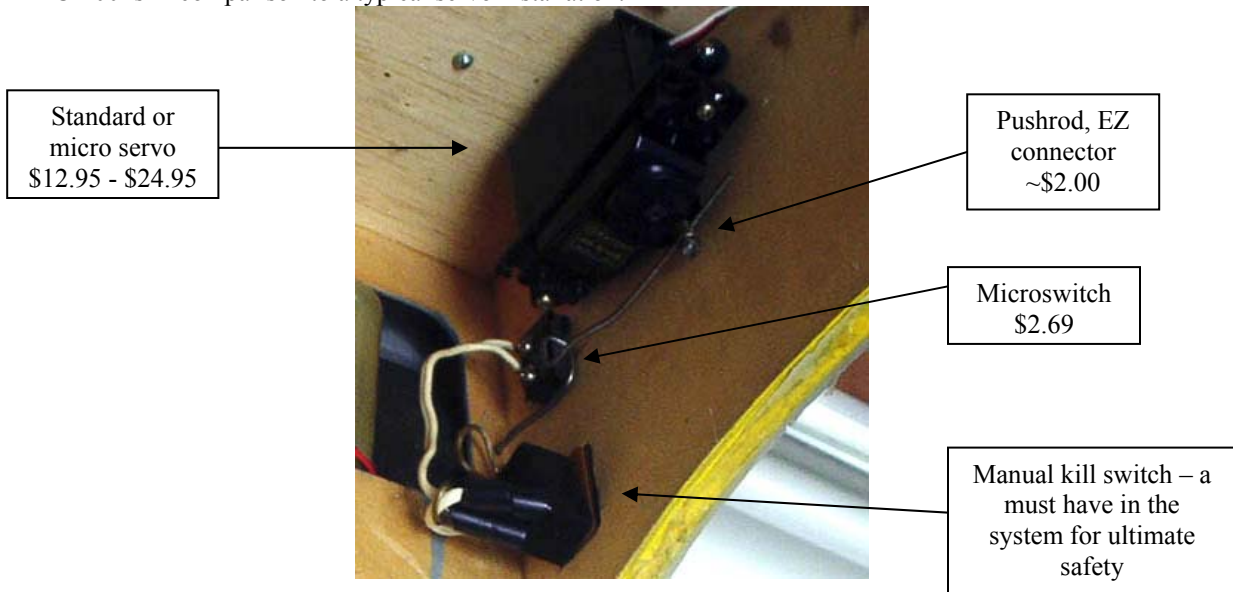


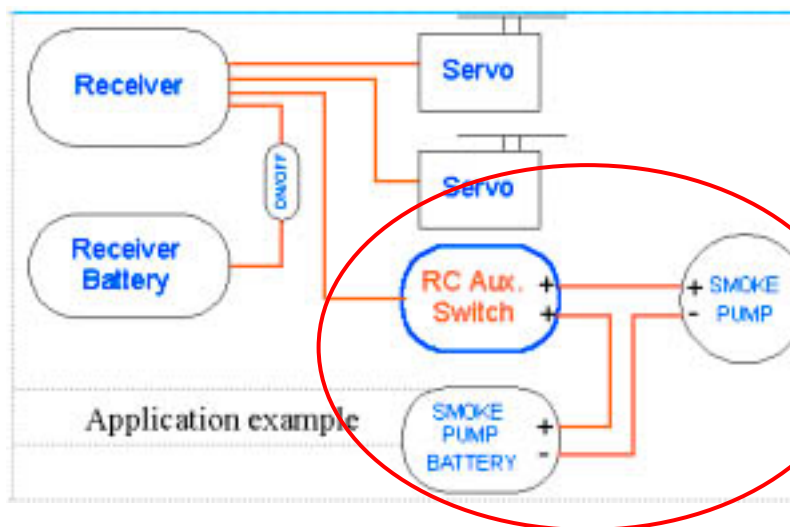
## RPI RC-100 Example Installation

For years, many have installed a standard or micro-sized servo, a switch of some sort and a linkage to control their ignition, magneto, or electronic device from the ease of their transmitter. With the RPI RC-100 Electronic Switch, it is very simple & cost-effective to operate electronics onboard your aircraft, without the hassle of installing a servo, linkage and switch.

In this paper, we are going to look at the example of utilizing the RPI RC-100 electronic switch to act as a kill switch from the control of your transmitter. By comparison, we will show you how small in size the RC-100 is in comparison to a typical servo installation.



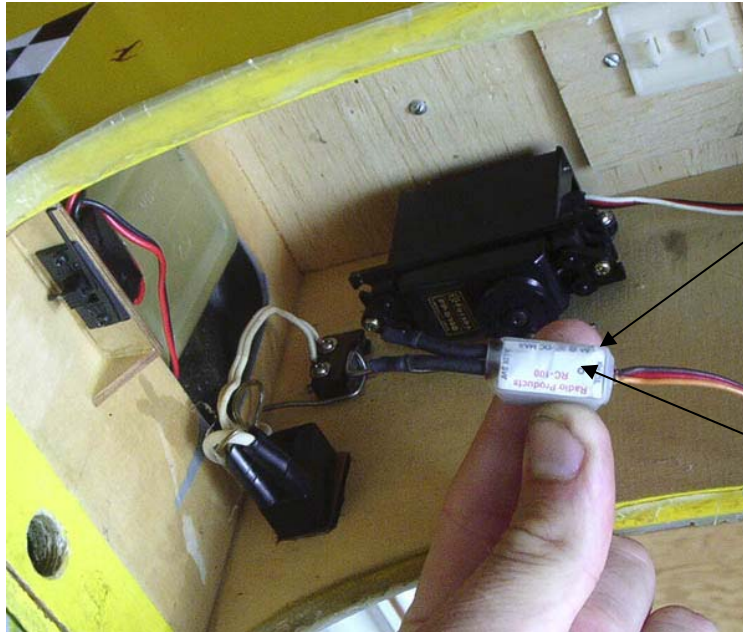
*Before we show you a more compact solution to this ignition kill setup, let's look at a block diagram of the RC-100 in use.*



Notice that the RC-100 simply inserts into the line that is desired to be turned on and off. This case shows a smoke pump and its associated battery being interrupted by the RC-100. Many other uses are possible!

## *Solution with the RC-100*

Notice the RC-100 pictured between the fingers of the holder. It's compact and simple to install. No servo, linkage, or microswitches to mount!



RPI RC-100  
Electronic  
switch

Green LED  
onboard the RC-  
100 will indicate  
that the circuit is  
closed and the  
line LIVE.

The solution to this example is to simply remove the servo, its associated linkage, and the microswitch. The two white wires on the microswitch are then connected to the RPI-100 and it serves the purpose of the servo and microswitch in a much more compact role!

*For more information, visit  
[www.rcatsystems.com](http://www.rcatsystems.com) for details*