



ATV TRAILER WITH WINCH

USER MANUAL

MODEL: AV800



WARNING

Read and understand the complete User Manual before assembling or using this product. Failure to comprehend and comply with the warnings, cautions and instructions for assembly and operation could result in serious injury or death.

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1. GENERAL INFORMATION

This heavy-duty tipping trailer is designed for use with ATV, UTV and compact tractors. It is intended for agricultural, gardening, construction and general material transport.

TECHNICAL SPECIFICATIONS

- Model: AV800
- Max. Payload: 800 kg
- Weight: 208 kg
- Overall Dimensions: 300 × 118 × 100cm+30cm
- Cargo Box Outer Dimensions: 178 x 118 x 56 cm+30cm
- Cargo Box Inner Dimensions: 172 × 110× 52cm+30cm
- Tyre Size: 22×11-8
- Ground clearance of crossbeam: 28cm
- Tipping System: Manual hand winch

WARNING: Read all instructions before assembly and use. Failure to comply may result in serious injury or death.

2. SAFETY

SAFETY CONVENTIONS

Remember, any piece of equipment like a utility trailer can cause injury if operated improperly or if the user does not understand how to operate the equipment. Exercise caution at ALL times when using your tow vehicle and the trailer.

DANGER

This indicates a hazardous situation, which, if not avoided, could result in death or serious injury.

WARNING

This indicates a hazardous situation, which, if not avoided, could result in minor or moderate injury.

CAUTION

This information is important in proper use of your machine. Failure to follow this instruction could result in damage to your machine or property.

IMPORTANT SAFETY INFORMATION

By following these instructions, you will maximize the life of your trailer and help safely transport your cargo.

- A. Make sure that the towing vehicle and the hitch on your vehicle are more than capable of towing the trailer. Check your vehicle Owner's Manual for trailer ratings.
- B. Check that the trailer coupler is fastened securely onto the towing vehicle's receiver hitch and that the locking lever is engaged.
- C. Inspect the trailer and all parts before each use.
- D. Check to ensure that all wheel bolts, hub nuts and suspension pivot pins are tight and secure.
- E. Lubricate the coupler, suspension pivots, tailgate hinges and the winch mechanism periodically to prevent corrosion and keep parts moving freely.

DO NOT ABUSE THE TRAILER

The trailer performs best if you follow the guidelines set forth in this manual.

- DO NOT force the trailer to do a job it is not designed for.
- Know your trailer; learn its limitations and applications.

KEEP CHILDREN AWAY

Be sure children are kept a safe distance from the trailer operating area.

DANGER

NEVER SIT OR RIDE ON THE TRAILER. SERIOUS INJURY OR DEATH COULD OCCUR.

CAUTION

Vehicle braking and stability may be affected with the addition of this trailer.

WARNING

An overloaded trailer or improper distribution of load weight or shifting cargo can result in the loss of control of the trailer, leading to death or serious injury.

A. DO NOT exceed the trailer payload capacity.

B. Tie down all loads with proper sized fasteners, ropes, straps, etc.

C. BE SURE TO: distribute the load front-to-rear and provide proper tongue weight; distribute the load evenly left to right; and keep the center of gravity low.

