

▲ Tri-color tube is easily installed by laying cabinet face down on floor, with top removed. μ -metal shield shown around CRT prevents stray magnetic fields from affecting convergence, smearing colors

◀ Setting up the receiver in the home is a big operation. Servicemen are using Scope, Color Simulator and Dot-Bar Generator. Complete job takes minimum of 2-3 hrs not including installation of antenna



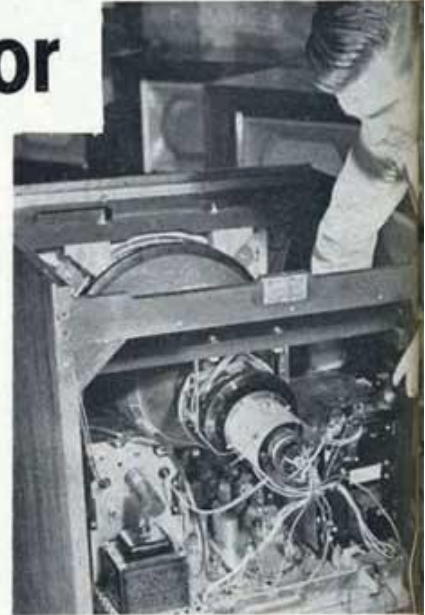
Servicing Color TV NOW

Here's how RCA technicians are handling color TV troubles

Photos taken at Midtown (NYC) branch of RCA Svc. Co. Techs are G. Monaghan, A. Martin

◀ Quick check on whether set will pass color is made by injecting signal from Color Simulator at antenna terminals. Good color eliminates set, points to faulty antenna

Convergence is seriously impaired by ▶ variations of the 2nd Anode voltage. RCA CT-100 shown employs 19.5 kv, regulated. Hi-voltage probe is a must for home servicing



▼ After four months of servicing these sets, shop techs have a word of cheer—the standard troubles, sync and supply voltages, are still most common. Color circuits give little trouble

▼ Aligning the color receiver for the full 4 MC bandwidth requires careful adjustments—and top-notch equipment. Run-down sweep generators and marker generators will need re-calibration

