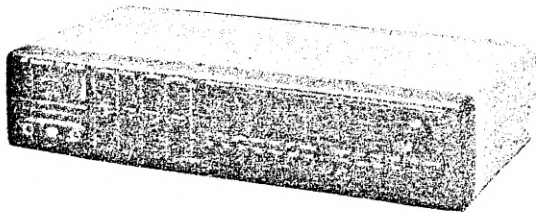




SERVICE MANUAL

LW/MW/SW/FM HI-FI STEREO RECEIVER MODEL TFS-300



- Germany: TELETON Elektro GmbH.
4000 Dusseldorf-Rath Oberhausener Str. 17
Tel. (0211) 65 30 81, TX 858 6768
- United Kingdom: TELETON Electro (UK) Co., Ltd.
Teleton House, Waterhouse Lane.
Chelmsford/Essex
Tel. Chelmsford 62 442, TX 99 338
Technical Service Organization
Waterhouse Lane, Chelmsford, Essex.
Tel. 0245-54621, TX 99338
- Belgium: TELETON N. V.
2200 Borgerhout
Prins-Leopold-Straat 28
Tel. 03/361045, TX 32508, 03/357670
- Netherlands: TELETON NEDERLAND B. V.
Marconiweg 10. Vianen
Tel. 03473-3744, TX 40581
- France: TELETON Electro (France) S.a.r.l.
21 rue Paul Lafargue 94 Kremlin-Bicêtre
Tel. 726 4091
- Switzerland: TRANSACO AG
Kanzleistrasse 126. 8004 Zurich
Tel. 39 45 60/23 50 40, TX 52 362

