

**PHANTEKS
G40
ASUS
GPU
Block**



PHANTEKS G40 ASUS GPU Block Installation Guide

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PHANTEKS

PHANTEKS G40 ASUS GPU Block



Specifications

- **Model:** GLACIER EZ-FIT G40 ASUS GPU BLOCK
- **Available Models:** PH-GEF_GPU4090AS_DBK01 (Black), PH-GEF_GPU4090AS_DMW01 (White), PH-GEF_GPU4090AS_DCR01 (Chrome)
- **Scope of Delivery:**
 - M2.5×5 Screw x4
 - 8mm Allen Key x1
 - M3x10 Screw x1
 - M2.5×6 Flush Screw x2
 - M2.5×8 Flush Screw x8
 - Washer x4
 - Support Bracket x1
 - D-RGB Cable x1
 - D-RGB Motherboard Adapter x1
 - Thermal Compound x1

FAQs


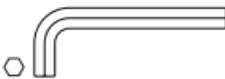

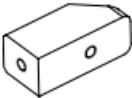








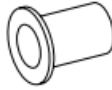


- **Q: Can I use this GPU block on models other than ASUS ROG STRIX RTX 4090 and TUF GAMING RTX 4090?**
 - **A:** The GPU block is specifically designed for ASUS ROG STRIX RTX 4090 and TUF GAMING RTX 4090 models. Using it on other models may not be compatible.
- **Q: Do I need to remove the protective film on thermal pads?**

◦ A: Yes, it is essential to remove the protective film on both sides of the thermal pads before installation.

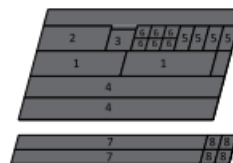
• **Q: How should I plan my water loop before installation?**

◦ A: Plan the inlet and outlet ports according to your water loop setup. The product provides multiple ports for flexibility, so plan accordingly before installing.

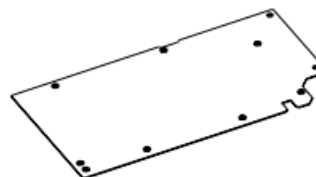
SCOPE OF DELIVERY

	M2.5x5 Screw x4	
	M3x10 Screw x1	
	M2.5x6 Flush Screw x2	
	M2.5x8 Flush Screw x8	
	Washer x4	
	8mm Allen Key x1	
	Support Bracket x1	
	D-USB Cable x1	
	D-USB Motherboard Adapter x1	
	Thermal Compound x1	

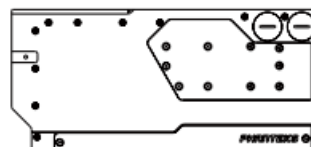
(pre-installed)
M24 Plug Fitting
x2



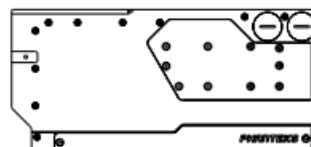
(pre-installed)
Push-in Fitting
x2



Insert
x3



Backplate Thermal Pad
x2 Pre-Cut Pieces



Block Thermal Pad
x2 Pre-Cut Pieces

GB4090AS Backplate
x1

PH-GEF_GPU4090AS block
x1

PLAN YOUR WATER LOOP AND ADJUST THE INLET AND OUTLET PORT ACCORDINGLY.

