

# ***Kawasaki Z1000 turbo***

## ***2014-19***



***The Kawasaki Z1000 is very suitable for turbo installation.***

***The engine, gearbox and the clutch is built strong from stock.***

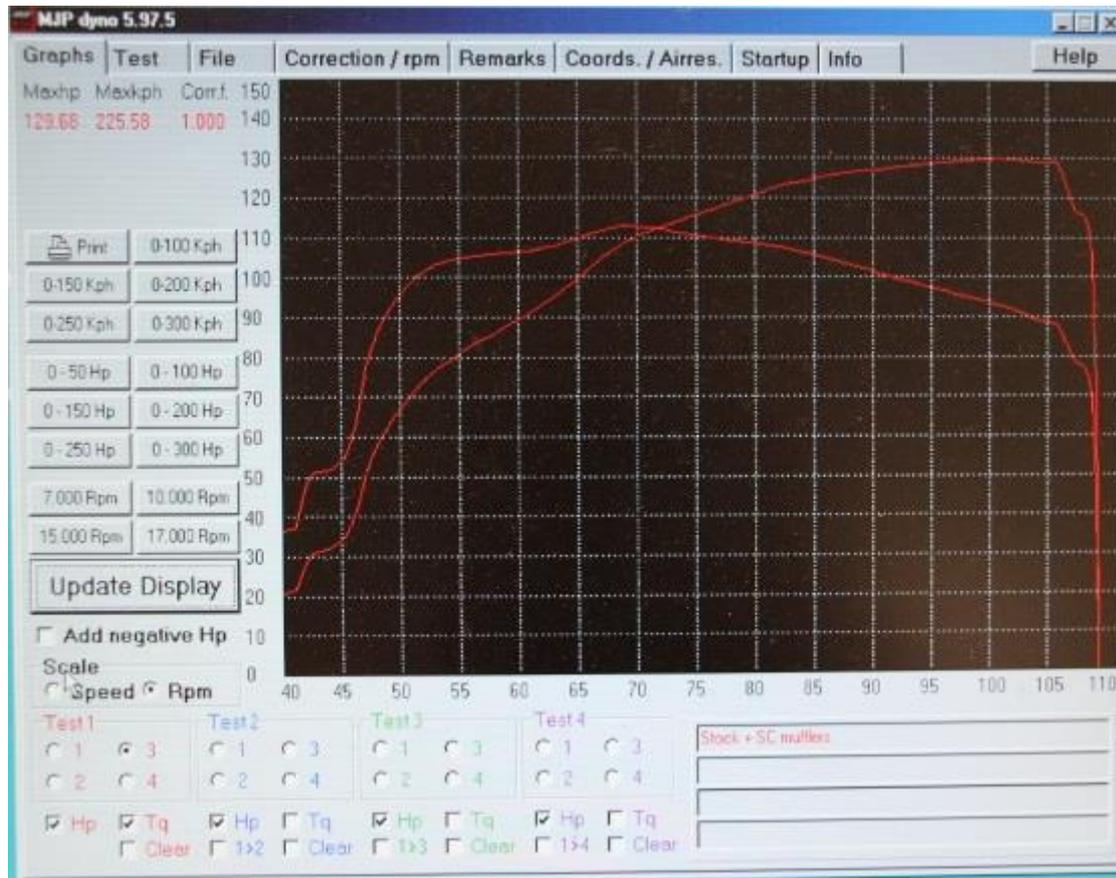
***The bike is very entertaining to ride, and the power and torque is really impressive with turbo!***

