

# **INSTALLATION OF THE TRAP MACHINE AND PUMP**

1. Place the trap machine in the trap house with the front of the machine as close as possible to the front wall. The platform which the trap machine sits on must be level. See Diagram 2. If necessary, the turret may be removed from the machine to place the trap into the house. Please refer to the directions below.

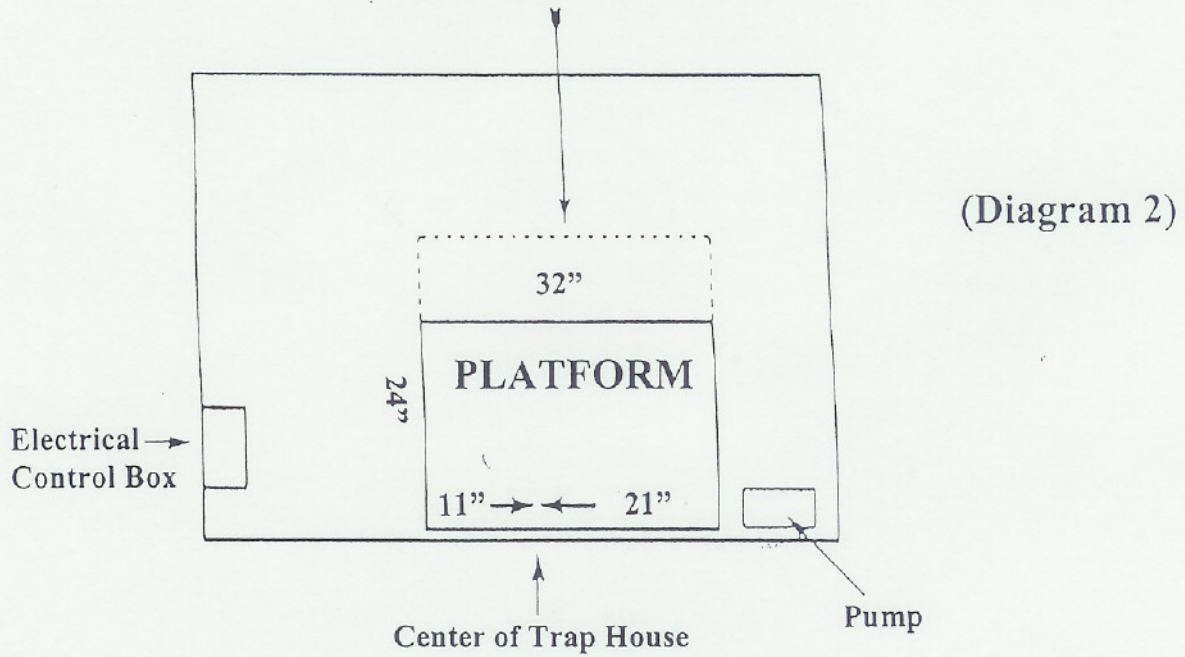
2. The trap is to be set *off center* of the trap house. See Diagram 2

Measure and mark the center of the trap house. The front of the base is marked with a scratched line at 10" in from the left – facing the front of the machine. Set the machine so that this line is now at the center of the trap house. The base of the trap machine should be set at 41" minimum from the ceiling; however, a setting of approximately 43" is best for loading targets.

3. Holes are provided in the corners of the base to screw down/secure your machine.
4. The pump reservoir is filled at the factory.
5. Place the pump on the floor – on the left side of the trap house. See Diagram 2
6. If not already connected, connect the quick release fittings from the hydraulic hoses to the front of the trap machine; slide back the outer sleeve of the female fitting while pushing onto the male fitting. Allow the female sleeve to slide forward to lock. Gently tug on the connections to check that they are securely fastened. See Diagram 5
7. To hold the hydraulic hoses in position, clamp to the rear side of the machine approximately 3 feet (of hose) from the quick release fittings. Hoses must be positioned so they do not rub against each other (or the wall of the trap house) when oscillating. See Diagram 6

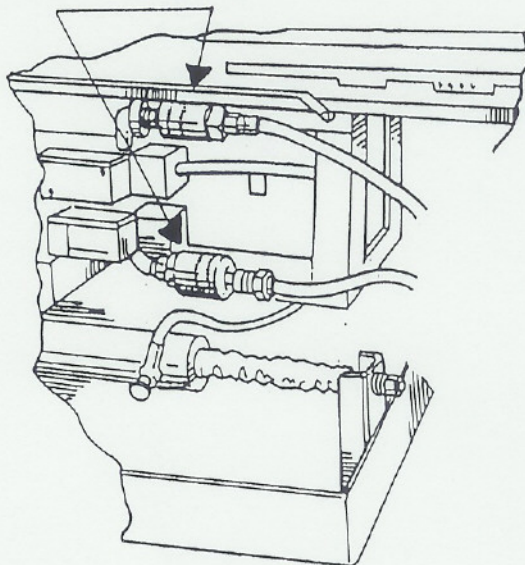


The platform can be extended back if you want a place to set targets of tools.

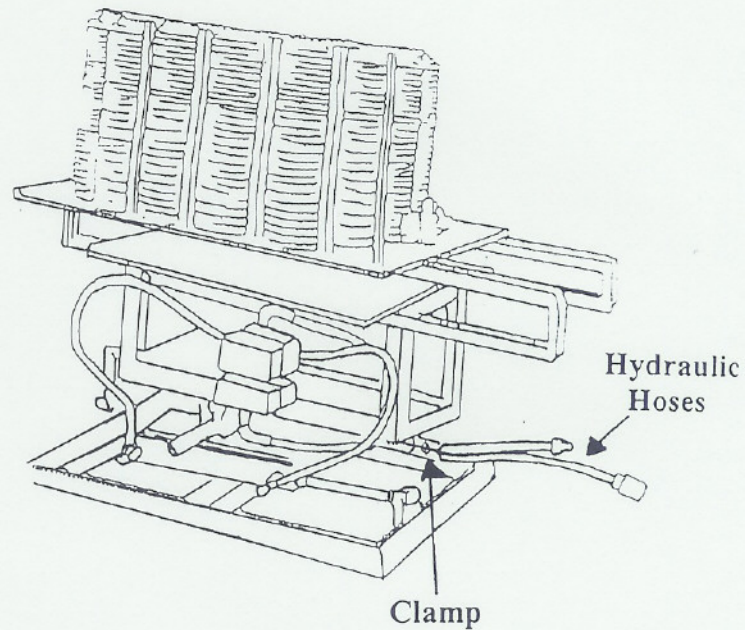


(Diagram 99)

Quick Release Fittings  
Hydraulic Male/Female Couplings  
and O-Ring for Coupling



(Front)

