



## Perfect-Straw™ Hacks

## HACK #4

*Info*

### CAIG Perfect-Straw™ Hacks.

### Bench Foot Activated System for DeoxIT® Sprays

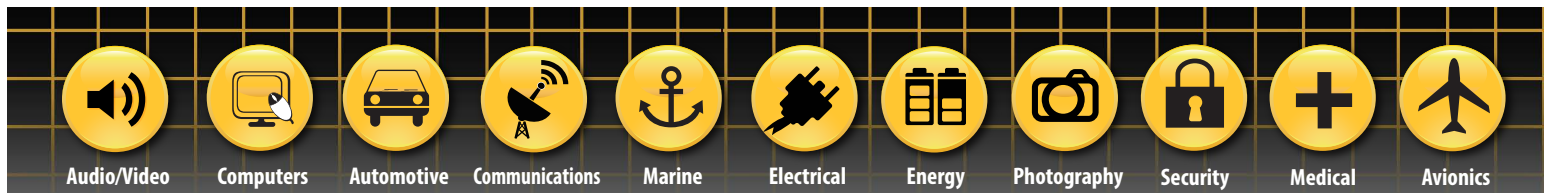
### #4 HACK - Hands-Free Spray Activation & Precision Control

#### A) What you need:

1. Any DeoxIT® Spray with the Perfect-Straw™ : <http://caig.com/>
2. Stand: <https://goo.gl/XmVBMn>
3. Clamp: <https://goo.gl/shNd6g>
4. Solenoid:  
McMaster-Carr: <https://www.mcmaster.com/#7723k13/=1cctn85>  
Search Part Number: 7723k13
5. Collar:  
McMaster-Carr: <https://www.mcmaster.com/#9414t5/=1cctkw2>  
Search Part Number: 9414t5
6. Foot Switch:  
McMaster-Carr: <https://www.mcmaster.com/#7516k21/=1cctnm4>  
Search Part Number: 7516k21
7. 24" Extension Tube (Part No. CL-EXT-24): <http://store.caig.com/s.nl/it.A/id.3165/f>
8. Swabs: <http://store.caig.com/s.nl/it.A/id.2539/.f?sc=2&category=206>
9. Tips: <http://store.caig.com/s.nl/it.A/id.1527/f>
10. Feet (4 each): For keeping spray can stationary on platform.
11. Wire and Plug: Three pole terminal block optional.

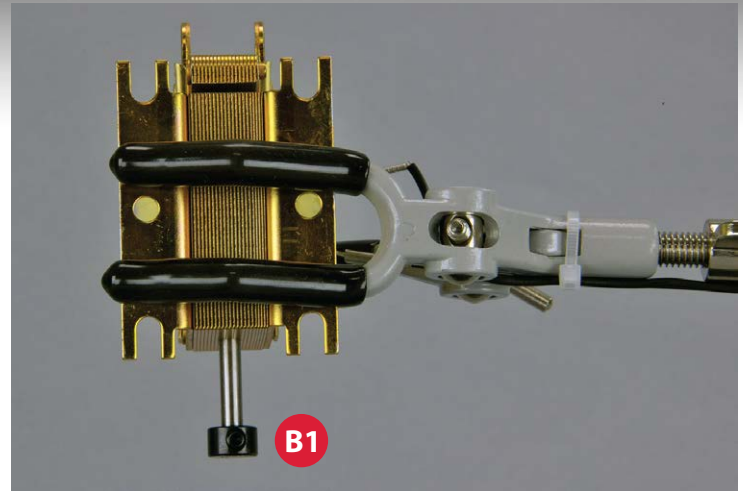


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Environmentally-Safer Contact Cleaners and  
Connector Enhancing Treatments  
Made in USA



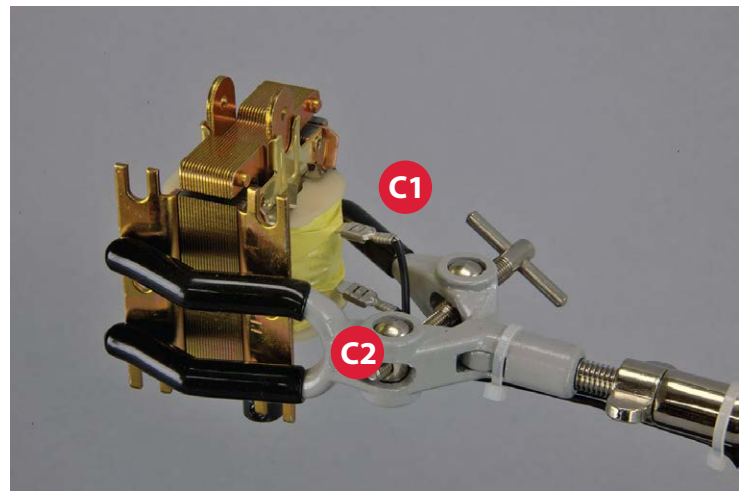
## B) Mount the Collar:

1. Attach collar **(B1)** to the bottom of the Solenoid Shaft.



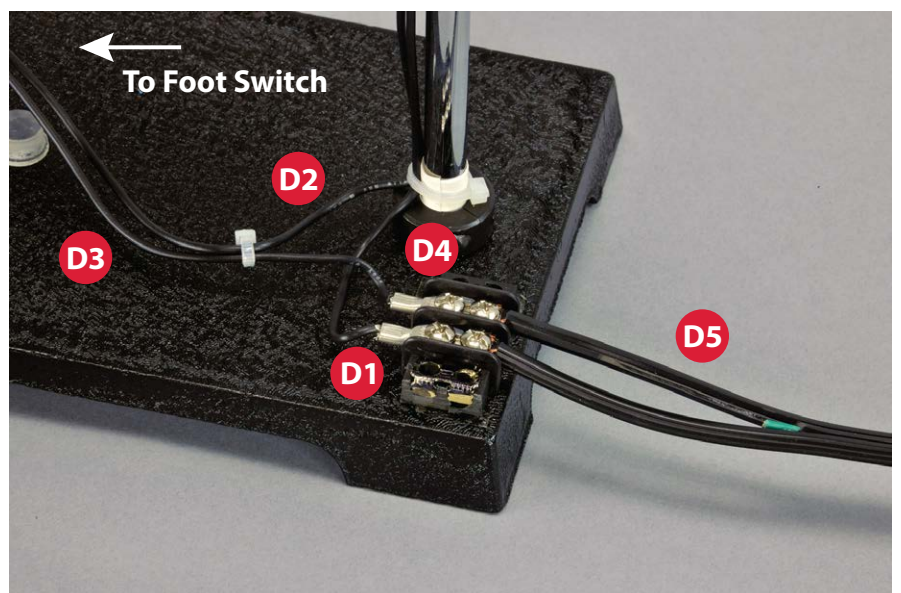
## C) Mount Solenoid and Run Wires:

- 1a. Attach Solenoid with clamp.
- 1b. Attach wires **(C1 and C2)**. ONE long enough to reach foot pedal, and the SECOND long enough to reach terminal block.



## D) Wire the Solenoid and Switch:

- 1a. Run one wire from one side of the solenoid **(C1)** to one side of the terminal block **(D1)**.
- 1b. Run a second wire from other side of the solenoid **(C2)** to one side of the Foot Switch **(D2)**.
- 1c. Run the other wire from Foot Switch **(D3)** to the other side of the terminal block **(D4)**.
- 1d. Connect the Power Cord **(D5)** to the other side of the terminal block - *Make sure you use a three prong grounded cord/ plug and attach a ground lug to the platform base.*





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## E) Position the Solenoid and Spray Can Valve:

- 1a. As a STARTING point, adjust height of the clamp so that the collar in the “relaxed - down position” is at approximately 5 - 3/8” (E1) from the platform base.

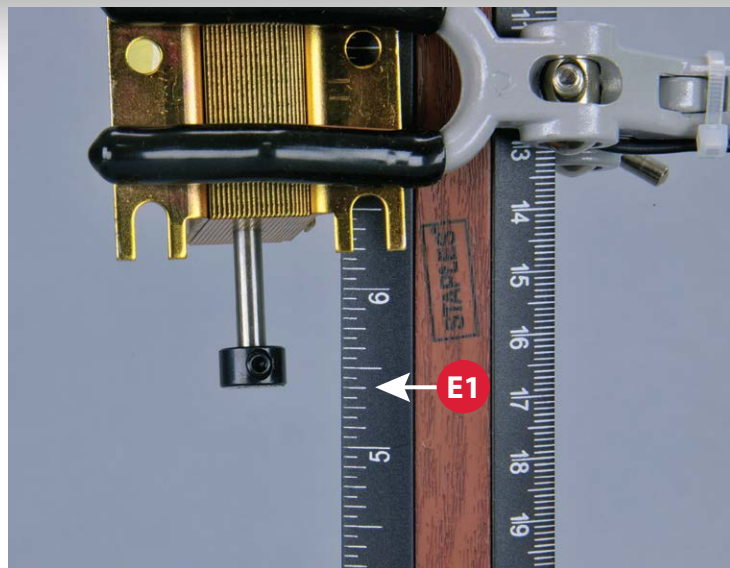
**NOTE:** This is just an estimate - you want enough pressure to activate the spray valve, NOT too much pressure (E2) to break the black plastic on the actuator. Recommend placing the collar a bit higher, then lower slightly until you get the desired pressure.

For Help or Additional Information, email us at:



<http://caig.com/shortcodes/contact-forms/>

View the Video of HACK #4 at:  
<http://caig.com/hacks/>



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