



Trailer - Tipper body

Model:RACR225

CAUTION: Read this manual before using this unit!

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1. GENERAL WARNINGS AND RULES

GENERAL WARNINGS



READ and UNDERSTAND this manual completely before using this unit.

Operator must read and understand all safety and warning information, operating instructions, maintenance and storage instructions before operating this equipment. Failure to properly operate and maintain the Trailer - Tipper body could result in serious injury to the operator or bystanders.

OPERATION WARNINGS

- Do not at any time carry passengers sit or stand on the trailer.
- Do not allow children to play on, stand upon or climb in the trailer.
- Always inspect the trailer before using to assure it is in good working condition. Replace or repair damaged or worn parts immediately.
- Always check and tighten hardware and assembled parts before operation. Do not exceed equipment maximum load capacity of 225kg.
- Avoid large holes and ditches when transporting loads.
- Be careful when operating on steep grades (hill) the trailer may tip over. Always operate at reduce speed in rough terrain, ditches and on hillsides. Do not operate close to ditches and public highways.
- To avoid personal injury and/or equipment damage DO NOT EXCEED 10 MPH. Always use caution when loading and unloading the trailer.
- Only tow with recommended vehicles (Lawn/Garden Tractors and ATVs). Always secure and lock trailer to the vehicle hitch before operating.

CRUSH AND CUT HAZARDS

- Always keep hands and feet clear from moving parts while operating the equipment.
- Always clear and keep work area clean when operating.
- Always wear safety gear, eye protection, gloves and work boots when operating the trailer.



WARNING:






The warnings, cautions, and instructions outlined in this instruction manual cannot cover all possible conditions or situations that may occur. It must be understood by the operator that common sense and caution are factors which cannot be built into this product and must be supplied by the operator.

ASSEMBLY IS REQUIRED

This product requires assembly before use. See "Assembly" section for instructions. Because of the weight and/or size of the trailer - Tipper body, it is recommended that another adult be present to assist with the assembly.

INSPECT ALL COMPONENTS closely upon receipt to make sure no components are missing or damaged.

2. HAZARD SIGNAL WORD DEFINITIONS

	<p>This is the safety alert symbol, it is used to alert you to potential personal injury hazards. Pay attention to all safety messages to avoid possible serious injury.</p>
	<p>DANGER indicates an imminently hazardous situation which, if not avoided could result in serious injury.</p>
	<p>WARNING indicates an imminently hazardous situation which, if not avoided could result in serious injury.</p>
	<p>CAUTION indicates an imminently hazardous situation which, if not avoided could result in an injury.</p>
<p>CAUTION</p>	<p>CAUTION used without the safety alert symbol indicates a potentially hazardous situation which, if not avoided, may result in property damage.</p>
	<p>Beware of injury for your hands</p>

