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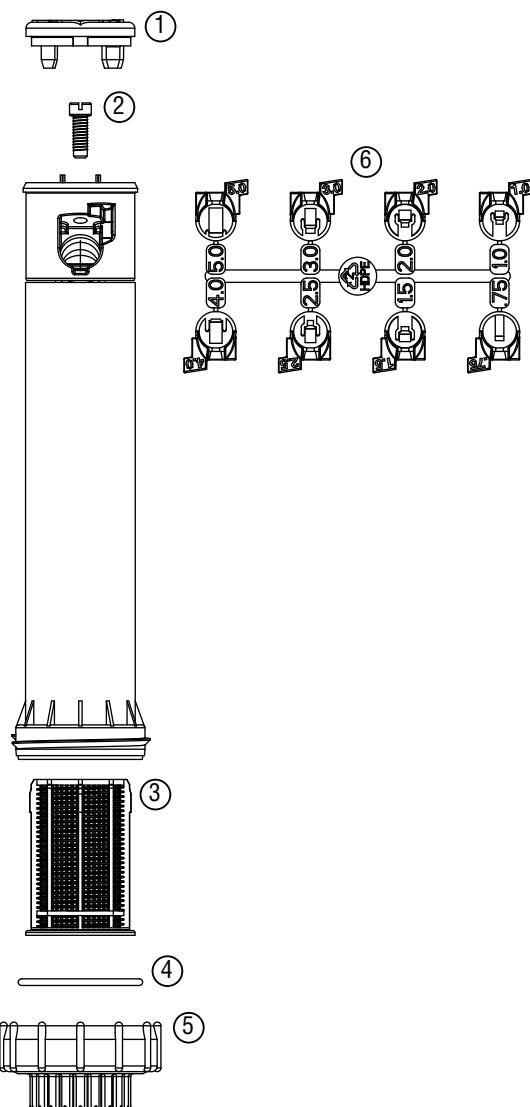
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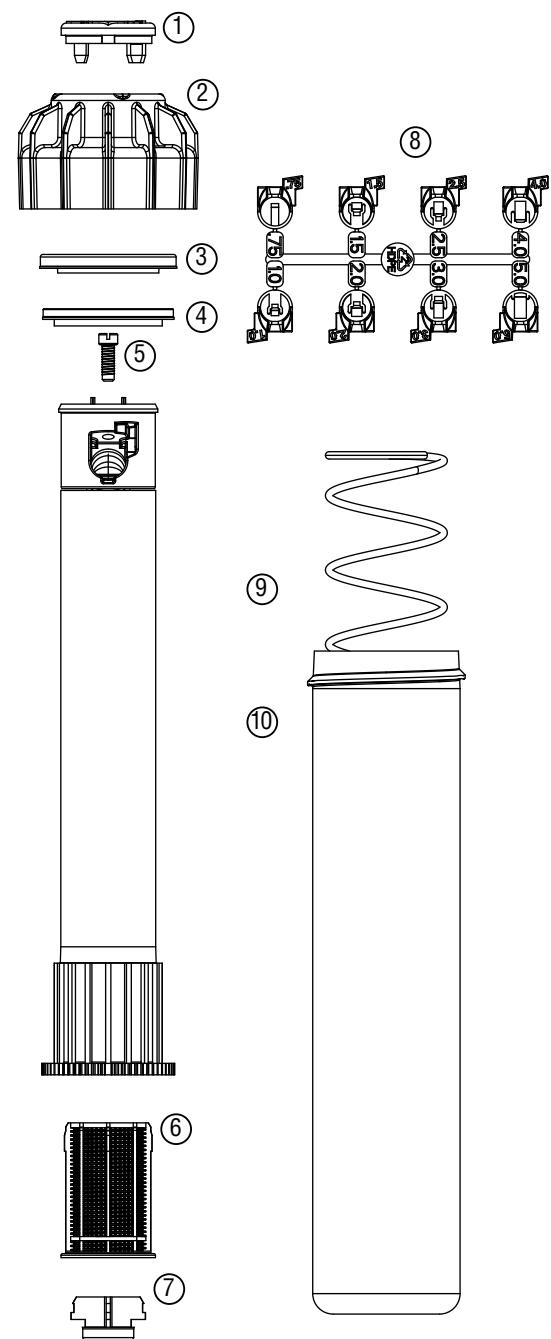
## PGJ-00: Gear-Driven Sprinkler

Item	Description	Catalog No.
①	Rubber Cover	Black Purple
		537800 537810
②	Nozzle Retention Screw	537900
③	Screen	272000
④	O-Ring	464500
⑤	Shrub Head Base	372800
⑥	Nozzle Rack (with 8 nozzles)	538700



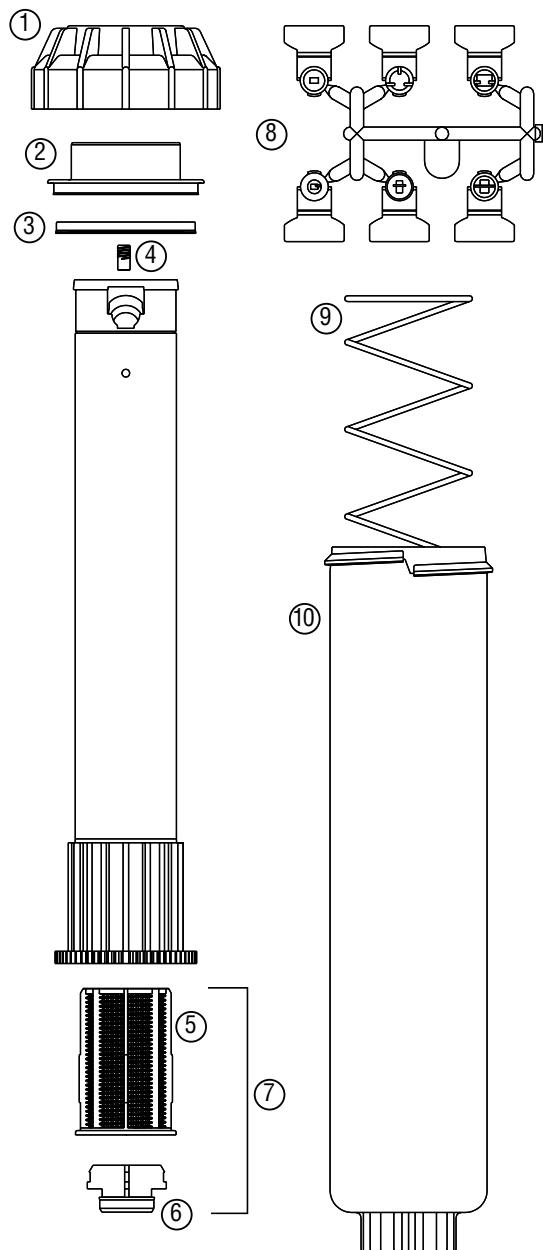
## PGJ-04, 06, 12: Gear-Driven Sprinklers

Item	Description		Catalog No.
①	Rubber Cover	Black	537800
		Black with Check Valve ID	537805
		Purple with Check Valve ID	537810
②	Body Cap		537400
③	Riser Seal		538100
④	Spring Seat		326500
⑤	Nozzle Retention Screw		537900
⑥	Screen		272000
⑦	Check Valve (Bag of 25)		462078
⑧	Nozzle Rack (w/ 8 nozzles)		538700
⑨	Retraction Spring	4"	272705
		6"	272710
		12"	272715
⑩	Body	4"	537300
		6"	538400
		12"	538500



