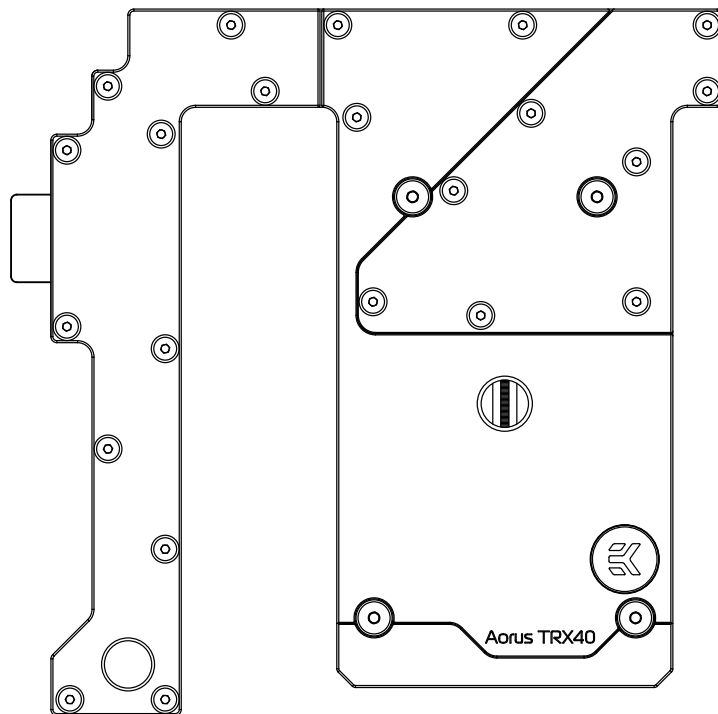


EK-Quantum Momentum TRX40 Aorus Master

MONOBLOCK



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 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:

Please carefully read the manual thoroughly before beginning with the installation process!

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).

The EK- 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.

The use of quality, market proved corrosion inhibiting coolants is always strongly recommended for any liquid cooling system.

