

## VEVOR TC5001D

# VEVOR 52 Inch Tow Behind Lawn Sweeper Instruction Manual

Brand: VEVOR

Model: TC5001D

## 1. SAFETY INFORMATION

Please read this instruction manual carefully before assembling, operating, or maintaining the VEVOR 52 Inch Tow Behind Lawn Sweeper. Failure to follow these instructions may result in personal injury or property damage.

- Always wear appropriate personal protective equipment (PPE), including safety glasses, gloves, and sturdy footwear, during assembly and operation.
- Keep children and bystanders away from the operating area.
- Ensure all fasteners are securely tightened before each use.
- Operate the lawn sweeper only on relatively level ground. Avoid steep slopes or uneven terrain, which can affect performance and stability.
- Do not attempt to pick up large branches, rocks, or other hard debris that could damage the brushes or internal components.
- Always turn off the towing vehicle and engage its parking brake before making any adjustments or performing maintenance on the sweeper.
- When receiving the product, carefully inspect the packaging for any damage, especially holes. If damage is found, take pictures and contact customer support immediately.

## 2. PRODUCT OVERVIEW

The VEVOR 52 Inch Tow Behind Lawn Sweeper is designed for efficient collection of leaves, grass clippings, pine needles, and other light yard debris. Its robust construction and thoughtful features make lawn maintenance easier.



Figure 1: VEVOR 52 Inch Tow Behind Lawn Sweeper

### Key Features:

- **Adjustable Rotating Brush Height:** Easily adjust the brush height with a lever to adapt to various terrains and debris types.
- **52 Inch Sweeping Width:** Covers a large area in one pass with an 11-inch diameter brush for enhanced efficiency.
- **Effortless Sweeping:** Attaches to your lawn tractor, utilizing a powerful rotating brush to pick up debris.
- **Large Capacity Collection Bag:** A 26 cu.ft. non-woven fabric bag minimizes emptying frequency. Features a cover to prevent debris from flying out and a dumping rope for easy disposal.
- **Pre-Assembled & Easy Storage:** Comes with pre-installed parts for quicker assembly. Designed to be foldable for space-saving storage.

## 3. ASSEMBLY

The VEVOR Lawn Sweeper comes with pre-installed components to simplify assembly. Refer to the

detailed steps below and the provided assembly videos for guidance.

### 3.1 Unpacking and Accessory Sorting

Upon receiving the product, carefully unpack all components. Each part is numbered for easy identification. Verify all accessories are present against the packing list. If any anomalies are found, contact customer support.

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Video 1: VEVOR 52" Tow Behind Lawn Sweeper Full Assembly Video. This video provides a comprehensive guide to assembling your lawn sweeper.

### 3.2 Mounting the Drag Arms

1. Attach the Left Drag Arm (1) to the Brush Trolley (6) using M8x40 bolts and M8 Flange nuts. Ensure a secure fit.
2. Repeat the process for the Right Drag Arm (2).



Figure 2: Illustration of attaching the drag arms to the main brush trolley unit.

### 3.3 Attaching the Traction Device

1. Insert the ends of the Left Drag Arm (1) and Right Drag Arm (2) into the pocket of the Traction



Device (3).

2. Align the holes and fasten them together using two M8x65 bolts and M8 Flange nuts.

### 3.4 Assembling the Adjustment Handle

1. Attach one end of the Adjustment Handle (4) to the height adjustment tube on the Brush Trolley (6) using two M8x40 bolts and M8 Flange nuts.
2. Fix the other end of the Adjustment Handle using an M8x16 bolt and M8 locknut.

### 3.5 Assembling the Wiper Tubes

1. Slide the end of the Wiper Tube (7) into the end of the Left Drag Arm (1).
2. Secure using an 8x40 Pin Axle and an R-shape Pin. Repeat for the Right Drag Arm (2).

### 3.6 Collection Bag Assembly

1. Position the first Bag Rear Frame (11) by sliding it through the loops sewn at the top of the rear seam inside the bag. Ensure the brace holes are in the middle and facing up.
2. Turn the second Bag Rear Frame (11) so the brace holes are in the middle and facing down.
3. Insert the Upper Sachet Frame (8) through the stitched flaps on the side of the bag.
4. Assemble the end of the Upper Sachet Frame (8) into the ends of the Bag Rear Frame (11). Fasten together using a 6x30 Pin Axle and an R-shape Pin. Repeat on the other end.
5. Place the assembled lower frame into the bottom of the bag.
6. Insert the Bag Frame (10) into the stitched sleeve along the front edge of the bag bottom.
7. Attach the Bag Frame (10) to the Lower Sachet Frame (9) using a 6x30 Pin Axle and an R-shape Pin. Repeat on the other end.
8. Lift the bag on its back to insert the two Support Rods (12). Place the ends of each rod into the upper and lower Bag Rear Frames (11), bending the rod just enough to fit into the holes in the tubes. **IMPORTANT: Do not over bend the support rods during the above step. Over bending will cause the steel rods to lose supporting tension.**
9. Press the button in the bag to the corresponding position on the bottom panel to secure it.
10. Use the bandage buckle on the Collection Bag (14) to bypass the middle of the Bag Rear Frames (11), tighten and fix Collection Bag (14) to the Rear Frames (11).
11. Tie the rope to the top center of the Collection Bag (14).

