1 **KOOLANCE** **VID-NV1-L06 Installation Guide** v 1.0

NOTE: The VID-NV1-L06 is designed for **GeForce6-based 6800 GT and Ultra** cards. It will not fit regular GeForce 6800 cards. The video card should be removed from the chassis in order to install this cooling device.

⚠️ **CAUTION:** Removal of the original heat sink my void your manufacturer's hardware warranty. Please consult the manufacturer if unsure, and keep all original parts in case of a return/RMA.

Most GeForce 6800 GT and Ultra cards are disassembled the same way, although your specific model may vary.
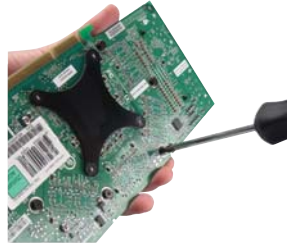
The mounting screws on the bottom side should be removed first. There may be 8 or more of these on your 6800 GT or Ultra card.
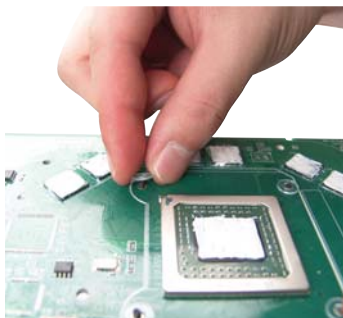
2

After removing the top RAM heat sink and cooling fan (along with unplugging the fan wires), the main chipset heat sink is removed. There are usually 4 screws on top of the card to do this.

Additional thermal paste will likely be required on the GPU chipset and RAM modules after removing the original heat sinks.

Apply a small amount to each chip, taking care with the GPU to *coat only the raised center core*. The outer portion of the chipset and metal frame do not require thermal paste.

Spread the thermal compound evenly to cover each chip using the paste packet, or a piece of thick paper (such as a business card).
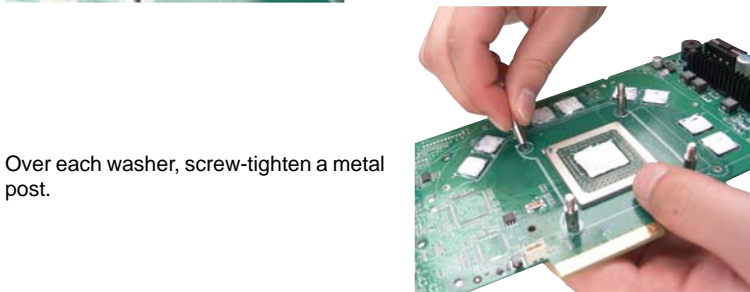
3

Remove all hardware nuts, washers, and metal posts from the Koolance black rear brace. Then, insert it into the back side of the video card.
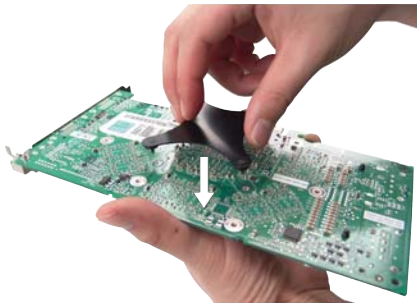
This piece aligns with the same 4 mounting holes as the original rear heat sink brace.

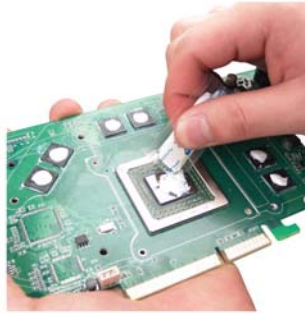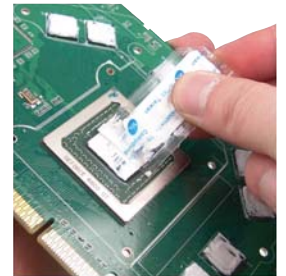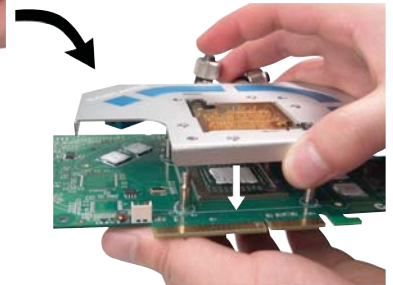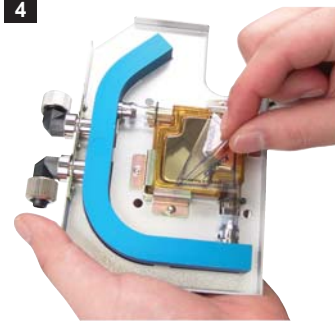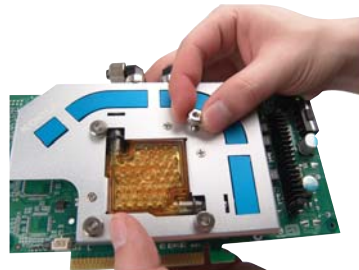On front of the card, place plastic insulating washers on each of the 4 brace mounting screws.

Over each washer, screw-tighten a metal post.

4

Remove the protective film from the bottom of the chipset cooler and mount it to the video card.

Finally, screw-tighten a mounting nut firmly to each metal post.

NOTE: Video card RAM chips are not perfectly flat with one another. To make sure your VID-NV1-L06 is making the best contact possible for your card, remove the cooler and examine the distribution of thermal paste.

A missing or inadequate "spot" might be corrected by further tightening a top mounting nut (gradually), or applying more thermal paste to the chip.