This document will not be updated.

How to:

Balance (synchronise) throttle bodies on a Speed Triple 1050 (2007) using TuneECU

Source: Thanks „Animal Mother“ from Forum http://www.triumphtorque.com

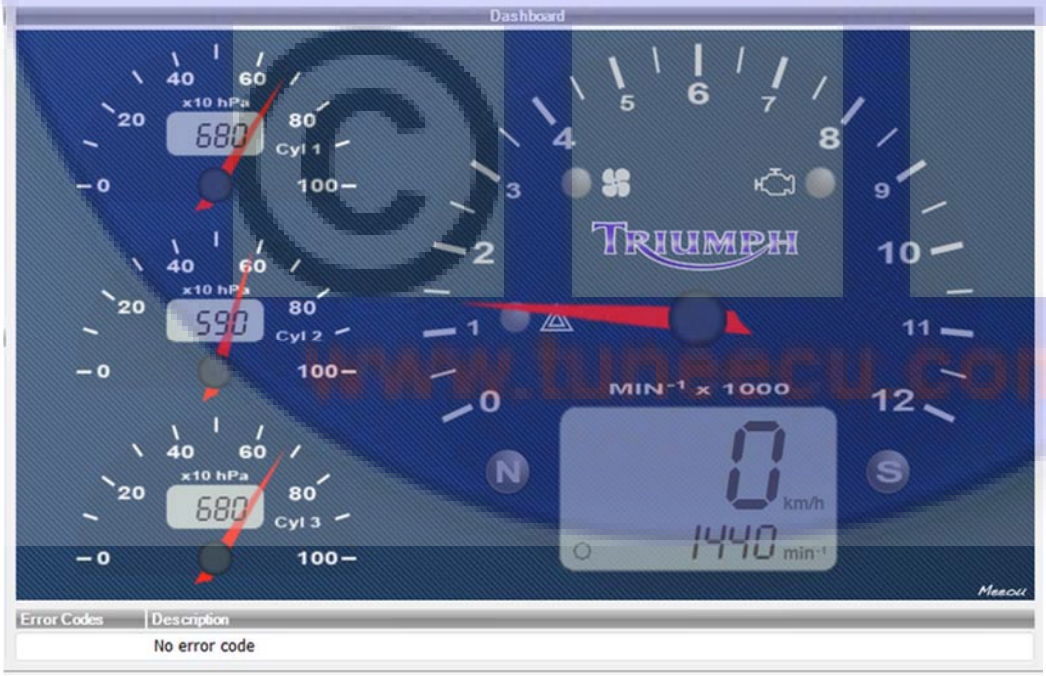
First you'll need:

Speed Triple 1050 (with Kehein ECU)
TuneECU with cable and a laptop
Stubby flat bladed screwdriver
Workshop tools **inc. torx bits**
Something to raise your tank on it's mounts by about 1"-2".

1. Run your bike up to temperature and check the current throttle body balance using TuneECU. The pressure measurements that you are looking for are on the "Tests" screen of TuneECU. The three small gauges represent the vac pressure of the throttle bodies on your bike.

If the values are all the same, you don't need to balance the throttle bosies, go out and ride instead!

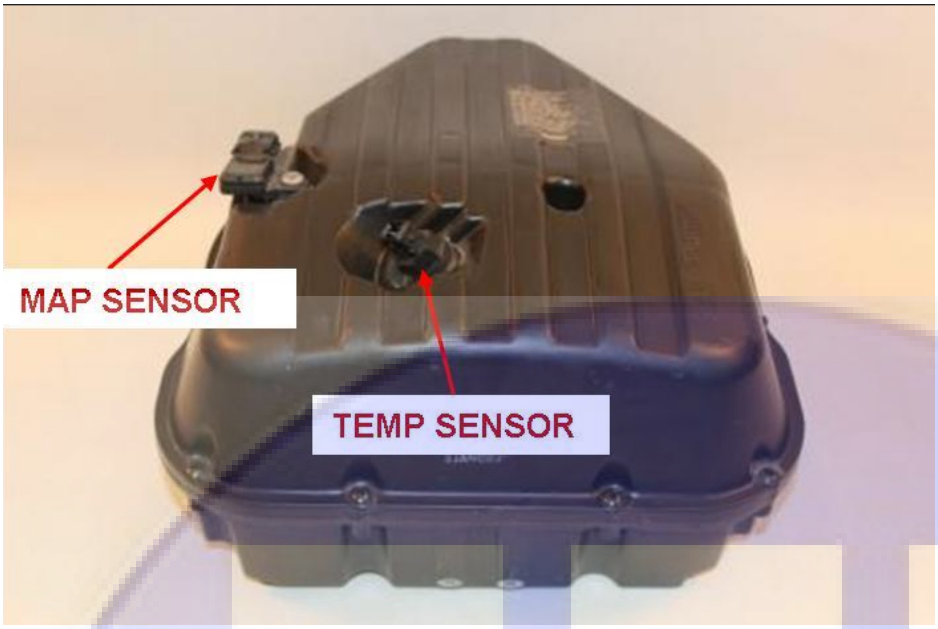
2. If the throttle bodies are out of balance, like this:



