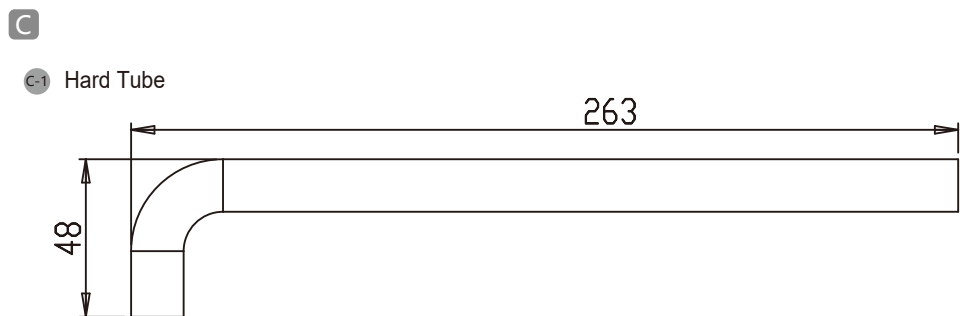
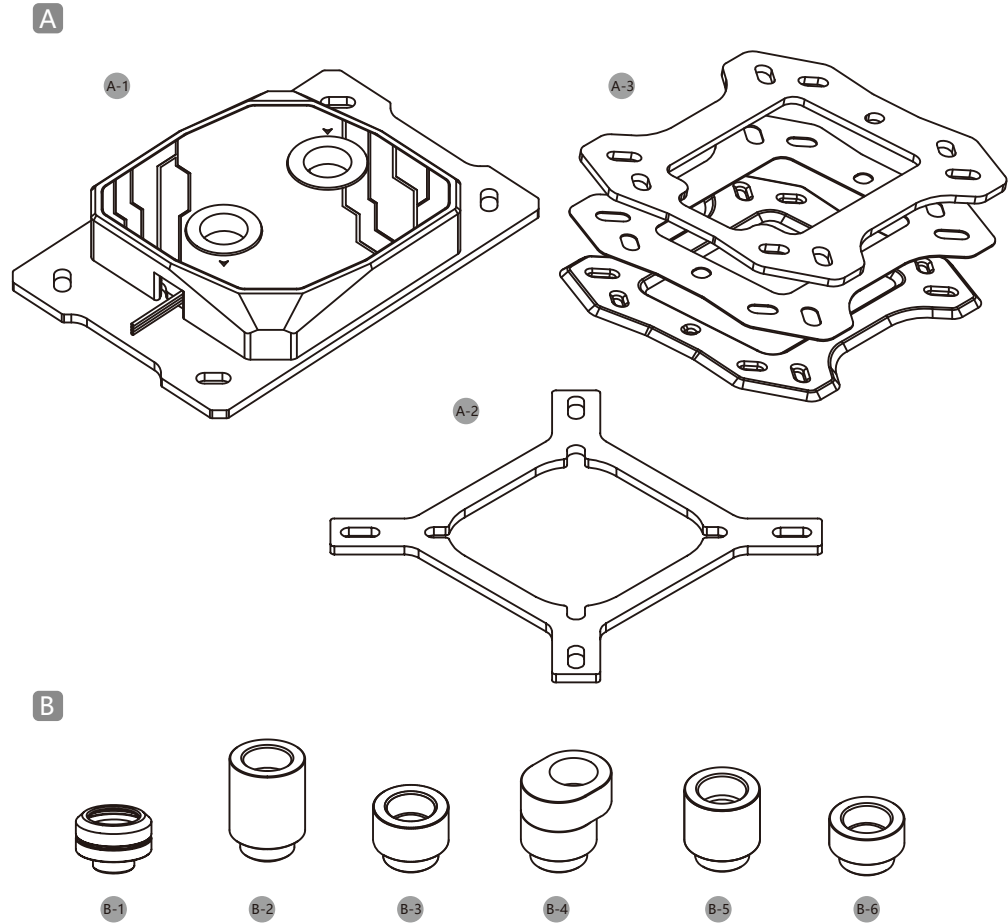




