



2006-2009 BoXXer Factory Fork System DIY Damper Assembly Instructions

Please use the link below for additional information as well as an overview of complete disassembly and reassembly procedures for your fork. This service guide is designed for specific instruction regarding the PUSH Factory Fork System components and is designed to supplement the standard Rock Shox BoXXer service guide.

Improper installation can result in serious injury or death so please be careful!

BoXXer Owners Manual

http://www.pushindustries.com/2009/media/06Boxxer_English.pdf

Rock Shox Technical Manual

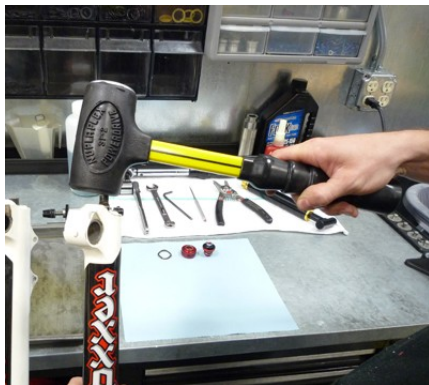
http://www.pushindustries.com/2009/media/ROCK%20SHOX-TM_MY09_E.pdf



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Step 1.
Remove red rebound adjuster from bottom of right fork leg and loosen foot bolt using a 5mm hex key two full turns.



Step 2.
Using a plastic or rubber tap mallet, strike the foot bolt to free damping rod from the bottom of the fork lowers.



Step 3.
Unthread foot bolt and remove right fork tube from the lowers. Be sure to drain lubrication fluid from lower legs.



Step 4.
Using a 15/16 Socket, completely loosen Motion Control compression unit from the top of the right inner fork tube.

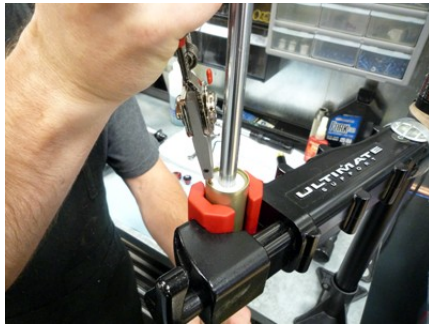
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www.pushindustries.com



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Step 5.
Remove Motion Control compression unit from fork tube and drain all oil from the leg.



Step 6.
Using snap ring pliers, remove snap ring from the lower portion of the inner fork tube and remove rebound damping rod.



Step 7.
Remove plastic rebound rod seal housing from damping rod.



Step 8.
Using a 15mm and 10mm box end wrench, loosen and remove stock replenish piston, check shim, and spring from rebound damping rod.



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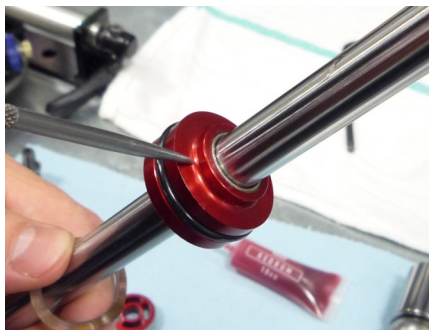
Step 9.
Clean and dry rebound rod end threads using contact cleaner and apply a drop of red loctite 266 to rod end thread.



Step 10.
Thread PUSH Rebound Piston Assembly supplied with your kit and using a 15mm box end wrench and torque wrench with 7/16" socket, torque assembly to 50in/lbs.



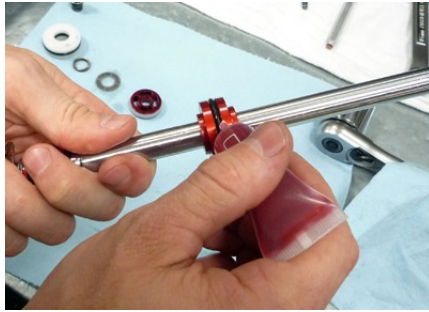
Step 11.
Apply a light application of Red Rum (supplied with kit) to inner seal of PUSH seal housing.



Step 12.
Install Wave Spring and PUSH Seal Housing onto damping rod being sure that radius end of the housing faces AWAY from rebound piston assembly.



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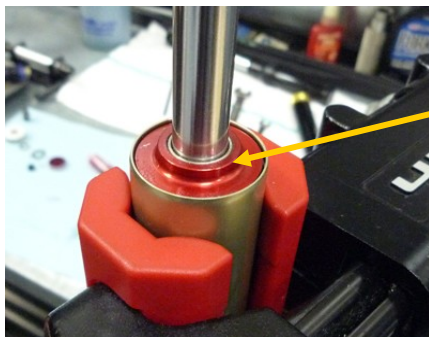
Step 13.
Apply a light coating of Red Rum (supplied with kit) to exterior seal housing o-ring.



Step 14.
Install steel base shim back into lower portion of inner fork tube.



Step 15.
Insert Rebound damper rod assembly into lower portion of inner fork tube.

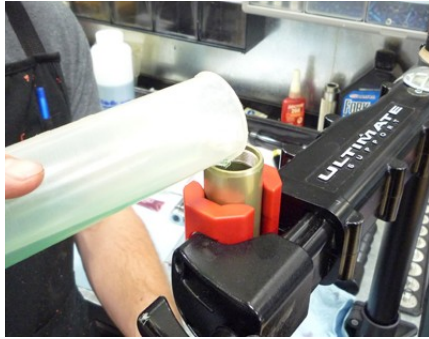


Step 16.
Confirm seal housing radius is visible with seal housing installed. Reinstall snap lower snap ring being sure to apply pressure to seal housing as it is now spring loaded in the gland.

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Step 17.
Add 150cc's of 5wt fork oil and slowly cycle rebound rod in and out of inner fork tube purging air out of the system.



Step 18.
Using a 15/32 socket, reinstall Motion Control compression unit into the top of the inner fork tube.