3DPrintFreedom.com Supplementary Materials



PRODUCT: Decker .380 Hardware Kit VERSION: 1.1

This document details a few notes about the Decker. 380 Hardware Kit.

## **Notes on Firing Pins**

The Decker's BOM calls for its firing pin to be cut from 1/8" stock to 127mm long. This is the length we cut our firing pins to. However, even if cut perfectly, I have found that sometimes this length is a tiny bit too short.

To address this I have developed and released a set of updated sleeves to compensate for shorter firing pin lengths. You can find these here: <u>https://odysee.com/Decker-Firing-Pin-Sleeves:8</u>.

Please review the README in this file for more information about how to use these sleeves.

## Notes on Bolts

The Decker's BOM calls for the bolt tube to be cut to 100mm exactly. If cut perfectly, this length should require zero headspacing (the bolt should headspace off its printed face.) If the bolt tube is cut a little long, you can compensate by adjusting the headspacing bolt. However, if the tube is cut too short, then proper headspacing will become impossible and light strikes will result.

To address this, I have created modified versions of the Decker bolts. These bolts have slightly bolt tube holes, allowing a shorter bolt tube to protrude further. You can find these here: <a href="https://odysee.com/@3dprintfreedom:6/380">https://odysee.com/@3dprintfreedom:6/380</a> Decker-Compensated-Bolts:a

Note that the bolt tube is squared to the bolt body by the bolt hole itself. The shallower the hole, the more out-ofsquare it's possible for the tube to become. For the +2mm bolt body, this probably isn't a problem, but it might become a problem for the +4mm body. That said, if your bolt tube is cut so short that it needs a +4mm compensation, then you should probably just get a new bolt tube.