



TECHNICAL INFORMATION **BULLETIN**

TITLE: SF22SP AMPLIFIER MODULE REPLACEMENT	NUMBER: TB-037
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Purpose:

This technical bulletin informs service technicians on the JBL Authorized method of installation to interface the latest version amplifier assembly (339039-002) with early models of the SF22SP.

Indication:

There were two versions of the Main Amplifier Assembly that was used in the model SF22SP Powered Subwoofer. The early version model incorporated the low voltage rectification and filtration circuitry on the power supply PCB. On the later version, this circuitry was relocated to the main output assembly PCB for greater subsequent reliability upon amplifier repair.

Tools Required:

1. Phillips screwdriver
2. Soldering iron
3. Desoldering tool

Procedure:

1. Remove amplifier module from speaker housing by removing 12x cabinet screws.
2. Remove the rear plastic cover to expose the internal circuitry by removing 12x screws & nuts attached to the front panel.
3. Desolder the White & Black wires from the Power Supply PCB (see arrow 1) and from the Output Amplifier PCB.
4. Locate and remove the Bridge Rectifier, BR2 (see arrow 2) from the power supply PCB.
5. Remove 5x black screws and all the necessary cables to separate the amplifier assembly from the front panel.

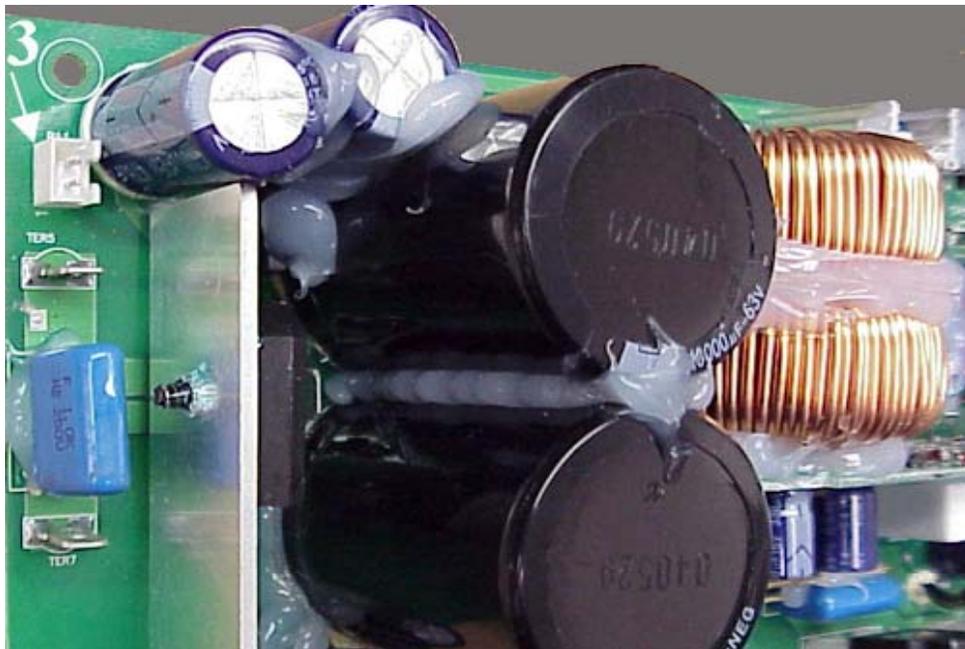


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1. Assemble the new amplifier assembly (339039-002) to the front panel.
2. Re-solder the White & Black wires to the AC (symbol ~) input to BR2 location (pins 2 and 3) on the power supply PCB.
3. Remove the white jack P11 (see arrow 3) and re-solder the white (pin 1) & black (pin 2) wires in its place.





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The completed assembly should look like the one pictured below:

