

Hitch Mounted Bike Carrier Instruction Manual

SPECIFICATIONS

- Construction: Alloy Steel and Aluminum Alloy
- Mounting Style: Hitch-Mounted with 1¼-inch or 2-inch Class II, III, or IV Hitch Receiver (Adapter Included)
- Maximum Capacity: 100 lbs.(50 lbs. per Bike)
- Assembled Dimensions: 48.5 x 27.8 x 31.1 inch
- Weight: 29.5 lbs.

This Bike Carrier is designed to attach securely to most 1¼-inch and 2-inch automotive hitch receivers (using the included adapter). However, due to variations in vehicle design and specifications, we cannot guarantee universal compatibility.

Ensure the vehicle's hitch area is in good condition. You are responsible for verifying that the carrier is safely and securely attached and that it holds the Bikes in a stable manner.

Intended for use on passenger cars, trucks, and SUVs equipped with a compatible hitch receiver and adequate carrying capacity.

Improper use or installation may result in damage to the Bikes, the carrier, your vehicle, or surrounding property.

SAFETY INSTRUCTIONS

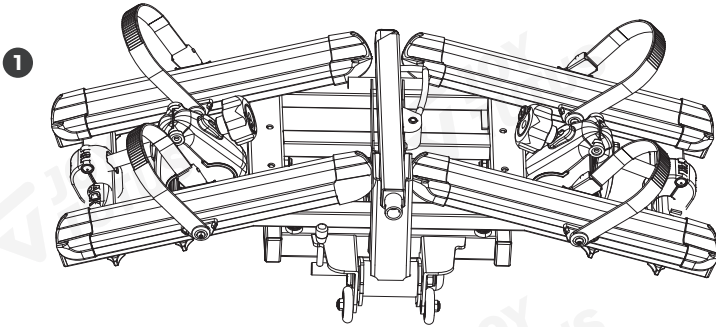
READ AND UNDERSTAND ALL INSTRUCTIONS BEFORE ASSEMBLY AND USE.

- 01.** Operate only in accordance with the safety rules outlined in this manual. Negligence or operator error may lead to serious injury or property damage. Observe all safety regulations, assembly instructions, and operating procedures. All users must be informed of potential hazards and familiar with this manual.
- 02.** Proper attachment of the Bike Carrier to the vehicle is critical. Incorrect installation may cause an accident resulting in serious injury or death. It is your legal responsibility to ensure the carrier and accessories are securely mounted.
- 03.** Inspect the carrier before each use. Regularly check for wear, functionality, and damaged or broken parts. Replace worn or ratty straps immediately. Do not use if damaged.
- 04.** If you do not fully understand the instructions or lack mechanical experience, have the Carrier installed by a professional.
- 05. DO NOT exceed the rated capacity of 100 lbs(50 kg).**
- 06. DISTRIBUTE THE LOAD EVENLY.**
- 07.** Use only on flat, level surfaces. Avoid steep inclines.
- 08. NEVER** obstruct vehicle exhaust. Keep the exhaust path clear at all times.
- 09.** Turn off the vehicle and engage the parking brake before loading or unloading Bikes.
- 10.** Exercise caution during acceleration and braking, as sudden movements may cause unstable conditions.
- 11.** Ensure the carrier does not violate local traffic laws regarding vehicle protrusions, license plate visibility, or tail light obstruction. Adhere to all speed limits and traffic regulations.
- 12. USE ONLY ORIGINAL PARTS AND ACCESSORIES.** Unauthorized modifications or non-standard accessories may create hazards. Do not alter the carrier in any way.
- 13. RETAIN THESE INSTRUCTIONS FOR FUTURE REFERENCE.** Ensure all future users read and understand all safety instructions, components, assembly steps, warnings, and notes in this manual.

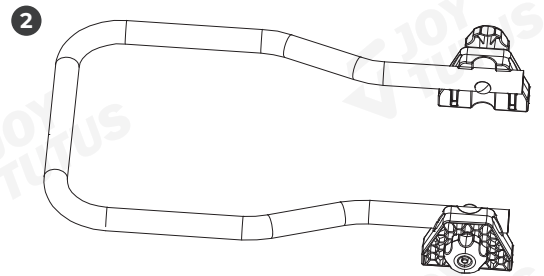
IMPORTANT

Before installation, please make sure that all accessories are ready. (As shown in the picture below).

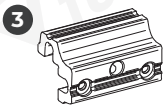
PRODUCT INFORMATION



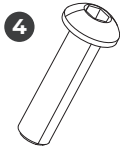
Bike Carrier Platform **x1**



U-tube Frame **x1**



2" Adapter **x1**



Semi-round Head Screw M6*25 **x2**



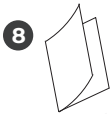
4MM Hex Wrench **x1**



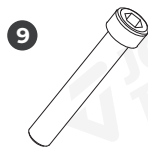
6MM Hex Wrench **x1**



8MM Hex Wrench **x1**



Instruction Manual **x1**



Socket Cap Head Hexagon Screw M8*50 **x4**



Clamp Keys **x1**



Padlock **x1**



Padlock Key **x1**

Customer Support



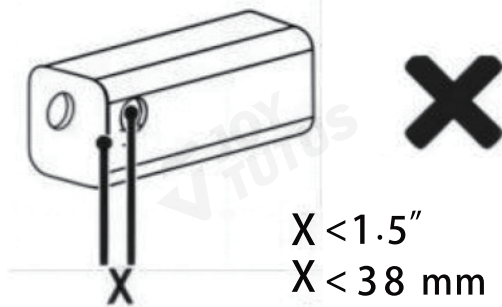
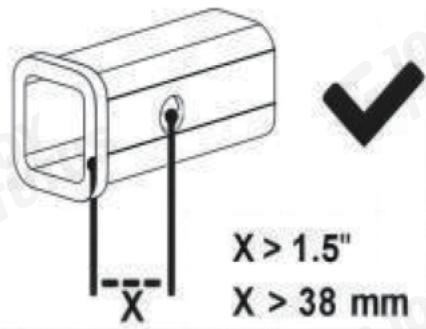
Contact us by email: service@joytutus.com

JOYTUTUS help center:
<http://support.joytutus.com>



ASSEMBLY

Remove all components from the carton and verify against the parts list above. Retain all packaging materials until assembly is complete and all parts are confirmed to be present and undamaged.



Max 50 lbs.

Max 100 lbs.