8mm Allen Key



Tool

Coin

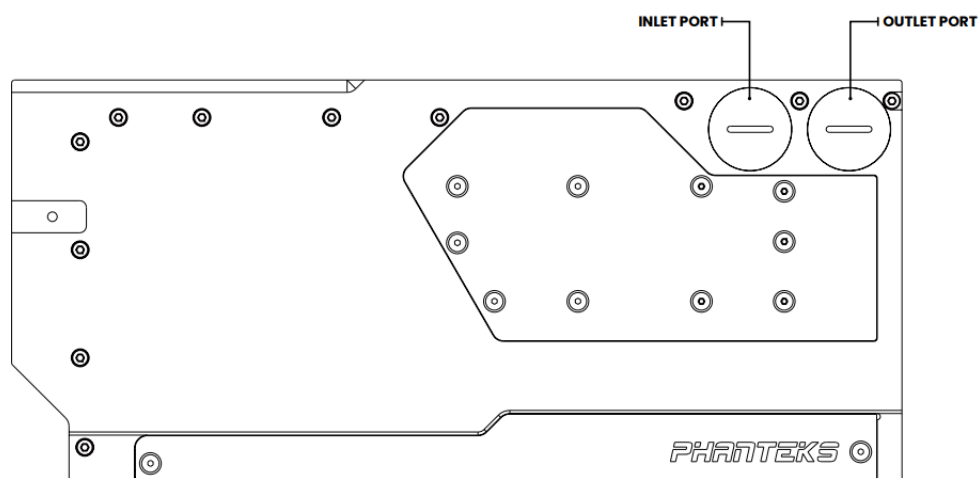


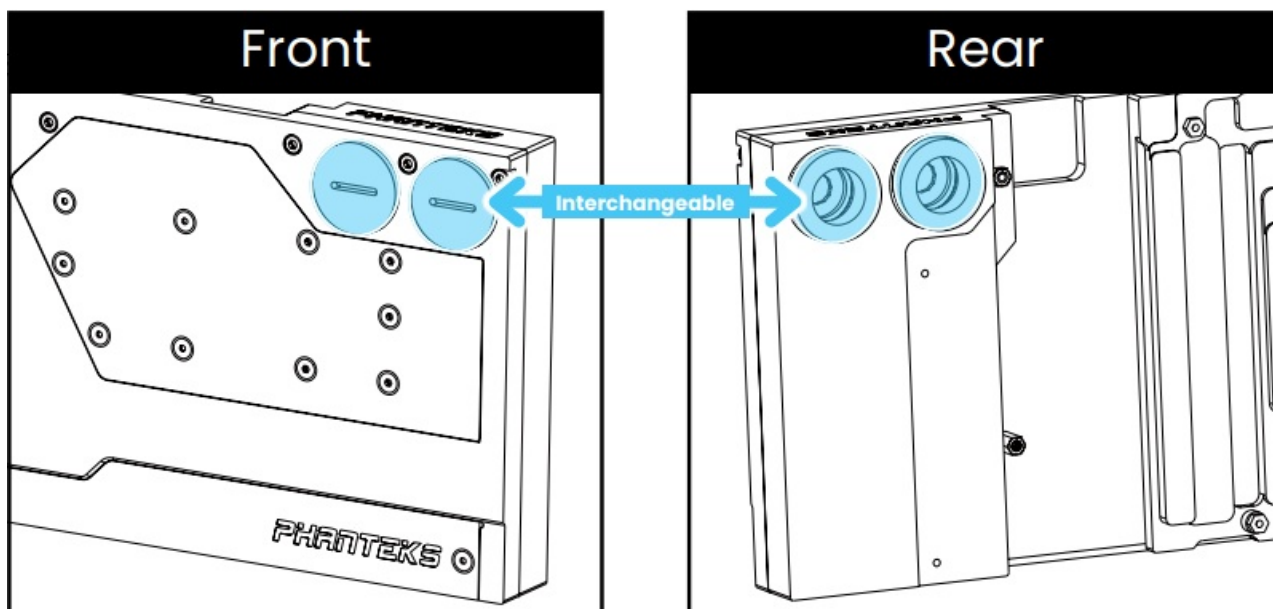
Tool

Flat Screwdriver



Tool





PRO TIP PH-GEF_GPU4090AS is equipped with multiple ports to allow for more flexibility. Please plan your water loop before proceeding with installation.

