

EVGA Thermal Pad Mod Installation Guide

The following instructions and pictures are provided to assist you with the installation of the EVGA GTX™ 1080/GTX™ 1070 Thermal Pad Mod. Please be careful when removing the backplate and heatsink; there are several very small screws used, which can be easily stripped.

Accessory List:

1x Narrow Thermal Pad



1x Wide Thermal Pad



1x Thermal Grease

Required Hardware:

Phillips #1 Screwdriver (not included)

Small Flat-head Screwdriver (not included)

Installation:

- 1) Remove the 4 (four) circled spring-screws on the back of the card to separate the heatsink from the card, and turn the card over:

GTX 1080/1070



GTX 1080/1070 FTW



- 2) Before removing the heatsink, you must carefully disconnect the LED and fan connectors first. We recommend using a small flat-head screwdriver, but the connectors may also be carefully removed with your fingers by gently rocking the connector side-to-side. However, pulling on the wires may damage the fan wiring and/or connector. Start with the LED connector by inserting the edge of the flat-head screwdriver in the middle of the connector. Gently raise the edge of the screwdriver until it contacts the lip of the header and continue to use gentle pressure. You may need to repeat this step until the connector finally eases loose:

GTX 1080/1070



GTX 1080/1070 FTW

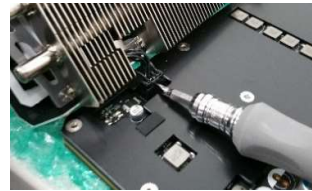


- 3) After removing the LED connector, carefully raise the heatsink away from the LED connector. Using the same method as before, remove the fan connector and carefully set the heatsink aside.

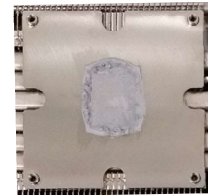
GTX 1080/1070



GTX 1080/1070 FTW



- 4) EVGA recommends cleaning the GPU and heatsink, then applying the included thermal paste or your own preferred thermal paste to the GPU prior to reassembling the heatsink. This step is optional, but may reduce cooling performance if skipped.



If you choose to clean and replace the thermal paste, be sure to fully clean the GPU with high-percentage Isopropyl Alcohol—preferably 90% or higher—and a lint-free cloth to remove all thermal compound.



After, apply the included thermal grease. EVGA suggests using a small amount (e.g. slightly smaller than a grain of rice) in the center of the GPU. If you use your own thermal grease, please follow the manufacturer's instructions for application.

- 5) Next, apply the "Narrow" thermal pad to the area marked in the image. Remove the plastic on one side and place the thermal pad strip over the area outlined in the image. Finally, remove the plastic from the other side of the pad.

GTX 1080/1070



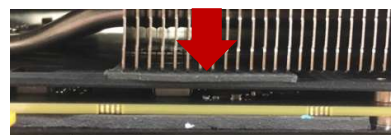
GTX 1080/1070 FTW



The baseplate should look like this when finished:

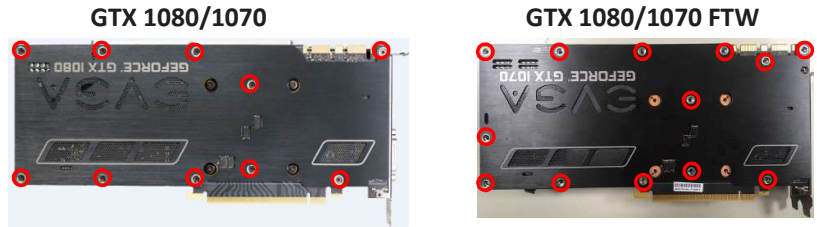


Make sure that the thermal pad does not extend beyond the edges of the baseplate:

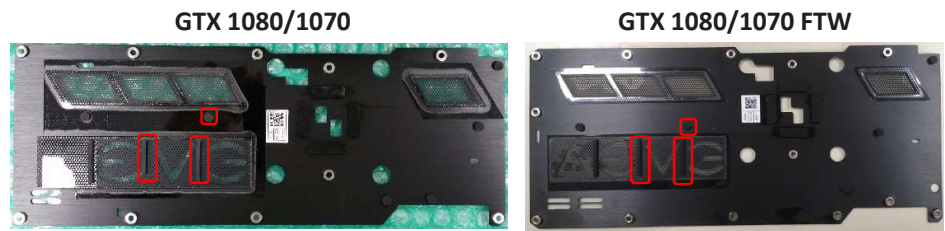


6) After adding the thermal pad, reconnect the fan connector to the PCB, reconnect the LED connector, and then carefully place the heatsink back onto the GPU. Carefully, turn the card over and tighten down the 4 (four) spring screws you removed earlier in Step 1.

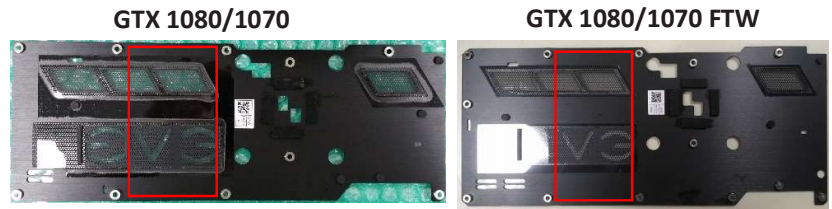
7) Next, remove the screws holding down the backplate - circled here – and remove the backplate:



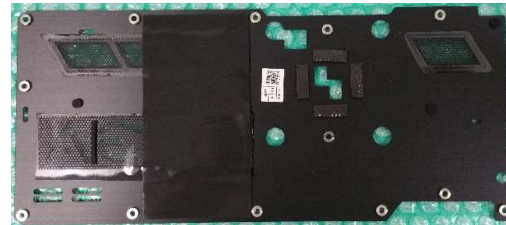
8) Once the backplate is off, turn it over and remove the outlined rubber standoffs:



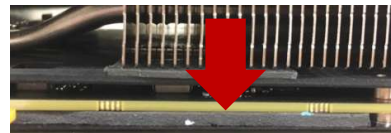
9) Next, apply the “Wide” thermal pad, as marked in the image. Remove the plastic on one side and place the thermal pad strip over the area outlined in the image. Finally, remove the plastic from the other side of the pad.



The backplate should look like this when finished:



Make sure that the thermal pad does not extend beyond the edges of the backplate:



10) Reinstall the backplate, making sure to refasten all previously removed screws from Step 7. The thermal mod is now complete:



Important Information

The EVGA Thermal Pad Mod for selected GTX™ 1080 and GTX™ 1070 graphics cards is an optional cooling configuration intended to improve cooling performance. EVGA maintains that your graphics card will work as originally intended without applying the Thermal Pad Mod, but offers this Thermal Pad Mod free-of-charge and covered under warranty, provided that installation of the Thermal Pad Mod is performed on officially-supported graphics cards and not inconsistent with this manual. Although EVGA has tested the Thermal Pad Mod in a controlled environment with the result of lower temperatures in specific areas of supported graphics cards, EVGA does not guarantee similar results upon successful completion of this Thermal Pad Mod by the recipient of the Thermal Pad Mod kit or a third-party. The EVGA graphics card warranty may be void if the end-user causes intentional physical or water damage to the graphics card during the course of installation of the Thermal Pad Mod; installation of the Thermal Pad Mod, however, will not void your warranty, even in the case of accidental damage, if installation is consistent with this Thermal Pad Mod Installation Guide. EVGA will not be held liable for the physical or water damage of your GTX™ 1080, GTX™ 1070 or any other associated hardware if damage is caused to the graphics card intentionally.