INSTRUCTIONS NUMBER 1

**Instructions to install remote control.**

1. Remove payout unit from cabinet, take off fibre contact support.
2. Take off oscillating switch and oscillating slide.
3. Mark the fibre disc in relation with commutator base, see sketch B, how to mark the fibre disc and commutator base. Marking should be done, when payout sector V- is advanced two notches on payout ratchet, from reset, or starting position. When properly marked, take off the fibre disc together with sector V-, fastened to payout main shaft by 3/16 nut.
4. Remove commutator base.

**To install new parts and reassembling payout units.**

1. Install copper spring contact with 6/32 round head machine screw and lock washer, through hole marked No. 1 on commutator base, then fasten with 6/32 nut. (See sketch A).
2. Solder wires from plug to commutator base contacts (see sketch A).
3. Replace commutator base and extend wires with plug, out over the payout coil sides.
4. Assemble oscillating slide and oscillating switch.
5. Place large white fibre washer and special contact brush over payout main shaft.
6. Place fibre disc together with sector V- over main shaft; then place black fibre washer --- steel washer and steel nut before tightening this nut, set the special contact brush on No. 2 Rivet head contact (see sketch B) also the mark on fibre disc with sector V- must be set in line with the mark previously made on fibre disc and commutator base. (see sketch B for lining up these parts.) This setting should be done when the payout is advanced 2 notches on payout ratchet.
7. Tighten nut securely, and attach Black wire from plug No. 7 to Binder post No. 1 (see sketch B).
8. Replace fibre contact support, and replace payout unit into cabinet.

**Wiring of remote control box**

1. Drill two holes ⅜" Diameter into cabinet for cable attached to plug. Drill these holes just opposite of the holes already drilled in cabinet, for the power cord.
2. Insert 2 grommets through these holes.
3. Push end of a cable (the end without plug) from inside of cabinet, through the opening between the mechanism board and steel shelve of payout unit; fasten female plug to the edge of mechanism board, above the payout unit; then push the cable through two grommets and into the remote control box. Attach 2 wires to terminal block No. 3 white orange wire to E and white wire to F. (See Sketch C).
4. Wire the remote control box as follows:
   - Black wire to jumper wire; Red wire to No. 2. socket lug; Yellow wire to No. 4 socket lug; Brown wire to No. 10 socket lug; Slate wire to No. 16 socket lug; Green wire to No. 30 socket lug.
5. Check machine for payout. If machine is paying incorrect amount of coins, follow instructions, No. 2.
G. If Unit pays out more than the amount shown on odds changer:

1. Check springs on actuating and retaining pawl of payout ratchet.

2. Check retaining pawl for proper clearance, between the retaining pawl and payout ratchet notch. This checking should be done, when the payout ratchet is in reset position and the square block on ratchet is resting on set screw painted red. Make adjustment as follows:
   Move retaining pawl out of the ratchet notch, then let it in slowly to engage. If the pawl is not free to engage in to the ratchet notch, turn set screw painted red in, until pawl is engaging freely.

3. Check copper sector V- fastened together with fibre disc to main payout unit shaft, by 3/16" steel hexagon nut, as follows:
   Reset payout unit to starting position, then advance payout copper sector V- two notches on the payout ratchet, then check two plungers marked by number 2.
   These two plungers should clear the copper segment V- about 1/32" and rest only on fibre disc. If these two plungers do not have a clearance of 1/32" from the copper sector V-,
   readjust the copper sector V- as follows:
   Loosen 3/16" steel hexagon nut, turn copper segment V- together with the fibre disc to left, until the two plungers clear the copper sector V- by 1/32"; then tighten steel nut securely.

   This adjustment is very important and care should be taken not to advance the copper sector V- more than 1/32".

   If this adjustment is made and the machine pays out correctly on two plungers marked number 2, check payout on plunger marked number 30. If the machine pays out one or two coins short, make following adjustment:

   Reset payout unit to starting position, advance payout copper sector V- 30 notches on payout ratchet. Check one plunger marked number 30. This plunger should clear the copper sector V- about 1/32". If the clearance is greater than 1/32", most likely the machine will pay short.

   Loosen 2 round head machine screws, that holds the square fibre plate to which the plungers are attached.

   Shift only one end of the fibre plate (the nearest end to number 30 plunger) until plunger marked number 30 has 1/32" clearance from the copper sector V-.

   Tighten two screws securely.

   Improper adjustment of copper sector V- and fibre plate (plunger mounting plate) will cause the machine to pay too many or not enough coins. (or checks).