TUNING CONDENSER

RF 7C7 | DET-OSC 7A8 | IF 7B7 | 2ND DET AVC 1ST AUDIO 7C6 | OUTPUT 7B5

180 V | 85 V | 90 V | 140 V | 185 V | 60 V | 170 V

GREEN WHITE | RED WHITE | BLACK | WHITE | ANT. | A4 | A5 | A6

250 µµf | 10,000 Ω | 1250 µµf IN 40-503 | 1120 µµf IN 40-506

1.0 MEG | .05 µf. | 270,000 Ω | 47,000 Ω | 250 µµf. | 1,000 Ω | 10,000 Ω | 250 µµf.

.004 µf | 250 µµf. | 330,000 Ω | 1.0 MEG. | .03 µf. | .02 µf IN MODEL 40-503 | .006 µf IN MODEL 40-506

700 Ω | WHITE | BLACK

GREEN | 2.2 MEG | 47,000 Ω | 100 µµf | .01 µf. | 4.7 MEG

RED | WHITE | WHITE GR. | BLK | .05 µf | 30 Ω | 2 µf | 2000 Ω

A1 | A2 | A3 | 13 Ω | 5.5 Ω | 3.2 Ω | 17

FILAMENTS

BLACK | .2 Ω | BLACK | YELLOW | 300 Ω | YELLOW-GREEN | 320 Ω | YELLOW

WHITE | .01 µf | .01 µf | 13.5 Ω | WHITE

RECT-7Y4

305 V

13 µf | 1800 Ω SPEAKER FIELD | 20 µf | 4 µf IN 40-506 | 12 µf IN 40-503 | SEE NOTE | 185 V

220 Ω | 39 Ω

POINTER

PHONO MOTOR

INSTALLATION OF DRIVE CORDS POINTER AT LOW FREQUENCY END OF DIAL (GANG CLOSED)

DRIVE CORD TO HAVE THREE TURNS AROUND TUNING SHAFT

* NOTE - 12 µf USED IN MODEL 40-503 | 12 µf & 20 µf USED IN MODEL 40-506

PHONO / RADIO

USED IN MODEL 40-506

USED IN MODEL 40-503

DOTTED LINES INDICATE CONNECTIONS USED IN MODEL 40-503

I.F.=455 KC.

SWITCH SHOWN FROM REAR OF CHASSIS, BOTTOM VIEW, IN POSITION No 1 (BROADCAST)

A3 | A4 | A2 | A5 | A1 | A6

DIRECTION OF ROTATION FROM REAR OF SWITCH

8 R.F. TRANS

17 OSC TRANS

SCHEMATIC DIAGRAM MODEL 40-503 & 40-506