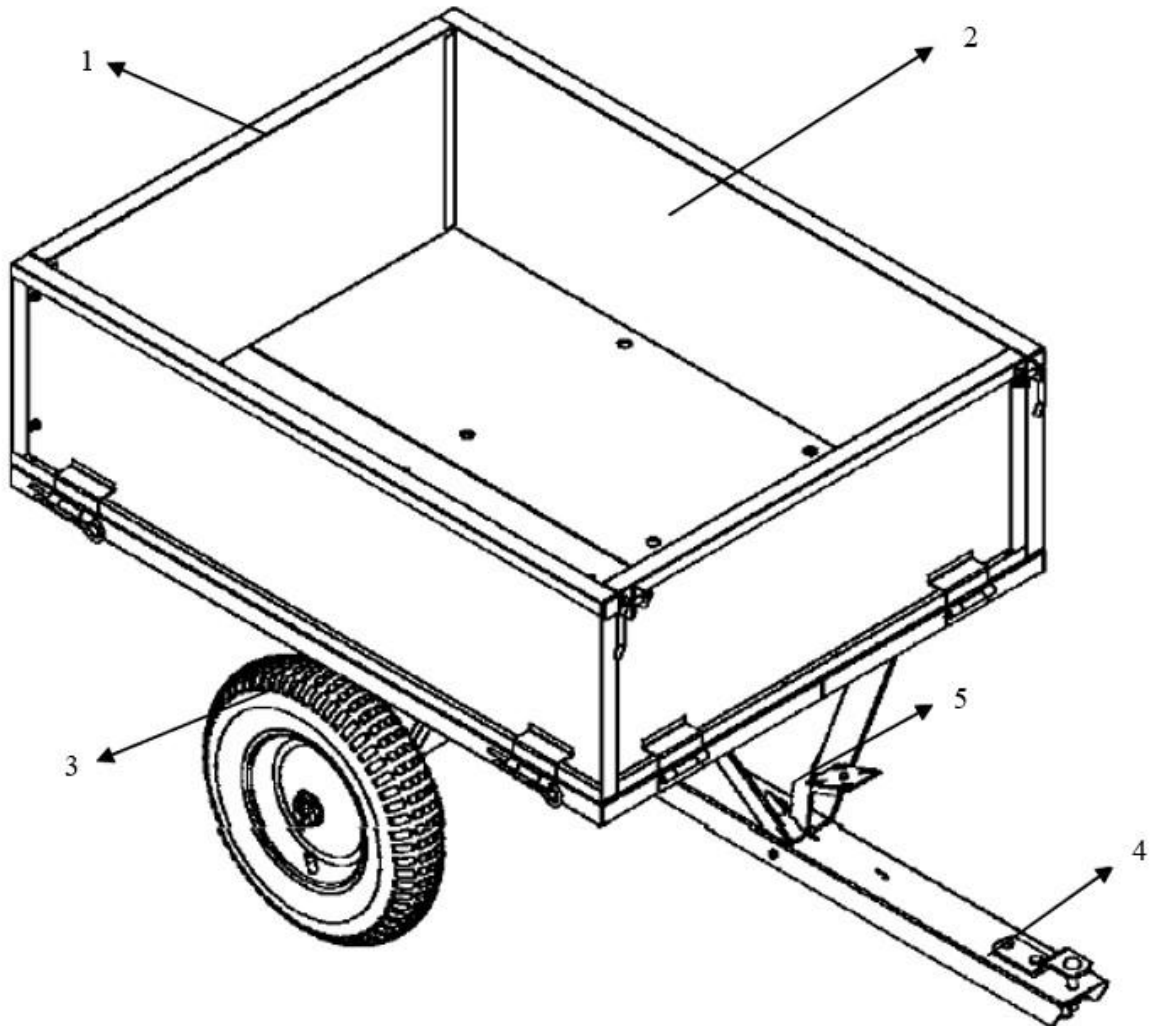
ABOUT YOUR TRAILER - TIPPER BODY

This Trailer - Tipper body has a rugged steel construction and is designed to carry a wide range of materials. The trailer will easily haul up to 225kg of tools, firewood, animal feed, trash, landscaping materials, cement or anything else that needs to be moved. Easy to use removable tailgate makes loading and un-loading fast and convenient. Never exceed the rated load capacity of 225kg when operating the Trailer - Tipper body.

Technical specifications on the Trailer - Tipper body are provided in the “Specifications” section of this manual.

3. CONTROLS AND FEATURES IDENTIFICATION

Read this owner's manual before operating the equipment.
Familiarize yourself with the location and function of the controls and features.
Save this manual for future reference.



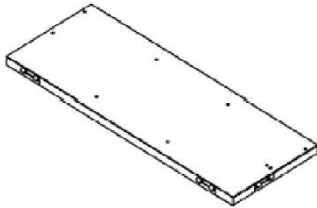
- 1) **Removable Tailgate** – Push up to remove for loading and unloading.
- 2) **Trailer Box** – Do not exceed rated load capacity 225kg.
- 3) **Tyres / Wheel** – Do not exceed the recommended rate.
- 4) **Hitch** – Pin-type design use only with approve vehicles.
- 5) **Release Pedal** – Release the trailer bed.

4. COMPONENT & HARDWARE

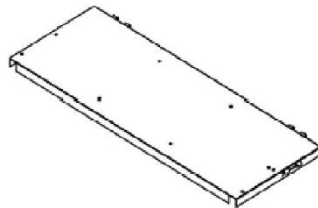


CAUTION

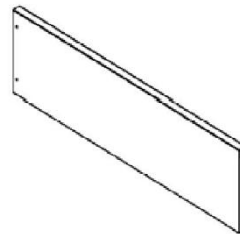
Read and follow all instructions for assembly and operation. Failure to properly assemble this equipment could result in serious injury to the user or bystanders, or cause equipment damage.



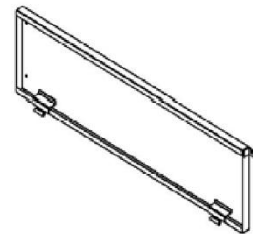
Left Bottom Panel
1pc



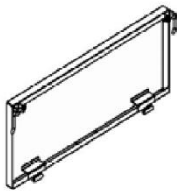
Right Bottom Panel
1pc



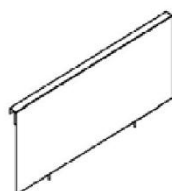
Right Side Panel
1pc



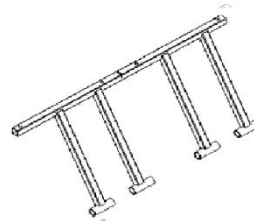
Left Side Panel
1pc



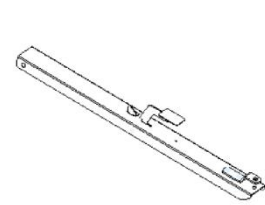
Front Panel
1pc



Rear Panel
1pc



Wheel Axle Support
2pcs



Hitch Tongue
1pc



Wheel
2pcs



Tongue Support
1pc



Wheel Axle
1pc



Support Tube
2pcs



Hinge Pin
6pcs



R Pin Ø3
2pcs



Flat Washer Ø16
4pcs



Screw M8x20
2pcs



Screw M8x35
12pcs



Nylon Lock
Nut M8
14pcs

NOTE: You may have extra nuts & bolts when finished.

