

AMPLIFIER GAIN TEST.EQUIPMENT.

Audio Signal Generator: 600 ohm output impedance
 Generator Frequency: 1000 cycles, Sine Wave
 Generator Output: .1 volt.
 Output Meter: 15 ohm impedance.

CONDITIONS.

Volume control: maximum, fully clockwise.
 Tone control: maximum treble, fully clockwise.
 Generator Input: to amplifier input lead, pick-up disconnected.
 Output Meter: to speaker leads, speaker disconnected.

TEST :

With .1 volt applied to input, the output meter reading should exceed 100 milli-watts.

PICK-UP STYLUS PRESSURE.

The stylus pressure is to be between 6 and 8 grammes. A pressure gauge Part No. 4121-013-01, is available from Spare Parts Division.

To check the pressure, place player on to a level surface with no record on the turntable.

Place the stylus pressure gauge on the turntable then lower pick-up arm so that stylus locates in the hollow provided on gauge.

Move the slide weight to obtain a balance then read the pressure indicated.

Should the pressure be outside the tolerance, adjust the arm as follows.

Lift the pick-up arm to full extent. Located on the pick-up arm near the pivot point a coiled spring is attached between a lug on the Pivot rod and a flat steel spring on pick-up arm. This is fitted under tension.

To adjust the pressure, slide the spring from the slot and refit at correct tension. Increase spring tension to reduce stylus pressure. Decrease spring tension to increase stylus pressure.

SERVICE INSTRUCTIONS - MECHANICAL.1. REMOVAL OF AMPLIFIER AND PLAYER UNIT ASSY. FROM CABINET.

- A. Switch player unit OFF and disconnect mains lead plug from power point socket.
- B. Place pick-up arm on to rest pillar, fasten with wire clip.
- C. Remove the six screws and cup washers fastening motor board to drawer section of cabinet.
- D. Lift motor board upward at front, disconnect quick break terminals on end of speaker leads then lift motor board out of drawer.
- E. Refitting is the reverse procedure to the above.

ASTOR MODEL "G8F"

4-TRANSISTOR MONOPHONIC RECORD PLAYER
FOR OPERATION FROM 240 VOLT 50 CYCLE SUPPLY MAINS

Power Output: 1 watt. approx.

Power Consumption: 20 watts approx.

SERIAL NUMBER.

The serial number is stamped into the end of the printed circuit board mount bracket nearest the volume control.

To view the number:

- A. Switch player unit OFF and disconnect mains lead plug from power point socket.
- B. Place pick-up arm on to rest pillar, fasten with wire clip.
- C. Remove the six screws and cup washers fastening motor board to drawer section of cabinet.
- D. Lift motor board upward at front. Number is visible from front of unit.