EXPLODED VIEW

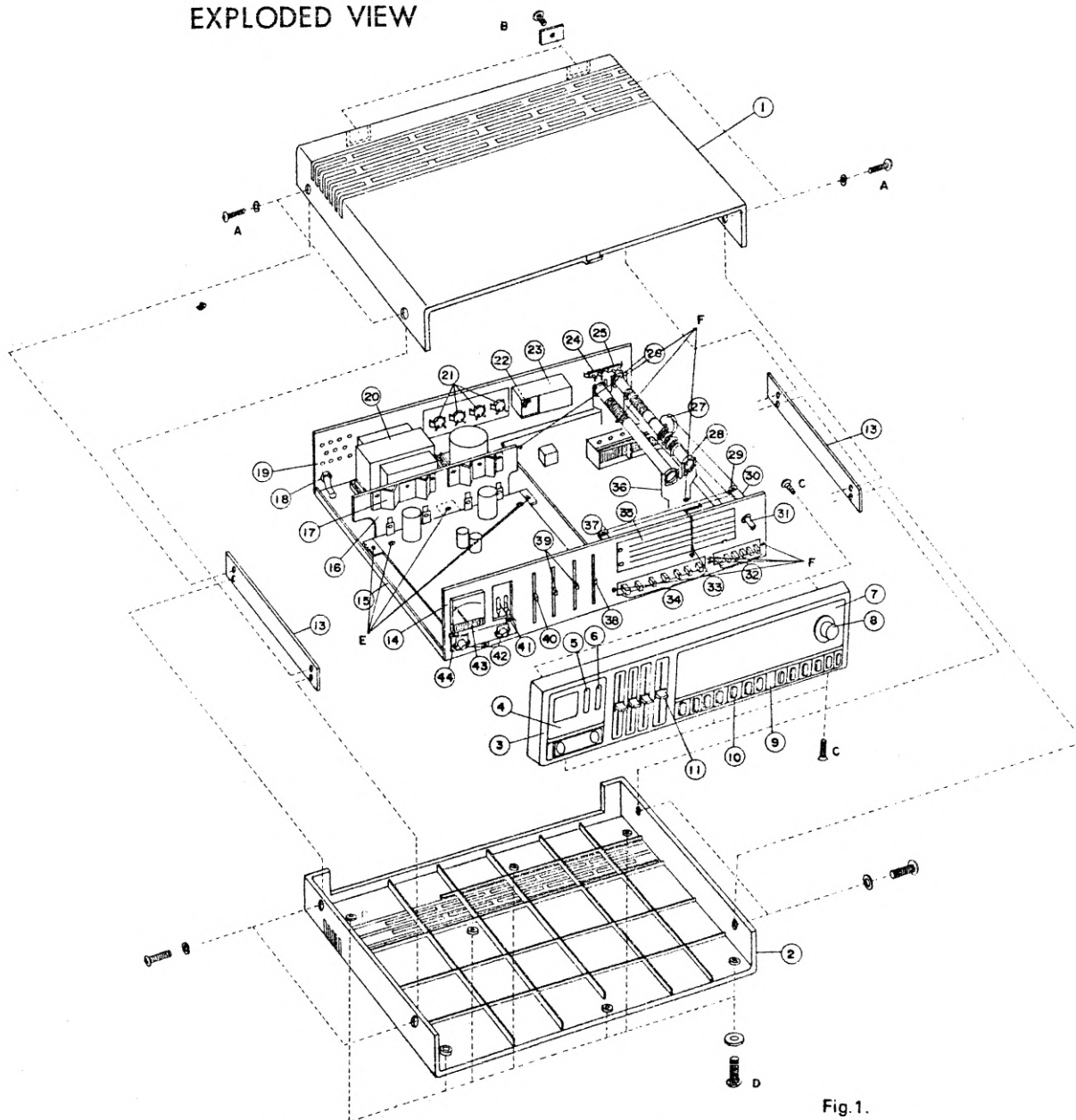


Fig. 1.

CABINET AND P.C.B. REMOVAL (Fig. 1)

1. Remove four screws on the top cabinet side. (A)
2. Remove two screws on the cabinet rear. (B)
3. Pull backward top cabinet.
4. Pull off tuning knob (8) and slide knobs (11), and remove five screws on the frontpanel (C), then the frontpanel can be removed.
5. Remove seven screws on the bottom of the cabinet (D), then the lower cabinet can be removed.
6. Remove five screws to detach the audio P.C.B. (E)
7. Remove seven screws to detach the radio P.C.B. (F)

