

Master Owner's Manual

Storage and Convenience



LIPPERT
COMPONENTS®

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Master Owner's Manual

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BIKE RACK AND TIRE CARRIER

STORAGE AND CONVENIENCE

System

WARNING

Lippert bike rack and tire carriers should not be used for any other purpose or reason than its intended use. To use the feature for any reason other than what it is designed may result in death or serious injury.

Description

Before using a Lippert bike rack or tire carrier, please note the following:

Follow all Lippert bike rack and tire carrier operation instructions. Failure to utilize the instructions provided may result in damage to the unit or cause death or serious injury.

The bumper is not intended for mounting of electric or motorized equipment. Any welding modifications to the bumper will void the warranty. Any aftermarket attachments by dealers or consumers to the bumper area will not be covered and will void the warranty of the bumper area.

Please be advised that Lippert frames, bumpers, bike racks, and hitches are warranted for factory installed equipment by the RV Manufacturer only.

Prior To Operation

1. Remove all loose items from bicycles (pumps, bags, etc.)
2. Check that all quick release hubs are tight.

The max load and rating per the applicable product is referenced on Page 4. The weight limit includes all items secured to the bumper, including mounting devices, attachment hardware, spare tires, bikes and load attaching devices.

Manual Slide-Out Bike Rack Operation

1. Pull hair pin from cane bolt (Fig. 1).
2. Pull cane bolt from bike rack assembly. Repeat steps 1 and 2 on opposite side of the assembly (Fig. 2).
3. Extend the bike rack by pulling on the bumper to extend (Fig. 3).

Fig. 1



Fig. 2

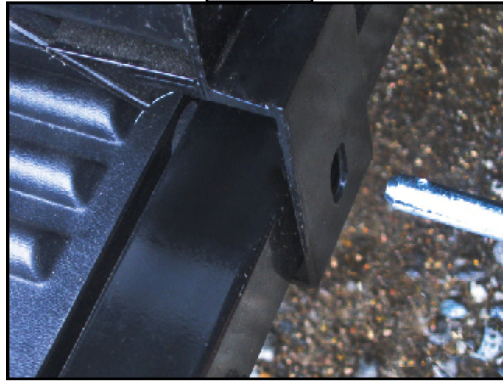


Fig. 3



NOTE: DO NOT attempt to extend the bike rack by pulling on the spare tire rack.

4. After bike rack is extended, replace cane bolt in assembly bracket (Fig. 4).
5. Replace hairpin in cane bolt (Fig. 5).
6. Once the bike rack is extended, it is ready to set up to store the bicycle(s) (Fig. 6).

Fig. 4

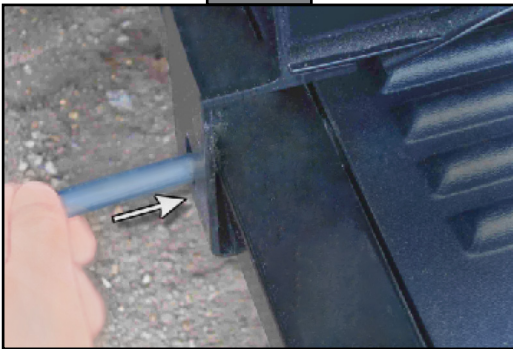


Fig. 5



Fig. 6



7. Release the snap pin and pull it from the stored mounting tube (Fig. 7).
8. Rotate the mounting tube vertically and place in the mounting bracket (Fig. 8).
9. Insert the snap pin completely through the mounting bracket and tube holes (Fig. 9).

Fig. 7



Fig. 8

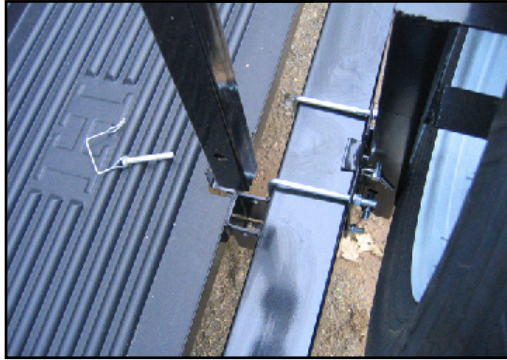


Fig. 9



10. Be sure the snap pin is securely fastened (Fig. 10).
11. Set the first bicycle on the bike rack up against the mounting tube (Fig. 11).
12. Utilizing the mounting holes on the front cross member of the bike rack and the hole and eye-bolt on the mounting tube, secure the bicycle to the bike rack. Possible items to use to secure the bicycle include rope, bungee cords and ratchet-style motorcycle straps, none of which are included with the bike rack assembly (Fig. 12).

Fig. 10



Fig. 11



Fig. 12



Bike Rack Weight Ratings

Lippert bike racks and tire carriers are weight rated based on the height of the main rail tube. Weight ratings for pull-out and fold-down bike racks are as follows:

- Pull-out bike rack on 4"- 6" main rail tube - 150 lb.
- Pull-out bike rack on 8" I-Beam main rail - 200 lb.
- Fold-down bike rack on 10" main rail tube - 250 lb.

