



Time Tested • Time Proven

Spare Tire Carrier

part number 195225, U.S. patent 8,720,760

Assembly and operating instructions

All specifications are subject to change without notice.

CAUTION

Read all instructions before assembling or operating this device. Failure to understand how to properly assemble or operate the spare tire carrier could result in extensive property damage or severe personal injury.



Assembly instructions

Tools required

- 9/16" socket wrench
- 15/16" socket wrench
- 1-1/8" socket wrench
- 13/16" socket wrench
- 7/8" socket wrench

1. Slide the base assembly (Figure 1) into the motorhome hitch receiver until one of the two pre-drilled hitch receiver holes (Figure 1) aligns to the hole in the hitch receiver.

WARNING

Do not use the spare tire carrier if any part of the second hitch receiver pin hole is over the lip of the hitch receiver, as shown in Figure 2. Over time, this will cause the shank of the spare tire carrier base to break at that point.

If the spare tire carrier cannot be attached in any other way, call ROADMASTER – a base with a single receiver pin hole (part number 195225-10) is available.

Failure to follow these instructions will result in property damage, personal injury or even death.

2. Use the 15/16" socket wrench to attach the hitch receiver mounting bolt (Figure 1). Secure with the hairpin clip.

3. Position the wheel mount (Figure 1) on top of the base assembly as shown in Figure 1.

Attach the 4" pivot bolt – use one of the 3/4" flat washers and one of the acetal washers on either side of the wheel mount shaft and secure the bolt with one of the nylon lock nuts, using the 1-1/8" socket wrench.

CAUTION

Hold the wheel mount in place until it is secured. The wheel mount is heavy and can cause property damage or severe personal injury if it is allowed to fall.

Figure 1

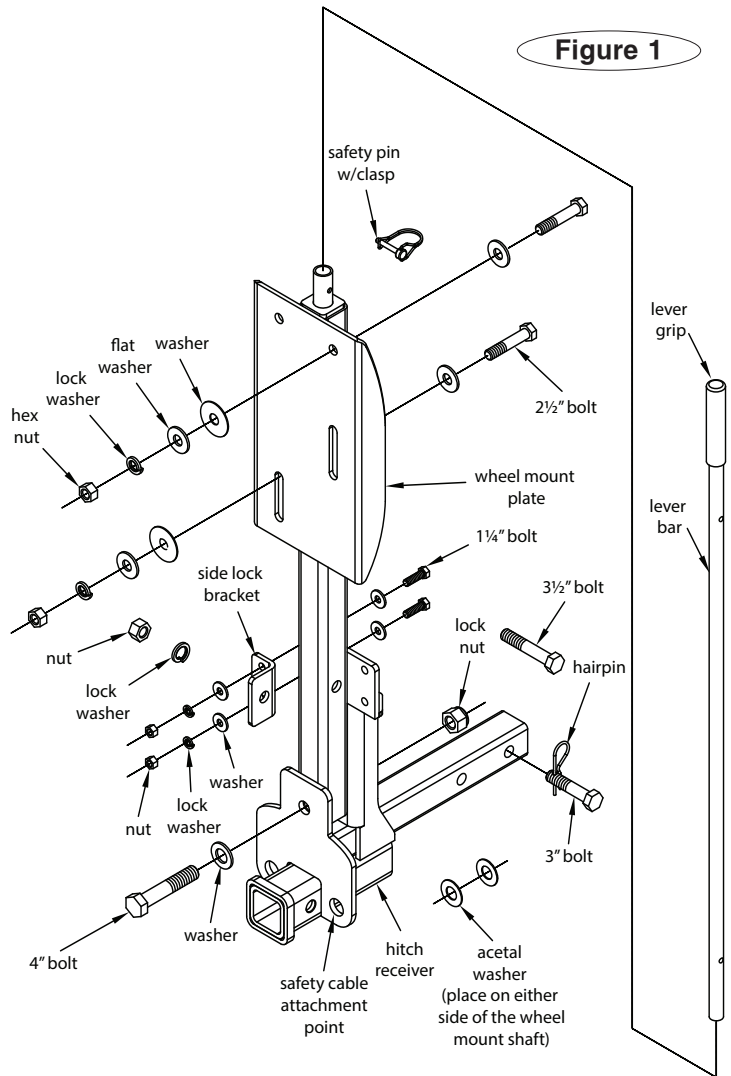
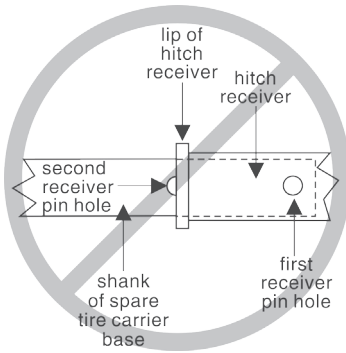


