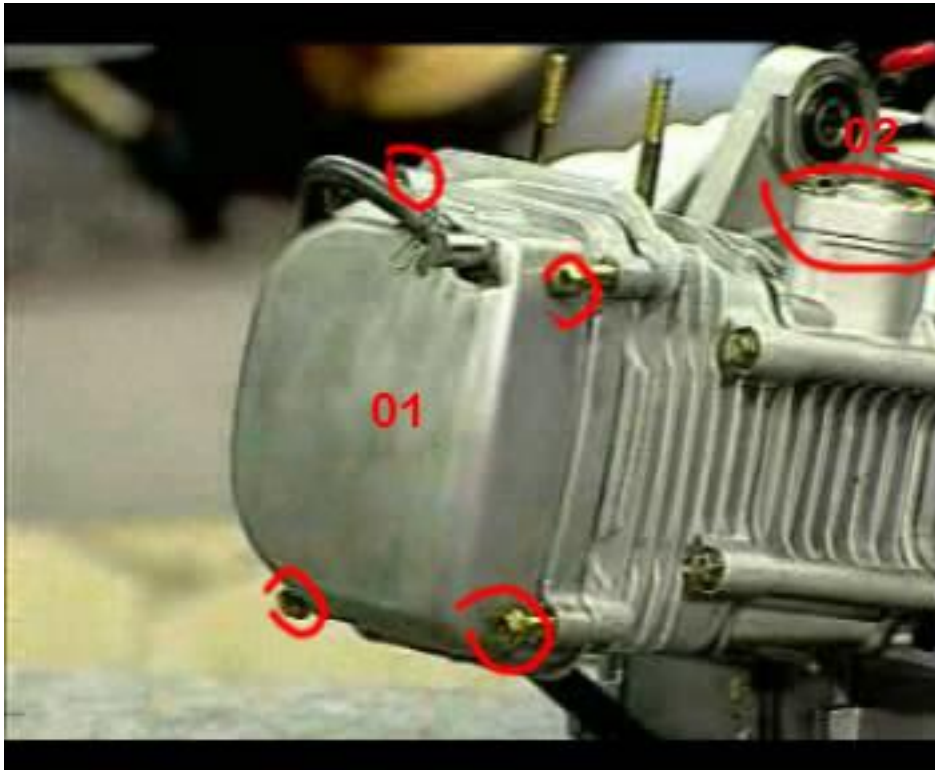


## How to make your 50cc engine into 80CC

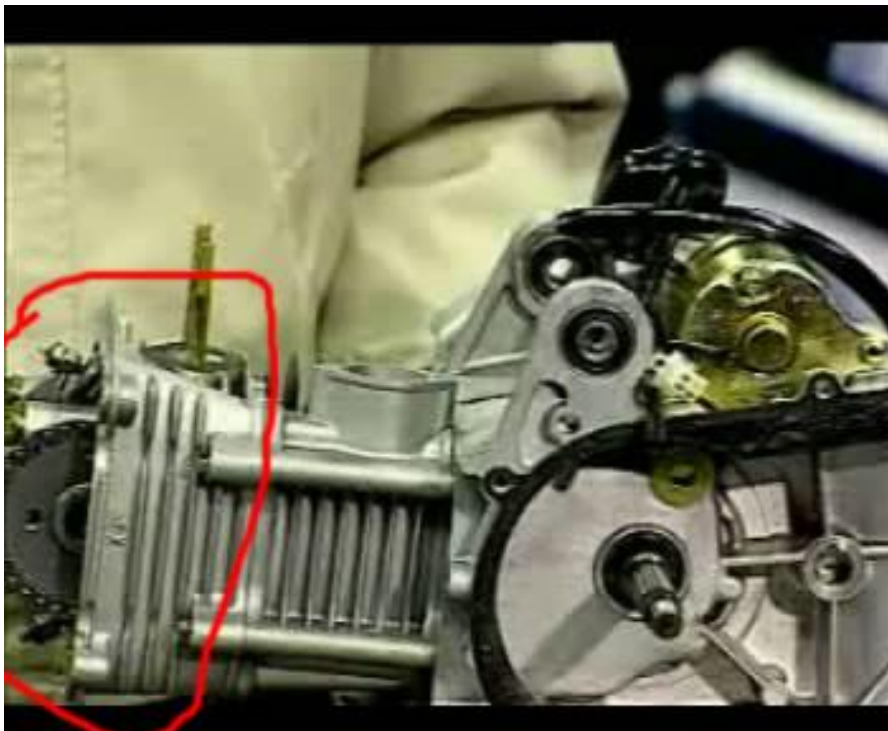
### Step 01:

Take off the engine cover , unscrew the 01, 02.



