

**Response Trigger kit  
Installation Instructions:**

# TIPPMANN

**PNEUMATICS, INC.**

**Parts Provided in kit:**  
1-Cylinder Assembly  
1-Flow Control Assembly  
1-Power Tube  
1-Tube Sealant  
1-Shut Off Plug  
1-replacement sear spring

The response trigger is a drop-in kit for the 98 Custom. With the use of excess gas, the system increases trigger speed. The excess gas operates a piston, which in turn resets the trigger to the unfired position. The pressure of your finger on the trigger, pulls it back to fire the next shot. The speed can be changed by adjusting the knurled knob on the flow control.

**WARNING:** Insure that all power sources are removed before disassembly.



\*parts shown, are not to scale

**Step 1.** Disassemble marker as instructed in manual, and remove valve assembly.

**Step 2.** Remove the gas line from the valve and the valve from the power tube.

**Step 3.** Place valve in the new power tube provided in the kit.

**Step 4.** Install gas line in the valve. (Use sealant provided to seal gas line threads to the valve.)

**Step 5.** knock out the disk in the right side of the gun body, using a small punch and hammer.

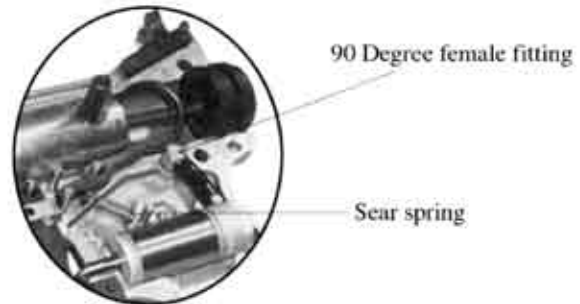


**Step 6.** Place valve assembly into the right side body and install screws. \*Apply lock tight to screws before assembly. (Care should be taken not to strip the threads in the valve body.)

**Step 7.** Install flow control assembly by threading the universal 90 degree fitting into the power tube.

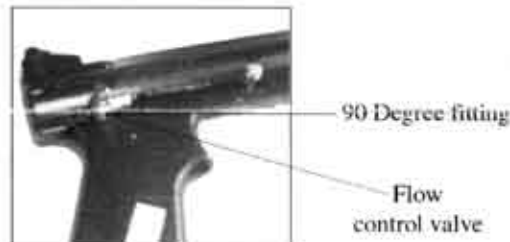


**Step 8.** Place the cylinder assembly into the body of the gun. Press the 90 degree female fitting through the hole made when the disk was punched out. The cylinder should fit into the slot in the receiver shown below.



**Step 9.** Replace sear spring with stronger sear spring provided in kit.

**Step 10.** Thread the flow control valve into the 90 degree fitting and tighten. \*Be sure not to over tighten.



**Step 11.** Install left receiver half.

**Tuning the marker:**

Attach a full air source and insure that no paintballs are in the marker. Now test fire the marker by lightly pulling on the trigger. To vary the rate of fire, adjust the flow control valve on the right hand side of the gun. (Counter clockwise to increase rate of fire, clockwise to decrease.)

**Note:** To disable the Response System, remove the universal 90 degree fitting shown in step 7, and replace with the shut off plug shown at the top of this page.