



Towing and Suspension Solutions

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ROADMASTER, Inc. 6110 N.E. 127th Avenue Vancouver, WA 98682 800-669-9690 Fax 360-735-9300 www.roadmasterinc.com

Replacement pedal clamp

for supplemental braking systems (part numbers 9329 and 9329-VW)

Installation Instructions

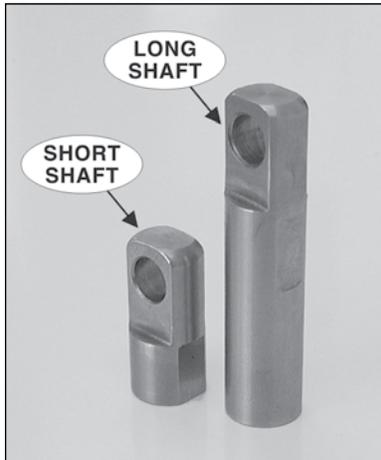
All specifications are subject to change without notice.

Before you begin the installation...

ROADMASTER manufactures two replacement pedal clamps – part numbers 9329 and 9329-VW. The installation instructions for both parts are identical. The 9329 pedal clamp is for the vast majority of installations; the 9329-VW pedal clamp is for certain models of Volkswagen vehicles only.

⚠ WARNING

The short shaft (shown below) included with the 9329 pedal clamp is the correct length for BrakeMaster supplemental braking systems ONLY. Do not install the short shaft with an Even Brake, an AddaBRAKE or a 9700 supplemental braking system – it will cause the pedal clamp and the housing to shift out of position. The towed vehicle’s brakes will be applied constantly, which will cause severe damage to the towed vehicle’s tires and braking system; other consequential, non-warranty damage may also occur.



The long shaft (shown above) included with the 9329 pedal clamp kit is the correct length for Even Brake, AddaBRAKE and 9700 supplemental braking systems ONLY. If the long shaft is installed on a BrakeMaster supplemental braking system, the towed vehicle’s brakes will be applied constantly. Severe damage to the towed vehicle’s tires and braking system will occur; other consequential, non-warranty damage may also occur.

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

To remove the existing pedal clamp...

1. With a 11/16-inch wrench over the lock nut on the air cylinder shaft (Figure 1) and a 9/16-inch wrench over the indent in the pedal clamp shaft (Figure 1), turn the lock nut until it is loose.

⚠ WARNING

Do not use the air cylinder shaft as a leverage point to loosen the lock nut. Applying pressure to the shaft

with vice grips, pliers or other tools will score the shaft, which will prevent the shaft from retracting.

If the air cylinder shaft cannot retract, the towed vehicle’s brakes will be applied continuously, resulting in severe non-warranty tire damage, brake damage or brake fire, or other consequential, non-warranty damage.

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

2. Next, unthread the pedal clamp from the air cylinder shaft (Figure 1) by rotating it counterclockwise.

To install the new pedal clamp...

1. Thread the new pedal clamp onto the shaft, until it can go no farther. Retighten the lock nut, using the 9/16-inch and 11/16-inch wrenches you used to remove the old clamp, to secure the new pedal clamp in place.

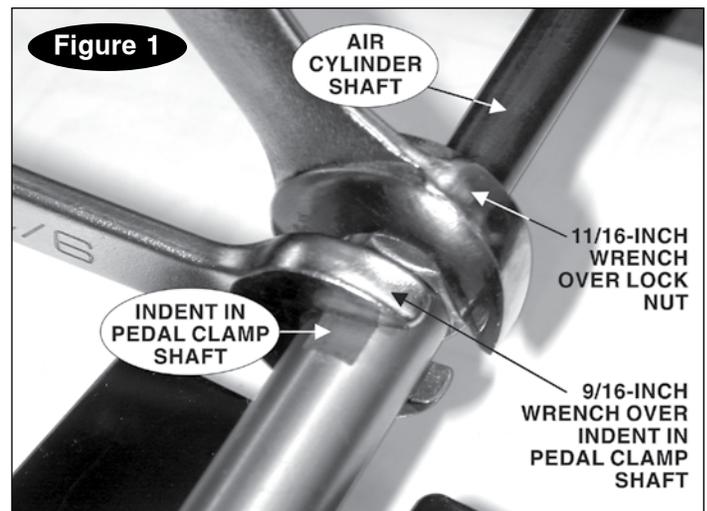
CAUTION

Once the new pedal clamp is screwed onto the air cylinder shaft, retighten the lock nut. If the lock nut is loose, the pedal clamp will unthread from the cylinder, extending the reach of the pedal clamp. The supplemental braking system will apply excessive brake pressure, which will cause brake wear and/or brake system damage, as well as other consequential, non-warranty damage.

To connect the pedal clamp...

1. Verify that the pedal clamp is right side up, as shown in Figure 2 – the arrow on the sticker will point “Up” when

continued on next page



To connect the pedal clamp...

continued from preceding page

the pedal clamp is properly positioned.

2. Pull the hairpin clip (Figure 2) out, then lift the slotted arm (Figure 2) up and out of the way.

3. Move the pedal clamp over the brake pedal. Then, hold the clevis (Figure 3) and pull back on the spring post (Figure 3), until the tabs under the pedal clamp are wide enough to clear the brake pedal.

4. Fit the pedal clamp onto the brake pedal, so that all tabs are hooked around it (Figure 4). Then, release the spring post.

Note: on the initial installation, it may be necessary to adjust the tabs on the pedal clamp – use pliers to bend any or all of the tabs so that they hook around and under the towed vehicle's brake pedal.

Once the tabs have been adjusted to a specific brake pedal, no further adjustment to the pedal clamp is necessary for that vehicle.

For every subsequent vehicle, inspect the pedal clamp on the initial installation. Verify that all tabs are hooked around and under the brake pedal. If necessary, bend the tabs to fit, as described above.

CAUTION

Make certain that all tabs on the pedal clamp are securely hooked around the brake pedal (Figure 4). If the tabs are loose, the pedal clamp can rotate out of position and hold the brake pedal down, even when the supplemental braking system is not activated, which will cause brake damage or other consequential, non-warranty damage.

5. Swing the slotted arm back over the spring post, fit the spring post through one of the slots, and reattach the hairpin clip (Figure 4).

Note: the spring post may be bent slightly with a pair of pliers, if necessary, in order to fit it through one of the slots.

To disconnect the pedal clamp...

1. Pull the hairpin clip (Figure 2) out, then lift the slotted arm (Figure 2) up and out of the way.

2. Hold the air cylinder shaft and pull back on the clevis (Figure 3), until the tabs under the pedal clamp are wide enough to clear the brake pedal.

Lift the pedal clamp up and away from the brake pedal.

WARNING

Read all instructions before installing or operating the supplemental braking system. Failure to understand how to install or operate the supplemental braking system could result in property damage, personal injury or even death.

