



## SSK & SSRK Piston Kit Fitting Instructions for KYB-4HL & 9

### Fork Disassembly



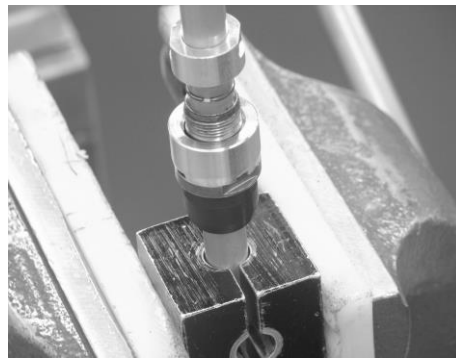
1. Remove top cap and springs from fork for Yamaha YZF-R6 you will need Tool No:- **113-010-040** or **113-010**
2. Drain oil from fork.



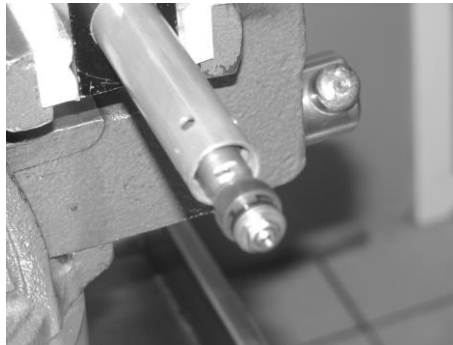
3. Remove top cap, spacer, spring using Tool No:- **113-040-010**



4. Using Tool No:- **113-030-000** remove standard cartridge from fork



5. Remove hydraulic lock assembly on the damper rod on the cartridge that has been removed from the fork leg (screwed together type) you need to clamp the piston rod with Tool No:- **113-050-010**. Split the collar using a 19mm spanner and 17mm spanner, remove circlip from under the assembly and slide it off the piston rod.



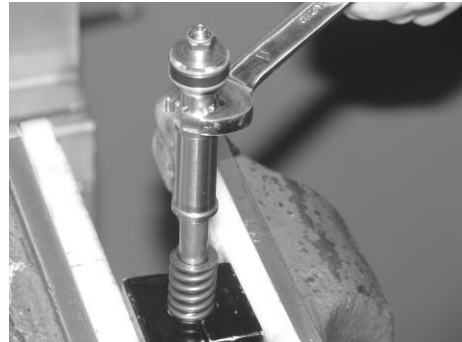
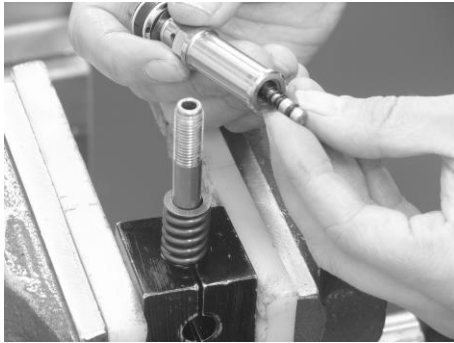
6. It is now possible to remove the piston rod out of the bottom of the cartridge tube.



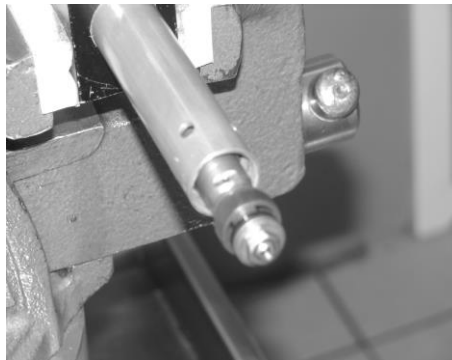
7. Using tool **113-050-010** clamp the piston rod in a vice and remove the rebound piston assembly and nut from the piston rod.
8. Clean any oil residue from the piston rod and cartridge tube using a brake cleaner and allow to dry.



## Assembly of Fork



9. Clamp the piston rod's using Tool No:- **113-050-010** and fit the new rebound adjustment needles supplied into the rebound piston holder greasing the O-rings before installation.
  
10. Before fitting the new rebound piston assemblies to the piston rod on the Yamaha YZF-R6 2006-2015 models **Remove the std locking nut from the piston rod** before fitting the new rebound piston assemblies using Loctite 243.



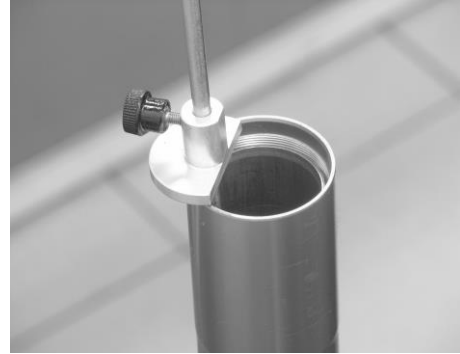
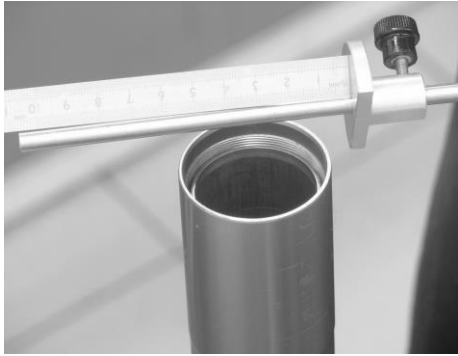
11. Refit the newly assembled piston rods back into the cartridge tube.



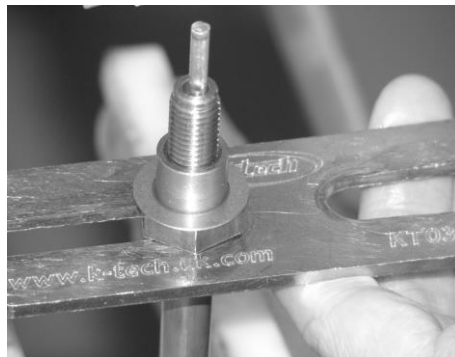
12. The cartridge is now ready to refit into the fork casing Using Tool No:-  
**113-030-000**



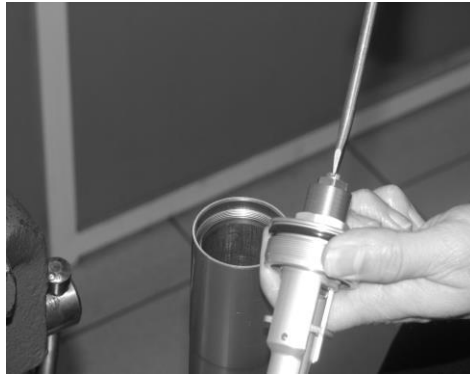
13. Remove compression adjuster assemblies and fit the new assemblies  
supplied with the piston kit



14. Refill the forks with oil and set to the recommend level using Tool No:- **113-030-050** Oil Level Tool (see **FF Piston Kit / FCV Application List**).



15. Before fitting springs and top caps make sure the top cap locking nut is screwed down fully onto the piston rod.



16. Before fitting the top caps screw the rebound adjustment screw fully anticlockwise and the back in four full turns.  
The amount of clicks per revolution may differ from fork to fork.



17. Refit the steel washer, springs and pre load spacer using Tool No:- **113-040-010** Fit top caps to piston rod. When the top cap seats on the needle in the piston rod screw the lock nut up towards the top cap and tighten with spanners.
18. Pull outer tube up and tighten top cap.
19. Set all adjusters to the recommended settings (**see FF Piston Kit / FCV Application List**).