



2-in-1 Cargo Carrier and Bike Rack 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-2762ACBR

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

Model: TTF-2762ACBR 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

This model is a 2-in-1 Cargo Carrier and Bike Rack. It can hold up to four bikes. The total weight capacity as a carrier or bike rack is 500 lbs. It fits 2" receivers for additional versatility. Cargo Carrier/Bike Rack weight is 67 lbs.

TECHNICAL SPECIFICATIONS

Item	Description
Load Weight Capacity	500 lbs including carrier weight (Class III receiver) 350 lbs including carrier weight (Class II receiver)
Bike Capacity	4 bikes
Dimensions	62" x 27" x 3"
Receiver Size	2"

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 Cargo Carrier/Bike Rack until they have read this manual and have developed a thorough understanding of how the Cargo Carrier/Bike Rack 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 cargo carrier/bike rack. Distractions can cause you to lose control, so visitors should remain at a safe distance from the work area.
- **Be alert of your surroundings.** Using a cargo carrier/bike rack in confined work areas may put you dangerously close to cutting tools and rotating parts.

PERSONAL SAFETY

- **Stay alert**, watch what you are doing and use common sense when using a cargo carrier/bike rack. Do not use a cargo carrier/bike rack while you are tired or under the influence of drugs, alcohol or medication. A moment of inattention while operating a cargo carrier/bike rack may result in serious personal injury.
- **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.

CARGO CARRIER/BIKE RACK USE AND CARE

- **Do not modify the cargo carrier/bike rack 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 cargo carrier/bike rack was designed.
- **Always check for damaged or worn out parts before using the cargo carrier/bike rack.** Broken parts will affect the cargo carrier/bike rack operation. Replace or repair damaged or worn parts immediately.
- **Distribute the load evenly.** Uneven loads may cause the cargo carrier/bike rack to tip, resulting in personal injury to the operator or others.
- **Use the cargo carrier/bike rack on flat and level surfaces** capable of supporting the cargo carrier/bike rack and its maximum load. Pulling or pushing a load on a slanted or uneven surface can result in loss of control.
- **Store idle cargo carrier/bike rack.** When cargo carrier/bike rack is not in use, store it in a secure place out of the reach of children. Inspect it for good working condition prior to storage and before re-use.
- **Do not exceed the cargo carrier/bike rack's maximum load capacity of 500 lbs.**
- **Only use the cargo carrier/bike rack with a properly installed 2 inch hitch receiver capable of supporting the cargo carrier/bike rack and its load.** If the cargo carrier/bike rack is installed on a Class II receiver, total weight, including carrier, is limited to 350 lbs.
- **Do not allow children to play on, stand upon or climb into the cargo carrier/bike rack.** The cargo carrier/bike rack is not for carrying people or animals.
- **Always check hardware and assembled parts after assembling.** All connections should be tight and hardware tightened.

- **Be aware of dynamic loading!** Suddenly dropping or bouncing a load on the Cargo Carrier may create, for a brief instant, an excess load, which may result in damage to the product and/or personal injury. Additionally, if the vehicle hits a bump, a slight play in the receiving hitch or a movement in the load could result in a momentary dynamic loading effect that could dramatically increase the actual weight load. Check the hitch-to-carrier connection for any looseness. This momentary dynamic loading effect could result in damage to the Cargo Carrier, the load and possible personal injury.
-  **WARNING:** Be aware of the possible risk of fire and damage to property resulting from the vehicle's exhaust system pointing at or running near the cargo loaded on the Cargo Carrier. Before installing the Cargo Carrier, check to make sure that the exhaust pipe is not pointing in the direction of the cargo. Flammable cargo can ignite from exposure to heat. Other cargo can be damaged from the heat. Always be aware of this potential danger, and never use the Cargo Carrier if the risk exists.
- **Follow DOT guidelines for installation and use.**
- **Do not exceed 65 MPH while carrier is attached.**



WARNING: The warnings, cautions, and instructions discussed in this instruction manual cannot cover all possible conditions and 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, but must be supplied by the operator.

IMPORTANT SAFETY INFORMATION FOR BIKE RACK

1. The bike rack is used as a stabilizing support only.
2. All bikes **MUST** be tied down with straps and/or secured with a chain.
3. Check all hardware connections (nuts & bolts) before each use.
4. Bike Rack is designed to carry most bikes or small motor bikes where the wheels fit inside the cradle arms.
5. For added security, use a locking bike chain.

Assembly for Cargo Carrier

It is important that you read the entire manual to become familiar with the product **BEFORE** you assemble and use the Cargo Carrier. Before assembling and operating the Cargo Carrier, be sure that you have all parts described in the Parts List and Assembly Diagram located on the last pages of this manual.

See part diagram for reference:

1. Connect the Carrier Platform (4) and Carrier Tube (16) with four Bolts (13) , eight washer (14) and four Lock Nuts (15). Hand Tighten.
2. Attach the Reflector (6) onto the back side rail of the Platform Assembly with Screws (5), Spring Washers (7) and Nuts (8).

Assembly for Bike Rack

1. Place three Bike Rack Runners (2) and one Off-set Bike Rack Runner (3) in line on one side of the Platform (4), and slide the Long Shaft (10) through the mounting holes on the Platform (4), holes on Bike Rack Runners (2) and Off-set Bike Rack Runner (3), secure the Long Shaft (10) in place with R-pin (9).

2. Repeat the above step on the opposite side of the Carrier Platform (4); make sure the Off-set Bike Rack Runners (3) are in the same position.
3. Attach the Magic Straps (1) onto the top loop of each Bike Rack Runner.
4. Insert the Tie down Bracket (19) into the 2in. Square Tube (16) from back end and secure them with Pin (18) and R-pin (9).