WARNING

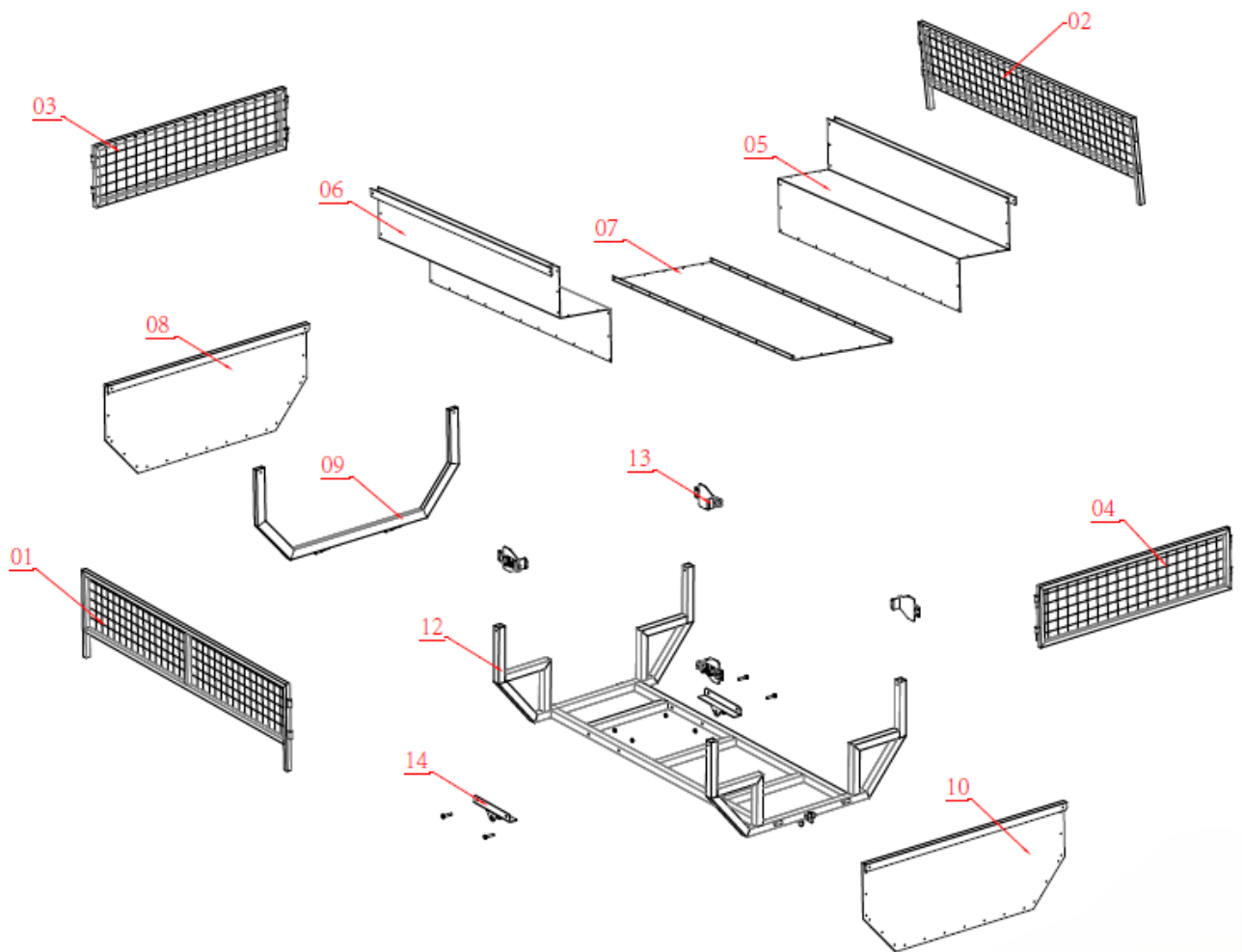
An improperly coupled trailer can result in death or serious injury. DO NOT tow the trailer until:

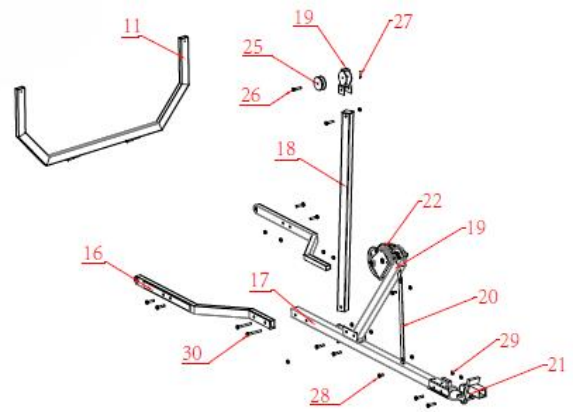
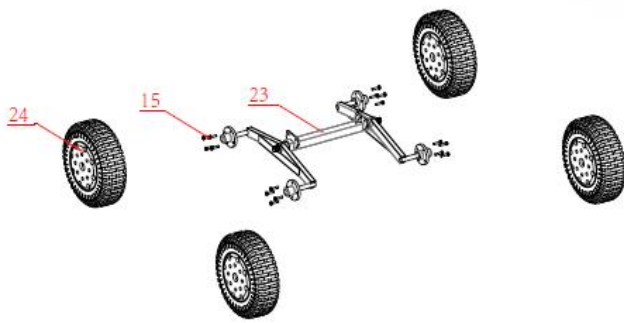
- A. The coupler is secured and locked to the hitch;
- B. Tires and wheels are checked; and
- C. The load is secured to the trailer.

DUMP OPERATION HAZARDS:

- A NEVER stand or place any part of your body under the raised bed.
- B Keep hands and fingers clear of the winch cable, pulley and pivot points while operating the winch.
- C Release the winch ratchet slowly and lower the bed at a controlled speed.
- D Make sure the load is stable and will not shift when the bed is raised.
- E The winch is designed for dumping only. Do not use it to lift heavy objects into the bed.

