



RECEIVER-MOUNTED MOTORCYCLE 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.

Item# 365378

Thank you very much for choosing a NORTHERN TOOL + EQUIPMENT CO., INC. Product! For future reference, please complete the owner's record below:

Model: _____ 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 machine is designed for certain applications only. Northern Tool + Equipment cannot be responsible for issues arising from modification. We strongly recommend this machine 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 machine until you have first contacted Northern Tool + Equipment to determine if it can or should be performed on the product.

For technical questions please call **1-800-222-5381**.

TECHNICAL SPECIFICATIONS

Capacity:	400 lbs. (182kg)
Motorcycle Platform Size:	78 3/4in.L x 8 5/8in.W (200 x 22cm)
Ramp Size:	41in.L x 8 5/8in.W (104 x 22cm)
Receiver Size:	2in. (5cm) (Requires Class III or IV rating)

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 Motorcycle Carrier until they have read this manual and have developed a thorough understanding of how the Motorcycle 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 Motorcycle Carrier. Distractions can cause you to lose control, so visitors should remain at a safe distance from the work area.

- **Be aware of all power lines, electrical circuits,** water pipes and other mechanical hazards in your work area, particularly those hazards below the work surface hidden from the operator's view that may be unintentionally contacted and may cause personal harm or property damage.

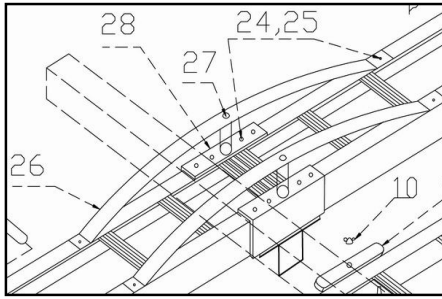
PERSONAL SAFETY

- **Stay alert,** watch what you are doing and use common sense when using a Motorcycle Carrier. Do not use a Motorcycle Carrier while you are tired or under the influence of drugs, alcohol or medication. A moment of inattention while operating a Motorcycle Carrier 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.
- **Use safety apparel and equipment.** Use safety goggles or safety glasses with side shields which comply with current national standards, or when needed, a face shield. Use as dust mask in dusty work conditions. This applies to all persons in the work area. Also use non-skid safety shoes, hardhat, gloves, dust collection systems, and hearing protection when appropriate.

MOTORCYCLE CARRIER USE AND CARE

- **Do not modify the Motorcycle 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 Motorcycle Carrier was designed.
- **Always check of damaged or worn out parts before using the Motorcycle Carrier.** Broken parts will affect the Motorcycle Carrier operation. Replace or repair damaged or worn parts immediately.
- **Do not exceed the Motorcycle Carrier load capacity.**
- **Distribute the load evenly.** Uneven loads may cause the Motorcycle Carrier to tip, resulting in personal injury to the operator or others.
- **Use the Motorcycle Carrier on flat and level surfaces** capable of supporting the Motorcycle Carrier and its maximum load. Pulling or pushing a load on a slanted or uneven surface can result in loss of control.
- **Store idle Motorcycle Carrier.** When Motorcycle Carrier 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.
- **Secure motorcycle frame and wheels securely** using ratcheting tie downs (not included) and included pins (#8).
- **Push, never drive,** the motorcycle onto the carrier.
- **Obey all D.O.T. regulations** pertaining to mounting the carrier onto a vehicle.
- **Only use this product with a vehicle that has a 2in. square receiver hitch,** rated to at least Class III, and can bear the additional weight of both the carrier and motorcycle.
- **NEVER sit on motorcycle while loading,** unloading, or while supported on carrier.
- **Do not exceed the maximum load of 400 lbs.** Loading a heavier object on this product can result in dangerous conditions to both the operator and the item loaded.
- **Do not allow anyone to stand upon or climb into the carrier.** This item is not for carrying people or animals.

ASSEMBLY



1. Align the two Platforms (1) and connect by two Joint Brackets (28), using four Bolts (24) and Lock Nuts (25) on each Joint Bracket (28) to secure two Platform (1).

2. Attach the two Arc Bars (26) to both sides of the Platform (1), using two Bolts (24) and Lock Nuts (25) on two end of each Arc Bar (26) to secure it on the Platform (1).