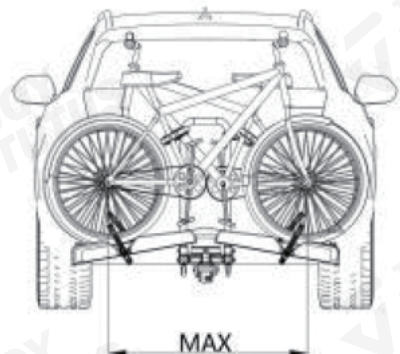
Max 3"



16" min and 29" max

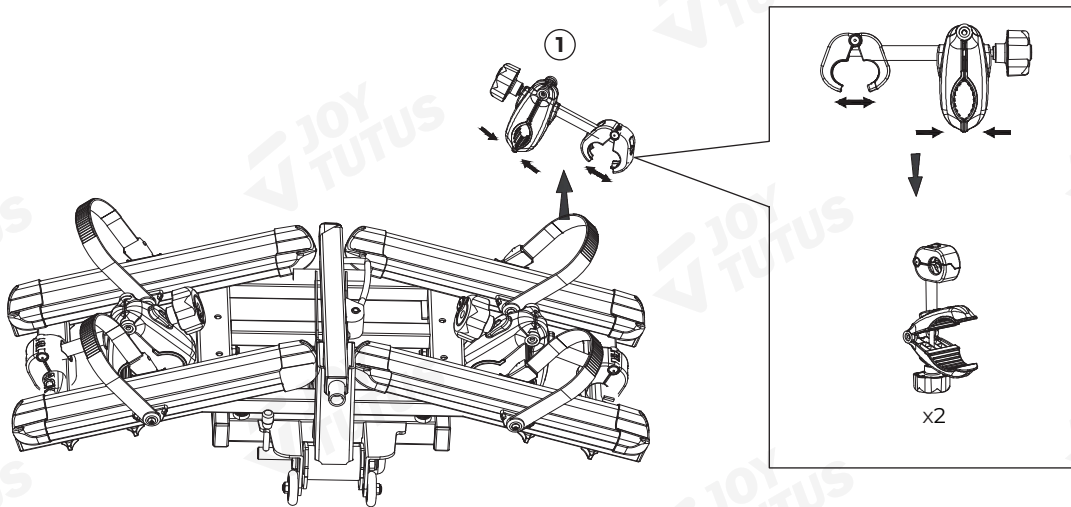


Max 48" wheelbase

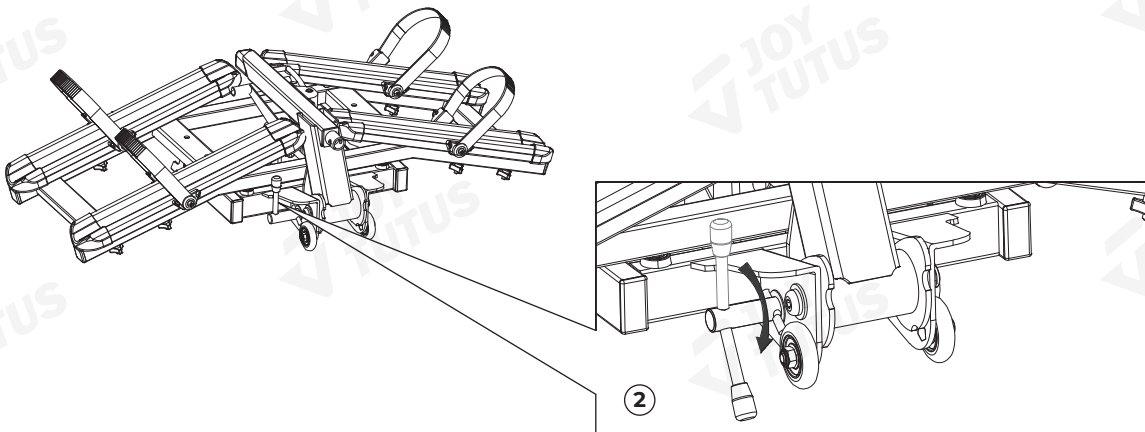


✓ INSTALLATION TIPS

STEP 1 Remove clamps from the frame.

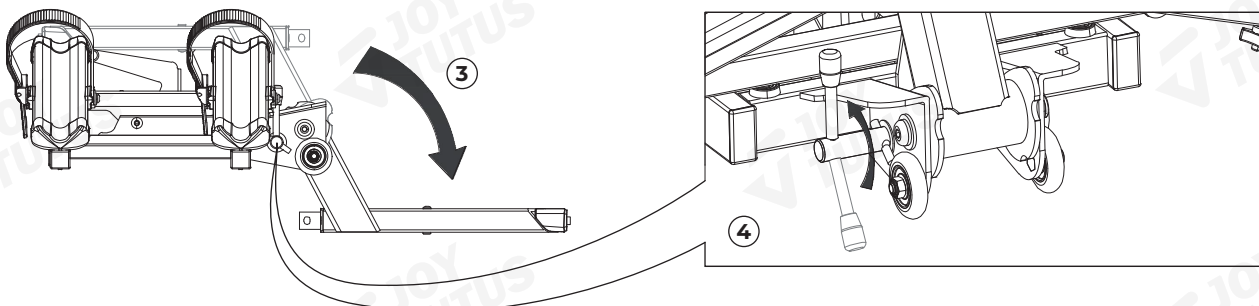


STEP 2 Hold the hitch and rotate the hitch lock lever downward to release the hitch post.



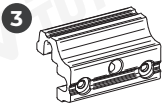
STEP 3 Pull the hitch post down to its lowest position.

STEP 4 The hitch lock lever will automatically return to its original locked position.

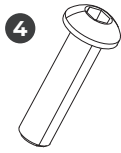


STEP 5 Install the 2-inch adapter onto a 1.25-inch hitch receiver.

Required accessories:



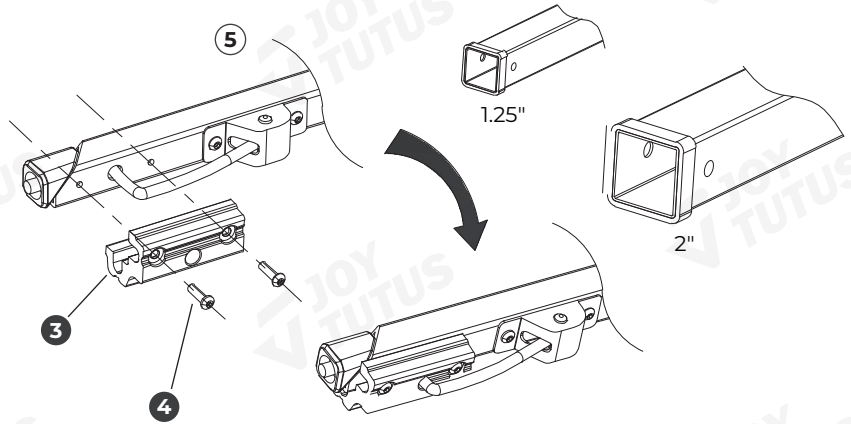
2" Adapterx1



Semi-round Head
Screw M6*25x2



4MM Hex Wrenchx1

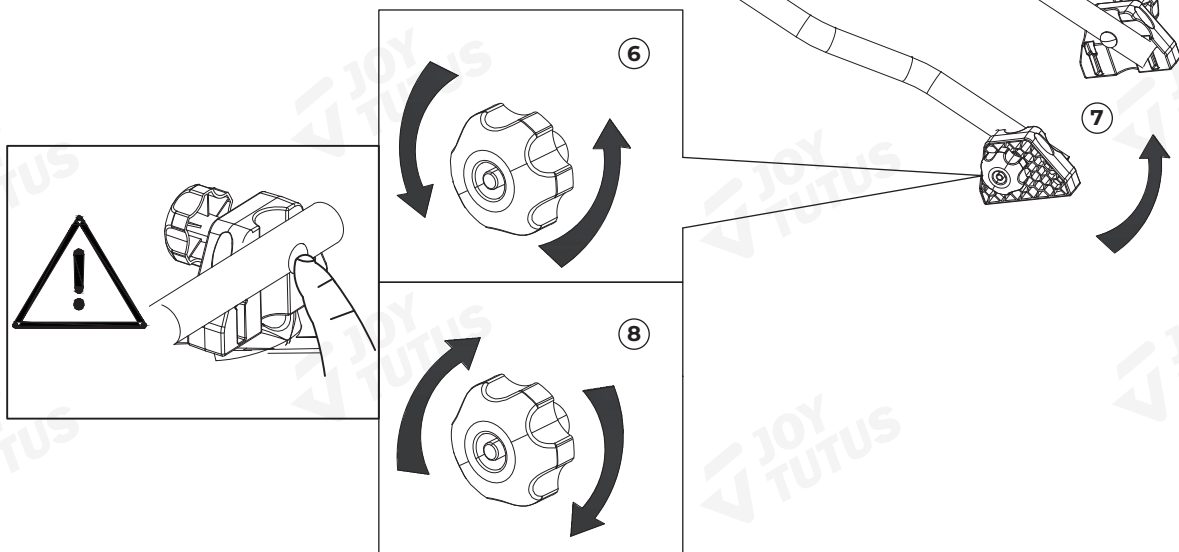


STEP 6 Loosen the hand-twist knob by rotating it counterclockwise.

