



Pigeon Trap Radio release Conversion



EYE PROTECTION MUST BE WORN WHEN WORKING ON OR AROUND A CLAY TARGET LAUNCHER AS SHARP PIECES OF CLAY MAY BE EJECTED DURING NORMAL USE.

WARNING

Clay target launchers can be dangerous and must be treated with great care at all times to avoid accidents.

Never place any bodily part into the path of any mechanical piece whilst the machine is in motion or likely to be so.

You must treat a clay target launcher with the same caution that you would treat a loaded gun.

Assume at all times that a clay target launcher is armed and loaded and treat it accordingly

Warning:

Read and understand this document in full before undertaking this modification.



Never approach the machine from the front or sides, Do not assume the trap is safe, even without electrical power it may still be armed and can fire without power being applied.

Tools required.

Pliers and/or small adjustable spanner/wrench.

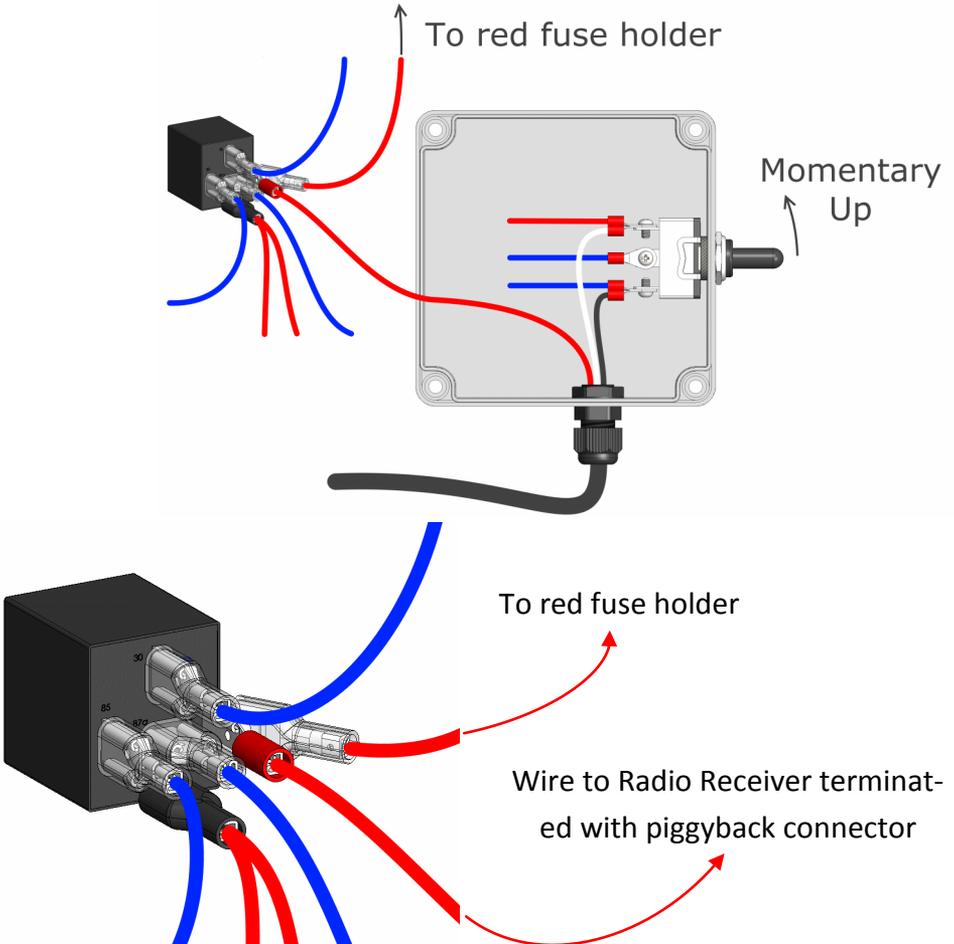
Small crosshead screwdriver.

RADIO CONVERSION PROCEDURE

1. Disarm the machine by flicking the **ARM/DISARM** switch upwards towards the **DISARM** position and immediately releasing (long enough for the trap to fire, but not giving the machine a chance to rearm). The throwing arm should be pointing outwards from the front of the machine. Ensure the **ARM/DISARM** switch is in the OFF position.
2. Disconnect the power source from the machine.
3. Remove the 4 screws holding the electric box cover and remove the cover.
4. The 2 core cable from the foot switch into the electrical box will need to be removed. Loosen the nut holding the switch slightly and rotate the top of the switch towards you to allow removal of the screw holding the white wire. Rotate the bottom of the switch towards you and remove the black wire. Notice that the white wire goes to the top of the switch and the black wire goes to the bottom. **Do not remove the central blue wire.**
5. Remove the footswitch cable and the white cable gland from the electric box.
6. Locate the cable gland on the radio cable and remove the fixing nut from the cable assembly.
7. Pass the cable through the electric box, replace the gland nut and tighten.
8. Replace the white and black wires in the same place as they were removed ensuring that the red wire and the white wire are together and that the blue wire and black wire are together.
9. Retighten the switch ensuring it is in the vertical position with both the red wire and white wire to the top and the blue wire and the black wire to the bottom. The momentary action or NUDGE should be upwards with the permanent or ON action downwards.

10. The red wire has a 'piggyback' connector attached. Locate the 5 pin relay (black 25mm cube). Remove the SINGLE red wire from it and attach it to the piggyback terminal on the radio wire. Attach the piggyback terminal to the relay in the place were the single red wire was disconnected from.
11. Carefully reassemble the electric box taking care not to pinch the wires between the box and the lid. Do not overtighten the screws.

Your trap is now ready for use. Connect the power and move the **ARM/DISARM** switch down to the **ARM** position. The machine will load a clay and arm ready to launch a clay. Pressing the **FIRE** button on the fob will launch a clay. The machine will re-arm every time the fire button is pressed until disarmed and switched off.



Every effort has been made to ensure that the information contained within this manual is complete, accurate and up-to-date. Promatic International assumes no responsibility for errors beyond its control.



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