**WARNING** Failure to follow these instructions may result in product damage, equipment damage, and serious or fatal injury to personnel.

**Parts Included in Kit**

![System Resistor 1100-41](image)

**Typical Installation**

```
<table>
<thead>
<tr>
<th>Foot controller</th>
<th>Brake pedal</th>
</tr>
</thead>
<tbody>
<tr>
<td>Socket</td>
<td></td>
</tr>
</tbody>
</table>

System resistor (optional)
```

**Installation & Operation Instructions for Warner Electric Brake System Resistor**

1. The purpose of the System resistor is to allow synchronization of trailer brakes with the towing vehicle’s brakes. When properly adjusted each brake system should do its own share of work. The towing vehicle should not be stopping the trailer and the trailer should not be stopping the towing vehicle.

2. Select a suitable area in the engine compartment. Mark the location for mounting screws and drill (2) 3/16" holes. Position the resistor and insert and tighten the two screws to secure the unit in place.

3. Connect the resistor in series with the brake control and power supply per the diagram.

4. Be careful when routing wires around hot or sharp surfaces. Clamp wires to prevent chaffing. A grounded or shorted wire would make trailer brakes inoperable and could cause damage to other wiring.

5. To increase braking power, loosen the thumb screw and move slide toward “more trailer brake”. To decrease braking power, move the slide toward “less trailer brake”.

Failure to follow these instructions may result in product damage, equipment damage, and serious or fatal injury to personnel.
FROM POWER SUPPLY

LESS TRAILER BRAKE

ADJUSTMENT
THUMB SCREW
AND CLAMP

MORE TRAILER BRAKE

TO BRAKE CONTROLLER

MORE TRAILER BRAKE

LESS TRAILER BRAKE
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