3.EXPLODED VIEW





PARTS LIST

ITEM	DESCRIPTION	PART NO.	QTY
1	Bed end gate (left)	AS-01	1
2	Bed end gate (right)	AS-02	1
3	Wire-mesh side panel (cage)	AS-03	1
4	Wire-mesh side panel (cage)	AS-04	1
5	side panel	AS-05	1
6	side panel	AS-06	1
7	Baseplate	AS-07	1
8	Door frame panel	AS-08	1
9	Door frame	AS-09	1
10	Door frame panel	AS-10	1
11	Door frame	AS-11	1
12	Frame welded assembly	AS-12	1
13	buckle	AS-13	4
14	fixed plate	AS-14	2
15	Axle beam assembly	AS-15	2
16	Axis beam	AS-16	2
17	Central beam	AS-17	1
18	Lifting arm	AS-18	1
19	Winch mounting beam	AS-19	1
20	support rod	AS-20	1
21	Drawbar mounting bracket	AS-21	1
22	Hand winch	AS-22	1
23	spindle	AS-23	1

24	Wheel and tire 22 x 11-8	AS-24	4
25	Pulley (mast top)	AS-25	1
26	Bolt	AS-26	1
27	nut	AS-27	1
28	Bolt	AS-28	2
29	nut	AS-29	2
30	Bolt	AS-30	2

4. ASSEMBLY

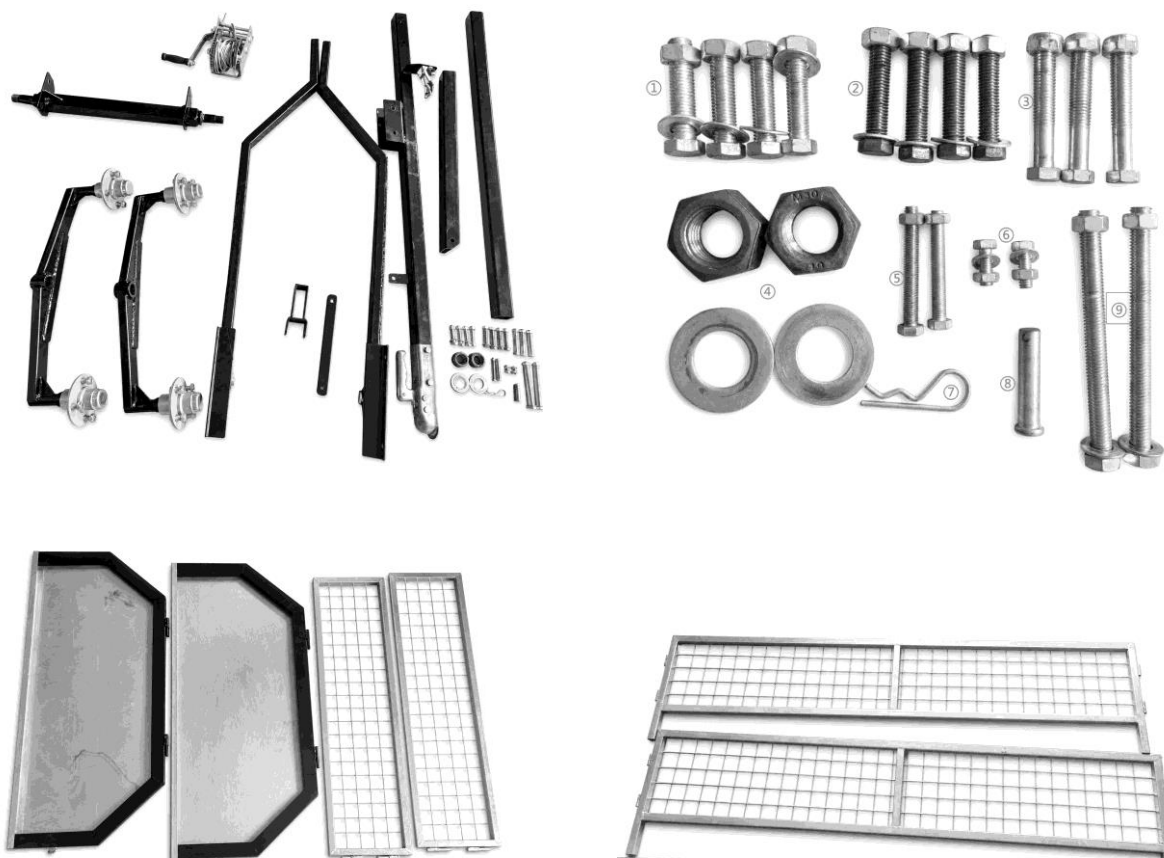
Tools required (not included):

