

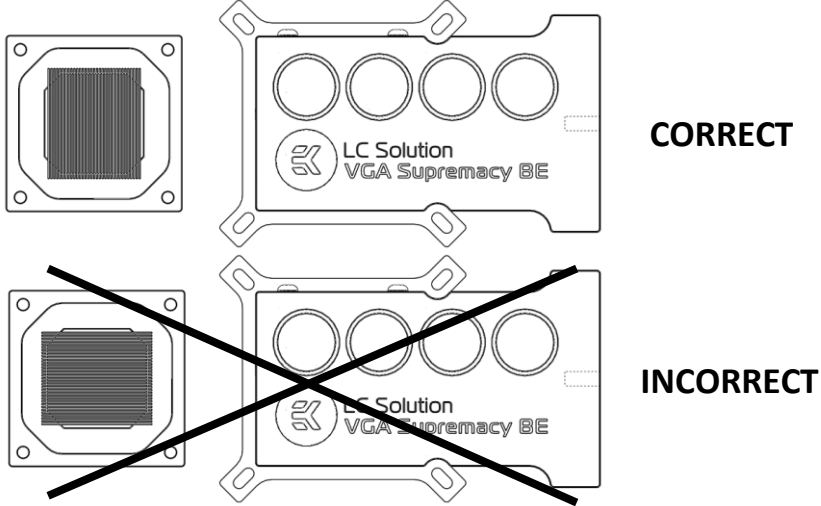
This product is intended for installation only by expert users. Please consult with a qualified technician for installation. Improper installation may result in damage to your equipment. EK Water Blocks assumes no liability whatsoever, expressed or implied, for the use of these products, nor their installation. The following instructions are subject to change without notice. Please visit our web site at [www.ekwb.com](http://www.ekwb.com) for updates. Before installation of this product please read important notice, disclosure and warranty conditions printed on the back of the box.

Before you start using this product please follow these basic guidelines:

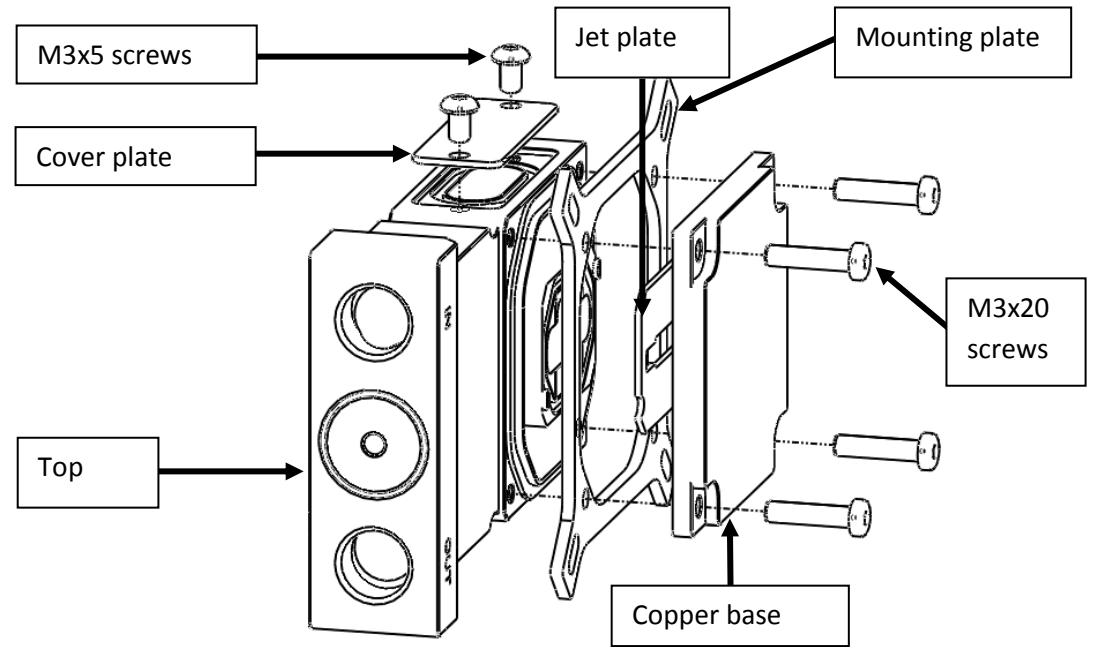
1. Please carefully read the manual before through before beginning with the installation process!
2. Please remove your motherboard from the computer to assure safest mounting process in order to prevent any possible damages to your CPU and/or motherboard's circuit board (PCB).
3. The EK High Flow and EK-PSC type fittings require only a small amount of force to screw them firmly in place since the liquid seal is ensured by the rubber o-ring gaskets.
4. The use of corrosion inhibiting coolants is always recommended for any liquid cooling system.