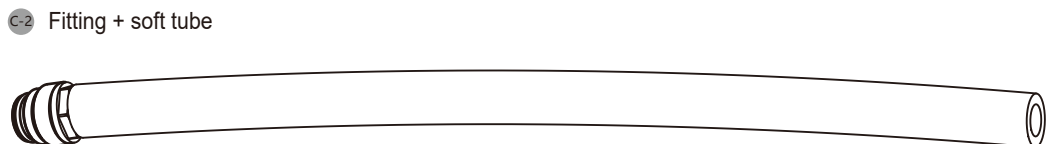
Parts List

- A** CPU Water Block
 - A-1 BPTA-CPUMS-V2-SKA1 pc
 - A-2 Intel Mounting Bracket1 pc
 - A-3 Backplane assembly1 set
- B** Fittings
 - B-1 BPTA-DOTFH16224 pcs
 - B-2 TA-F612 pcs
 - B-3 BPTA-F952 pcs
 - B-4 BP-RIGOS52 pcs
 - B-5 TA-F602 pcs
 - B-6 TA-F402 pcs
- C** Accessory
 - C-1 Hard tube2 pcs
 - C-2 Fitting + soft tube1 pc
 - C-3 CPU set

SCM3FL20
 SPRING
 SCM3F6
 1mm Spacer
 Back Pad
 Paste Pad
 Metal Backplane
 M3x32mm Screw
 SC6-32M3
 Nylon cup washer



※ The allowable variance in tube length is ± 2mm



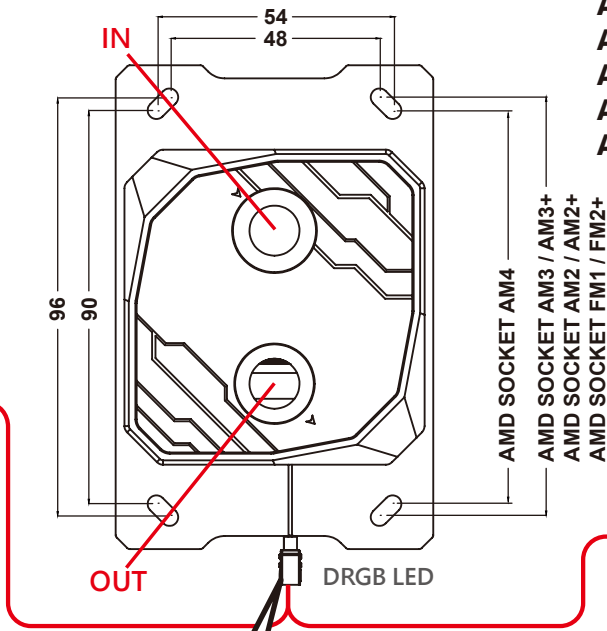
I. AMD Motherboard system

**AMD SOCKET 939 / 754 / 940
AMD SOCKET AM4
AMD SOCKET AM3 / AM3+
AMD SOCKET AM2 / AM2+
AMD SOCKET FM1 / FM2+**

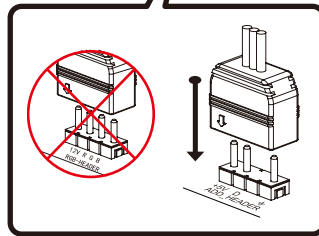
Bitspower Fan and DRGB RF Remote Controller Hub (Not included) are now available at microcenter.com
DRGB PIN on ① Motherboard or ② other equipment.

