

Repairing a CamelBak Water Bottle, version 1.0

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These CamelBak water bottles can take a beating and not break. But it doesn't take long for the friction lock to wear out and the mouthpiece starts to pop up unexpectedly. This can cause water to leak out. One solution is to buy a new top for \$8. A far more satisfying option is to repair the friction lock.



You will need to get the proper size Security Torx. Harbor Freight sells a complete set for \$7 (<http://www.harborfreight.com/33-pc-security-bit-set-68459.html>) They are handy to have around the shop.

Pull off the mouthpiece and straw from the screw on top.

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Remove the screw from the top.



Here is what is under the top cap. There are a number of horizontal tabs that engage with tabs in the top cap. By sliding the top cap away from this large side tab, it will lift off.



Here is the main trick to the repair. Unsnap the valve to expose the worn out friction bumps. Then put a dab of heat glue on these bumps. Let the glue cool for a few seconds and then reinstall the valve in the lock position. This will properly form the heat glue. Then let the glue fully cool with valve in the unlock position.



Reassemble the top and you are done.

I welcome your comments and questions.
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