Installation instructions

1. Attach the included length of red 14 gauge wire to the center pin (the number 2 pin in Figure 1) in the towed vehicle’s power cord socket.

Apply a silicone sealant to the socket terminals where the wires are connected; make certain that all electrical connections in the socket are watertight.

If the socket terminals aren’t sealed, stray voltage may energize the turn signal wiring. This will, in turn, activate any devices controlled by the turn signal wiring. Roadmaster manufactures two supplemental braking systems (InvisiBrake and the 9700) which are so activated. Stray voltage may also cause inadvertent activation of any other device so activated. In the case of supplemental braking systems, severe brake system damage, loss of vehicular control and other consequential damage may occur.

2. Route the wire to the towed vehicle’s battery, or if the battery isn’t in the engine compartment, to the positive battery post in the engine compartment. Choose a route that will avoid the possibility of a short circuit or other damage to the vehicle.

Cover the wiring along its entire length with the included split loom.

3. Find a suitable mounting location for the included circuit breaker — it must be mounted on a flat surface, within approximately 6” of the vehicle’s battery (the closer the better), at a point where it will not interfere with the operation of any components.

Using the two included self-tapping screws, attach the circuit breaker.

4. Route the red 14 gauge wire to the circuit breaker and cut it. Strip ¼” of insulation from the end of the wire and crimp it onto one of the #10 ring terminals.

5. Attach the terminal to the gold post on the circuit breaker (identified as ‘BAT’) with one of the included nuts.

6. Attach one end of the remaining length of red 14 gauge wire to the silver post on the circuit breaker (identified as ‘AUX’) in the identical manner.

Route this wire to the positive post and cut to length.

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If helpful, you may use the included 5/16” ring terminal to attach it. The vehicle’s engine must be off when you attach the wire to the post.

7. Ensure that a good ground exists between the frame of the towing vehicle and the frame of the towed vehicle.

Note: to confirm that the charge line is functioning...

- With the charge line connected from the motorhome to the towed vehicle and the motorhome engine running, disconnect the red wire from the towed vehicle’s positive battery post.
- Connect a volt meter or test light from the red wire to the towed vehicle’s ground.
- If the volt meter or test light indicates 12 VDC+, the charge line is functioning.