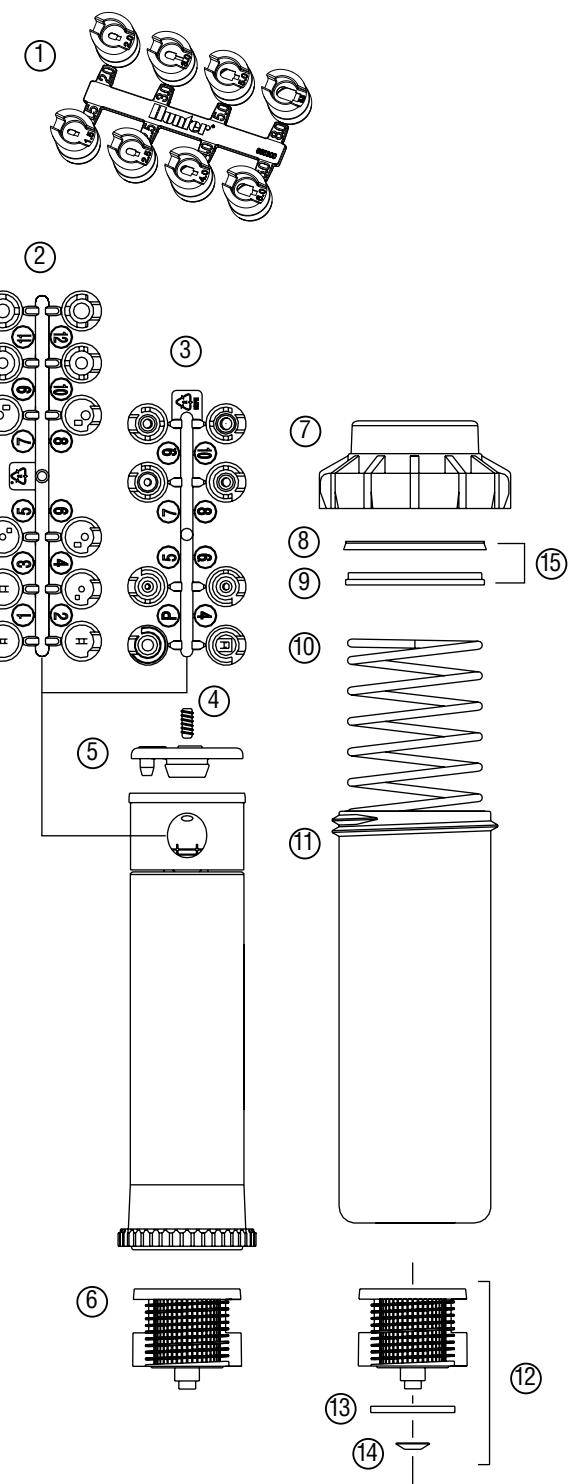
## SRM-04, PGM-04, 06, 12: Gear-Driven Sprinklers

Item	Description	Catalog No.
①	Body Cap	270700
②	Riser Seal	326400
③	Spring Seat	326500
④	Nozzle Retention Screw ( <i>Bag of 25</i> )	463262
⑤	Screen ( <i>White</i> )	272000
⑥	Check Valve ( <i>Bag of 25</i> )	462078
⑦	Screen/Check Valve Assembly	302500
⑧	Nozzle Rack ( <i>w/ 0.50, 0.75, 1.0, 1.5, 2.0, 3.0</i> )	327000
⑨	Retraction Spring	272705
	4"	272710
	12"	272715
⑩	Body	271100



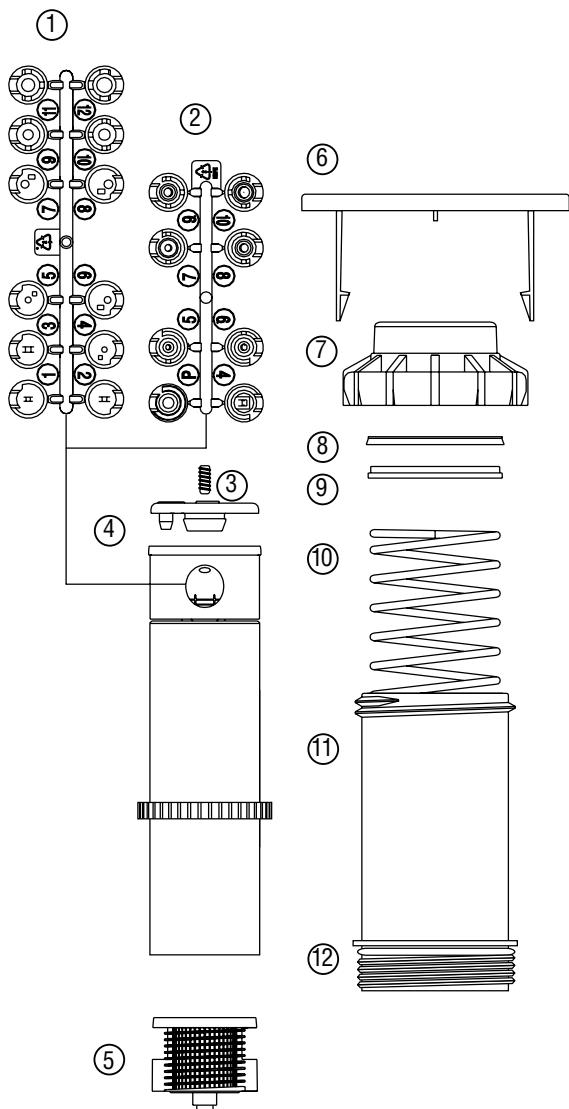
## PGP®: Gear-Driven Sprinkler

Item	Description	Catalog No.
①	Blue nozzle Set, 8 nozzles	665300
②	Red Nozzle Set, 12 nozzles	130900
③	Gray Low Angle Nozzles, 7 nozzles	233200
④	Set Screw	120300
⑤	Protective Rubber Cover ( <i>Fits Units Manufactured After 2/93)</i> Black (ADJ)	269400
⑥	Standard Filter Screen ( <i>Black</i> )	102600
⑦	Body Cap	103700
⑧	Riser Seal	181500
⑨	Spring Seat	189900
⑩	Retraction Spring ADJ	104000
⑪	Pop-Up Body	100200
⑫	Filter Screen/Check Valve Sub-Assembly	142300
⑬	Check Valve Seal	101400
⑭	Retainer Clip	204900
⑮	Seal Replacement Kit ( <i>Includes Parts 8 &amp; 9</i> )	253400



