

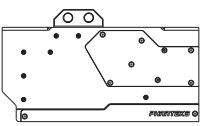
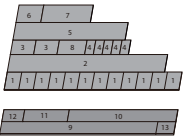
GLACIER G3090Ti ASUS WATERBLOCK

PH-GB3090TIAS_BK01/CR01

INSTALLATION GUIDE V1.0

PACKAGE CONTENTS

For latest version check www.Phanteks.com

	GLACIER GB3090TIAS QTY: 1		Thermal Pads QTY: 2		Thermal Compound PH-NDC-01 QTY: 1
	GLACIER Stop Fitting QTY: 2		M2.5x5 Screws/Washers QTY: 4/4		Phanteks D-RGB Cable QTY: 1
					Phanteks D-RGB Motherboard Adapter QTY: 1

WARNING – This product is intended for advanced users. Improper installation may result in damage to your equipment. While all efforts have been made to provide the most comprehensive information possible, Phanteks assumes no liability expressed or implied for any damage(s) occurring to your components as a result of using Phanteks cooling products, either due to mistake or omission on our part in the below instructions, or due to failure or defect in the Phanteks cooling products. Do not disassemble the water block. Warranty will be voided.

Turn off the power to your system and discharge your body's static electric charge before proceeding with the installation procedure. If you do not feel comfortable with performing the installation procedure, consult a qualified computer technician.

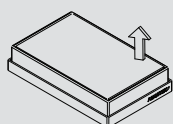
STEP 1. REMOVING STOCK COOLER

Unscrew all highlighted screws to remove the stock cooler.

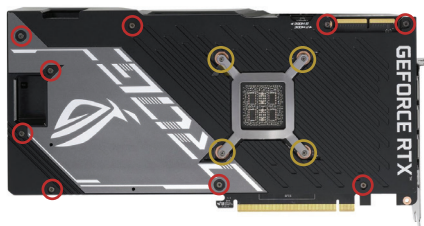
-  backplate screws
-  stock cooler screws

! Make sure to unplug the LED and Fan cables when you remove the stock cooler.

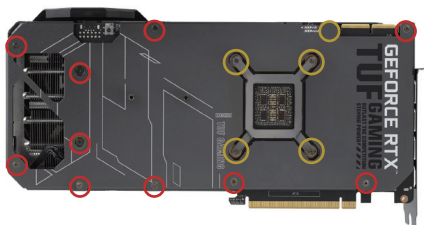
 Take the EVA-Foam from the box to use as a base for your installation process.



ASUS ROG STRIX LC RTX 3090Ti



ASUS TUF GAMING RTX 3090Ti



STEP 2. APPLYING THERMAL PASTE & PADS

Clean off the original thermal compound. We recommend using isopropanol alcohol.

Apply a drop of the Phanteks Thermal Compound to the center of the GPU chip

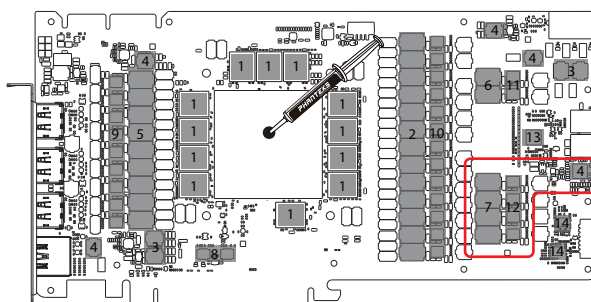
Remove the protective film and place the thermal pads on the correct position on the PCB.

(Pad No. 14 is included with the backplate)

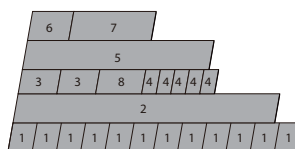
! Make sure to remove the protective film on both sides of the thermal pads.

ASUS ROG STRIX LC RTX 3090Ti

ASUS TUF GAMING RTX 3090Ti



These 3 thermal pads are for STRIX model only.



