



REPLACEMENT POWER SUPPLY KIT for RPM3 or molbox RFM

Installation Instructions

REPLACEMENT POWER SUPPLY KIT, P/N 401903, INCLUDES

QTY	PART NO	DESCRIPTION
1	102705	Power Supply, +5V, +12V
1	102704	Plastic Standoff, Locking
1	102722-Z	Screw, Nylon, M3 x 12
2	102721-Z	Washer, Nylon, M3

This is a replacement power supply kit for RPM3 or molbox RFM. It is important to follow the installation instructions and to use the nylon mounting hardware provided in this kit at the specified location, otherwise the power supply could short out.

REMOVING THE POWER SUPPLY:

- ❶ Disconnect power cord.
- ❷ Remove enclosure cover from unit (disconnect fan cable prior to completely removing cover).
- ❸ Remove chassis from enclosure base (lift straight out).
- ❹ Detach AC cable and DC cable from power supply.
- ❺ The power supply is mounted in three (3) places with a stainless steel screw, a nylon screw and a locking plastic standoff (see Figures 1 and 2).



Figure 1 Top View

- | | |
|--------------------------|---------------------|
| 1. Stainless Steel Screw | 3. Plastic Standoff |
| 2. Nylon Screw | 4. Front of Unit |

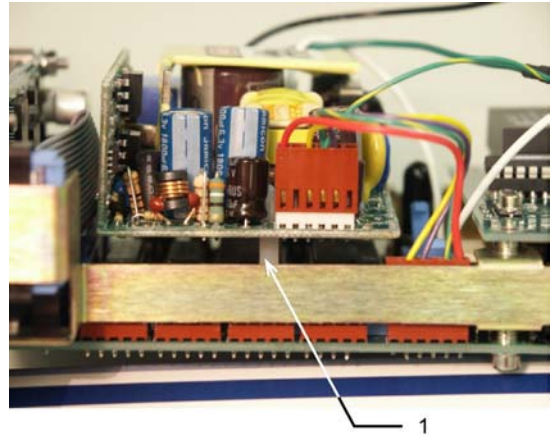


Figure 2 Right Side View

1. Plastic Standoff

- a Remove the stainless steel screw and lockwasher, and retain them for use in mounting the new power supply.
- b Remove and discard the nylon screw.
- c Turn the chassis on its side to access the bottom of the main PCB.
- d Locate the tabs of the plastic standoff and squeeze them together to release the standoff from the main board. The power supply can now be removed.



It is not necessary to remove the plastic standoff from the old power supply, a new standoff is included in this kit

- e Remove and discard the nylon washers located between the metal mounting tabs and the power supply.

INSTALLING THE NEW POWER SUPPLY:

- ❶ Install the new plastic standoff into the new power supply.
- ❷ Position the power supply in the correct mounting location with the plastic standoff directly above the mounting hole on the main board.
- ❸ Press down on the power supply to captivate the plastic standoff to the main board.
- ❹ Install a nylon washer between the power supply and the metal mounting tab, two (2) places, (see Figure 3).
- ❺ Install the new nylon screw and stainless steel screw and lockwasher at the correct locations (see Figure 3).

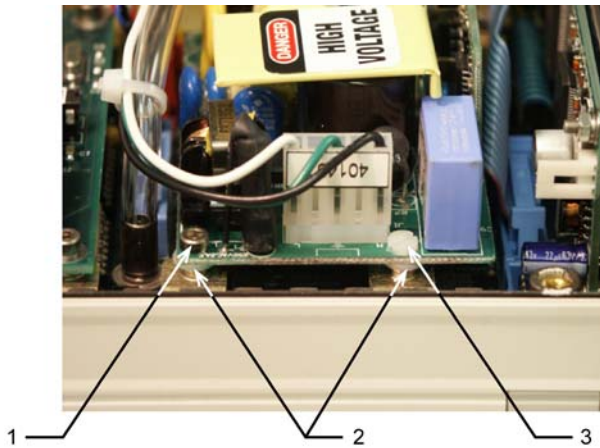


Figure 3 Left Side View

- | | | |
|--|-------------------------|--------------------------|
| 1. Screw, SS, M3 X 8
and Lockwasher, SS, M3 | 2. Nylon Washer (2 ea.) | 3. Screw, Nylon, M3 X 12 |
|--|-------------------------|--------------------------|

- ❻ Reattach DC and AC cables.
- ❼ Place chassis into enclosure base.
- ❽ Assemble enclosure cover to base by first reconnecting the fan cable, then close cover and install cover screws.