3. Screw the two Bolts (27) into the bushing on the Joint Bracket (28) and tighten fully.

REFER TO ABOVE PHOTO FOR
STEPS 1, 2 and 3

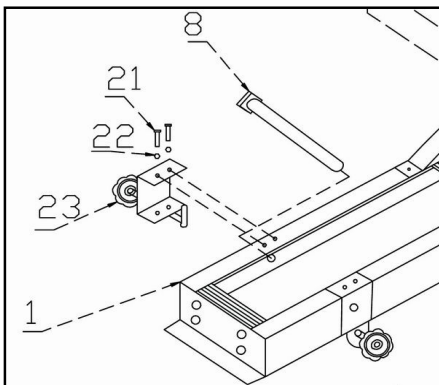


PHOTO #2

4. Attach the two Wheel Clamps (23) to the Platform (1), using two Bolts (21) and Lock Nuts (22) each Clamp.

5. Remove all Bolts (11,12,20), Washers (14,18), Nuts (13,15,19), Pins (5,7) and Brackets (4,17) from Tube (3), as shown in photo #3.

6. Insert Tube into Platform (1) and secure with two Bolts (12), Washers (14), and Nuts (13).

7. Attach Tie Down Brackets (4) to Tube with Bolt (11) and Nut (15).

8. Insert Tube into Class III (or better) 2in. receiver of a vehicle and lock it with Hitch Pin (5). Insert R-Pin (7) through hole in Hitch Pin to hold it

9. Attach Stabilizers (17) to Tube using Bolt (20), Washer (18), and Nut (19).

Tighten Stabilizers in place to reduce vibration of the Carrier.

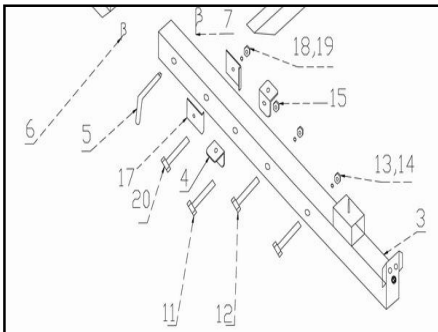


PHOTO #3

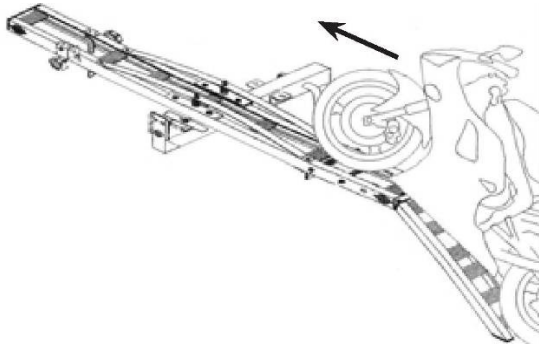
OPERATION



WARNING: Read **ENTIRE** IMPORTANT SAFETY INFORMATION section at beginning of this manual including all text under subheadings therein before set up or use of this product.

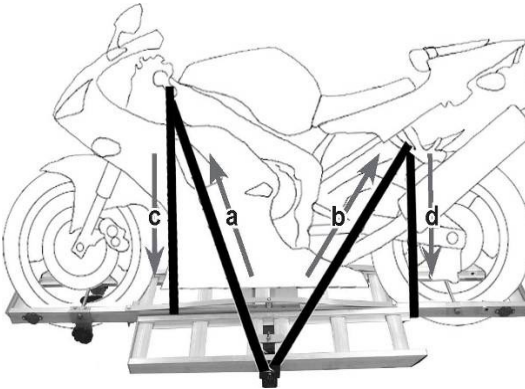
Loading Motorcycle

1. Remove LEFT Wheel Lock Pin (8), Adjustment Pin (16) and their R-pins (6).
2. Move Adjustment Pin (16) so that motorcycle's weight will be centered on Platform. Some larger wheels will require Adjustment Pin to be left off completely. If used, secure Adjustment Pin in place with an R-pin (6).
3. Remove Wing nut (10), Press Plate (9) and Ramp (2).
4. Hook Ramp (2) to lip on RIGHT side of platform. The Ramp must be properly secured to Platform.
5. Put motorcycle in neutral and, with assistance, push it up Ramp. **Stop when front wheel reaches center of Platform (1)** and have second person help support motorcycle.
6. Remove right Wheel Lock Pin (8), and R-pin (6).
7. Push motorcycle completely onto carrier. Install both Wheel Lock Pins through motorcycle wheels and secure with R-pins (6).



