



Time Tested • Time Proven

854956-04 01/18

FuseMaster 76512

Installation and operating instructions

All specifications are subject to change without notice.

ROADMASTER, Inc. 6110 NE 127th Ave. Vancouver, WA 98682 800-669-9690 Fax: 360-735-9300 www.roadmasterinc.com

Purpose

The FuseMaster 76512 will eliminate the necessity of removing fuses for towing, then having to reinsert them for driving. After the installation you will flip a switch to accomplish the same purpose.

This FuseMaster is for vehicles which must have two ATM mini or two ATM micro fuses (not included) removed. If three fuses must be removed, combine the FuseMaster 76512 with one of the single-fuse versions – 76510, 76511 or 76513.

For a vehicle-by-vehicle fit list, visit www.roadmasterinc.com. Select the “Vehicle-Specific Info” menu tab.

Required tools

- fuse puller (for difficult-to-access fuses)
- power drill with 3/4-inch bit or 3/4-inch flat auger bit

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:

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.

NOTE

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

Installation instructions

CAUTION

Read all instructions before installing or operating this device. Failure to understand how to properly install or operate the FuseMaster could result in extensive property damage.



1. Refer to the towed vehicle owner’s manual to determine which fuse must be removed for towing.

Note: running changes may not be reflected in the owner’s manual. ROADMASTER recommends calling the dealership to confirm which fuses must be removed.

2. Remove the access panel and then the fuses.
3. Confirm that the two pairs of silver pins at the end of the FuseMaster harness are the same size as the pins on the fuses you removed. The pins must match.

CAUTION

Do not insert the fuses into the FuseMaster harness until instructed to do so, or the fuses may blow.

Note: if the fuses are ATM micro fuses, you must purchase ATM mini fuses of the same amperage to replace them – micro fuses will not fit in the FuseMaster fuse holders.

4. Insert the silver pins at the end of the FuseMaster harness into the sockets for the fuses you removed.

Insert the two wires with red shrink wrap into one socket; insert the other two wires into the other socket.

Gently press the pins down until they are fully seated.

Note: for vehicles with ATM micro fuses (for example, some Honda models) press the silver pins to the outside edges of the fuse socket – the sockets for these fuses have the connectors at the sides.

5. Test-fit the access panel, to ensure that it can be replaced over the FuseMaster harness.

6. If necessary, use wire ties (not included) to secure the FuseMaster harness in place.

CAUTION

If the harness is not secured the electrical connection may be broken, preventing the circuit from functioning. FuseMaster will not operate.

7. Look for a mounting surface for the switch close to the fuse box. (The preferred location is on the fuse box access panel).

continued on next page

Notice

ROADMASTER, Inc. assumes no responsibility for damage and accepts no liability in any way for the proper or improper use or installation of this product, including any warranty claims that may be considered voided by the towed vehicle manufacturer or for any consequential damage that may arise from its use.

continued from preceding page

This mounting surface must meet the following conditions:

- Choose a location where the switch will not be turned on or off accidentally, but where it will be accessible to operate.
- The switch must be installed on a plastic surface which is ¼-inch thick or less.
- There must be enough space for the switch.
- There must not be any metal directly behind the mounting location.
- There must not be any wiring or electrical components directly behind the mounting location.
- You will remove the mounting nut (Figure 1) and the wiring connectors (Figure 1) to install the switch. You must be able to reach behind the switch to reattach them.

8. Using a power drill with a ¾-inch bit or a ¾-inch flat auger bit, drill a hole at the mounting location you have chosen.

9. Remove the four wires from the switch by pulling on the connectors until they separate from their terminals.

Note: if the connectors are difficult to remove from the terminals, move them back and forth against the terminals as you pull out.

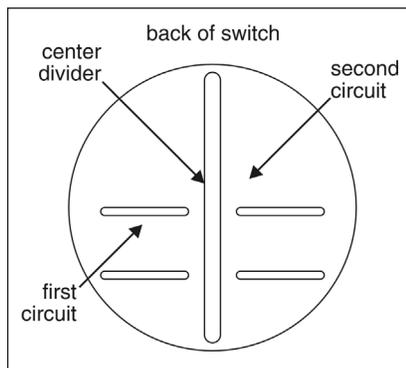
10. Remove the mounting nut.

11. Position the switch in the hole, with the blank space (Figure 1) at the top.

12. Reattach the mounting nut, with the serrated side toward the switch, and hand-tighten it.

13. Reattach the wiring connectors into their terminals on the switch.

Note: each pair of wires is bundled together. Connect one pair of wires to the first circuit terminals, as shown to the right, and the other pair to the second circuit.