① Motherboard ② BPTA-RFCHUB

Fan and DRGB RF Remote Controller Hub (Not included)

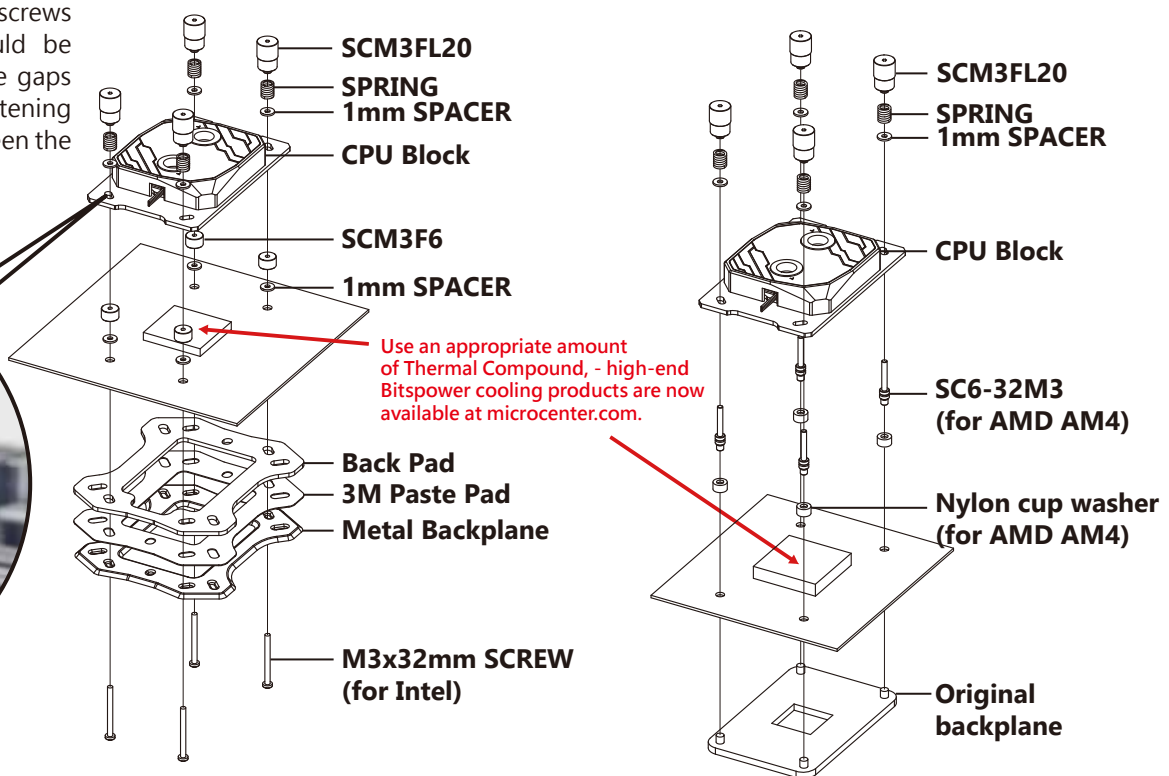


The CPU water block has a DRGB cable, which can be connected to the DRGB extension cable of the radiator fans.



