

## Installation Instructions for the JD3 Hood Latch Repair Kit by KCSL Parts



KCSL Parts cares about the quality of our parts and the ease of installation. This document provides easy-to-follow instructions on how to install new “springs” in your hood latch using the JD3 Hood Latch Repair Kit.

Calvin of KCSL Parts will walk you through the installation steps along with pictures to ensure your installation is a success! He uses a KCSL Parts demo hood latch, which he carefully painted to augment the instructions.

Look for “Calvin’s Thumb-Saving Tips” to ease the installation and save your thumbs!

First, unpack the three springs from the JD3 kit and lay them out in your workspace (See Figure 1)

**KCSL Parts Fun Fact:** The kit was named after its Manufacturer – Jeff Davis with three springs it became the JD3. Calvin (6 years old) laid out the springs as he saw them as two letters and a number: J d 3 – so the name fits!

Since Calvin calls them J d 3, we will call the springs the J spring, the d spring and the 3 spring.



Figure 1



Figure 2

We will first install the J spring. Place the J spring on your workspace. You’ll need to determine the “long” side of J spring (See Figure 2). That is the side Calvin will be putting in place first. Place the “long” side of the J spring in the red painted circle, as shown in Figure 2a.



Figure 2a

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Figure 3

Then slide the J spring over the barrel as shown in Figure 3.

*Calvin's Thumb Saver Tip:* Have the latch mechanism open and the red catch pushed all the way open for ease of installation of the J spring.



Then with your thumb, press down on the other end of the J spring and snap it under the steel arm in the notch made for it (See Figure 4). This will hold the latch open for the rest of the installation steps.

In case you moved the J spring during the “snap in,” push it to the back wall of the barrel before proceeding.



Figure 4



Figure 5

The second spring to install is the 3 spring. Position it in your workspace as Calvin has in Figure 5. Here Calvin is showing you the way the spring will go into the latch mechanism. The two spring arms are placed in the areas painted red.

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**Calvin's Thumb Saver Tip:** Be sure to have the "hook arm" of the latching mechanism pushed closed all the way to maximize the distance between the two retaining areas painted in red.

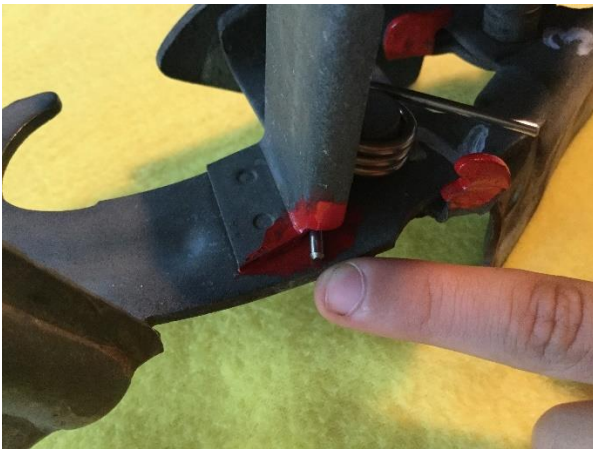


Figure 6

Lift the 3 spring from your workspace maintaining its current orientation (Don't flip it over). Place the 3 spring over the barrel and slip the left arm into the groove as shown in Figure 6.

**Remember the Thumb Saver Tip!**

Then, push the right side of the 3 spring with your thumb and snap it into the arm painted red in the designated groove. Calvin shows this in Figures 7 and 8.



Figure 7

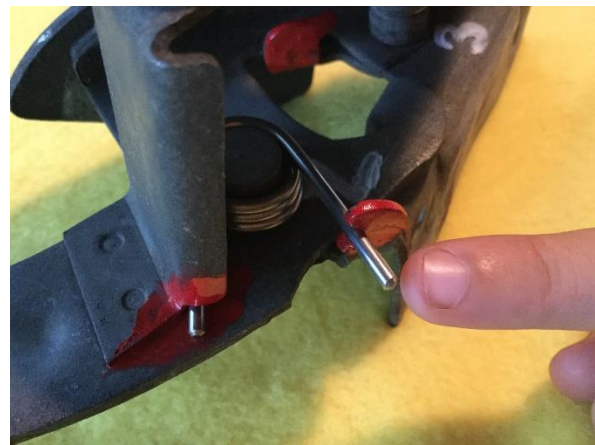


Figure 8

Finally, we now install the d spring. Calvin highly suggests following the Thumb Saver Tip for the d spring!



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**Calvin's Thumb Saver Tip:** This tip minimizes the amount of force that will be needed to lock this last spring in place. In Figures 9a, 9b and 9c you want to put the ends we highlighted in white paint together. For this to happen, you need to allow the latch to pass under the steel lip. Figure 9a shows the moving of the latch to allow space for it to pass under. Figure 9b shows that when the white tabs touch each other that is as far as the latch as far as it can go. Figure 9c shows that the latch piece had the space to tuck under the plate.



Figure 9a



Figure 9b



Figure 9c

Now let's get the d spring ready for installation. Place one arm of the spring in the red tab slot on the left and slip the d spring over the barrel as shown in Figure 10. Then put slight pressure on the right arm of the spring and slip it over the tab and snap it into place as shown in Figure 11.

Remember to use **Calvin's Thumb Saver Tip** above to ease the pressure needed to snap in the spring arm.



Figure 10



Figure 11



You did it!