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FuseMaster 76511

Installation and operating instructions

All specifications are subject to change without notice.

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Purpose

The FuseMaster 76511 will eliminate the necessity of having to remove a fuse for towing, then reinserting it for driving. After the installation you will flip a switch to accomplish the same purpose.

The FuseMaster 76511 is for vehicles which must have one ATM mini or one ATM micro fuse (not included) removed. It is specifically designed for installations where the distance between the fuse to be removed and the closest switch mounting location is approximately 12 or 13 inches.

(The FuseMaster 76510 is for the same type of installation, but three inches shorter.)

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

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.



Note: if the fuse to be removed is located in the engine compartment, see "Engine compartment installation," at the end of these instructions.

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 fuse.

3. Confirm that the two silver pins at the end of the FuseMaster harness are the same size as the pins on the fuse you removed. The pins must match.

CAUTION

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

Note: if the fuse is an ATM micro fuse, you must purchase an ATM mini fuse of the same amperage to replace it – a micro fuse will not fit in the FuseMaster fuse holder.

4. Insert the two silver pins at the end of the FuseMaster harness into the socket for the fuse you removed. Either pin will work in either hole.

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.

You may find it easier to use the included fuse socket
continued on next page

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

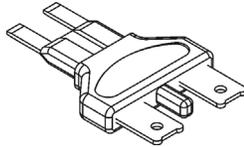
Refers to important information and is placed in italic type. It is recommended that you take special notice of these items.

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.

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adaptor. To use the adaptor – 1) plug the adaptor into the socket; 2) cut the terminals at the end of the FuseMaster harness; 3) crimp two female spade connectors onto the wires; and 4) attach the wires to the adaptor (either wire works at either post).



fuse socket adaptor

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). 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 ¼-inch bit or a ¾-inch flat auger bit, drill a hole at the mounting location you have chosen.

9. Remove the two 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 white dot side (Figure 1) up.

12. Reattach the mounting nut, with the serrated side toward

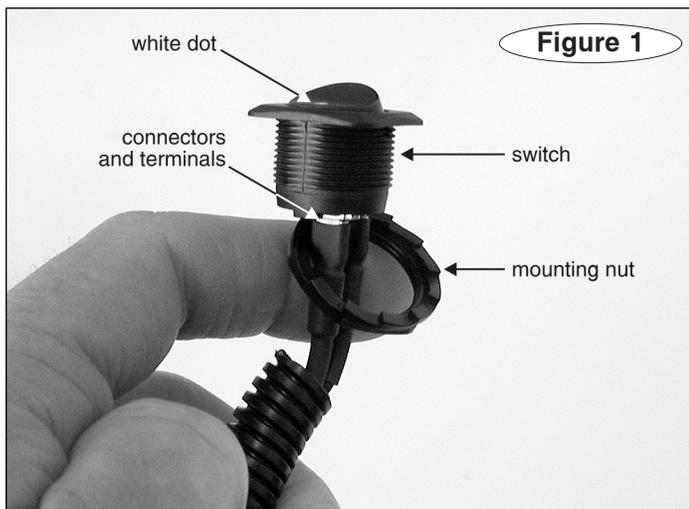


Figure 1

the switch, and hand-tighten it.

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

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 fuse you removed from the towed vehicle into the FuseMaster holder (Figure 2); confirm that the fuse is fully seated. Replace the protective cap (Figure 2).

Note: if the fuse you removed was an ATM micro fuse, install an ATM mini fuse (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.

17. If desired, mount the included 'Tow' sticker under the switch assembly and the 'Drive' sticker above the switch assembly.

Operating instructions

To drive the vehicle – flip the switch so that the side with the white dot (Figure 1) is depressed.

To tow the vehicle – flip the switch so that the side with the white dot is not depressed.

⚠ 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.

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

Troubleshooting

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

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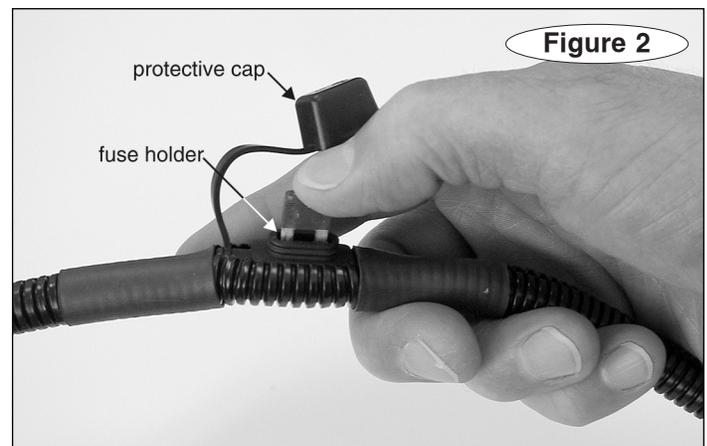


Figure 2

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- ...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;
- ...there is a properly-installed fuse in the FuseMaster harness and that it is not blown; and
- ...the fuse socket adaptor (if used) is seated in the socket and the spade connectors are properly attached.

Engine compartment installation

If the fuse to be removed is located in the engine compartment, you will drill the access hole in the fuse box cover. Depending on the particular vehicle, you may drill the access hole directly over the fuse or at a top side corner.

With this exception, follow the instructions above.