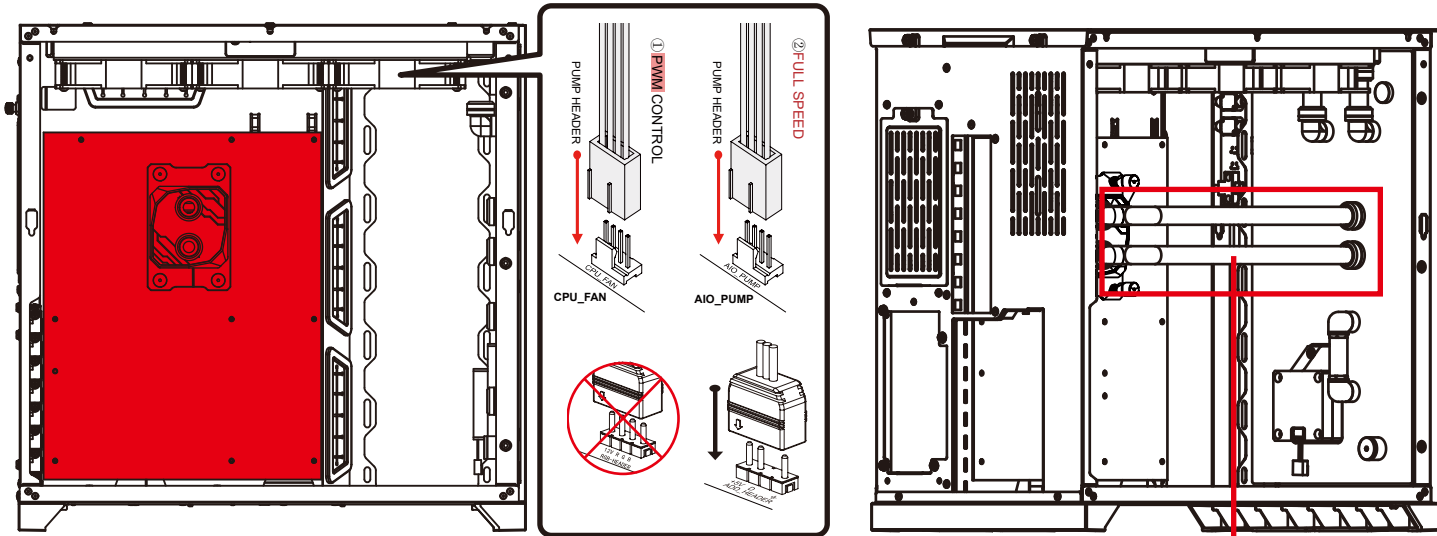
Installation

Do not over-tighten the thumb screws (SCM3FL20). The springs should be slightly compressed, with visible gaps in the spring coils. Over-tightening may result in poor contact between the water block and CPU.



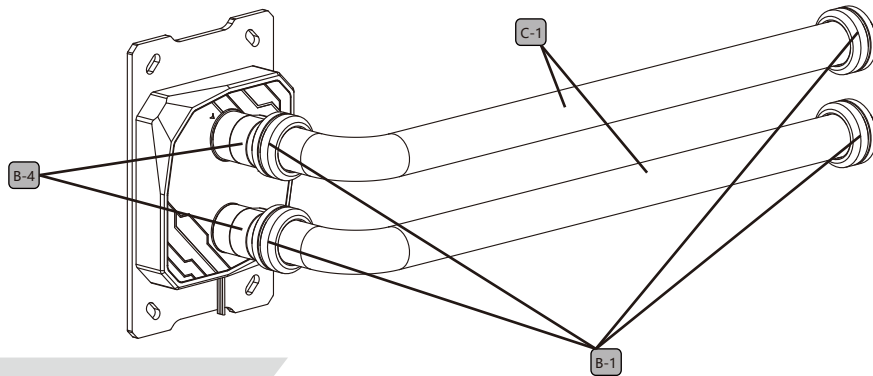
II. AMD Chipset Installaiton

How to install tubes for CPU



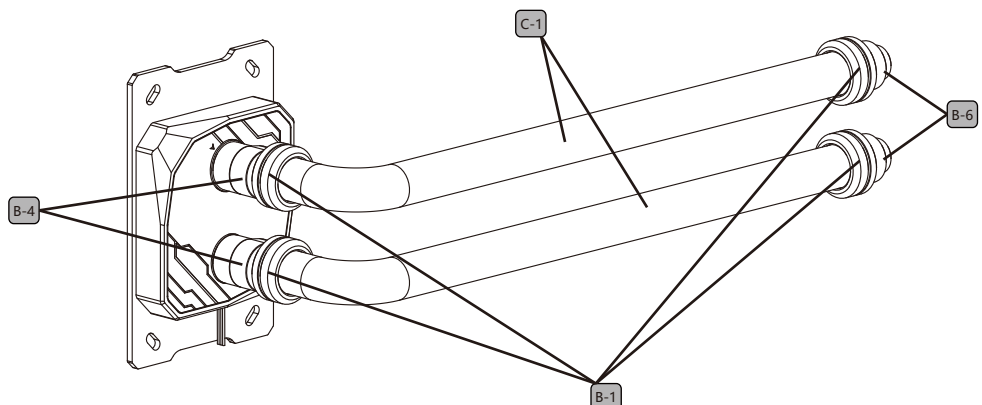
Installation 1

Motherboard			CPU	TUBE	
	Model	Brand			
1	ROG STRIX B450F GAMNG ATX	ASUS	AMD	48x263 mm	48x263 mm
2	PRIME X470-PRO AM4	ASUS			
3	TUF GAMING X570-PLUS WIFI	ASUS			
4	ROG STRIX X570-E GAMNG	ASUS			



