

TECHNICAL BULLETIN

PS140 Power Supply

In order to meet FCC conducted noise requirements, PESA is providing the enclosed kit #81906515190 to be installed into the PS140 power supply. Please refer to the following instructions and diagram for proper installation.

PARTS ENCLOSED IN KIT:

- | | | |
|---------|-------------------------|-------------------|
| • Qty 1 | Capacitor | Part #83151044993 |
| • Qty 1 | 4-40 x 5/16" Simm Screw | Part #81902202712 |

CAUTION: OBSERVE STATIC PRECAUTIONS BEFORE DISASSEMBLY

1. Disconnect AC power from the PS140 power supply.
2. Disconnect the DC cable from the power supply and remove the supply from the rack/frame.
3. Place the power supply on a flat surface to prepare for disassembly.
4. Remove the four screws and the top cover to gain access to the solder side of the filter/rectifier board.
5. In order to allow for proper grounding, strip the paint from the chassis ground screw hole by turning the screw in and out several times. This will ensure an adequate connection.
6. Place the capacitor, as shown in the diagram, on the solder side of the filter/rectifier board. Trim the leads to allow placement as shown. **NOTE:** Leads must not extend past designated points in order to prevent potential shorts.
7. Install the .1 mfd capacitor by wrapping the lower lead **once** around the chassis ground screw **under** the locking washer. Tighten screw.
8. Attach the other lead by soldering it to the DC Ground.
9. Replace the top cover and reinstall the power supply to the rack/frame. Reconnect AC and DC power cables.

