

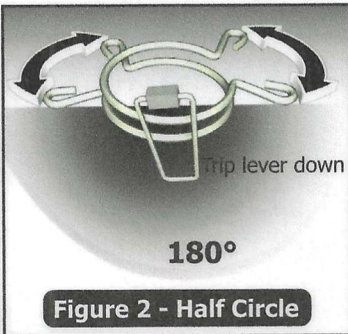
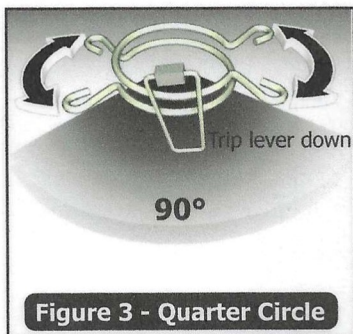
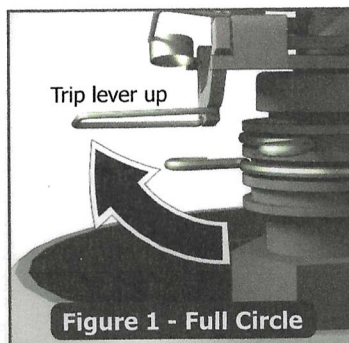
Operation

Match spray pattern to your layout

Adjust sprinkler to fit your layout by selecting full or part-circle spray patterns.

Full circle: Flip trip lever up to allow sprinkler to rotate 360° (see **Figure 1**).

Part circle: Flip trip lever down and adjust the sprinkler collars. The angle between the collar handles determines the arc the sprinkler will water (20° to 340°) (see **Figure 2 and 3**).

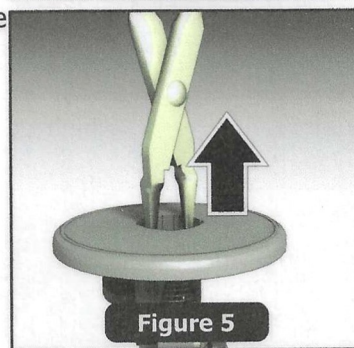
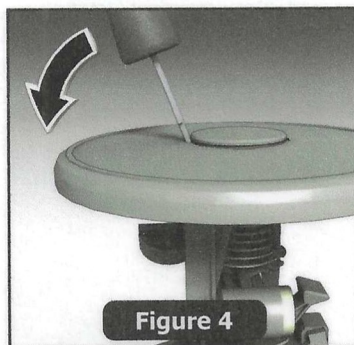


Maintenance & Troubleshooting

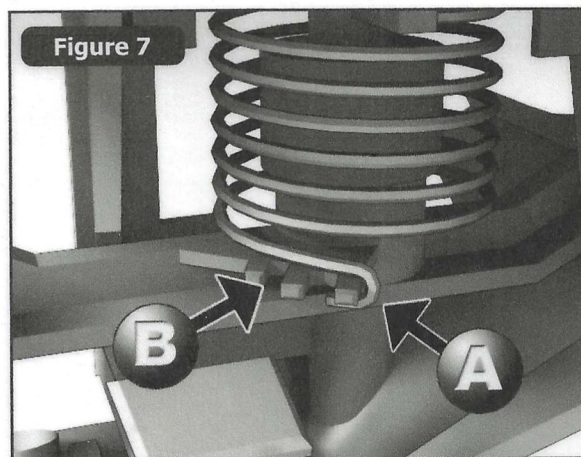
- Do not use oil, grease, or pipe dope on sprinkler.
- Check sprinkler nozzle for debris.
- Check valve function.
- Check timer function.

Replace a Nozzle

1. With a screwdriver, remove the top cover cap (**Figure 4**).
2. With needlenose pliers, remove the top cover (**Figure 5**).
3. Pull the rotor arm aside to expose the nozzle (**Figure 6, A**).
4. Rotate the nozzle tab down to release the nozzle (**Figure 6, B**).
5. Remove the nozzle and replace with a new one.
6. Turn the nozzle tab clockwise to lock the new nozzle in place.
7. Push the top cover back into place.
8. Install the top cover cap.

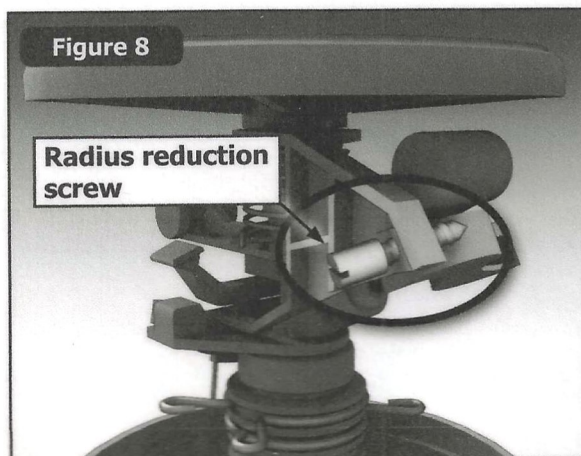
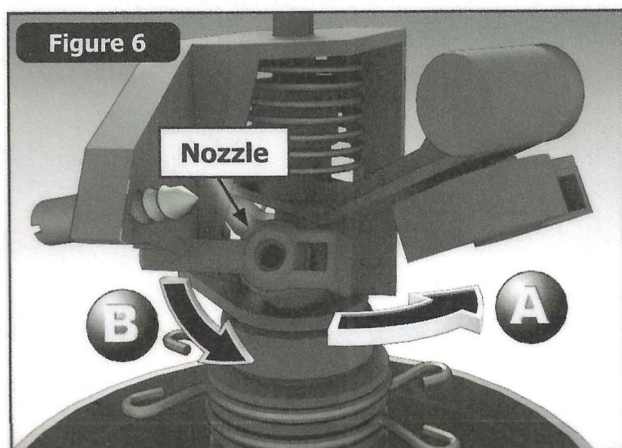


Note: When using the orange or red low-flow nozzles, move Adjustment Spring to the **Figure 7, B** position for best operation.