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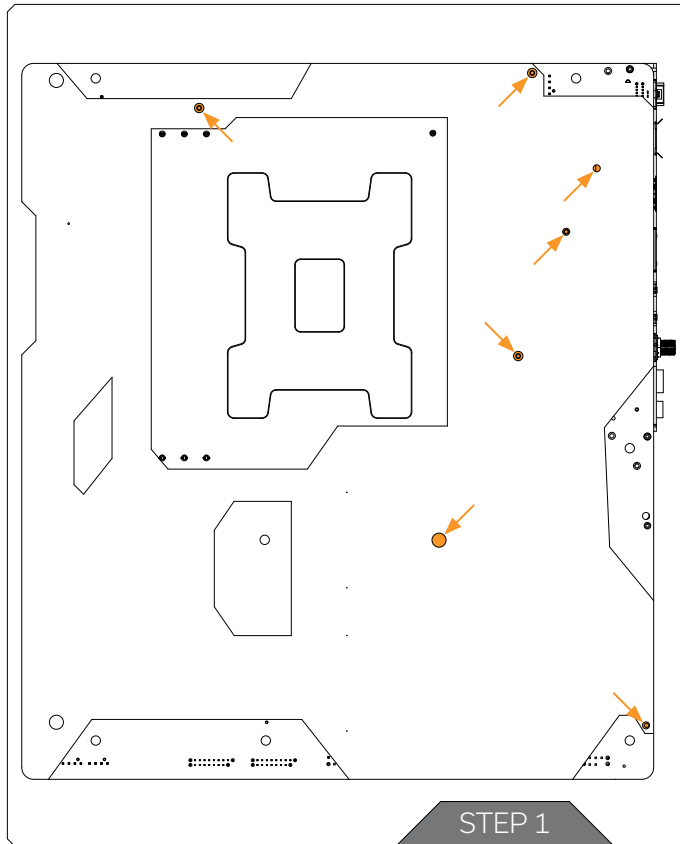
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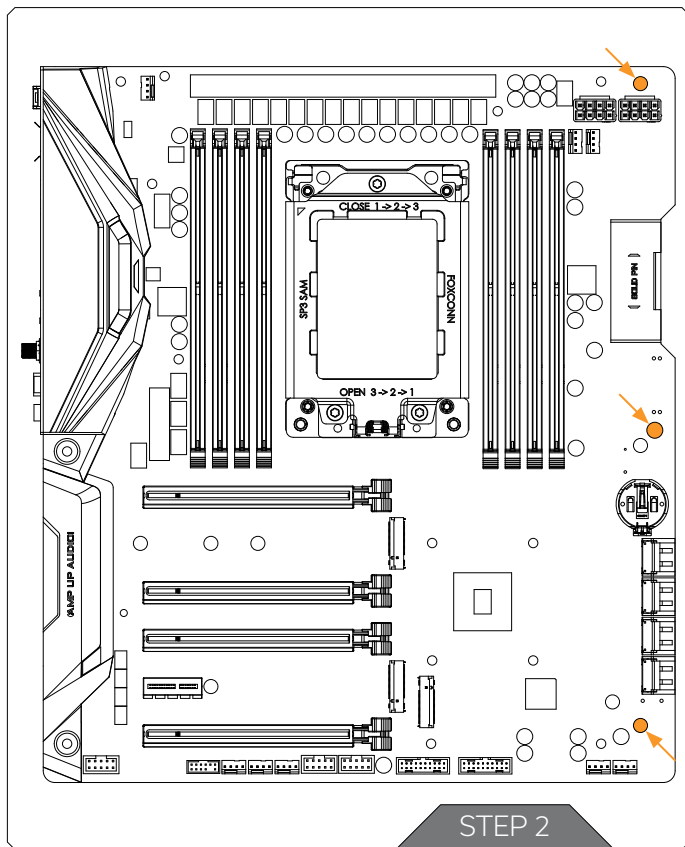
PREPARING YOUR MOTHERBOARD

REMOVING FACTORY PROVIDED BACKPLATE

STEP 1

Remove all encircled screws. There are seven (7) screws on the back of the motherboard that needs to be removed. Please store away the factory backplate as it will be reused.



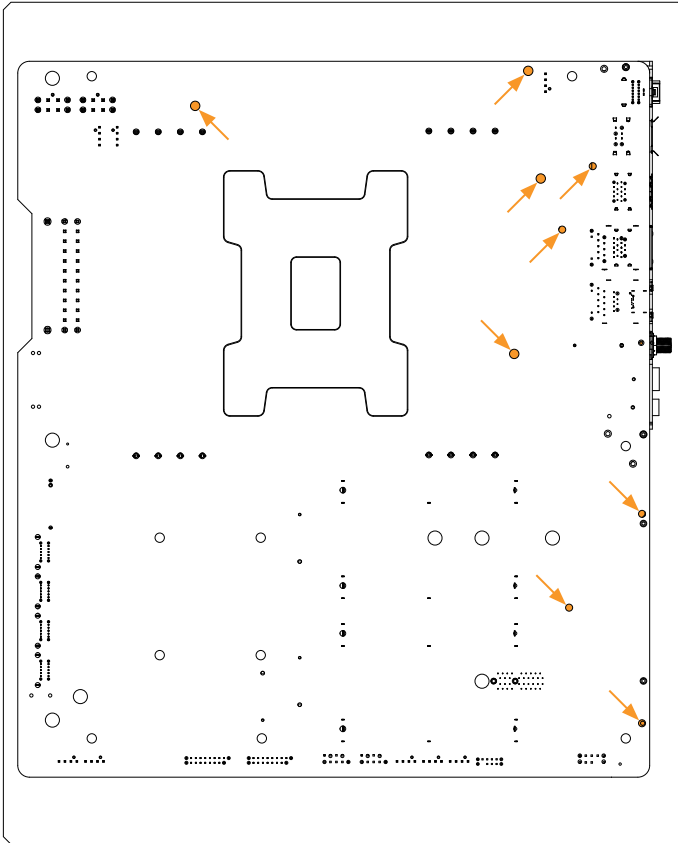


STEP 2

After removing the mention screws also remove three (3) remaining screws from the front side of the motherboard(as shown on the photo) using Phillips head screwdriver and take off the factory provided backplate.

