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Guardian carrier

for 2000-1 and RM3477 tow dollies
part number 2000-8

Installation instructions

All specifications are subject to change without notice.

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Before installing the Guardian carrier...

...lay out the kit components in order, as they will be used. This will give you a visual idea of how the components work, and will also confirm that everything is present and accounted for.

1. Use the 1/2" x 2" bolts, the backing plates, and the 1/2" flat washers, lock washers and hex nuts provided with this kit to attach the passenger side and driver side Guardian mounting brackets (which came with the Guardian) to the Guardian carrier, as shown in Figure 1.

Position the washers and nuts on the **towed vehicle side** of the Guardian carrier – the towed vehicle side is indented, as shown in Figure 2.

Position the backing plates on the **towing vehicle side** of the carrier, as shown in Figure 1.

Leave the hex nuts loose for now – the brackets may be moved up or down the adjustment slots (Figure 2), after the Guardian has been attached to the tow dolly.

2. Insert the **swivel bracket and base** (Figures 1 and 3) into the bottom of the carrier.

Note: the swivel bracket has two sides (inset, Figure 1) – the **towed vehicle side** is flat; the **towing vehicle side** is curved. These sides must match the two sides of the Guardian carrier – use Figure 1 as a reference to identify the towed vehicle and towing vehicle sides.

Align the pre-drilled holes in the swivel bracket to the pre-drilled holes in the carrier (Figure 3).

CAUTION

Unless the swivel bracket base is inserted as described above, the swivel bracket cannot be used to adjust the Guardian.

3. Attach the swivel bracket base to the Guardian carrier – on both sides, position one of the **double flat washers** (Figures 1 and 4) included with the Guardian carrier so that the pre-drilled holes in the washers align to the pre-drilled holes in the carrier and the swivel bracket. Attach the bracket with the provided 1/2" x 1 1/4" bolts and 1/2" lock washers, as shown in Figures 1 and 4.

Leave the bolts loose for now – the carrier may be adjusted forward or backward on the swivel bracket, after the Guardian has been attached to the tow dolly.

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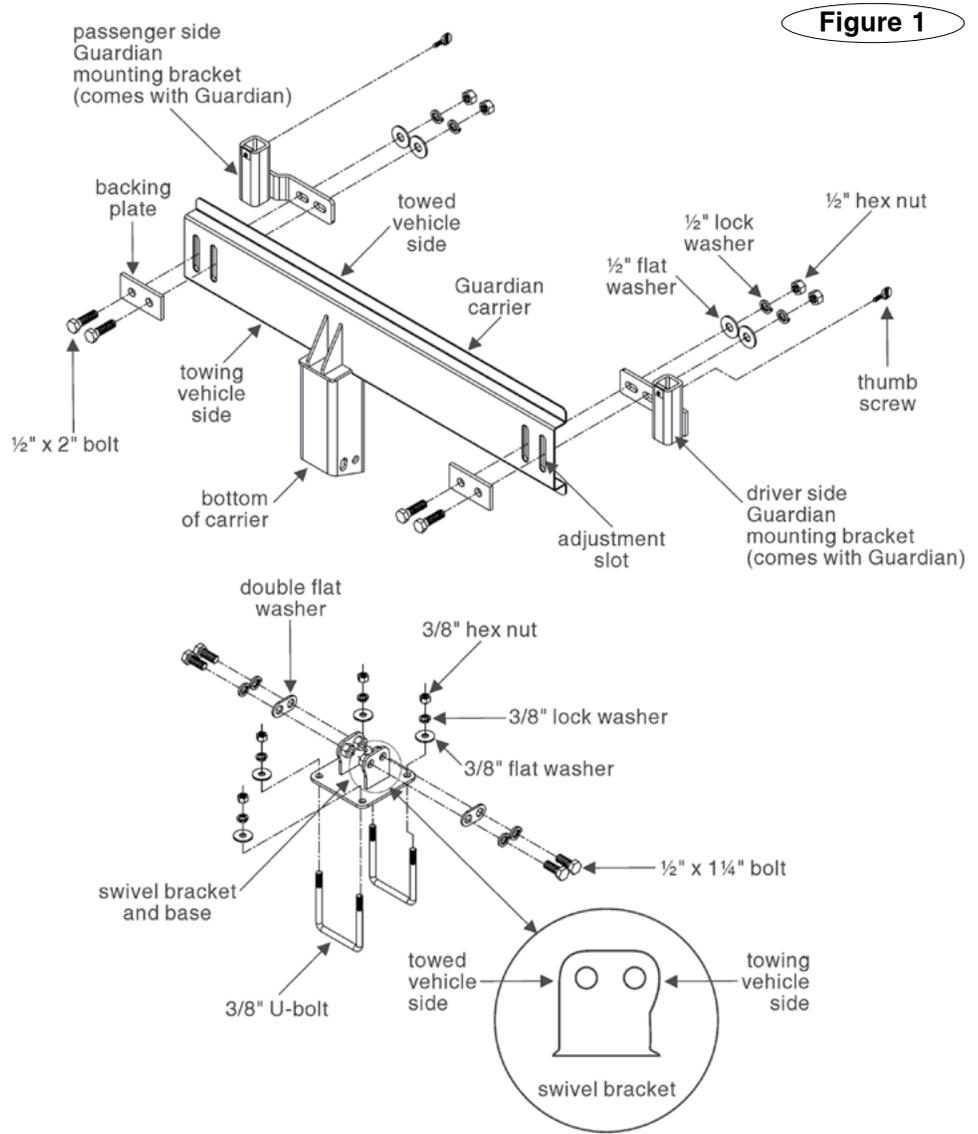


Figure 1

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4. Before attaching the Guardian carrier to the tow dolly, drive the towed vehicle into position on the tow dolly, following the instructions in the tow dolly owner's manual. (The most current copy of these instructions is available at roadmasterinc.com.)

Mark the tongue of the tow dolly six inches past the farthest extension of the towed vehicle (Figure 5).

Attach the Guardian carrier so that the back of the carrier (Figure 5) is six inches away from the farthest extension of the towed vehicle (Figure 5). Use the two provided U-bolts and 3/8" flat washers, lock washers and hex nuts to attach it, as shown in Figures 1 and 5.

Tighten the hex nuts to 45 ft./lbs.

5. Follow the installation and assembly instructions included with the Guardian to fit the Guardian into the two mounting brackets (The most current copy of these instructions is available at roadmasterinc.com.)

Note: the instructions included with the Guardian are for tow bar installation. With this exception, the instructions apply for the tow dolly.

6. The carrier (and the Guardian) can be adjusted: a) by the adjustment slots; or b) by the swivel bracket...

a) If the Guardian is too high or too low, adjust the Guardian up or down by loosening the 2" bolts attaching the mounting brackets to the carrier. Then, move the brackets up or down the adjustment slots (Figures 1 and 2) until the Guardian is at the correct height.

b) If the Guardian is tilted too far forward or backward, pivot the shank of the carrier (Figure 4) forward or backward. (If the shank does not move, the bolts attaching it to the swivel bracket base may be too tight. Or, the bracket may have been inserted incorrectly – see step 2.)

7. Once the Guardian is positioned, tighten all remaining bolts to 45 ft./lbs.

8. Follow the instructions, cautions and warnings included with the Guardian and the tow dolly for correct assembly, storage and cleaning.



WARNING

Do not use the Guardian carrier until you have read the Guardian and the tow dolly instructions completely – the instructions contain important safety information.

Failure to follow the instructions can cause property damage, personal injury or even death.