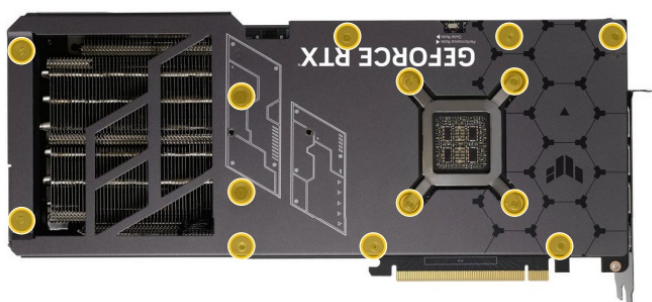
REMOVING STOCK COOLER

ASUS ROG STRIX RTX 4090

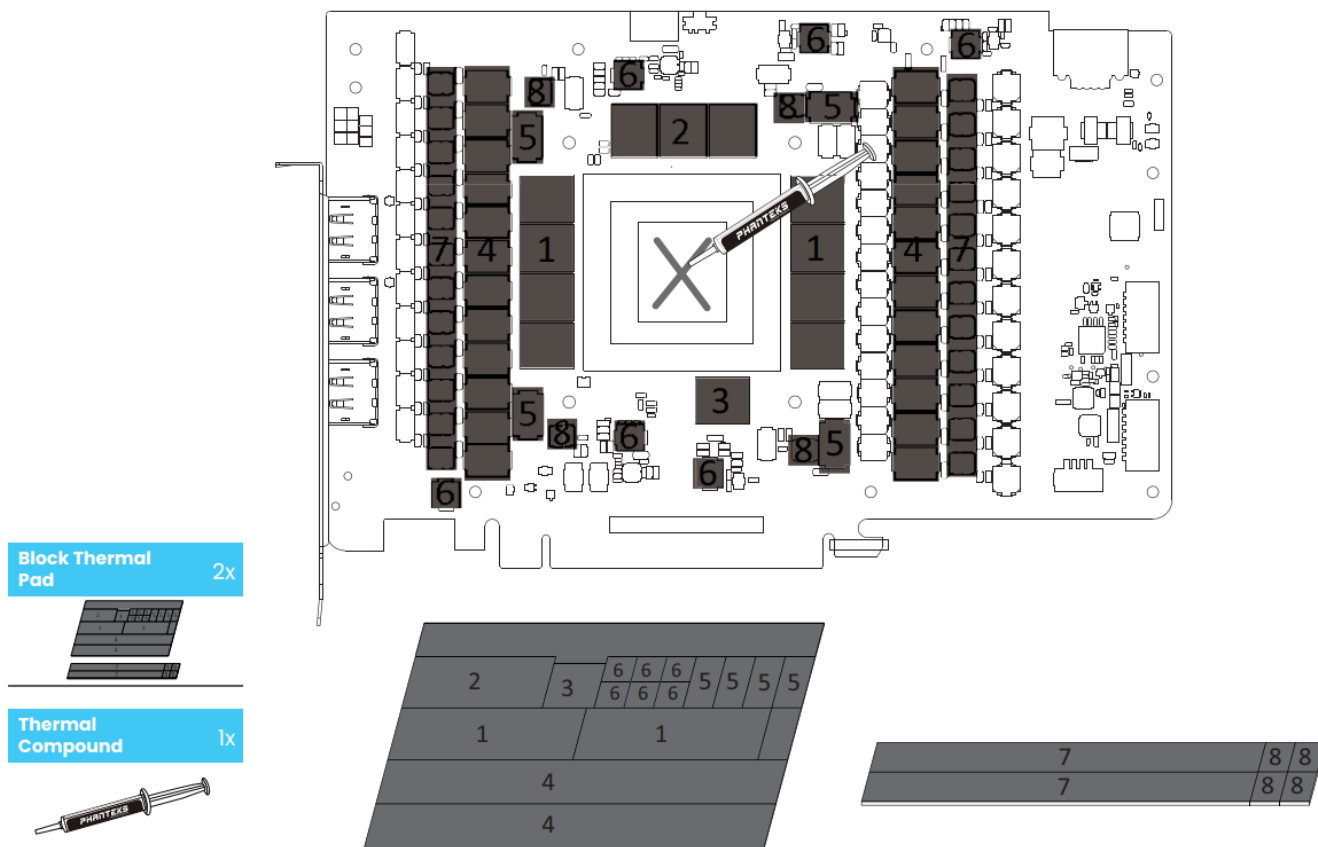


Keep and used for installing water block | Bewahren Sie es auf und verwenden Sie es zur Installation des Wasserblocks. | Conserver et utiliser pour installer un bloc d'eau | Conservar y utilizar para instalar bloque de agua. | 保留并应用于安装水冷头

