

## ASSEMBLY FOR PREMIUM 23



Prepare a pack, before beginning, to tide all the screws removed, in order to find them back for the reassembly.

### **Assembly for Scooter Keeway and CPI.**

The speed of the mopeds of 50 C.C is limited 45 km/h in the European road network. In order to respect this legislation, connect the blue cable to the earth and your vehicle will be controlled to 45km/h.



**Open the saddle.**



**Remove the 4 screws, with a key of 10, and remove the back.**



**Remove the screws with a key of 8, and the superior cross-shaped screw, to remove the ignition cover.**



**Remove the 3 cross-shaped screws from the ventilator.**



**If you don't have a compressed air gun, remove the spark plug and place a block piston stick on its place.**



**Loosen the rotor nut, with a key of 17.**



**Place the extractor MBK and YAMAHA and remove the rotor.**



**Disconnect the individual cables and the stator connector.**



**Remove the stator, with a key of 8 and remove the wiring harness.**



**Remove the original CDI and disconnect the 2 connectors.**



**Recover the wire pass on the stator tube, to place it on the PREMIUM tube.**



**Recover the rubber strap of the original CDI and use it to assemble the MVT diagram.**



Place the support, keeping the paper seal and tighten it with the 2 original Allen screws of 6.



Put the cables stator through the original carter hole and tighten the stator on the support with the 2 provided Allen screws of 5x30 mm.



Unscrew the block piston stick and turn the crankshaft to find the BTDC, using the block piston stick.



Put the rotor on the crankshaft, making the red marks of the stator meet.

**The good red** mark is the one which the arrow corresponds to the engine sense of rotation.



Place the original disc.



Fit the block piston stick, tightening it slowly and tighten the rotor with the original nut. Then, when the rotor is tightened, check the red marks meet at the BTDC.



Tighten the ventilator with the training fingers of the water pump, for the liquid models, with the original screws.



Connect the 3 ways connector of the MVT stator with the 3 ways connector of the wiring harness; and the stator black cable with the MVT diagram black cable.

Connect the red/black cables of the stator with the red/black cables of the MVT diagram.



Connect the orange cable of the MVT diagram on the white/black cable of the 4 ways connector, previously connected on the original



Connect the white/black cable of the MVT diagram on the green cable of the 2 ways connector, previously connected on the original connector.



Reassemble the ventilator with the 3 cross-shaped screws.



Reassemble the ignition cover, with its original screws.



Remove the block piston stick, and reassemble the spark plug and the connector cap.



Reassemble the back, being careful to not pinch the cables.

**CAUTION!**

**Before any test, check the battery is on its place and charged on 12 volts. Because, if the battery is not connected, the PREMIUM ignition won't work.**

***Before assemble the ignition, disassemble the spark plug if it is of black colour it is necessary to lower of 5 points of carburetion, if it is of colour chocolate or grey it is necessary to raise of 10 of 15 points of carburetion.***

**MVT THE ENERGY OF THE EXPLOIT**

**Warranty Department**  
**CAPOFASTO S. L**  
Calle Mas Mueca s/n  
Nave Industrial de la rotonda  
17469 RIUMORS  
GIRONA SPAIN  
TEL.: (0034)972 53 42 12  
Fax: (0034) 972 53 40 68

<http://www.mvt-news.com>