

Fuel Smart

Set Up Guide



Proper Adjustment of Fuel Smart Controllers

An automotive scan tool is needed to properly adjust a Fuel Smart unit. Although most scanners will work, please verify the scanner being used is capable of displaying PENDING codes. Adjustments to a Fuel Smart unit should always be done with key OFF. The Fuel Smart unit must be properly installed before adjustments are made.

1. With key OFF, remove Fuel Smart unit cover and set aside.
 - Select the desired dip switch setting & rotate the dial above completely clockwise.
 - Most vehicles will need both dip switches in the UP position.
 - Dip switch settings primarily affects idle quality.
2. Start engine, wait 30 seconds and cycle the brake light 5 times.
 - Simply press the pedal enough to illuminate brake lights 5 times.
 - Turn A/C on, and then put vehicle in Drive and hold brakes for 60 seconds.
 - ♦ Manual transmission vehicles should be idling in neutral with air conditioning on, brakes applied.
 - If idle becomes rough when Fuel Smart engages, the dip switch setting is too aggressive; put in park and shut off vehicle. Start at step 1 to adjust dip switches.
 - If idle quality is smooth with vehicle in gear and AC on, proceed to step #3.
3. Turn engine off and turn key ON without engine running.
 - Use scanner to check for any LEAN bank or LEAN condition codes or PENDING codes.
 - LEAN Codes or PENDING LEAN Codes indicate the ECM is compensating.
 - Reset any codes.
4. Test drive vehicle several miles, ensuring several full stops at traffic lights or stop sign and cruising at steady speeds.
5. Turn engine off and then turn key ON without engine running.
 - Use scanner to check for any LEAN bank or LEAN condition codes or PENDING codes.
 - If NO codes or PENDING codes present, proceed to Step #6.
 - If codes or PENDING codes are present, reset codes and turn key off.
 - Rotate dial on Fuel Smart counter clockwise one clock position – i.e., from 5 o'clock position to the 4 o'clock position.
 - Repeat steps #4 & #5 until no codes or PENDING codes are set during test drive.
6. Place cover on the Fuel Smart Unit and enjoy your fuel savings!