then you need to balance them. Continue to number 3.

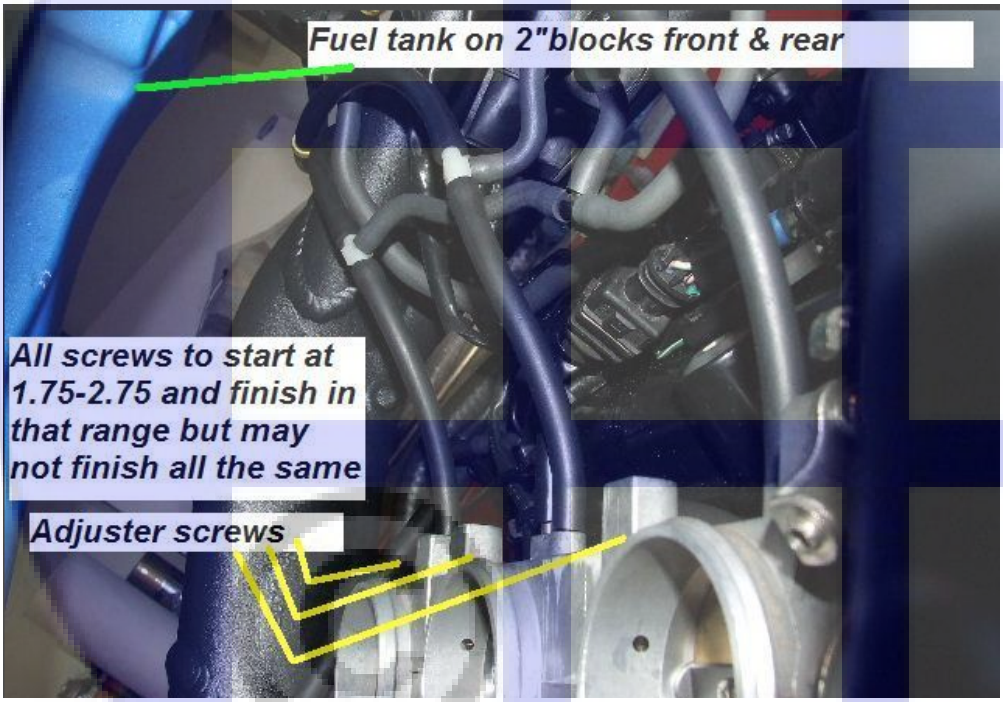
3. Remove your seat and side panels.
4. remove your tank and airbox. ©

5. Remove the MAP sensor from your airbox using the torx bit.



6. Plug the MAP sensor back into the cable and the pipe that it was previosly connected to.

7. Locate the 3 adjustment screws on the throttle body next to the rubber pipes. Ensure your screwdriver fits.



8. Replace the tank ensuring that the tank raising "things" are in place.

9. Run your bike and ensure it's connected to TuneECU. Let it settle down. Click onto the "Tests" screen. The three gauges should be showing values.

10. Slip your arm between tank and frame and adjust the screws as required.

N.B. It takes the ECU a lttle time to catch up so, after each adjustment, blip the throttle and wait 5 seconds for the readings to stabilise.

11. All numbers should be the same and stable. The actual numbers arent of consequence as long as the bike is idling properly (1200rpm) and that the numbers are the same.

12. Once 12 is complete, turn off bike, disconnect TunECU and reassemble the bike.

13. Recheck that they are all still in balance using TunECU. If they are, reset your adaption and TPS (as per other instructions on the TuneECU site).

14. Ride.