⚠ CAUTION

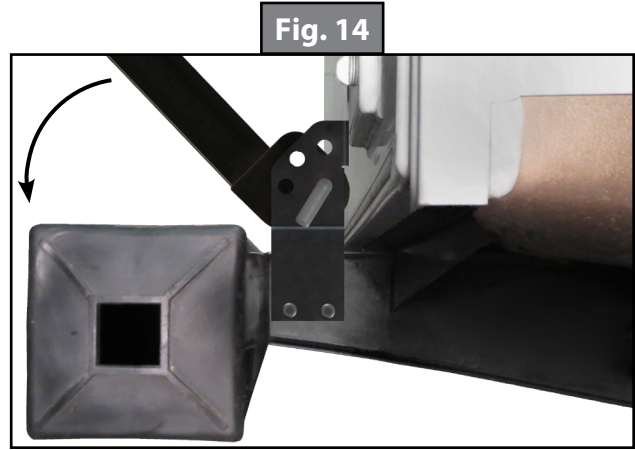
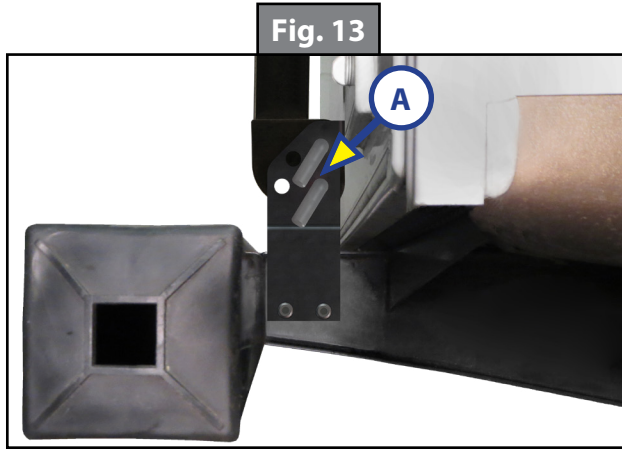
Failure to acknowledge bike rack weight ratings may result in damage to the coach.

Maintenance

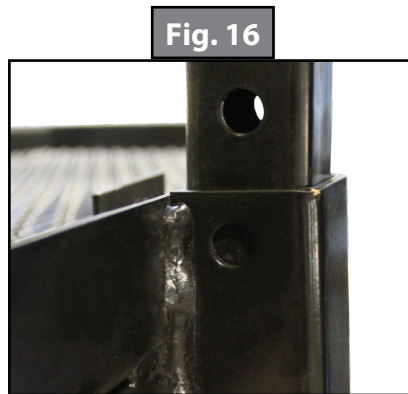
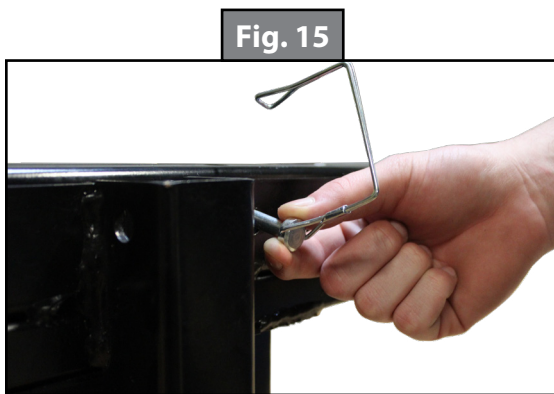
Bike racks and tire carriers may contain movable parts. Clean and/or lubricate periodically.

Manual Fold-Down Bike Rack Operation

1. Remove hair pin from cane bolt.
2. Remove cane bolt from bike rack bracket (Fig. 13A).
3. Repeat steps 1 and 2 on the opposite side of the assembly.
4. Fold bike rack into the "down" position (Fig. 14).
5. Replace cane bolt and hair pin into bike rack bracket, securing the rack in the "down" position.



6. Remove pin from the mounting tube (Fig. 15).
7. Rotate the mounting tube vertically and place it in the mounting bracket (Fig. 16).
8. Insert the pin completely through the mounting bracket and tube holes (Fig. 17).
9. Make sure the pin is securely fastened and that the bike rack is stable.
10. The bike rack is now extended and ready for operation.
11. Utilizing the mounting holes on the front cross member of the bike rack and the hole and eye-bolt on the mounting tube, secure the bicycle to the bike rack. Possible items to use to secure the bicycle include rope, bungee cords and ratchet-style motorcycle straps, none of which are included with the bike rack assembly.



Manual Loading of Bike Racks

1. Load first bicycle with its chain and gears facing away from rack. Make sure that bicycles do not come in contact with the coach.
2. Load subsequent bicycles in alternating directions. For best weight distribution, load heaviest bicycles first, with lighter bicycles on the outside. Add padding between bicycle contact points, if necessary.
3. After bicycles are loaded, check that entire rack is secure and that the rack is still firmly in place. Use side mirrors accordingly when backing up.