***It lifts the front end in any speed, but it is still easy to handle.***

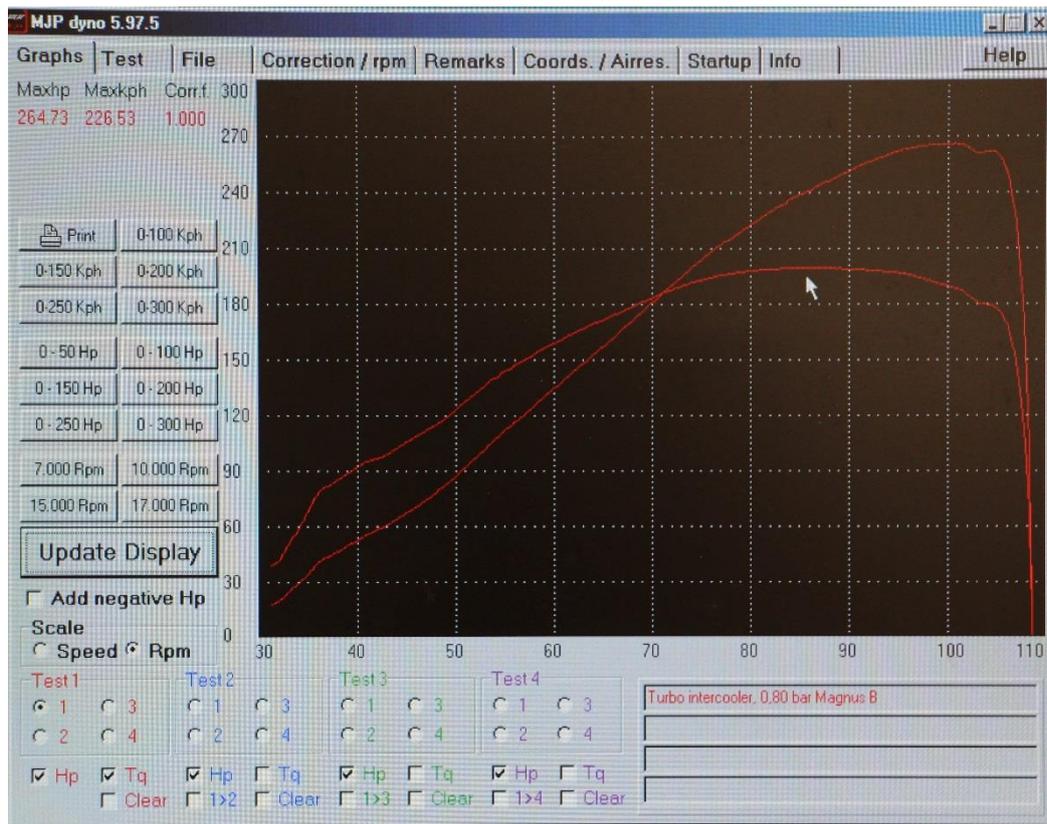
First, we tested the stock motorcycle in the dyno.

The power is 130 hp at 10000 rpm on the rear wheel with SC slip on mufflers.

The maximum torque is 113 Nm at 6900 rpm.







***The turbo used with this kit is the famous Mitsubishi TD04HL16T.***

***This turbo family is used by manufacturers like Bugatti, MacLaren and Volvo.***

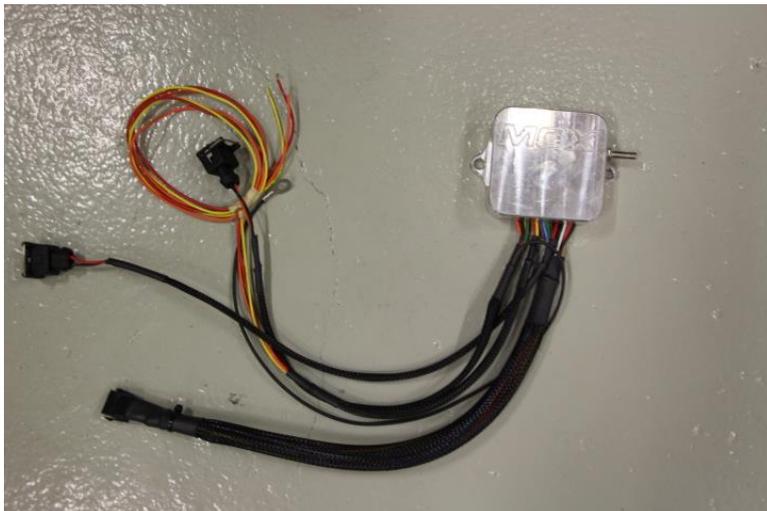


***Both Waste gate and blow off valve are integrated with the turbo.***

***To avoid detonation, a special made head gasket is used. This gasket is thicker than the stock gasket to get lower compression ratio on the engine.***

***To ensure that the engine gets enough fuel under full throttle/max rpm, 4 extra Siemens injectors are placed in the plenum.***