ASUS TUF GAMING RTX 4090



APPLYING THERMAL PASTE & PADS

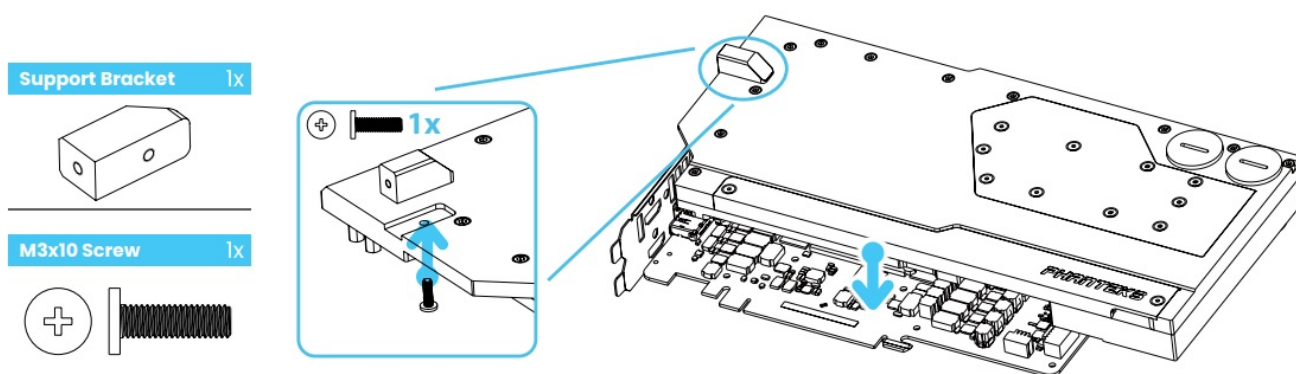


PRO TIP Clean off the thermal compound and use isopropanol. Place thermal pads correctly and apply thermal compound to the GPU center.

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

MOUNT THE WATER BLOCK

1. SECURE THE SUPPORT BRACKET TO THE GPU BLOCK



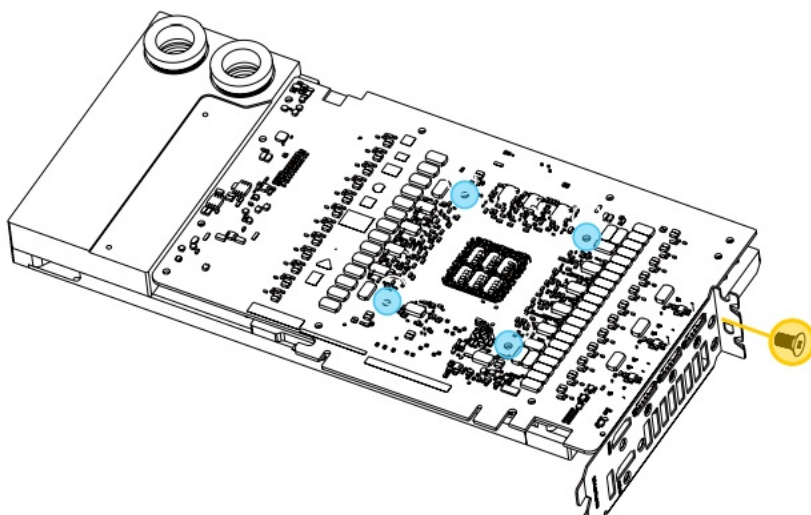
- Carefully position the water block onto the graphics card. Align the mounting holes on the PCB with the holes on the water block.