DIAL CORD STRING

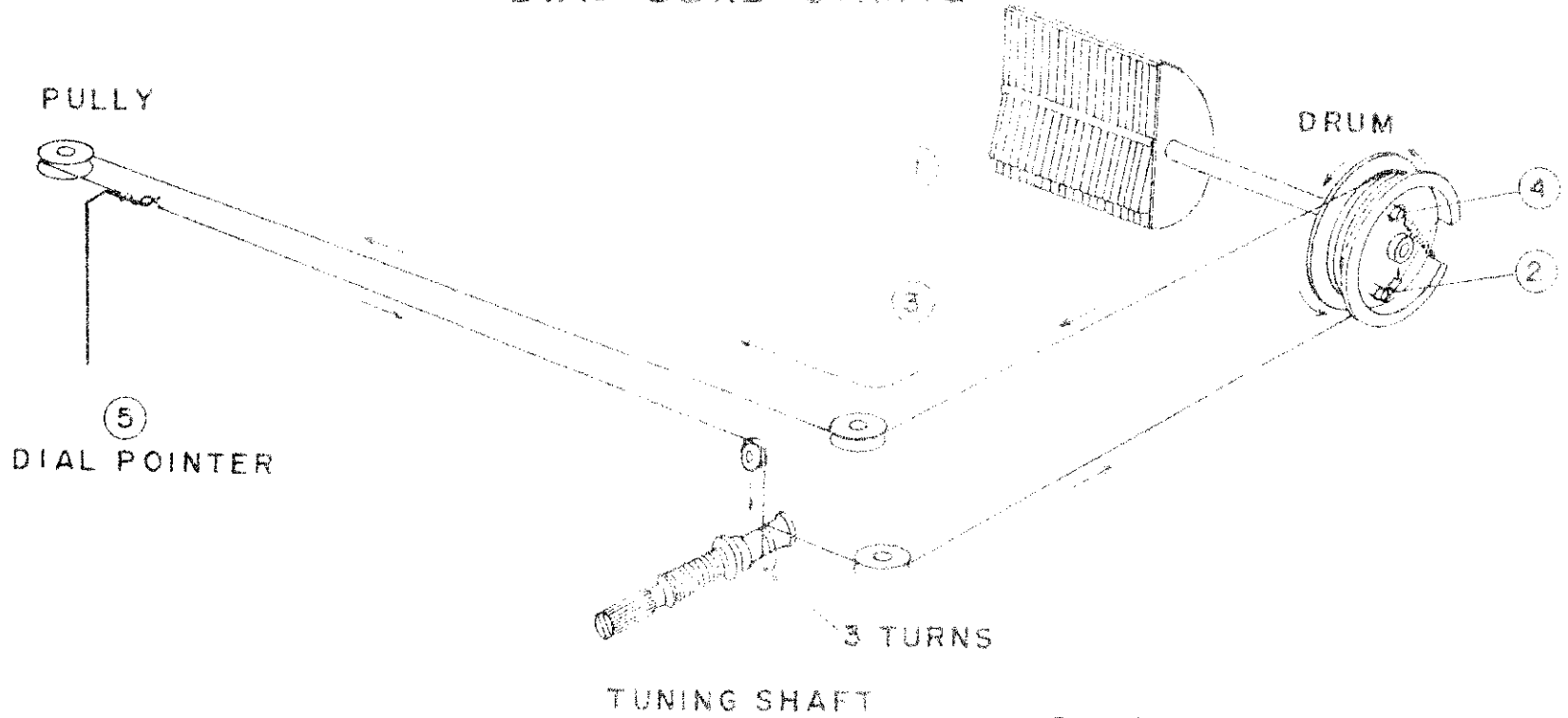


Fig.2.

PHONO P.C.BOARD

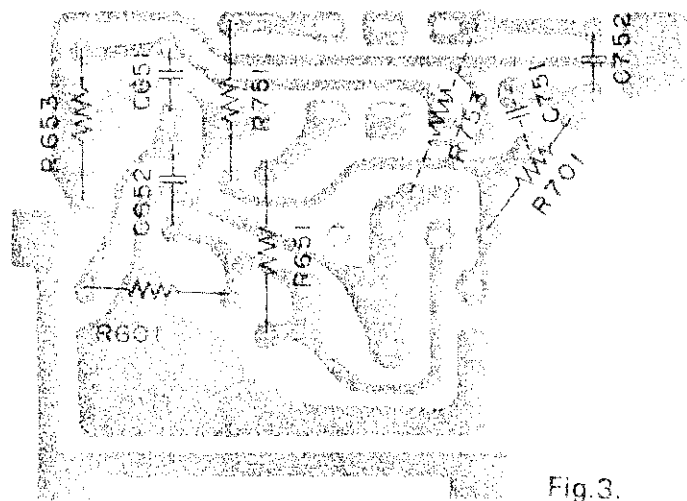


Fig.3.

To replace the dial string proceed as follows:

1. Turn the Variable Capacitor fully in.
2. Attach dial string to bolt on drum.
3. Rout dial string as shown in figure.
4. Winde remaining string around drum and hook spring over bolt on drum.
5. Attach dialpointer to far left.

P.C. BOARDS (TOP VIEW)