NOTE: If a wheel cannot be secured with Wheel Lock Pins, use properly rated ratchet tie-downs (not included) to firmly secure it to its end of platform.

8. Put motorcycle in gear.



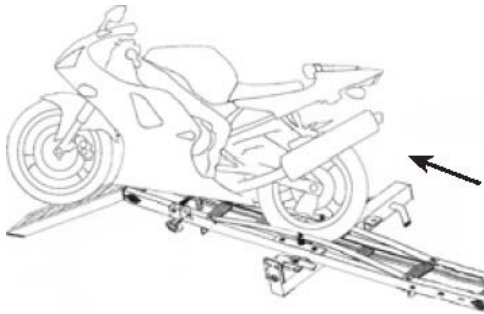
9. Tie down motorcycle, as shown in left (view from outboard side):
 - a. Connect a ratcheting tie-down from bracket on end of Tube (3), over front frame of motorcycle and to Platform (1) on the inboard side.
 - b. Connect a second ratcheting tie-down from bracket on end of Tube (3), over rear frame of motorcycle and to Platform (1) on the inboard side.
 - c. Connect a third ratcheting tie-down from Tie Down Bracket (4), over front frame of motorcycle and to Platform (1) on the outboard side.
 - d. Connect a fourth ratcheting tie-down from Tie Down Bracket (4), over rear frame of motorcycle and to Platform (1) on the outboard side.
10. Use ratcheting tie-downs to compress motorcycle's suspension evenly until there is no possibility of motorcycle coming loose.
11. Turn knob on each Wheel Clamp (23) to secure motorcycle's front wheel.
12. Return Ramp (2) to mounted position and secure with Wing nut (10) and Press Plate (9).
13. Attach any needed markers and/or lights to carrier and motorcycle as required by vehicle codes.

Unloading Motorcycle



WARNING: Keep away from motorcycle parts that may suddenly move as tension is released.

1. Remove Wing nut (10), Press Plate (9) and Ramp (2).
2. Hook Ramp (2) to lip on LEFT side of platform. The Ramp must be properly secured to Platform.
3. Release motorcycle's front wheel from Wheel Clamps (23).

