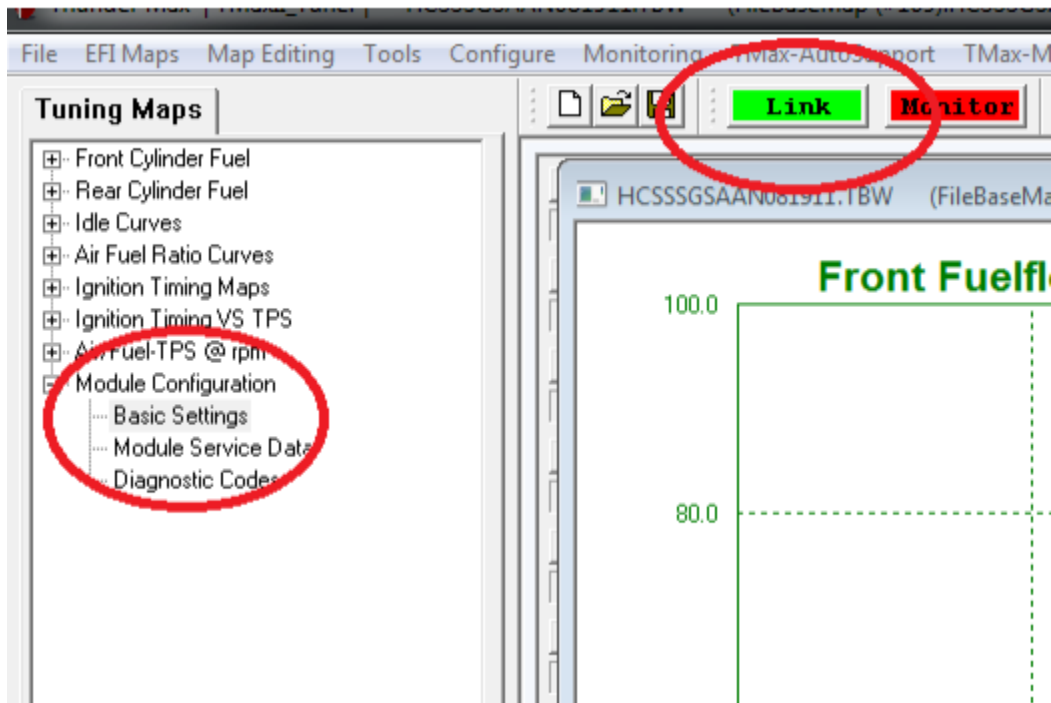


Setting Speedometer Calibration

1. Open TMax/SmartLink Software
2. Link to the motorcycle.
3. Read the map from the module (Main Menu>Map Editing>Read Module Maps and settings)
4. Open the Basic Settings Dialog (Tuning Maps>Module Configuration>Basic Settings)



From the Basic Settings Dialog select > SpeedoCal Button

Basic Settings Fuelflow vs TPS @ 1 rpm

Rev Limit	Final Drive Ratio.	Engine temp alarm threshold
6016 rpm	87 units	375.09 deg F
Accel Fuel	Gear 6 Min Tps	*AutoTune Low Temp
6.0 msec	40 tps	200 deg F
Speedo Cal	Initial Fuel Pulse	*AutoTune High Temp
43000	121 %	280 deg F
Idle Rpm	Cranking Fuel	Comp Release Delay
896 rpm	8.0 msec	2.0 revs
TAC Home Position	Decel Fuel Cut	EGO Sensor Type
95 steps	0 on/off	2 Wide Band
IAC Stop Target	Decel Fuel Cut Rpm Low	Injector Timing
10 steps	2944 rpm	392 deg
IAC Min Learning Offset	Decel Fuel Cut Rpm High	
-10 steps	3200 rpm	
IAC Max Learning Offset	Decel Post Fuel Enrichement	
10 steps	7.84 % fuel	

Read Module Settings Write Module Settings Close

Green == Actual Module Value Yellow == Map/User Value



HOW TO:



Select Calibration Calculator Button.