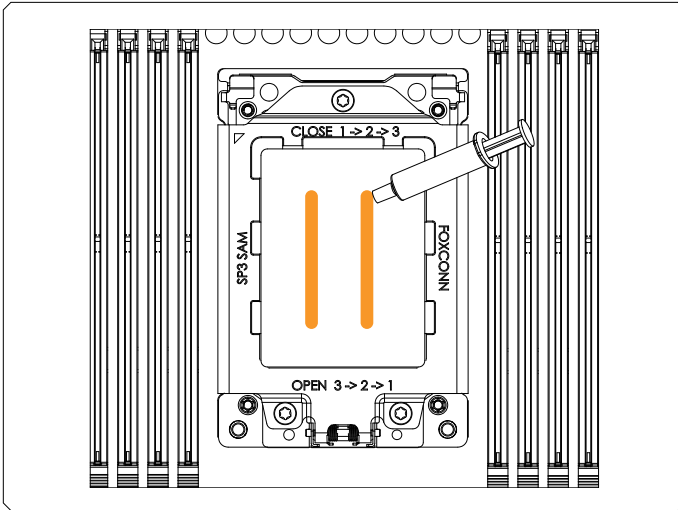
REMOVING STOCK COOLER

Remove all the encircled screws and standoffs (as shown on the photo) in order to remove I/O cover and mosfet heat pipe cooling solution. You can attach the I/O cover back, after you mount the Monoblock.



APPLYING THERMAL COMPOUND

Apply thermal compound on CPU heat spreader with enclosed thermal grease(as shown on the photo). There is no need to cover the whole IHS. Applying too much thermal grease will have negative impact on the cooling performance!



CUTTING THERMAL PADS

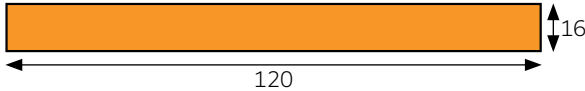
Your block comes with thermal pads which needs to be trimmed in order to fit the voltage regulation area (MOSFET) on the motherboard's circuit board.

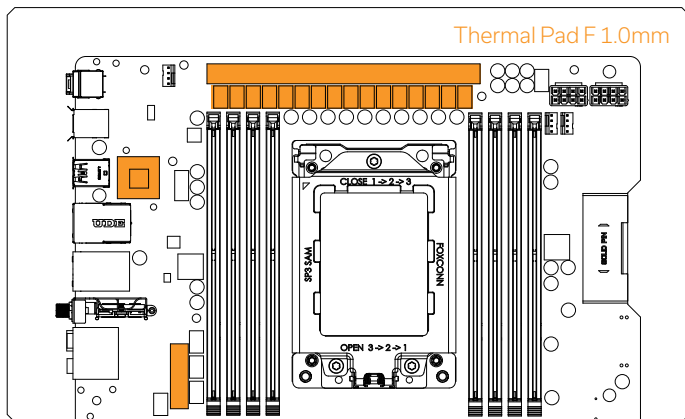
1. Thermal PAD F 1,0mm - (120x16mm) EAN: 3830046996732



WARNING: Dimensions on pictures below are scaled.