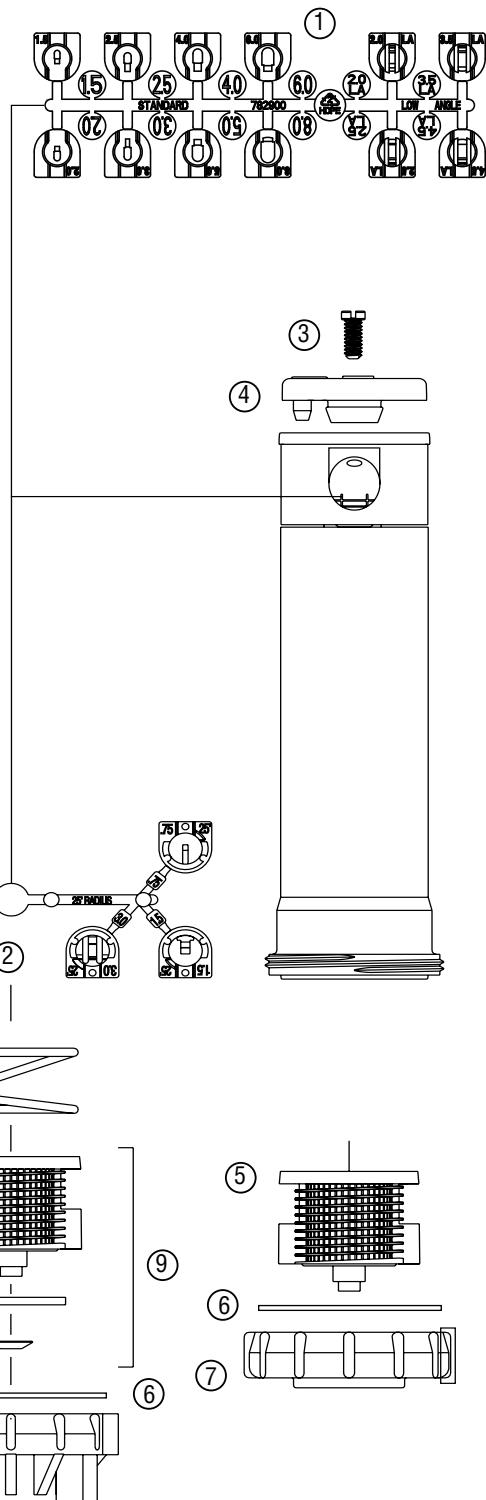
## PGP®-ATR: Gear-Driven Sprinkler

Item	Description	Catalog No.
①	Standard Nozzle Set (12) 25° Trajectory	130900
②	Low Angle Nozzle Set (7) 13° Trajectory	233200
③	Set Screw	120300
④	Protective Rubber Cover Black (ADJ)	269400
⑤	Standard Filter Screen (Black)	102600
⑥	ATR Cap	417700
⑦	Body Cap	103700
⑧	Riser Seal	181500
⑨	Spring Seat	189900
⑩	Retraction Spring	417600
⑪	Pop-Up Body	417400
⑫	O-Ring	418200



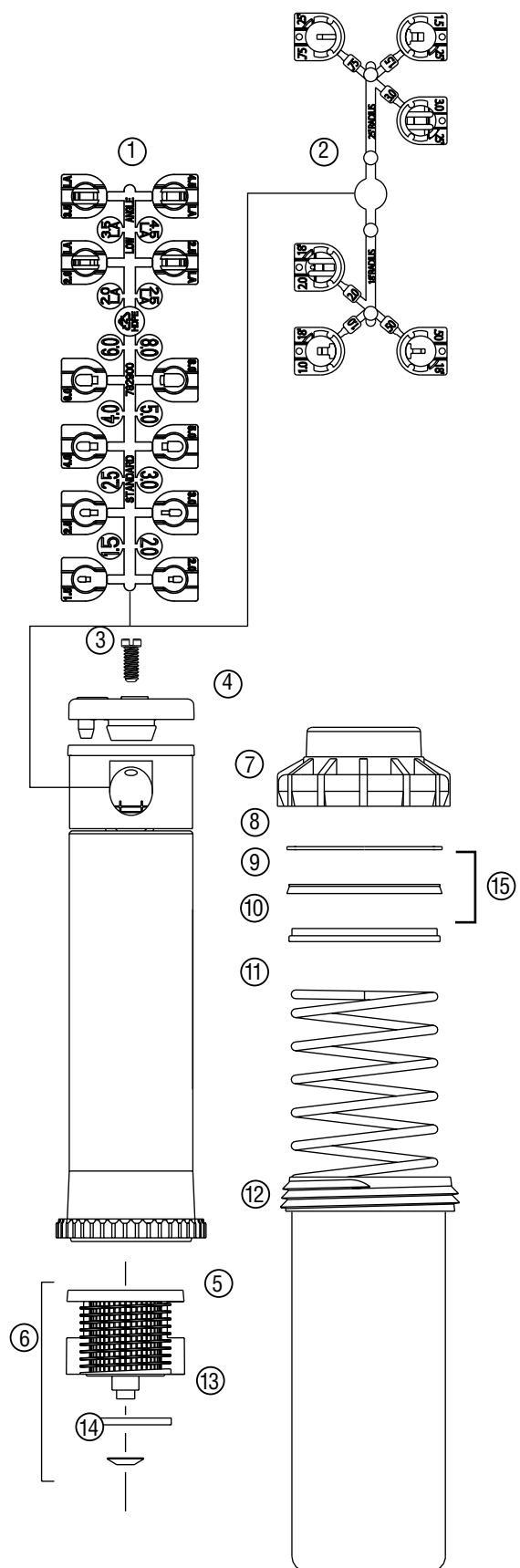
## PGP®-OO: Gear-Driven Sprinkler

Item	Description	Catalog No.	
①	Standard (8) and Low Angle (4) Nozzle Set, Blue & Gray	782900	
②	Short Radius Nozzle Set (6), Black	466100	
③	Nozzle Retainer Screw - Headed w/ Slot	180900	
④	Rubber Cover Assembly	183600	
	Black		
	Purple	183605	
⑤	Standard Filter Screen (Black)	102600	
⑥	O-Ring	170600	
⑦	Standard Shrub Head Base	106900	
<b>Options</b>			
⑧	Check Valve Spring	235000	
⑨	Filter Screen/Check Valve Sub Assembly	142300	
⑩	Check Valve Seal	101400	
⑪	Retainer Clip	204900	
⑫	Shrub Head Base	Check Valve Model	234900



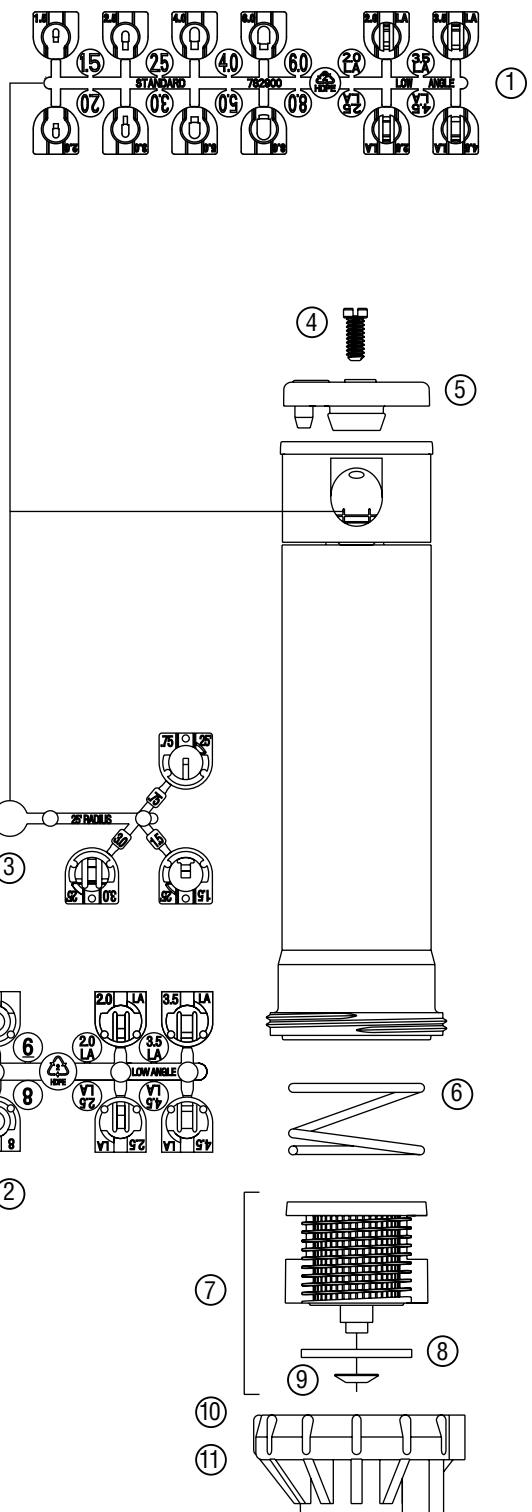
## PGP®-04 Ultra, PGP-12 CV Ultra: Gear-Driven Sprinklers

