MOPAR TRAILER BRAKE CONTROLLER
USER GUIDE

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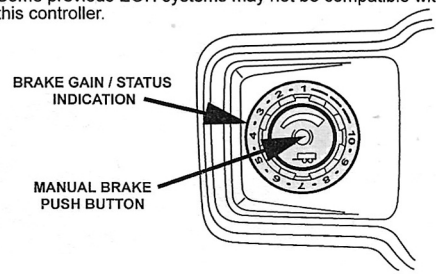
Condition		Green LED (Knob Number)	Red LED (Knob Number)	White LED (Knob Number)
Normal Operation	No Trailer Connected	Off	Off	Off
	Trailer Connected	On	Off	On
	Voltage to Brakes - Manual Button or Brake Pedal	Off	On	On
	Change from Trailer Connected to Trailer Disconnected	Off	Flashing for 15 seconds, then On with lower brightness	On
Sleep Mode		If no change in activity for 15 minutes, LED turns off	If no change in activity for 15 minutes, LED turns off	If no change in activity for 15 minutes, LED turns off
Faults* (Short, Open Ground, Open Load)		Off	Flashing	On

NOTE: This controller has been designed for electric trailer brakes and new EOH (electric over hydraulic) systems. Some previous EOH systems may not be compatible with this controller.



Manual Brake Push Button
Push the manual brake control button to activate power to the trailer's electric brakes independent of the tow vehicle's brakes. If the manual brake control button is activated while the vehicle brake is also applied, the manual activation will determine the power sent to the trailer brakes.

The trailer and the vehicle's stop lamps will come on when braking normally with the vehicle brake pedal. ***Stop lamps will not come on when only the manual push button is applied.***

Trailer Brake Status Indicator Light
This light indicates the trailer electrical connection status. If a fault is detected in the trailer wiring or the Brake Module the "Trailer Brake Status Indicator Light" will flash. See chart above.

Gain Adjustment Knob
Rotating this knob clock wise will increase the gain in 0.5 increments, counter clock wise will decrease the gain in 0.5 increments. The GAIN setting can be increased to a maximum of 10 (maximum braking) or decreased to a minimum of 1 (minimal braking).

Gain
The GAIN setting is used to set the trailer brake control for the specific towing condition and should be changed as towing conditions change. Changes to towing conditions include trailer load, vehicle load, road conditions and weather.

Adjusting Gain
NOTE: This should only be performed in a traffic free environment at speeds of approximately 20-25 mph (30-40 km/h).

1. Make sure your trailer brakes are in good working condition, functioning normally and properly adjusted.
   See your dealer if necessary.
2. Hook up the trailer and make the electrical connections according to the trailer manufacturer's instructions.
3. When a trailer with electric/EOH brakes is plugged in, the indicator lamp on the knob should be green and **manual button**
   backlighting should be white (if the connection is not recognized by the brake controller, braking functions will not be available.)
4. In a traffic-free environment: tow the trailer on a dry, level surface at a speed of 25mph and press the manual brake button.
5. If the trailer wheels lock up (indicated by squealing tires), reduce the gain setting, if the trailer wheels turn freely, increase the
   gain setting.

Repeat steps 4 and 5 until the GAIN is at a point just below trailer wheel lockup. If towing a heavier trailer, trailer wheel lockup may not be attainable even with the maximum GAIN setting of 10.

WARNING: Connecting a trailer that is not compatible with the Mopar Trailer Brake Controller may result in reduced or complete loss of trailer braking. There may be a increase in stopping distance or trailer instability which could result in personal injury.

Caution: Connecting a trailer that is not compatible with the Mopar Trailer Brake Controller may result in reduced or complete loss of trailer braking. There may be an increase in stopping distance or trailer instability which could result in damage to your vehicle, trailer or other property.

NOTE: An aftermarket controller may be available for use with trailers with air or electric-over-hydraulic trailer brake systems.
To determine the type of brakes on your trailer and the availability of controllers check with your trailer manufacturer or dealer.