2. SECURE THE WATER BLOCK

M2.5x5 Screw 4x

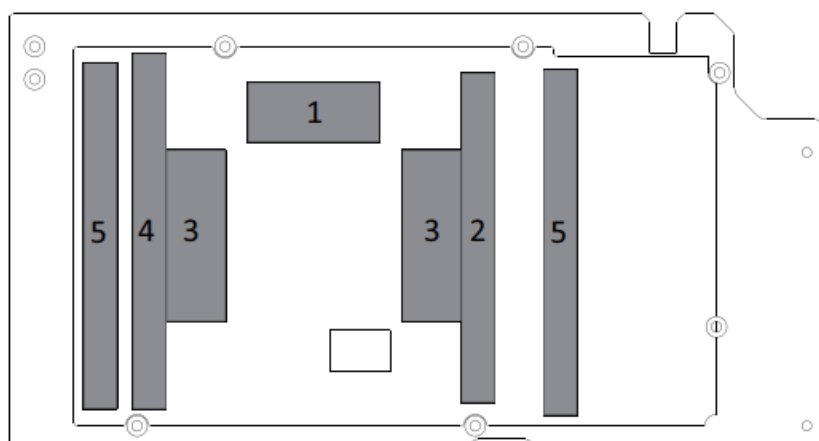
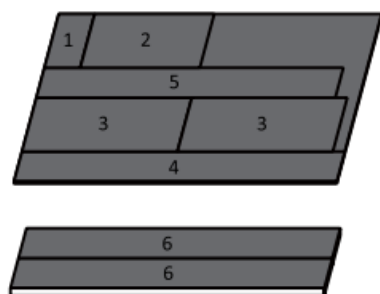


Washer 4x



- Secure the Support Bracket with the original cooler screw.

APPLYING THERMAL PADS

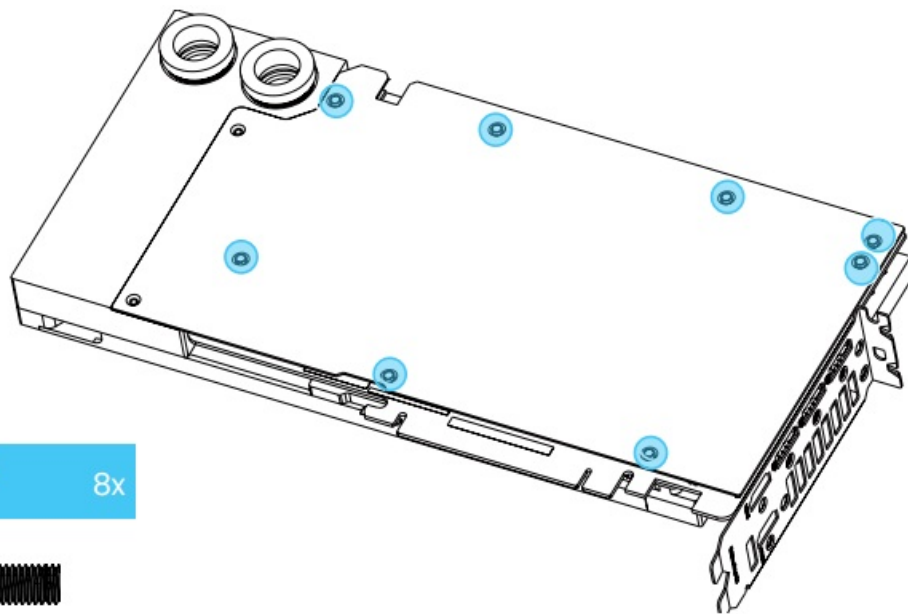


Remove the protective film on both sides and place the thermal pads in the correct position on the backplate.

