**A**

1. Write TMK bitting.
2. Write next lower level MK bitting.
3. Write next lower level MK bitting (if present).
4. Write next lower level MK bitting (if present).
5. Write CK bitting.
6. Select Bottom Pin.
7. Select Master Pin.
8. Select Master Pin.
9. Select Master Pin.

Record Bottom and Master Pins in D below.

---

**B**

1. Write CONTROL key bitting.
2. Add (+) 10 to Control Key bitting.
3. This is your CONTROL NUMBER.
4. Add A6 thru A9; write here.
5. SUBTRACT B4 from B3. These are your BUILD-UP PINS.

Record Build-Up Pins in D below.

---

**C**

1. Total Allowable Pins.
2. Write Control Number from B3.
3. Subtract C2 from C1. These are the TOP PINS.

Record Top Pins in D below.

---

**D**

**PINNING CHART**

1. TOP PIN
2. BUILD-UP PIN
3. MASTER PIN (if present)
4. MASTER PIN (if present)
5. MASTER PIN
6. BOTTOM PIN

D1 through D6 should equal 23.