

2008 Buell XB Models New Throttle Position Sensor Zero Procedure

The 2008 Buell XB throttle body incorporates an Idle Air Control (IAC) and no longer has an idle adjustment cable. Because of this change, along with DDFI3, the current TPS Zero Procedure should not be attempted on 2008 Buell XB Models.

The Throttle Position Sensor Zero Procedure should be performed if the throttle position sensor and/or ECM are replaced or if the ECM has had the calibration re-flashed.

NOTE

The 2008 throttle body has a throttle plate stop screw that is preset at the factory and has tamper proof paint applied to the head of the screw. DO NOT attempt to adjust this screw; tampering with this screw will require throttle body replacement and will not be warrantable.

2008 Buell XB Throttle Position Sensor Zero Procedure

1. Set the Run/Stop switch to the Run position. Turn the ignition switch to the ON position. Do not start the vehicle while performing this procedure.
2. Rotate the throttle grip from closed throttle position to wide-open throttle position and back to closed position 3 times holding the throttle grip against each stop for 1 full second.
3. Turn the ignition switch to the OFF position and back to the ON position. The throttle position sensor is now properly zeroed. (Digital Tech II will indicate 3.7 to 4.2 degrees).