STEP 7 Lift the U-tube up and rotate it to the vertical position.

STEP 8 Tighten the hand-twist knob by rotating it clockwise.

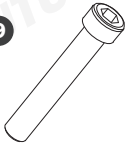
**NOTE:THE SCREW HEAD ON THE OPPOSITE SIDE
MUST BE SECURED WHILE TURNING THE KNOB.**



STEP 9 Align the U-shaped frame with the hole on the carrier, then use a hex wrench to insert and tighten the fixing screw.

Required accessories:

9

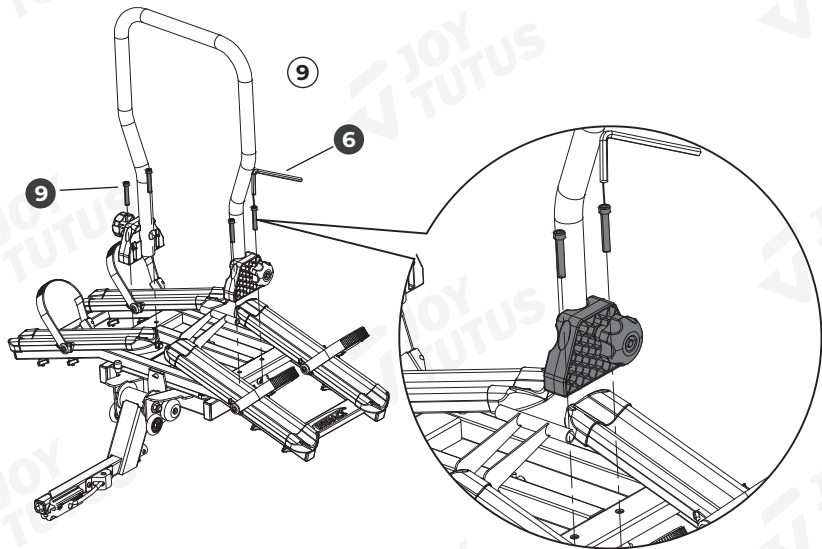


Socket Cap Head Hexagon
Screw M8*50x4

6

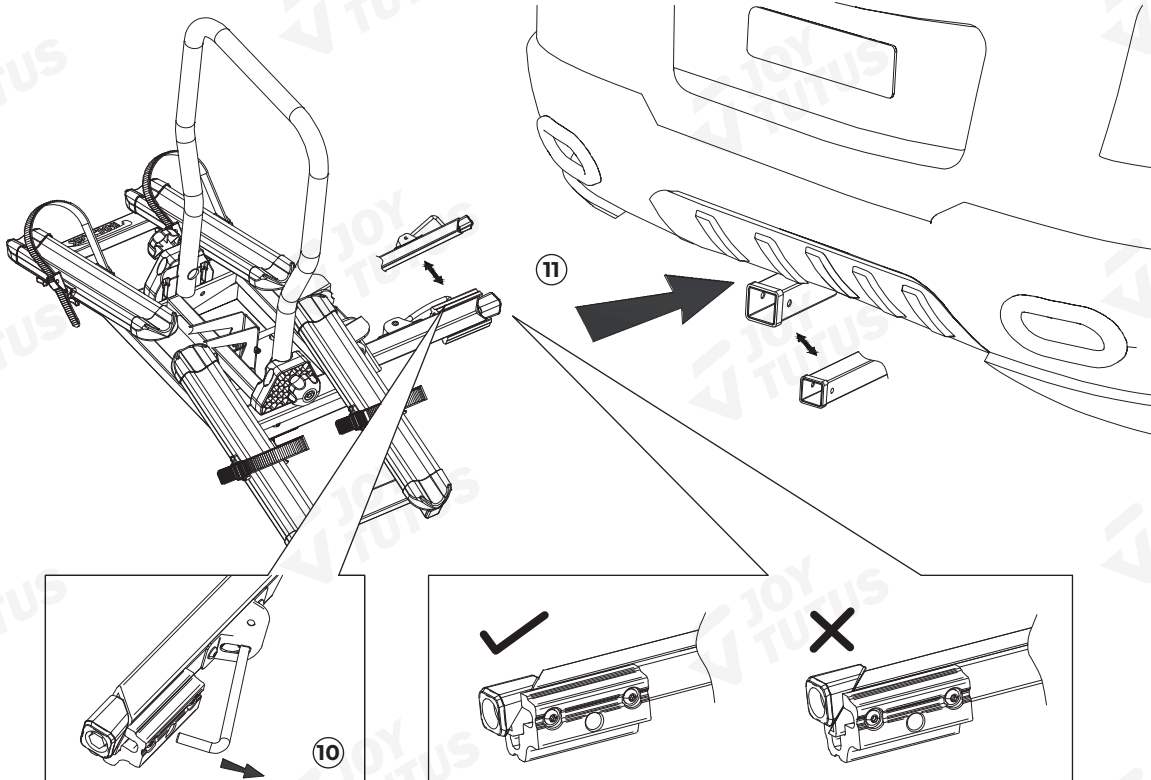


6MM Hex Wrenchx1



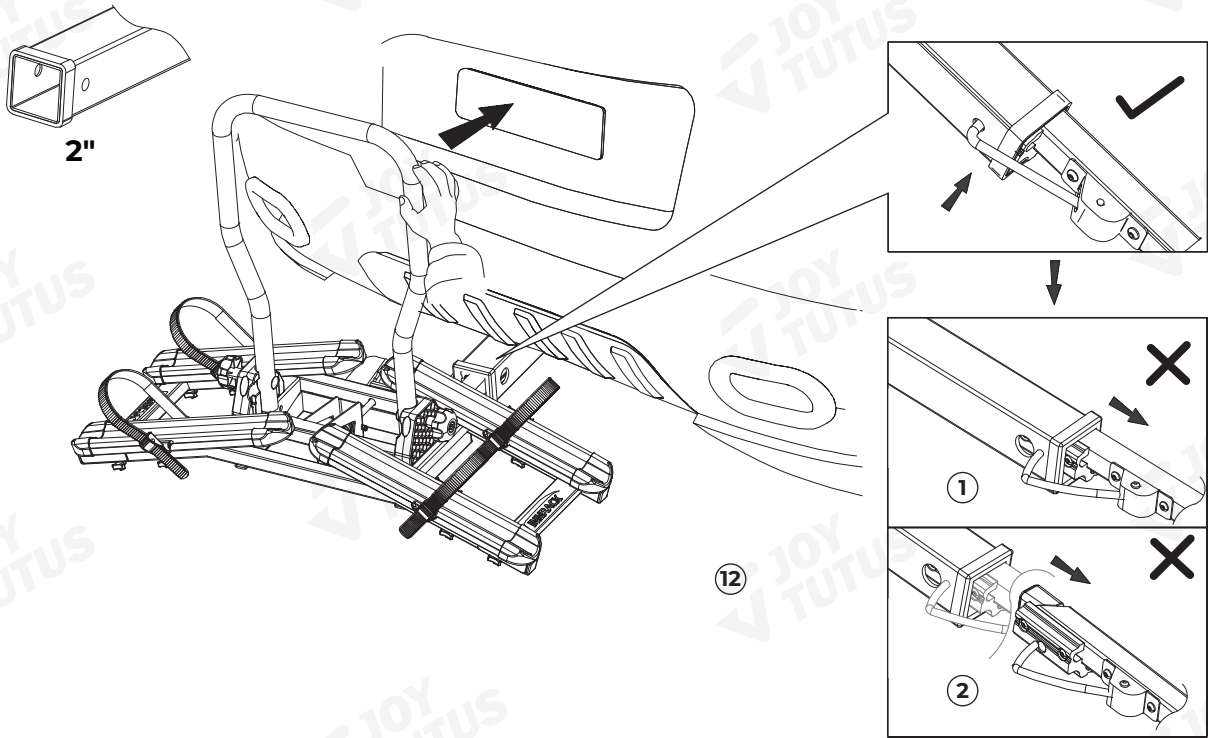
STEP 10 Open the safety pin before installation.

STEP 11 Choose the appropriate hook (1.25" or 2") based on your vehicle's hitch receiver. Ensure the locking block on top of the hook is correctly positioned.



