

## **RaCon Series II Tech Update**

### Troubleshooting and replacement

November 02, 2006

There has been some confusion on the troubleshooting and replacement of the RaCon Series II radio controller. This problem being that both the transmitter and receiver being replaced when the only defect found is in the transmitter. Below you will find detailed instructions on how to determine if your transmitter is defective.

### **1. Resetting power and activating the transmitter (radio)**

Be sure to have a fully charged battery installed. Press the E-stop, and rotate the power switch counter clockwise (the off position) as shown in figure 1.1. Then to activate this unit you must first turn the power switch clockwise (the on position) then pull the e-stop. If you do not do turn the power switch on before pulling the e-stop the unit will not become active. The light on the transmitter will blink orange, green, then off. Press the start/horn button (sometimes it will need to be pressed a few times to activate). The indicator light will then illuminate green as shown figure 1.2. If the transmitter light does not illuminate you have a defective transmitter.



Figure 1.1



Figure 1.2

### **2. Replacing the Transmitter**

Before sending the defective transmitter to the R&M factory in Springfield you must remove the E-prom located in the back held in place by 2 screws and also remove the battery.

### **3. Replacing Transmitter and Receiver**

In some rare cases the receiver may be defective. In this case you must send back the transmitter, receiver, two batteries, and the battery charger. **The warranty will not be processed until all parts are received.**

#### 4. Removing the e-prom

Before returning the transmitter you must remove the e-prom from the transmitter to be installed into the new unit. First locate the e-prom on the back of the transmitter (Figure 4.1). Remove the two screws and gently pry with a small size screwdriver (Figure 4.2). Place the e-prom somewhere safe since the new transmitter will not be able to communicate with your existing receiver without it.



Figure 4.1



Figure 4.2