Sprinkler Replacement Guide

PGP Gear Driven Rotors

(for spacings of 28'-52')

To Replace	Use Hunter Nozzle	
RAIN BIRD		
Mini-Paw 15103	-07 (Black)	6
	-09 (Green)	7
Maxi-Paw 2045	-06 (Red)	5
	-07 (Black)	6
	-08 (Blue)	8
	-10 (Yellow)	9
	-12 (Beige)	10
R-50	-1.5 (Black)	5
	-2.0 (Brown)	7
	-3.0 (Gray)	8
	-4.0 (Yellow)	9
	-6.0 (Green)	11
T-Bird T-30	-1.3 (Black)	4
	-2.5 (Gray)	6
	-5.0 (Green)	9
T-Bird T-40	-1.5 (Black)	5
	-2.0 (Brown)	7
	-3.0 (Gray)	8
	-4.0 (Yellow)	9
	-6.0 (Green)	11
15111	-10 (5/32" nozzle)	9
21A, 27A	-10 (5/32" nozzle)	9
25	-10 (5/32" nozzle)	9
31A, 37A	-14 (7/32" nozzle)	11
35	-12 (3/16" nozzle)	10

To Replace	Use Hunter Nozzle	
TORO		
300 Stream Rotor	308-XX-02	4
	308-XX-03	7
	316-XX-02	7
	316-XX-03	10
XP 300 Series	XP-300-090-07	4
	180-07	7
	360-07	10
	090-09	5
	180-09	8
	360-09	11
	090-10	5
	180-10	9
	360-10	12
320 Rain Pro	324-XX-05	4
	324-XX-06	5
	328-XX-05	7
	328-XX-06	8
	336-XX-05	10
	336-XX-06	11
Super 600	1.3	4
	2.5	7
	5.0	10
	6.0	10
Super 700	1.3	3
	1.5	4
	2.0	5
	3.0	7
	4.5	8
	6.0	9
	7.5	10
	9.0	11

To Replace	Use Hunter Nozzle	
NELSON		
Mini Rotor	6702 (Green)	5
	6703 (Red)	7
	6704 (Black)	8
6760	see "Single Nozzle"	
Pro 6000	Match Hunter 4-11	
Pro 6500	61	6
	62	9
	63	10
	64	11
WEATHERMATIC		
G40P & G40FS		7
G50P		9
G50F		11
G60P & G40F		10
G60F		12
TJ2/TJ3	use Hunter 4-12	
SINGLE NOZZLE	**all impact mfrs.**	
	7/64"	5
	1/8"	7
	9/64"	8
	5/32"	9
	11/64"	9
	3/16"	10
	13/64"	11
	7/32"	11
	15/64"	12

PGM Gear Driven Rotors

(for spacings of 14'-30')

To Replace	Use Hunter Nozzle	
RAIN BIRD		
T-Bird T-22	-.65 (Blue)	.75
	-1.3 (Black)	1.5
	-2.5 (Gray)	2.0
T-Bird T-30	-1.3 (Black)	1.5
	-2.5 (Gray)	3.0
NELSON		
Pro 5500	#51	.75
	#52	1.5
	#53	2.0
	#54	3.0

To Replace	Use Hunter Nozzle	
TORO		
300 Stream Rotor	304-XX-01	.75
	308-XX-01	1.5
	316-XX-01	2.0
	304-XX-02	.75
	308-XX-02	2.0
	316-XX-02	3.0
	304-XX-03	1.5
	308-XX-03	3.0
XP300 SERIES	XP300-XX-Q-05	1.0
	XP300-XX-H-05	2.0

SRS/PS Spray Sprinklers

(for small landscaped areas of 7'-17')

To Replace	Use Hunter Nozzle	
ALL MANUFACTURERS		
	7' Radius	7A
	10' Radius	10A
	12' Radius	12A
	15' Radius	15A
	17' Radius	17A
	Side Strip	5SS

Installation & Adjustment Guidelines

PGP Rotors

Nozzle Installation

1. Insert the key end of the Hunter wrench into the lifting socket of the sprinkler. Pull the riser up to gain access to the nozzle socket. (Fig. 1)
2. Using the Hunter wrench, loosen the nozzle/range-adjustment screw. If a nozzle is already installed in the sprinkler, it can be removed by briefly turning on the water, or by pulling on one of the nozzle "ears" with needle-nose pliers.
3. Slip the desired nozzle into the nozzle socket. (Fig. 2) Note that the socket is angled up 25º. Also note that the "ears" should be located at the top. Tighten the nozzle/range-adjustment screw.

Arc Adjustment

Adjustable heads are preset to approximately 180º. Sprinklers may be adjusted with water on or off. It is recommended that initial adjustment be made before installation.

1. Using the palm of your hand, rotate the nozzle turret counterclockwise to the left stop to complete any interrupted rotation cycle. (Fig. 3)
2. Rotate the nozzle turret clockwise to the right stop. This is the fixed side of the arc. The nozzle turret must be held in this position for all arc adjustments. Each full turn of the wrench decreases the arc 90º.
3. Wrench will stop turning or there will be a ratcheting noise, when the minimum arc (40º) or maximum arc (360º) is reached.
4. Adjust to any arc between 40º and 360º.

To Increase/Decrease the Arc:

1. Insert the key end of the Hunter wrench into the adjustment socket. (Fig. 4)
2. While holding the nozzle turret at the right stop, turn the wrench clockwise to increase, counter-clockwise to decrease.

Radius Adjustment

To Increase/Decrease Radius:

1. Turn nozzle-retainer/radius-adjustment screw counterclockwise to increase, clockwise to decrease.
2. If larger radius is desired, install larger nozzle (this will also increase precipitation rate).

