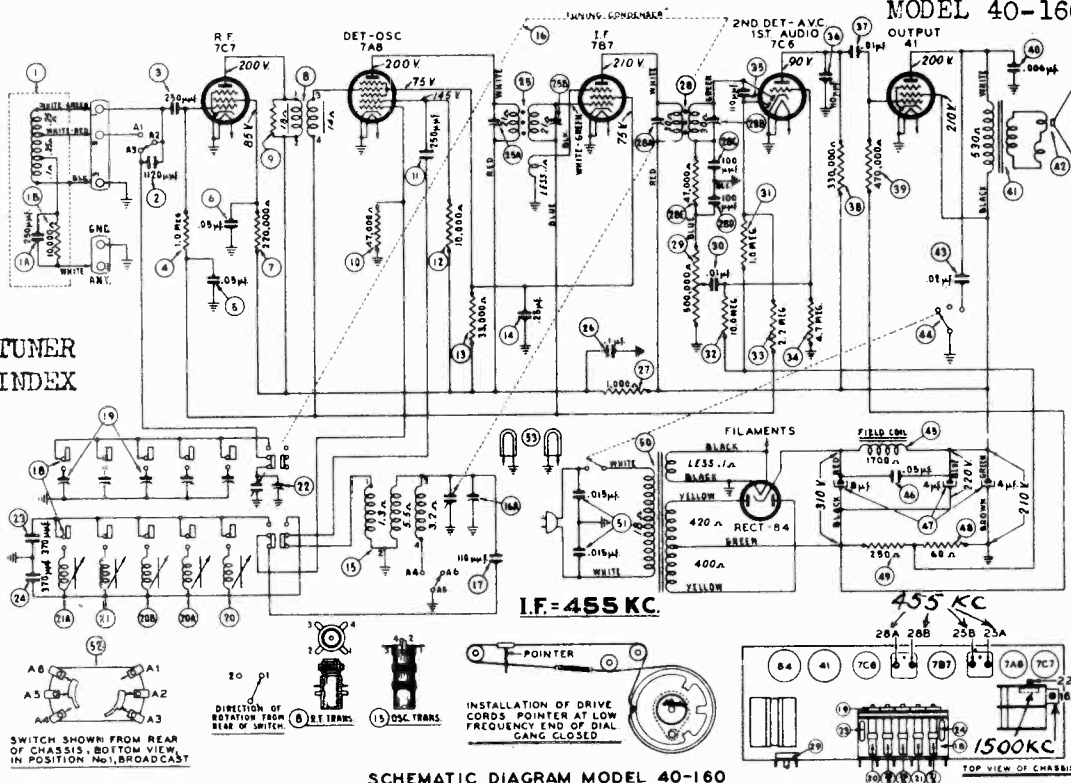


PHILCO RADIO & TELEVISION CORP.

MODELS 40-130,
40-135, 40-170CS
MODEL 40-140, 40-145
MODEL 40-160

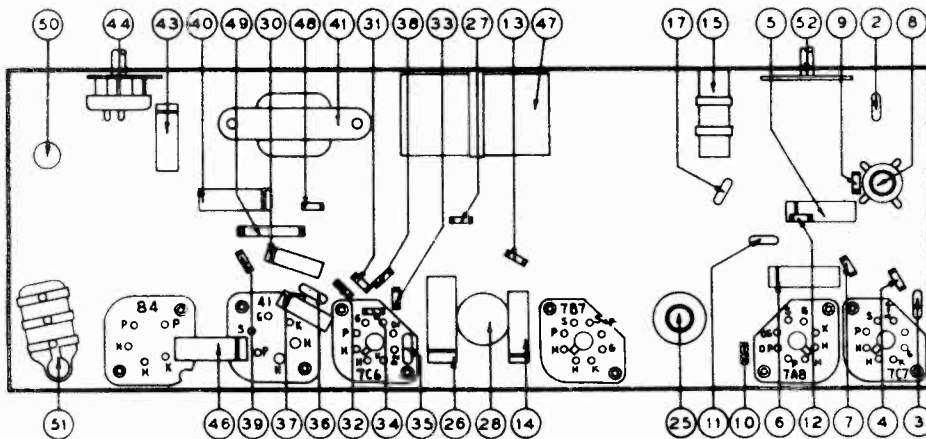
FOR TUNER
SEE INDEX



SCHEMATIC DIAGRAM MODEL 40-160

Run 3—To prevent oscillation on push-button tuning, resistors (9) Part No. 33-268339 were removed from R. F. transformer (9) secondary. A new resistor Part No. 33-260339 is now added across primary winding of the same transformer.

CONVENTIONAL ALIGNMENT SEE
SPECIAL SECTION VOL. VIII



40-170CS

Models 40-135 and 40-170 are similar in design with the exception of the cabinets, speakers, and several circuit changes. The Service information for Model 40-135 covers the Model 40-170 with the exception of the part changes listed below.

Sche. No.	Description	Part No.
1	Loop Assembly	38-9985
3	Mica Condenser	30-1110
30	Tubular Condenser (.006 mfd., 600 V.)	30-4504
31	Tubular Condenser (.02 mfd., 600 V.)	30-4599
34	Cone and Voice Coil Assembly (For Speaker Part No. 36-1480-3)	36-4086
	Cable (A. C.)	L-3240
	Cabinet	10453A
	Speaker	36-1480

PRODUCTION CHANGES

MODELS 40-130 RUN 3, 40-135, 40-170CS

To prevent oscillation at the low end of the broadcast band and 2nd I. F. transformer (21) changed from Part No. 32-3281 to Part No. 32-3382.

MODEL 40-170CS

The speaker, Part No. 36-1480-3 and cone assembly, Part No. 36-4086 listed in No. 1 change notice for Model 40-170CS has been changed on later production receivers to speaker 36-1480-4. The cone assembly for this new speaker is 36-4136.

PRODUCTION CHANGES

Dial Scale changed from Model 40-140 Part No. 27-5507 to Part No. 27-5552.
Tone Control (27) changed from Part No. 42-1496 to 33-5353.
Dial Scale changed from Model 40-145 Part No. 27-5507 to Part No. 27-5552.
Tone Control (27) changed from Part No. 42-1496 to 33-5353.
MODELS 40-140, 40-145, 60 Cycle Current
Operating on 115 V. A.C., 60 Cycle Current
32-8064, 115 volts, 60 cycle current in the Service Bulletin, must be changed to Part No. 32-8073, 115 volts, 25 cycle current. Electronic Condenser (49) Part No. 30-2409, 12 mfd., 400 volts must be changed to Part No. 32-8064, 115 volts, 60 cycle current by changing the power transformer (52).
Service Bulletin 328, from Part No. 32-8064, 115 volts, 60 cycle to Part No. 32-8098, 220 volts, 60 cycle, connecting the primary wiring as listed below.
Power Supply: 220 Volts—Red and Yellow to White.
Connect together: 220 Volts—Black and White to Red.
Part No. 32-3281 to Part No. 32-3382.
The cabinet and B. C. loop assembly was changed on late production receivers as follows:
Model 40-145
Original Part No. 10395A
New Part No. 10464A
Cabinet, B. C. Loop..... 38-9892
Model 40-140
Original Part No. 10395A
New Part No. 10464A
Cabinet, B. C. Loop..... 38-9892