

## Stem Rebuild Guide

This guide demonstrates how to rebuild the Kinekt Suspension Stem with new bushings. It shows disassembly, bushing removal, bushing installation, and reassembly. This guide applies to all models.

### Stem Rebuild Kit Parts

8x Flanged Bushings

4x M5 Set Screws

1x Upper Spring guide with bumper

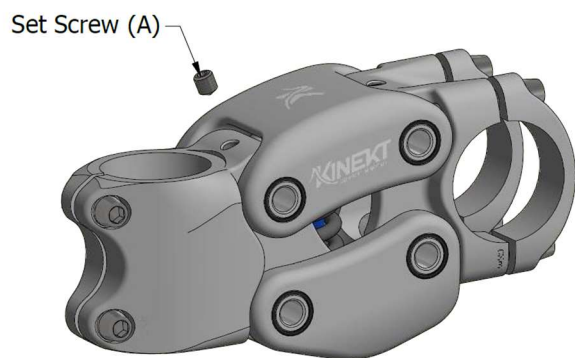
1x Bushing Tool

### Required Tools

- 2.5mm hex key
- Bench vise
- Torque wrench

### Stem Disassembly

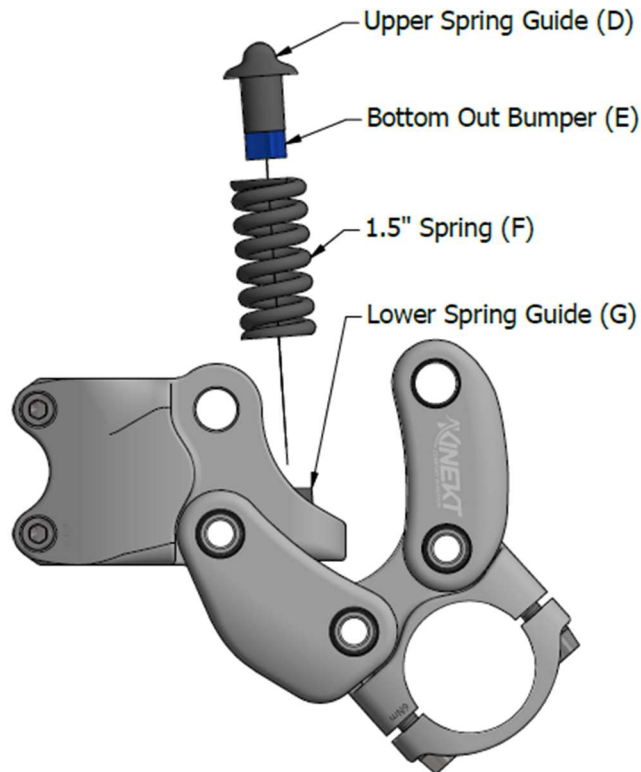
1. With the stem removed from bike, remove set screw (A) with a 2.5mm hex key.



2. Push pivot pin (B) sideways to remove.



3. Remove upper spring guide (D) with bottom out bumper (E), 1.5" spring (F) and Lower Spring Guide (G).



4. Continue disassembly by removing the other 3 set screws and pivot pins until disassembled as shown. Take this opportunity to clean all parts.



## Bushing Removal

5. Place the bushing tool on the outside of each bushing and use a vise to remove them.



*Pressing out bushing*

## Bushing Installation

6. Place the bushing tool on the flange of the new bushing and use a pivot pin in a vise to slowly press in each bushing until the flange is flush.



*Bushing installation setup*

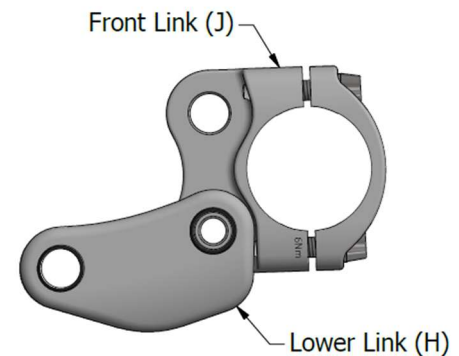


*Bushing installed*

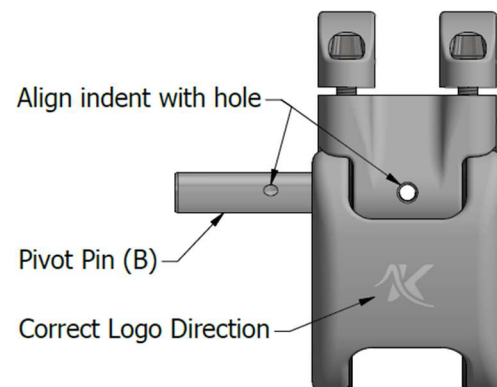
## Reassembly

*Note: If the factory thread-locking treatment has worn off the set screws, use new screws or apply a drop of medium strength threadlocker.*