Item	Description	Catalog No.	
①	Standard (8) and Low Angle (4) Nozzle Set, Blue & Gray	782900	
②	Short Radius Nozzle Set (6), Black	466100	
③	Nozzle Retainer Screw - Headed w/ Slot	180900	
④	Rubber Cover Assembly	183600	
	Black		
	Purple	183605	
⑤	Filter Screen	Standard Model	102600
⑥	Check Valve Screen Assembly	142300	
⑦	Body Cap	103700	
⑧	Slip Washer	PGP-12-CV-Only	296100
⑨	Riser Seal	181500	
⑩	Spring Seat	189900	
⑪	Retraction Spring	PGP-04	104000
	PGP-04-CV	150600	
	PGP-12-CV	179500	
⑫	Pop-up Body	PGP-04	100200
	PGP-12-CV	179100	
⑬	Check Valve Seal Only	101400	
⑭	Retainer Clip	204900	
⑮	Seal Replacement Kit (Includes Parts 9 & 10)	253400	



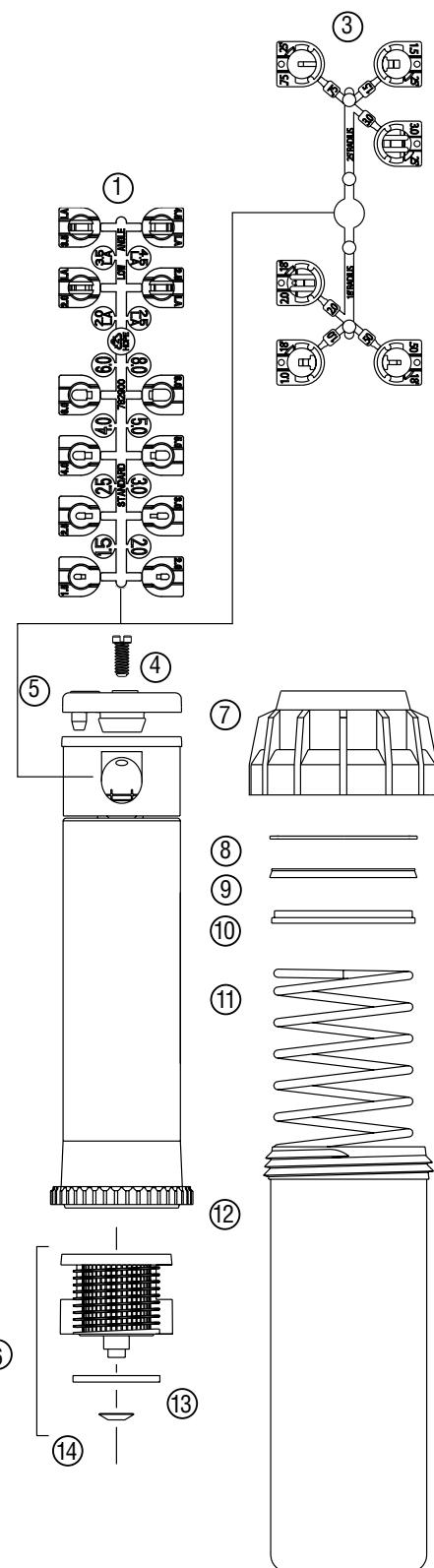
## I-20-00: Gear-Driven Sprinklers

Item	Description	Catalog No.
①	Standard (8) and Low Angle (4) Nozzle Set, Blue & Gray	782900
②	Standard (8) and Low Angle (4) Nozzle Set, NAVY Blue & Gray	356605
③	Short Radius Nozzle Set (6), Black	466100
④	Nozzle Retainer Screw	180900
⑤	Rubber Cover Assembly	352476
	Black	
	Purple	352478
⑥	Check Valve Spring	235000
⑦	Check Valve Screen Assembly	142300
⑧	Check Valve Seal Only	101400
⑨	Retainer Clip	204900
⑩	O-Ring	170600
⑪	Shrub Head Base	Check Valve Model
		234900



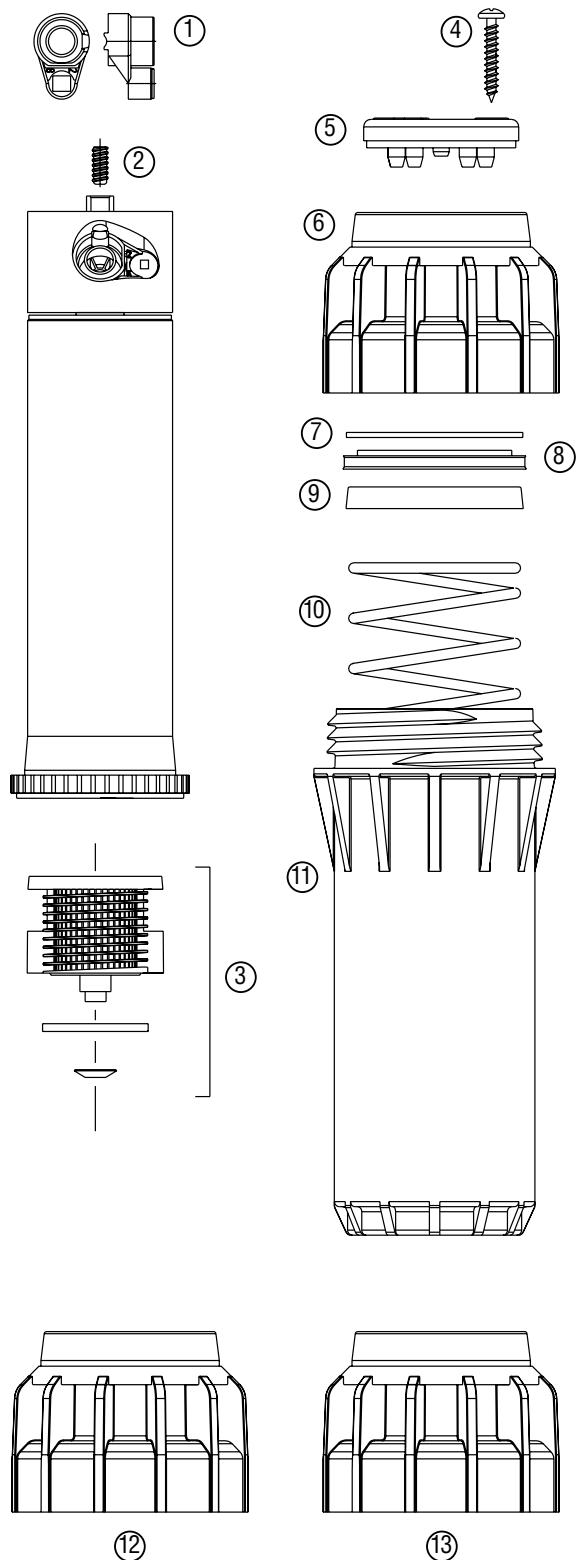
## I-20-04, I-20-06, I-20-12: Gear-Driven Sprinklers

