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PXIe-1073

INSTALLATION GUIDE

Fan Replacement for 4–6 and 9 Slot Chassis

This guide describes how to replace the fan on a 4–6 and 9 slot PXI and PXI Express chassis.

Figure 1 shows the parts you must remove to access the fan. Refer to the following steps for installation and removal instructions.



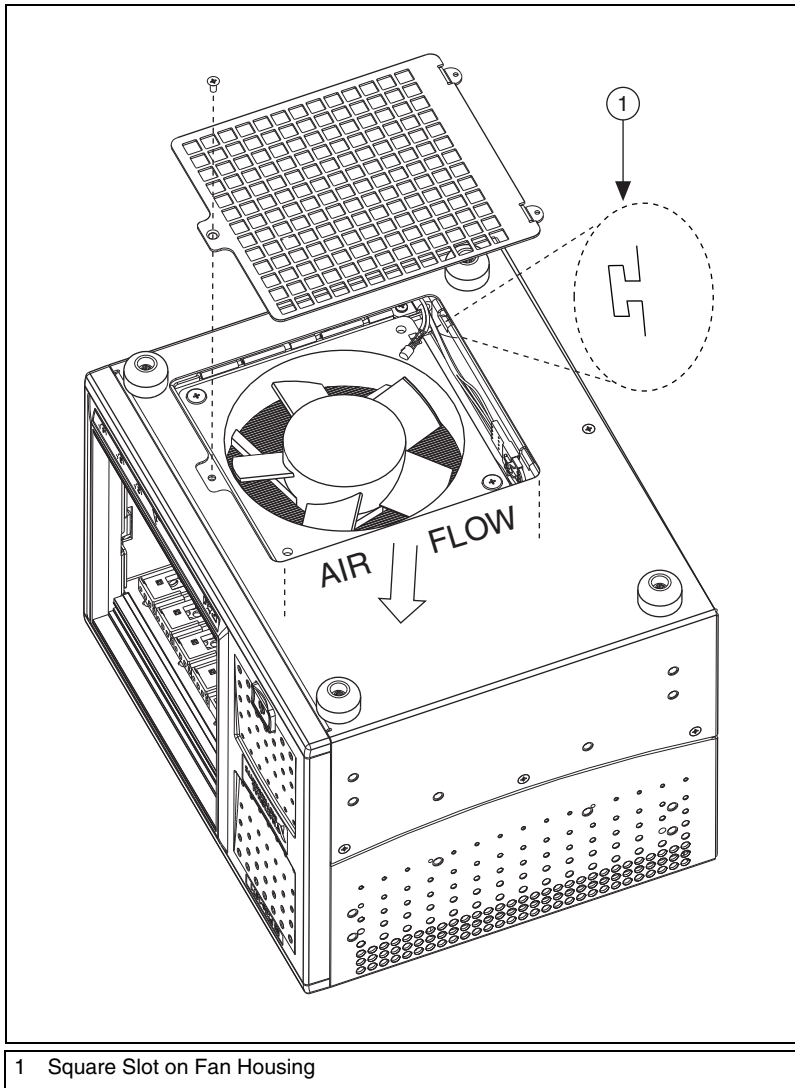
Cautions Make sure to unplug the power cord before replacing the fan.

Only trained service personnel should replace the fan.

-
- 1 Fan
- 2 Fan Cable Inline Connector

5. Connect the new fan to the inline connector. Place the fan inside the fan bracket with the square slot oriented as shown in Figure 3. The air flow direction is into the chassis, so the plastic grill and label on the fan should face toward the PXI card cage.

Place the screen below the fan (see Figure 1 for screen location). Ensure that the loose screen doesn't fall out. If the screen does fall out, return it to its position under the fan.



1 Square Slot on Fan Housing

Figure 3. Square Slot on Fan Housing

6. Reinstall the two shoulder screws.

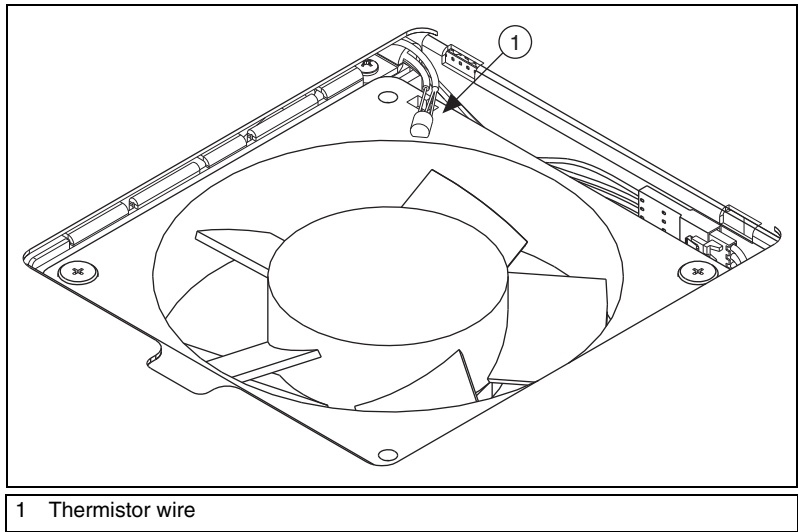


Figure 4. Thermistor Wire

7. Tighten the shoulder screws to between 3.0 lb · in minimum torque and 3.6 lb · in maximum torque.



Caution Orient the thermistor wire, as shown Figure 4, before replacing the fan access panel.

8. Place the fan access panel over the opening. Insert and tighten the access panel screw to between 3.0 lb · in minimum torque and 3.6 lb · in maximum torque.



Caution Reorient the chassis to an upright position and ensure there are no loose parts prior to plugging in the power cord.

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