

# TEMP-A-START MODEL T2003-ANALOG SYSTEM FEATURES

The Temp-A-Start System is designed to reduce engine idle time, cut maintenance costs, maintain the engine in a “ready-to-go” state regardless of ambient conditions, and provide a comfortable environment for the Driver.

The system consists of a controlled engine MAIN MODULE, and an LCD micro controlled THERMOSTAT MODULE. The system is capable of starting and stopping the engine automatically based on low engine oil temperature, or a low state of charge on the battery. (Starts at approximately 50% state of charge.) The system can also be activated from the THERMOSTAT MODULE located in the sleeper by the Driver requesting more heating or cooling.

## TEMP-A-START MODES OF OPERATION

### **MODE 1 OPERATION: Temp-a-start On-Line in Engine Mode**

To enter Mode 1, with engine running, hood down, transmission in neutral, Temp-A-Start On/Off switch in the “ON” position and parking brake set, the Temp-A-Start Dash LED should turn GREEN. Temp-A-Start is now operating in engine mode.

### **MODE 2 Operation: Sleeper Function**

With the Temp-A-Start system running in engine mode (Dash LED GREEN), push “ON/MODE” one time to turn on the THERMOSTAT program.

***Note that the engine will run until the following conditions are met:***

- Alt output volts reach 13.7 or higher.
- Engine oil temperature reaches 130 degrees or higher.
- Thermostat Module is “OFF” or “Sig Out” is “OFF”.
- Delayed Stop has timed out, approximately 5 minutes.

When the above conditions are met the engine will return to base idle for 7 seconds before stopping. This reduces the shut down vibrations for the Driver’s comfort.