Thermal Pad F – 1.0 mm





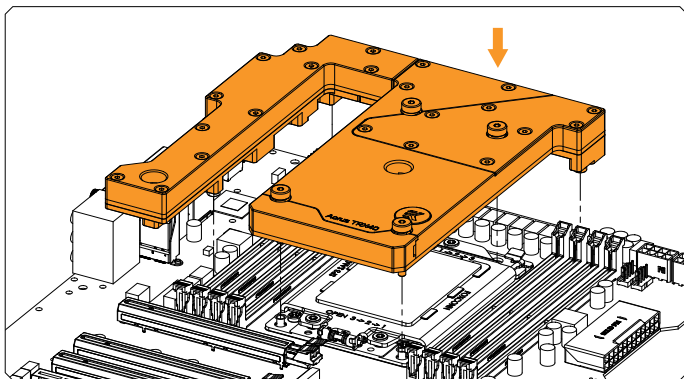
PLACING THERMAL PADS ON THE MOTHERBOARD

Place thermal pads on PCB as shown on the picture.



Please remove the protective foil from both sides of the thermal pads prior to installation!

PLACING THE BLOCK ON TO MOTHERBOARD



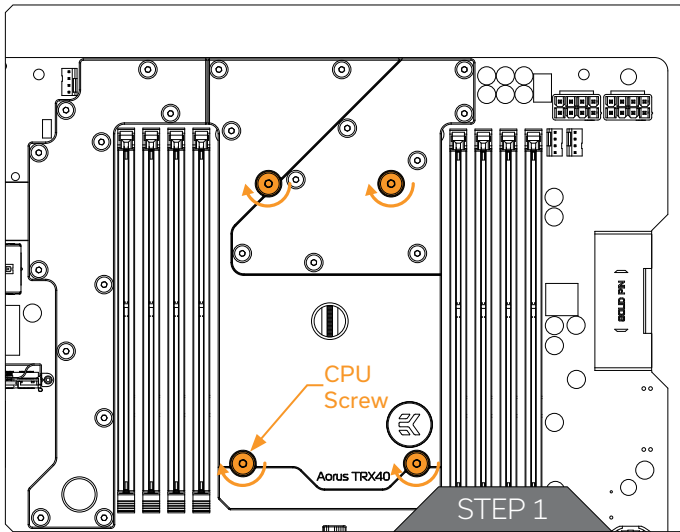
Place the EK-Quantum Momentum TRX40 Aorus Master Monoblock series water block to the motherboard or vice versa (as shown on the photo). Make sure that mounting holes are aligned.

ATTACHING BLOCK ON THE MOTHERBOARD

STEP 1

Prior to fastening the screws please make sure the mounting holes on the motherboard's circuit board are aligned with the water block.

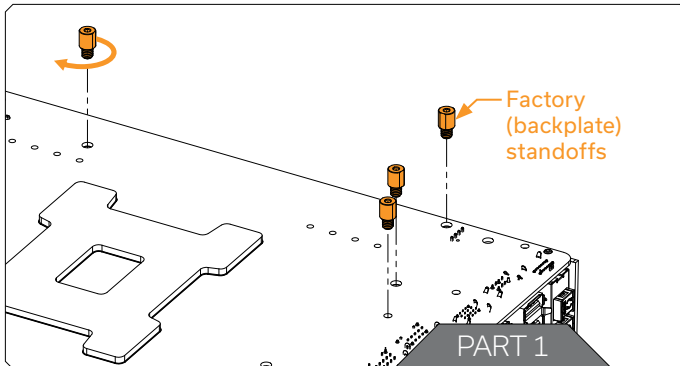
CPU part: Carefully tighten all the marked screws carefully using 2.5 mm Allen Key. Do not use excessive force.

