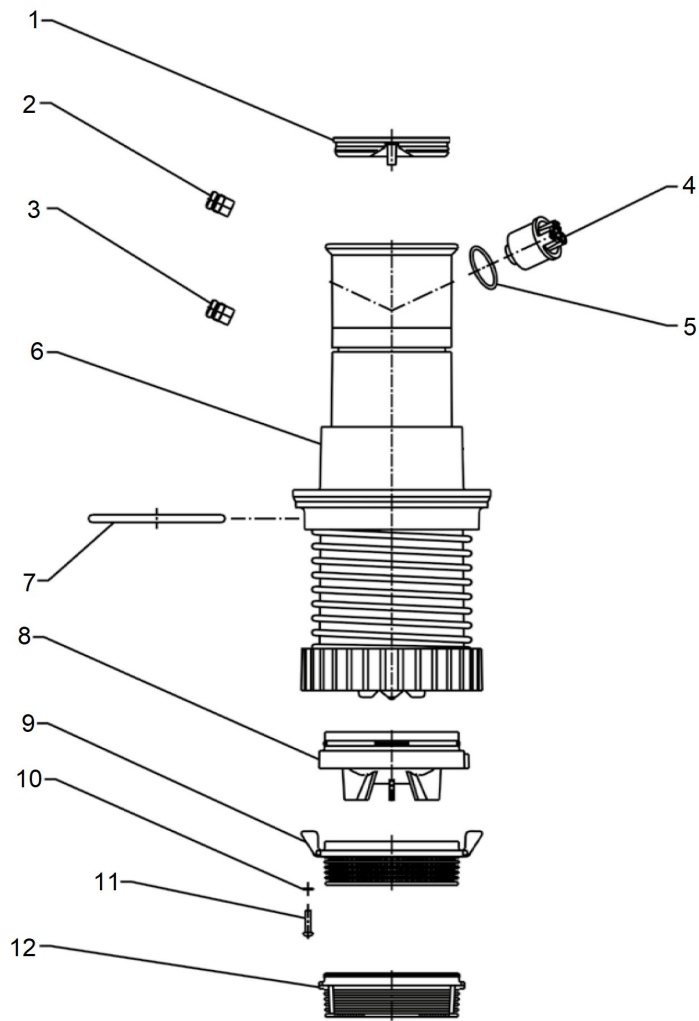
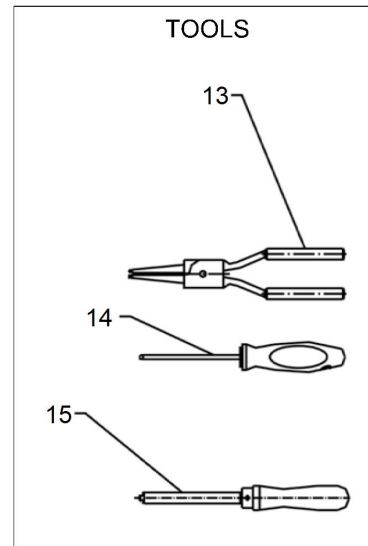
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TS80 Rotors, Block Style

Ref.	Part Number	Qty.	Description
1	RT14365	1	Ts80 Cover, Part Circle
1	RT14393	1	Ts80 Cover, Full Circle
2	RT14441	1	Secondary Nozzle, Plug
3	RT14440	1	Secondary Nozzle, 4.2 Mm
4	RB14661	1	Ts80-S Nozzle, 4.0 Mm
4	RB14662	1	Ts80-S Nozzle, 5.0 Mm
4	RB14663	1	Ts80-S Nozzle, 6.0 Mm
4	RB14664	1	Ts80-S Nozzle, 7.0 Mm
4	RB14665	1	Ts80-S Nozzle, 8.0 Mm
4	RB14666	1	Ts80-S Nozzle, 9.0 Mm
5	ZK93780	1	O-Ring, 17X1.5 Mm
6	RB14401	1	Ts80 Insert, Part Circle
6	RB14400	1	Ts80 Insert, Full Circle
6	RB14400	1	Ts80 Insert, Full Circle
7	ZK24119	1	O-Ring, 72.39X5.33 Mm

