



Idle and Computer Baseline Reset

- COMPLAINT:** Idle or shift problems after service.
- CAUSE:** Vehicle condition no longer matches learned condition in the computer system.
- CORRECTION:** Perform an idle and computer relearn procedure.

Preliminary Procedures

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

Idle Baseline Relearn Procedure...

...with Automatic Transmission

- Transmission in park.
- Emergency brake set.
- All accessories off.
- Engine at normal operating temperature.
- With the transmission in park, let the engine idle for one minute.
- Shift the transmission into drive, and let the engine idle for one minute.
- Shift back into park.
- Engine off.

That's all there is to it. Make sure you let the customer know that the idle will continue to refine itself over the next couple weeks of driving.

continued...

Idle Baseline Relearn Procedure...

...with Manual Transmission

- Transmission in neutral.
- Emergency brake set.
- All accessories off.
- Engine at normal operating temperature.
- With the transmission in neutral, let the engine idle for one minute.
- Engine off.

That's all there is to it. Make sure you let the customer know that the idle will continue to refine itself over the next couple weeks of driving.

Computer System Baseline Relearn Procedure; Automatic Transmission Only

This reset needs to be performed on the open road.

- Engine running.
- Shift transmission into drive.
- Turn OD Cancel switch on (LED should turn on).
- Accelerate slowly to about 40 MPH and hold it there for about 15 seconds (30 seconds at elevations over 4000 feet above sea level). The transmission should be in 3rd gear.
- Hold the throttle steady, and press the OD Cancel switch (LED should go out).
- Accelerate slowly to 50 MPH. The transmission should upshift into 4th gear.
- Hold speed at 50 MPH for 15 seconds. While holding speed steady, touch and release the brake pedal enough to light the brake lights.
- Bring the vehicle to a full stop, and let it idle for at least 20 seconds.
- Repeat the procedure at least five times.

That's all there is to it. Make sure you let the customer know that the system will continue to refine its performance over the next few weeks.