

COLOR PURITY:

Degaussing: This is the simplest adjustment that can be made. The purpose is to remove any residual magnetism that may have been induced onto the picture tube bell. The magnetism of the earth is strong enough to do this whenever the set is moved. On newer sets, degaussing is done automatically each time the set is turned on. Inside such sets, a coil of wire can be seen around the picture tube near the screen. On older sets, degaussing is done externally with a degaussing coil or a soldering gun (not the pencil type). The TV may be on or off. Rotate the degaussing coil or gun around the front of the picture tube. If the color is still impure, internal adjustments must be made. *Note:* degaussing is the same as "de-magnetising" and so must be done with an a.c. electro-magnetic device such as a degaussing coil or an a.c. soldering gun. Do not use a permanent magnet!

Color Purity: Keep one hand in your pocket whenever you reach inside any TV whether it is on or off!

1. Remove TV back and connect a "cheater" cord. Turn TV on.
2. Using the Astrocade "Scribbling" game, press the WHITE color button until the screen turns red.
3. Press the Astrocade's INTENSITY button for a bright screen.
4. If the color is off in the center of the screen: adjust the purity tabs on the neck of the tube. Try turning both. If the impurity doesn't clear, adjust separately.
5. If the color is off on the fringes or corners, loosen the deflection yoke (on picture tube neck) and move it slightly up or back until the color is uniform. Retighten.