Installation 2

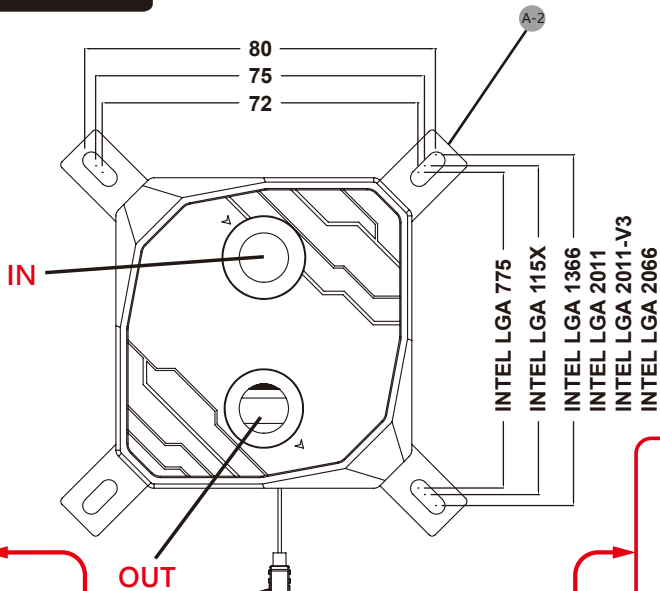
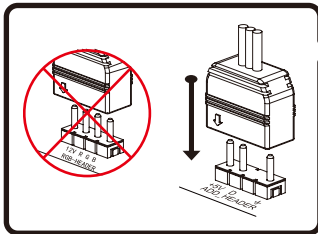
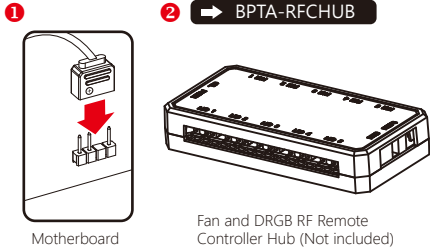
Motherboard			CPU	TUBE	
	Model	Brand			
1	B450 TOMAHAWK AM4 ATX	MSI	AMD	48x263 mm	48x263 mm
2	B450 AORUS PRO WIFI AM4	GIGABYTE			
3	X570 AORUS ELITE WIFI	GIGABYTE			



III. Intel Motherboard system

Installation

Bitspower Fan and DRGB RF Remote Controller Hub (Not included) are now available at microcenter.com
 DRGB PIN on 1 Motherboard or 2 other equipment.