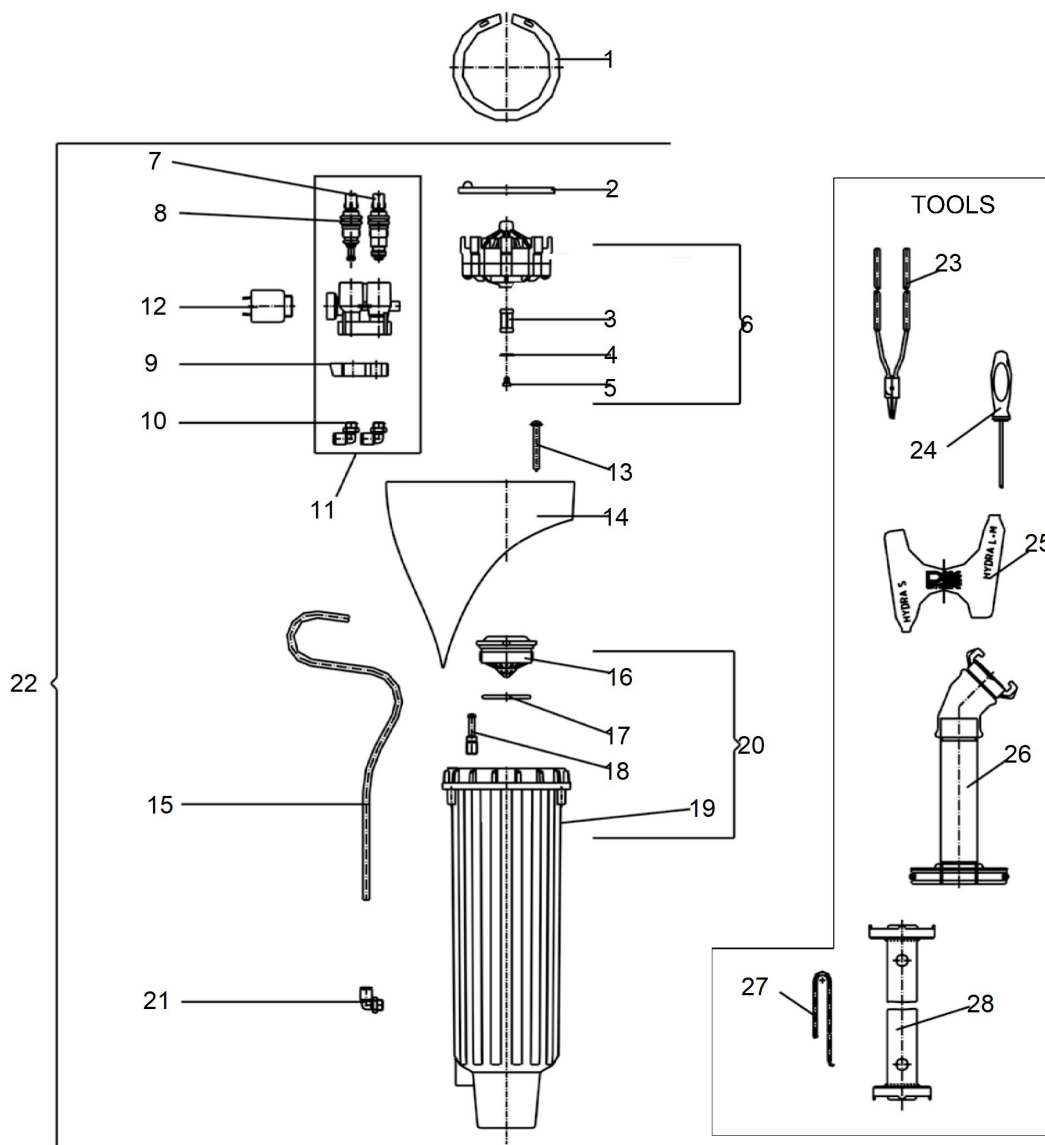
Ref.	Part Number	Qty.	Description
8	RT14317	1	Inflow Nozzle, Ts80
9	RB14405	1	Stop Valve
10	ZK93284	1	2.5 Din 433/ISO 7092 - V2A Shim
11	ZK93268	1	Torx Screw, 25X10Mm
12	RB14403	1	Ts80 H Stop Valve
13	ZK93275	1	4.0X20 Mm Fillister Head Screw, Tx
14	RT14390	1	Ts80 Housing Cover
15	RT14356	1	Snap Ring, Riser
16	RB14391	1	Ts80 Housing, 1"
17	ZB98276	1	Snap Ring Pliers
18	ZB17887	1	Torx Screw Driver
19	RT14333	1	Ts80-S Nozzle Key
20	RT14031	1	Safety Clip



TS80 Rotors, Valve-in-Head

Ref.	Part Number	Qty.	Description
1	RT14393	1	Ts80 Cover, Full Circle
1	RT14365	1	Ts80 Cover, Part Circle
2	RT14441	1	Secondary Nozzle, Plug
3	RT14440	1	Secondary Nozzle, 4.2 Mm
4	RB14661	1	Ts80-S Nozzle, 4.0 Mm
4	RB14662	1	Ts80-S Nozzle, 5.0 Mm
4	RB14663	1	Ts80-S Nozzle, 6.0 Mm
4	RB14664	1	Ts80-S Nozzle, 7.0 Mm
4	RB14665	1	Ts80-S Nozzle, 8.0 Mm
4	RB14666	1	Ts80-S Nozzle, 9.0 Mm
5	ZK93780	1	O-Ring, 17X1.5 Mm
6	RB14400	1	Ts80 Insert, Full Circle

