

## Connecting VID Coolers in SLI

When connecting VID coolers in series (such as in SLI), Koolance offers an optional direct-connect nozzle. This minimizes liquid routing while avoiding potential conflicts with hardware in between the video cards.



Optional Two Slot Dual Video Connector  
(Koolance CNT-VD2)

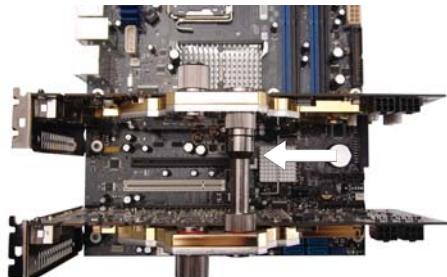


Optional Three Slot Dual Video Connector  
(Koolance CNT-VD3)



Optional Four Slot Dual Video Connector  
(Koolance CNT-VD4)

Optional Five Slot Dual Video Connector  
(Koolance CNT-VD4)



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.



The spring-screws on the bottom side should be removed first. There should be 8-12 of these on the video card. There may also be smaller mounting screws on the side of the L-bracket.



Example 1: 8800GTX Disassembly Screws



Example 2: 8800GTS Disassembly Screws

The heat sink and fan can now be **carefully** removed. Original thermal paste may present additional resistance while removing the heat sink. Unplug the heat sink fan wire. Remove the original RAM thermal transfer material, and wipe any residual thermal material from the main GPU chipset.

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

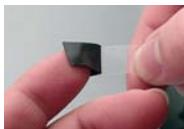


8800GTS/GTX/Ultra Thermal Paste Area



8800GT Thermal Paste Area

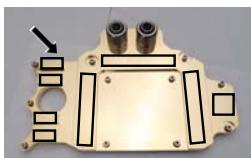
Spread thermal compound on the GPU thinly and evenly using the included paste packet, or a piece of thick paper (such as a business card). Thermal paste should not be placed on the surrounding metal support frame or small surface soldered components.



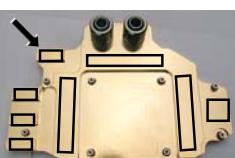
Heat transfer pads have plastic film on *one* or *both* sides that must be removed before application.



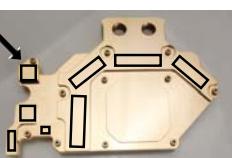
Place the 8 heat transfer pads on each additional area cooled by the Koolance liquid block. This includes 3 rows of memory, 4 power/VReg areas, and 1 PCI-Express controller chip.



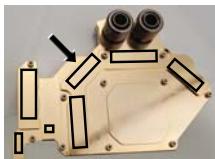
8800GTX/Ultra Thermal Pad Areas



8800GTS 320MB / 640MB Thermal Pad Areas



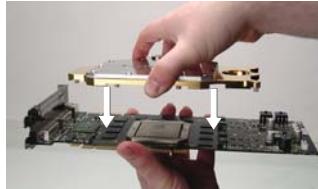
8800GT Thermal Pad Areas



8800GTS 512MB Thermal Pad Areas

3

Place the Koolance block over the video card and tighten each spring-screw on the reverse side of the card.



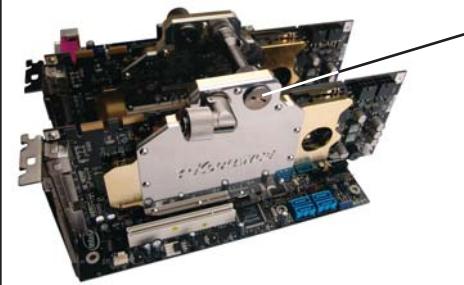
*Using the Koolance-supplied screws and plastic insulating washers, tighten each screw on the reverse side of the card.*



Koolance-Supplied Screw and Insulating Washer



Koolance VID coolers include redundant G1/4 threading on both sides. This means the input/output nozzles can be placed on either side of the cooler.



Two G1/4 "caps" are included with the VID coolers which can be placed opposite the desired nozzle locations.