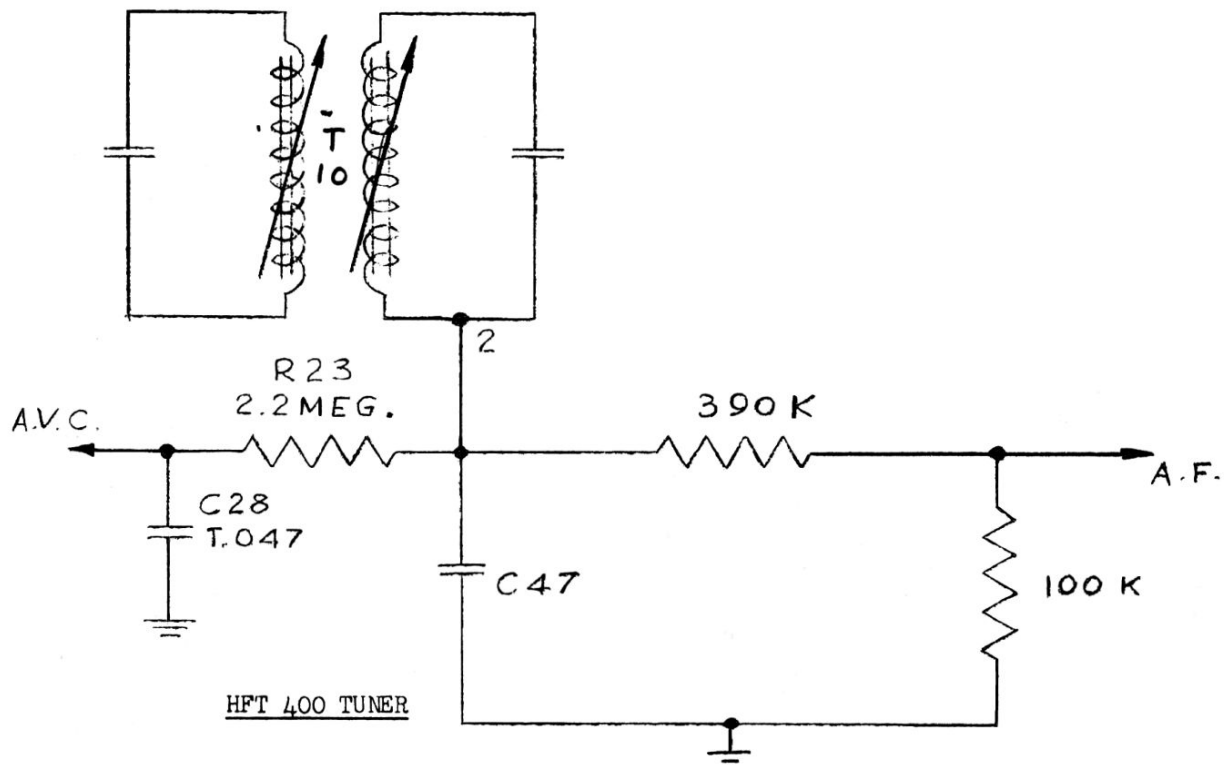


HFT-400 Service Notes



CHORALE, CANTERBURY, CLASSIC, CRESCENDO IMPERIAL

1. Frequency Drift F.M. -

Frequency drift during the warm up period on F.M. may be corrected by replacing the condenser C 13 across the oscillator coil. The replacement is a 10 mmfd NTC 150 ceramic, our part number 46-G-624-25. The oscillator alignment should be touched up after replacing the condenser. This change was incorporated in the Classic, Crescendo Imperial models.

2. A.M. Distortion on Local Stations -

- (a) Distortion may occur on peaks when a local station is using excessive levels of modulation. This condition will depend on the operation of the local station and will not be apparent in all areas. Where distortion does occur, the tuner may be modified as shown on the attached diagram. The I.F. transformers T2 and T10 should be realigned after this modification is completed. Refer to the HFT 400 service manual for circuit diagram and alignment instructions.
- (b) As an alternative, a 470K half watt resistor may be added in series with the green lead from the junction of R 22 and R 23 to the selector switch. A one lug terminal strip secured by the rear gang mounting screw should be added. Cut the green lead at the added terminal strip and connect the 470K resistor between the added strip and the selector switch.