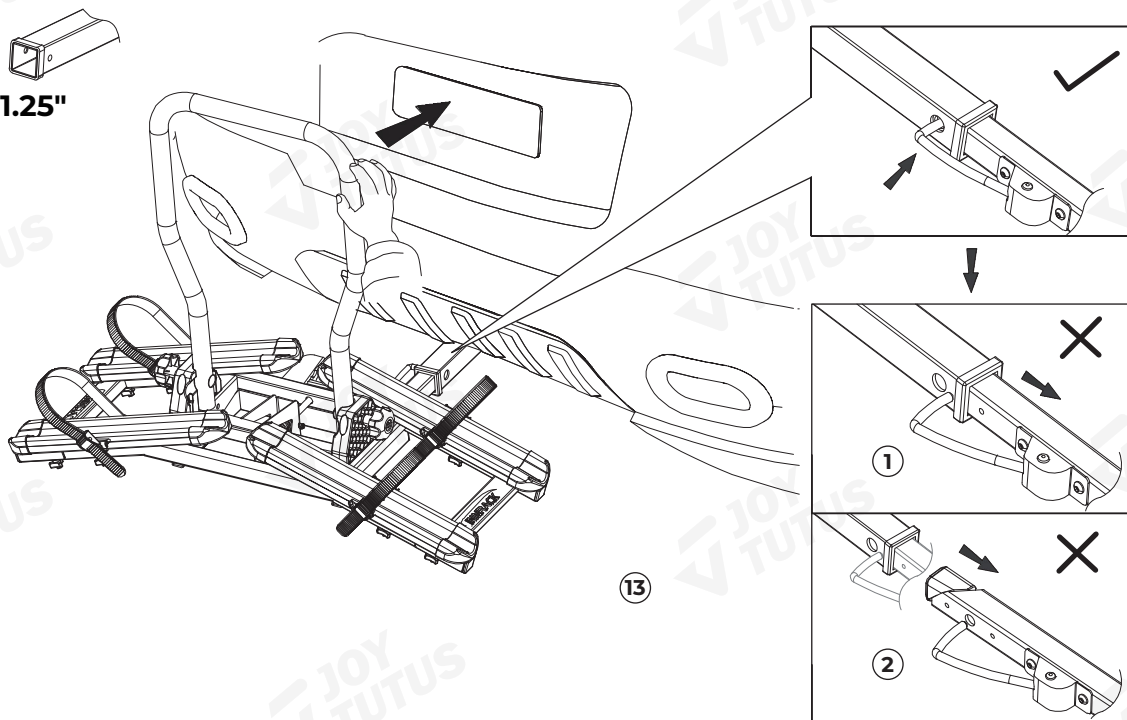
STEP 12

After installing the hooks into the 2-inch hitch, confirm that the safety pin has fully engaged the safety hole. **FAILURE TO DO SO MAY CAUSE THE FRAME TO SLIDE DOWN AND DETACH.**



STEP 13

After installing the hooks into the 1.25-inch hitch, confirm that the safety pin has fully engaged the safety hole. **FAILURE TO DO SO MAY CAUSE THE FRAME TO SLIDE DOWN AND DETACH.**



STEP 14

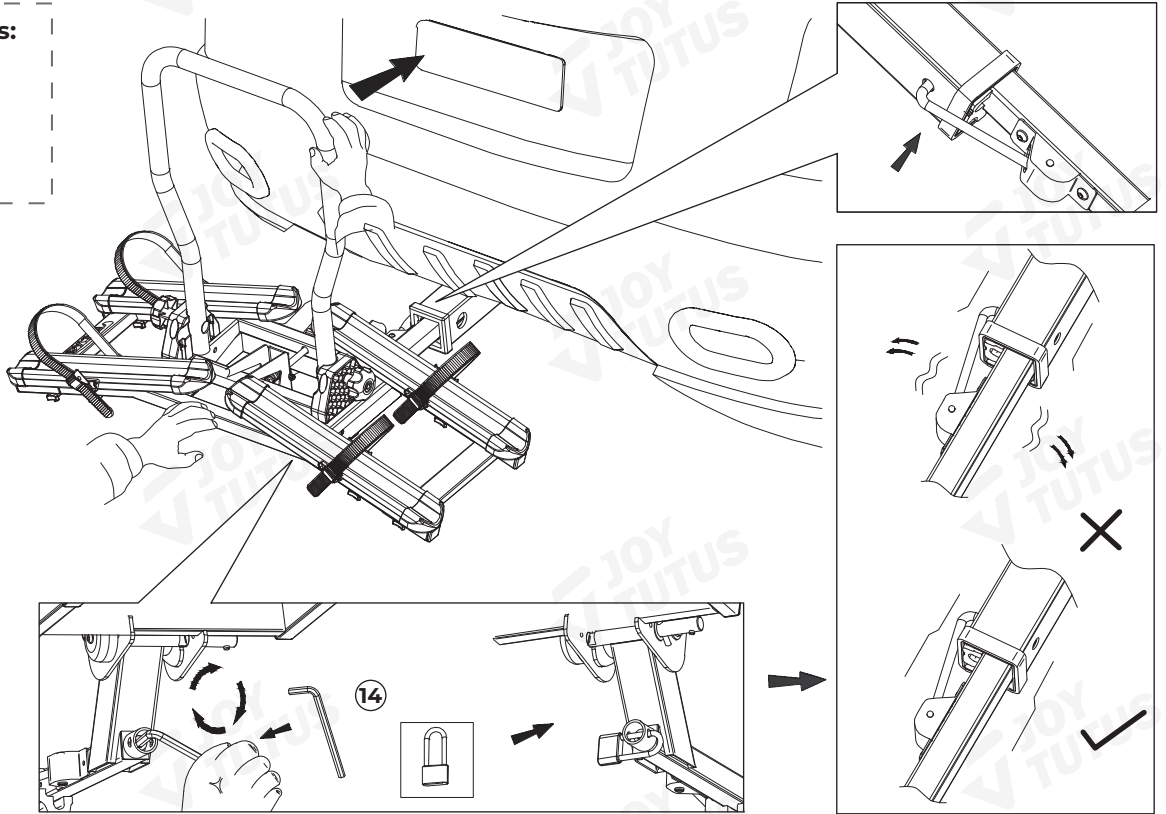
Release the spring-biased hitch pin to allow it to close through the hitch receiver and hitch post pin holes. Use a hex wrench to tighten the hexagonal set screw until the carrier is secure and does not shake. Use the optional padlock to lock the hitch pin.

