

1 KOOLANCE VID-NX295S Installation Guide v 1.0

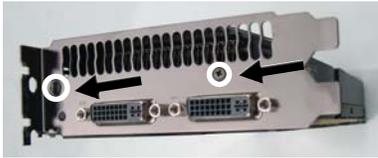
NOTE: The video card should be removed from the chassis in order to install this cooling device.

CAUTION: Removal of the original heat sink may void your manufacturer's hardware warranty. Please consult the manufacturer if unsure, and keep all original parts in case of a return/RMA. Installation of water cooling products is done at the user's own risk.

The rear video card screws should be removed first. There should be about 17 of these on the bottom of the card. This will allow removal of the back plate(s). Be sure to check beneath any labels for additional screws.



Remove both screws on the L-Bracket (if present).

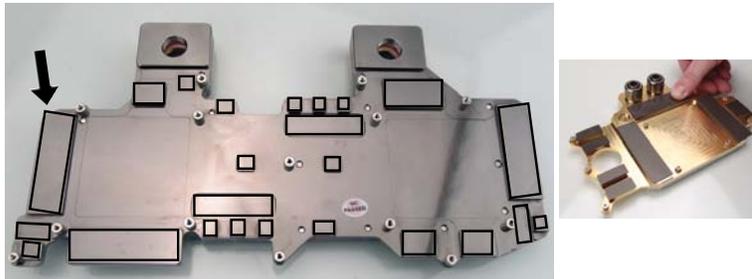


Spread thermal compound on both GPUs thinly and evenly using the included paste packet, or a piece of thick paper (such as a business card). Thermal paste should not be placed on any surrounding components.

The included thermal pad sheet must be cut into pieces required for your video block contact areas (shown below).

Thermal pads may have plastic film on one or both sides that must be removed before application.

Place heat transfer pads to cover each additional area cooled by the Koolance liquid block. This includes memory rows and power/VReg areas. Thermal pads can be cut to accommodate different shapes. (See insert sheet for details.)



Also apply thermal padding to the marked areas on the Koolance rear back plate.



2 With a flat screwdriver, depress the locking tabs around the edges of the heat sink to release its cover.

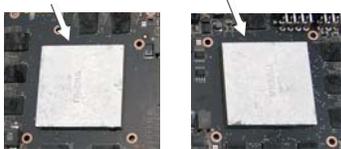


There are likely 4 tabs on both the top and bottom edges of the heat sink cover.

Now release all 9 screws above the card: 4 on each GPU heat sink, and 1 small corner screw. Also disconnect the fan wire.



The heat sink and fan can now be **carefully** removed from the video board. All original thermal paste and padding should be cleaned off the card. Replacements are provided with the Koolance water block.

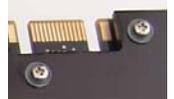


Thermal paste is only required on the two main GPU's. The other areas will utilize the included heat transfer pads.

4 With all thermal material now in place, position the Koolance back plate behind the video card with the primary water block in front.



During reassembly, use the Koolance-supplied screws and plastic insulating washers.



Tighten the rear plate and water block to the video card with the included screws and washers.



There are 17 screws. 14 thread into the front water block. The remaining 3 are threaded into the included Koolance metal pegs shown below:

