



4-Bike Carrier

OWNER'S MANUAL



WARNING:

Read carefully and understand all **ASSEMBLY AND OPERATION INSTRUCTIONS** before operating. Failure to follow the safety rules and other basic safety precautions may result in serious personal injury.

Model # TTF-42RMBC

Thank you very much for choosing this product! For future reference, please complete the owner's record below:

Model: TTF-42RMBC Purchase Date: _____

Save the receipt, warranty and these instructions. It is important that you read the entire manual to become familiar with this product before you begin using it.

This product is designed for certain applications only. The manufacturer cannot be responsible for issues arising from modification. We strongly recommend this product not be modified and/or used for any application other than that for which it was designed. If you have any questions relative to a particular application, DO NOT use the product until you have first contacted us to determine if it can or should be performed on the product.

For technical questions please call **1-218-943-6296**.

INTENDED USE

The 4-Bike Carrier can be used to transport a maximum of four bikes using a 2" x 2" Class III and IV hitch receiver.

TECHNICAL

Item	Description
Capacity	Four bikes with a maximum weight capacity of 150 lbs
For Use With	2" x 2" Class III and IV hitch receivers
Construction	Steel

GENERAL SAFETY RULES



WARNING: Read and understand all instructions. Failure to follow all instructions listed below may result in serious injury.



CAUTION: Do not allow persons to operate or assemble this 4-Bike Carrier until they have read this manual and have developed a thorough understanding of how the 4-Bike Carrier works.



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

SAVE THESE INSTRUCTIONS

WORK AREA

- **Keep work area clean**, free of clutter and well lit. Cluttered and dark work areas can cause accidents.
- **Keep children and bystanders** away while operating a 4-Bike Carrier. Distractions can cause you to lose control, so visitors should remain at a safe distance from the work area.
- **Be alert of your surroundings.**

PERSONAL SAFETY

- **Stay alert**, watch what you are doing and use common sense when using a 4-Bike Carrier. Do not use a 4-Bike Carrier while you are tired or under the influence of drugs, alcohol or medication.
- **Dress properly.** Do not wear loose clothing, dangling objects, or jewelry. Keep your hair, clothing and gloves away from moving parts. Loose clothes, jewelry or long hair can be caught in moving parts.

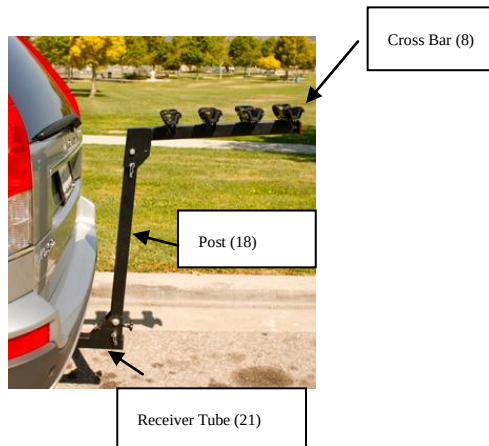
4-BIKE CARRIER USE AND CARE

- **Do not modify the 4-Bike Carrier in any way.** Unauthorized modification may impair the function and/or safety and could affect the life of the equipment. There are specific applications for which the 4-Bike Carrier was designed.
- **Do not use this product for purposes that it was not designed for.**
- **Always check for damaged or worn out parts before using the 4-Bike Carrier.** Broken parts will affect the 4-Bike Carrier operation. Replace or repair damaged or worn parts immediately.
- **4-Bike Carrier must be attached to a 2" x 2" Class III or Class IV hitch receiver.** The vehicle's hitch receiver must be properly installed by a qualified service technician and be certified to support the weight of the 4-Bike Carrier and its contents.
- **Be sure the 4-Bike Carrier is secured with safety pins/clips at all times.**
- **Maximum weight capacity of four bikes = 150 lbs.**
- **Be aware of the danger of "dynamic loading".** This situation arises when a load is dropped onto the 4-Bike Carrier, resulting in a short term excessive load. Dynamic loading can result in damage and failure of the 4-Bike Carrier and/or hitch receiver, and personal injury to the person loading the 4-Bike Carrier.
- **Never load people or animals onto the 4-Bike Carrier.** Keep children and spectators clear from work area when loading, unloading and using this product.
- **Adhere to all Department of Transportation (D.O.T.) requirements when using this product.** Always use the Bike Straps to securely hold the bicycles in place.
- For the vehicle that will support the 4-Bike Carrier, read all pertinent vehicle instructions and warnings provided by the owner's manual. **Make sure the vehicle's engine is OFF, with parking brake set, before loading or unloading 4-Bike Carrier.**

