

DYNAMIC CONVERGENCE

Dynamic convergence (convergence of the three color fields at the edges of the CRT screen) is accomplished by proper insertion and positioning of three rubber wedges between the edge of the deflection yoke and the funnel of the CRT.

This accomplished in the following manner.

1. Switch receiver ON and allow it to warm up for 10 minutes.
2. Apply crosshach pattern from Dot/Bar Generator to receiver.
Observe spacing between lines around edges of CRT screen.
3. For the misconvergence shown in Figure 4 (A), tilt down the deflection yoke and insert the wedge A between deflection yoke and CRT.
4. For the misconvergence shown in Figure 4 (B), tilt up the deflection yoke and insert the wedge B between deflection yoke and CRT.
5. For the misconvergence shown in Figure 4 (C), tilt left side of the deflection yoke and slightly insert the wedge C between deflection yoke and CRT. Then, deeply insert the wedges A and B between deflection yoke and CRT.
6. For the misconvergence shown in Figure 4 (D), tilt right side of the deflection yoke and deeply insert the wedge C between deflection yoke and CRT. Then, slightly insert and/or extract the wedges A and B between deflection yoke and CRT.
7. Alternately change spacing between, and depth of inserting of, the three wedges until proper dynamic convergence is obtained.
8. Use a strong adhesive tape to firmly secure each of the three rubber wedges to the funnel of the CRT.