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VEVOR BTC002C

VEVOR Heavy Duty ATV Trailer Steel Dump Cart

Model: BTC002C

1. Introduction

This manual provides essential information for the safe and efficient assembly, operation, and maintenance of your VEVOR Heavy Duty ATV Trailer Steel Dump Cart, Model BTC002C. Please read this manual thoroughly before initial use to ensure proper functionality and longevity of the product.

The VEVOR ATV Trailer is designed for efficient hauling of various materials such as wood, soil, gravel, and yard waste. It features a robust steel construction, a universal hitch for broad compatibility, and a convenient dumping mechanism.

2. Safety Information

Always prioritize safety when operating the ATV trailer. Failure to follow these instructions may result in personal injury or property damage.

- **Read the Manual:** Familiarize yourself with all instructions and warnings before assembly or operation.
- **Weight Capacity:** Do not exceed the maximum weight capacity of 750 pounds (340 kg). Overloading can cause instability and damage.
- **Secure Hitch:** Ensure the trailer is securely attached to the towing vehicle (ATV, UTV, lawn mower, tractor) using the universal hitch pin.
- **Even Load Distribution:** Distribute the load evenly within the cart to maintain balance and prevent tipping.
- **Terrain Awareness:** Exercise caution on uneven, sloped, or soft terrain. Reduce speed and avoid sharp turns.
- **Children and Pets:** Keep children and pets away from the trailer during operation and dumping.
- **Personal Protective Equipment (PPE):** Wear appropriate safety gear, including gloves and sturdy footwear, during assembly and operation.
- **Speed Control:** Do not tow the trailer at excessive speeds. Adjust speed according to terrain and load.
- **Braking Distance:** Be aware that towing a loaded trailer increases braking distance.

3. Parts List

Before beginning assembly, ensure all parts are present and undamaged. Refer to the diagram for visual identification.

Part	Description	Quantity
A	Main Cart Bed	1
B	Side Rails (Removable)	3
C	Rear Panel (Removable)	1
D	Axle Assembly	1
E	Pneumatic Tires (16" x 4")	2
F	Hitch Bar	1
G	Hitch Pin with Clip	1
H	Dumping Lever/Foot Pedal	1
I	Rubber Mat (for bed)	1
J	Hardware (Bolts, Nuts, Washers, Cotter Pins)	Assorted



Figure 1: Exploded view of VEVOR ATV Trailer components.

4. Assembly Instructions

Assembly typically takes about 30 minutes. It is recommended to have basic hand tools available (metric wrenches/sockets, pliers). Do not fully tighten nuts and bolts until all components are in place.

1. **Unpack Components:** Carefully remove all parts from the packaging. Check against the parts list to ensure

nothing is missing or damaged.

2. **Assemble Axle and Wheels:** Attach the pneumatic tires to the axle assembly using the provided hardware. Ensure wheels spin freely.
3. **Attach Main Cart Bed to Axle:** Secure the main cart bed to the axle assembly.
4. **Install Hitch Bar:** Connect the hitch bar to the front of the main cart bed.
5. **Attach Side Rails and Rear Panel:** Insert the side rails and rear panel into their designated slots on the cart bed. Secure them with the quick-release pins. These rails are removable for larger loads or easier dumping.
6. **Install Dumping Mechanism:** Attach the dumping lever/foot pedal to the hitch bar assembly.
7. **Insert Rubber Mat:** Place the rubber mat securely in the bottom of the cart bed.
8. **Final Tightening:** Once all components are assembled, go back and securely tighten all nuts and bolts.



Figure 2: VEVOR ATV Trailer with universal tow hitch for easy connection.



Figure 3: Reinforced steel construction for enhanced durability and load-bearing capacity.

▶ **Watch video online**
VEVOR ATV Dump Trailer

Video 1: Assembly overview of the VEVOR ATV Dump Trailer.