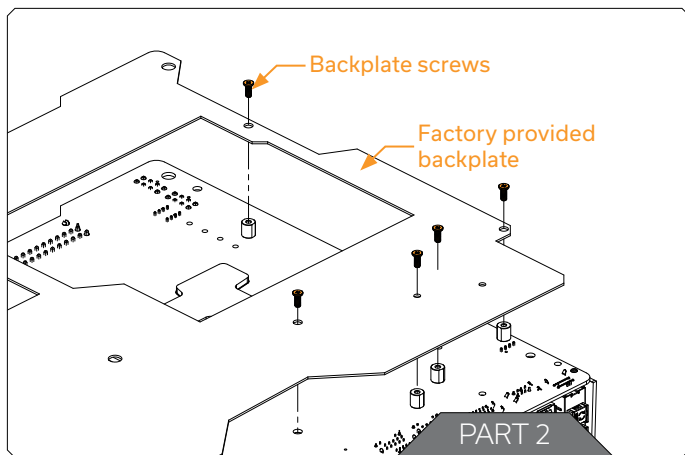


Mosfet part

PART 1

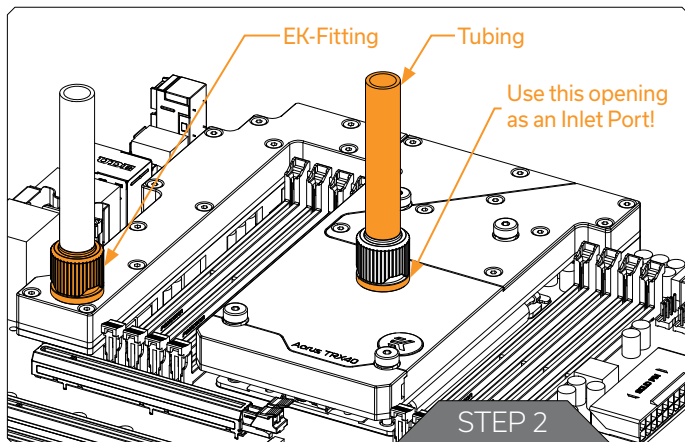
Before placing backplate back on to the motherboard, attach four (4) backplate standoffs (as shown on the photo).





PART 2

Carefully place the backplate back on the motherboard and secure the mosfet part with Factory provided motherboard (backplate) screws.



STEP 2

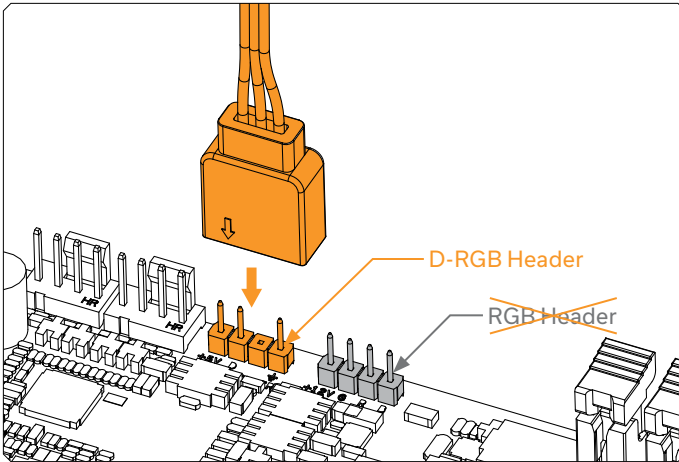
EK recommends the use of EK-Fittings. When using fittings other than EK series please use hose clamps or appropriate substitute to secure the tubing to the barb. The use of biocide containing and corrosion inhibiting coolant is always recommended for any liquid cooling system.

CONNECTING THE D-RGB LED STRIP

Plug the 3-pin connector from Monoblock D-RGB LED strip to the motherboard.

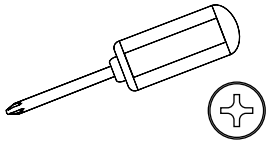


Please ensure that the arrow indicated on the connector is plugged into the +5V line as indicated on your motherboard. Failure to do so will damage your motherboard or LED strip.

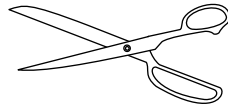


REQUIRED TOOLS

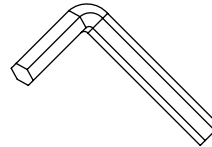
Phillips-head screwdriver



Scissors



Allen Key




SUPPORT AND SERVICE

For assistance please contact:

<http://support.ekwb.com/>

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SOCIAL MEDIA

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