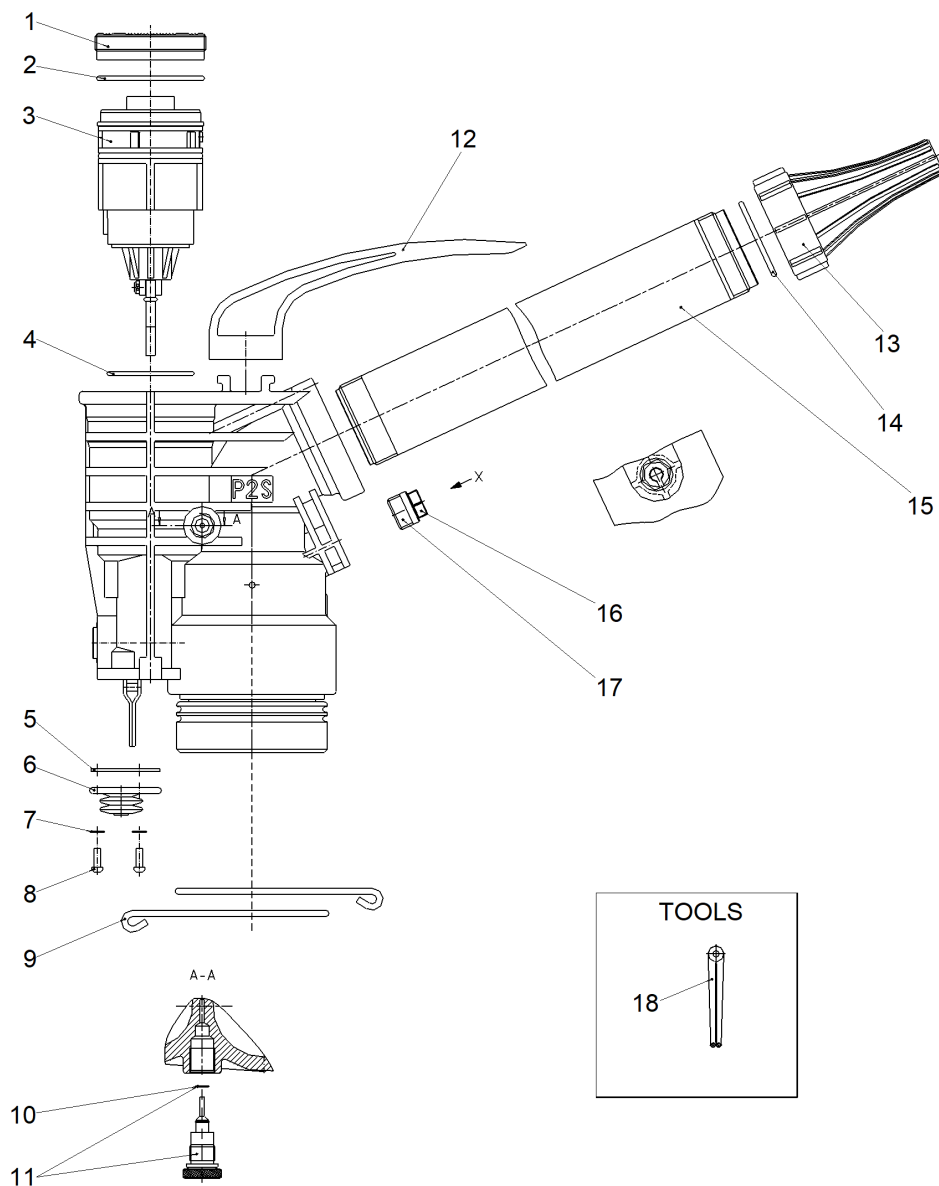
Ref.	Part Number	Qty.	Description
6	RB14401	1	Ts80 Insert, Part Circle
7	ZK24119	1	O-Ring, 72.39X5.33 Mm
8	RT14317	1	Inflow Nozzle, Ts80
9	rt13987	1	Screen, Riser
10	ZK93284	1	2.5 Din 433/ISO 7092 - V2A Shim
11	ZK93268	1	Torx Screw, 25X10Mm
12	RT14369	1	Strainer, Sprinkler Insert
13	ZB98276	1	Snap Ring Pliers
14	ZB17887	1	Torx Screw Driver
15	RT14333	1	Ts80-S Nozzle Key