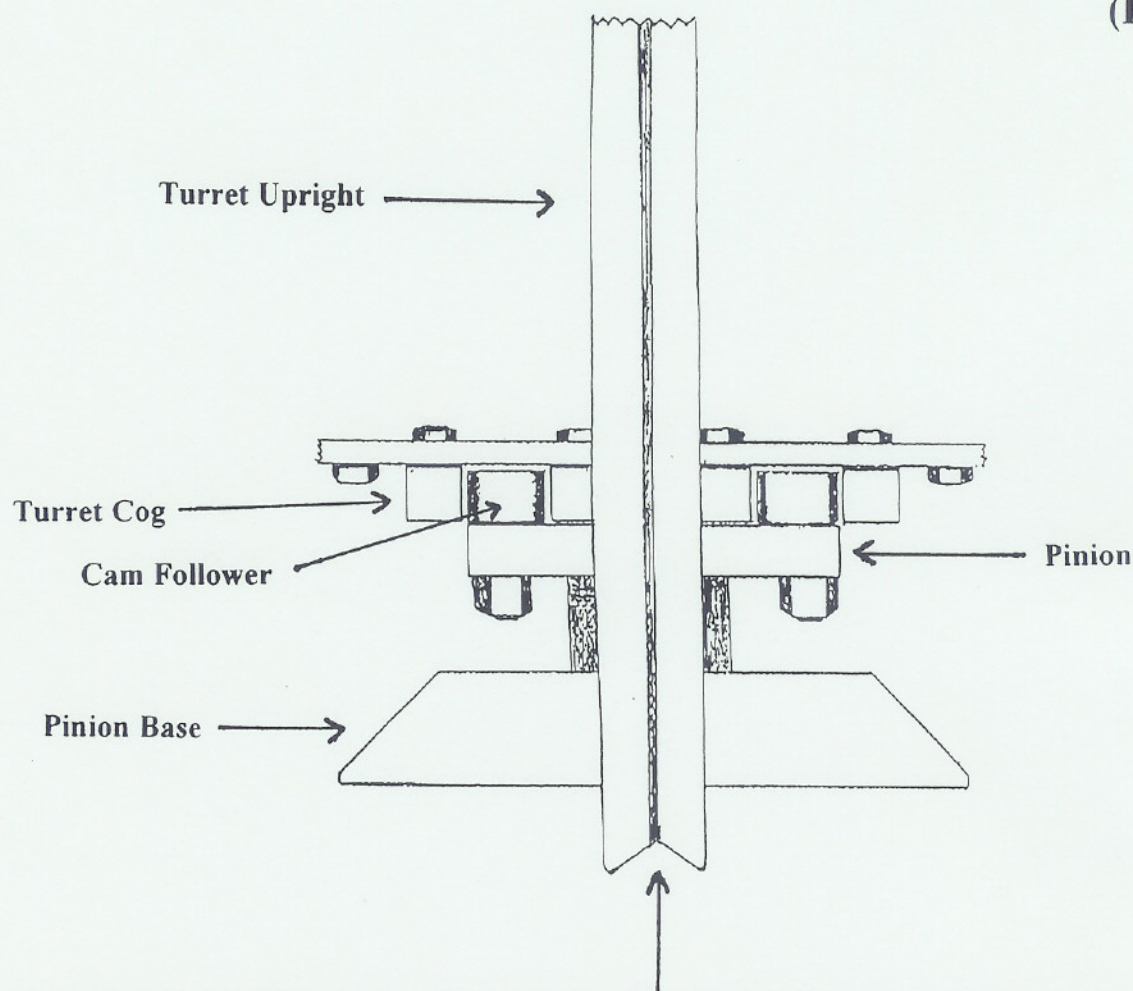


(Diagram 94)

## REPLACEMENT OF THE TURRET

**WARNING:** To prevent damage to your machine the turret must be replaced the same way as it was removed.

(Diagram 42)



*Be aware that the turret upright will be aligned with the center of the pinion when the pair of cam followers are meshed with a pair of cogs*

1. Observe how the cogs are meshed with the cam followers: i.e., the pair of cam followers have to mesh with a pair of cogs.
2. Two people, one on each side of the machine, must lift evenly to remove the turret. Place the machine inside the trap house. Replace the turret in the same way that it was removed.



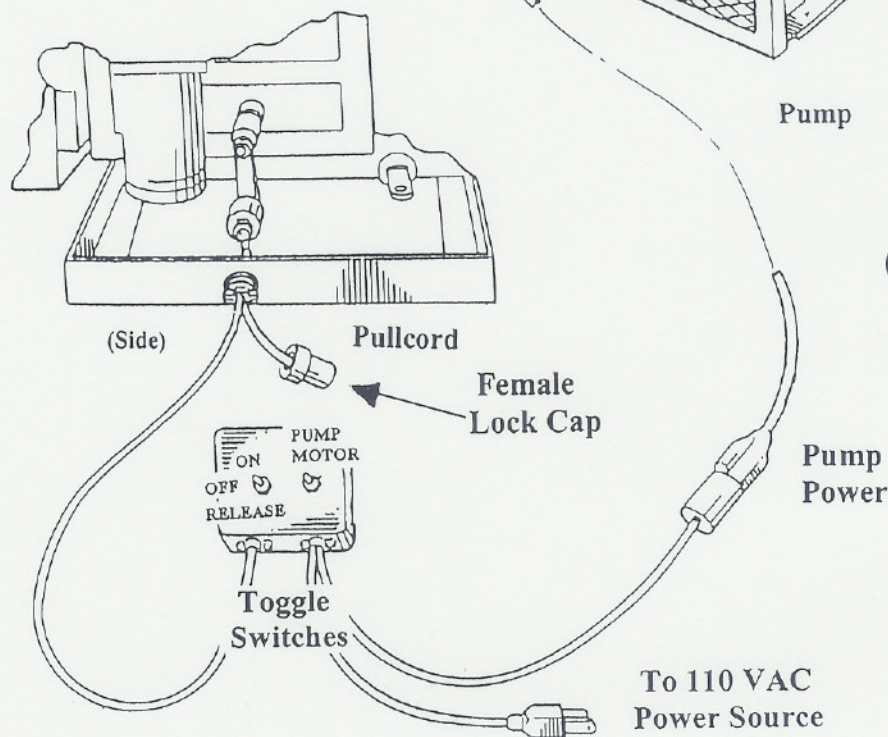
## **MOUNTING THE POWER CONTROL BOX**

Mount the power control box just inside the trap house on the right wall near the ceiling of the trap house. This should be the side of the trap where personnel enter/exit the trap house. The power control box should be easily accessible so that it can be operated by placing your hand around the corner of the wall and not exposing your body to the front of the trap machine. The power control box will also be accessible to trap personnel when setting the machine for Doubles. Proper location of the control box is important to insure safety. *Remember:* Never stand in front of a trap machine without having first released the target. See Diagram 2

## **CONNECTING THE TRAP TO THE POWER SOURCE**

1. Check the power control box to confirm that the *motor* and the *on/off/release* switches are in the OFF position. When both toggle switches are snapped downward they are in the off position. See Diagram 3
2. Connect the pump to the power control box by plugging the pump motor into the outlet coming from the power control box. See Diagram 4
3. The trap machine uses 110 volt AC power. Connect the trap machine to the power source using the plug from the power control box.
4. Connect the pullcord to the machine. The pullcord must have a male Bryant adapter (Winchester type pullcord). See Diagram 3

(Diagram 3)



(Diagram 4)

The platform can be extended back if you want a place to set targets or tools.

(Diagram 2)