5. ASSEMBLY INSTRUCTIONS

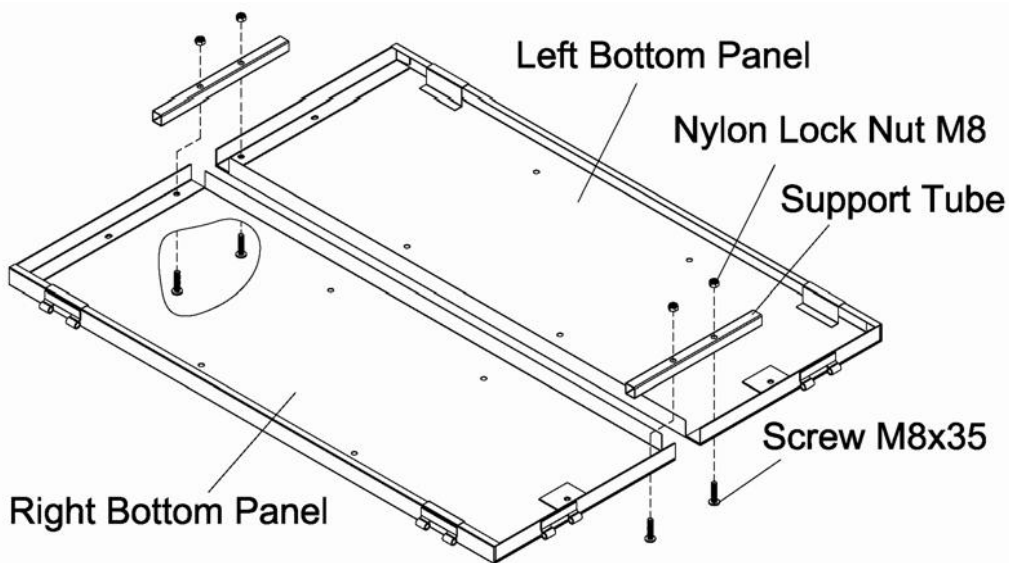
Take all parts out of the shipping crate and inspect components to ensure there are no missing pieces before starting to assemble the Trailer - Tipper body follow steps 1 through 8.

TOOLS REQUIRED

- Pliers
- Screw Driver
- 10mm & 13mm Wrench

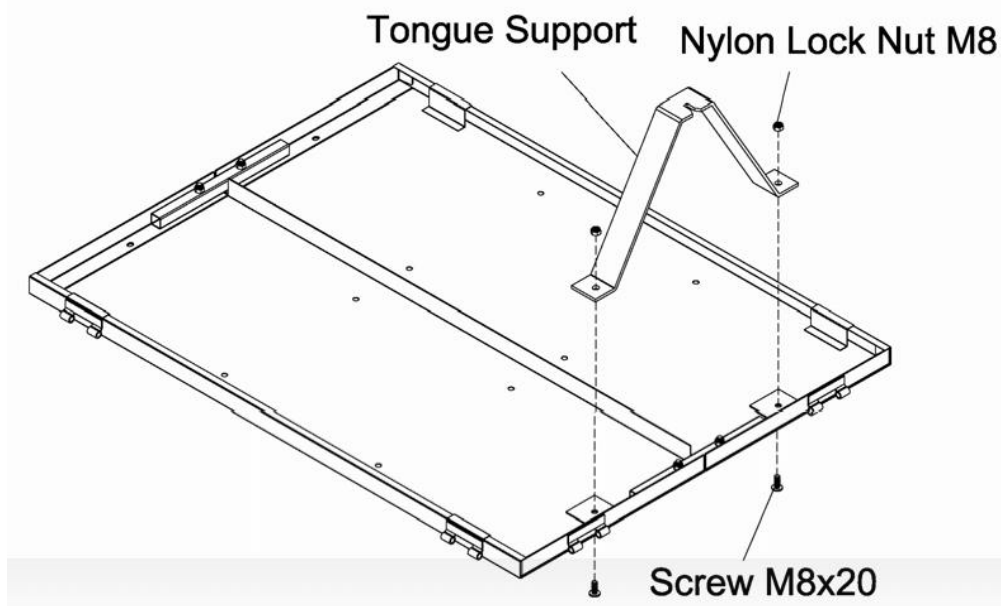
STEP 1: ATTACH BOTTOM PANELS AND SUPPORT TUBES

- Put the left bottom panel and right bottom panel together.
- Attach the support tubes to the panels using four sets of M8x35 screws and M8 nylon lock nuts.