Required accessories:

7

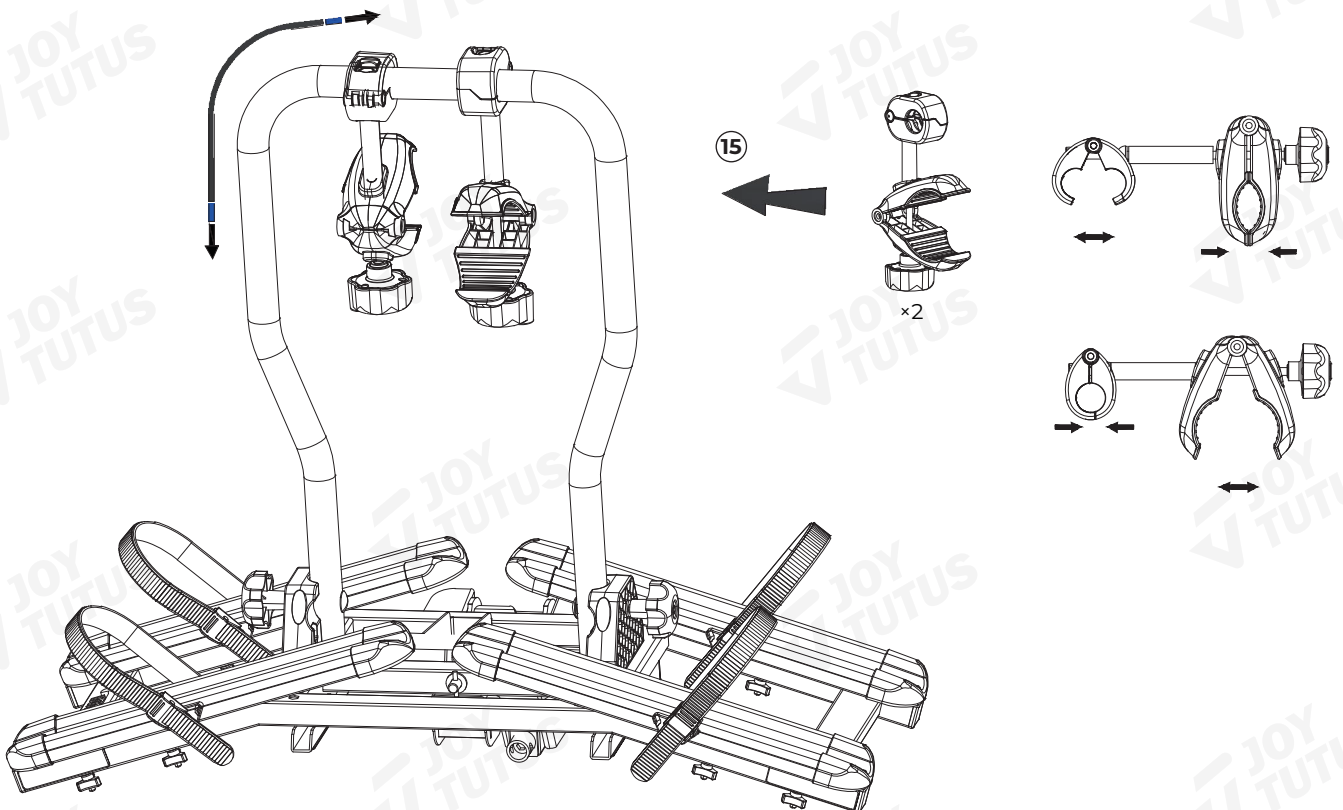


8MM Hex Wrenchx1

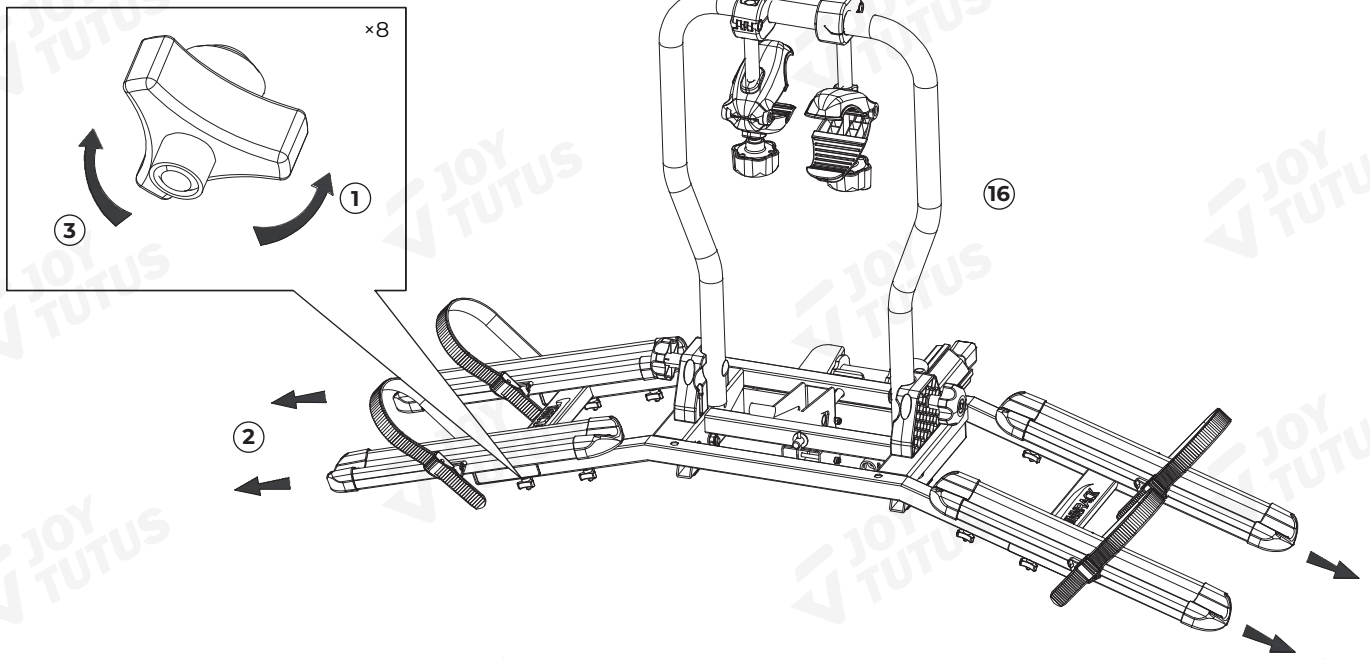


STEP 15

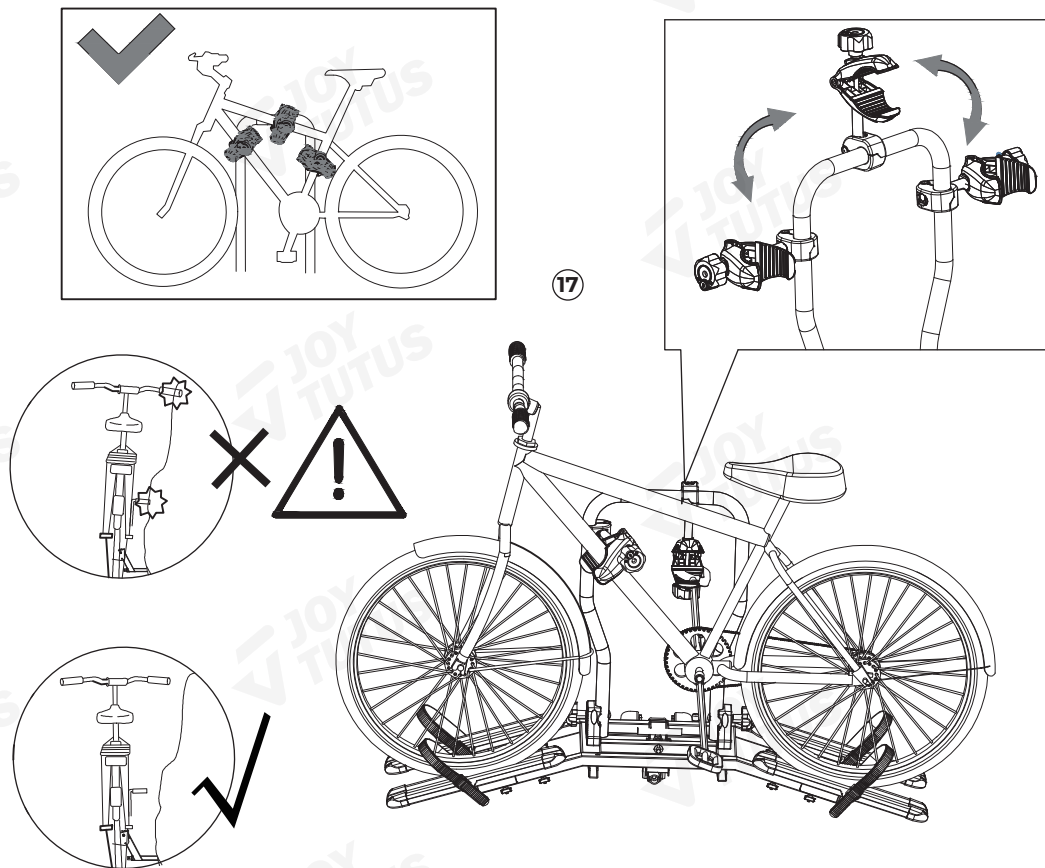
Install the clamps onto the carrier.



STEP 16 Loosen the two triangular hand screws at the