Polini CP19 Carburettor
Art.Nr. 1045

Thank you very much for purchasing our carburettor kit. This kit is used as a replacement for the original carburettor.

Contents:

- Polini CP19 carburettor
- Throttle slide 24/40°*
- BollagMotos throttle lever*
- Main jet kit 76-90
- Idle jet 40*
- Air correction jet 1.0*
- 90° fuel hose reduction 6-8mm
- Hand operated choke
- Cable operated choke parts
- Inlet manifold adapter clamp*
- (* pre-assembled)

Do you have a question, suggestion or problem?
Please send us an email to: info@bollagmotos.ch
or visit our webpage: www.bollagmotos.com

Information:

The carburettor is pre-assembled and optimized for original Vespa 150cc engines with metal air filters (refer to table).
For Vespa 125cc engines, reduce the main jet by one size.
This is sufficient in most cases in combination with a metal air filter and a performance exhaust (BollagMotos Widebox, LTH 125 box etc). Nevertheless, the behavior at full throttle and the spark plug colour should be checked. Larger and smaller jets are included for fine tuning.
When using a foam air filter, adjust the main jet and possibly the throttle needle according to the table.

Air filter type	Main jet	Idle jet	Throttle slide	Needle	Air correction jet
Steel filter	78	40	40°	2	1.0
Foam filter	86	40	40°	3	1.0

Assembly:

We recommend the following procedure:

1. Disconnect the old carburettor
2. Connect the throttle cable and, if required, connect the choke cable to the new carburettor.
3. Fit the carburettor to the inlet manifold and tighten the clamp.
4. Now the fuel hose can be connected. The connection to the carburettor is 6mm, at the fuel tap 8mm. Cut the fuel hose accordingly and mount the hose reduction.

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 engine 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 richen the mixture. The engine should now rev cleanly clean 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!