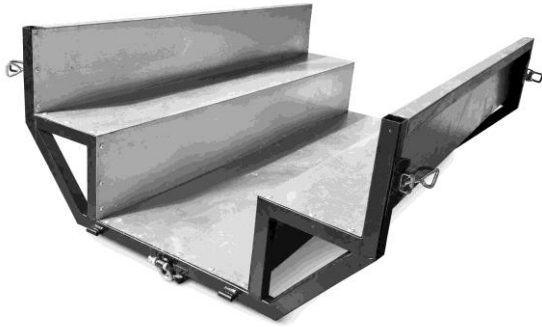
17 mm and 19 mm combination wrenches, socket wrench set, rubber mallet, pliers (for cotter pins and R-clips).

NOTE: Unpack all parts and check them against the parts inventory below before starting. The numbered red circles on the photographs show the fasteners or joints to be made in each step.

STEP 0 PARTS INVENTORY

Check that every part shown below is present and undamaged before assembly.





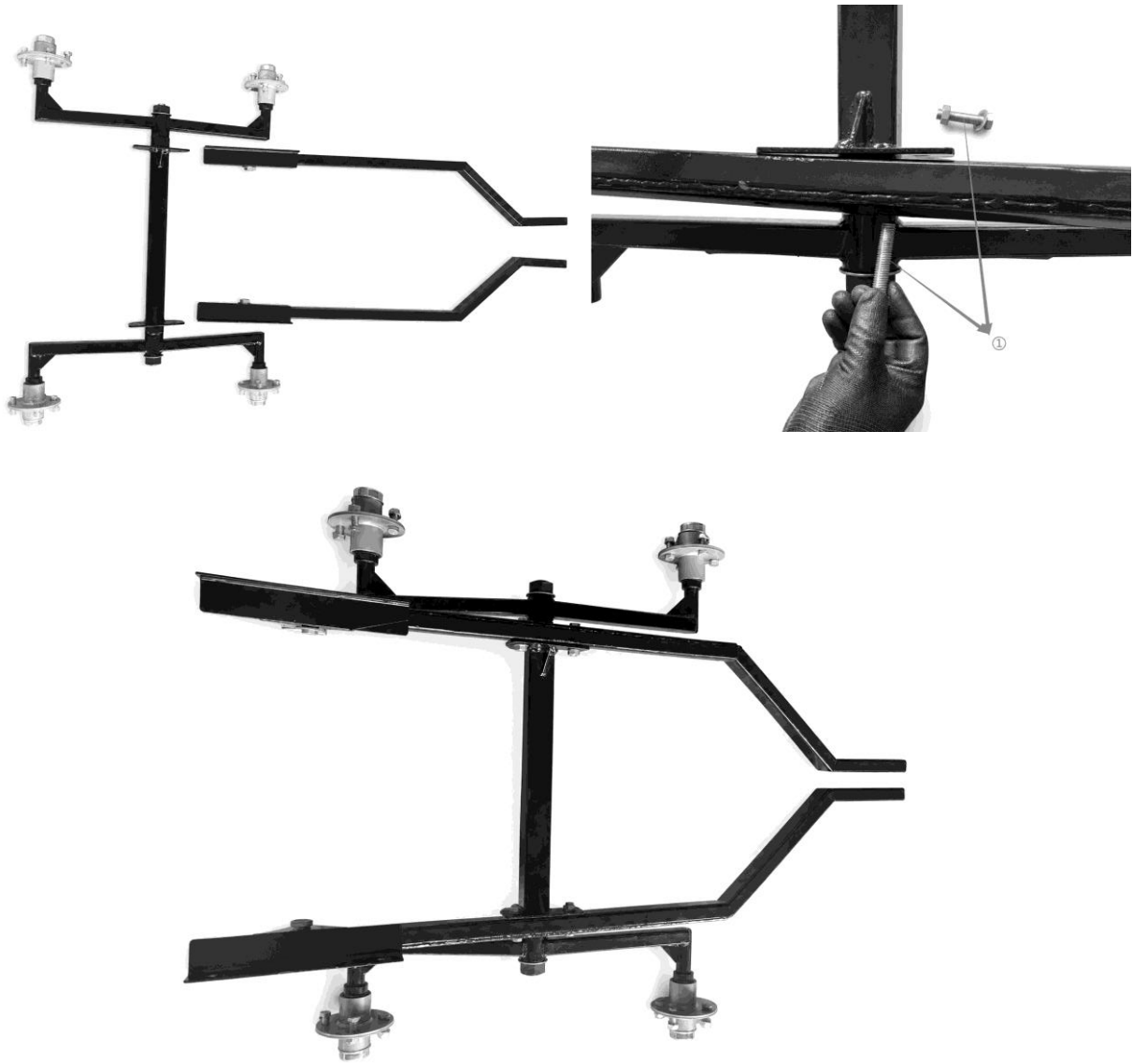
STEP 1 ASSEMBLE THE AXLE BEAM

Lay out the axle beam. Align the axle mounting brackets with the beam ends and fasten them with the bolts (marked ④). Verify that the four wheel spindles point outward.



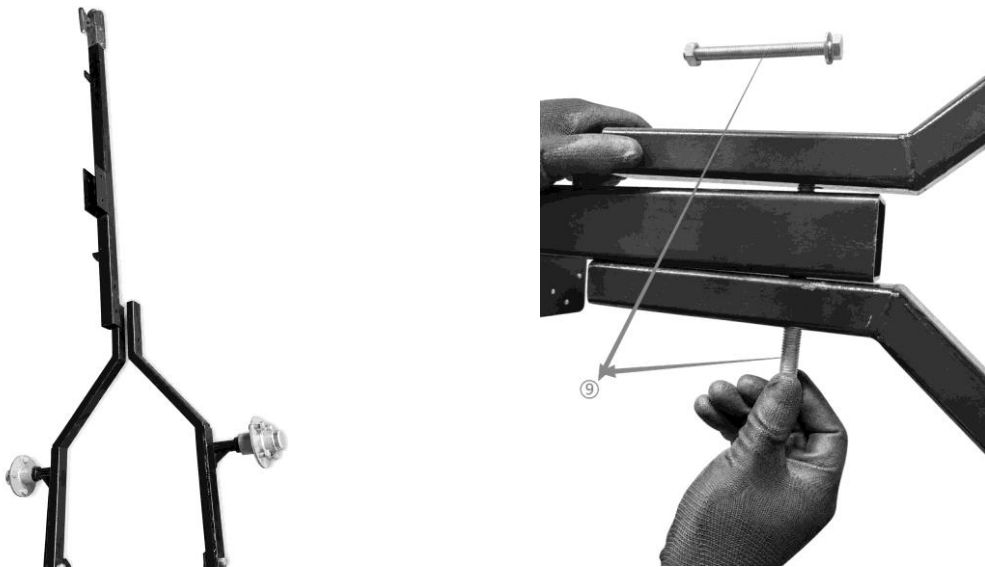
STEP 2 JOIN THE FRAME SECTIONS

Fit the frame sections together. Insert the bolts through the pre-drilled holes (marked ①) and tighten them with the nuts. Repeat for all joints.



STEP 3 ASSEMBLE THE HITCH AND TONGUE

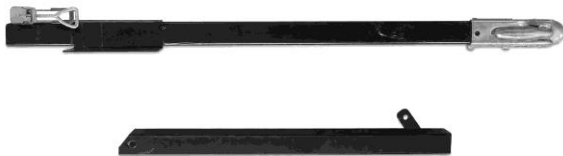
Attach the tongue to the front of the frame. Connect the hitch pieces with the bolts (marked ⑨) and make sure the coupler faces forward.





STEP 4 FRAME JOINTS AND LOCKING PINS

Assemble the vertical post to the horizontal beam. Insert the locking pin (marked ③) through the joint and secure it with the ring / clip.



STEP 5 COUPLER POST AND DIAGONAL BRACES

Install the coupler post on the tongue. Fit the short support piece (marked ⑥), insert the pin, and bolt the diagonal braces to the frame beam.





STEP 6 ASSEMBLE THE FRAME STRUCTURE

Assemble the longitudinal rails and the diagonal braces. Tighten the junction connections (marked ③) on both sides.



