



Manual MTB Lock-out function checking manual

Model:

All manual Lock-Out MTB forks

CONTENTS

Function checking and adjustment

Note:

Be sure that all described contents in this manual must be handled correctly by a qualified bicycle mechanic. Improperly installed forks are extremely dangerous and can result in severe and/or fatal injuries.

Specifications are subject to change without prior notice.

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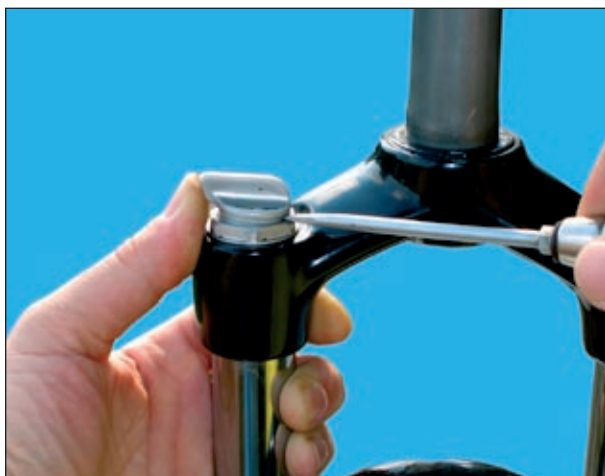
July 18th., 2005



1. For the function checking job you need a plier and 4mm & 5mm Allen key. In order to check the function, you don't need to dis-assemble the fork from the bike.



2. Push up the lock-out knob, in order to remove it. If it moves up difficult, then use...



3. ... a slot screwdriver as lever, taking care not to scratch the top cap.



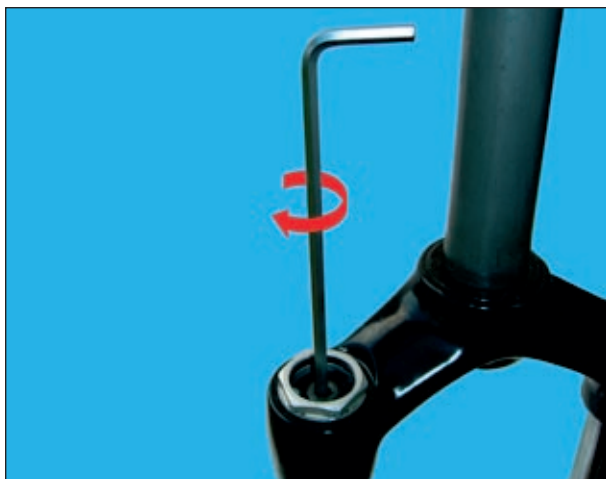
4. This is the adjustment unit for the lock-out function.



5. Remove the adjustment unit with the pliers.

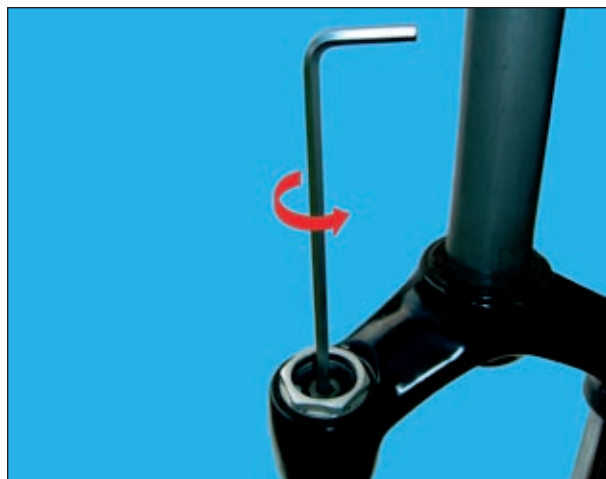


6. Now, please check if the lock-out cartridge is fastened, using the 5mm Allen key. If not, then tighten.



7a. Depending on the customer's claim, there are two possible actions you should take, using the 4mm Allen key:

a.) The customer claims that the lock-out doesn't close anymore. Here you turn the Allen key clockwise, until you feel a stop. Then you push on the handlebar and check if the fork is locked. If yes, proceed with the step below. If not, and there is oil in the top cap, then the cartridge is defective and needs to be exchanged.



7b.

b.) The customer claims that the lock-out is closed and doesn't open anymore. Here you turn the Allen key counter-clockwise, for about 360°. Then you push on the handlebar and check if the fork is unlocked. If yes, proceed with the step below.



8. No matter which of the two above mentioned claims are present, please turn the 4mm Allen key clockwise, until you feel the stop. Now, please remark the position of the "yellow" marked stopper (which is actually black), before re-inserting the adjustment unit.



9. Re-insert the adjustment unit (toothed washer with short 4mm Allen key) and take care to push it well into the top cap, until it is flush with it. Else, the Allen key is not inserted properly and the lock-out will not work.



10. Now, keep in mind that the fork is in locked condition. Please remark the "red" marked stopper on the lock-out knob. This stopper has to be inserted to the left of the stopper in the top cap.



11. If you consider the stopper (yellow) in the top cap to be placed in the position of 12 o'clock, then you have to place the stopper of the knob at 11 o'clock. Now turn the knob counter-clockwise and check if the fork is un-locked.