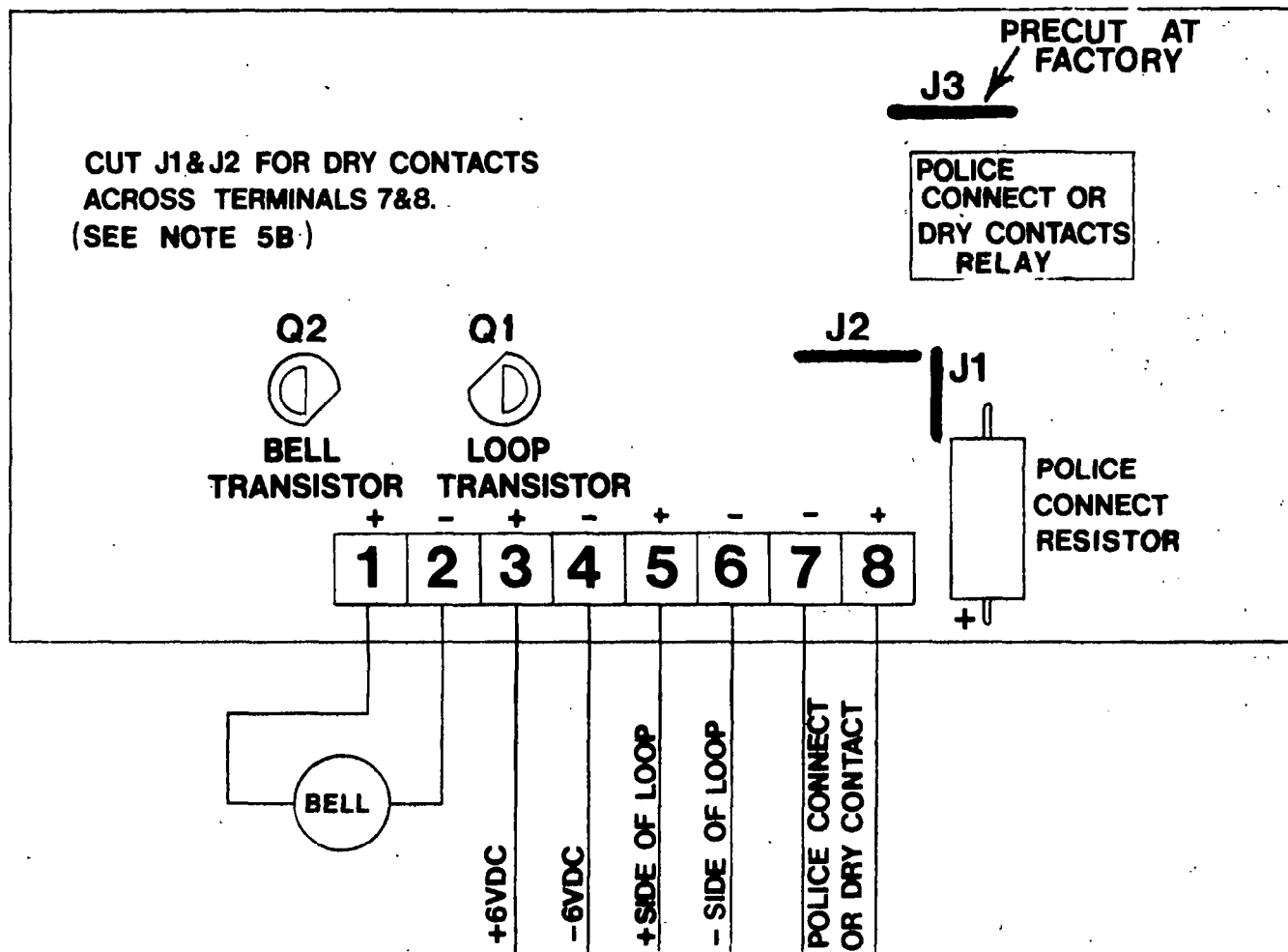


MODEL 700

INSTALLATION INSTRUCTIONS



- 1 & 2 Bell output (Terminal 1 is positive)
- 3 & 4 6 Volts DC input (Terminal 3 is positive)
- 4 & 6 Jumper when using separate bell & loop batteries
- 5 & 6 Protective loop (Terminal 5 is positive)
- 7 & 8 Police Connection - 6 volt output standard OR Dry Contact Option, see jumpers.

Two white wires are for on/off key switch.
BATTERY POLARITY MUST BE OBSERVED AS ABOVE.

Installation notes:

1. ON/OFF

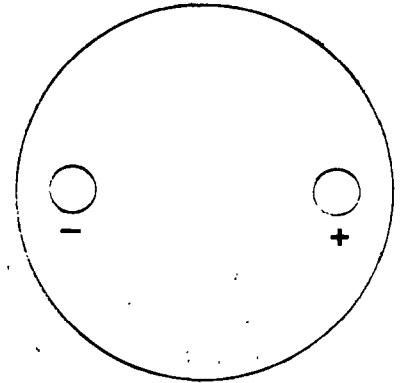
The two white wires from the control instrument are connected to a key switch. When the key switch is in the closed position, the system is set. Once the system is tripped, it is necessary to put the key in the off position to shut off the system.

REMEMBER... "WE DO WHAT THEY DON'T"

ISSUE C
DATE 10/13/77

2. METER

When using a meter, observe polarity of the meter and place in series with the protective loop. Connect a wire from terminal 5 to right terminal of meter (-). Connect protective loop between left terminal and positive of battery. Add enough batteries in series to give you desired reading. (Note: each 1½ volt battery will increase reading about 2.5 milliamps). In order to get green scale reading using #713 meter, use 2-1½ volt dry cells. If using other meter or additional reading is desired, add additional 1½ volt dry cells as required. The meter will read when the protective loop is closed, whether the systems is on or off.



BACK VIEW

3. BATTERY OPERATION

The protective circuit will operate from a 1½ volt dry cell and is not critical to loop resistance. A jumper from terminal 4 to 6 is required when using batteries only, for proper operation. Contacts and foil may be run from the positive side of end-of-line batteries back to control unit. Do not use contacts or foil in the negative side.

4. POWER SUPPLY OPERATION

When using power supply, do not use a jumper between terminals 4 & 6. This connection is built into the power supply.

5. POLICE CONNECTION

A) REVERSING VOLTAGE, to the police dept. is available on terminals 7 & 8. When reversal occurs, Neg. (-) 6 volts will appear on terminals 8 and terminal 7 will be Pos. (+) 6 volts.

B) DRY CONTACT OPTION, cut jumper J1 and J2 and connect jumper J3. 7 & 8 will now close on alarm.

CAUTION: NEVER OPERATE UNIT WITH ALL JUMPERS CONNECTED. AS STATED ABOVE, YOU MUST CUT EITHER JUMPER J3 OR JUMPERS J1 AND J2 DEPENDING UPON APPLICATION.

C) INCREASE LEASED LINE VOLTAGE, to the police dept., cut the lower lead of the police connect resistor close to the board and connect in additional batteries as required by placing the positive side of the battery to the cut portion of the resistor lead and the negative side to terminal 3.

6. BELL TEST

Should you desire to have a bell test, place a normally open switch between terminal 2 & 4. When the switch is closed, the bell will ring without tripping the alarm relay. When the switch is released, the bell will stop ringing. This will function with the system on or off.