

## Gear Indicator displaying wrong gear

If you are having trouble with your gear indicator displaying the wrong gear, please follow the instructions below.

1. TMaxI Tuner software update (Final drive monitor requires updated software), if no updates are found proceed to step 2

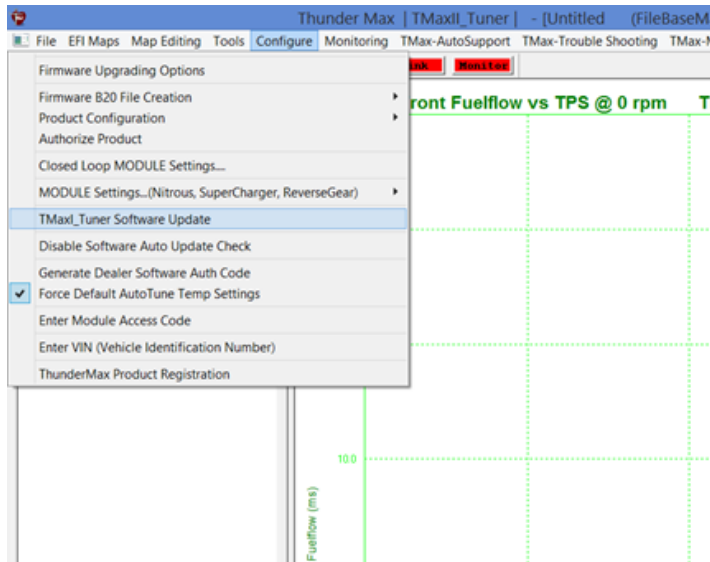


How to update your software

Note: You must have an active Internet connection

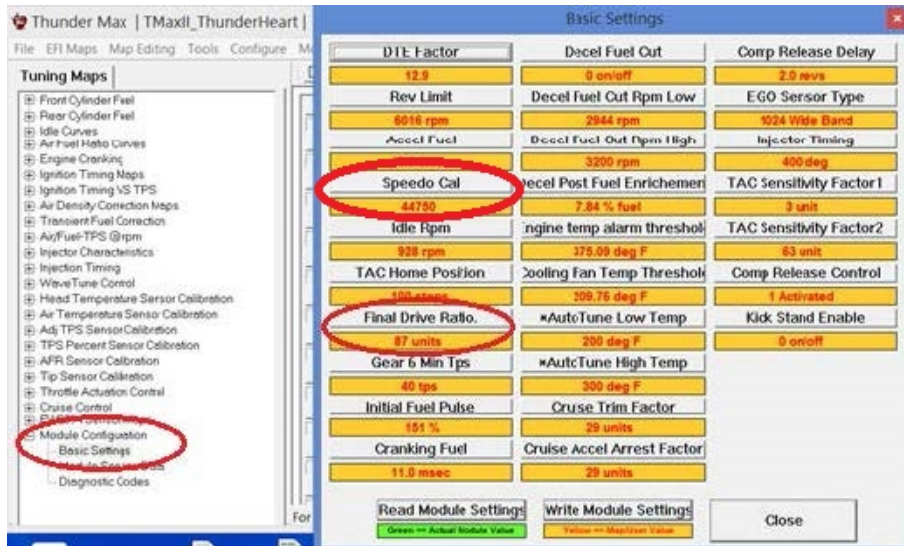
- a. Open your TMaxI Tuner software
- b. Select Main Menu >Configure >TMaxI Tuner Software Update
- c. Follow the update dialog prompts to complete.

NOTE: Keeping your software up to date, provides access to new maps and new Module Firmware.