## STEP 1: GENERAL INFORMATION

Please remove your card from the computer to assure safest mounting process possible in order to prevent any possible damages to your PCB. Picture below represents the correct orientation of water block when conducting a possible re-assembly of the product.



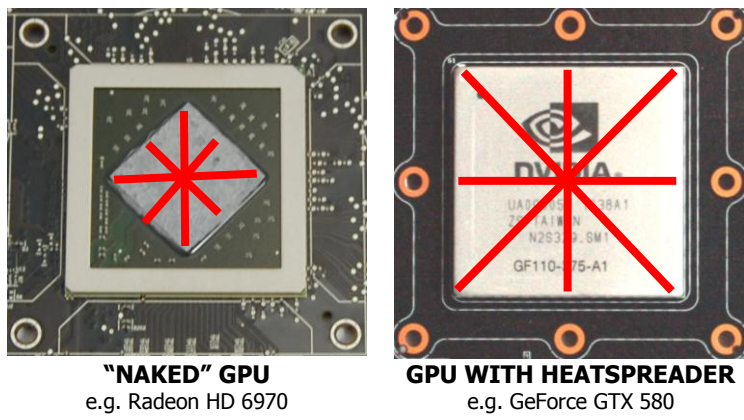
## STEP 1 cont.: GENERAL INFORMATION



## STEP 2: PREPARING YOUR HARDWARE

**CLEANING THE GPU.** Wipe off GPU (by using non-abrasive cloth or Q-tip). EKWB does not recommend using any liquids for removing paste.

**APPLYING THERMAL COMPOUND.** Apply thermal compound: lightly coat GPU chip with enclosed Arctic Cooling MX-2™ thermal grease. EKWB recommends to apply thermal grease in cross form for best performance (see picture below).

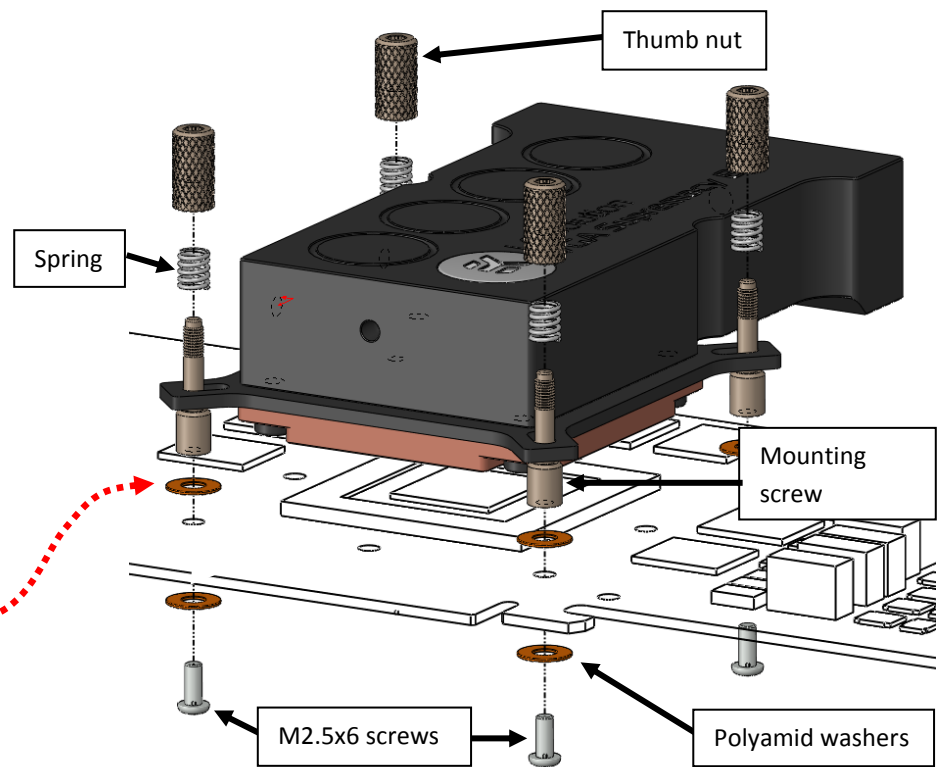


## STEP 3: ATTACHING WATERBLOCK

Please make sure to install the waterblock so the G1/4 threaded inlet/outlet ports are turned away from the PCI-e connector slot! Only this way you will be able to connect block properly into loop.

Thumb nut is to be fastened by hand. Please use enclosed allen key only if necessary. Once thumb nut can't be turned any more the maximum mounting force has been reached. If the mounting screw eventually starts turning maximum force has been reached.

**!!!VERY IMPORTANT!!!**  
**GPU WITH HEATSPREADER (IHS):**  
 Replace standoffs with enclosed with standoffs (2.1mm)  
**»NAKED« GPU:**  
 Use 0.8mm washers.



