

# Hitch Receiver Extension Installation Instructions and User's Guide

for the ROADMASTER 071 and 071-75 hitch receiver extensions

All specifications are subject to change without notice.

## Installation instructions

1. Slide the end of the extension into the motorhome hitch receiver, align the holes and secure the extension to the receiver with a hitch pin and clip (not included).

### **WARNING**

**Use hitch pins with 5/8" diameters only. Hitch pins with smaller diameters will break during towing, which may cause the extension, and the towed vehicle with it, to separate from the motorhome.**

**Failure to follow these instructions may cause property damage, personal injury or even death.**

2. Next, insert the tow bar stinger or ball hitch mount into the other end of the hitch receiver extension

As before, secure the stinger or ball hitch mount to the hitch receiver extension with a hitch pin and clip.

*NOTE: to prevent theft or accidental release, ROADMASTER recommends substituting a receiver hitch lock (part number 315) for at least one of the hitch pins and clips.*

### **WARNING**

**Do not use more than one hitch receiver extension at any given time, for any towing application.**

**The extensions are not designed to be linked together. Multiple extensions will buckle or separate when towing, causing the towing system to fail.**

**Significant property damage, personal injury or even death can result if multiple extensions are used.**

### **WARNING**

**Safety cables (or chains) must be used to bypass**

## IMPORTANT NOTICE!

### 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.**

### NOTE

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

## Towing and tongue weight capacities

The maximum towing capacity and tongue weight of the 071 and 071-5 hitch receiver extensions are as follows:

	Maximum towing capacity	Maximum tongue weight
071 series .....	<b>6,000 pounds</b>	<b>100 pounds</b>
(part numbers 071, 071-75)		

“Maximum towing capacity” is the **maximum** allowable weight of the fully loaded vehicle, including its contents.

“Maximum tongue weight” is the **maximum** allowable vertical load applied to the extension (including the weight of any accessory attached to the extension).

### **WARNING**

**Do not exceed the maximum towing capacity or the maximum tongue weight, or the hitch receiver extension will fail, which may cause the towed vehicle to separate from the motorhome.**

**Property damage, personal injury or even death can result.**

the hitch receiver extension and connect the towing vehicle to the towed vehicle frame to frame. This is required by law in many states.

Additionally, if the hitch receiver extension is being added to a tow system with safety cables already in place, be certain that the safety cables are not too short.

Hitch extensions will extend the distance the safety cables must now reach. If the safety cables are too short, severe non-warranty damage will occur to the safety cables, tow bar or other components of the towing system.

Damage to the motorhome, and damage to or loss of the towed vehicle, may also occur.

After attaching the hitch receiver extension make certain there is enough slack in the safety cables at the motorhome to allow for sharp turns – position the towed vehicle at a 45 degree angle to the motorhome. Then measure along the outside contour of the tow bar from the safety cable connection point at the hitch receiver to the safety cable connection point at the towed vehicle.

If the safety cables are shorter than this distance, you must either: 1) add safety cable extensions (12-inch extensions, part number 910648-12, are avail-

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able from ROADMASTER); or 2) purchase longer safety cables.

Failure to follow these instructions may cause property damage, personal injury or even death.

**! WARNING**

Do not use the hitch receiver extension if it drags going over dips, railroad tracks or other uneven road surfaces. The steel will be severely weakened by the force of the impact, which will cause the shank (Figure 1) to break.

Inspect the bottom of the extension after the initial use and after each trip thereafter to make certain that it has not come into contact with the road.

Failure to follow these instructions may cause property damage, personal injury or even death.

**! WARNING**

Do not drill a second hole in the shank of the hitch receiver, tow bar or hitch receiver extension.

Drilling a second hole will weaken the steel. The shank may break during towing, which will cause the towed vehicle to separate. Refer to Figure 1.

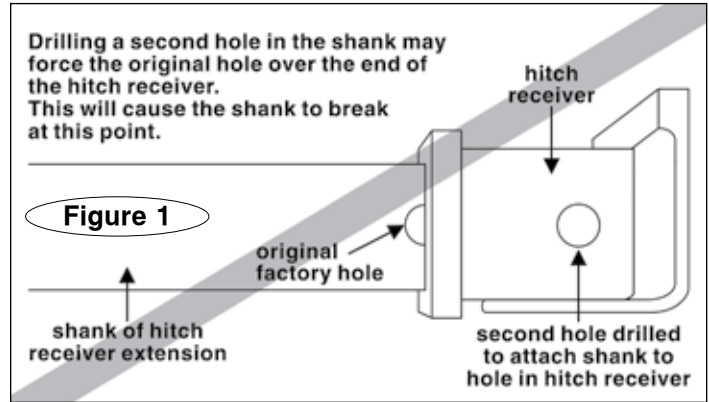
If the pre-drilled holes do not align to the hole in the hitch receiver or the extension: 1) purchase a hitch accessory of the appropriate length; or 2) call ROADMASTER technical support.

Failure to follow these instructions may cause property damage, personal injury or even death.

**! WARNING**

Receiver extensions cause the towing system to swing much higher and lower than towing systems without extensions. This enlarged arc of motion creates excessive strain on the tow bar, brackets and frame, which can cause the towing system to fail, causing property damage, personal injury or even death.

For these reasons, do not tow if the tow bar is more than three inches out of level.



Towing and Suspension Solutions