Front Fuelflow vs TPS @ 0 rpm

100.0

Basic Settings

Basic Setting Value Entry

Speedo Cal

Calibration of speedometer

Setting : Model

42450 : Touring 2008
43000 : Touring 2009
44750 : Touring 2010

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Speedo Calibration Calculator

Valid Range: 0 - 65535

43000

OK Cancel

Rev 601
Accel 6.0
Speed 43
Idle 896
TAC Horn 95 s
IAC Stop 10 s
IAC Min Le -10 s
IAC Max Le 10 s
Rea
Green

Arm threshold
deg F
Low Temp
deg F
High Temp
deg F
Rise Delay
vs
or Type
Band
Timing
deg

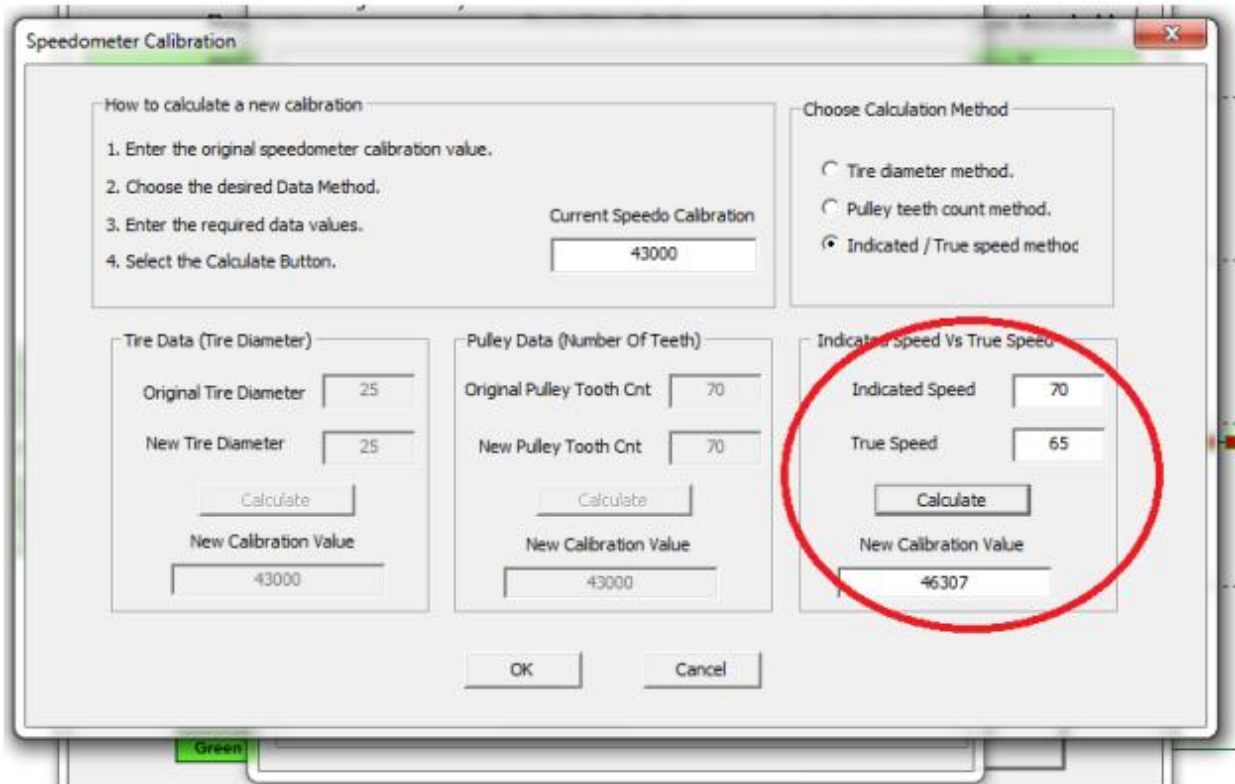
STD. Throttle Pos. (deg)

There are many optional ways to calculate the proper speedo calibration.

The simplest method is to drive the motorcycle and have someone with a known correct speedometer reading follow you or use a GPS to get the correct mph (True Speed).

Enter in the dialog below the “Indicated Speed” and also the “True Speed” values.

Press the “Calculate” button and the new speedometer calibration will be automatically calculated and stored into the basic settings and the module.



As you OK and exit this series of dialogs, you will see the NEW calibration value has been stored in the basic setting. It has also been stored in the Module.

It's a good idea to "save" this map now so that changes you have made will be available later, if needed, to reload the module. Use the "SaveAs" command and choose a name and location you will remember.

