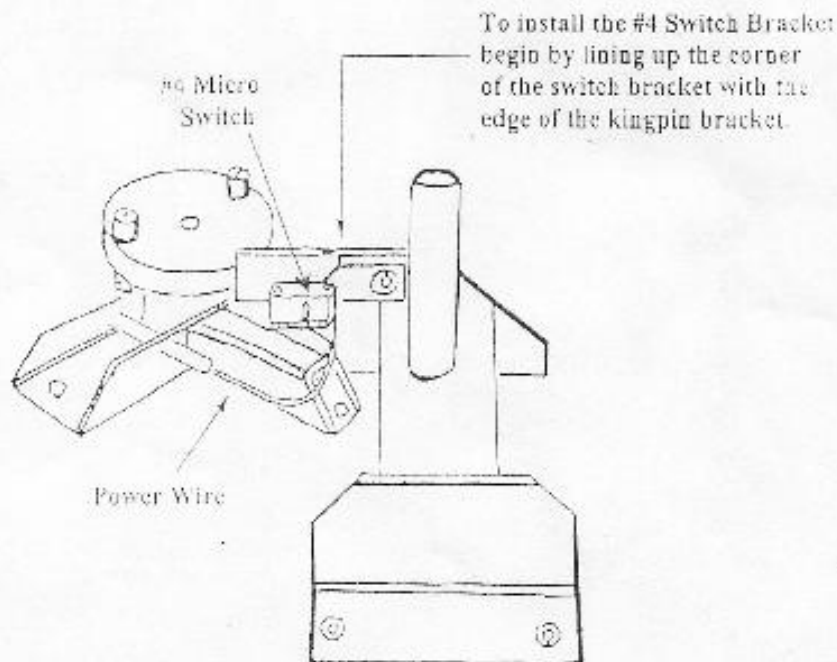


INSTALLING PLASTIC PINION BACKSTOP, SPRING and #4 SWITCH BRACKET (#4 Micro Switch Style)

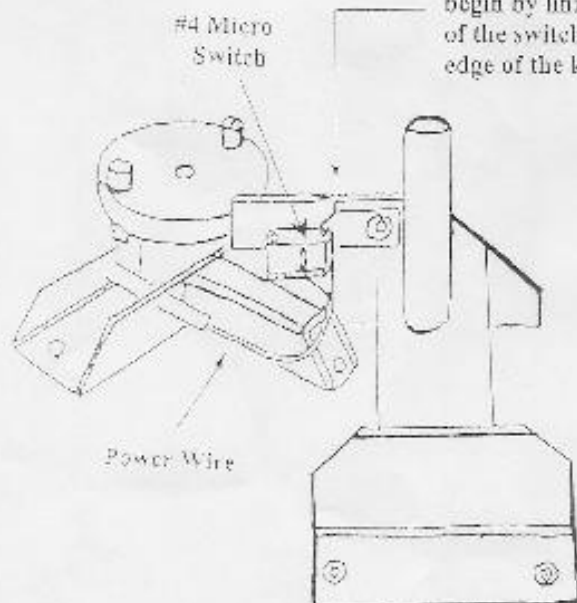
1. Remove the turret being careful not to loose the spacer washer between the kingpin base and the turret (most traps do not have a spacer washer).
2. Using the $\frac{1}{4}$ - 25 x 1-1/8" bolt, install the backing, plastic and spring on to the kingpin base. See Diagram 72. To "time the turret" properly, use a combination square so that the pinion wheel's cam followers are up against the square and are at a 90 degree angle, at 1 3/8" from the kingpin. See Diagram 69. Now, slide the plastic all the way into the notch. Tighten the bolt.
3. Place the switch bracket on the kingpin base with the washer and nut. See Diagrams 72 and 73. Use two 7/16" wrenches to tighten the nut, hold the head of the bolt so that the bolt doesn't spin when tightening the nut.



(Diagram 73)

ADJUSTING THE #4 SWITCH (#4 Micro Switch Style)

To install the #4 Switch Bracket begin by lining up the corner of the switch bracket with the edge of the kingpin bracket.



(Diagram 73)

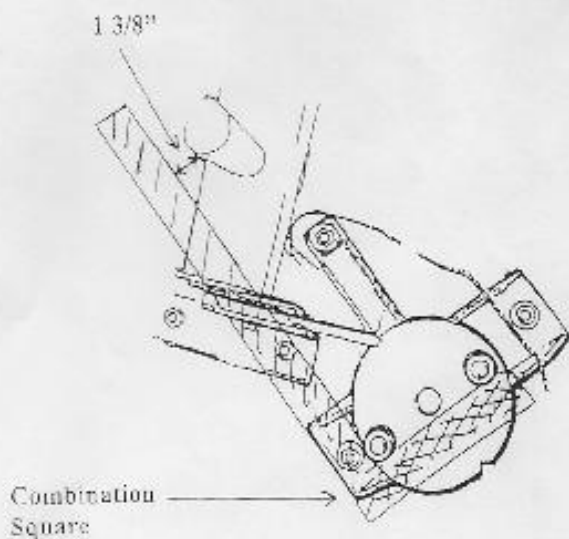


(Diagram 26)

Turn the power off to the machine. Disconnect the power wires to the roller switch. Use an ohm meter (or continuity tester) to check when the switch is activated. Rotate the pinion wheel by turning the clutch by hand. The gap between the end of the plastic and the notch in the pinion wheel must be 1/8" when the switch is activated (when the switch closes). Use a 1/8" hex key as a feeler gauge to set the gap. See Diagram 26.

The bracket can be bent with a pair of channel lock pliers. Bend IN toward the flat spring to close the gap. See Diagram 72. Bend AWAY from the flat spring to open gap.

NOTE: You can hear this switch "click" when it closes while setting the 1/8" gap.



(Diagram 69)



(Diagram 26)

(Diagram 72)

