

POLINI KIT FOR YAMAHA AEROX 4STROKE EURO 4: COMPLETE TECHNOLOGY BY POLINI MOTORI

Polini Motori confirms its advanced technology to make the best of scooters even better by presenting the new complete series of products to make the engine of the Yamaha Aerox 50 4stroke E4 even more performing.

Following the assembly steps recommended to increase the performance: 1°

step – Lambda probe emulator + Hi-Speed variator

2° step – Lambda probe emulator + Hi-Speed variator + cylinder kit + gear kit:
performance increase till 85 km/h

POLINI LAMBDA PROBE EMULATOR AND HI-SPEED VARIATOR FOR YAMAHA AEROX 4STROKE EURO 4

The new Polini HI-SPEED variator designed for Yamaha Aerox 4stroke Euro 4 scooter enables exciting efficiency and performance without giving up the maximum reliability. The half pulley has been designed with different grades to let the belt increase the excursion. The inside of the rollers sliding surfaces has been submitted to a glazing treatment to improve rollers sliding. The compression spring load has been increased of 87%. The springs with load increase of 35% improve of 500 rpm when the clutch engages. The rollers have a coating made of a new mixture of nylon and aramid fibers.

A set of 4,9 gr rollers is included in the package.

You will immediately notice that the starts will be faster and thanks to the new engine rpm range you will improve acceleration to achieve earlier the maximum speed.

To achieve this performance, it's compulsory to install the Polini lambda probe emulator, item 171.0010. The lambda probe detects the presence of oxygen in the exhaust gases and lets the carburation adjustemnt and consequent the stoichiometric ratio. (air/fuel). Polini emulator simulates the signs of the original lambda probe received from the CDI.

The original CDI, in this way, is led to work with a constant air/fuel ratio, letting the performance improvement of the vehicle and the perfect stoichiometric working. Attached to the probe you find the manual to elude the speed limiter.

Item: 241.746 – HI-SPEED variator

Item: 171.0010 – Lambda probe emulator

100% Made in Italy

POLINI CYLINDER KIT FOR Yamaha Aerox 50 iGET 4STROKE 4V EURO 4

The new Polini cylinder kit made of aluminum light alloy is specific for Yamaha Aerox 50 iGET 4str. 4V euro 4.

The performance is granted thanks to the displacement that has been increased to 66,29cc, bore of 44mm and compression ratio of 12,4:1.

The cylinder kit includes cylinder, piston, a bigger air filter sleeve to increase the air flow and an ECU with wiring and map.

Item: 166.0116

100% Made in Italy

POLINI LONGER GEARS KIT FOR YAMAHA AEROX 50 iGET 4STR. 4V EURO 4

If you install the Polini gears kit on your Yamaha Aerox 50 Iget 4stroke 4v Euro 4 it's easier to reach the maximum speed with an increase of 60%.

The Polini longer gears are made with a 16-51 ratio.

They are made of special steel material that grants higher resistance to wear and vibrations.

Item: 202.1406

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