



### **Idle and Throttle Release Baseline Relearn Procedures**

#### **Preliminary Procedures**

1. Make sure everything is connected properly.
2. Check for any vacuum leaks; repair as necessary.
3. Bring the engine to normal operating temperature.
4. Check the computer system for codes; repair and clear codes as necessary before continuing.
5. Check for any computer programming updates that would apply to idle speed control. Update as necessary

#### **Idle Baseline Relearn Procedure...**

- Start engine.
- Hold engine at about 2000 RPM for 2 minutes; no load.
- Snap throttle to 2000–3000 RPM, 2 or 3 times.
- Let engine idle for about one minute.
- Check idle speed; should be 650–750 RPM with transmission in park or neutral.

If the idle still isn't stable, perform accelerator pedal released position reset:

*continued...*

## **Accelerator Pedal Released Position Reset**

Accelerator pedal released position reset allows the computer to learn the fully released position of the accelerator pedal. Here's how:

- Make sure the accelerator pedal is fully released.
- Key on and wait at least 2 seconds.
- Key off and wait at least 10 seconds.
- Key on and wait at least 2 seconds.
- Key off and wait at least 10 seconds.

Now restart the engine and check the idle. If the idle is within specs, return the vehicle to the customer. Make sure you let the customer know that the system will continue to refine its performance over the next few weeks.

If the idle still isn't within specs, perform the Idle Air Volume Learn procedure (CPTB0031).