Operation



WARNING: The load weight must be centered or evenly distributed across the Carrier platform. Always use appropriate tie-down restraints to securely attach any cargo loaded onto the Cargo Carrier before moving your vehicle any distance. Do not leave loose items on the platform while operating the vehicle. Always use Reflectors. Make certain to use the appropriate red flags when moving a load. Check with your local traffic enforcement agency to make certain that you are correctly following all local laws.

- a) Find the assistance of another adult to help lift the Cargo Carrier.
- b) Lift the Cargo Carrier and place the 2in. Square Tube (16) into the 2in. Hitch Receiver mounted to your vehicle.
- c) Line up the hole in the 2in. Square Tube (16) with the hole in your hitch. With the holes lined up, slide a Hitch Pin (12) through the holes and insert a Clip (11).
- d) Put down all Bike Rack Runners down on the Platform Assembly.

Your Cargo Carrier can be loaded with up to 500 lb. of evenly distributed cargo **if an appropriately rated hitch is used.**



WARNING: The load weight must be centered or evenly distributed across the Carrier platform. Always use appropriate tie-down restraints to securely attach any cargo loaded onto the Cargo Carrier before moving your vehicle any distance. Do not leave loose items on the platform while operating the vehicle.

Note: Any load over 320 lb. requires a Class 3 hitch on the vehicle.

(Class 2 Hitch = 350 lb. maximum tongue weight, add Carrier weight of about 30 lb.)

(Class 3 Hitch = 500 lb. maximum tongue weight)

Always use Reflectors. Make certain to use the appropriate red flags when moving a load. Check with your local traffic enforcement agency to make certain that you are correctly following all local laws.

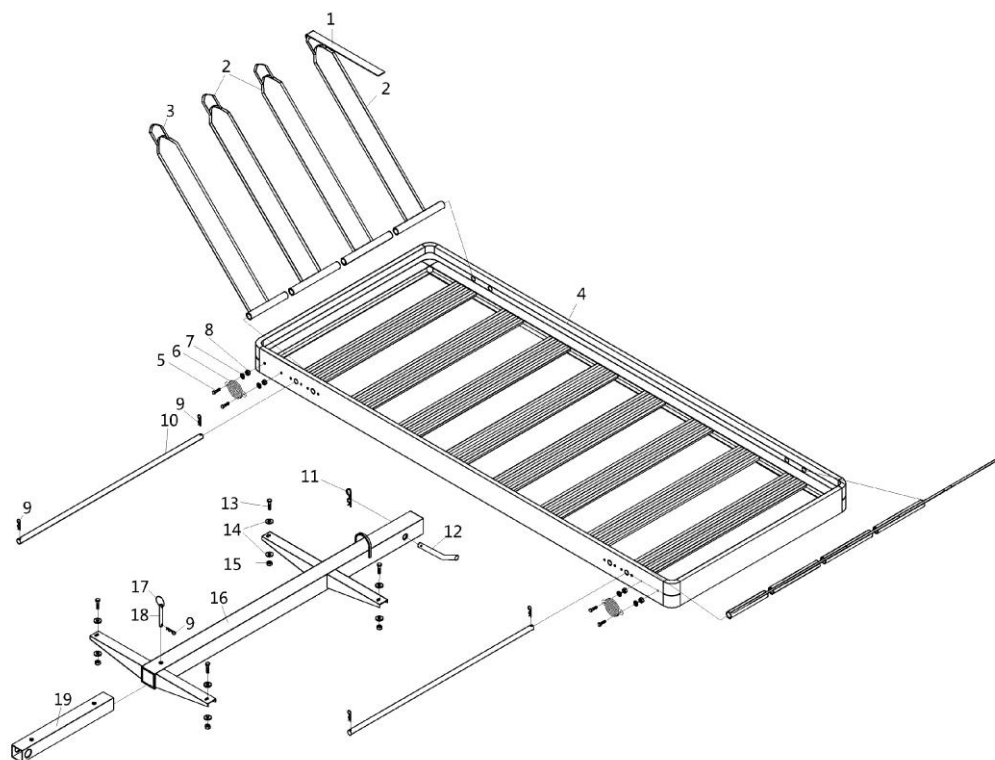
Operation as a Bike Carrier

1. Before each use, ensure all bolts are secured tightly.
2. Remove the Pin (18) and R-pin (9) and pull Tie down Bracket (19) out a bit, then replace the Pin (18) and R-pin (9).
3. Tip the Bike Rack Runners to make sure they slant toward the outside of the vehicle.
4. Place the wheels of bike into the Bike Rack Runners and secure the wheels with Magic Straps (1).
5. When all bikes are in place and secure, weave tie-down straps through the bike frames and lock into place.

MAINTENANCE

- **Maintain your cargo and bike carrier.** It is recommended that the general condition of the carrier be examined before it is used. Check all nuts and bolts to make sure they are tightened on a regular basis as part of a maintenance schedule. If you hear any abnormal vibrations or noise, have the problem corrected before further use. Have necessary repairs made by qualified service personnel.

DIAGRAM & PARTS LIST



Part	Description	Qty	Part	Description	Qty
1	Magic Strap	8	11	Clip	1
2	Bike Rack Runner	6	12	Hitch Pin	1
3	Off-Set Bike Rack Runner	2	13	Bolt	4
4	Carrier Platform	1	14	Washer	8
5	Screw	4	15	Nut	4
6	Reflector	2	16	Carrier Tube	1
7	Spring Washer	4	17	Contact Ring	1
8	Nut	4	18	Pin	1
9	R-pin	5	19	Tie down Bracket	1
10	Long Shaft	2			

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

WARRANTY

One-year limited warranty



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