TS80 Rotors Body, Valve-in-Head

Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
1	RT14356	1	Snap Ring, Riser	14	RT14395	1	Protection Housing
2	RT14381	1	Snap Ring F, Ts80	15	RT14428	1	Pipe
3	ZK94280	1	Pipe Screen	16	RT14379	1	Coarse Filter, Blue
4	ZK93034	1	Brass Disk, 4.3 Mm	17	ZK93709	1	O-Ring, Dia. 44X3 Mm
5	ZK93091	1	M 4X5 Crossed Fillister Head Screw	18	RB14421	1	Connecting Bolt Assy.
6	RB14402	1	Ts80-S Valve Insert (Includes Items 3, 4 & 5)	19		1	Sprinkler Body ●
7	RB16719	1	Pressure Regulator Assy.	20	RB14350	1	Sprinkler Housing (Includes Items 16-19.)
8	RB16729	1	Manual Control Assy.	21	ZK94212	1	Angle Screw Connection
9	RT14351	1	Retain Plate, Pressure Regulator Valve	22	RB14420	1	Valve Housing Assy. (Includes Items 2, 6, 11, 13, 14, 15, 20 & 21.)
10	ZK94212	1	Angle Screw Connection	23	RT17844	1	Snap Ring Pliers
11	RB14399	1	Pressure Regulating Valve (Includes Items 7 Or 8, 9 & 10.)	24	ZB98289	1	Torx Screw Driver, T20
12	RB16784	1	Solenoid, AC Assy.	25	RT14031	1	Safety Clip
13	ZK93272	1	3.5X30 Fillister Head Screw	26	RT14934	1	Flush Unit
				27	RT17839	1	Hook For Removing Snap Rings
				28	RT14930	1	Coarse Filter Key

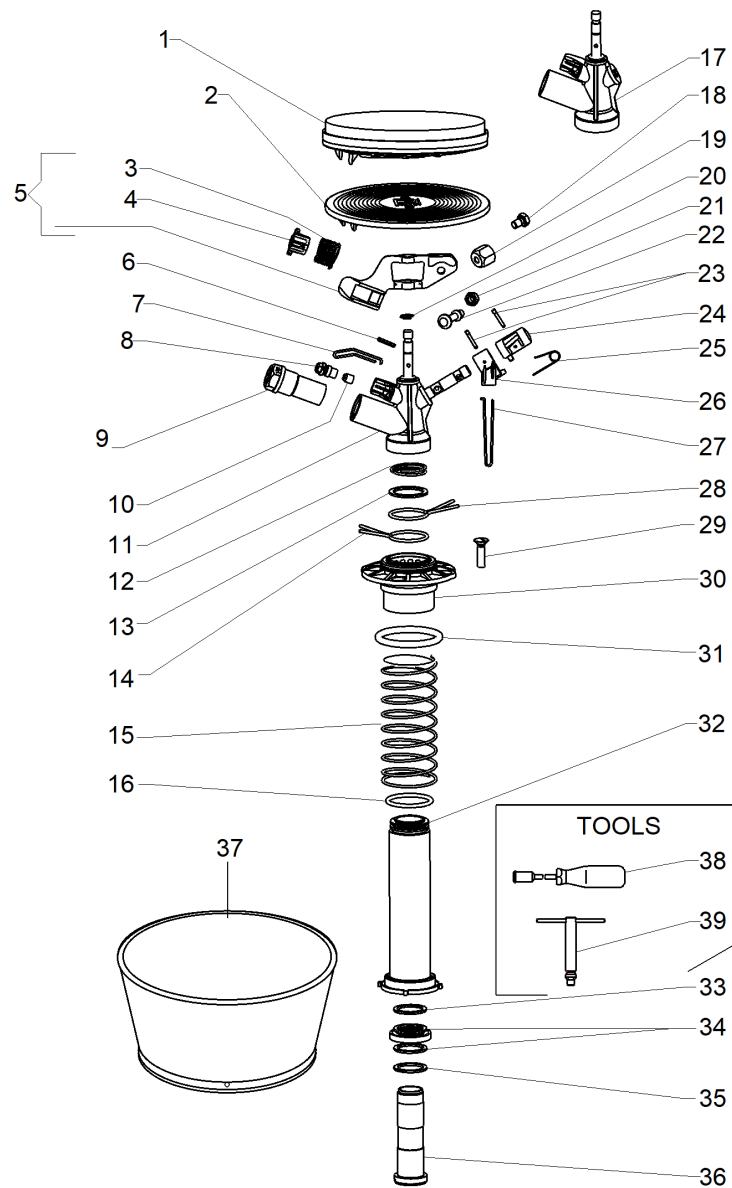
● Not serviced separately



T-P2S Turf Gun Sprinklers

Ref.	Part Number	Qty.	Description
1	RT25220	1	Locking Elbow Cover
2	ZK94317	1	O-Ring, 62X3 Mm
3	RB25355	1	Piston Drive
4	ZK93738	1	O-Ring, 2.5X50 Mm
5	RT25214	1	Sealing Sheet, Elbow
6	ZK25218	1	Bellow/Elbow
7	ZK93216	2	Disk
8	ZK93273	2	4X12 Pan Head Screw
9	ZK25124	2	Spring, Stop
10	ZK93219	1	Shaft Ring
11	RB24819	1	Regulator, Screw Mounted
12	RT25213	1	Handle