Figure 2



4. Determine if you want the spare tire carrier to rotate to the left or to the right – it can be rotated in either direction, in order to lower the spare tire and gain access to rear compartments, the engine or to avoid a ladder.

Attaching the side lock bracket (Figure 1) to the left or right side of the retaining plate will control which direction the spare tire carrier rotates.

5. Attach the side lock bracket to the retaining plate – align the bracket so the side with the single hole is flush to the wheel mount shaft (Figure 1). Attach the side lock bracket bolts with the 9/16" socket wrench, using the hardware shown in Figure 1. Tighten the bolts until the lock washers are compressed.

Attach the 3/2" bolt with the 15/16" socket wrench, and tighten until the lock washer is compressed.

Note: if you will be installing a spare tire at this time, do not attach the 3/2" bolt.

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Spare tire installation

6. Remove the 3½" bolt (Figure 1) and swing the spare tire carrier to the ground.



CAUTION

Be careful when lowering the spare tire carrier. Property damage or severe personal injury can result if it is allowed to fall.

7. Roll the spare tire up to the spare tire carrier.

Align the two bolt holes in the wheel which are most opposite each other to the corresponding hole and slot in the wheel mount.

8. As shown in Figure 1, fasten the nylon washers, metal washers and nylon lock nuts to the 2½" tire mounting bolts.

Position the nylon washers directly against the spare tire carrier.

Use the 13/16" and 7/8" socket wrenches to attach the nuts and bolts.

Note: the lug holes in the wheel may be much larger than the bolt. This is fine, so long as the washers cover the lug bolt holes.

CAUTION

Position the nylon washers against the spare tire carrier. This will help protect the wheel from any marring. Failure to follow these instructions may result in scratches and other non-warranty damage to the wheel.

9. Insert the lever bar and pin it as shown in Figure 1. Then, use the lever bar to raise the spare tire carrier up to the vertical position. Now, unpin the lever bar and let it gently slide inside the wheel mount shaft of the spare tire carrier. Re-pin it in its stowed position.

Secure the wheel mount shaft to the side lock bracket with the 15/16" socket wrench.



CAUTION

Hold the spare tire carrier in place until the 3½" bolt is attached. The carrier and spare tire are heavy and can cause property damage or severe personal injury if they are allowed to fall.

Safety cable attachment

10. When towing, the tabs (Figure 1) on either side of the spare tire carrier can be used to attach the safety cables.

Maintenance

11. At the beginning of each towing season, check to ensure that all fasteners are tight.



WARNING

Using the spare tire carrier will decrease the weight capacity of the vehicle's hitch receiver by one third. This lowered capacity must still be more than the weight of a towed vehicle or hitch accessory attached to the spare tire carrier.

If it is not, replace the hitch receiver with one that has the appropriate weight capacity. Otherwise, structural failure will occur.

Failure to follow these instructions will result in property damage, personal injury or even death.



WARNING

The spare tire carrier has a maximum carrying capacity of 10,000 pounds and a maximum tongue weight of 400 pounds (excluding the weight of the wheel and carrier). Do not exceed these weight capacities or structural failure will occur.

Failure to follow these instructions will result in property damage, personal injury or even death.

Safety Definitions

These instructions contain information that is very important to know and understand. This information is provided for **safety** and to **prevent equipment problems**. To help recognize this information, observe the following symbols:



WARNING

WARNING indicates a potentially hazardous situation which, if not avoided, could result in property damage, serious personal injury or even death.



CAUTION

CAUTION indicates a potentially hazardous situation which, if not avoided, may result in property damage, or minor or moderate personal injury.