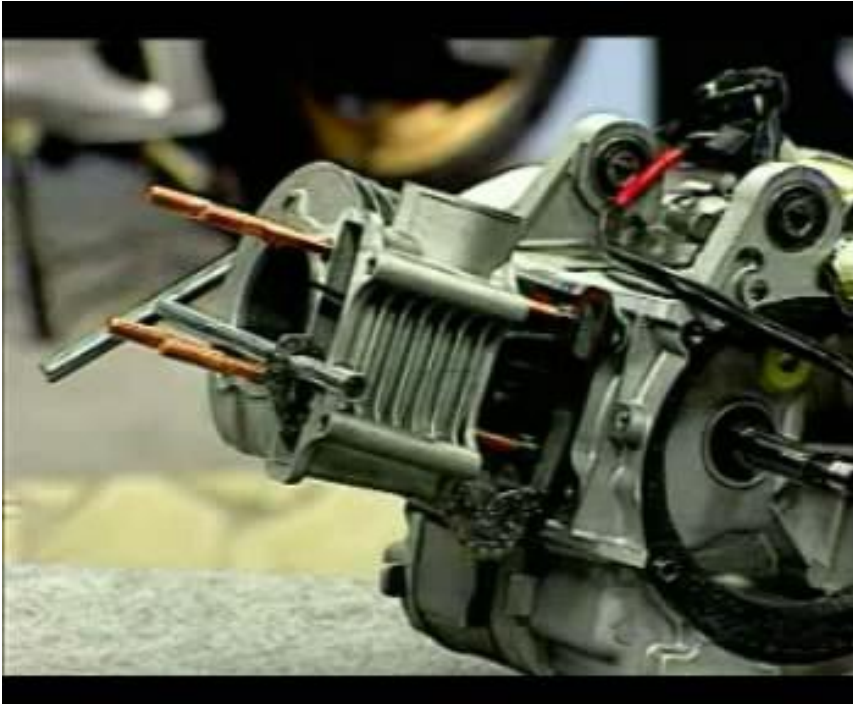
### Step 02:

Take off the engine head Assy (with the valves , rocker arm togther, and you do not need remove the valves from the head)



**Step 03:**

Take of the Cylinder.