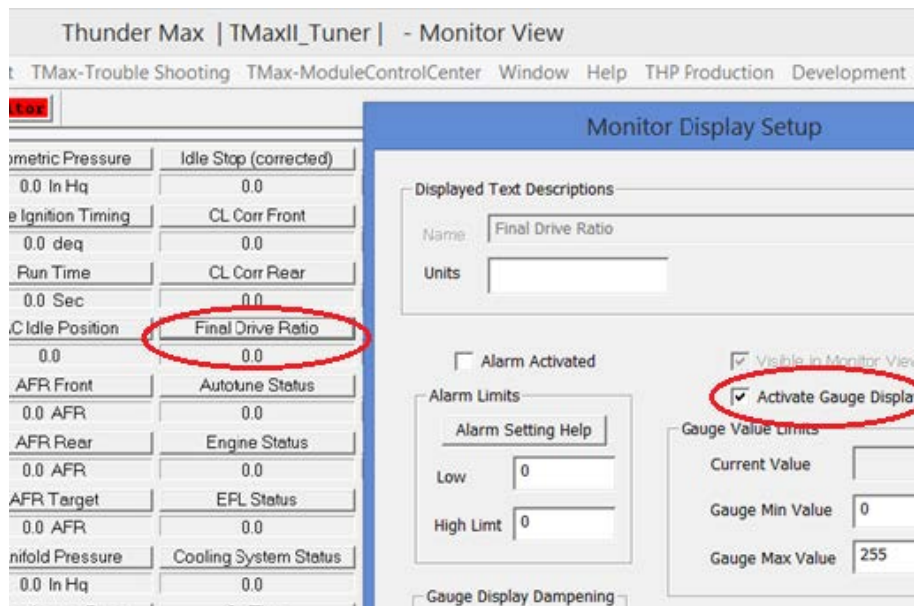


2. Open your software, link to the module and read your current map
3. Click Module configuration > Basic Settings and look at the Final Drive Ratio value

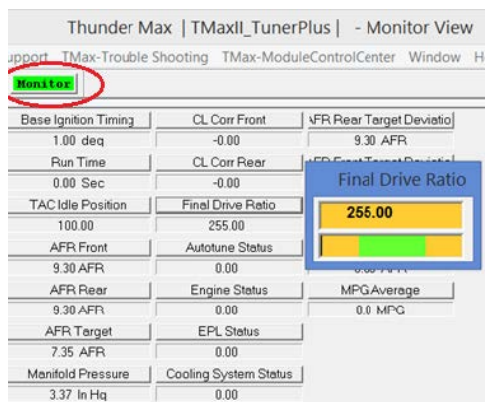
- Click "Speedo Cal" gray tab confirm that the calibration is correct for your application, if any tire, gearing, transmission changes have been made verify speed with passenger & GPS or on a dyno



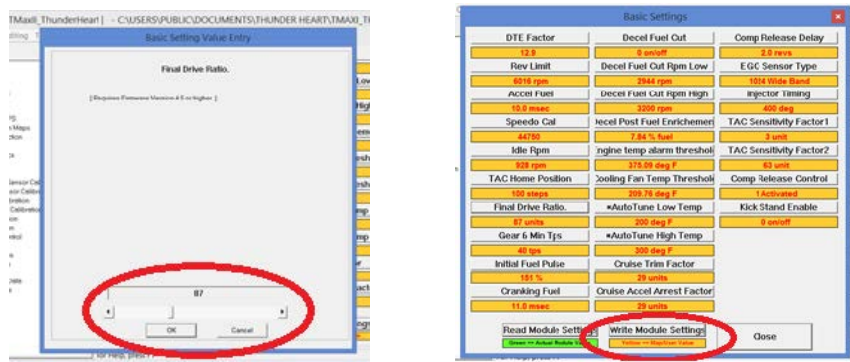
- Access the monitor tabs behind map page or basic setting screen, find and click on Final Drive Ratio the Monitor Display page will appear check the Active Gauge Display box.



- Now click the Monitor button and the new Final Ratio gauge will appear



- Unlink and turn the bike ignition off
- On a dyno or another safe way
  - Open software > link to bike > click monitor
  - Start bike, run bike shifting up to your highest gear (5th, 6th, or 7th) to no particular speed, just watch the Final Drive Ratio gauge for a stable reading. When the Final Drive Ratio gauge and record the number.
- Click Module configuration > Basic Settings > Final Drive Ratio slide the bar to enter the new value you just recorded from the previous step > Click Ok
  - The Basic settings menu will reappear > Click Write Module Settings at the bottom middle of the page. You are ready to unlink, reassemble the bike and ride.



**Note:** Final Drive Ratio: The default value for most all motorcycles is 87. Please note that this value is merely a compensation factor for the calibration needed to activate the light, not the actual Final Drive Ratio of the motorcycle. If your wheel size or gearing has been altered you may need to lower the value to illuminate the 6th gear indicator lamp. Example- Some Dyna® Model motorcycles, require a value of 84 to illuminate the 6th gear light, a 2011 or later Trike with revised gearing requires a value of 78.