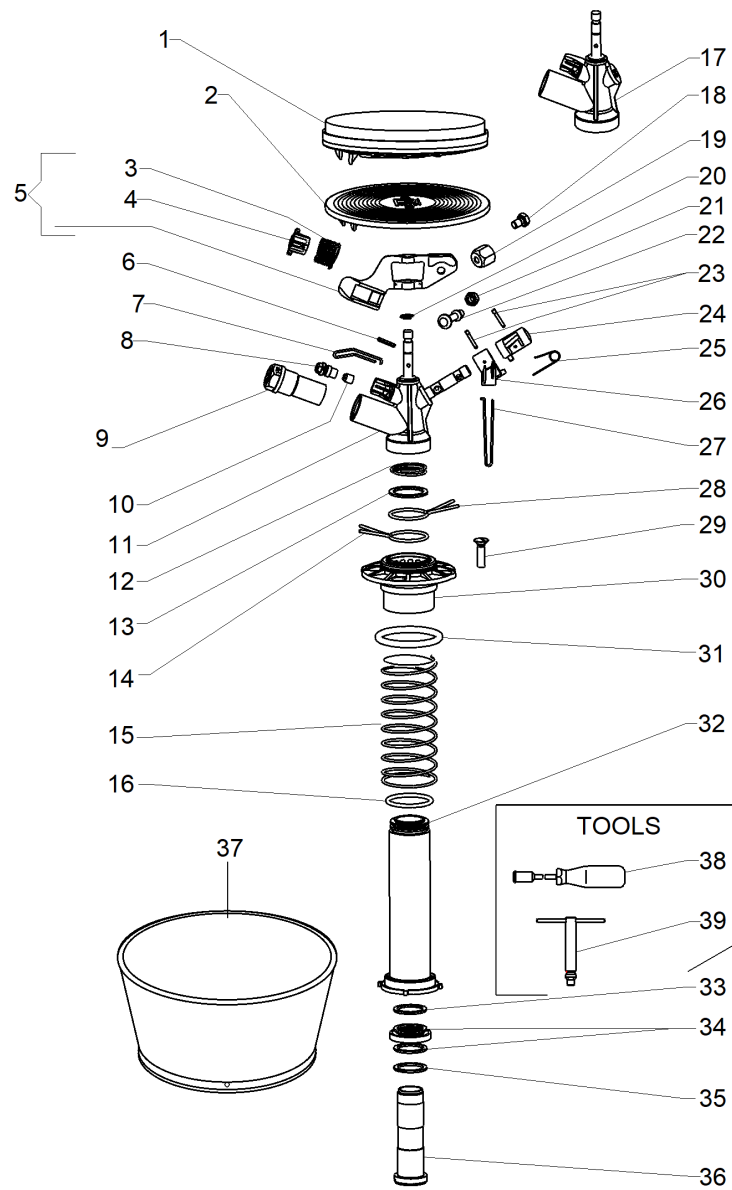
Ref.	Part Number	Qty.	Description
13	RT25150	1	Main Nozzle, 14Mm
13	RT25151	1	Main Nozzle, 16Mm
13	RT25152	1	Main Nozzle, 18Mm
13	RT25153	1	Main Nozzle, 20Mm
13	RT25154	1	Main Nozzle, 22Mm
13	RT25155	1	Main Nozzle, 24Mm
14	ZK93715	1	O-Ring, 52X3 Mm
15	RT25273	1	Jet Pipe
16	RT24901	1	Secondary Nozzle, 7Mm Elbow (Pla)
17	RT24903	1	Plug, Single Nozzle
18	ZB98236	1	Face Hole Key



TS120 and TS121 Impact Rotors

Ref.	Part Number	Qty.	Description
1	RB17562	1	Lid, Complete Assy.
2	RB17618	1	Lid, Black, Fully Assembled
3	ZK17504	1	Torsion Spring, 1.3Mm
4	RT28312	1	Spring
5	RB17500	1	Impact, Lever (Includes Torsion Spring And Spring Bearing)
6	ZK28517	1	Clamping Sleeve
7	ZK94463	1	Jet Dist Wire
8	RT17551	1	Nozzle, 5Mm
9	RT17463	1	Main Nozzle, 7Mm
9	RT17464	1	Main Nozzle, 8Mm
9	RT17465	1	Main Nozzle, 9Mm
9	RT17466	1	Main Nozzle, 10Mm
9	RT17467	1	Main Nozzle, 11Mm
9	RT17468	1	Main Nozzle, 12Mm
9	RT17469	1	Main Nozzle, 13Mm
9	RT17470	1	Main Nozzle, 14Mm
9	RT17471	1	Main Nozzle, 15Mm
9	RT17472	1	Main Nozzle, 16Mm
9	RT17473	1	Main Nozzle, 17Mm

