STATIC CONVERGENCE ADJUSTMENT

(Refer to Figure 2 & 3)

IMPORTANT: Before proceeding, check location of the purity/convergence magnet assembly on the neck of the CRT as shown in Figure 2. The rear edge of this assembly must be positioned 18mm from the tip of the CRT base. If not properly positioned, convergence adjustment may be difficult, it not impossible.

1. Apply dot or crosshatch pattern from Dot/Bar Generator to receiver. Reduce setting of brightness and/or contrast controls to eliminate any blooming in pattern.
2. Ratate green bias control fully CCW.
3. Observe the blue and red pattern now appering on the CRT screen. Locate the 4 pole magnet rings and separate their adjusting tabs approximately the width of one tab.
4. Rotate this pair of magnet rings as a unit (do not change spacing between tabs) to minimize the separation between the blue and red dots (lines).
5. If the blue and red dots (lines) are not completely converget at this paints, readjust the spacing between the two tabs to complete convergence of the blue and red dots (lines), thus producing magenta dots (lines).
6. If necessary, repeat steps 3,4 and 5 until proper convergence is achieved.
7. Rotate green bias control CW until proper green level is restored and observe the magenta (B/R) and green pattern now appearing on CRT screen.
8. Locate the 6 pole magnet rings and separate their adjusting tabs approximately the width of one tab.
9. Rotate this pair of magnet rings a unit (do not change spacing between tabs) to minimize the separation between the magenta (B/R) and green dots (lines).
10. If the magenta and green dots (lines) are not completely converged at this point, readjust the spacing between the two tabs to complete convergence of the magenta and green dots (lines).
11. If necessary, repeat steps 8, 9 and 10 until proper convergence is obtained. To prevent accidental misadjustment of the magnets, apply a stripe of paint across all six rings and on to the neck of the CRT.