

Fast Idle Electronic Throttle Issues with 2008 GM Diesel Vehicles

InPower Models Affected:ETM67A & ETM68A

Application Number 1: 2008 GM GVans with Diesel Engines

When using InPower Model ETM67A or ETM68A fast idle electronic throttles on referenced vehicles the engine speed becomes unstable when the outside temperature drops below 15° Fahrenheit. In order to eliminate this cold weather engine speed instability it is necessary to perform the following sequence:

- Step 1 - Activate the Mode Select (RPM1, RPM2, RPM3 on the ETM68A module or RPM1, RPM2, RPM3 or CHRG on the ETM-67A module).
- Step 2 - Actuate the Cruise Control On button on the steering wheel.
- Step 3 - Actuate the Cruise Control Set button on the steering wheel.

Note - This procedure is not required on the 2008 vehicles with gas engines.

Application Number 2: 2008 GM C2500 and C3500 Trucks with Diesel Engines

When using InPower Model ETM67A or ETM68A fast idle electronic throttles on referenced vehicles the GM body control module regulates the alternator output in the range of 14.2 to 15.5 volts when the outside temperature drops below 32° Fahrenheit. When the alternator voltage is 15.0 volts or higher the GM system shuts down certain functions causing the InPower electronic throttle module to exit its fast idle mode.

Currently, there is no solution to this problem other than replacing the alternator with an externally regulated type.

Note - This condition does not occur on the 2008 vehicles with gas engines.

REFERENCE

InPower Web Site	www.InPowerLLC.com
ETM67A & ETM68A Owners Manual	OM-64
GM Application Guide for InPower ETM Products	AB-18