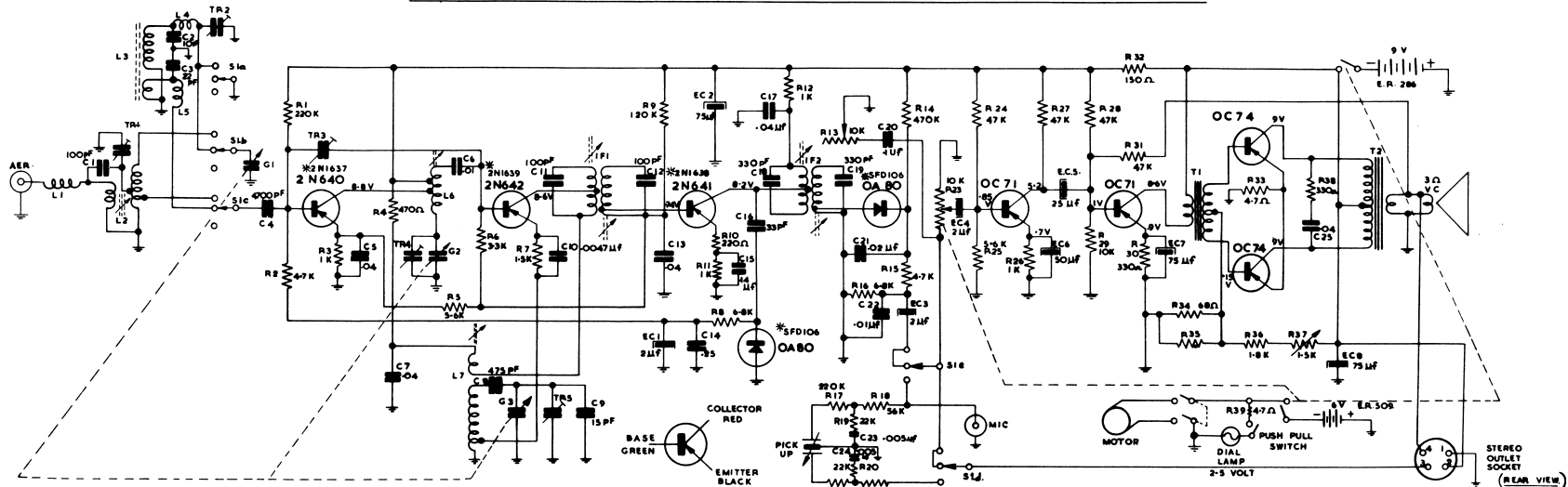


FERRIS ALL TRANSISTOR PORTABLE CAR RADIOGRAM - MODEL 154.



- R1 220 K 10% RESISTOR
- R2 4.7 K 10% RESISTOR
- R3 1 K 10% RESISTOR
- R4 470Ω 10% RESISTOR
- R5 5.6 K 10% RESISTOR
- R6 3.3 K 10% RESISTOR
- R7 1.5 K 10% RESISTOR
- R8 6.8 K 10% RESISTOR
- R9 120 K 10% RESISTOR
- R10 220Ω 10% RESISTOR
- R11 1 K 10% RESISTOR
- R12 1 K 10% RESISTOR
- R13 10 K POTENTIOMETER DPST.
- R14 470 K 10% RESISTOR
- R15 4.7 K 10% RESISTOR
- R16 6.8 K 10% RESISTOR
- R17 220 K 10% RESISTOR
- R18 56 K 10% RESISTOR
- R19 22 K 10% RESISTOR
- R20 22 K 10% RESISTOR