Item	Description	Catalog No.
①	Standard (8) and Low Angle (4) Nozzle Set, Blue & Gray	782900
②	Standard (8) and Low Angle (4) Nozzle Set, NAVY Blue & Gray	356605
③	Short Radius Nozzle Set (6), Black	466100
④	Nozzle Retainer Screw	180900
⑤	Rubber Cover Assembly	352476
	Black	352476
	Purple	352478
⑥	Filter Screen with Check Valve Assembly	142300
⑦	Body Cap	356000
⑧	Slip Washer	I-20-12-Only
⑨	Riser Seal	I-20-04
		252500
		I-20-06
		252500
		I-20-12
		181500
⑩	Spring Seat	I-20-04
		227800
		I-20-06
		227800
		I-20-12
		189900
⑪	Retraction Spring	I-20-04, I-20-04-SS
		150600
		I-20-06, I-20-06-SS
		460300
		I-20-12
		179500
⑫	Pop-up Body	I-20-04, I-20-04-SS
		229200
		I-20-06, I-20-06-SS
		434700
		I-20-12
		404200
⑬	Check Valve Seal Only	101400
⑭	Retainer Clip	204900
⑮	I-20 Shut Off Cap Assembly	296000
	Cap only	295900
	O-Ring ONLY	252106



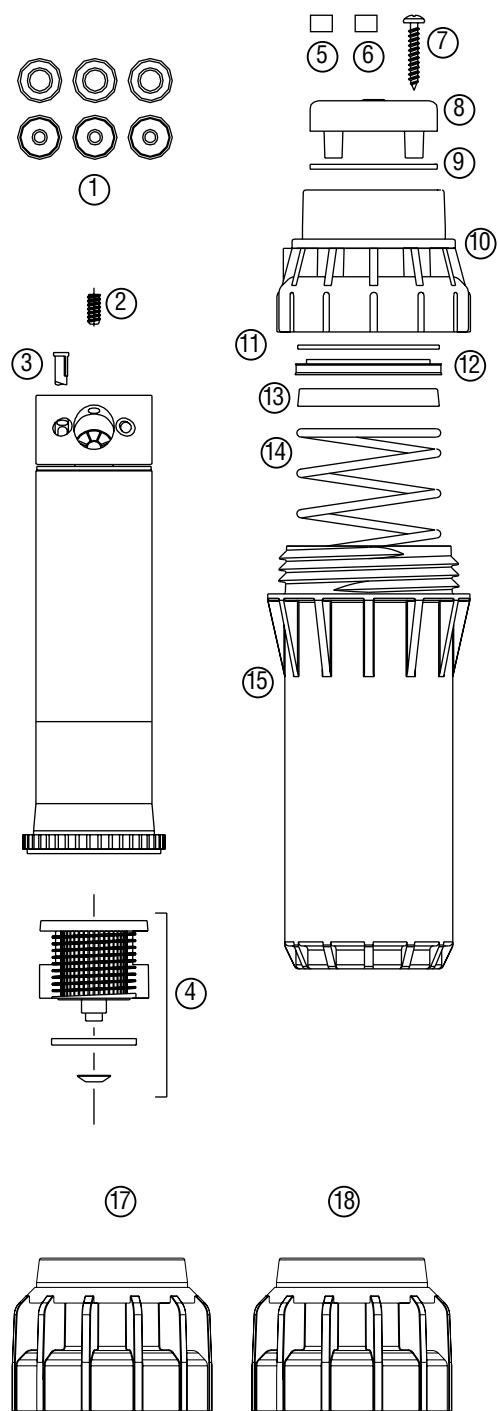
## I-25-04, 06: Gear-Driven Sprinklers

Item	Description	Catalog No.	
①	Nozzle Pack (1 each 7, 10, 15, 20, 25)	460010	
	#4 – Yellow	463401	
	#5 – White	463402	
	#7 – Orange	463403	
	#8 – Lt. Brown	463404	
	#10 – Lt. Green	463405	
	#13 – Lt. Blue	463406	
	#15 – Gray	463407	
	#18 – Red	463408	
	#20 – Dk. Brown	463409	
	#23 – Dk. Green	463410	
	#25 – Dk. Blue	463411	
	#28 – Black	463412	
②	Nozzle Retainer Screw	333900	
③	Filter Screen/Check Valve Assembly (White)	303700	
④	Rubber Cover Screw (2 Required)	334000	
⑤	Rubber Cover Assembly (logo base & rubber cover) before 12/01/2013	Black	344605
		Black SS	344635
		Purple	344615
		Purple SS	344640
		Brown SS	344625
	Rubber Cover Assembly (logo base & rubber cover) after 12/02/2013	Black	831000
		Black SS	831003
		Purple	831001
		Purple SS	831004
		Brown SS	831002
⑥	Body Cap Assembly before 12/01/2013	341500	
	Body Cap Assembly after 12/02/2013	828500	
⑦	Riser Seal Slip Washer	Black before 12/01/2013	221800
		Gray after 12/02/2013	827600
⑧	Riser Seal	Black before 12/01/2013	221200
		White after 12/02/2013	827500
⑨	Spring Seat	Black before 12/01/2013	221100
		Gray after 12/02/2013	827800
⑩	Retraction Spring	Standard Models (4")	300800
		High-Speed Models (4")	221300
		Standard Models (6")	615600
		High-Speed Models (6")	615700
⑪	Body	NPT (4")	336405
		BSP (4")	336410
		NPT (6")	614705
		BSP (6")	614710
⑫	I-25/I-40 Shut Off Cap	223200	
⑬	I-25/I-40 Blow Out Cap	345400	