**Step 04:**

Take of the cylinder(

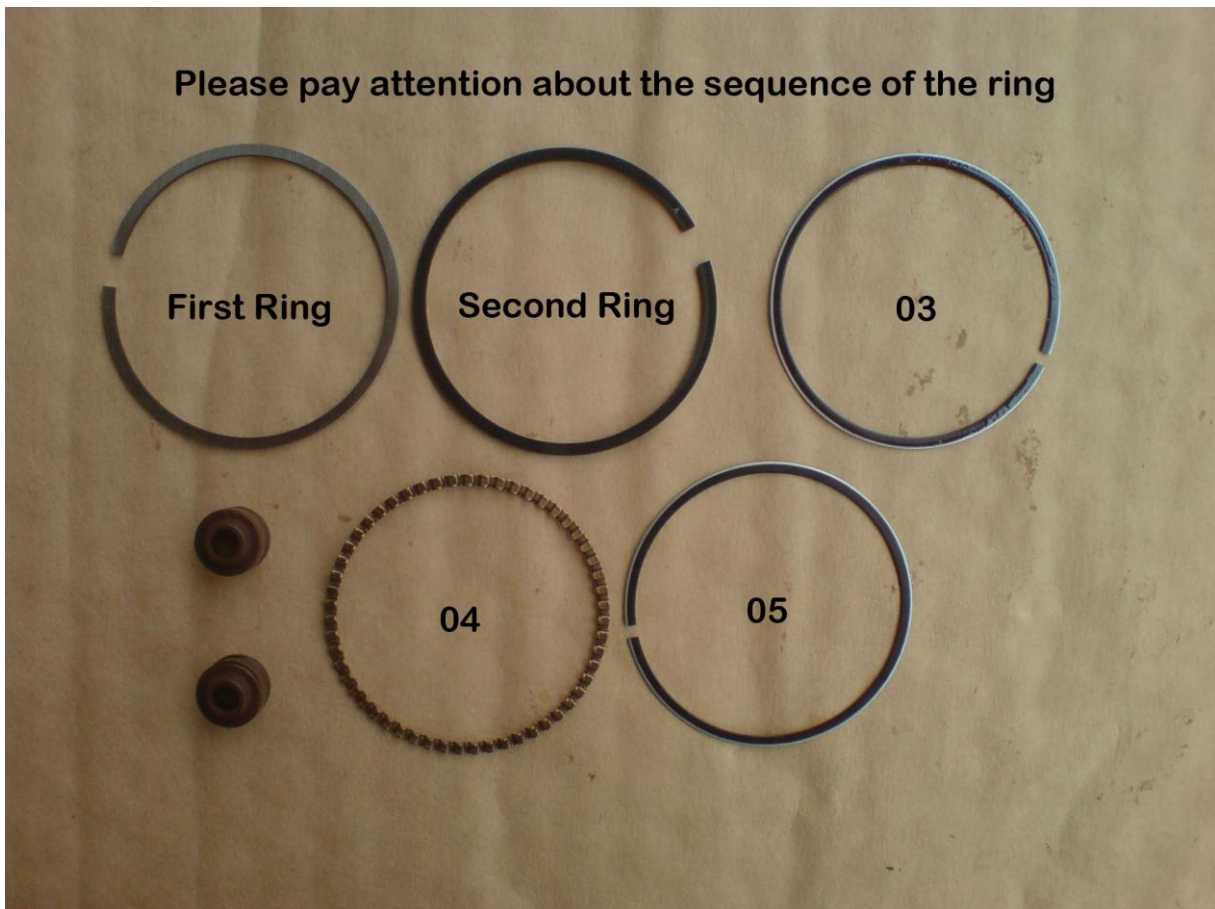
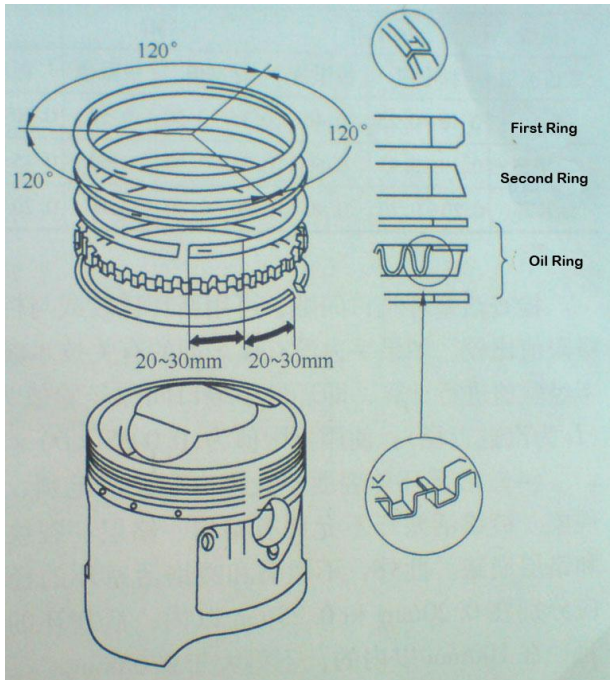
1. Please use a cloth cover the bottom incase the piston fall into the crankcase.
2. Use the pliers remove the clip and take the piston pin off from another side.



**Step 05:**

Assembling the 80CC piston.

1. Please pay attention the sequence of the 5 rings.
2. Please that that each opening of first 3 rings need to be  $120^\circ$  angle.
3. And the distance between the 3 oil rings.