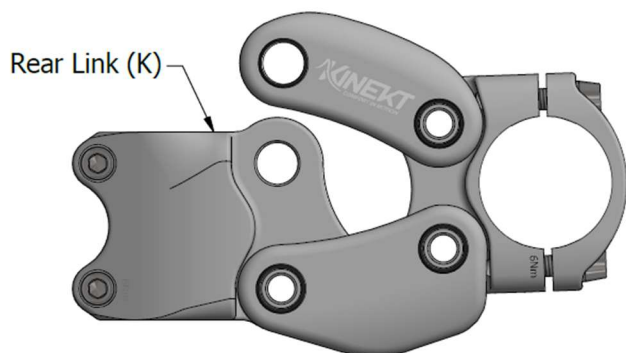
7. Attach lower link (H) to the front link (J) with pivot pin (B). Take care to align the pivot indent with the set screw hole. Install set screw and tighten to 2.5Nm with 2.5mm hex key.



8. Attach upper link (C) to the front link (J) with pivot pin (B). Note orientation of upper link logo. Take care to align the pivot indent with the set screw hole. Install set screw and tighten to 2.5Nm with 2.5mm hex key.

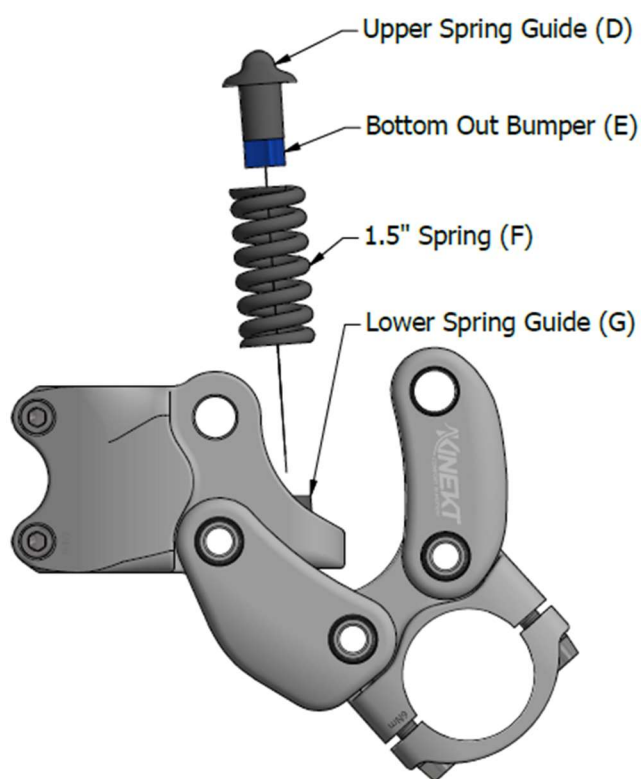


9. Attach rear link (K) to the lower link (H) with pivot pin (B). Take care to align the pivot indent with the set screw hole. Install set screw and tighten to 2.5Nm with 2.5mm hex key.



### Spring Installation and Final Reassembly

10. Ensure that lower spring guide (G) is fully seated in the rear link.



11. Put spring (F) in place.  
12. Top with upper spring guide (D).

*Note: Early units were assembled with the upper spring guide and bottom out elastomer glued together. If these parts have separated, install the bottom out elastomer (E) inside the spring (F) and top with the upper spring guide (D).*

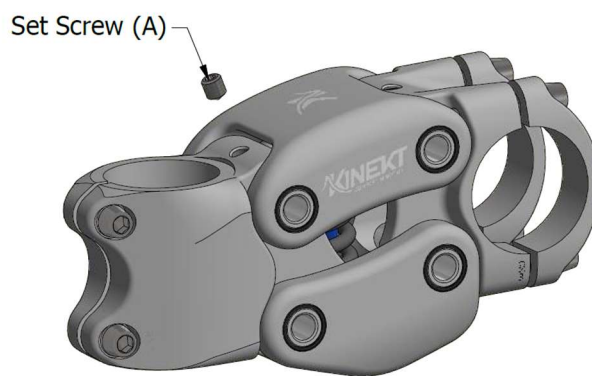
13. Lift on front link until it stops, then rotate upper link (C) into place. Note that there is a groove in the upper link that the upper spring guide slots into.



14. Insert the pivot pin (B), making sure to line up the indent and set screw hole.



15. Install the set screw and tighten to 2.5Nm with 2.5mm hex key.



### Customer Support

For assistance, please contact us via email or phone:  
[info@cirruscycles.com](mailto:info@cirruscycles.com) / (360)-392-8302