Kodak

Magnus VLF

Installing and Aligning the Rear Panels

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1. OVERVIEW

This procedure describes how to install and align the rear panels on a Magnus VLF output device.

2. INSTALLING AND ALIGNING THE REAR PANELS

1. Locate the center mount bracket at the rear of the device—it will have two panel mounting cones on it. Make sure that this bracket is adjusted all the way up—when aligning the panels it is easier to adjust down than adjust up.



2. On the outer panel mounts, ensure that the cones are a little loose and that the Omron switches are a little loose.

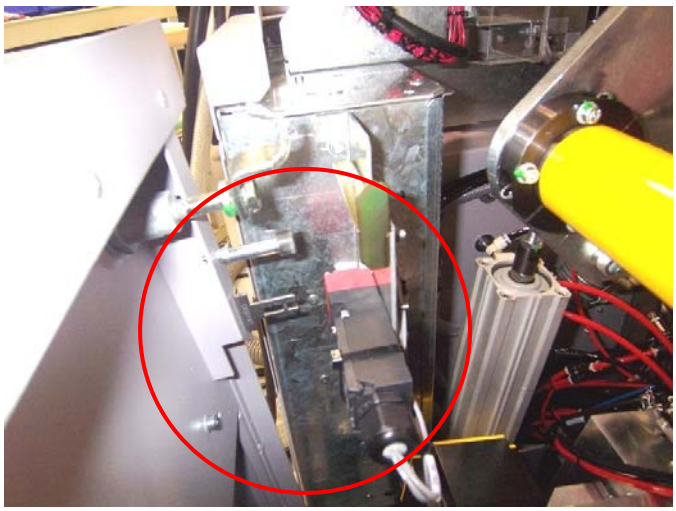
3. Install both rear panels onto the cones—as you install each panel make sure that the Omron switch key goes into the switch without damaging it. Close the latches on the panels. Do not worry if the latches are loose when closing them, they will be adjusted later in this procedure.

4. Check if the bottoms of the rear panels are aligned with the corner panels and aligned with each other. If not, slide them in and out until the bottoms of all the panels are aligned. Tighten the screws on the bottom of the cones.



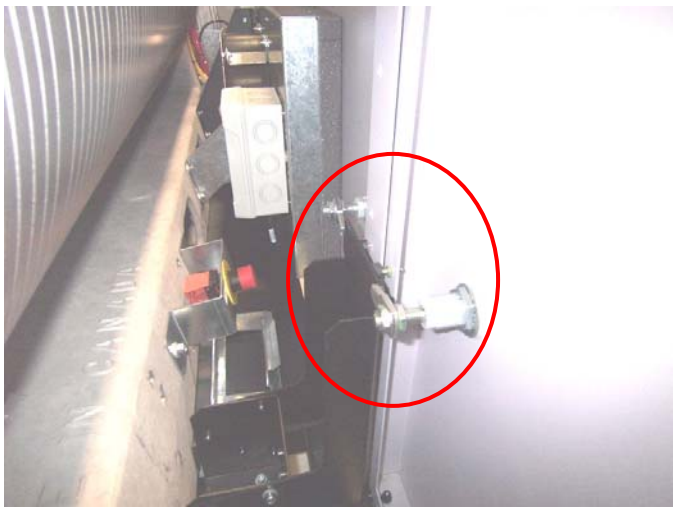


5. Open the panels and tighten the screws that secure the Omron switches—the Omron switch should be lined up after installing the panels.
   If a switch moves when you open a panel, then tighten the screws just enough so that the switch can still move but the key will go in when you close the panel. Repeat the process until the key goes into the switch with no interference.
   If the key does not go all the way in, then adjust the bumper on the panel so that it allows the key to engage all the way. There is also adjustment on the Omron switch bracket if you still need to move the panel further in, but you should not need to adjust the bracket.



6. Adjust the outside latch on each panel. Loosen the nuts on either side of the latch, close the panel, and close the latch. Tighten the latch nuts—the latches should apply pressure but not so much that it is hard to turn with a normal screwdriver. Re-adjust the latch nuts if necessary.

7. Adjust the center latch on each panel. Repeat the same process starting with adjusting the bumper and then adjusting the latch.

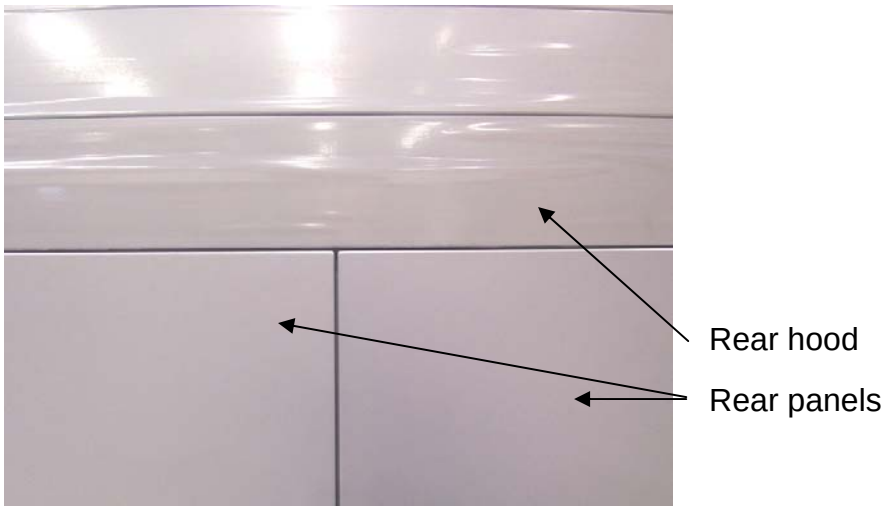


8. Check the height of the rear panels in relation to the panels alongside them (outer edges). If one seems higher than the panel next to it, then it must be adjusted down. In the photo below the panel is a little too high.



There are two ways of lowering a panel: One is to remove the heavy washer under the cone, and the other is to bend the bracket that the cone is mounted to. If the difference is small, then bend the bracket because removing the washer would lower it too much.

9. Check the height of the rear panels in the center in relation to the rear hood. Close the rear hood and adjust the center mount bracket so that the gaps between the rear panels and the rear hood are even (the center mount bracket will adjust both rear panels at the same time).



If the rear panels have different heights in the center, then the mounting bracket is likely installed at an angle—straighten the bracket to correct it.

10. Once you are done, open the rear hood and recheck all the alignments again (some may have changed due to the height alignment). Make sure the Omron key still goes in without resistance and that it fully engages the Omron switch. Check that all fasteners are tight.