



Towing and Suspension Solutions

Second motorhome kit

part number 98850

# Installation 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

## Required tools

- drill with 5/16" bit (only necessary if you decide to drill a hole through the motorhome dashboard for the LED monitor light)
- wire strippers

## Installation

*Note: some motorhomes are manufactured with auxiliary wires pre-strung from the rear of the motorhome to the dashboard – if the motorhome has such a wire, use it instead of the 50-foot wire included in the kit, which will save time.*

Refer to the motorhome owner's manual or call the dealership.

1. If there is no pre-existing wire, attach the end of the 50-foot length of black wire with the female bullet connector to the back of the motorhome, near the electrical socket.

Attach the connector with one or more wire ties. Allow enough slack so that a matching connector can be plugged into and out of it.

2. Route the other end of the wire from the back of the motorhome to the underside of the dashboard.

3. Choose an area on the dashboard to mount the LED, where the LED can be easily seen by the driver.

4. Drill a 5/16" hole through the dashboard at the point you have chosen. **Before drilling, confirm that the location of the LED is approved by the owner and make certain you will not damage the dashboard or any**

**components on the other side.**

5. Center the LED decal (Figure 1) over the hole, and press it down. Or, you may choose to omit the decal, depending on your preferences.

6. From the top of the dashboard, slide the LED through the hole, wires first, until the base of the bulb (Figure 1) is flush to the top of the dash.

7. From the underside of the dash, fit both of the wires through the speed nut (Figure 11). Then push the speed nut up, against the dash, to secure the LED.

8. With one or more wire ties, attach the audio signal circuit board (Figure 2) to the underside of the dash, as close to the LED as possible.

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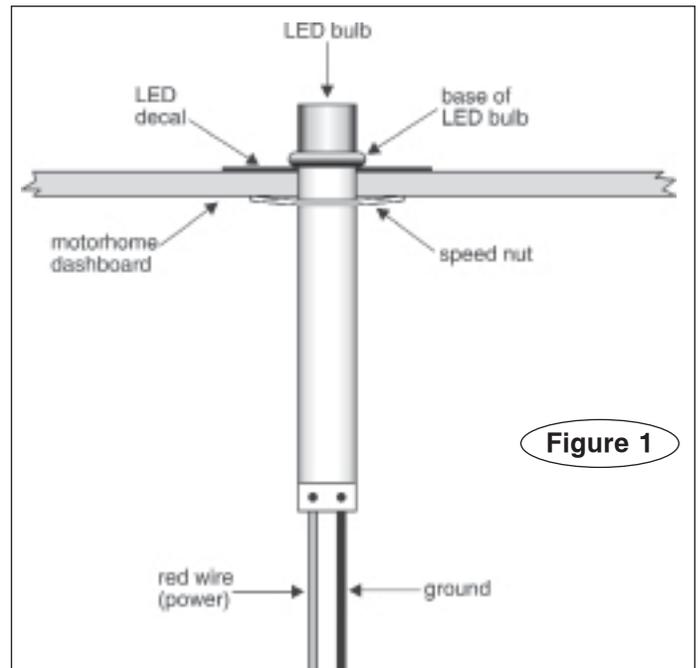


Figure 1

## 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** 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.*

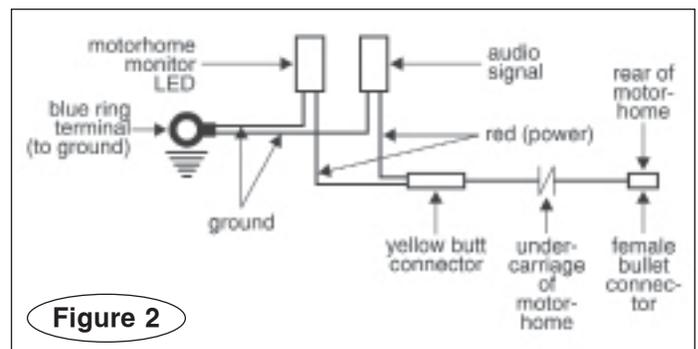


Figure 2

*continued from preceding page*

9. Connect the monitor LED, audio signal circuit board and the black wire from the rear of the motorhome as shown in Figure 2.

### **Test the monitor**

1. According to the manufacturer, make all adjustments necessary to prepare the vehicle for towing. Refer to the owner's manual or call the dealership for vehicle-specific information.

2. Make all connections between the towed vehicle and the motorhome, including tow bar, wiring kits, monitor wire patch cord, etc. (If necessary, refer to the appropriate owner's manual at [www.roadmasterinc.com](http://www.roadmasterinc.com) for the supplemental braking system connections.)

3. Confirm that the motorhome monitor LED is functioning – the LED will illuminate after the motorhome's brake pedal is depressed and stop illuminating when the brake pedal is released.

4. Confirm the proper operation of the audio alert – in the towed vehicle, depress and hold the brake pedal down. After approximately 20 seconds, the audio alert will sound in the motorhome. (To cancel the audio alert, release the towed vehicle's brake pedal.)

### **WARNING**

**If the LED or audio alert do not function as described above, you must refer to the Troubleshooting section in the appropriate owner's manual and repair the fault before towing. Otherwise, significant damage to the towed vehicle's brakes and/or a loss of vehicular control may occur.**

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



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