- **Note the position of the vehicle's exhaust pipes before setting up the 4-Bike Carrier.** Make sure exhaust pipes are not in close proximity to the loaded bicycles. Flammable goods loaded on the 4-Bike Carrier could catch on fire due to heat from exhaust. If this risk exists on your vehicle, **DO NOT** use the 4-Bike Carrier.
- Do not use the 4-Bike Carrier on a trailer or 5th wheel R.V. Do not use with bicycles fitted with large accessories (such as a child carrying seat). **Do not exceed 55 MPH vehicle speed when the 4-Bike Carrier is attached.**
- Always check slide pins, cotter pins and lock pin for tightness prior to each trip. Replace Bike Straps annually, or at first signs of wear.
- **Do not operate vehicle unless 4-Bike Carrier is in upright position.** When not in use, remove 4-Bike Carrier from the vehicle and store indoors.

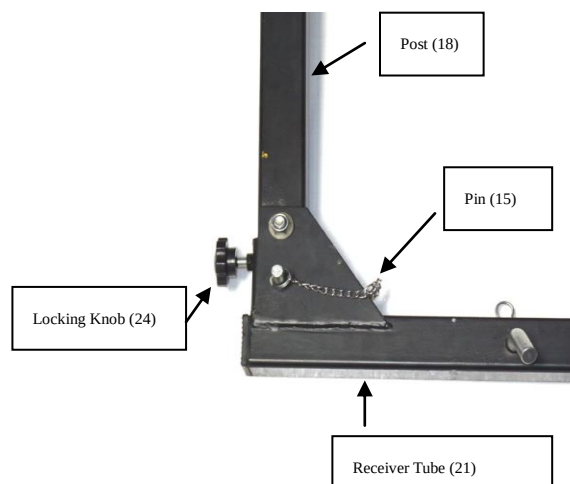
ASSEMBLY

Photo #1

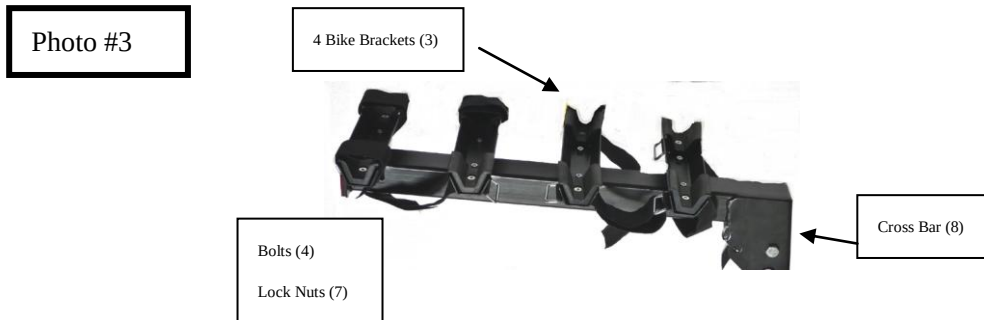


1. Refer to Photo #1 of an already assembled 4-Bike Carrier, and to the Assembly Diagram at the end of this manual.
2. Attach Post (18) to the Receiver Tube (21). Insert lower portion of Post into lower bracket of Receiver Tube. Line up hole openings and insert Pin (15) into lower hole. Secure Pins with Small R-Pin (16).
3. Slide Nylon Washer (22) on Bolt (23) and insert Bolt through upper hole opening. Secure Bolt with another Nylon Washer (22) and Lock Nut (12). See Photo #2. Make sure Locking Knob (24) is tightened down.

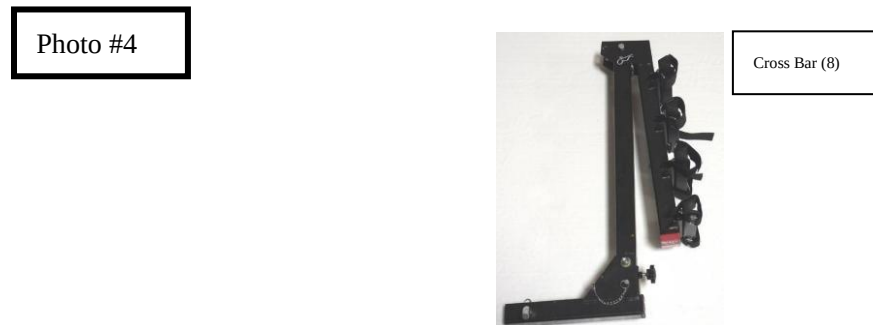
Photo #2



4. Connect 4 Bike Brackets (3) to top side of Cross Bar (8). Each Bike Bracket is held in place with 2 Bolts (4) and 2 Lock Nuts (7). Tighten hardware securely. See Photo #3.