STEP 3. MOUNT THE WATER BLOCK

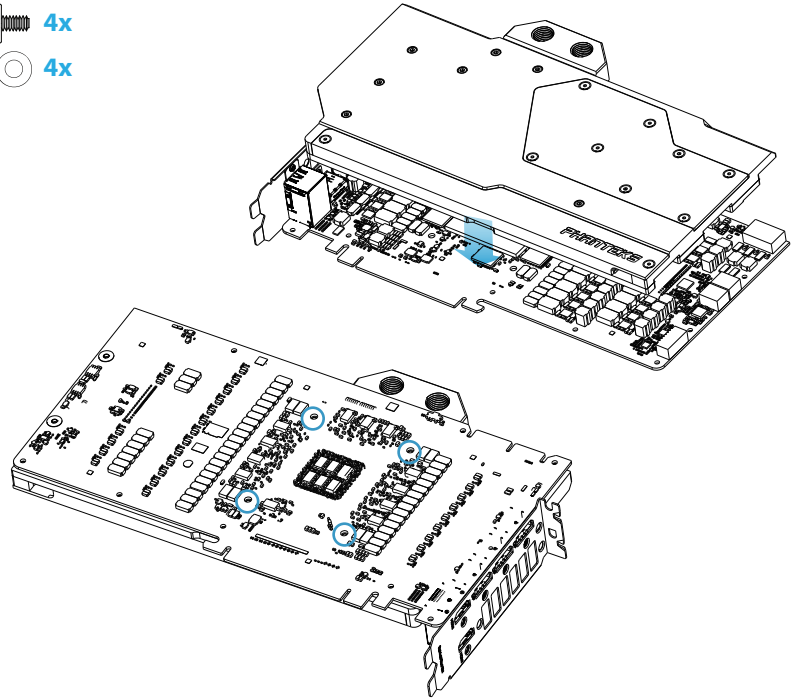
Carefully position the water block onto the graphics card. Align the mounting holes on the PCB with the holes on the water block.

Secure the water block with 4 M2.5x5mm screws and washers to the PCB.



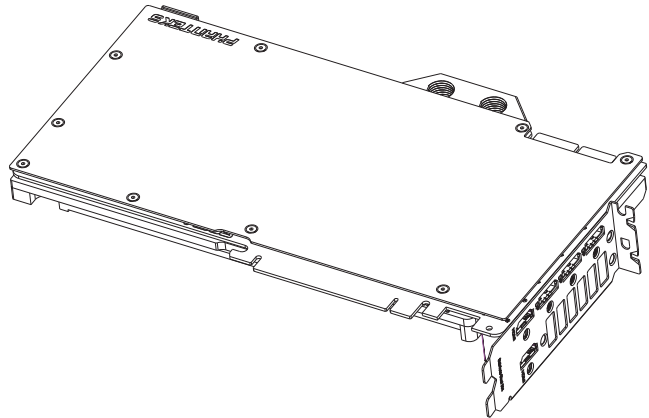
Make sure to lay the GPU with the water block flat down without resting on the PCI bracket.

4x
4x



STEP 4. INSTALL THE GLACIER BACKPLATE

Please follow the Backplate manual for this step.



STEP 5. CONNECT D-RGB LIGHTING

Connect the D-RGB cable to the D-RGB strip in the water block.

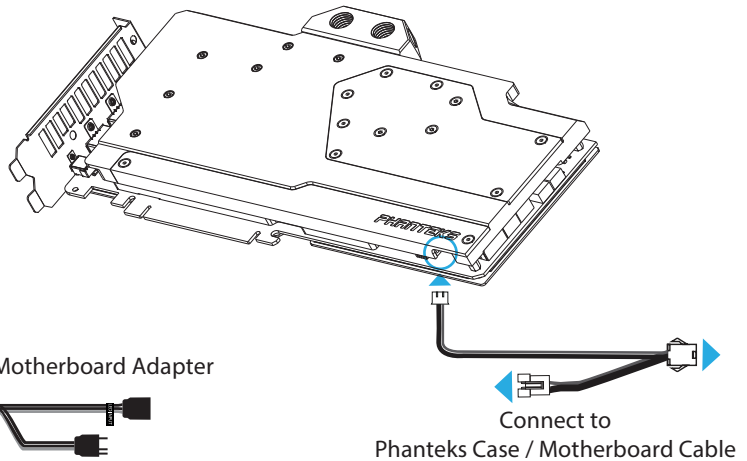


All Phanteks D-RGB products can be daisy-chained together.



You can connect the D-RGB cable to a compatible motherboard with the D-RGB Motherboard Adapter.

D-RGB Motherboard Adapter



Connect to
Phanteks Case / Motherboard Cable

STEP 6. INSTALLING FITTINGS

Install G1/4 threaded male fittings and close the remaining ports with the two included Stop Fittings.



Always perform a leak test before providing power to any system components.

