

## **TEMP-A-START STANDARD TEST PROCEDURE & ENGINE MODE CHECK OUT**

- Engine **OFF**, Key **OFF**, Temp-A-Start switch OFF, Cruise on/off switch **OFF**, In **NEUTRAL**, tractor **BRAKE SET, HOOD CLOSED**.
- Temp-A-Start DASH led LIGHT **ON and RED**. Start engine. Let engine RUN AT NORMAL IDLE.
- Turn Temp-A-Start switch ON, Temp-A-Start light ON DASH will change from **RED to a LIGHT GREEN**. Engine will ramp up to HIGH IDLE within 30 seconds.
- Turn truck **key OFF**, all accessories, blower motors, etc. should turn OFF, engine will **CONTINUE to RUN**.
- Turn truck **key back ON**, within 2 ½ minutes Temp-A-Start will turn ignition key and all associated accessories OFF electronically, engine will continue to RUN.
- **Leave IGN. KEY ON FOR A THERMOSTAT TEST START**, after Temp-a-Start has electronically turned off the IGN KEY.
- Let engine RUN until Temp-A-Start shuts it OFF. Engine will SHUT DOWN and return to BASE IDLE for approx. 6 to 10 seconds if the conditions below are met
  - ✓ Batteries are at 13.75 volts or above.
  - ✓ Temperature of engine oil is 170°F or above.
  - ✓ Thermostat "SIG OUT" is OFF.
  - ✓ Engine has run at least 5 minutes.

## **THERMOSTAT CONTROLLED TEST START**

- To initiate a test start for **THERMOSTAT, DO NOT TURN STAT ON UNTIL ENGINE SHUTS DOWN FROM ENGINE MODE. IGN. SW MUST BE LEFT ON IN ENGINE MODE**.
- At the thermostat - **Push MODE/ON**, Thermostat will light up displaying version, inside temperature, and any ERR (error) codes. If SIG OUT is ON when thermostat is activated, engine will start within 35 to 45 seconds and blowers will turn on in about 45 sec.
- **\*\*\*\*\*TEST START SEQUENCE COMPLETE\*\*\*\*\***

IF AFTER ACTIVATING THE THERMOSTAT, THERE IS NO SIGNAL OUT: Push **MODE/ON** button to select temperature SET POINT. Then using the **UP/DOWN** keys, adjust **SET POINT** until you get **SIG OUT LED lit**. Depending upon outside temperature, you may have to switch from **HEAT to COOL or COOL to HEAT** to complete this part of the test After SIG OUT occurs, truck will start within (45) forty five seconds. Idle will reach HIGH IDLE within thirty (30) seconds. Key and blowers will turn ON within forty five (45) seconds. Adjust thermostat using UP and DOWN buttons until SIG OUT is OFF.

Blowers and key will turn OFF within fifteen (15) seconds. Wait five (5) minutes, or until engine RPM drops to BASE IDLE and engine SHUTS DOWN. Turn Temp-A-Start switch OFF. Turn truck key ON. Start truck. **NOTE:** Once test has been completed, all of Temp-A-Starts base functions will have been tested. If Temp-A-Start does not complete this test, repair or replace defective component(s) and re-test. If problem persists, please call our 24/7 TECHNICAL SUPPORT HOTLINE AT: **309-472-0676**