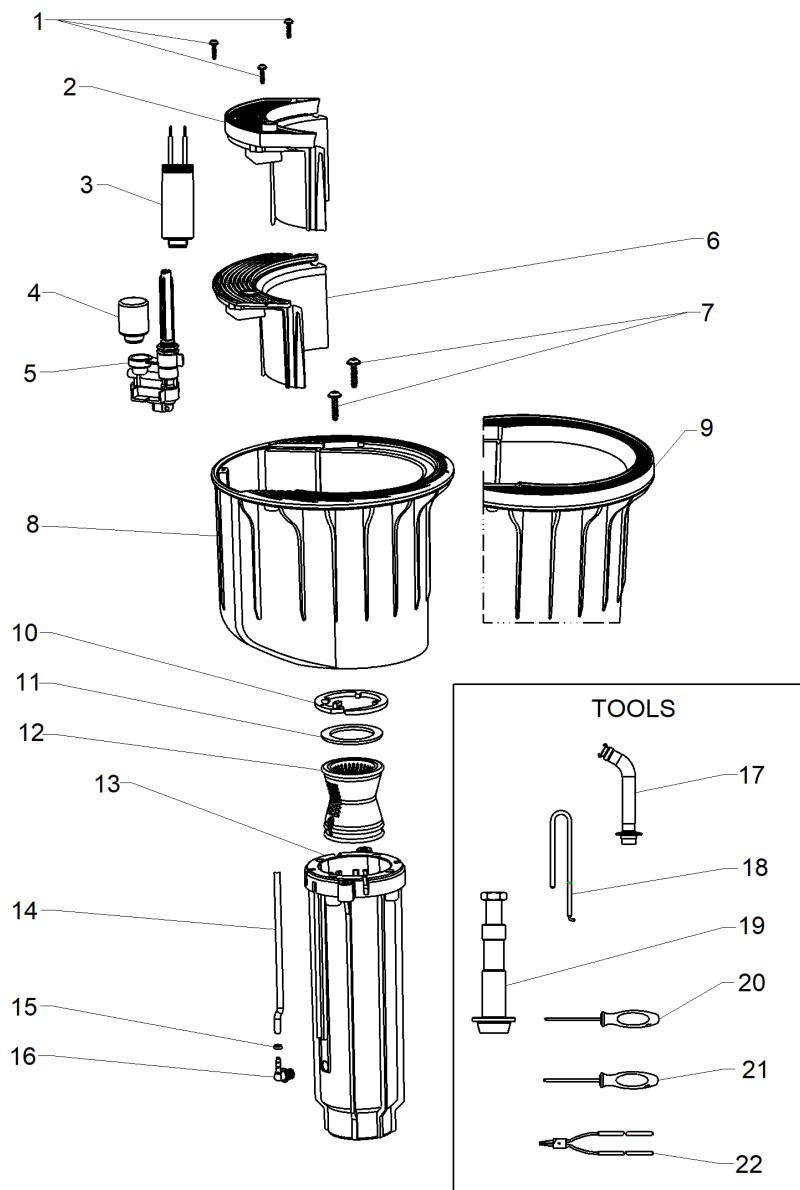
Ref.	Part Number	Qty.	Description
10	RT17535	1	Jet Straightener
11	RB17576	1	Elbow With Axis
12	ZK17526	1	Bearing, Spring, 2.2Mm
13	ZK17528	1	Gasket For Bearing Spring
14	ZK17552	2	Spring Stop
15	ZK17697	1	Compression Spring
16	ZK93421	1	O-Ring, 44X4Mm
17	RB17575	1	Elbow With Axis
18	ZK93145	1	M 8X12 Hex Bolt
19	RT17566	1	Balance Weight
20	ZK93134	1	Retaining Disc
21	ZK93138	1	M8, Nut
22	RT82539	1	Catch Bolt
23	RT16380	2	Shift Pin
24	RT17546	1	Shift Roller
25	ZK17547	1	Switching Spring
26	RT17544	1	Switching Spring Bearing
27	ZK17539	1	Leg Spring
28	ZK17552	2	Spring Stop
29	ZK93600	1	Flat Head Screw, M8X30
30	RB17476	1	Guide



TS120 and TS121 Impact Rotors (continued)

Ref.	Part Number	Qty.	Description
31	ZK94278	1	O-Ring, 60X7Mm
32	RB17480	1	Slide, Pipe
33	ZK28302	1	Gasket, 36X28.7X2Mm
34	ZK28303	1	Gasket, 36X28.7X2Mm
35	ZK28302	1	Gasket, 36X28.7X2Mm

Ref.	Part Number	Qty.	Description
36	RT28515	1	Pipe, Axis
37	RB17617	1	Lid, Turf Cup Assembly, Ts121
38	RT15745	1	22 Assembly Key
39	RT19789	1	Key For Assembling