AUDIO AMP. P.C.BOARD

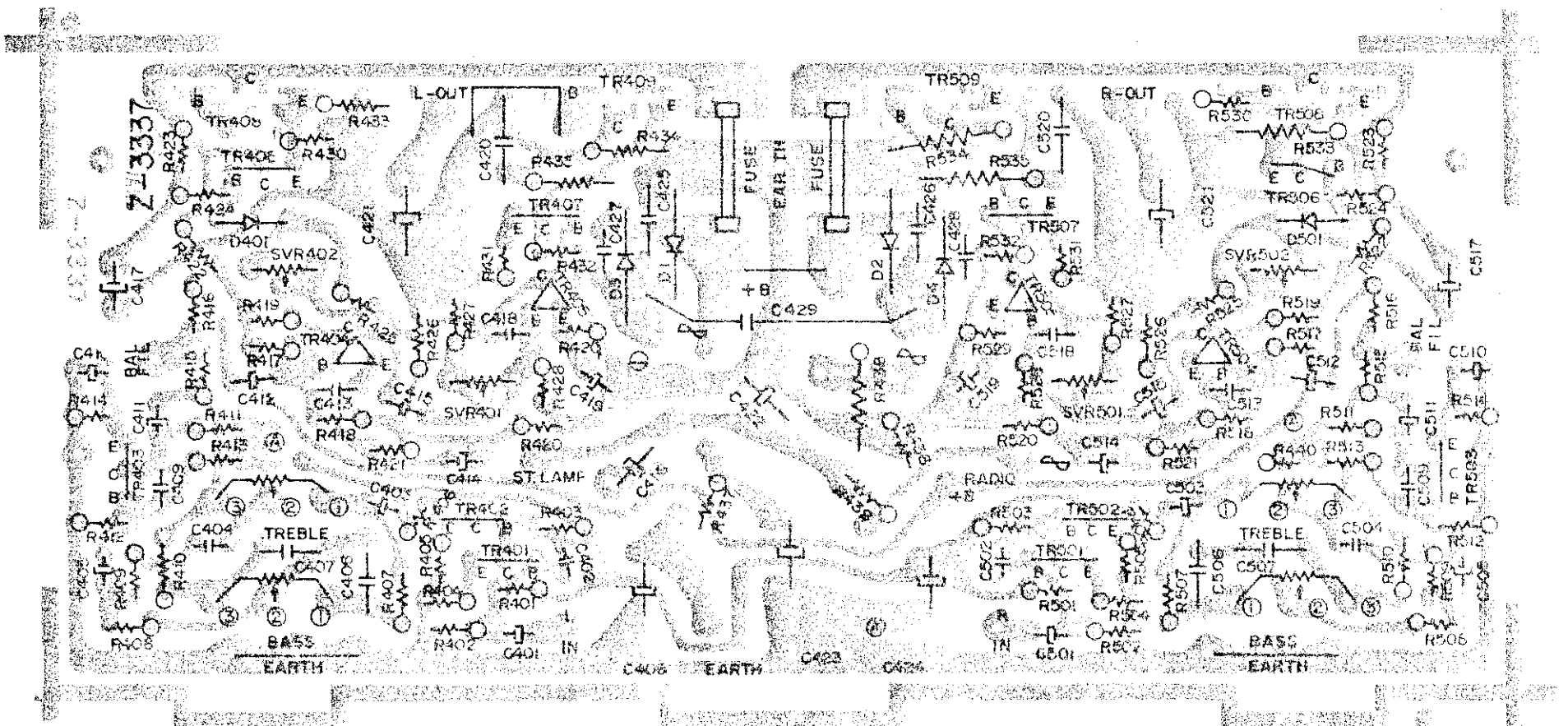


Fig.4.

