

# Service sheet

1. Clean shock absorber to avoid dirt ingress
2. Wind off any pre-load on the spring
3. Remove spring collet and then the spring
4. Support the inverted shock in a vice taking care not to damage the top mount
5. Hold the shock body taking care not to damage it and undo the bush and seal holder using the service tool
6. Remove the damper rod complete from the body
7. Remove the body from the vice and dispose of the oil and clean out
8. Hold the bottom mount in the vice taking care not to damage it
9. Undo the 6mm nyloc nut and remove the washer taking care to see if it is installed flat or chamfered side facing the rebound shims
10. Remove the rebound shims which have three holes
11. Remove the piston
12. Remove the compression shims which have six holes
13. Remove the shim support
14. You can now remove the bush carrier, bush/seal holder and the bump stop
15. Undo the 10mm locking nut and remove the damper rod
16. Your Rockshock is now completely disassembled. Clean and inspect all components before following these assembly instructions
17. Screw the 10mm lock nut onto the damper rod to the end of the thread
18. Screw the damper rod into the bottom mount and tighten the lock nut to the bottom mount
19. Slide on the bump stop
20. Fit new seals if required to the bush and seal carrier making sure it is fully home with the spring side of the seal exposed
21. Slide the bush/ seal holder and bush carrier onto the damper rod
22. Fit the shim support with the flat side down
23. Fit the compression shim or shims which have six holes
24. Fit the piston with the three pairs of two holes lining up with the three pairs of two holes on the compression shims
25. Fit the rebound shims with the three holes lining up with the three holes on the piston
26. Fit the damping washer in the same way as it was when you disassembled
27. Hold everything in place and fit a new 5mm nyloc nut
28. Hold the body upright and pour in 10w fork oil until it is 52mm from the top of the aluminium body or 56mm on long bodied versions,(Greater than 380mm centres)
29. Install the damper assembly making sure the piston ring is in place
30. Screw in the seal/bush holder and tighten with the service tool
31. You now need to bleed any air out of the shock
32. Hold the shock in a vice by the bottom mount and fully extend the shock
33. Slacken off the bleed screw
34. Slowly fully compress the shock and any air or excess oil will come out through the bleed hole
35. With the shock fully compressed tighten up the bleed screw
36. Check that the shock travels smoothly up and down before refitting the spring and collet.

If you have any questions we are only a call away

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