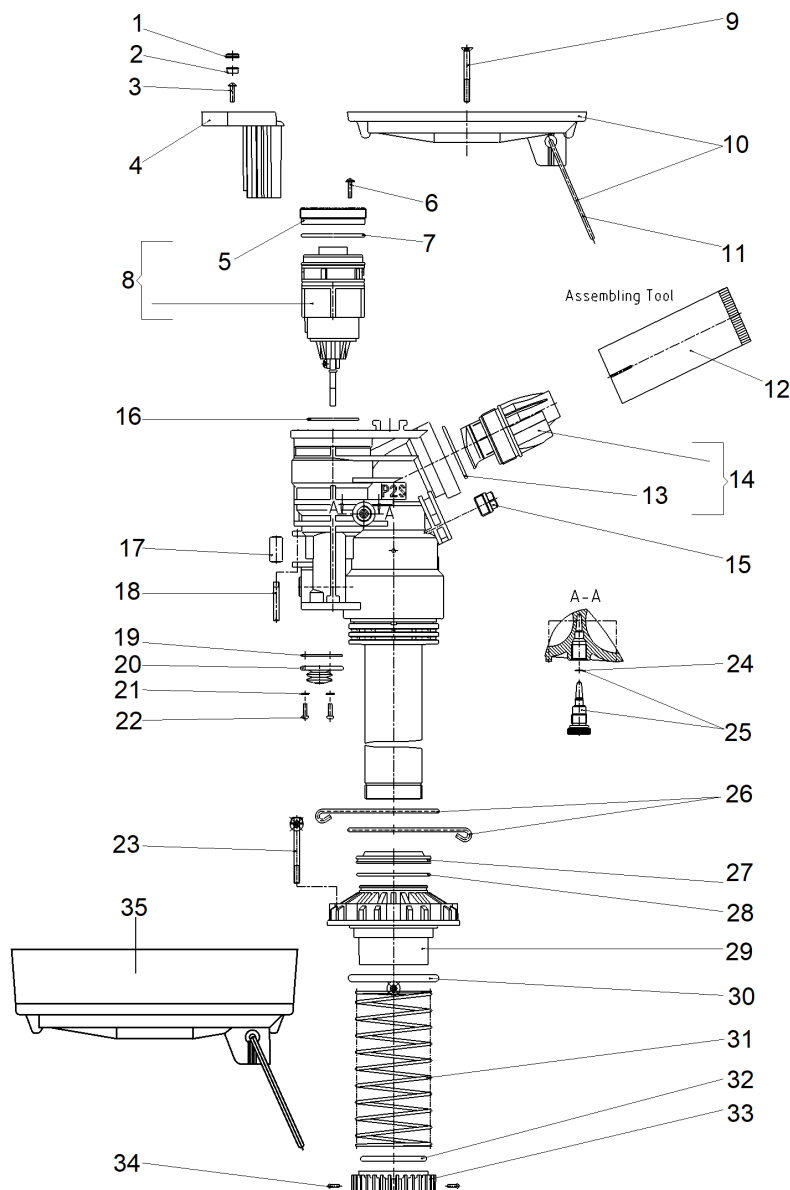


TS120 and TS121 Impact Rotors Body

Ref.	Part Number	Qty.	Description
1	ZK93274	8	4X20 Fillister Pan Head Screw
2	RB17478	1	Segment Lid Cmpl
3		1	●
4	RB16784	1	Solenoid, AC Assy.
5	RB17525	1	Manual Control W Conn.
6	RT17490	1	Segment Lid
7	ZK93390	4	Fillister Head Screw
8	RT17487	1	Housing
9	RB17477	1	Housing
10	RT17536	1	Snap Ring
11	RT17553	1	Shim
12	RB17420	1	Valve Insert

Ref.	Part Number	Qty.	Description
13	RB17495	1	Guide, Housing, Bspt
13	RB17667	1	Guide, Housing, Npt, 1 1/2"
14	RT17630	1	Pipe
15	RT14142	1	Hose Bush.
16	RT14129	1	Angle Hose Grommet
17	RT17623	1	Flushing Equipment
18	RT17839	1	Hook For Removing Snap Rings
19	RT17843	1	Valve
20	ZB98289	1	Torx Screw Driver, T20
21	ZB98297	1	Torx Screw Driver, T25
22	RT17844	1	Snap Ring Pliers