Manual Tire Winch Operation

1. Place the tire directly underneath the spare tire bracket.
2. Thread the winch portion of the of the tire bracket assembly through the wheel hub opening (Fig. 18).
3. Adjust the winch until it sits flush with the inside of the tire rim (Fig. 19).

Fig. 18

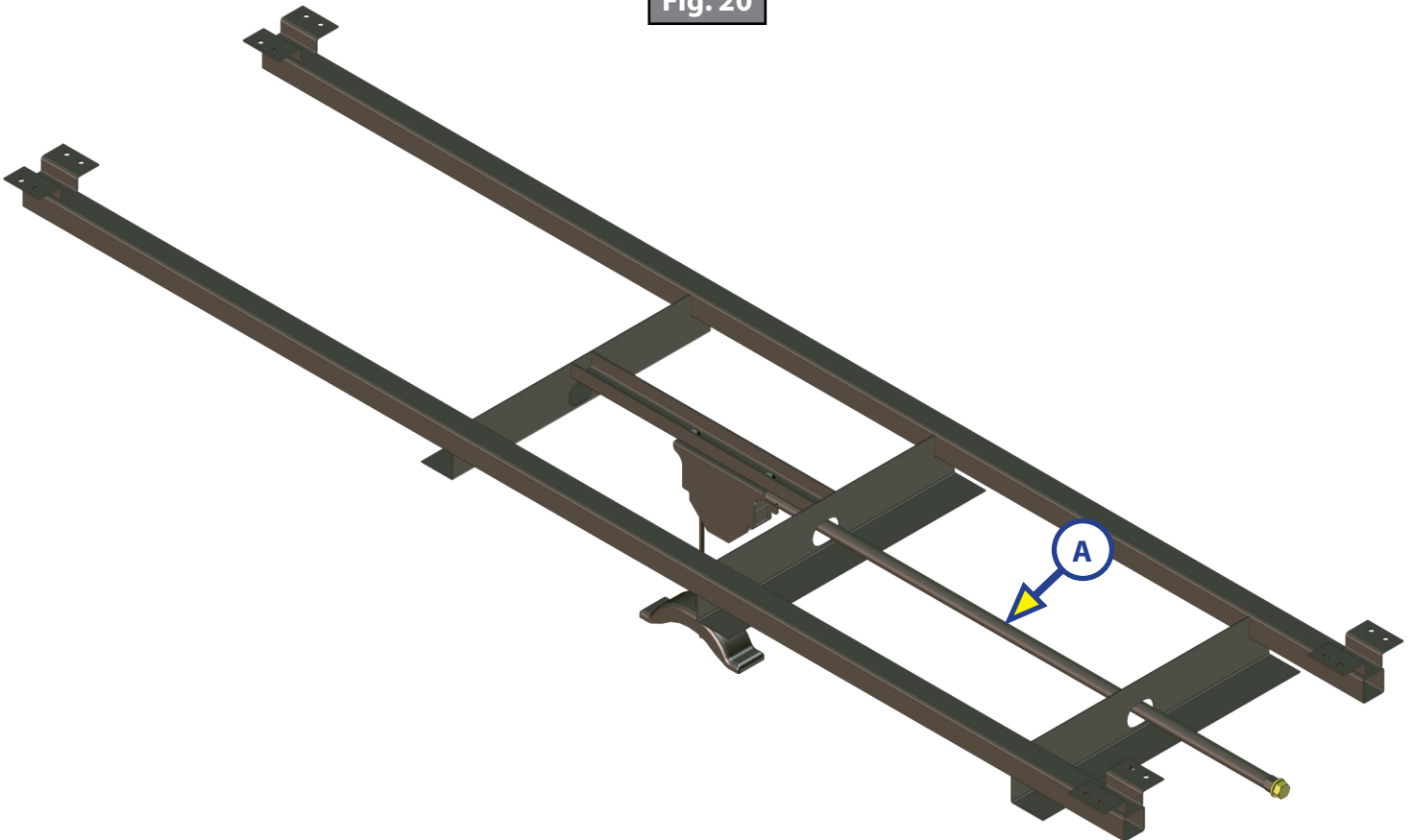


Fig. 19



4. By using the manual crank (Fig. 20A) or with a hand wrench, lower (counter-clockwise) or raise (clockwise) the tire. While raising the tire, take great care to assure that the winch is still in position.

Fig. 20



NOTE: The spare tire must be raised to the stow position by manual hand crank only. The tire should be raised to the point that the tire's sidewall firmly contacts the angle brackets (Fig. 21A).

Fig. 21



⚠ CAUTION

DO NOT over crank the winch or use a power drill or impact wrench to raise the spare tire. It may damage the winch or cable, causing the spare tire to drop from its stowed position and damage the vehicle.

Spare Tire Holder Operation

1. Remove mounting nuts.
2. Mount tire to spare tire carrier by threading bolts through the back of the wheel lug holes. Secure using mounting nuts.

Spare Tire Carrier Weight Ratings

Lippert spare tire carriers are not intended to be used for more than one spare tire. The weight of the spare tire carrier and tire must not exceed 110 lbs combined.

⚠ CAUTION

Failure to acknowledge tire carrier weight ratings may result in damage to the coach.



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