

- f. Lift the right (output) end of the launch tube from its support, and then slide the tube toward the right to free the breech end from its support bracket.

**NOTE: The new launch tube will have a safety plug installed at one end and a short electrical harness exiting the breech end.**

- g. Install the new launch tube with the breech end toward the left, and the plug end toward the right.

**NOTE: Make sure that the breech end of the launch tube is seated firmly into the holder and the wires are not pinched. Be careful to make sure the retention strap is not trapped below the launch tube.**

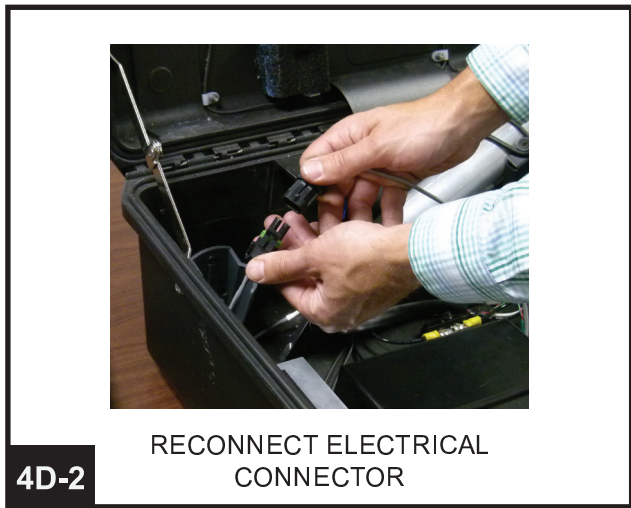
- h. Attach the anchor strap around the launch tube by carefully placing the open loop of the strap around the retention button. Make sure that the strap is routed over the launch tube.
- i. Connect the electrical connector coming from the controller in the NightHawk™ case to the connector on the short harness coming from the breech end of the launch tube (fig. 4D-1).
- j. Remove the safety plug from the end of the launch tube.
- k. Attach the loop at the end of the drogue strap to the supplied clip at the end of the

nylon sleeve containing the Stop Sticks® (fig 4D-2).

- l. The launch tube will have a string. Remove the tape securing the string and gently extend the string approximately two (2) feet.
- m. Insert the drogue into the launch tube and push it down into the tube as far as possible (fig 4D-3). Only the tether portion should extend from the open end of the launch tube. At this point, you should have the tether and the string hanging from the end of the launch tube.
- n. Attach the tether and the string to the loop at the end of the nylon sleeve using the supplied clip.
- o. Make sure that both the tether and string are routed neatly to avoid being caught on any system components during deployment.
- p. Replace the hand-held remote in the case.
- q. Ensure all people are clear down range.

**NOTE: Each hand-held remote is coded to work with a specific NightHawk™ unit. Do not switch remotes between units or they will not operate!**

**NOTE: If the status LED does not illuminate green refer to paragraph 4-5 and reset the controller.**



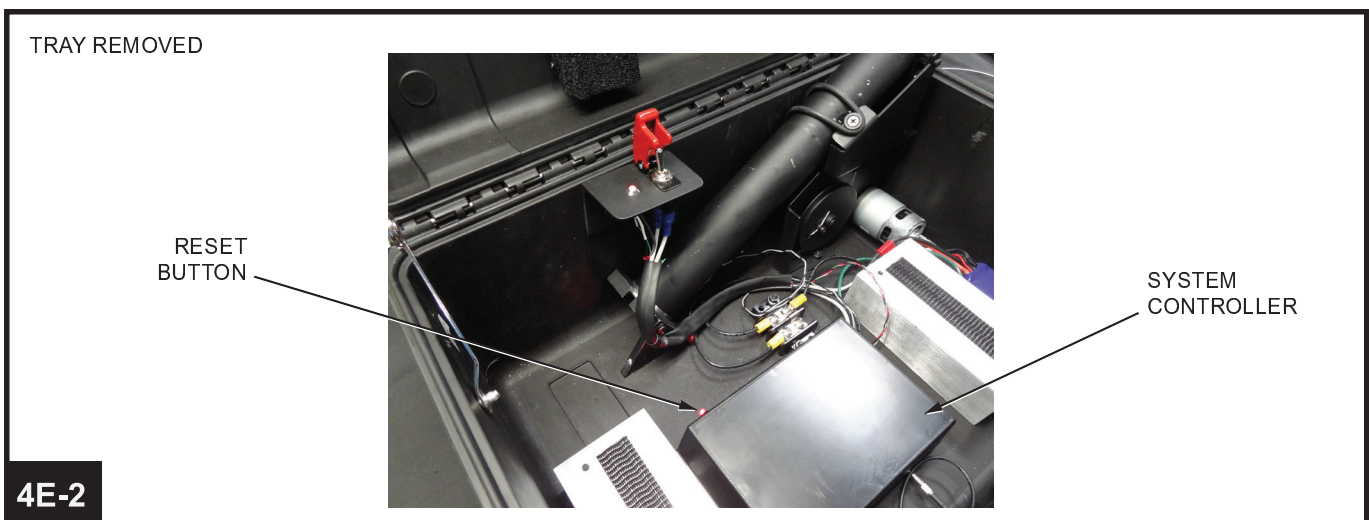
**Figure 4D. Launch Tube Replacement**

## 4-5. System Reset

Each time the NightHawk™ unit is deployed, the system must be reset. Follow these steps to reset the system.

- a. Remove the tray (which may or may not include loaded StopSticks®) by pulling firmly on the tray while holding down the outer case (fig. 4E-1).
- b. Set the power switch to the ON position. The status LED will be **RED**, indicating the system is not ready for deployment.
- c. Locate the system controller in the bottom of the case. On the controller locate the reset button. It should be illuminated **RED** (fig. 4E-2).
- d. Press the reset button, then set the power switch to the OFF position.
- e. Set the power switch back to the ON position. The system status light should be **GREEN**, indicating that the unit is charged and ready for deployment.
- f. Close and latch the case lid.

**NOTE: NOTE:** If the system status light remains **RED**, repeat steps 4-5 b-d, if status remains **RED** then check battery (refer to section 2-5.1.)



**Figure 4E. System Reset**

***For more Information...***

For more information regarding NightHawk™, please contact us at:

***StopTech, Ltd.***

365 Industrial Dr.  
Harrison, OH 45030 USA

Phone: (800) 537 0102 / (513) 202 5500

Fax: 513 202 0240

[www.stopstick.com](http://www.stopstick.com)