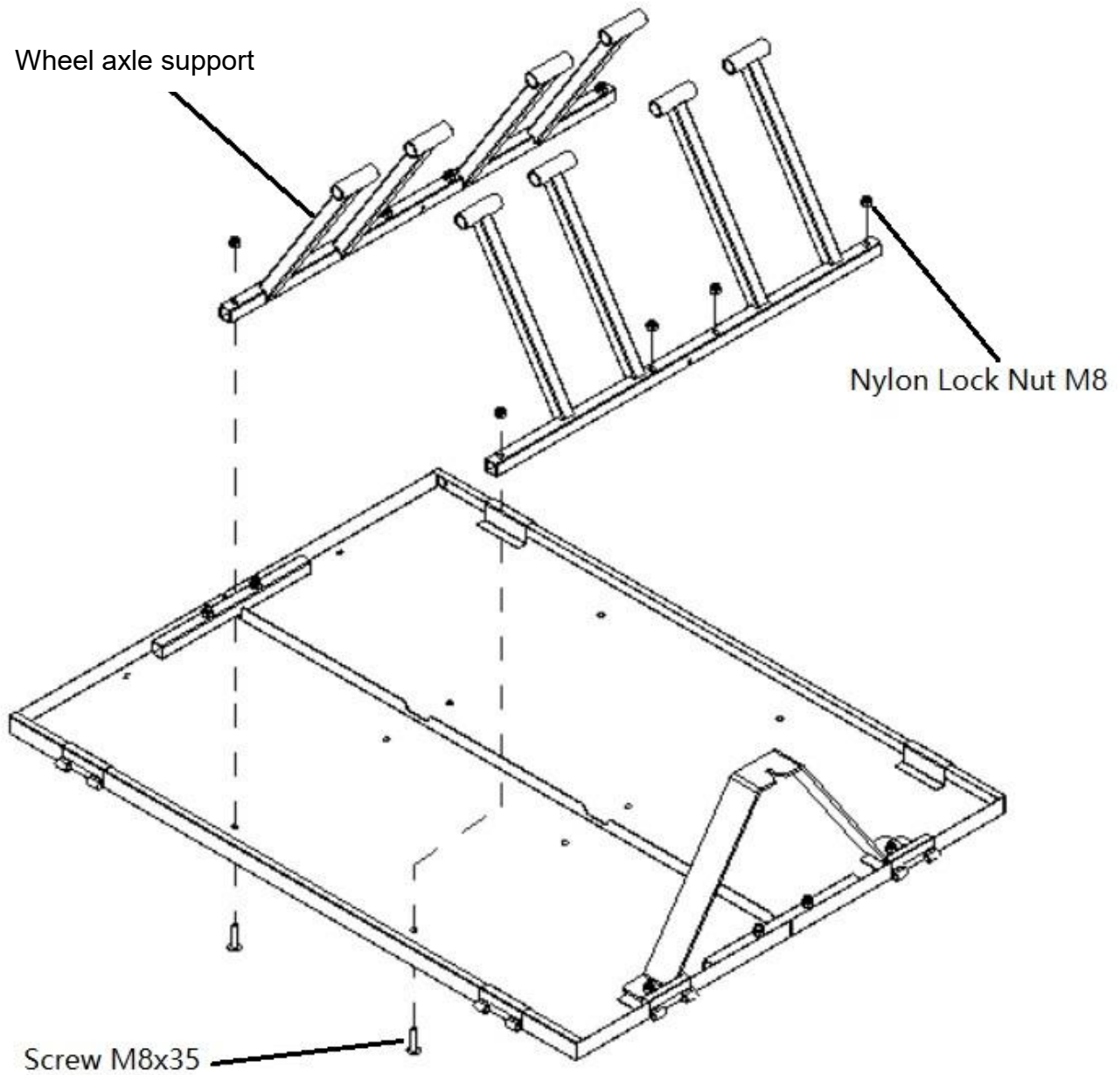
STEP 2: ATTACH TONGUE SUPPORT

- Attach the tongue support to the bottom panels using two sets M8x20 screws and M8 nylon lock nuts.



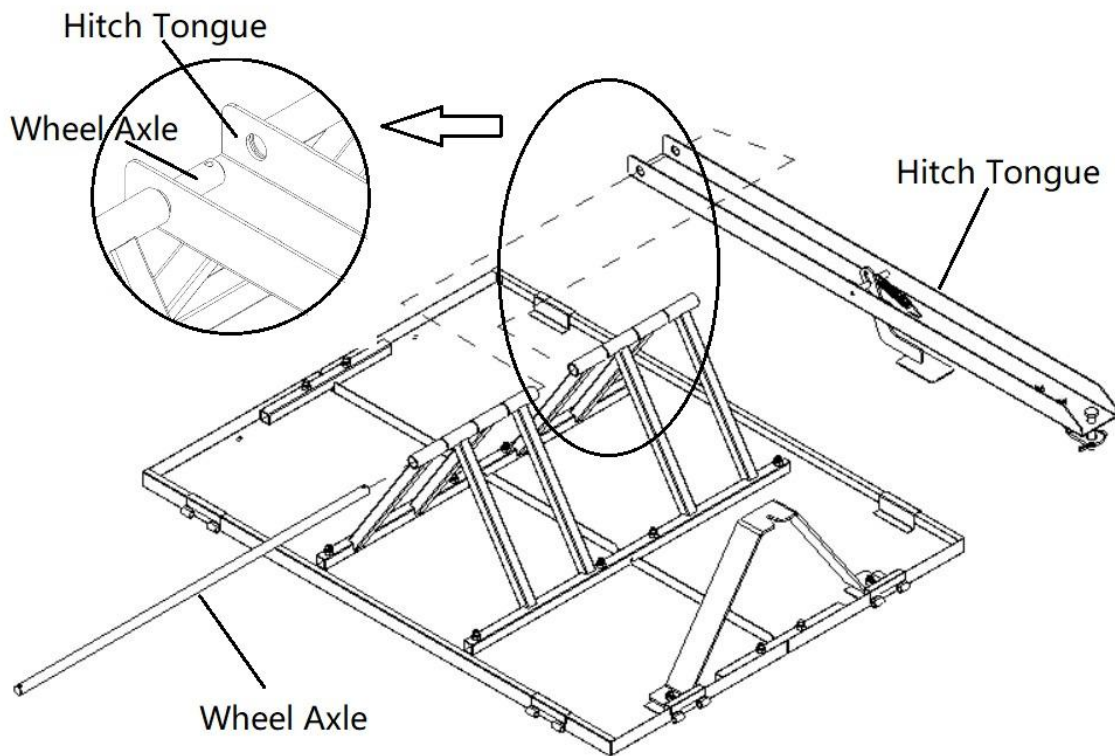
STEP 3: ATTACH THE WHEEL AXLE SUPPORT

- Put together the two wheel axle supports and attached them to the bottom panels using eight sets of the M8x35 Screws and M8 nylon lock nuts. Loosely tighten the nuts.