***These injectors are controlled by the MCX EFI box.***



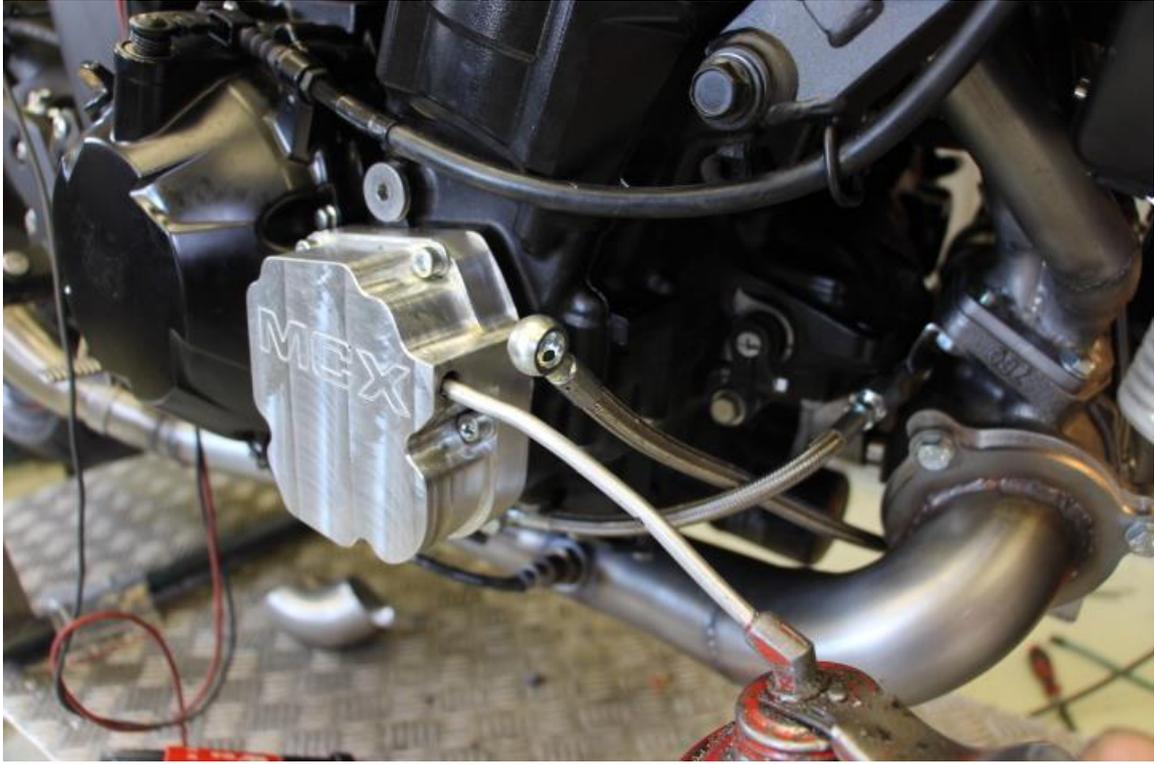
***The MCX EFI-box also controls the turbo pressure thanks to a TCV (=Turbo Control Valve)***

***The fuel map and boost map can easily be re-programmed by connecting a PC.***

***(A license for the software Tuner Studio must be bought from.)***

***The best place for the turbo is in front of the engine behind the front wheel.***

***To get enough space for the front wheel, the turbo is placed so the oil outlet of the turbo is under the oil level in the engine. A scavenge oil pump from Mikuni is included with the kit.***



***The stainless steel exhaust system out of the turbo is designed to be used with stock mufflers or slip on mufflers made for the stock exhaust system.***



***The header pipe is a 4-1 type with short primary pipes to get fast respond from the turbo.***





***A big, efficient intercooler is placed in front of the stock water radiator.***

***The intercooler cool down the pressurized air to rise the detonation safety limit and makes the engine to produce more power.***





## ***Options:***



***A display with oxygen sensor can be connected to the MCX EFI-box.***

***This display can show many things, for instance boost, rpm, lambda value or air fuel ratio.***

***It also has a log function with memory so it saves all the data 10 times/second.***

***All data can be downloaded to a PC. This is a perfect tool if you want to make adjustments or if you want fully control of the engine.***