bottom, extend the ramp fully, then re-tighten the screws.

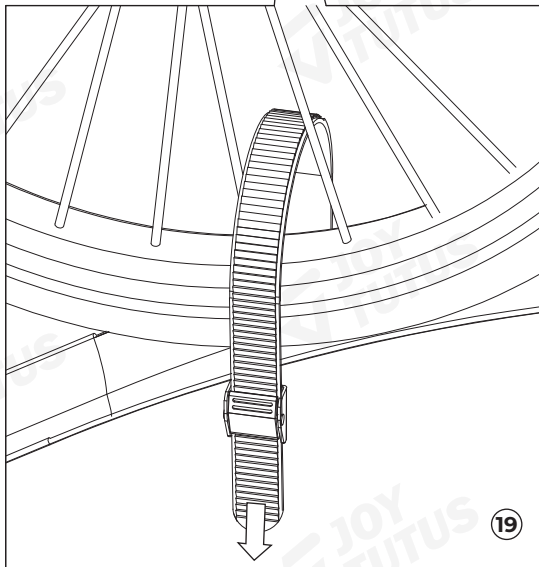
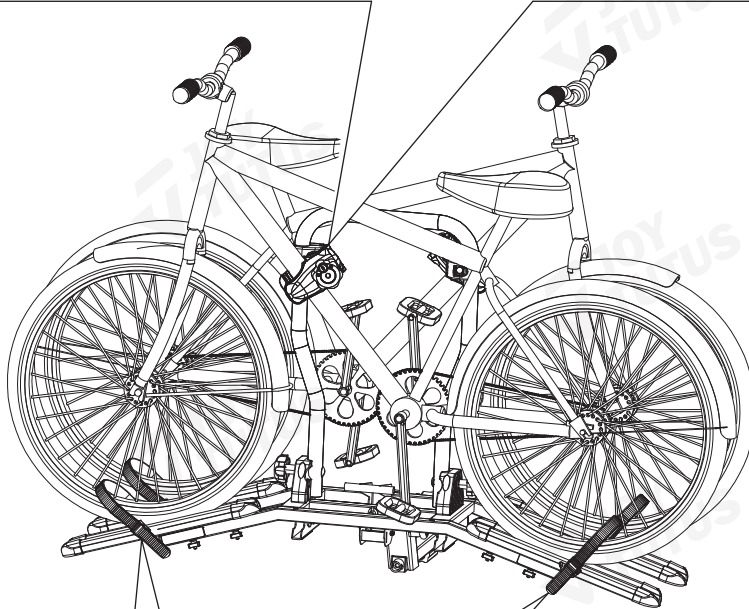
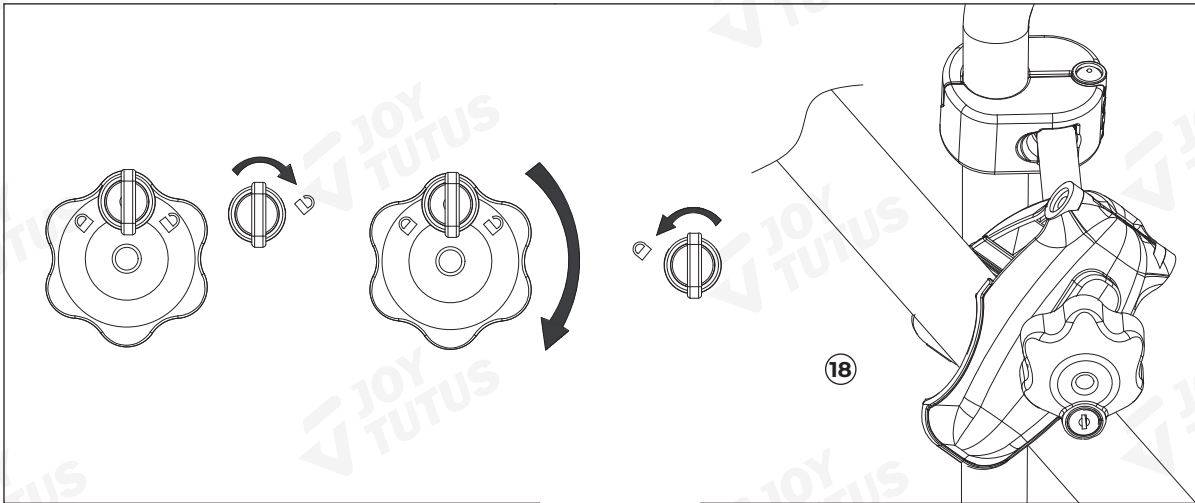


STEP 17 Adjust the clamp position as needed for different bicycle frame sizes and shapes.

