



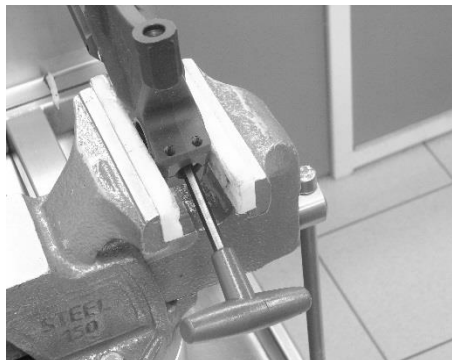
## 20SSK & SSRK-KYB1 FF Piston Kit Fitting Instructions

### Disassembly of Fork

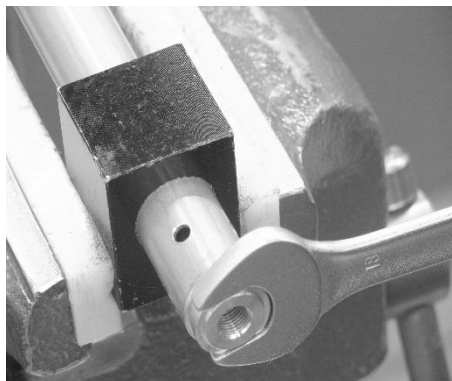
1. Remove top cap and springs from fork. Using tool  
Part No: 113-040-010



2. Remove lower bolt from axle bracket at bottom of fork and remove  
cartridge from fork and drain oil from fork.



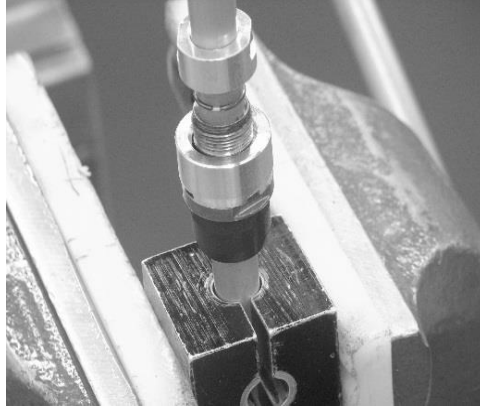
3. Using a cartridge tube clamp Part No: 113-070-020, clamp the  
cartridge tube and remove the base valve assembly.



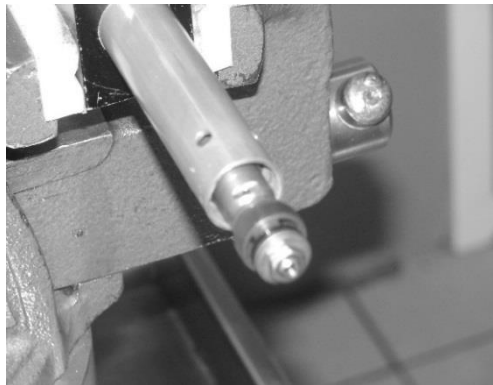


## 20SSK & SSRK-KYB1 FF Piston Kit Fitting Instructions

4. To remove hydraulic lock system from the piston rod clamp the piston rod with tool Part No: 113-050-010 and split the collar using the relevant spanners to reveal a split circlip. Remove the circlip from the piston rod and slide assembly off of piston rod.



5. It is now possible to remove the piston rod from the cartridge tube by sliding it out through the bottom.



6. Using tool piston rod clamp tool Part No: 113-050-010 clamp the piston rod in a vice and remove the complete rebound piston assembly from the piston rod.

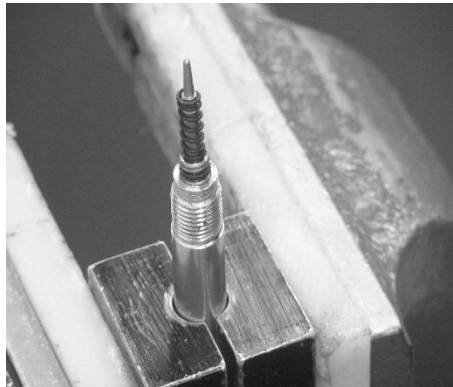




## 20SSK & SSRK-KYB1 FF Piston Kit Fitting Instructions

### Assembly of Fork

1. Fit the new rebound adjustment needles supplied, greasing the O-rings before installing.



2. Fit the new rebound piston assembly to the piston rods using Loctite 243. Using the 113-050-010 piston rod clamp clamp to tighten.