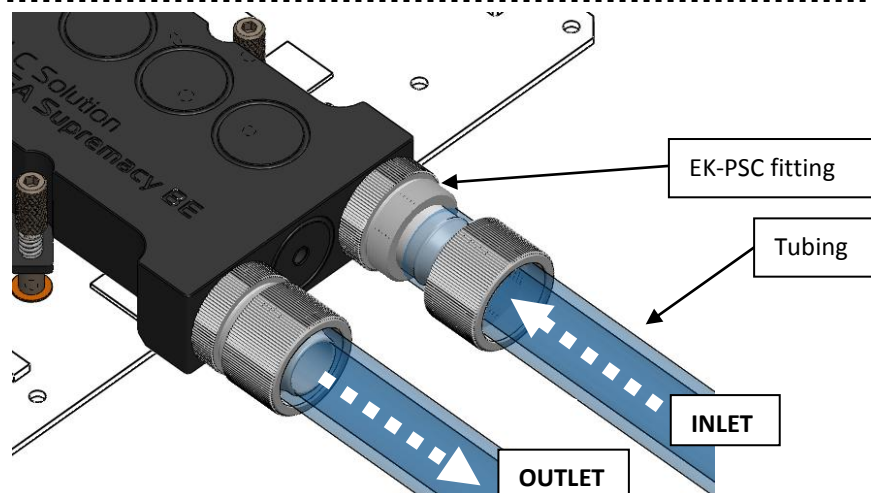
## STEP 4: CONNECTING WATER BLOCK

This waterblock can be installed for use with either barb/fittings (**type A**) or EK-FC Bridge Parallel CSQ series interconnects (**type B**). Carefully identify the direction of the flow in your circuit. For the EK-VGA Supremacy series water block to operate properly it is mandatory to use the dedicated INLET/OUTLET openings as shown on picture below:

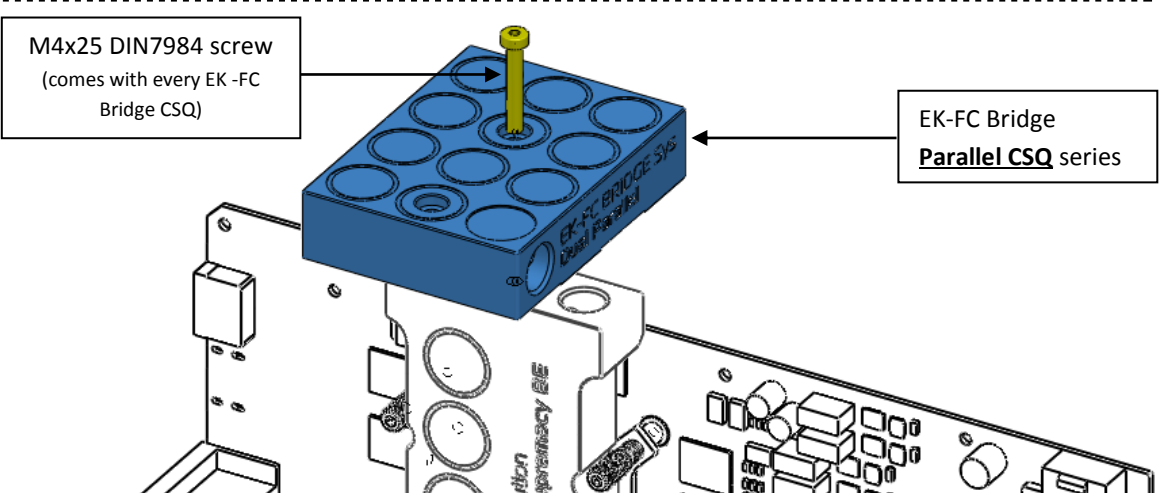
Type A: To ensure tubing is securely attached to the barb/fittings use hose clamps or an appropriate substitute. EK recommends the use of EK-PSC compression fittings!

Type B: Attach the waterblock(s) to any EK-FC Bridge Parallel CSQ interconnect. Use only port on the left side of the bridge as inlet port!

**Type A:** Using barbs/fittings to connect the water block into the liquid cooling loop.



**Type B:** Using EK-FB Bridge Parallel CSQ series interconnect for connecting two or more water blocks.



## IMPORTANT DISCLOSURES

**VERY IMPORTANT NOTICE:** Once the installation is completed, it is a recommended practice to test the cooling circuit for leaks prior to powering up the computer. We recommend a 24 hour leak test prior to powering up the computer. While all efforts have been made to provide the most comprehensive tutorial possible, EK Water Blocks assumes no liability expressed or implied for any consequential damage(s) occurring to your equipment as a result of using EK Water Blocks cooling products, either due to errors or omissions on our part in the above instructions, or due to failure or defect in the EK Water Blocks cooling products.