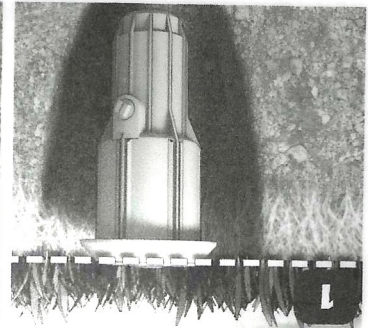


Reduce Spray Distance

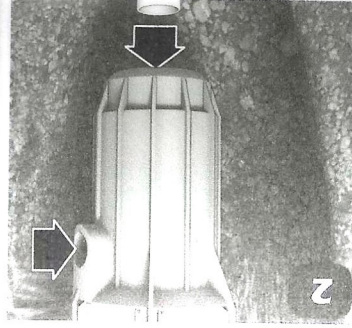
To reduce the spray distance (radius) up to 25%, with the sprinkler running, turn the spray reduction screw clockwise into the stream; turn counterclockwise to increase the spray radius (see **Figure 8**).



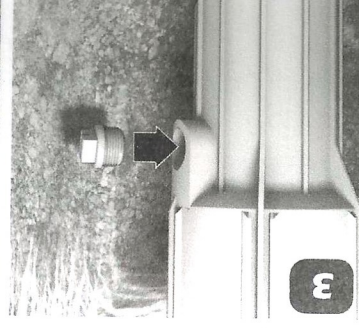
Installation



Install sprinkler flush with ground.



Connect water supply to either bottom or side inlet.



Screw included plug into unused inlet.



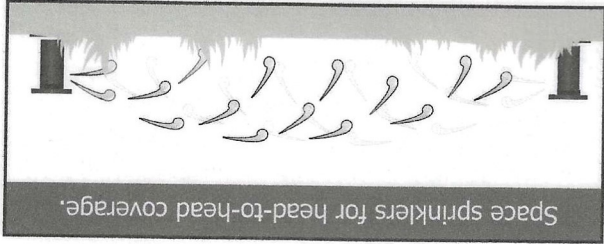
Fill hole with gravel covered by a layer of soil.

In cold climates, protect sprinkler from freeze damage by installing a drain valve to bottom inlet.

Ensure Even Coverage

To ensure that each area of your lawn receives the same amount of water (uniform coverage), install the nozzle indicated in the chart to the left to correspond with the full or part-circle spray pattern. Irritrol nozzles feature Matched Precipitation Rates to allow sprinklers with different patterns to be zoned together, in which each sprinkler delivers matching amounts of water.

For new installations, avoid dry spots and areas of over-watering by spacing sprinklers so their patterns overlap. Use the guidelines in the accompanying chart and position sprinklers as shown for optimum coverage.



Performance Data*
Standard Nozzle

Nozzle	Pressure (ft.)	Flow GPM	Precip. in/h	Nozzle	Pressure (ft.)	Flow GPM	Precip. in/h
1.5 (orange)	32	1.5	0.16	3.0 (black)	41	5.0	0.26
	40	1.8	0.16		39	3.6	0.26
	30	1.5	0.16		35	2.9	0.26
02.0 (red)	36	2.3	0.20		40	2.5	0.17
	50	3.6	0.20		40	2.2	0.18
	30	2.0	0.20		37	2.2	0.18
4.0 (blue)	41	4.2	0.28		40	2.5	0.15
	40	4.1	0.28		30	3.3	2.0
	30	3.8	0.29		30	3.3	2.0
6.0 (green)	42	5.1	0.32		30	3.3	2.0
	30	3.9	0.42		30	3.3	2.0
	40	6.5	0.39		30	3.3	2.0
	40	4.3	0.39		30	3.3	2.0
4.0LA (yellow)	30	3.7	0.49		30	3.3	2.0
	40	4.3	0.46		30	3.3	2.0
	50	4.8	0.45		30	3.3	2.0
	50	4.8	0.45		30	3.3	2.0

Low Angle (LA) Nozzle

Nozzle	Pressure (ft.)	Flow GPM	Precip. in/h	Nozzle	Pressure (ft.)	Flow GPM	Precip. in/h
2.0LA (grey)	30	1.8	0.33	4.0LA (yellow)	30	3.7	0.49
	40	2.0	0.33		40	4.3	0.46
	50	2.2	0.34		50	4.8	0.45
	30	1.8	0.33		30	3.7	0.49
	40	2.0	0.33		40	4.3	0.46
	50	2.2	0.34		50	4.8	0.45
	30	1.8	0.33		30	3.7	0.49
	40	2.0	0.33		40	4.3	0.46
	50	2.2	0.34		50	4.8	0.45
	30	1.8	0.33		30	3.7	0.49
	40	2.0	0.33		40	4.3	0.46
	50	2.2	0.34		50	4.8	0.45

* Precipitation rate data based on full-circle (360°).

WARNING: Cancer and Reproductive harm -

For more information, please visit www.toro.com/CAProp65.

Patent: www.ticoparts.com

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