

Orbit 56144

Orbit Metal Impact Sprinkler on Metal T-Spike Instruction Manual

Model: 56144

1. INTRODUCTION

The Orbit Metal Impact Sprinkler on Metal T-Spike is designed for efficient watering of larger lawn and garden areas. Its robust zinc construction ensures durability, while the T-spike base provides stable ground insertion and easy repositioning. This sprinkler offers versatile coverage, capable of watering in both partial and full-circle patterns.

Key Features:

- Durable zinc construction for extended product life.
- Covers areas up to 85 feet in diameter.
- Adjustable spray pattern from 1 to 360 degrees.
- Fingertip adjustable settings for ease of use.
- Deflector shield for precise water placement.
- Flow-through spike design allows for connecting multiple sprinklers in series.

2. SAFETY INFORMATION

Please read and understand all safety warnings before operating this product. Failure to follow these instructions may result in injury or property damage.

- Keep away from children.
- Do not use during lightning storms.
- Avoid electrical hazards; ensure no electrical wiring is near the watering area.
- Always turn off the water supply before removing or adjusting the sprinkler.
- Store the sprinkler in a dry place when not in use to prevent damage and extend its lifespan.

3. SETUP

1. **Connect to Water Source:** Attach a standard garden hose to the inlet connection at the base of the sprinkler. Ensure the connection is tight to prevent leaks.
2. **Position the Sprinkler:** Firmly insert the metal T-spike into the ground in the desired watering area. Ensure the spike is stable and the sprinkler head is upright.
3. **Connect Multiple Sprinklers (Optional):** If watering a larger area, connect additional sprinklers in series using the flow-through design at the spike base. Attach a garden hose from the outlet of the first sprinkler to the inlet of the next.



Image: The Orbit Metal Impact Sprinkler on Metal T-Spike positioned in a lawn, demonstrating its watering pattern. A garden hose is connected to the sprinkler base, and water is being sprayed across the grass.

4. OPERATING INSTRUCTIONS

Once the sprinkler is set up and connected to a water source, slowly turn on the water supply. The sprinkler head will begin to rotate and distribute water. Observe the spray pattern and coverage to ensure it meets your watering needs.

Adjusting Spray Pattern and Distance:

- **Arc Adjustment:** The sprinkler allows for adjustment from a partial circle (1 degree) to a full 360-degree circle. Locate the adjustment collars or tabs on the sprinkler head and move them to set the desired watering arc.
- **Distance Control:** A diffuser screw or tab is typically located on the sprinkler head. Turning this screw will break up the water stream, reducing the spray distance. Adjust as needed to prevent over-watering or spraying unintended areas.
- **Stream Adjustment:** The anti-backsplash arm helps maintain smooth rotation and consistent water distribution. Ensure it moves freely.

5. MAINTENANCE

Regular maintenance helps ensure optimal performance and extends the life of your sprinkler.

- **Cleaning Nozzle:** Periodically check the sprinkler nozzle for any debris or mineral buildup that might obstruct the water flow. Clean with a small brush or needle if necessary.
- **Winter Storage:** Before freezing temperatures, disconnect the sprinkler from the hose, drain all water, and store it in a dry, protected area to prevent freeze damage.
- **Inspect Connections:** Regularly check hose connections for wear or leaks. Replace washers if needed to maintain a tight seal.

6. TROUBLESHOOTING

If you encounter issues with your sprinkler, refer to the following common solutions:

Problem	Possible Cause	Solution
Uneven spray pattern or reduced distance	Clogged nozzle, low water pressure, or incorrect adjustment.	Clean the nozzle. Check water supply pressure. Adjust the diffuser screw and arc settings.
Sprinkler not rotating	Insufficient water pressure, debris in the mechanism, or arm obstruction.	Ensure adequate water pressure. Inspect for and remove any debris. Check that the anti-backsplash arm moves freely.
Water leaking from connections	Loose hose connection or worn washer.	Tighten hose connections. Replace the rubber washer in the hose if it is worn or missing.

7. SPECIFICATIONS

Feature	Detail
Brand	Orbit
Model Number	56144
Material	Zinc
Coverage Diameter	Up to 85 feet
Spray Pattern	1 to 360 degrees (adjustable)
Maximum Flow Rate	12 Gallons Per Minute
Item Dimensions (L x W x H)	12.9 x 5.1 x 2.2 inches
Item Weight	13.6 ounces
UPC	046878561441

8. WARRANTY AND SUPPORT

Specific warranty details are not provided within this manual. For information regarding warranty coverage,

product support, or replacement parts, please contact Orbit customer service directly or visit their official website. Keep your purchase receipt as proof of purchase.

For further assistance, please refer to the manufacturer's official resources.

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