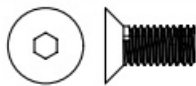
INSTALLATION

INSTALL THE BACKPLATE

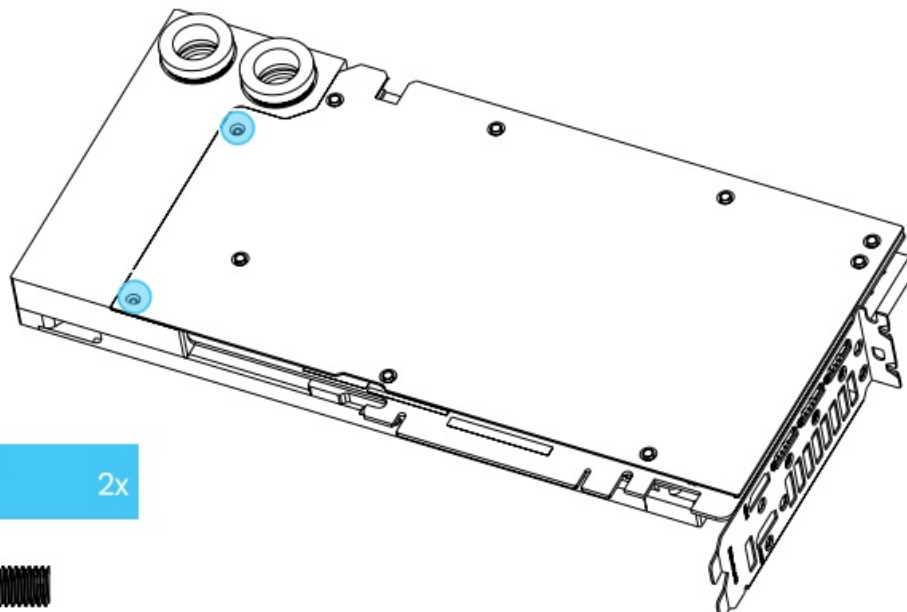
1. SECURE THE 8X M2.5X8MM



M2.5x8 Flush Screw 8x



2. SECURE THE 2X M2.5X6MM



M2.5x6 Flush Screw 2x



- Carefully position the backplate onto the graphics card. Align the mounting holes on the PCB with the holes on the backplate.

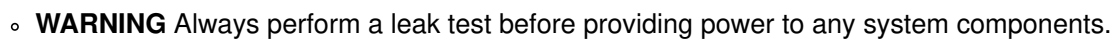
INSTALL INTO THE SYSTEM

1. CONNECT D-RGB CABLE

D-RGB Cable 1x



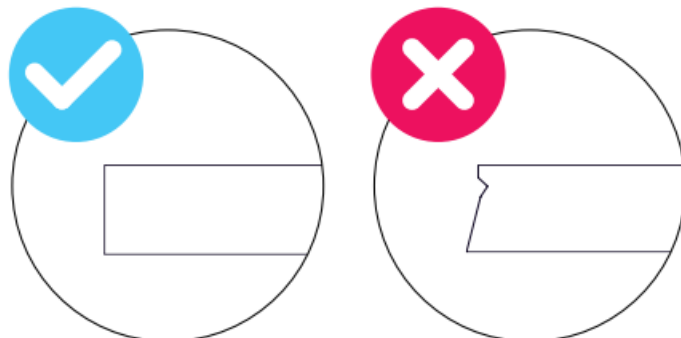
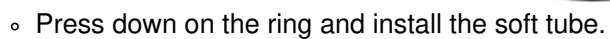
- OPOTIONAL