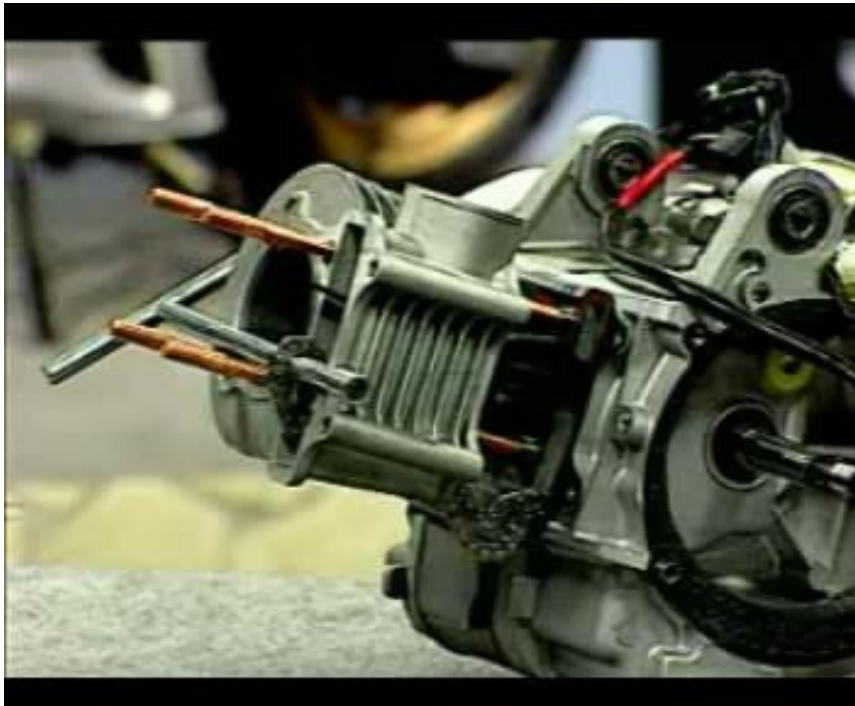


**Step 06:**

Install the 80CC piston on your engine. (same like you take your original piston)

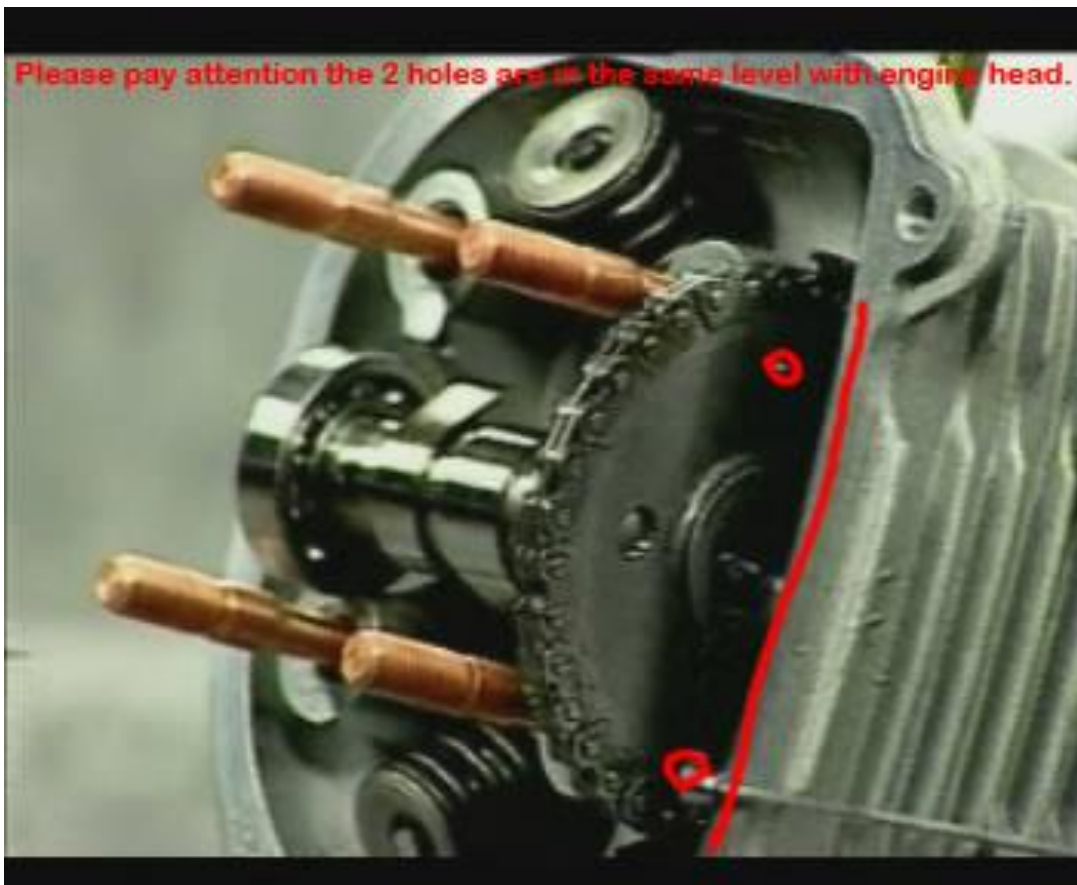
**Step 07:**

Install the cylinder. (Please let the cylinder have some oil when new cylinder installed)



**Step 08:**

Please adjust the ignition timing well here.



**Step 09:**

Install the engine cover & Chain Tensioner. (Please unscrew one bolt on the engine cover and start the engine to make observe the oil pump works well)

**Step 10:**

Fill some oil for the engine when needed.

New cylinder set need some time to fit. So please do not drive so fast at the first 500 KM!

To make the cylinder running better, we have shipped all cylinder set with a #88 main jet and you need to change your main jet inside your carburetor with this main jet to make the new cylinder works perfect!

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