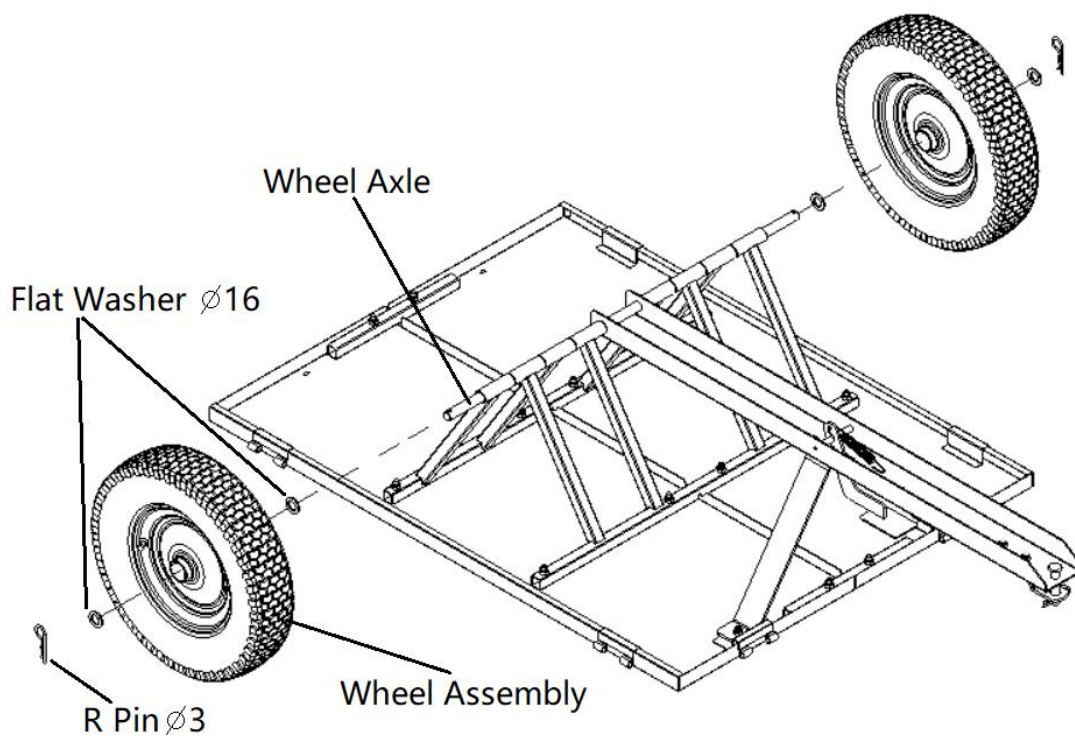
STEP 4: ATTACH WHEEL AXLE

- Center the hitch tongue assembly in the wheel axle support.
- Insert the axle through the hole and slide it through both the axle support and the hitch tongue assembly.
- Tighten all hardware in steps 3.



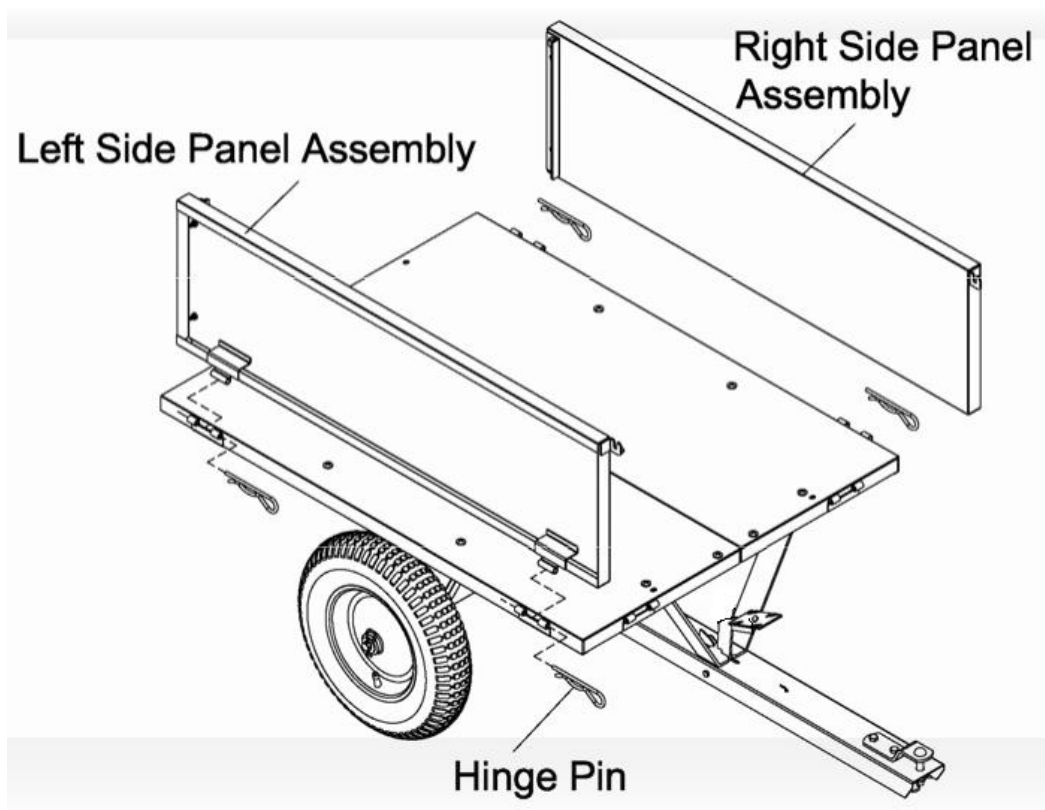
STEP 5: ATTACH THE WHEELS

- Put an Ø16 flat washer on the axle; slide the wheel over the end, followed by the second Ø16 flat washers and secure with Ø3 R-pin.
- Repeat the process for the other side of the axle.