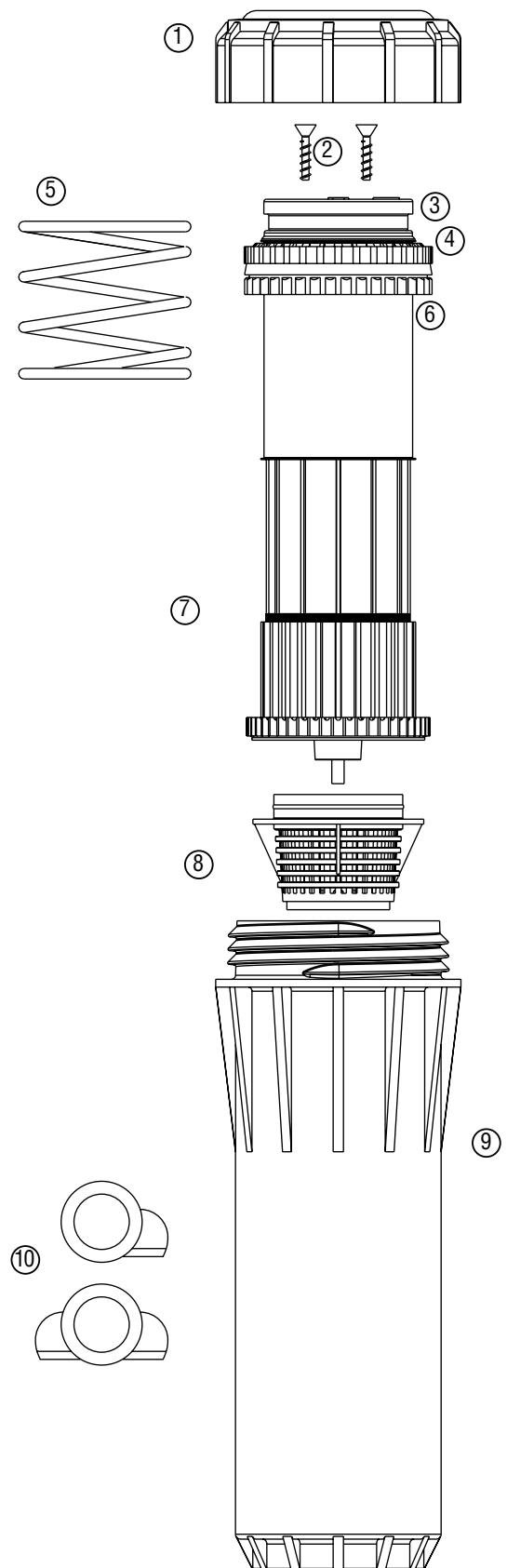
## I-40-04, 06: Gear-Driven Sprinklers

Item	Description	Catalog No.
①	Adjustable Nozzle Pack (1 each 8, 10, 13, 15, 23, 25)	462458
	Nozzles (Bag of 25)	
	#8-Lt. Brown	461144
	#10-Lt. Green	461145
	#13-Lt. Blue	461146
	#15-Gray	461147
	#23-Dk. Green	461148
	#25-Dk. Blue	462436
	Opposing Nozzle Pack (1 each 15, 18, 20, 23, 25, 28)	462459
②	Nozzle Retainer Screw	333900
③	Diffuser Pin	245400
④	Filter Screen/Check Valve Assembly (White)	303700
⑤	Model Number Button	I-40
⑥	Feature Designation Button	
	Blank	252845
	HS	252855
	ON	252850
⑦	Rubber Cover Screw (2 Required)	334000
⑧	Rubber Cover Assembly (Includes Part 10)	
	Black	345005
	Brown	345010
	Purple	345015
⑨	Rubber Cover Washer	253000
⑩	Body Cap Assembly	221600
⑪	Riser Seal Slip Washer	
	Black before 12/01/2013	221800
	Gray after 12/02/2013	827600
⑫	Riser Seal	
	Black before 12/01/2013	221200
	White after 12/02/2013	827500
⑬	Spring Seat	
	Black before 12/01/2013	221100
	Gray after 12/02/2013	827800
⑭	Retraction Spring	
	4"	221300
	6"	615700
⑮	Body	
	NPT (4")	336405
	BSP (4")	336410
	NPT (6")	614705
	BSP (6")	614710
⑯	I-25/I-40 Shut Off Cap	223200
⑰	I-25/I-40 Blow Out Cap	345400



## I-60: Gear-Driven Sprinklers

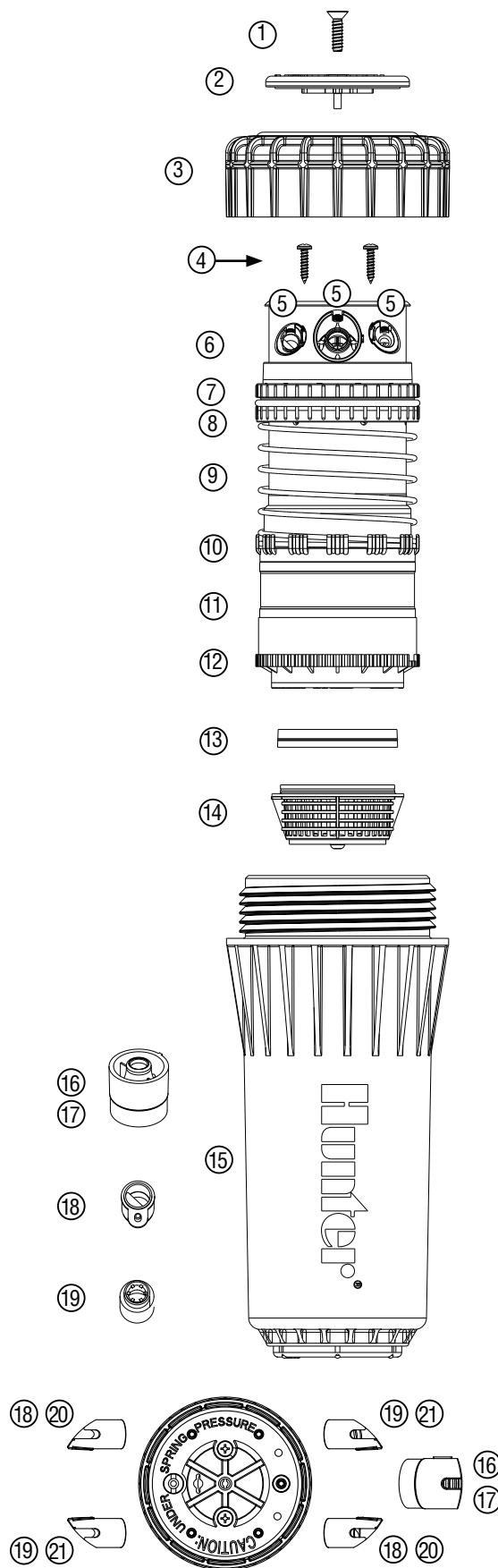
Item	Description		Catalog No.
①	Body Cap Assembly		431700
②	Rubber Cover Screw (2 Required)		334000
③	Rubber Cover Assembly	ADS (Black)	420300
		36S (Black)	420400
		ARS (Purple)	420305
		3RS (Purple)	420405
④	Diffuser Yoke	36S Only	350600
⑤	Spring		348700
⑥	Seal Assembly ( <i>Includes seal supports and stainless steel sleeve</i> )		350100
⑦	Face Seal		557500
⑧	Filter Screen Assembly ( <i>with Check Valve</i> )		422200
⑨	Body	NPT	420610
		BSP	420615
⑩	Nozzle Package ( <i>Includes 7, 10, 13, 15, 18, 20</i> )	ADS	462373
		36S	462374
	Nozzles (Bag of 25) ADS	#7 – Orange	472373
		#10 – Lt. Green	472374
		#13 – Lt. Blue	472375
		#15 – Gray	472376
		#18 – Red	472377
		#20 – Dk. Brown	472378
	36S	#7 – Orange	463471
		#10 – Lt. Green	463472
		#13 – Lt. Blue	463473
		#15 – Gray	463474
		#18 – Red	463475
		#20 – Dk. Brown	463476



## I-90: Gear-Driven Sprinkler

Item	Description		Catalog No.
(1)	Rubber Cover Screw ( <i>1 Required</i> )		351800
(2)	Rubber Cover Assembly	ADV (Black)	529000
		36V (Black)	528900
		ARV (Purple)	529005
		3RV (Purple)	528905
(3)	Body Cap Assembly		525000
(4)	Retainer Cap Screws ( <i>2 Required</i> )		334000
(5)	Nozzle Retainer Screw ( <i>5 Required, not shown</i> )		053339
(6)	Retainer Cap ( <i>5/11 &amp; prior</i> )	ADV, ARV	346800
		36V, 3RV	346700
	Retainer Cap ( <i>6/11 &amp; after</i> ) – All		197200
(7)	Seal Block*		171710*
(8)	O-Ring Seal*		171600*
(9)	Retraction Spring*		171900*
(10)	Face Seal - Black*		406000*
(11)	Bumper - White*		171800*
(12)	Riser Assembly <i>(Includes #4-11)</i>	ADV, ARV	525500
		36V, 3RV	525400
(13)	Stator Adjustment Plate		052833
(14)	Screen Assembly		525200
(15)	Body	NPT	525100
		BSP	525105
(16)	Nozzle Pack ( <i>1 Ea 25, 33, 38, 43, 48, 53, 63, 73</i> )		461204
(17)	Primary Nozzles <i>(Bag of 25)</i>	#25 – Lt. Blue	460011
		#33 – Gray	464363
		#38 – Red	464364
		#43 – Dk. Brown	464365
		#48 – Dk. Green	464366
		#53 – Dk. Blue	464367
		#63 – Black	464368
		#73 – Orange	460012
	Low Angle Primary Nozzles <i>(Bag of 25)</i>	#25 – Lt. Blue	791500
		#33 – Gray	791600
		#38 – Red	791800
		#43 – Dk. Brown	791900
		#48 – Dk. Green	792000
		#53 – Dk. Blue	792100
		#63 – Black	792200
		#73 – Orange	792300
(18)	Short Range Nozzle ( <i>5/11 &amp; Prior</i> ) - All (Left, Black)		439100

