

# STEALTH VGA WATER-BLOCK (R3)

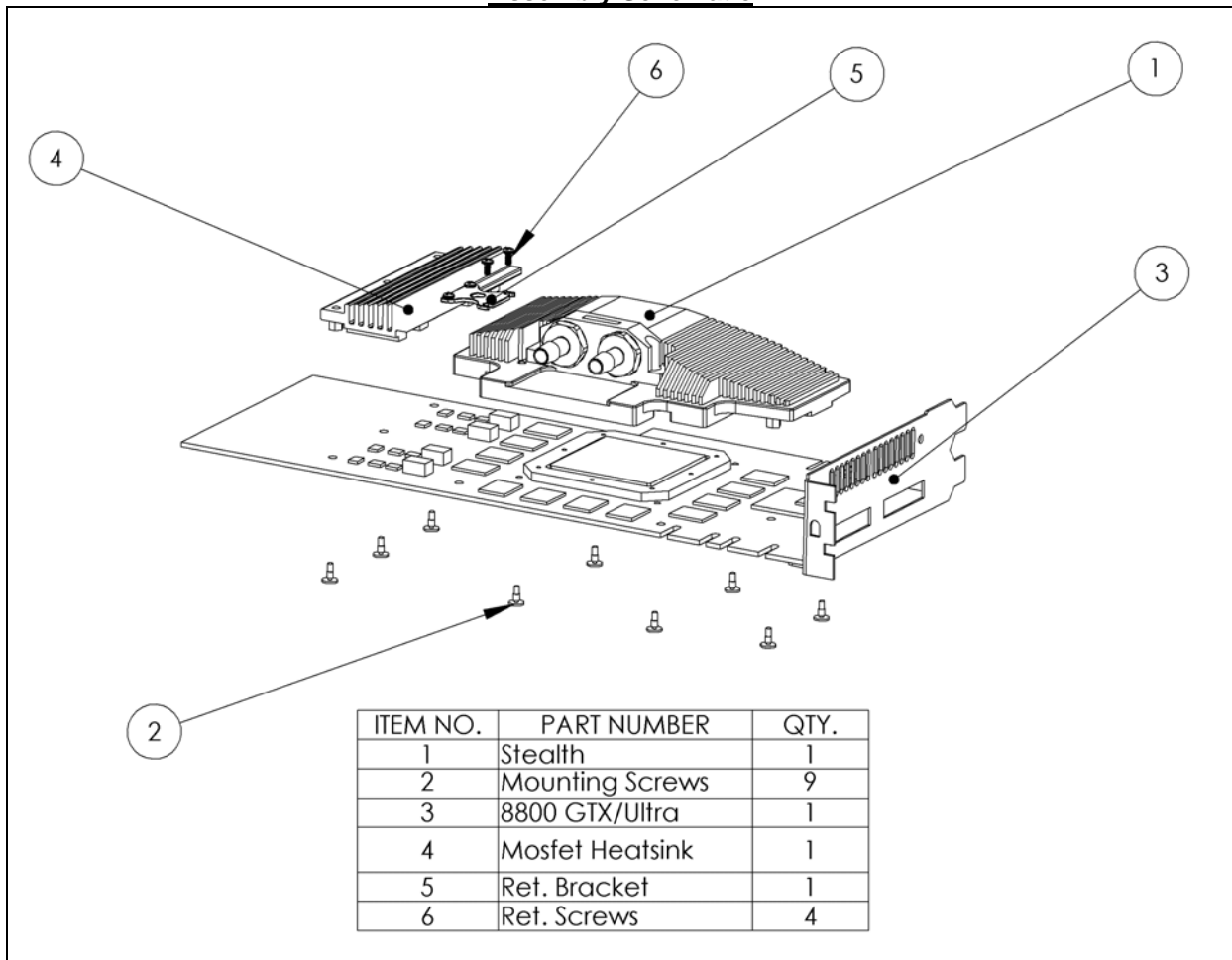
## INSTALLATION GUIDE

Thank you for purchasing the Stealth water-block. This product is intended for expert users. Please consult with a qualified technician for installation. Improper installation may result in damage to your components. Swiftech™ assumes no liability whatsoever, expressed or implied, for the use of this product, nor its installation. The following instructions are subject to change without notice. Please visit our web site at [www.swiftech.com](http://www.swiftech.com) for updates.

### Packing List

Qty	Description
1	Stealth water-block
1	Arctic Céramique™ thermal grease
2 ea.	1/2" barbs and hose clamps
9	Spring-loaded screws
1	Mosfet heatsink with mounting hardware

### Assembly Schematic



## Step-by-step instructions

### Cleaning

Substrate surfaces should be clean and dry prior to the thermal pad application to ensure best thermal performance. Isopropyl alcohol (isopropanol) applied with a lint-free wipe or swab should be adequate for removing surface contamination such as dust or fingerprints.

**More aggressive solvents (such as acetone, methyl ethyl ketone (MEK) or toluene are required to remove heavier contamination from previous thermal grease but should be followed by a final isopropanol wipe as described above.**

### Mechanical installation

**Step 1:** Fasten the provided fittings to the Stealth water-block using a 5/8" "deep socket". Give each fitting a firm lock to prevent it from loosening.



**Step 2:** Remove the existing cooling solution from the graphics card, then carefully clean off the GPU, the RAM modules and the NVIO chip with an electronics degreaser; squeeze the equivalent of a dime of Arctic Céramique™ thermal compound at the center of GPU and a tiny drop on each of the memory modules and NVIO chip.

**Peel-off the plastic protection from the copper base of the Stealth, BUT DO NOT ATTEMPT TO PEEL-OFF the thin blue film covering the memory module thermal pads, as it is a permanent part of the thermal pads.**

**Step 3:** Position the Stealth on your graphic card then flip the card over while keeping the water block mounting holes aligned with the card mounting holes, and fasten the 6 spring-loaded screws progressively & alternatively. The memory pads do compress quite a bit, so make sure to reach a positive lock when tightening the screws!

**Step 4:** Install the Mosfet heatsink on the VGA adapter Mosfet. Fasten the 3 remaining spring-loaded screws alternatively. **DO NOT TIGHTEN THEM ALL THE WAY DOWN FOR NOW.** Fasten the Philips screws to attach the retention bracket to the Stealth waterblock. Finally, tighten down the 3 spring-loaded screws.

**Last Step:** Re-install the graphics card to the motherboard, connect the tubing to the Stealth water-block and secure the tubing with the provided hose-clamps.

***Always test your setup extensively for leaks before you energize your system!***

### **IMPORTANT DISCLOSURES**

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