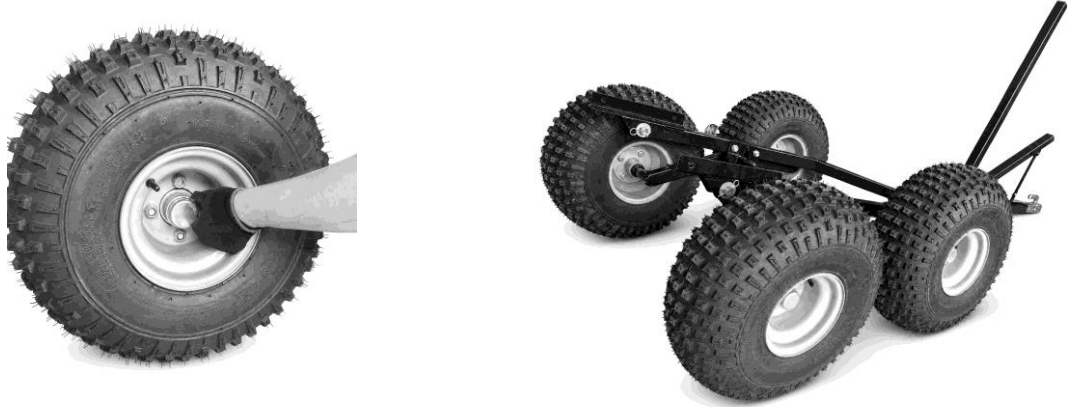
STEP 7 POSTS AND RECEIVER TUBES

Slide the square posts into the receiver tubes (marked ③) and bolt the joints. Fit the U-shaped bracket at the joint.



STEP 8 MOUNT THE WHEELS AND AXLES

Mount the wheels onto the hubs and secure them with the lug nuts. The walking-beam tandem axle carries two wheels per side.



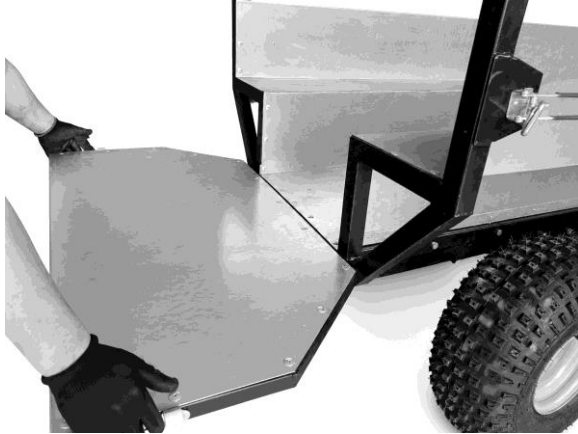
STEP 9 MOUNT THE GALVANIZED DUMP TUB

With two people, lift the galvanized dump tub onto the frame and align the mounting points. Secure the tub with the bolts, then insert the hitch pin (marked ②) at the rear pivot.



STEP 10 INSTALL THE BED PANELS

Position the bed panels onto the frame and fasten them with the supplied bolts. Check that the panels sit flush and the hinges align.



STEP 11 INSTALL THE MESH CAGE AND TAILGATE

Fit the wire-mesh cage panels onto the top rails of the bed and connect them with the hinges. Secure the cage corners with the toggle latches and install the tailgate.



STEP 12 INSTALL THE WINCH, CABLE AND HITCH

Bolt the hand winch to the tongue bracket (marked ⑤). Thread the steel cable over the pulley at the top of the mast (marked ⑦, ⑧), pull the cable tight and attach the hook to the bed front bracket.



Assembly completion photo

5. OPERATION — DUMPING

The trailer bed is raised by a manual hand winch mounted on the front mast. The steel cable runs from the winch up over the pulley at the top of the mast and attaches to the front bracket of the bed. Cranking the winch pulls the front of the bed upward; the bed pivots on the rear hinge of the frame.

To dump the load:

1. Park the trailer on level ground and chock the wheels. Apply the parking brake of the towing vehicle.
2. Release the tailgate toggle latches and open the tailgate.
3. Make sure the cable hook is attached to the bed front bracket and the cable is not twisted or damaged.
4. Crank the winch handle to raise the front of the bed until the load slides out.
5. To lower the bed, engage the ratchet release and let the bed down slowly and smoothly. Keep hands clear of the cable and pivot areas.
6. Close and re-latch the tailgate before towing.

WARNING:

Before towing after dumping, confirm that the bed is fully lowered and locked, the tailgate is latched, and the load is properly secured.

6. MAINTENANCE

- Clean the trailer after each use. Remove mud and debris.
- Lubricate winch, hinges and moving parts regularly.
- Check tyre pressure and wheel nut tightness.
- Inspect cables, bolts and safety components.
- Store in a dry, covered area.
- Use only original or EU-compliant spare parts.

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