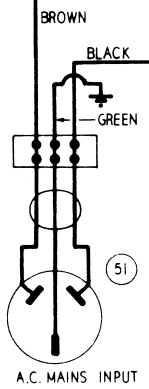
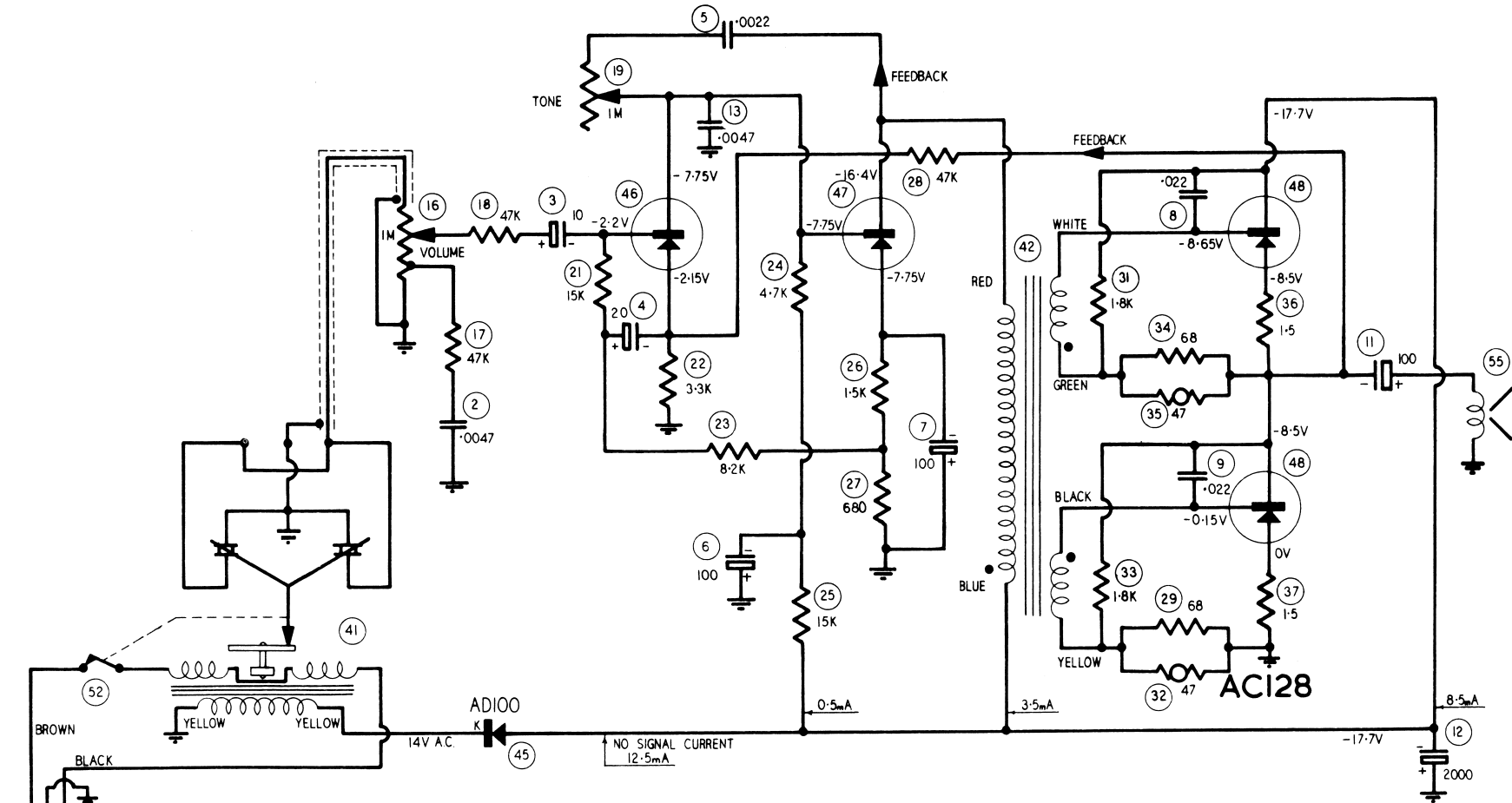
2. REMOVAL OF AMPLIFIER FROM MOTOR BOARD.

- A. Remove amplifier and motor board as detailed in section 1. A to E above.
- B. Disconnect 14 volt leads from chassis and amplifier input leads from player unit pick-up terminal strip.
- C. Pull control knobs straight off control shafts.
- D. Remove barrel nuts and chrome washers then lower amplifier unit from motor board.
- E. Refitting of amplifier is the reverse procedure to the above.

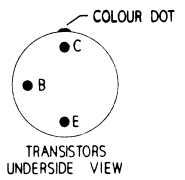
2N406

AC125

AC128



POWER CONSUMPTION
20 WATTS



ALL VOLTAGES MEASURED BETWEEN POINTS INDICATED
AND CHASSIS OR COMMON POSITIVE WITH A D.C.
VACUUM TUBE VOLTMETER (NO INPUT SIGNAL).
240V 50 CYCLE INPUT.

MODEL G8F