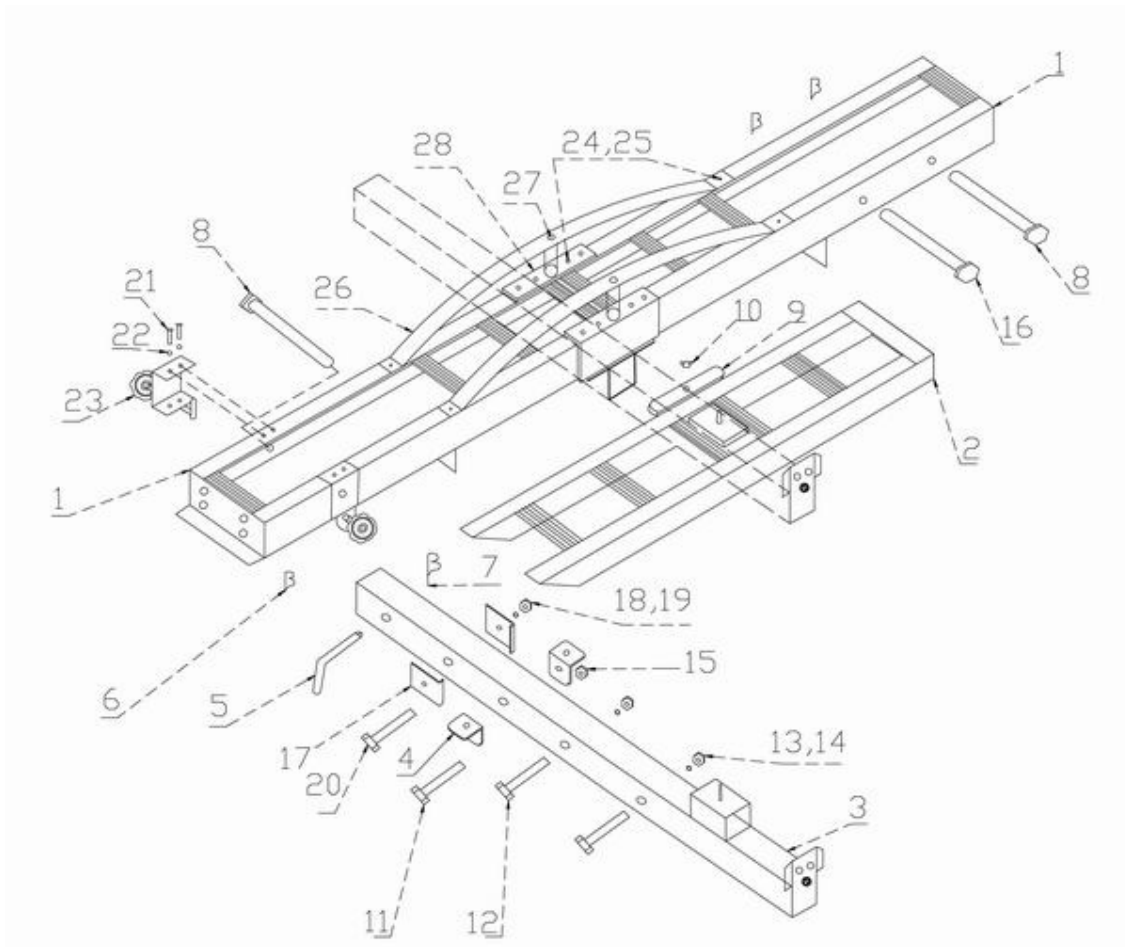


4. Have an assistant support motorcycle while carefully releasing tension on all tie-downs.
5. Remove both Wheel Lock Pins (8) and their R-pins (6).
6. Set motorcycle into Neutral gear. With assistance, push motorcycle off Ramp **until rear wheel is halfway across Platform (1)**. Have assistant support motorcycle.
7. Replace front Wheel Lock Pin (8) and its R-pin (6).
8. Push motorcycle down Ramp and off Carrier.
9. Replace all Pins to their positions for storage.
10. Return Ramp (2) to mounted position and secure with Wing nut (10) and Press Plate (9).

MAINTENANCE

- **Maintain your Motorcycle Carrier.** It is recommended that the general condition of any Motorcycle Carrier be examined before it is used. Keep your Motorcycle Carrier in good repair by adopting a program of conscientious repair and maintenance. If any abnormal vibrations or noise occurs, have the problem corrected before further use. Have necessary repairs made by qualified service personnel.
 - **1. BEFORE EACH USE,** inspect the general condition of the carrier. Check for loose screws, misalignment or binding of moving parts, cracked or broken parts and any other condition that may affect its safe operation.
 - **2. AFTER USE,** clean surfaces with clean cloth.

DIAGRAM & PARTS LIST



Part	Description	Qty	Part	Description	Qty
1	Platform	2	15	Nut M8	1
2	Ramp	1	16	Adjustment Pin	1
3	2in. Tube w/ Bracket	1	17	Stabilizer	2
4	Tie Down Bracket	2	18	Spring Washer 12	1
5	Hitch Pin 5/8in.	1	19	Nut M12	1
6	R-Pin 3	3	20	Bolt M12*110	1
7	R-Pin 4	1	21	Bolt M6*70	4
8	Wheel Lock Pin	2	22	Lock Nut M6	4
9	Press Plate	1	23	Wheel Clamp	2
10	Wing Nut	1	24	Bolt M8*75	12
11	Bolt M8*65	1	25	Lock Nut M8	12
12	Bolt M10*70	2	26	Arc Bar	2
13	Nut M10	2	27	Bolt M8*30	2
14	Spring Washer 10	2	28	Joint Bracket	2

WARRANTY

One-year limited warranty



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