



Time Tested • Time Proven

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1/4" Check Valve

Required to switch the InvisiBrake controller between two vehicles
Part number 452143-10

Installation instructions

All specifications are subject to change without notice.

Purpose

Use the 452143-10 check valve in conjunction with the InvisiBrake® new car kit (part number 98700) to add the InvisiBrake system to a new vehicle, while retaining it in the original. The check valve will allow you to remove the InvisiBrake controller without creating a vacuum leak in the vehicle's power brake system.

In addition to the new car kit, other components will also be necessary:

- An InvisiBrake air cylinder (part number 452109-30-20)
- An InvisiBrake cable assembly (part number 452109-30)

Follow the instructions in the InvisiBrake new car kit to install these components. The latest versions of all ROADMASTER instructions are available at www.roadmasterinc.com.

WARNING

Read the instructions before installing the kit components. Failure to understand how to install this product could result in property damage, personal injury or even death.

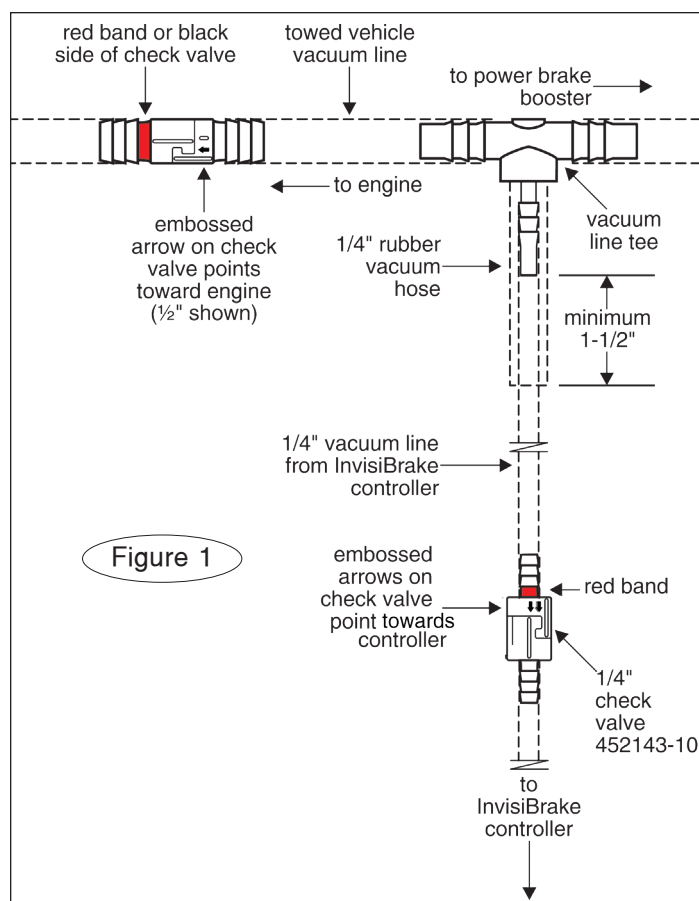


Figure 1

Installation

1. Follow the instructions in the InvisiBrake new car kit to attach the necessary components in the second towed vehicle.

2. Install the 1/4" check valve while you are attaching the 1/4" vacuum line from the InvisiBrake controller to the towed vehicle's vacuum line (in the section titled "Attach the vacuum line"). The check valve is installed as shown in Figure 1.

Cut the 1/4" vacuum line and insert the check valve, with the red band away from the controller and the two embossed arrows on the valve pointing towards from the controller.

Note: some check valves are half black and half clear. These check valves are installed with the black side pointing toward the engine.

You must also install a 1/4" check valve in the original towed vehicle.

WARNING

A 1/4" check valve must be installed in both towed vehicles.

Otherwise, the power brakes will not function. Considerable force will be required to apply the brakes. Braking distance will be subsequently lengthened, which may cause property damage, personal injury or even death.

3. Switch the controller from one towed vehicle to the other by connecting or disconnecting the vacuum hose, four-wire harness and the four-wire flat harness, as described in the InvisiBrake new car kit installation instructions.

4. Follow the complete instructions and safety warnings in the InvisiBrake new car kit.

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 symbol:

WARNING

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