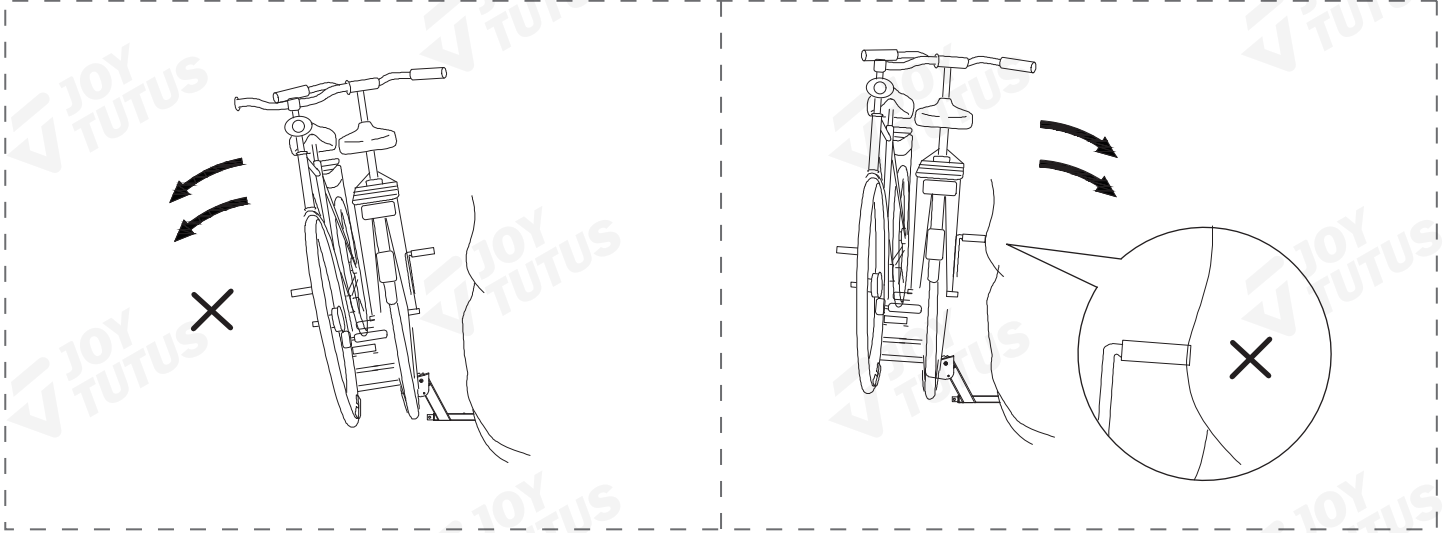


STEP 18 Securely connect the Frame Clamp to the Bike's frame, then firmly tighten the Knob to where the Bike is vertically and securely supported.

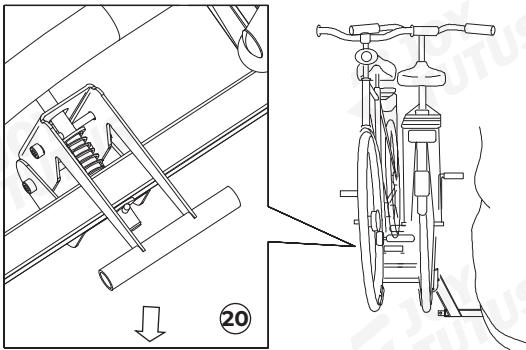
STEP 19 Thread the strap through the wheel and tighten downward to secure the tire.



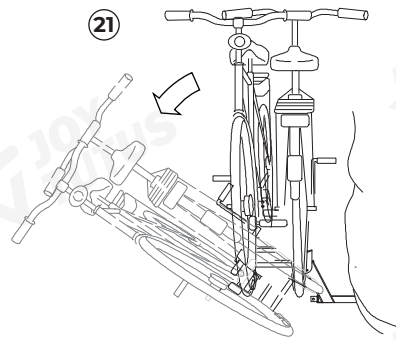
WARNING KEEP BIKES VERTICAL AND NOTE PEDAL POSITION.



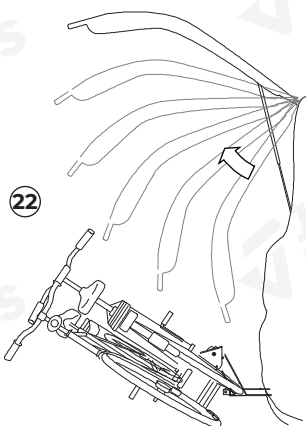
STEP 20 Disengage the pivot pedal lock by flipping it upward. Depress the pivot pedal to release the main platform.



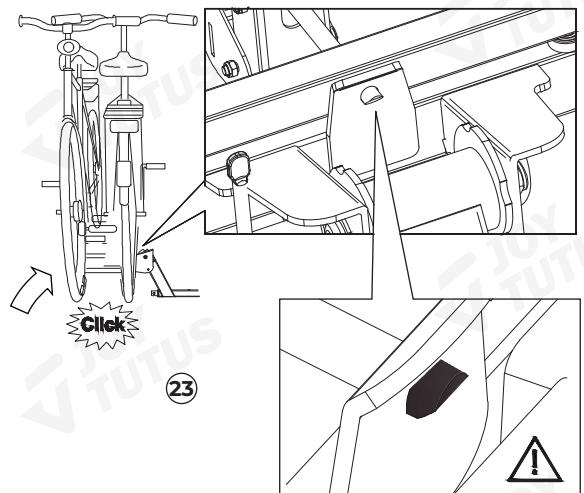
STEP 21 Carefully support the bikes and pivot the main platform downward.



STEP 22 Slowly open the liftgate or trunk vertically, ensuring clearances from the bikes and carrier.

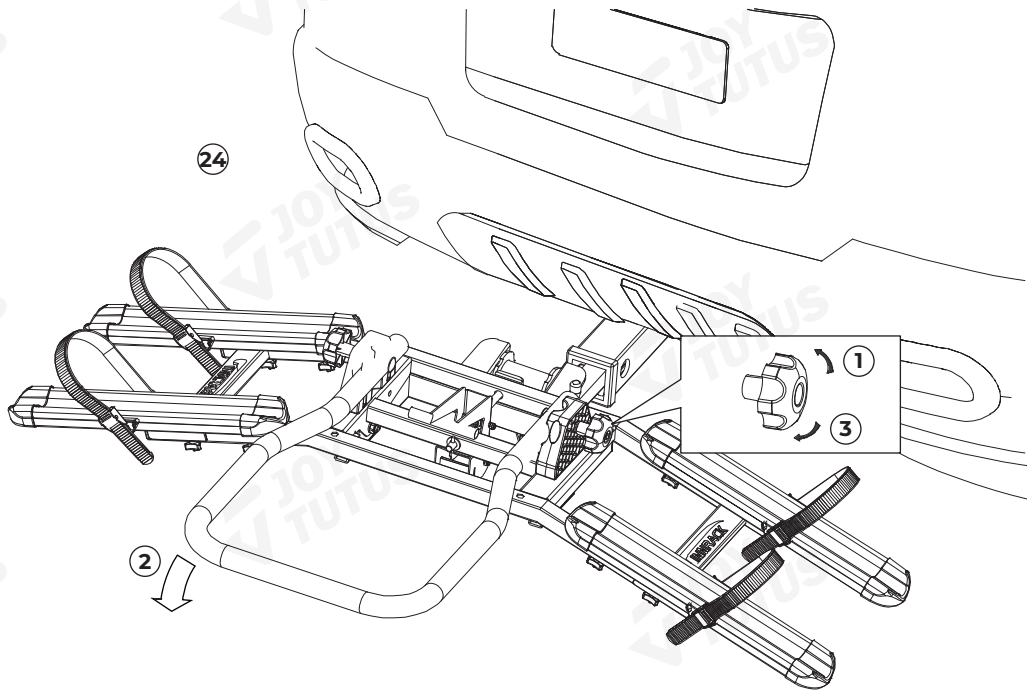


STEP 23 Close the trunk, then return the bikes and main platform to the original position.
NOTE: ENSURE THE PIN LATCHES AUDIBLY ("CLICK").

