

How to adjust their Actual Fuel Economy (AFE) bias that is accessed in engineering test mode.

First you will need to hand calculate your fuel economy over several fill-ups. You need an accurate odometer reading along with how many gallons you fill up with to calculate your fuel economy.

Once you have your set of data, average them. Take that Actual Fuel Economy average and divide by the Display Fuel Economy.\* Move the decimal point 3 places and that will be your new AFE bias. The factory default is 1000.

To enter engineering test mode, sit in the driver's seat and wait for all the displays to go blank/off.

Press and hold 'OK' on the steering wheel for 5 seconds. While still holding the 'OK' button, step on the brake and start the engine.

Continue to hold the 'OK' button until the center display (speedometer informational panel) displays Engineering Test Mode. Release the 'OK' button.

Scroll through the menu via the up/down arrows until you find the AFE Bias screen. Make the adjustment and save.

Turn off the engine and wait a few seconds and then restart. The new AFE bias will be used to display the actual fuel economy along with your miles to empty.

Thanks to Beach\_Bum on Bronco6G for his original post.

\*Only applies if you're using miles and gallons.