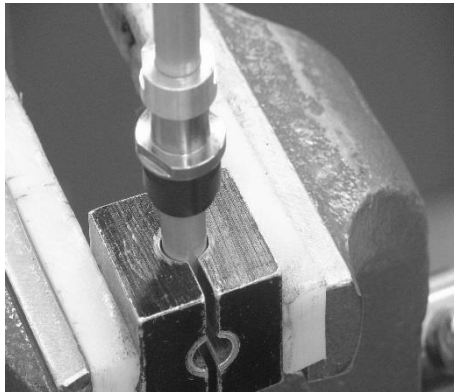


## 20SSK & SSRK-KYB1 FF Piston Kit Fitting Instructions

3. Put the assembled piston rods into the cartridge tubes and fit the new compression assembly supplied using Loctite 243



4. Refit the hydraulic lock system to the piston rods leaving out the central aluminium piece but include the bump rubber.



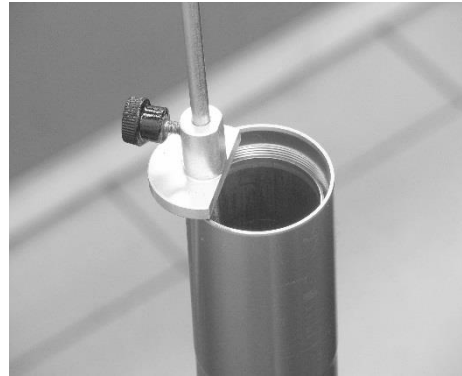
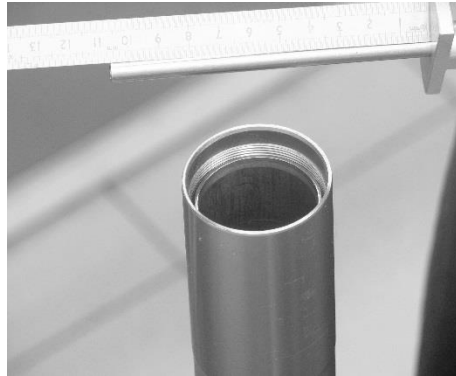
5. The cartridge assembly is now ready to refit into the fork casing using the original bottom bolt.





## 20SSK & SSRK-KYB1 FF Piston Kit Fitting Instructions

6. Refill the forks with oil and bleed any air out of the cartridge pumping the piston rod up and down. Set to the recommend oil level with tool Part No: 113-030-500. From Piston Kit Application Sheet



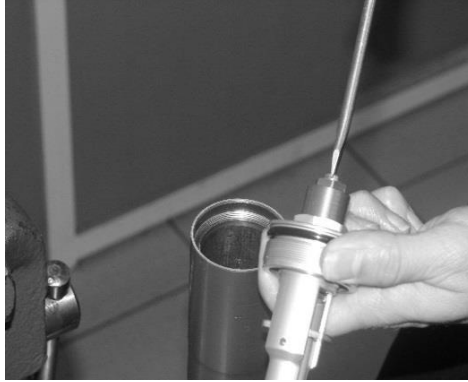
7. Before fitting rebound adjuster rods check **Piston Kit Application Sheet** and machine the specified amount off the rebound adjuster rod (if needed).
8. Before fitting the springs and top caps make sure the top cap locking nut is screwed fully down on the piston rod clockwise.



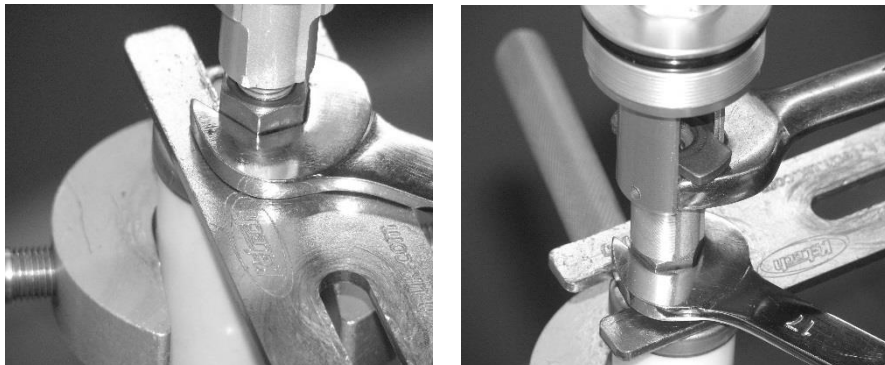


## 20SSK & SSRK-KYB1 FF Piston Kit Fitting Instructions

9. Screw the rebound adjustment screw on the top cap fully anticlockwise and then back clockwise four full turns. The amount of clicks may differ from fork to fork.



10. Refit the springs using tools Part No: 113-040-010.



11. Fit the top caps to piston rod. When the top cap seats the needle in the piston rod screw the lock nut up anticlockwise towards the top cap and tighten with spanner.
12. Pull up the outer tube and tighten
13. Set all adjusters to recommended settings on the **Piston Kit Application Sheet**.