

# Kawasaki Ultra 300X and 310X Fuel Tuner Setup

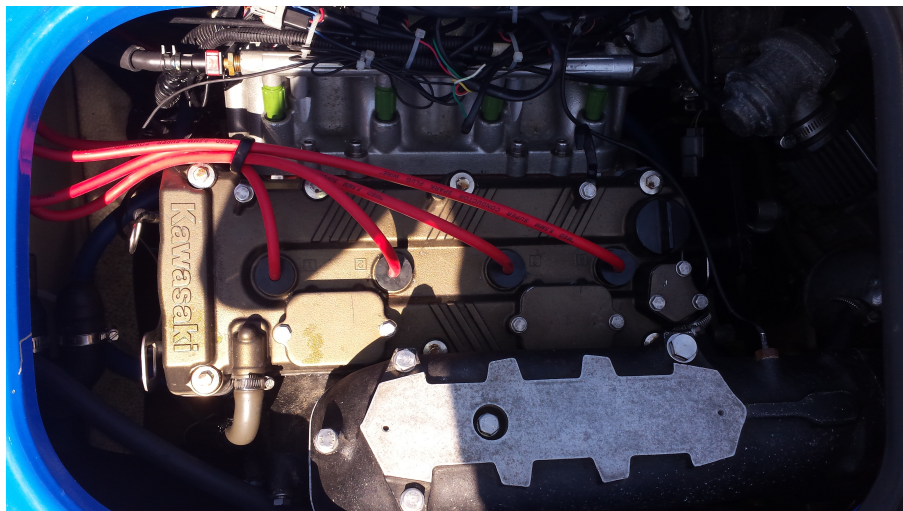
Necessary Tools:

- 1) 10 mm Socket
- 2) Ratchet
- 4) Screw Driver
- 5) 8mm Socket

Please refer to AFR manual first, before proceeding with tuning.

With your AFR measurements made with the AFR, you can now adjust the new setup to match those settings for a proper power tune. We recommend not going any lower than stock AFR, but you can tune virtually as rich or lean as you want. Please be advised, a lean mixture can cause engine damage.

- 1) Install black ground on side mount by dipstick. (This must be a metal to metal surface directly on the engine.
- 2) Remove connections on fuel injectors.
- 3) Install fuel tuner connections, order does not matter, but be sure they are on the same wire.



- 4) Each setting performs a different task. There is green which is constant speed or cruising, yellow which is acceleration and red which is full throttle. When you instantly hit the throttle, you pass through to acceleration to full throttle. These phase or modes you pass through can also be adjusted.
- 5) Green really does not need attention, but make sure it matches up with your stock readings.
- 6) Yellow acceleration, we recommend starting at 4.5. See how this performs and make sure it is close if not more on the afr.
- 7) Red which is full throttle you want to start at 5-5.5. But adjust as necessary.
- 8) Now your switch points are important, they are what can give you intense acceleration or quicker changes. We recommend starting the red switch at 3-4.5 and the green blue all the way down to zero. You may find the switch points all the way up give the best performance. Just make sure your AFR is safe when you make a change!

Installation Complete!

Installation guide provided by [kawiperformance.com](http://kawiperformance.com)

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