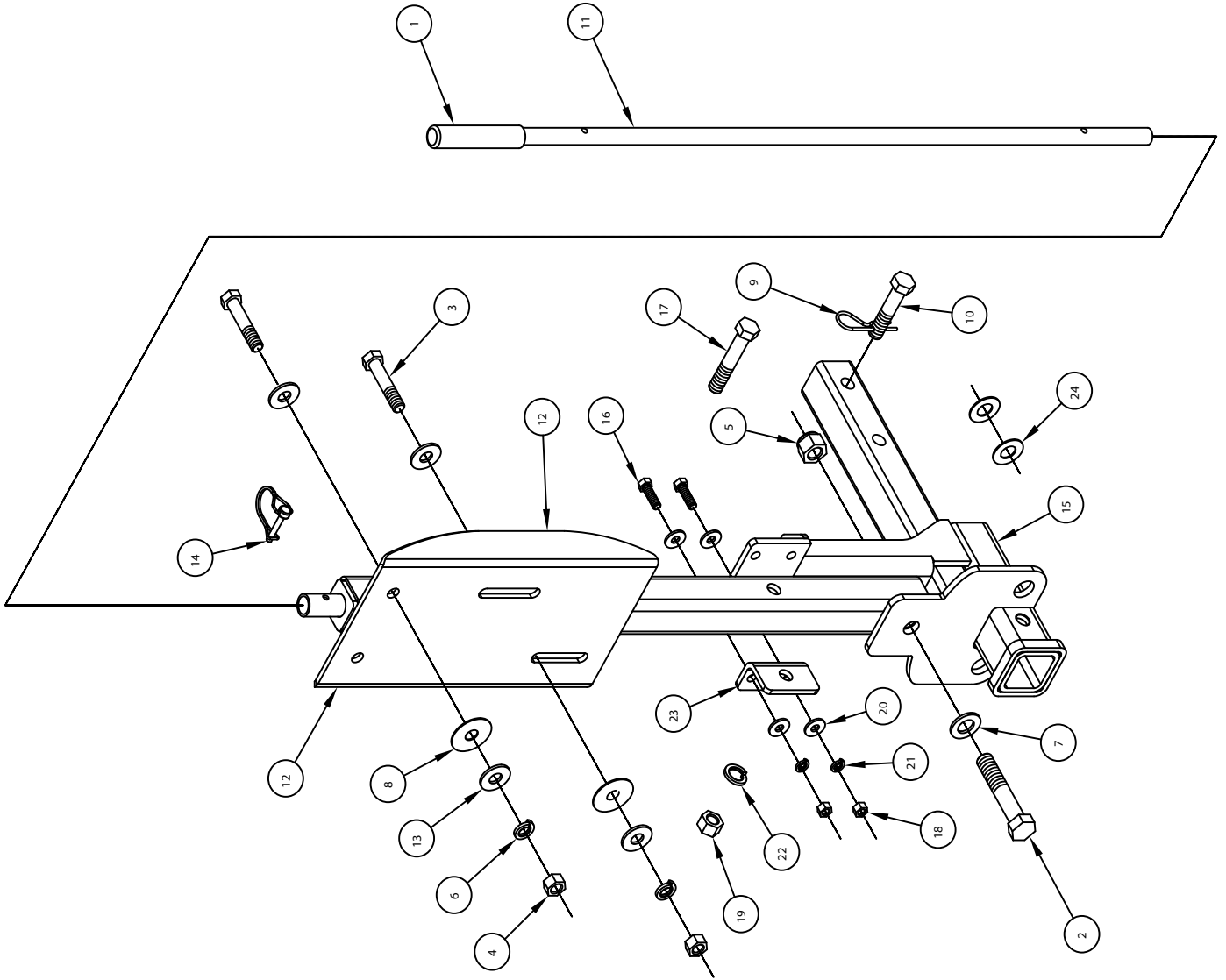
CAUTION

CAUTION used without the safety alert symbol indicates a potentially hazardous situation which, if not avoided, may result in property damage.

NOTE

Refers to important information and is placed in italic type. It is recommended that you take special notice of these items.

