

## How To: Quick Guide to Throttle Balancing

By: Clunkyboy (Versey UK Forum)

Warm the bike up, page 36 of the manual.

- 1) Take seat off.
- 2) Take side fairings off.
- 3) Take plastic trim under tank/seat off.
- 4) Disconnect the front inner covers from front of tank.
- 5) Get a box or stool and place to RH side of bike.
- 6) Remove 2 bolts at rear of Tank and swing to the RH side onto Box.



## Kawasaki Ninja 650R (ER-6F) & ER-6N Resource



- 7) Undo 4 screws on top of airbox and take cover and connected pipe off.
- 8) Disconnect front & side electrical connections.
- 9) Stuff rags in throttle bodies.
- 10) Undo 4 hex bolts in base of airbox.



- 11) Lift off airbox as you disconnect crankcase breather from crankcase, which is the bottom left hand side of airbox, remove rags from throttle bodies.



12) Pull off rubber covers to throttle balancing connection and connect gauges.



13) Start bike and get it to idle at 1300 Rpm.  
14) Check gauges read 0.38 Bar hopefully 1 will read correct and adjust the other one by turning the hard to find recessed brass screws on rear of throttle bodies.





15) Blip throttle, allow gauges to settle down and check again.

16) Put it all back together again remembering to **put the rubber covers back on.**

All in all about 20 to 30 mins work