

MAC 2000 HEAD FAN CONNECTIONS

The head fans in MAC 2000 Profile IIs, Performance IIs, and Washes may have been connected incorrectly before S/N 4015956001. If so, the fan speed regulation feature will not work as intended, causing overheating. This document describes how to verify that the fans are connected correctly.

Note: The arrow in the top-right corner of the photographs points forwards.

Disconnect the fixture from power before removing the top head cover.

MAC 2000 Profile II

1 Locate the cooling fan at the top of the zoom/focus module and follow the lead to socket number 38. Verify that the fan cable is plugged into the position shown by the arrow in Fig. 1. The other fan cable is for the left-side lamp cooling fan and connects to the OUTER 2 pins of socket 38.

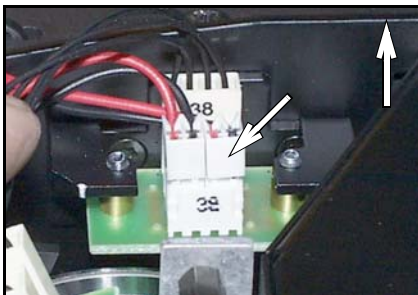


Fig. 1 Profile II & Performance II top focus module fan plug

2 Locate the lead for the bottom zoom/focus cooling fan and follow it to socket number 37 on the right-side junction print. Verify that the cable is plugged into the position shown by the arrow in Fig. 2. The other fan cable is for the right-side lamp cooling fan and connects to the REAR 2 pins of socket 37.

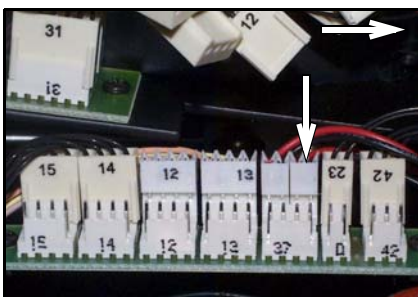


Fig. 2 Bottom focus module fan plug, Profile II

MAC 2000 Performance I & II

1 Check the serial number label to determine if the fixture is a Performance I or a Performance II.

2 Locate the cooling fan at the top of the zoom/focus module and follow the lead to socket number 38, which is directly behind the fan.

3 If it is a **Performance**, verify that the zoom/focus fan cable is plugged into the position shown by the arrow in Fig. 3. The other fan cable is for the left-side lamp cooling fan and connects to the INNER 2 pins of socket 38.

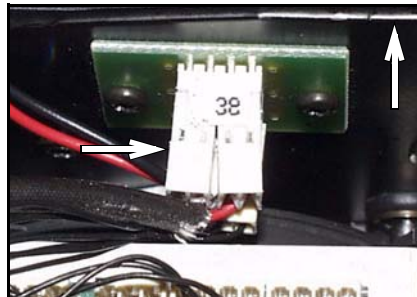


Fig. 3 Performance I top focus fan plug

4 If it is a **Performance II**, verify that the zoom/focus fan cable is plugged into the position shown by the arrow in Fig. 1. The left-side lamp cooling fan connects to the OUTER 2 pins of socket 38.

5 Locate the lead for the bottom zoom/focus fan and follow it to socket number 37 on the right-side junction print. Verify that the fan cable is plugged into the position shown by the arrow in Fig. 4. The other fan cable is for the right-side lamp cooling fan and connects to the REAR 2 pins of socket 37.

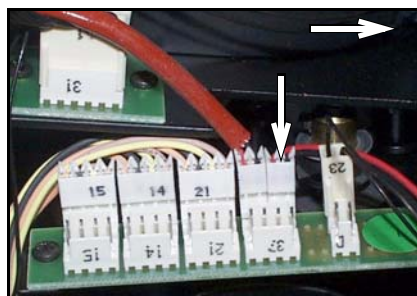


Fig. 4 Bottom focus module fan plug, Performance I & II

MAC 2000 Wash

1 Locate the cooling fan at the left side of the zoom module and follow the lead to socket number 38 on the left-side junction print. Verify that the cable is plugged into the position shown by the arrow in Fig. 5. The left-side lamp cooling fan (shown partially removed) connects to the REAR 2 pins of socket 38.

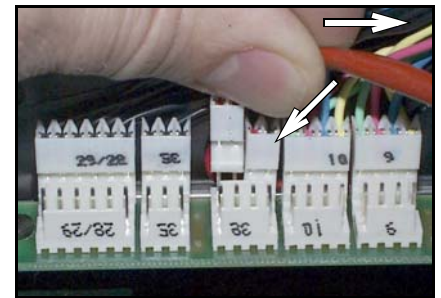


Fig. 5 Left zoom module fan plug

2 Locate the lead for the fan on the right side of the zoom module and follow it to socket number 37 on the right-side junction print. Verify that the cable is plugged into the position shown by the arrow in Fig. 6. The right-side lamp cooling fan connects to the REAR 2 pins of socket 37.

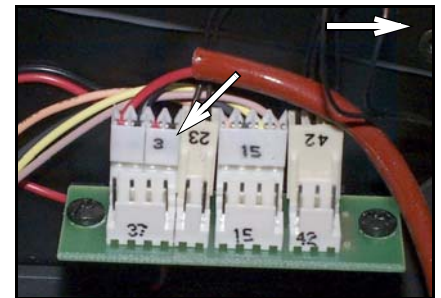


Fig. 6 Right zoom module fan plug