Item	Qty	Part Number	Part Description
1	1	200085-50	LEVER GRIP
2	1	350185-00	3/4-10 x 4" GRADE 5 BOLT
3	2	350216-25	9/16-12 x 2 1/2" GRADE 5 BOLT
4	2	350260-00	9/16-12 HEX NUT
5	1	350265-00	3/4-10 NYLON LOCK NUT
6	2	350311-10	9/16" LOCK WASHER
7	1	350314-20	3/4" SAE WASHER
8	2	350372-60	9/16" NYLON WASHER
9	1	357036-00	3/16" HAIRPIN
10	1	A-004634	5/8-11 x 3" GRADE 8 BOLT
11	1	A-004641B	LEVER BAR
12	1	C-002740F	WHEEL MOUNT
13	4	350347-00	9/16" USS FLAT WASHER
14	1	357000-50	1/4" SAFETY PIN W/CLASP
15	1	C-002780C	RECEIVER HITCH
16	2	350056-00	3/8-16 x 1 1/4" GRADE 5 BOLT
17	1	350163-00	5/8-11 x 3 1/2" GRADE 5 BOLT
18	2	350254-00	3/8-16 NUT
19	1	350262-00	5/8-11 NUT
20	4	350304-00	3/8" FLAT WASHER
21	2	350305-00	3/8" LOCK WASHER
22	1	350313-00	5/8" LOCK WASHER
23	1	B-002696B	SIDE LOCK BRACKET
24	2	350358-00	3/4" ACETAL WASHER



— ADVERTISEMENT —

Towed vehicle protection

Protect your towed vehicle's finish, headlights and windshield against damage with these two ROADMASTER products!



Made in the U.S.A.



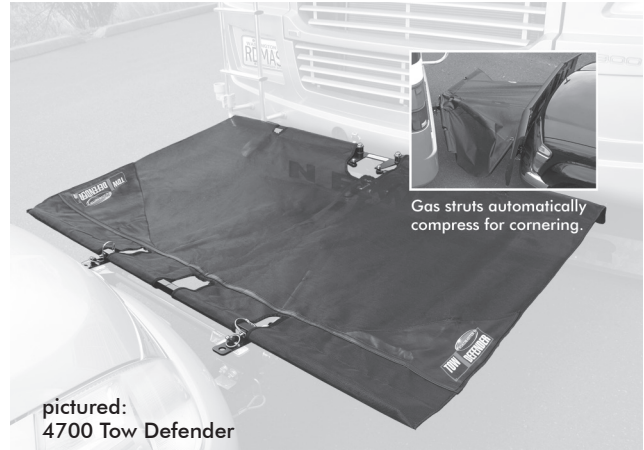
Protect your towed vehicle and RV against dings and rock chips!

The Guardian is crafted from rotationally-molded, high-impact polyethylene to absorb the impact of rocks, gravel and road debris – instead of ricocheting it back at the motorhome.

The Guardian can be attached and removed in seconds, and fits all ROADMASTER tow bars equipped with quick-disconnects. (Note: MX, MS or EZ5 brackets will not accommodate the Guardian.)

The Guardian can also be used with a tow dolly to help protect your towed vehicle by using the Guardian bracket (part number 2000-8).

If you tow more than one vehicle, the second vehicle kit has all the mounting hardware necessary to swap the Guardian from one vehicle to another.



pictured:
4700 Tow Defender

patent
pending



A bumper-to-bumper blanket of protection!

The Tow Defender's all-weather, heavy-duty screen deflects rocks, gravel and road debris down and away, protecting your towed vehicle's finish, headlights and windshield against chips and dings. The vinyl-coated mesh lets air through, keeping it low and over the road.

Fully extended, both Tow Defenders offer 20 square feet of protection, and are held in place with shock-absorbing gas struts. Once you've reached your destination, roll up the Tow Defender, snap the elastic straps around each end, and store it against the motorhome.

- Quick installation and release
- Lightweight and compact – weighs just 14.5 pounds, and rolls up to four inches in diameter
- Powder-coated steel supports and heavy-duty gas struts for maximum durability, support and cornering flexibility

For maximum protection, use a Tow Defender and a Guardian.

Motorhomes kick up rocks, gravel and road debris, but so does oncoming traffic. A Tow Defender/Guardian combination protects your towed vehicle's finish, headlights and windshield against damage from both lanes.