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## Orbit 37017

# Orbit 37017 Cut-Off Sprinkler Riser Extension User Manual

## INTRODUCTION

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This manual provides essential information for the proper installation, operation, and maintenance of your Orbit Cut-Off Sprinkler Riser Extension. This product is designed to connect various sprinkler heads to your irrigation line and allows for height adjustment as your landscape matures.

## PRODUCT OVERVIEW

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The Orbit Cut-Off Sprinkler Riser Extension is constructed from UV-resistant HDPE, ensuring durability and longevity in outdoor conditions. It features male threads in 1-inch increment sections, allowing the riser to be precisely cut to the desired length for optimal sprinkler head positioning. This extension is compatible with equipment from Orbit, Hydro-Rain, and other major brands, providing versatility for your irrigation system.



Image: The Orbit Cut-Off Sprinkler Riser Extension, a black threaded plastic pipe.



Image: A close-up view of the threaded sections on the cut-off riser, designed for easy length adjustment.



Image: A comparison showing different sizes of riser ends, highlighting the versatility of the product.



Image: An icon depicting sun, cloud, and rain, symbolizing the product's UV and weather-resistant properties.

## INSTALLATION INSTRUCTIONS

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Follow these steps to properly install your Orbit Cut-Off Sprinkler Riser Extension:

1. **Identify Sprinkler Head:** Locate the sprinkler head that requires height adjustment or replacement.
2. **Excavate Around Sprinkler:** Carefully dig around the existing sprinkler head to expose the connection to the lateral line or swing pipe.
3. **Remove Existing Riser/Sprinkler:** Unscrew the current sprinkler head and any existing riser from the irrigation fitting.
4. **Determine Required Length:** Measure the additional height needed for your sprinkler head to clear the surrounding landscape. The Orbit Cut-Off Riser Extension can be cut to fit.
5. **Cut the Riser Extension:** Using a suitable cutting tool, cut the riser extension to your determined length. The male threads are designed in 1-inch increments for easy and precise cutting. Ensure a clean, straight cut for optimal threading.
6. **Thread onto Fitting:** Hand-thread the cut-off riser extension onto the exposed irrigation fitting (e.g., swing pipe elbow). Ensure a snug fit to prevent leaks.
7. **Attach Sprinkler Head:** Thread your sprinkler head onto the top of the newly installed riser extension.
8. **Test and Backfill:** Turn on your irrigation system to check for proper operation and any leaks. Once confirmed, carefully backfill the soil around the sprinkler head.



Image: An Orbit cut-off riser extension installed in the ground, connecting to an irrigation line.

## MAINTENANCE

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The Orbit Cut-Off Sprinkler Riser Extension requires minimal maintenance. Periodically inspect the riser and sprinkler head for any signs of damage, cracks, or leaks. Due to its UV-resistant HDPE construction, it is designed to withstand prolonged exposure to sunlight and outdoor elements. If any damage is observed, replace the affected component to maintain system integrity.

## TROUBLESHOOTING

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- **Leaks at Connection Points:** Ensure all threaded connections are hand-tightened securely. If leaks persist, disassemble, clean threads, and re-thread carefully. Consider using plumber's tape for a better seal if necessary.
- **Sprinkler Head Still Too Low/High:** Re-evaluate the required length and adjust the cut-off riser extension accordingly. Remember to cut in 1-inch increments.
- **Difficulty Threading:** Ensure threads are clean and free of debris. Do not overtighten, as this can strip plastic threads.

## SPECIFICATIONS

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<b>Model Number</b>	37017
<b>Size</b>	1/2" x 2-1/2"
<b>Material</b>	HDPE Plastic
<b>Color</b>	Black
<b>Item Dimensions (L x W x H)</b>	1 x 2 x 1 inches
<b>Connector Type</b>	Threaded Fitting (NPT)
<b>Thread Size</b>	1/2"
<b>Thread Type</b>	NPT
<b>Manufacturer</b>	ORBIT IRRIGATION PRODUCTS INC
<b>UPC</b>	840041553161

## WARRANTY AND SUPPORT

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For specific warranty information and customer support, please refer to the official Orbit website or contact Orbit customer service directly. Keep your purchase receipt for any warranty claims. You can find more information and support resources by visiting the Orbit Brand Store.