

# Mounting Cylinder (Minarelli)

Replacement or tuning: get more power with a new cylinder, your motor's power plant. We've taken a water cooled Minarelli motor apart for you. Air cooled motors are pretty much the same, only simpler, cause you don't have a hassle with water.

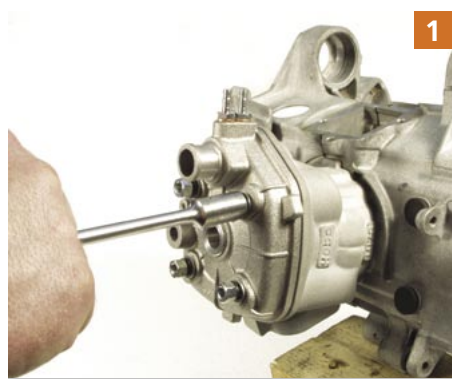
**How difficult?** You'll need some experience or someone with a bit of know how, otherwise, no big deal.

**What do I need?** A set of socket wrenches, piston ring pliers, needle nose pliers.

**How long will this take?** About 35 minutes to disassemble your cylinder.

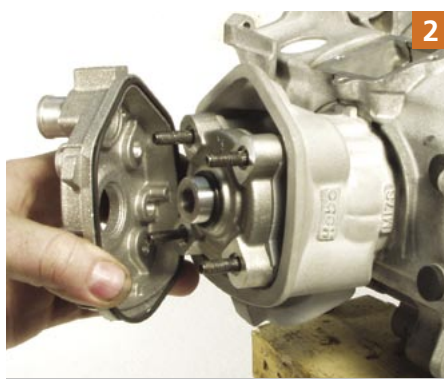


Illustration shows piston ring pliers. BU5045 12,- €



1

Drain cooling water and remove water hose, then loosen cylinder head screws.



2

Remove the cover. Now visible, the combustion chamber spherical cap.



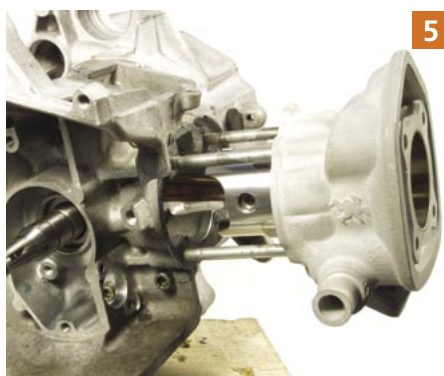
3

Always use new gaskets and o-rings. Always included in a new kit.



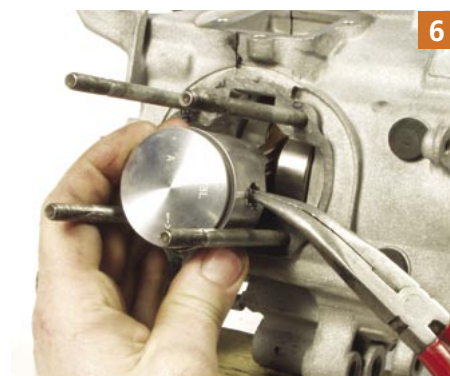
4

Pay attention which direction you place the piston. Arrow shows exhaust direction.



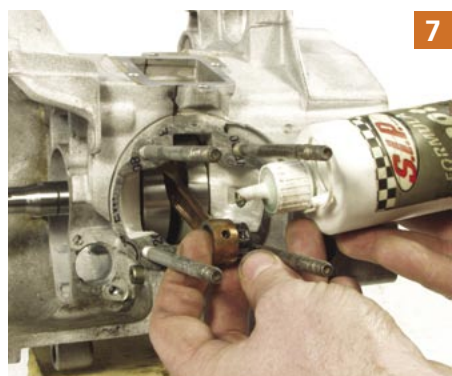
5

Remove cylinder, making sure piston is held tight.



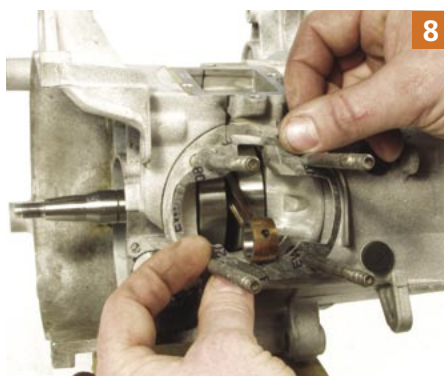
6

Grip piston pin security clips with needle nose pliers, swivel out. Press out piston pin.



7

When mounting your new cylinder kit, treat the connecting rod bearing to a few drops of oil.



8

Don't forget new cylinder base gaskets! Assemble parts in the reverse order of their removal.

**SIP-TIP!** Pay attention to the direction you assemble the piston: the arrow on the bottom of the piston always shows the exhaust outlet. If you can't see the arrow or it's covered with crud, know ye this: windows in the piston never show the exhaust! Get this wrong and your piston rings will spring right into the exhaust channel, resulting in a totaled engine!



**SIP** Mounting Instructions

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