*Parts 7-11 are required for the new I-90 seal replacement kit*

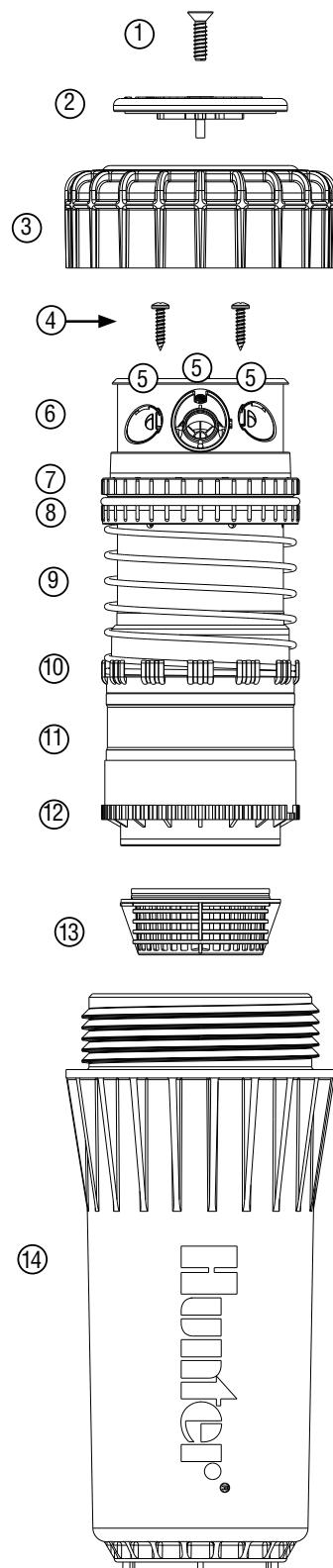


*(Parts 19-21 are listed on the next page)*

## I-90: Gear-Driven Sprinkler (Con't from page 13)

(Please refer to the illustration on page 13)

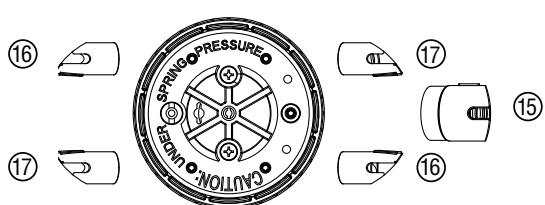
(19)	Short Range Nozzle (6/11 & After) (Left, Red) All Models	191800
(20)	Mid Range Nozzle (5/11 & Prior)	(Right, Green) ADV, ARV 439000
		(Right, Blue) 36V, 3RV 455400
(21)	Mid Range Nozzle (6/11 & After)	(Right, Green) ADV, ARV 195701
		(Right, Blue) 36V, 3RV 195704
(20)	Nozzle Plug (6/11 & After) (Left, Black) - All	195803
(21)	Nozzle Plug (6/11 & After) (Right, Black) - All	195703



## ST-90: Gear-Driven Sprinkler

Item	Description	Catalog No.
(1)	Rubber Cover Screw (1 Required)	351800
(2)	Rubber Cover Assembly - Green	208900
(3)	Body Cap Assembly	525000
(4)	Retainer Cap Screws (2 Required)	334000
(5)	Nozzle Retainer Screw (5 Required, not shown)	053339
(6)	Retainer Cap - All	197200
(7)	Seal Block*	171710*
(8)	O-Ring Seal*	171600*
(9)	Retraction Spring*	171900*
(10)	Face Seal - Black*	406000*
(11)	Bumper - White*	171800*
(12)	Riser Assembly (Includes #4-13)	517800
(13)	Screen Assembly	524600
(14)	Body	525100
	NPT	525100
	BSP	525105
(15)	Primary Nozzles (Bag of 25)	#73 - Orange 460012 #83 - Tan 197909
(16)	Nozzle Plug (Left, Green)	195802
(17)	Nozzle Plug (Right, Green)	195702

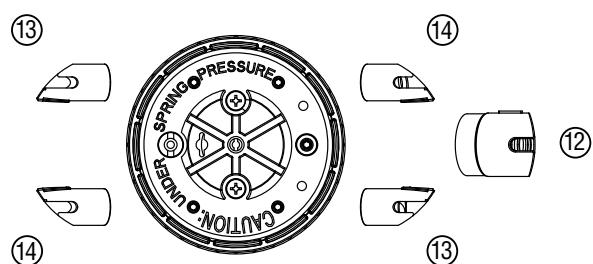
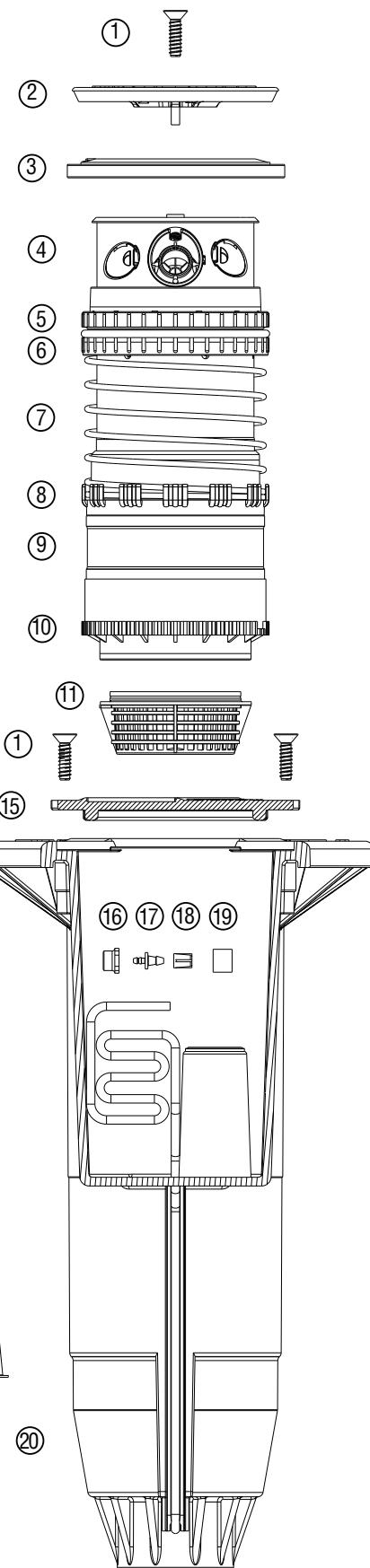
\*Parts 7-11 are required for the new I-90 seal replacement kit