- R21 220 K 10% RESISTOR
- R22 56 K 10% RESISTOR
- R23 10 K POTENTIOMETER D.P.S.T.
- R24 47 K 10% RESISTOR
- R25 5.6 K 10% RESISTOR
- R26 1 K 10% RESISTOR
- R27 47 K 10% RESISTOR
- R28 47 K 10% RESISTOR
- R29 10 K 10% RESISTOR
- R30 330 Ω 10% RESISTOR
- R31 47 K 10% RESISTOR
- R32 150Ω 10% RESISTOR
- R33 4.7Ω 10% RESISTOR
- R34 68Ω 10% RESISTOR
- R35 THERMISTOR 01A/130 E
- R36 1.8 K 10% RESISTOR
- R37 1.5 K VARIABLE RESISTOR
- R38 330Ω 10% RESISTOR
- R39 4.7Ω 10% RESISTOR

- C1 100 PF 600V MOULDED CAPACITOR
- C2 10 PF CERAMIC CAPACITOR
- C3 22 PF CERAMIC CAPACITOR
- C4 4700 PF CERAMIC CAPACITOR
- C5 .04 200V MOULDED CAPACITOR
- C6 .01 400V MOULDED CAPACITOR
- C7 .04 200V MOULDED CAPACITOR
- C8 475 PF 2% MICA CAPACITOR
- C9 15 PF CERAMIC CAPACITOR
- C10 .0047µF CERAMIC CAPACITOR
- C11 100PF 5% MICA CAPACITOR
- C12 100 PF 5% MICA CAPACITOR
- C13 .04 200V MOULDED CAPACITOR
- C14 .25 200V MOULDED CAPACITOR
- C15 4.4µF 200V MOULDED CAPACITOR
- C16 33 PF CERAMIC CAPACITOR
- C17 .04 µF 200V MOULDED CAPACITOR
- C18 330 PF 5% MICA CAPACITOR
- C19 330 PF 5% MICA CAPACITOR
- C20 .1 µF 200V MOULDED CAPACITOR

- C21 .02 µF 400V MOULDED CAPACITOR
- C22 .01 µF 400V MOULDED CAPACITOR
- C23 .005 µF 400V MOULDED CAPACITOR
- C24 .005 µF 400V MOULDED CAPACITOR
- C25 .04 200V MOULDED CAPACITOR
- EC1 2 µF 12 V ELECTRO
- EC2 75 µF 12 V ELECTRO
- EC3 2 µF 12 V ELECTRO
- EC4 2 µF 12 V ELECTRO
- EC5 25 µF 12 V ELECTRO
- EC6 50 µF 12 V ELECTRO
- EC7 75 µF 12 V ELECTRO
- EC8 75 µF 12 V ELECTRO
- G1 } 3 GANG TUNING CAPACITOR
- G2 }
- G3 }

- S1a } 3 POLE 3 POSITION
- S1b }
- S1c } 2 BANK WAFER SWITCH
- S1e }

- L1 AERIAL CHOKE L20
- L2 AERIAL COIL 719
- L3 FERRITE ROD AERIAL 7185
- L4 HF CHOKE } TYPE 7101
- L5 HF CHOKE } TYPE 7101
- L6 R.F. COIL 729
- L7 OSC. COIL 739

- TR1 2 PLATE TRIMMER
- TR2 3 PLATE TRIMMER
- TR3 3.30 PF AIR TRIMMER
- TR4 2 PLATE TRIMMER
- TR5 3.30 AIR TRIMMER

- T1 DRIVER TRANS TYPE 524
- T2 SPEAKER TRANS 4301

- IF1 455 KC TRANS TYPE 919
- IF2 455 KC TRANS TYPE 9181

BAND COVERAGE 530-1620 KC/S
IF FREQUENCY 455 KC

TOTAL BATTERY CURRENT 13 MA.

COLLECTOR CURRENT OF O/P STAGE 4.5 MA.
FOR ZERO SIGNAL (ADJUST R 37)

ALL RESISTORS 1/2 WATT RATING UNLESS OTHERWISE STATED.

NOTE ALL VOLTAGES CHECKED WITH 40,000 O.P.V. METER AT ZERO SIGNAL INPUT

* ALTERNATE SEMI CONDUCTOR TYPES

DO NOT OPERATE SET WITHOUT SPEAKER CONNECTED.