LAMP P.C.BOARD

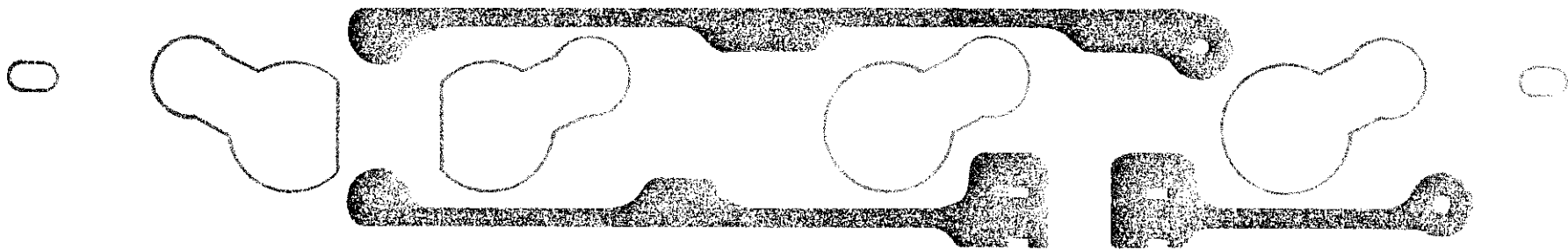


Fig 8

RADIO P.C.BOARD

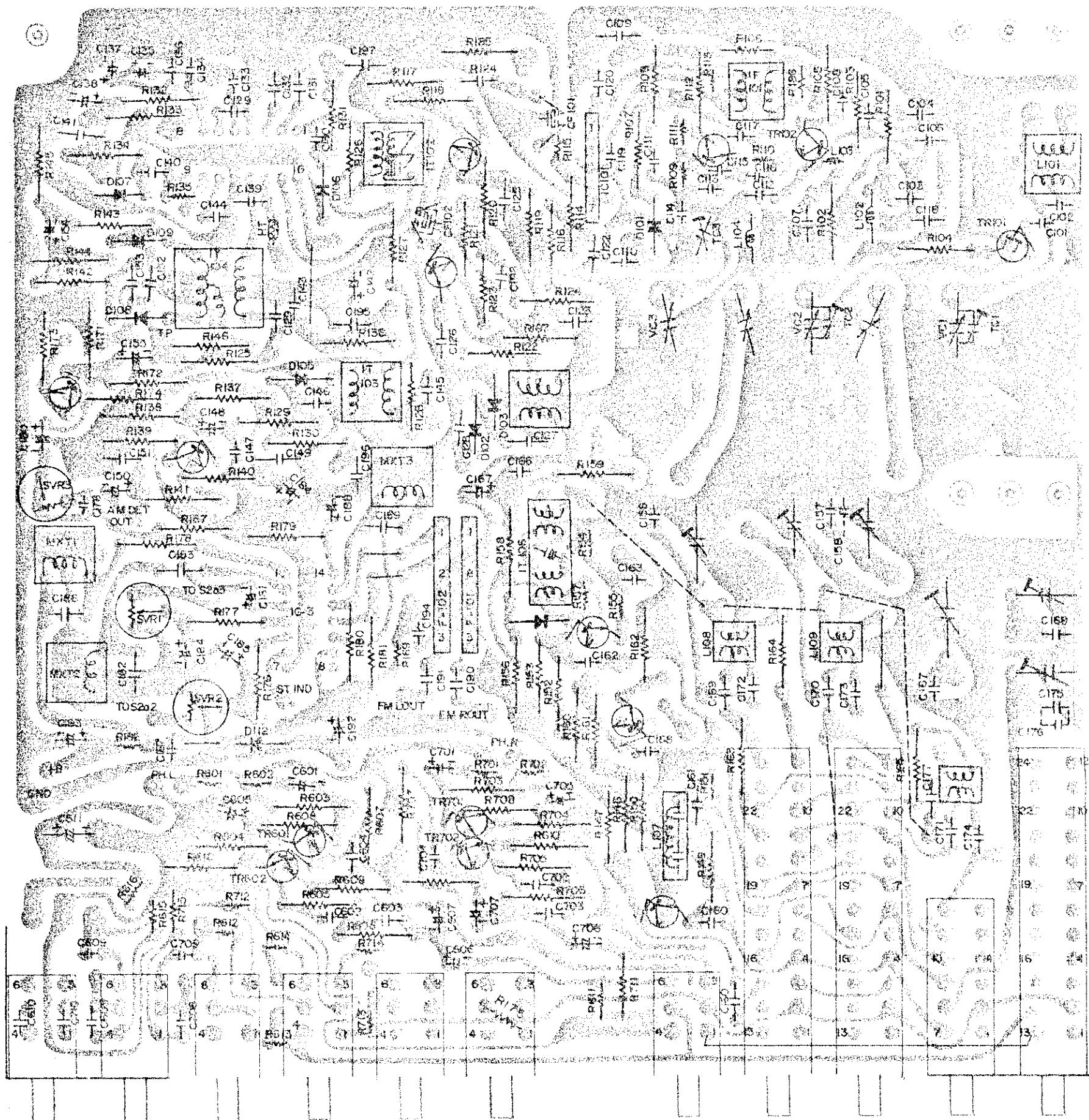
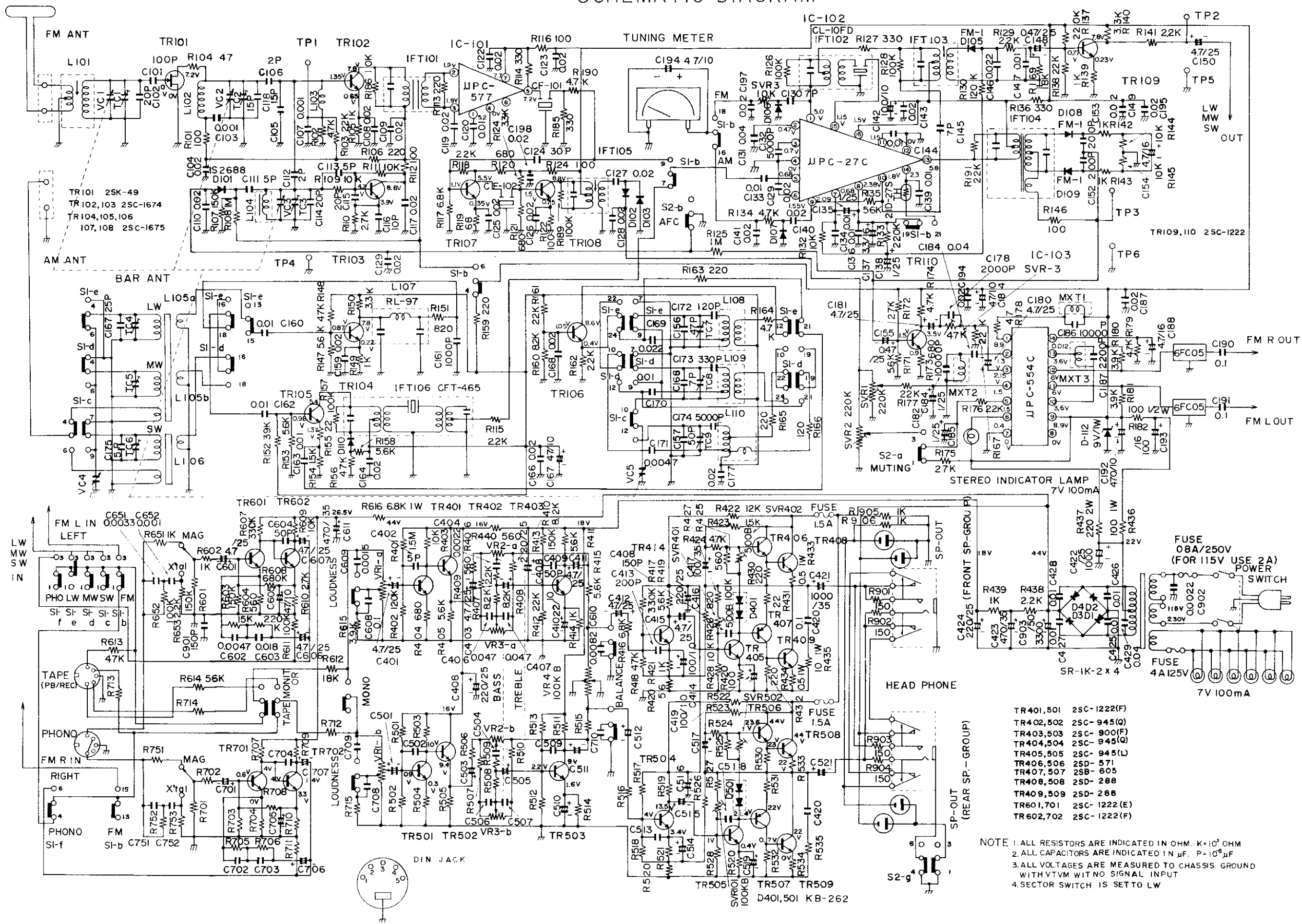


Fig 9

SCHEMATIC DIAGRAM



TR401,501	2SC-1222(F)
TR402,502	2SC-945(Q)
TR403,503	2SC-900(F)
TR404,504	2SC-945(O)
TR405,505	2SC-945(L)
TR406,506	2SD-571
TR407,507	2SD-605
TR408,508	2SD-268
TR409,509	2SD-268
TR601,701	2SC-1222(E)
TR602,702	2SC-1222(F)

NOTE 1. ALL RESISTORS ARE INDICATED IN OHM. K=10³ OHM
 2. ALL CAPACITORS ARE INDICATED IN μ F. P=10⁶ μ F
 3. ALL VOLTAGES ARE MEASURED TO CHASSIS GROUND WITH VTVM WITH NO SIGNAL INPUT
 4. SECTOR SWITCH IS SET TO LW

7666