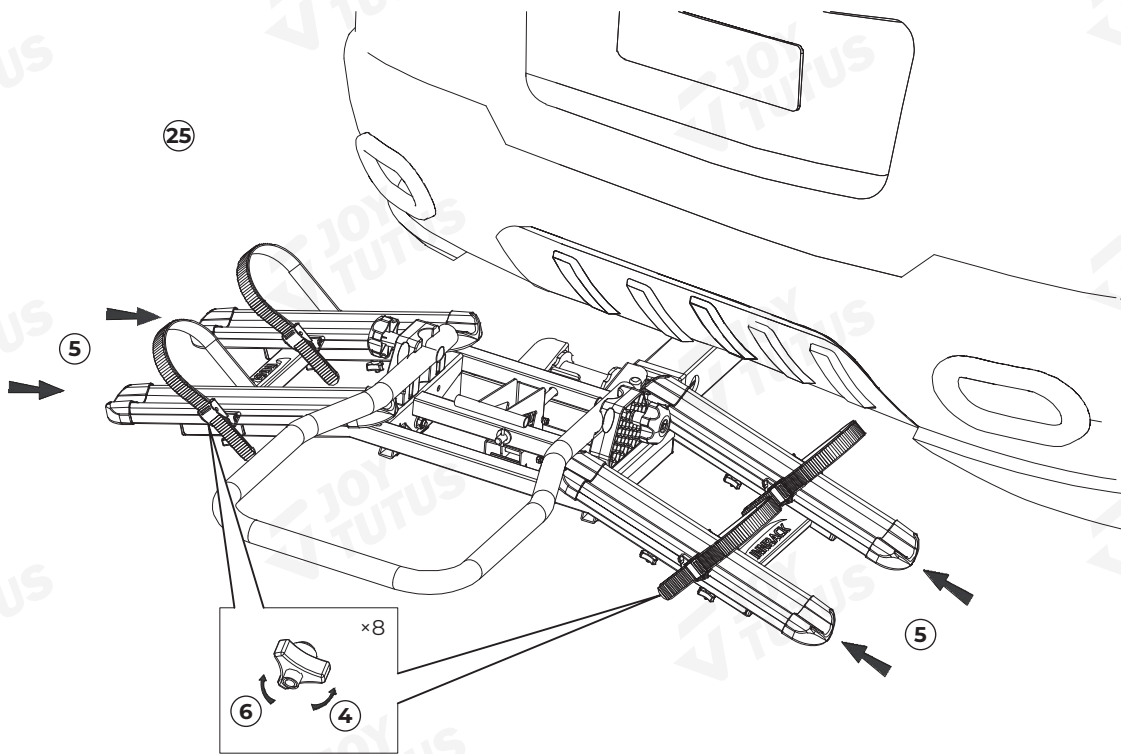


STEP 24

Loosen the knobs on both sides of the U-shaped tube, rotate it 90 degrees, then re-tighten the knobs.

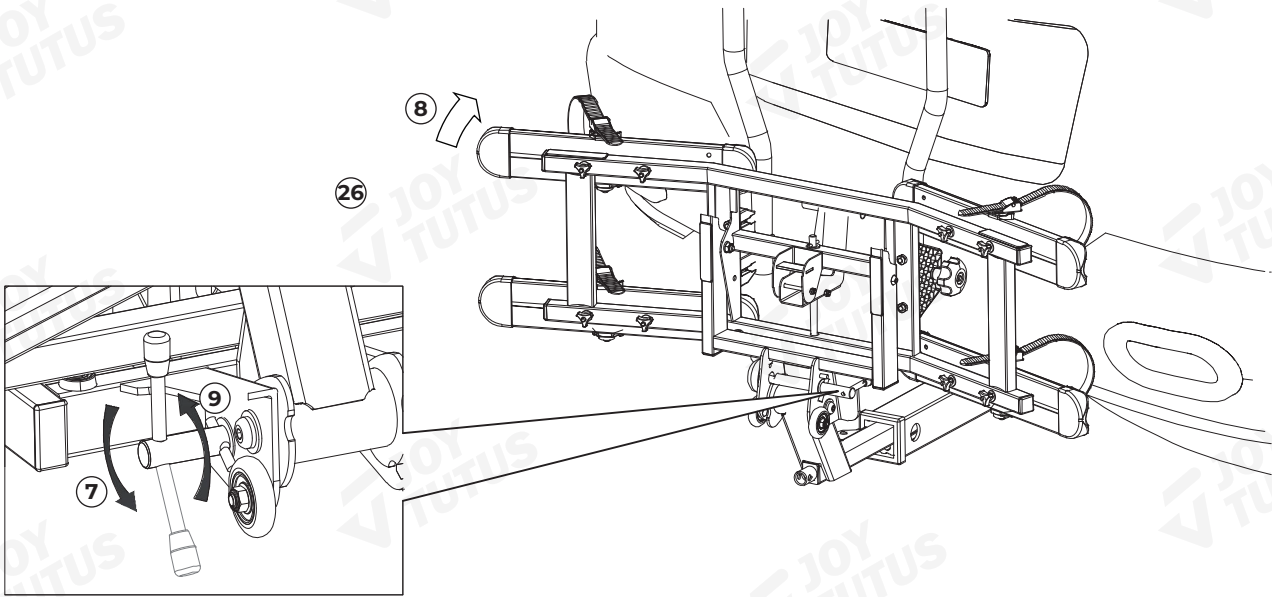
**STEP 25**

Loosen the bottom triangular knob, slide the wheel holder inward to its end position, then re-tighten the knob.



STEP 26

Grasp the hook, pull downward to release the interface shaft, rotate the frame 90 degrees upward, and hang it for storage.



USAGE WARNINGS

LOADING BIKES

01. Before each use, inspect all components for damage and ensure all hardware is tight and functional.
02. Do not install the carrier alone. Two people are required for safe attachment to the vehicle.
03. Consider your Bike's suspension system and take extra care during loading.
04. Use caution when reversing. The carrier extends beyond the vehicle's standard dimensions. Adjust proximity sensor settings if obstructed; refer to your vehicle owner's manual.
05. Clean the carrier after use with a slightly damp, non-abrasive cloth.
06. When not in use, store the carrier properly to prevent damage and maintain condition.

⚠ WARNING: MAXIMUM WEIGHT CAPACITY IS 100 LBS (50 KG). DO NOT EXCEED.

Use only with a properly installed 1.25-inch or 2-inch Hitch Receiver capable of supporting the combined weight of the carrier and Bikes. Refer to your vehicle manufacturer's specifications and hitch load capacities before use.