

1. Put ECU in Sleep Mode

Before you plug in your Cam Tuner your ECU must be in sleep mode. To insure that the ECU is in sleep mode do one of the following:

- 1) If the engine is cold, open the hood, close the doors, lock the vehicle and wait 30 seconds
- 2) If the engine is warm, open the hood, close the doors, lock the vehicle and wait 20 minutes
- 3) If the engine is warm and you can't wait 20 minutes, disconnect the battery

2. Find the MAP Sensor

The MAP sensor is mounted on the intake manifold either toward the front or the back of the engine. You may have to remove the engine cover to get to it. The map sensor has a three terminal connector on it that looks like the one in the photo to the right.



3. Unplug the MAP Connector

4. Plug in the Cam Tuner

Plug the Cam Tuner into the factory harness connector, then plug the Cam Tuner into the MAP sensor.



5. Adjust the setting

Remove the two screws that hold on the cover. Turn the adjustment so that the idle fuel mixture is correct. The best way to adjust it is to observe the short term and long term fuel trim numbers on a scan tool. Adjust the setting until the short term trim is equal and opposite to the long term. For example, if the long term trim is -20%, adjust for a short term trim of +20%. The table to the right shows the approximate settings to correct for different idle vacuum readings.

Setting	-inHg
0	stock
10	17.6
20	16.5
30	15.5
40	14.6
50	13.9
60	13.3
70	12.7
80	12.2
90	11.7
100	11.4

6. Apply Your Split Second Stickers

The approved location is on the lower rear corner of your side windows.

7. Enjoy

You will now have the benefit of a larger cam without running too rich at idle.