14. Where possible, slide the black split loom over the wiring connections and secure the loom with electrical tape.

15. Tape the wiring if there is any exposed metal in the immediate area of the switch.

16. IMPORTANT – Install the fuses you removed from the towed vehicle into the FuseMaster holders (Figure 2).

The black pair of wires is connected to the fuse holder closest to the silver pins (Figure 3); the colored pair of wires is connected to the other fuse holder. Insert the fuses into the appropriate fuse holders, as shown in Figure 3.

CAUTION

A blown fuse, significant damage to electrical components or other consequential damage may occur if the fuses are not inserted into the correct fuse holder.

Confirm that the fuses are fully seated. Replace the protective cap (Figure 2).

Note: if the fuses you removed were ATM micro fuses, install ATM mini fuses (not included) of the same amperage.

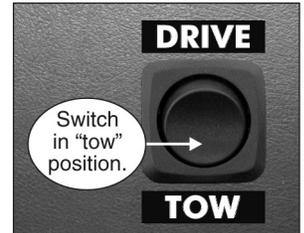
CAUTION

ALWAYS match the amperage of the fuse in the FuseMaster harness to the fuse removed from the towed vehicle's fuse panel. NEVER install a fuse with more than a 20-amp rating into the FuseMaster harness.

Failure to follow these instructions may cause severe damage to the vehicle's electrical components. Other consequential, non-warranty damage may also occur.

Operating instructions

When the top part of the switch is depressed it is in the "drive" position; when the bottom part of the switch is depressed it is in the "tow" position, as shown to the right.



Mount the included "Drive" and "Tow" stickers at the appropriate sides of the switch.

WARNING

Never flip the switch to the "tow" position while driving. If the switch is flipped, the electrical functions of the switch FuseMaster has replaced will be lost.

A loss of power steering, power brakes and/or a loss of vehicular control may result.

continued on next page

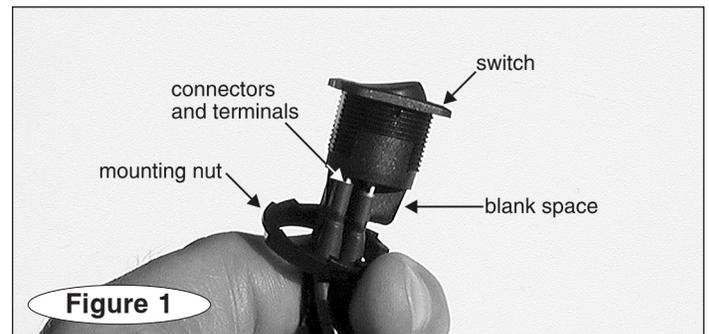


Figure 1

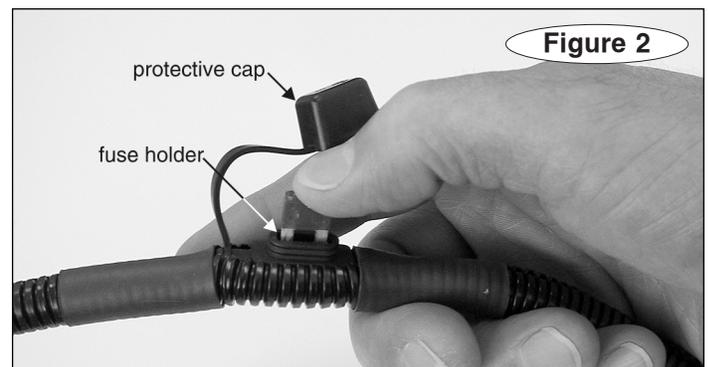


Figure 2

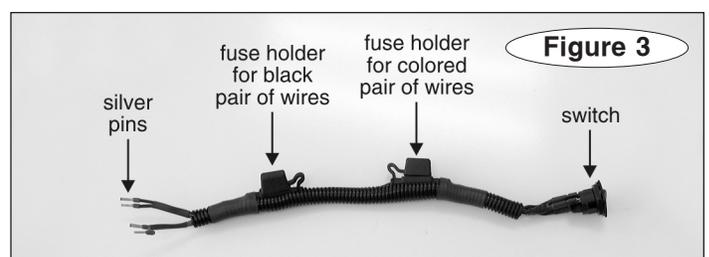


Figure 3

continued from preceding page

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

Troubleshooting

If FuseMaster fails to operate as described, confirm that...

- ...the pins are fully seated in the fuse socket and not touching each other;
 - ...the wiring is properly connected to the back of the switch;
- and
- ...there is a properly-installed fuse in the FuseMaster harness and that it is not blown.