   If smaller radius is desired, install smaller nozzle (this will also decrease precipitation rate).

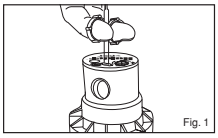
Fig. 1

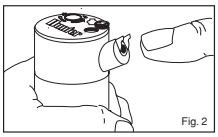
Fig. 2

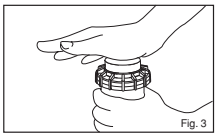
Fig. 3

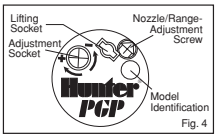

Fig. 4

PGM Rotors

Nozzle Removal and Installation

1. Pull identifier tab up. (Fig. 5)
2. Turn screw counterclockwise until it is flush with the top of the nozzle turret. While holding identifier tab, push down on nozzle. (Fig. 6)
3. Pull nozzle straight out. (Fig. 7)

The nozzle can be installed by reversing the steps above.

Arc Adjustment

1. Rotate the nozzle turret counter-clockwise to the left stop.
2. Now, rotate the nozzle turret clockwise to the right stop. This is the fixed side of the arc. The nozzle turret must be held in this position for all arc adjustments.

To Increase/Decrease the Arc:

1. Insert the key end of the Hunter wrench into the adjustment socket on top of the sprinkler. (Fig. 8)
2. While holding the nozzle turret at the right stop, turn the wrench clockwise to increase, counter-clockwise to decrease.
3. Wrench will stop turning when adjusted to the minimum arc (40º) or maximum arc (360º) . DO NOT GO PAST THIS STOP.
4. Adjust to any arc between 40º and 360º.
5. All adjustments can be made with less than one full turn of the adjusting wrench.

Radius Adjustment

To Increase/Decrease Radius:

1. Turn nozzle-retainer/radius-adjustment screw counterclockwise to increase, clockwise to decrease.
2. If larger radius is desired, install larger nozzle (this will also increase precipitation rate).

   If smaller radius is desired, install smaller nozzle (this will also decrease precipitation rate).

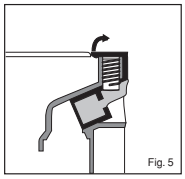
Fig. 5

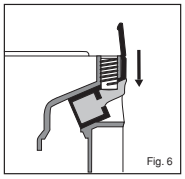
Fig. 6

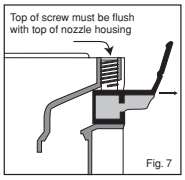

Fig. 7

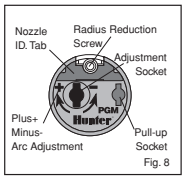

Fig. 8

SRS Spray Sprinklers

Installation Instructions

1. Install screen into riser opening and screw any female-threaded spray nozzle onto riser.
2. Ratchet riser (Fig. 9) to align the raised dot on top of each Hunter adjustable nozzle with what will be the right edge of the spray arc (looking from "behind" the sprinkler).

Arc Adjustment

The Hunter Adjustable Arc nozzles come from the factory with a preset arc of 25º.

1. Hold the perimeter of the nozzle with fingers and turn the nozzle counterclockwise to increase the adjusting arc. (Fig. 10)
2. To decrease the arc, hold the perimeter of the nozzle with fingers and turn the nozzle clockwise.

NOTE: The arc can also be increased or decreased by using a flat-bladed screwdriver.

Radius Adjustment

1. Hold the nozzle arc stationary with fingers, or with two pins on the side of the Hunter wrench between any of the nozzle spokes. (Fig. 11)
2. Adjust the radius with a flat-bladed screwdriver by turning the center screw clockwise to reduce the radius.

NOTE: The radius should not be reduced more than 25%. The nozzles are preset at the factory for maximum radius.

PS Spray Sprinklers

Installation Instructions

1. DO NOT REMOVE THE NOZZLE. The filter screen is accessible from the bottom of the riser.
2. Ratchet riser (Fig. 12) to align the raised dot on top of each nozzle with what will be the right edge of the spray arc (looking from "behind" the sprinkler).

Arc Adjustment

1. Insert the hex end of the Hunter wrench into the stainless steel hex screw and turn the screw counter-clockwise to increase the arc. (Fig. 13)

NOTE: The nozzle turns with the screw and both the arc of coverage and the discharge rate are increased. Do not use the Hunter wrench sideways in the spokes to adjust the arc. The flow will not adjust proportionately to the arc.

Radius Adjustment

1. Hold the plastic nozzle stationary by inserting the two pins on the side of a Hunter wrench between any of the nozzle spokes. (Fig. 14)
2. With a second Hunter wrench, turn the stainless steel hex screw clockwise to decrease, and counterclockwise to increase, the radius and discharge rate.

NOTE: The radius should not be reduced more than 25%. The sprinkler is preset at the factory for maximum radius.

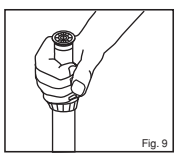
Fig. 9

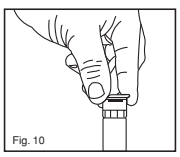
Fig. 10

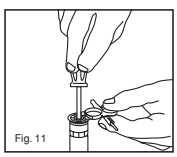
Fig. 11

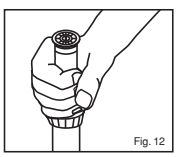
Fig. 12

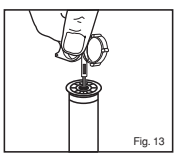
Fig. 13

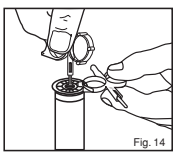
Fig. 14

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