

Arc Adjustments

Adjustable heads are preset to rotate approximately 180°. 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. 1).
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.

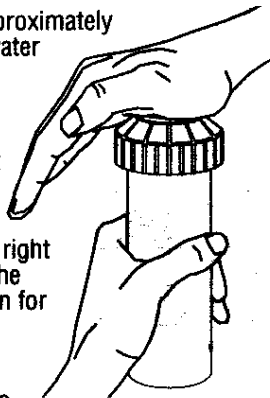


Figure 1

To Increase the Arc:

1. Insert the plastic end of the Orbit key into the pattern adjustment socket (Figs. 2 & 3).
2. While holding the nozzle turret at the right stop, turn the key clockwise. Each full turn of the key increases the arc 90°.
3. Adjust to any arc between 40° and 360°.
4. When the maximum arc (360°) is reached, the key will stop turning or there will be a ratcheting noise.

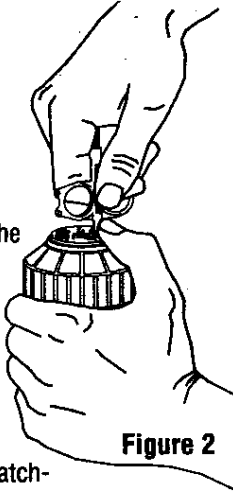


Figure 2

To Decrease the Arc:

1. Insert the plastic end of the Orbit key into the pattern adjustment socket (Figs. 2 & 3).
2. While holding the nozzle turret at the right stop, turn the key counterclockwise. Each full turn of the key decreases the arc 90°.
3. Adjust to any arc between 40° and 360°.
4. When the minimum arc (40°) is reached, the key will stop turning or there will be a ratcheting noise.

Radius Adjustment

Insert the metal hex end of the Orbit key into the distance adjustment socket (Fig. 3). Turn the screw clockwise (into the stream of water) to decrease the radius, or counterclockwise to increase the radius. (Do not rotate the screw too far either way or it will fall out.)

Precipitation Rate Adjustment

For excessively wet or dry areas, the precipitation rate can be adjusted: replace the existing nozzle with a larger one to increase the rate or a smaller one to decrease the rate of precipitation.

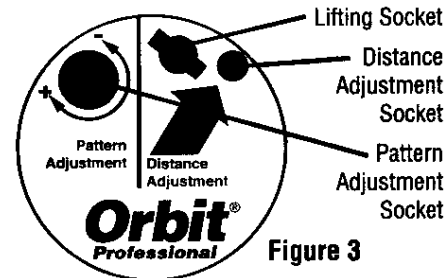


Figure 3

Note: It is not necessary to disassemble the sprinkler to make adjustments.

Nozzle Installation

1. Insert the plastic end of the Orbit key into the lifting socket (Fig. 3) of the sprinkler. Pull the riser up to gain access to the nozzle socket.
2. While holding the riser up with one hand (Fig. 4), remove the key from the lifting socket and insert the hex end into the distance adjustment socket. Loosen the adjustment screw far enough to clear the nozzle. 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. Note that the socket is angled up 25°. Also note that the "ears" should be located at the top (Fig. 4). Tighten the adjustment screw.

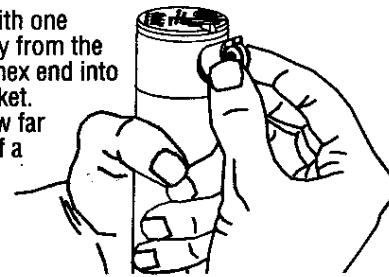


Figure 4