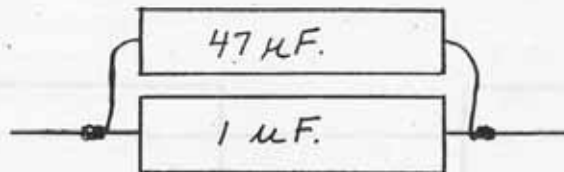


## ARAGON 004 SERIES MARK II UPGRADE

PLEASE READ THROUGH THE INSTRUCTIONS COMPLETELY BEFORE BEGINNING

1. Disconnect line cord and remove top cover
2. De-solder and remove the following parts from each driver/output PCB:  
2004: R7, R23, R1, R2, R32, R33, R39, R10, C5 and C8  
4004: R7, R23, R1, R2, R32, R33, R9, R10, R38, R39, C5 and C8
3. Replace R7 and R23 with diode supplied. Note position of diode at R7 and R23 on assembly drawing.
4. Replace the remaining parts with the parts supplied as per the assembly drawing. Please note all resistors should be spaced off the PCB approximately 5 mm or 2/10 inch.
5. Solder 1MFD axial cap in parallel with 47 MFD cap.



Attach cap assembly to bottom of driver output board as per drawing "A" NOTE POLARITY ON 47 MFD CAPACITOR

6. Check all screw terminals for tightness. Do not over tighten "Aragon" and "Mondial" transistors.
7. Plug amp into VARIAC and bring up voltage slowly while measuring DC millivolts across each emitter resistor (R11-14 & R34-37). Locate resistor with highest mv value and adjust to 10 mv + .5 using bias trimpot (near center of PCB).
8. Put 20k ohm resistor across input of one channel. Measure DC offset at speaker output terminals. Adjust trimpot (the one near the edge of the PCB) for reading of 0.0 +.1mv.
9. Repeat for other driver board.
10. Allow amp to idle 15 minutes and repeat steps 7, 8 & 9. Run under load for 1 hour or more then remove input and allow amp to idle 15 minutes and repeat test procedure (steps 7,8,9) Remove paper from adhesive backing and place SOUNDCOAT dampening sheet on inside of top cover, above the transformers.
11. Place MarkII plaque on rear panel above the fuse holder.