

## Polini CP23 Carburettor Art.Nr. 1004

Thank you very much for purchasing our carburettor kit. This kit is used for tuned wide body Vespa engines.



### Contents:

- Polini CP23 carburettor
  - Throttle slide 24/40° \*
  - BollagMotos throttle lever \*
  - Main jet kit 92-108
  - Idle jet 40\*
  - Air correction jet 1.0\*
  - 90° fuel hose reduction 6 - 8mm
  - Cable operated choke\*
  - 3 clamps
  - rubber hose
- (\* pre-assembled)

This carb is pre-assembled and set up for the following performance kits:

- BollagMotos 151
- Pinasco 160 Nordkapp
- Conversion Tuning

It can be used as well with the BollagMotos 137 kit, but the set up must be adapted.

### Information:

The carb is supplied with a 105 main jet and the needle is set at second notch from top. This is sufficient in most cases in combination with foam air filter (Marchald BGM 4490) and a performance exhaust (BollagMotos Widebox). Nevertheless, the behaviour at full throttle and the spark plug colour should be checked. Larger and smaller jets are included for fine tuning. Make sure the foam filter doesn't touch the trap as the mixture will get too rich.

### Assembly:

We recommend the following order:

1. Place the rubber hose in hot water
2. Dismantle the pipe and air bellow
3. Place the air bellow on the pipe first. After place the rubber hose on the pipe and fix it with one of the two clamps.
4. Mount the pipe on the barrel and fit the air bellow to the frame.
5. Connect throttle and choke cable.
6. Place the second clamp on the rubber hose and fit the carburettor. Tighten the clamp.
7. Now the petrol hose can be attached. The connection at the carb is 6mm, the one at the fuel tap is 8mm. Lengthen the petrol hose and place it on the adapter.

### To adjust:

Start the engine and ride until the engine is fully warmed up. Then set the idle speed. The idle speed screw is the silver adjustment screw on the left side. Increase the engine speed to 500rpm over usual idle speed, then turn the mixture screw, which is the brass slotted screw next to the idle speed screw, slowly outwards in 1/4 increments until the engine revs at its highest. At this point the engine runs at its leanest. Now turn the mixture screw in again half a turn to enriched the mixture. The engine should now rev cleanly without hesitation. If not, turn the screw in 1/8 increments, once you are happy with the configuration then re-set the idle speed with the idle screw. This procedure takes some time and patience.

Do you have a question, suggestion or problem?  
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visit our webpage: [www.bollaamotos.com](http://www.bollaamotos.com)

