Memorymoog Fan Kit Installation

rev. 1.0, written by Doug Terrebonne (http://www.synthparts.com/)

1. This is the bottom side of the fan plate (with the wider end of the dual diameter holes) -

http://www.memorymoog.com/products/fan_kit/pics/20100225_memorymoog_fan_plate_004.jpg

Insert the 4 rubber grommets through those dual diameter holes on this side of the fan plate and pull them through so that the wide end of the grommets are flush with the bottom of the surface of the plate.

2. Place the plate with the grommets sticking up on a flat surface. With the fan label-side down place the fan onto the grommets/plate. Pull the grommets tight so the fan is secured to the plate.

3. Install the fan grill on the fan with the 4 screws provided. Route the power cable through the hole on the side.

4. Open Memorymoog (refer to service manual) and remove the old fan. The fan is held on by 4 screws on the bottom of the Memorymoog. Clip the 2 black wires going to the old fan. You can remove the old wires if you want (one goes to the 12-pin molex connector and the other goes to the power switch).

5. Slide the new fan/plate assembly into the spot where the old fan was. It is a tight fit but you should be able to slide it in from the side left to right. Make sure the Memorymoog bottom case holes line up with the plate and re-install the screws. You should also pull up on the grommets again making sure the fan is still tightly secured to the plate.

http://www.memorymoog.com/products/fan_kit/pics/20100225_memorymoog_fan_plate_012.jpg

6.   Install the provided power cable extension onto the fan power cable and cut off the last foot of the extension cable.

7. Remove the Memorymoog power supply (refer to service manual) and solder the red and black wires at the locations on the solder side of the power supply board as indicated -

http://www.memorymoog.com/products/fan_kit/pics/20100225_memorymoog_fan_plate_010.jpg

The location is near connector P134. The red wire goes to the cathode side of CR17 and the black wire goes to the anode side of CR16. The yellow wire from the fan is unused and can be cut.

8. Re-install the power supply and reassemble the Memorymoog. Power up and make sure the fan is working and the synth functions.

Enjoy your new quieter fan!