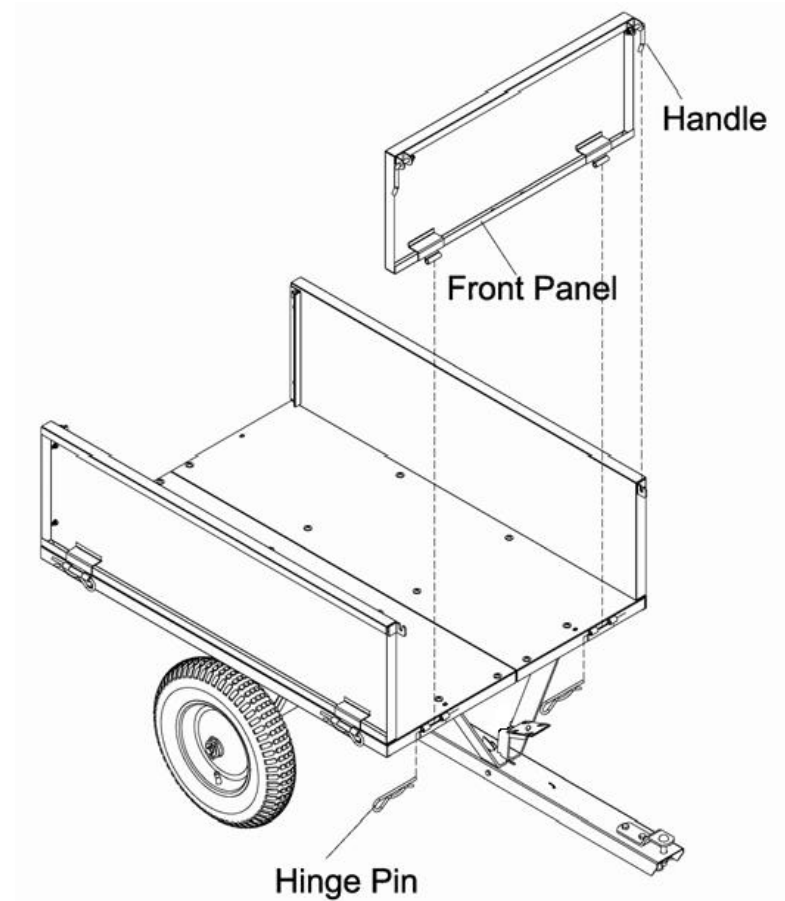
STEP 6: ATTACH SIDE PANEL

- Attach the left and right sides panel assemblies to the bottom panel using the four hinge pins.



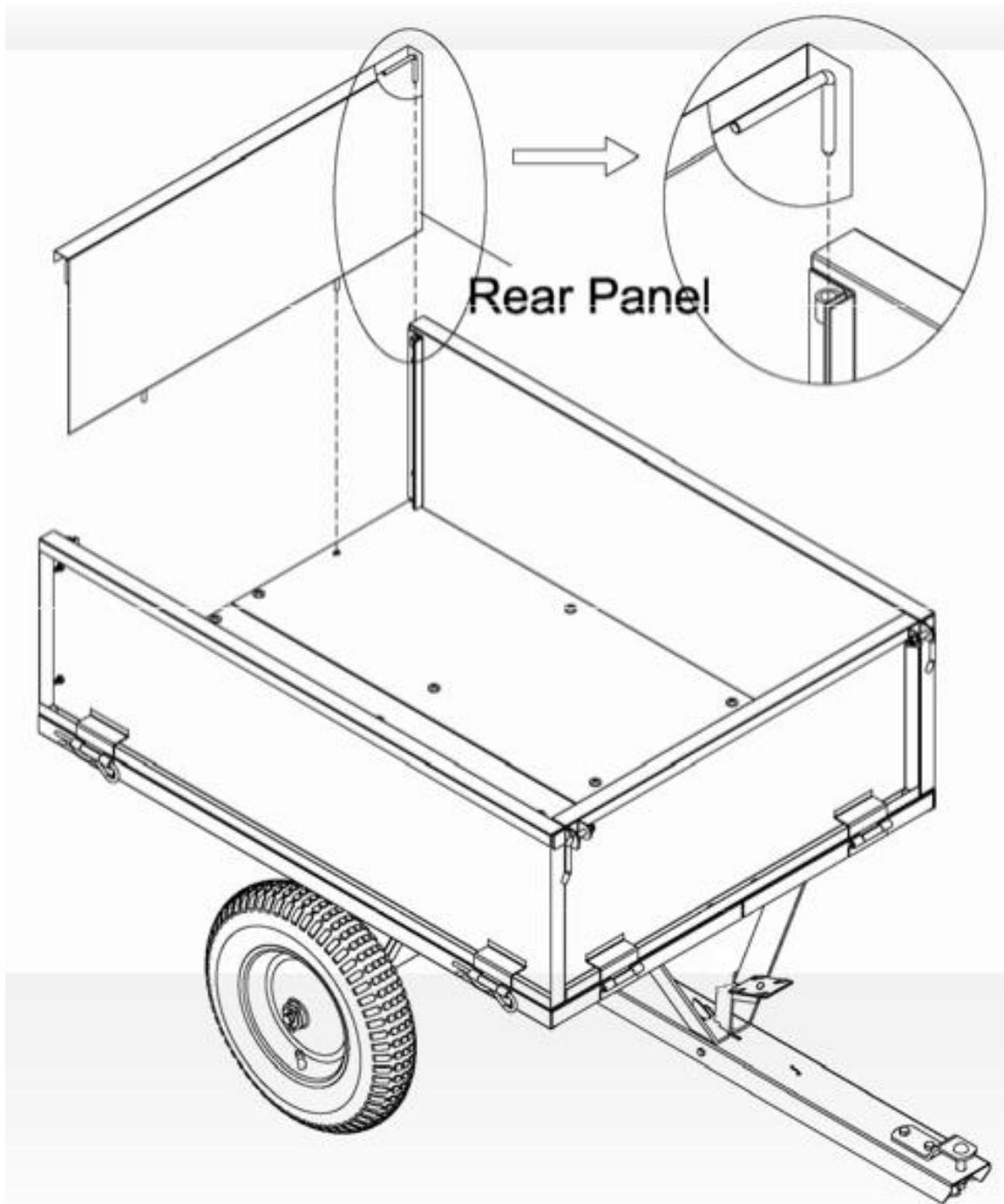
STEP 7: ATTACH THE FRONT PANEL

- Attach the front panel to the bottom panel and secure using the using the two hinge pins.
- Lock the left and right sides panel assemblies in place using the Handle.



STEP 8: ATTACH THE REAR PANEL

- Slide the rear panel through the slots on the back side panels.
NOTE: The rear panel pins must go through the holes on the side panels to lock the panel in place.



6. OPERATION INSTRUCTIONS



Before using the Trailer - Tipper body, review the instructions below and safety information. Failure to follow these instructions may result in property damage or injury to the operator or bystanders.

- 1) **DO NOT** exceed rated capacity of 225kg.
- 2) **ALWAYS** secure and lock the utility trailer to the vehicle hitch before operating.
- 3) **ONLY** use approved vehicles when towing the trailer (Lawn/Garden Tractors and ATVs)
- 4) **NEVER** tow the Trailer - Tipper body with box raised.
- 5) **DO NOT** over fill the Trailer - Tipper body. Over flow loads can cause the trailer and towing vehicle to lose traction and skid out of control.
- 6) **ONLY** fill the trailer to a comfortable load and dump to tip. Extremely heavy loads will be difficult to operate and dump.
- 7) **ALWAYS** use the trailer for its intended purpose.
- 8) **ALWAYS** make sure that the tow vehicle and the combined weight of the operator **MUST BE** greater than the load of the trailer weight for proper control.
- 9) **DO NOT** use trailer on public highways or roads.
- 10) **NEVER** exceed 10mph when towing the trailer.
- 11) **DO NOT** make sharp turns that may cause the Lawn/Garden Tractor or ATV tyres to rub against the Trailer - Tipper body.
- 12) **ALWAYS** slow down before turning.
- 13) **ALWAYS** use caution when backing the utility trailer. To avoid the trailer from “jack-knifing” always back up in a straight line.

7. MAINTENANCE AND STORAGE



Improper maintenance and storage of the utility steel cart may void your warranty.

MAINTENANCE

- After each use clean material out of the trailer box.
- Rinse/dry inside and outside of the trailer after each use.
- Before operating make sure the tyres have the RECOMMENDED TYRE PRESSURE.
- Regularly grease the axle and the wheel bearing area or when needed.
- Periodically check all fasteners for tightness.
- Annually clean and lightly lubricate parts.
- Use a glossy enamel spray paint to touch up scratched or worn painted metal surfaces.
- Never exceed load capacity rating of 225kg, it will damage the Trailer - Tipper body.

IMPORTANT:

If a part needs replacement, only use parts that meet the manufacturer's specifications. Replacement parts that do not meet specifications may result in a safety hazard or poor operation.