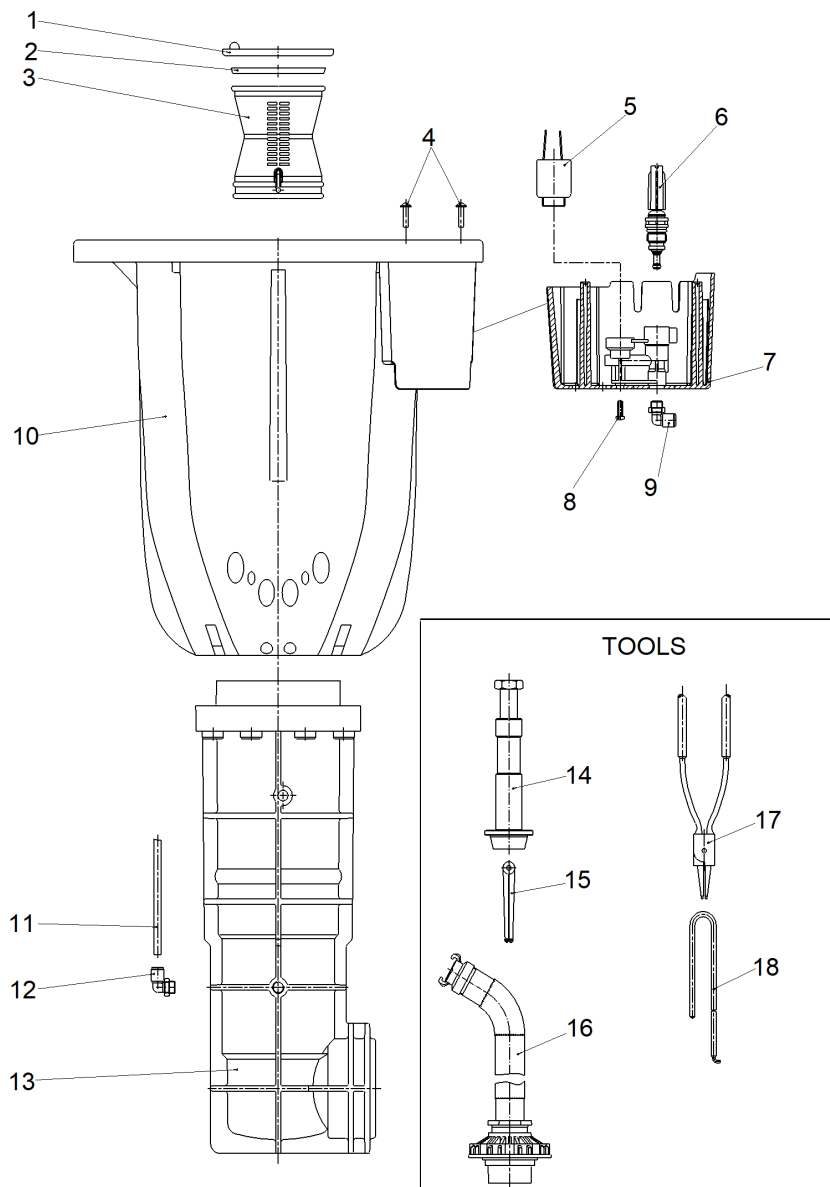
● Not serviced separately



TS170V and TS171 Rotors

Ref.	Part Number	Qty.	Description
1	RT14947	1	Plug, Manual Control
2	RT14147	1	Blind Cap
3	ZK93417	3	40X20 Torx Screw
4	RT25326	1	Segment Cover
5	RT25352	1	Piston Drive Cover
6	ZK93259	1	2X16 Screw
7	ZK94317	1	O-Ring, 62X3 Mm
8	RB25357	1	Piston Drive Assembly W/ Grey Plastic Cover And Screw
9	ZK93192	1	M 6X55 Screw
10	RB25341	1	Sprinkler Top, Black
11	RT25037	1	Safety Clip
12	RB25189	1	Nozzle Assembly Tool
13	ZK93715	1	O-Ring, 52X3 Mm
14	RB25383	1	16Mm Nozzle
14	RB25384	1	20Mm Nozzle
14	RB25414	1	24Mm Nozzle
15	RT24903	1	Plug, Single Nozzle
16	ZK93738	1	O-Ring, 2.5X50 Mm
17	RT25372	1	Pressure Roller, F. Elbow

Ref.	Part Number	Qty.	Description
18	RT25371	1	Pressure Roller, Axle, F. Elbow
19	RT25214	1	Sealing Sheet, Elbow
20	ZK25218	1	Bellow/Elbow
21	ZK93216	2	Disk
22	ZK93273	2	4X12 Pan Head Screw
23	ZK93416	1	M 6X60 Screw
24	ZK93219	1	Shaft Ring
25	RB25095	1	Control Screw
26	ZK25124	2	Spring, Stop
27	ZK25296	1	Collar, Wiper Seal
28	ZK25295	1	Retaining Ring
29	RT25293	1	Collar Ring
30	ZK93824	1	O-Ring 82X7.0Mm
31	ZK25324	1	Return Spring
32	ZK93826	1	O-Ring 58X5.3Mm
33	RT25292	1	Collar Flange
34	ZK93268	1	Torx Screw, 25X10Mm
35	RB25363	1	Lid, Turf Cup Assembly, Ts171



TS170V and TS171 Rotors Body

Ref.	Part Number	Qty.	Description
1	RT25329	1	Retaining Ring Valve (White Snap Ring)
2	RT25315	1	Shim, Valve
3	RB25345	1	Valve Insert
4	ZK93417	2	40X20 Torx Screw
5	RB16784	1	Solenoid, AC Assy.
6	RB25356	1	Manual Control Assembly
7	RT25097	1	Cover Assembly
8	ZK93273	1	4X12 Pan Head Screw
9	ZK94212	1	Angle Screw Connection (Same As Item 13)
10	RT25388	1	Ts170V Upper Sprinkler Body

Ref.	Part Number	Qty.	Description
11	ZM94845	1	Tube, 6X4Mm
12	ZK94212	2	Angle Screw Connection (Same As Item 10)
13	RB25354	1	Inlet Elbow
14	RT25359	1	Valve Insert Tool
15	ZB98236	1	Face Hole Key
16	RB25380	1	Flushing Equipment
17	RT17844	1	Snap Ring Pliers
18	RT17839	1	Hook For Removing Snap Rings

Notes:

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