2. INSTALL THE GPU INTO THE SYSTEM

3. INSTALL THE WATERLOOP

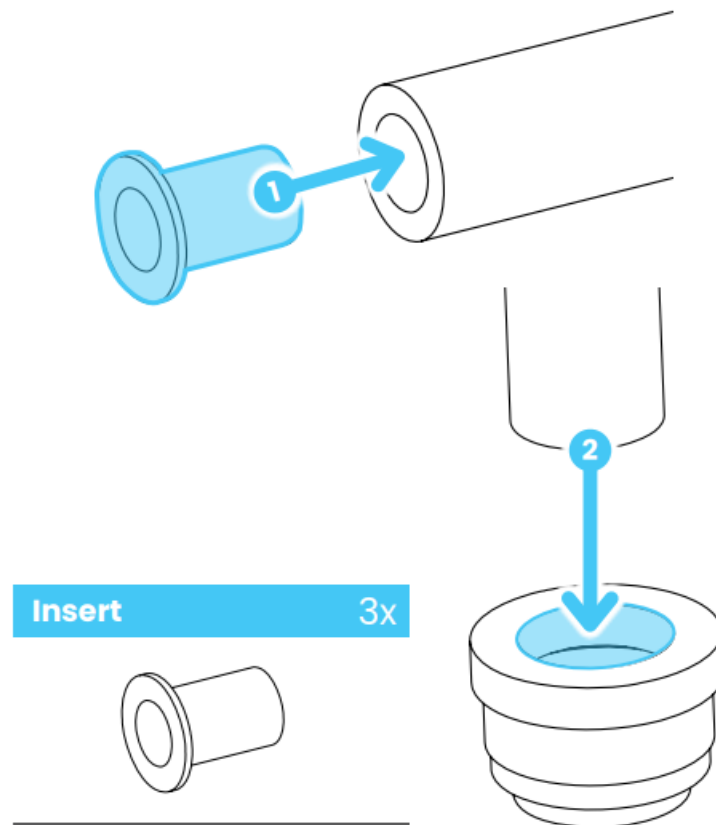
- **Hard Tube Installation**



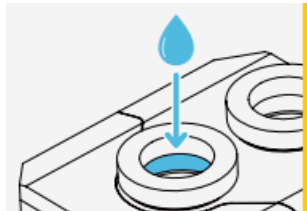
- Make sure to cut perpendicular to the tubing as shown.

• Soft Tube Installation

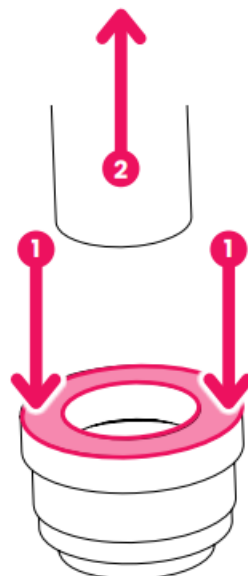
1. Install Insert
2. Press down on the ring and install the soft tube.



- **PRO TIP** Please put a drop of water into the fitting o-ring before installation.



4. TUBE REMOVAL



- Press down on the ring and remove the tube.

WARNING: CHECK FOR LEAKS BEFORE TURNING ON THE SYSTEM

SAFETY INFORMATION

To achieve maximum safety, we suggest that you adopt the following guidelines:

1. Place the product on a clean and stable surface that allows adequate air ventilation.
2. Don't use or place the product and any of its components near water, moisture, or other wet surfaces; or place the product near any heat, open flame, or other hot surfaces such as radiators, stoves, fireplaces, and candles.
3. Use caution when operating the desktop PC to avoid electrical shock or damage, such as unplugging the power supply during thunderstorms, ensuring that your hands are dry before using (and handling) the desktop PC, keeping it away from any source of liquid and/or heat source, and using all other reasonable precautions needed under the circumstances.
4. When connecting external devices to your desktop PC, carefully plan how the wires will be placed. Protect any connected cables from being trod on or pinched, particularly at plugs, convenience receptacles, or the point where they exit.
5. Take extra caution when handling/removing/reattaching glass components. Once removed, place the glass component on a stable surface first before proceeding.
6. When unplugging any connected devices and/or cables, always pull the cable or device's plug or connector. Don't forcefully tug on its cord.
7. Don't place any heavy items on top of the product.
8. Make sure that the desktop PC is off, unplugged from the outlet, and that all connected devices are powered off and unplugged (if any) before installing or uninstalling any internal component to and/or from the desktop PC or product.

NOTE ON DISPOSAL

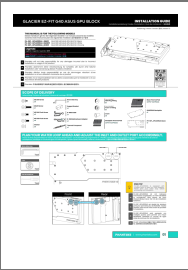
The WEEE symbol indicates that this product must not be disposed of with normal household waste. Through the correct disposal of this product, you will help protect the environment. For more information on the disposal of this product, please contact your local municipality, your waste disposal service or the shop where you purchased the product.

CONTACT INFORMATION

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- 3047 BP Rotterdam
- The Netherlands
- Importer US
- Axpertec Inc. (US)
- 20465 E Walnut Dr. N
- City of Industry, CA 91789

- USA
- www.phanteks.com.

Documents / Resources

	<p>PHANTEKS G40 ASUS GPU Block [pdf] Installation Guide PH-GEF_GPU4090AS_DBK01, PH-GEF_GPU4090AS_DMW01, PH-GEF_GPU4090AS_DCR01, G40 ASUS GPU Block, G40, ASUS GPU Block, GPU Block, Block</p>
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References

- [User Manual](#)

[Manuals±](#), [Privacy Policy](#)

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