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Video 2: VEVOR Tow Lawn Sweeper Fully Assembly Video. This video provides an alternative perspective on the assembly process.

### 3.7 Attaching Collection Bag Assembly to Brush Trolley Assembly

Attach the ends of the Wiper Tube (7) onto the ends of the Upper Sachet Frame (8) and secure with a 10 x 70 Pin Axle, an R-shape Pin, and two plastic rings. Tighten all hardware before using the sweeper.

## 4. SETUP

## 4.1 Adjusting Sweeping Height

The lawn sweeper features an adjustable rotating brush height. Use the lever on the side of the brush trolley to easily raise or lower the brushes. Adjust the height to ensure optimal contact with the ground for effective debris collection without damaging your lawn.



Figure 3: Adjusting the sweeping height using the lever.

## 4.2 Hitching to a Towing Vehicle

Attach the universal fit hitch of the lawn sweeper to the drawbar of your lawn tractor or ATV. Ensure the hitch pin is securely inserted and fastened with the R-shape pin to prevent accidental detachment during operation.



Figure 4: Securely attaching the lawn sweeper to a towing vehicle.

## 5. OPERATING INSTRUCTIONS

Once assembled and hitched, the VEVOR Lawn Sweeper is ready for operation. Follow these guidelines for effective debris collection.

### 5.1 Sweeping

- Start your towing vehicle and slowly drive across the area you wish to clear.
- The rotating brushes will pick up leaves, grass clippings, and other small debris, depositing them into the collection bag.
- For best results, operate at a consistent, moderate speed. Avoid excessively high speeds, which can cause debris to scatter.
- Overlap your passes slightly to ensure complete coverage of the area.

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Video 3: VEVOR Tow Behind Lawn Sweeper in operation, demonstrating effective debris collection.

### 5.2 Dumping the Collection Bag

When the collection bag is full, use the dumping rope to easily empty its contents without dismounting from your towing vehicle.

- Drive to your desired dumping location.
- Pull the dumping rope from your seat. This will tilt the collection bag forward, releasing the collected debris.
- Release the rope to return the bag to its operating position.





Figure 5: The large capacity collection bag with dumping rope design.

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Video 4: Vevor Lawn Sweeper - Demo Pull-Behind Grass, Leaf, and Yard. This video shows the sweeper in action and the dumping process.

## 6. MAINTENANCE

### 6.1 Cleaning

- After each use, clear any remaining debris from the brushes and collection bag.
- Inspect the brushes for wear or damage. Replace if necessary.
- Wipe down metal parts to prevent rust, especially if exposed to moisture.

### 6.2 Storage

The lawn sweeper is designed for easy storage.

- Fold the unit to reduce its footprint.

- Store in a dry, covered area such as a shed or garage to protect it from the elements.

## 7. TROUBLESHOOTING

If you encounter issues with your VEVOR Lawn Sweeper, refer to the following common problems and solutions:

- **Poor Debris Collection:**
  - Check brush height adjustment. Brushes may be set too high or too low.
  - Ensure brushes are not worn out. Replace if bristles are significantly shortened.
  - Verify operating speed. Too fast or too slow can reduce efficiency.
- **Debris Flying Out of Bag:**
  - Ensure the collection bag cover is properly secured.
  - Avoid overfilling the bag.
- **Wheels Not Turning or Brushes Jamming:**
  - Inspect for large debris (branches, rocks) caught in the brushes or gears. Clear any obstructions.
  - Check for loose or damaged wheel components.
- **Difficulty with Assembly:**
  - Refer to the detailed assembly videos and instructions. Pay close attention to part numbers and orientations.
  - Ensure all pre-installed screws and latches are correctly positioned before proceeding.
- **Bag Tearing or Damage:**
  - Avoid dragging the bag on rough surfaces when full.
  - Ensure support rods are correctly installed and not over-bent, as this can stress the bag material.

## 8. SPECIFICATIONS

Attribute	Value
Brand	VEVOR
Model Number	TC5001D
Power Source	Manual
Material	Metal



Color	Black
Item Weight	66.8 Pounds
Cutting Width	52 Inches
Product Dimensions	69.29"D x 60.24"W x 24.02"H
Assembly Required	No (Pre-assembled parts)
Maximum Adjustable Cutting Height	3.5 Inches
Minimum Adjustable Cutting Height	1 Inches

## 9. WARRANTY AND SUPPORT

VEVOR products come with a warranty. For detailed warranty information, technical support, or to provide feedback, please visit the official VEVOR support website.

**Official Support Website:** [www.vevor.com/support](http://www.vevor.com/support)

Please have your model number (TC5001D) and purchase information ready when contacting support.