ST-90: Gear-Driven Sprinkler

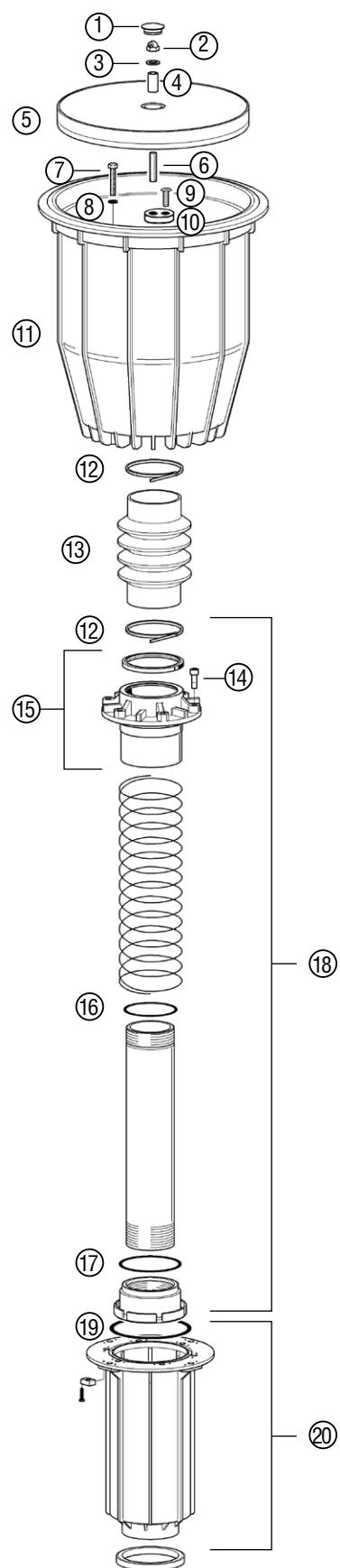
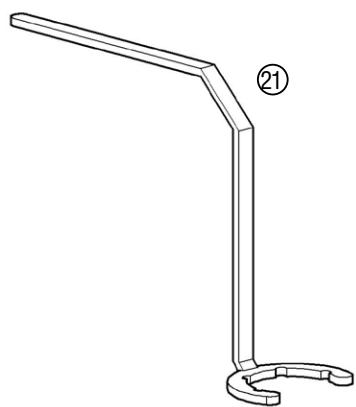
## STG-900: Gear-Driven Sprinkler

Item	Description	Catalog No.
①	Screw - Logo Cap Retainer	351800
②	Rubber Logo Cap - (Green)	242505
③	Snap Ring Assy. - (Black)	430700
④	Screw - Nozzle Retainer (5 used)	333900
⑤	Seal Block	171700
⑥	O-Ring - Seal	171600
⑦	Spring - Riser Retraction	171900
⑧	Face Seal - Black	406000
⑨	Bumper - White	171800
⑩	Riser Assembly - (incl: items 4 - 11)	517900
⑪	Screen - Riser Inlet	524600
⑫	Primary Nozzles <i>(Bag of 25)</i>	#73 - Orange 460012 #83 - Tan 197909
⑬	Nozzle Plug (Left, Green)	195802
⑭	Nozzle Plug (Right, Green)	195702
⑮	Lid - Flange Compartment	493605
⑯	Tube Retainer - 1/8" Tubing	476000
⑰	Connector - 1/4" x 1/8" Tubing	402100
⑱	Tube Plug - 1/4" Tubing	052608
⑲	Tube Retainer - 1/4" Tubing	052610
⑳	Body Assembly, STG-900 (incl: items 16 - 22)	521000
㉑	Cap, Protective - solenoid wire hole	643900
㉒	Cap, Protective	456800



## ST-1600B and ST-1600HSB: Pop-Up

Item	Description	Catalog No.
①	Plug - Logo Cap	189779
②	Nut - Logo Cap Retention	189781
③	Washer - Logo Cap Retention	194920
④	Support Tube - Logo Cap (brass)	180515
⑤	Logo Cap - Green	204205
⑥	Stud - Threaded	204905
⑦	Bolt - Upper Body Case Retention	204943
⑧	Washer - Upper Body Retention	194921
⑨	Screw - Base Support Retention	205102
⑩	Base Support - Logo Cap (brass)	502419
⑪	Case - Upper Body	502432
⑫	Zip-Tie Retainer (2 used)	205601
⑬	Rubber Boot - Telescoping	502423
⑭	Allen Screw - Flange Ret. (6 used)	205117
⑮	Flange and Seal Assembly	204206
⑯	O-Ring - Pop-Up to Turret Inlet Seal	252107
⑰	O-Ring - Pop-up Base Seal	252109
⑱	Pop-Up Assembly (incl. 12 thru 17)	502436
⑲	O-Ring - Flange to Lower Body	252112
⑳	Lower Body Case Assembly	502442
㉑	Tool - Gear Drive Remove / Install	517600



## ST-1600 Gear-Drive: B and BR Models

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Item	Description	Catalog No.
①	Retainer - Primary Nozzle	502402
②	Nozzles - Primary (each)	#16 - Black 784800
		#18 - Black 784801
		#20 - Black 784802
		#22 - Black 784803
		#24 - Black 784804
		#26 - Black 784805
③	O-Ring - Primary Nozzle Seal	252113
④	Nozzles - Brass Secondary (each)	Standard 6.0 788500
		6.5 788501
		7.0 788502
⑤	Elbow - Secondary Nozzle	502451
⑥	O-Ring - Elbow Seal	252114
⑦	Screw - Elbow Retainer (2 used)	205119
⑧	Cover - Gearbox	502455
⑨	Gearbox Assembly (incl. 8 & 10)	502457
⑩	Coupler - Gearbox to Turbine	502459
⑪	Screw - Coupler Connection (2 used)	205121
⑫	Screw - Large Interior (2 used)	205106
⑬	Screw - Small Exterior (2 used)	205123
⑭	Knob - Speed Control	510101
⑮	O-Ring - Speed Control Knob	252115
⑯	Screw - Brass - Turbine Access	205124
⑰	O-Ring - Turbine Access Screw	252115
⑱	Cover Assembly - Turbine (incl. 14 thru 17)	510155
⑲	O-Ring - Cover Assembly	252118
⑳	Turbine Assembly (incl. bearing, seal & washer)	510159
㉑	Screw - Cover Assembly (6 used)	205131
㉒	Nut - Cover Assembly (6 used)	189782
㉓	Screw - Speed Control Knob (2 used)	205106
㉔	Turret & Transmission Assembly	510162
㉕	Allen Screw - Turret & Transmission Assembly (4 used)	205116
㉖	Reversing Mechanism Assembly	510164
㉗	Gasket - Reversing Mechanism Assembly	205609
㉘	Screw - Short - Reversing Mechanism (8 used)	205127
㉙	Screw - Long - Reversing Mechanism (1 used)	205129
㉚	Rubber Boot Cover Assembly - Shifter Arm	510166
㉛	Screw - Cover Assembly (4 used)	205123
㉜	Seal - Lower Turret & Transmission Assembly	205612
㉝	Cover - Lower Seal Turret & Transmission Assembly	205616

## ST-1600 Gear-Drive: B and BR Models

Item	Description	Catalog No.
⑩	Screw - Lower Seal Cover (6 used)	205127
⑪	O-Ring - Turret/Transmission to Turret Inlet Assembly	252119
⑫	Turret Inlet Assembly	510167
⑬	Stop Rings - Arc Adjust (2 used)	205617