5. Assemble Cross Bar (8) to Post (18). Align hole openings and insert Bolt (13) through the upper hole opening. Secure Bolt with Lock Nut (12). See Photo #1.
6. Insert Pin (15) through lower hole opening and secure with Small R-Pin (16), to position Cross Bar in the horizontal position (for bike loading), as shown in Photo #1.
7. With Pin (15) and Small R-Pin (16) removed, the Cross Bar can be folded down to vertical position when attaching to vehicle hitch receiver, or when bicycles are removed. See Photo #4.



8. With assembly complete, check for tightness of Bolts, Lock Nuts, R-Pins and Locking Knob, before attaching 4-Bike Carrier to vehicle's hitch receiver.
9. With assistance, lift the 4-Bike Carrier and slide the end of the Receiver Tube (21) into the vehicle's hitch receiver. Align the hole openings and secure the 4-Bike Carrier to the vehicle with the Hitch Pin (19). Secure the Hitch Pin with Large R-Pin (20).

OPERATION



WARNING:

1. **Make sure the vehicle is in a safe place for loading/unloading bicycles. Make sure the vehicle's engine is OFF, with parking brake set, before loading or unloading the 4-Bike Carrier.**
2. Put Cross Bar (8) in horizontal position, and lock it in place with Pin (15) and Small R-Pin (16).
3. Open the hook and loop attachment on Bike Straps (5).
4. Lift and place the bicycle's upper frame on the Rubber Block (2) portion of the Bike Bracket (3). Secure the bike in place with the Bike Strap hook and loop attachment.

5. Add additional bicycles if desired. **Caution:** Make sure bicycle frames and wheels are positioned so that they will not rub against each other, or the vehicle, and cause paint damage during transit. If needed, secure bicycle wheels with straps or rope to prevent movement.



6. **WARNING:** Do not overload the 4-Bike Carrier (**maximum 4 bikes with maximum weight capacity of 150 lbs. total**).
7. When the 4-Bike Carrier is not needed, it should be removed from the vehicle and stored indoors.
8. The empty 4-Bike Carrier can be lowered to the position shown in Photo #5 if the vehicle's tail gate needs to be temporarily opened before any bicycles are attached. Loosen Locking Knob (24), remove Small R-Pin (16) and Pin (15), and carefully tilt back the 4-Bike Carrier when additional clearance is needed.

Photo #5

Pin15
removed
from locked
position

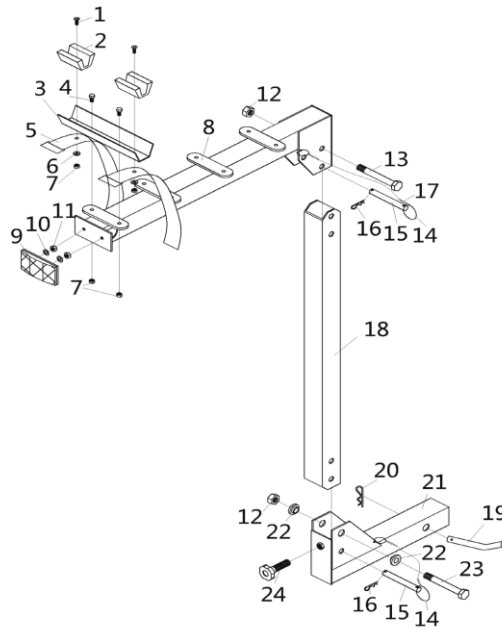


9. Never operate the vehicle when 4-Bike Carrier is in the lowered position. **Do not operate vehicle unless 4-Bike Carrier is in the upright position and locked (pinned) into place.**

MAINTENANCE

- **Maintain your 4-Bike Carrier.** Frequently check the condition of the 4-Bike Carrier and the vehicle's hitch receiver. Make sure all components are in good condition. If the 4-Bike Carrier or hitch receiver becomes damaged through accident, or if any weld damage is noted, the product should be replaced.
- Check to make sure that all hardware is tightly secured in place. Keep the 4-Bike Carrier clean.

DIAGRAM & PARTS LIST



Part#	Description	Qty.	Part#	Description	Qty.
1	Screw	8	13	Bolt	1
2	Rubber Block	8	14	Ring	4
3	Bike Bracket	4	15	Pin	2
4	Bolt	8	16	Small R-Pin	2
5	Bike Strap	8	17	Small Chain	2
6	Washer	8	18	Post	1
7	Lock Nut	16	19	Hitch Pin	1
8	Cross Bar	1	20	Large R-Pin	1
9	Reflector	1	21	Receiver Tube	1
10	Spring Washer	2	22	Nylon Washer	2
11	Nut	2	23	Bolt	1
12	Lock Nut	2	24	Locking Knob	1

For replacement parts and technical questions, please call **1-218-943-6296**.

WARRANTY

One-year limited parts warranty



TG
PO BOX 203
Miltona, MN 56354