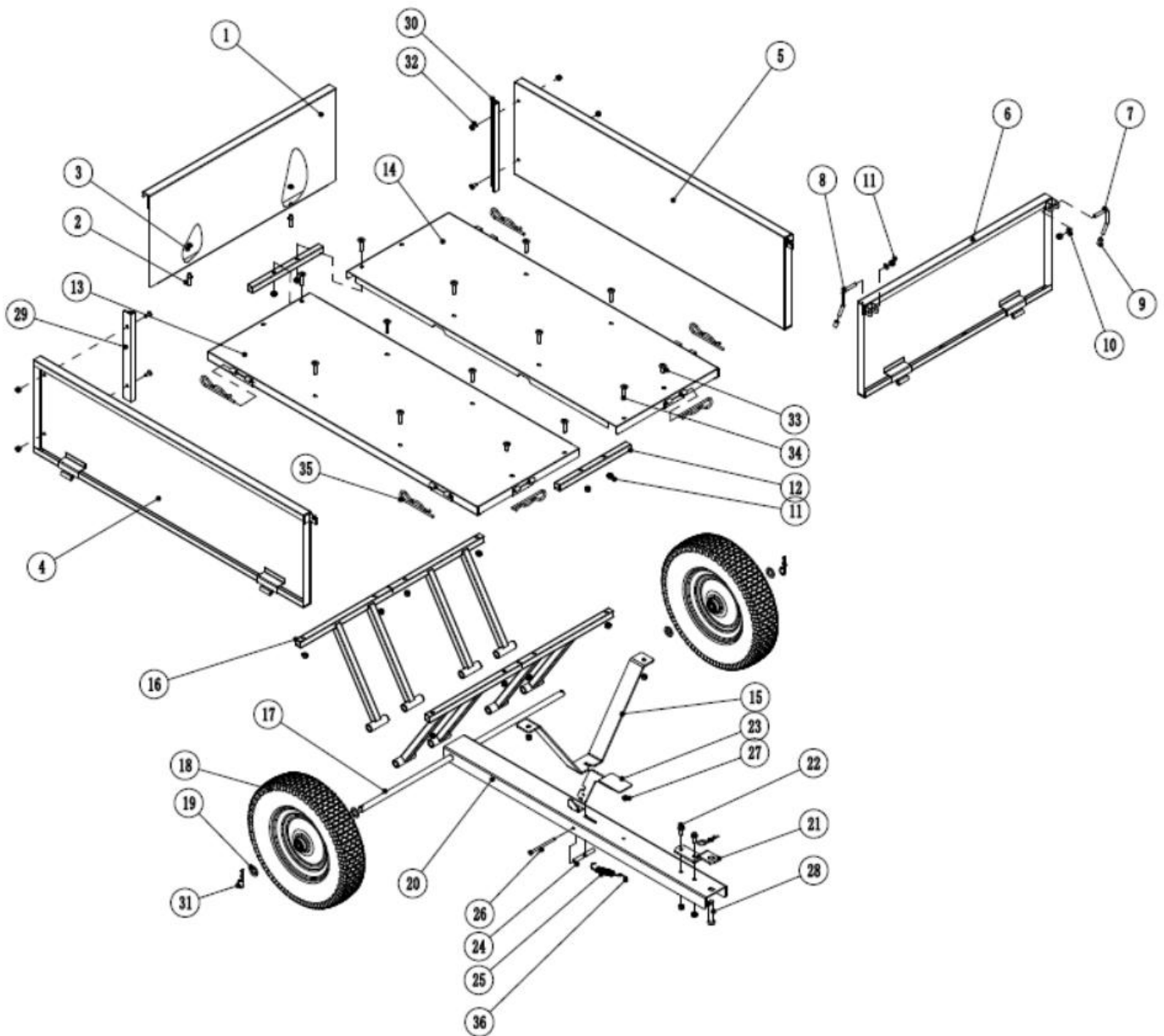
STORAGE

- Never allow material to remain in the Trailer - Tipper body for extended periods of time.
- Before storing make sure the trailer is clean and dry for years of trouble-free service.
- Store indoors or protected area during severe weather and winter months.
- When storing outside always keep the tongue a little higher than the back of the trailer to allow the moisture to easily run out the back and will not accumulate in the box.

8. SPECIFICATIONS

Load Capacity	225kg(280L)
Box and Frame Material	Steel
Inside Box Dimensions.....	975 x 720 x 310mm
Overall Dimensions	1480 x 775 x 765mm
AxleDimensions.....	16x807mm
Wheel type	16x4.5-8 Pneumatic
Wheel Type.....	Pneumatic
Hitch Type	Pin Style

9. PARTS DRAWING & PARTS LIST



No.	Drawing#	Part name	material	Qty
1	222003	Rear Panel	Q235	1
2	222004	Pin	Q235	2
3	SJ-2842-M6	Hexagon flange nut (With non-slip teeth)	A3	2
4	222009	Left Side Panel	Q235	1
5	222010	Right Side Panel	Q235	1
6	222014	Front panel	Q235	1

7	222015	Handle L	Q235	2
8	222016	Handle R	Q235	2
9	222018	sheath	PVC	2
10	GB-T-848-8	Flat pad	45#	2
11	GB6182-M8	Lock nut		18
12	222024	Support Tube	焊接管	2
13	222025	Left Bottom Panel	Q235	1
14	222026	Right Bottom Panel	Q235	1
15	222027	v-bracket	Q235	1
16	222030	Wheel Axle Support	Q235	2
17	222032	Wheel Axle	A3/45#	1
18	222033	15" Wheel		2
19	GB-T-848-16	Flat pad		4
20	222050	Tongue	Q235	1
21	222035	Hook bracket	Q235	1
22	GB-T16674-M8X20	Lock nut		2
23	222038	Release pedal		1
24	222039	Pedal bush	A3/Q235	4
25	222040	Pedal spring	65Mn	2
26	GB-T-5780-M6X90	Hex Bolt		1
27	GB6182-M6	Lock nut		1
28	222041	Tow hook pin	Q235	1
29	222045	Left Card Slot of Rear Panel	Q235	1
30	222046	Right Card Slot of Rear Panel	Q235	1
31	222047	R pin	65Mn	3
32	GB-973-M6X16	Screw M6*16		4
33	GB-973-M8X20	Screw M6*20		2
34	GB-973-M8X35	Screw M6*35		12
35	222048	Hinge R pin	65Mn	6
36		Tension spring sheath		1

10. DECLARATION OF CONFORMITY

**DECLARATION OF INCORPORATION OF
PARTLY COMPLETED MACHINERY**



The undersigned, representing the following:

Manufacturer and	the authorised representative established within the European Economic Area:
Company name: BUILDER SAS	FRANCE
Address: 32 rue Aristide Berges – Z.I. du Casque – 31270 Cugnaux – France	
Name and address of person/Company authorised to compile the technical file established in the EU Community: Mark Zeng/Quality manager/BUILDER SAS CHINA OFFICE Room 201, Building 4, East District, Xigang Development Center, Sandun Town, Xihu District, Hangzhou City, Zhejiang Province	

herewith declare that the following machinery:

Description of machinery
Generic denomination: Trailer -Tipper body
Function: it is designed to carry a wide range of materials.
Model/s: RACR225
Serial no/s.: 20230312720-20230314123

Fulfill the relevant provisions of European Directive 2006/42/EC (MD). The harmonized standards used in order to obtain compliance to 2006/42/EC (MD) are the following:

EN ISO 12100:2010 Safety of machinery - Basic concepts, general principles for design - Part 1: Basic terminology, methodology;

EN ISO 14120:2015 Safety of machinery - Guards - General requirements for the design and construction of fixed and movable guards

EN ISO 13857:2019 Safety of machinery - Safety distances to prevent hazard zones being reached by upper and lower limbs

EN ISO 13854:2019 Safety of machinery - Minimum gaps to avoid crushing of parts of the human body

And the relevant technical documentation is compiled in accordance with part B of Annex VII of 2006/42/EC, we can provide the soft copy of these documents in response to a reasoned request by the national authorities.

This partly completed machinery must not be put into service until the final machinery into which it is to be incorporated has been declared in conformity with the provisions of 2006/42/EC and other appropriate EU directives.

Signature and position: Philippe MARIE / PDG

Place and Date: 03/02/2023

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