▶ **Watch video online**
VEVOR Heavy Duty Steel Atv Trailer Many Models Available

Video 2: Demonstration of the VEVOR Heavy Duty Steel ATV Dump Trailer in use.

▶ **Watch video online**
Vevor Heavy Duty Steel Atv Dump Trailer

Video 3: Quick release dump feature and removable sides for versatile use.

5. Operating Instructions

1. **Connecting the Trailer:** Align the hitch bar with the hitch point on your towing vehicle. Insert the hitch pin and

secure it with the clip. Ensure a snug fit to prevent detachment during operation.

2. **Loading the Cart:** Load materials evenly across the cart bed, keeping heavier items centered and low. Do not exceed the 750-pound weight capacity or 15 cubic feet volume. The side rails and rear panel can be used to contain larger loads.
3. **Towing:** Drive slowly and cautiously, especially on uneven terrain or when turning. The 16" x 4" pneumatic tires are designed for shock absorption and maneuverability over rough surfaces.
4. **Dumping:** To dump the contents, engage the dumping lever/foot pedal located near the hitch. This will tilt the cart bed, allowing materials to slide out. For easier dumping of bulk materials, the rear panel can be removed by pulling its quick-release pins.



Figure 4: The trailer offers a large capacity of 15 cubic feet and can handle loads up to 750 pounds.



Figure 5: Flexible dumping options with either a hand pull or foot lever.

6. Maintenance

- **Cleaning:** After each use, especially after hauling wet or corrosive materials, clean the cart bed and frame thoroughly to prevent rust and corrosion.
- **Lubrication:** Periodically lubricate moving parts, such as the axle and dumping mechanism, to ensure smooth operation.
- **Tire Pressure:** Check and maintain proper tire pressure in the pneumatic tires as recommended by the manufacturer to ensure optimal performance and longevity.
- **Hardware Check:** Regularly inspect all nuts, bolts, and pins for tightness. Tighten any loose fasteners to prevent parts from detaching during operation.
- **Storage:** Store the trailer in a dry, covered area to protect it from the elements when not in use. If storing upright, ensure it is securely braced to prevent tipping.

7. Troubleshooting

Problem	Possible Cause	Solution
Difficulty in Assembly	Instructions unclear; parts not aligned.	Review instructions carefully. Do not fully tighten bolts until all parts are loosely assembled. Seek online assembly videos for visual guidance.
Trailer unstable or tips easily	Overloaded; uneven load distribution; loose connections.	Reduce load to within capacity. Distribute load evenly. Check and tighten all hitch and frame connections.
Dumping mechanism sticks	Lack of lubrication; debris in mechanism.	Clean mechanism and apply lubricant. Ensure no debris obstructs movement.
Tires losing air quickly	Puncture; valve stem issue; improper inflation.	Inspect tires for damage. Check valve stems. Inflate to recommended pressure. Repair or replace if necessary.
Missing parts upon delivery	Shipping damage; packaging issues.	Contact VEVOR customer support immediately with your order details.

8. Specifications

Feature	Detail
Model Number	BTC002C
Weight Capacity (Max)	750 lbs (340 kg)
Volume Capacity	15 Cubic Feet
Product Dimensions (L x W x H)	78.7"D x 42.1"W x 29.9"H (200 x 107 x 76 cm)
Net Weight	97.0 lbs (44 kg)
Wheel Size	16" x 4" (40.6 x 10.2 cm)
Tire Type	Pneumatic
Material	Alloy Steel
Color	Black
UPC	840349925318



Figure 6: Detailed dimensions and specifications for the VEVOR ATV Trailer.

9. Warranty and Support

VEVOR is committed to providing you with quality products and excellent customer service. For technical support, warranty information, or any inquiries regarding your VEVOR ATV Trailer, please visit the official VEVOR support page or contact customer service.

Online Support: www.vevor.com/support

For additional information and product range, visit theVEVOR Store on Amazon.

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