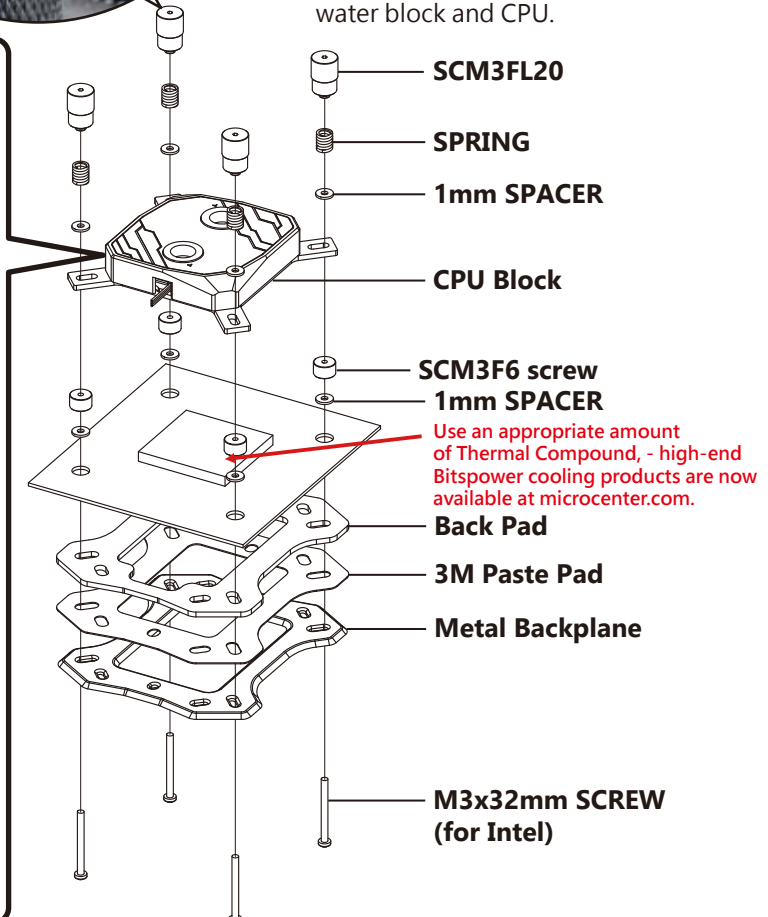
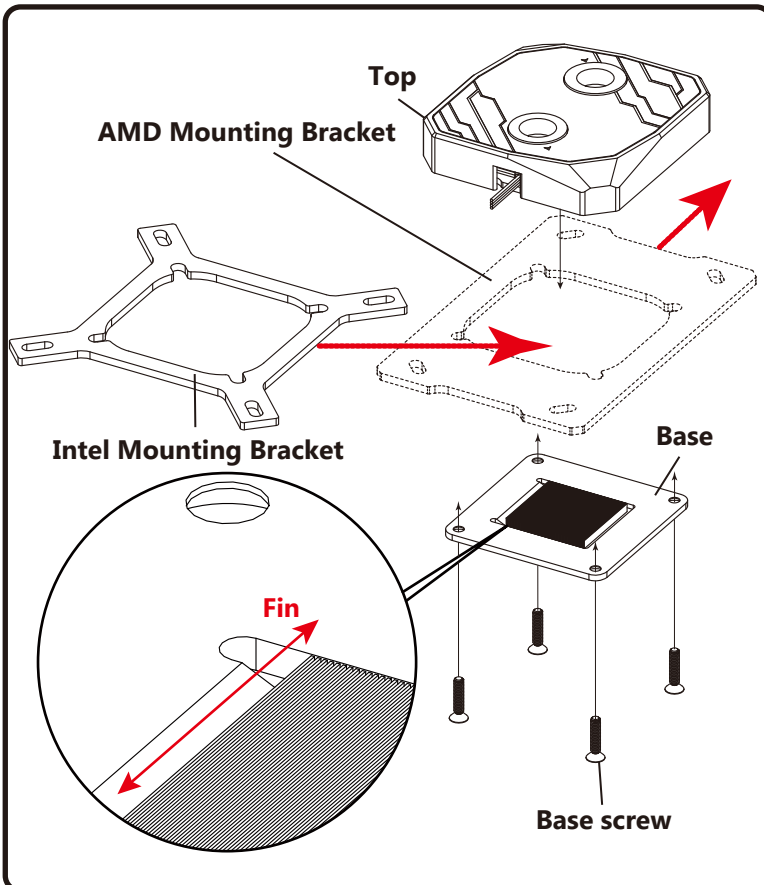
INTEL LGA 775
INTEL LGA 115X
INTEL LGA 1366
INTEL LGA 2011
INTEL LGA 2011-V3
INTEL LGA 2066

The CPU water block has a DRGB cable, which can be connected to the DRGB extension cable of the radiator fans.



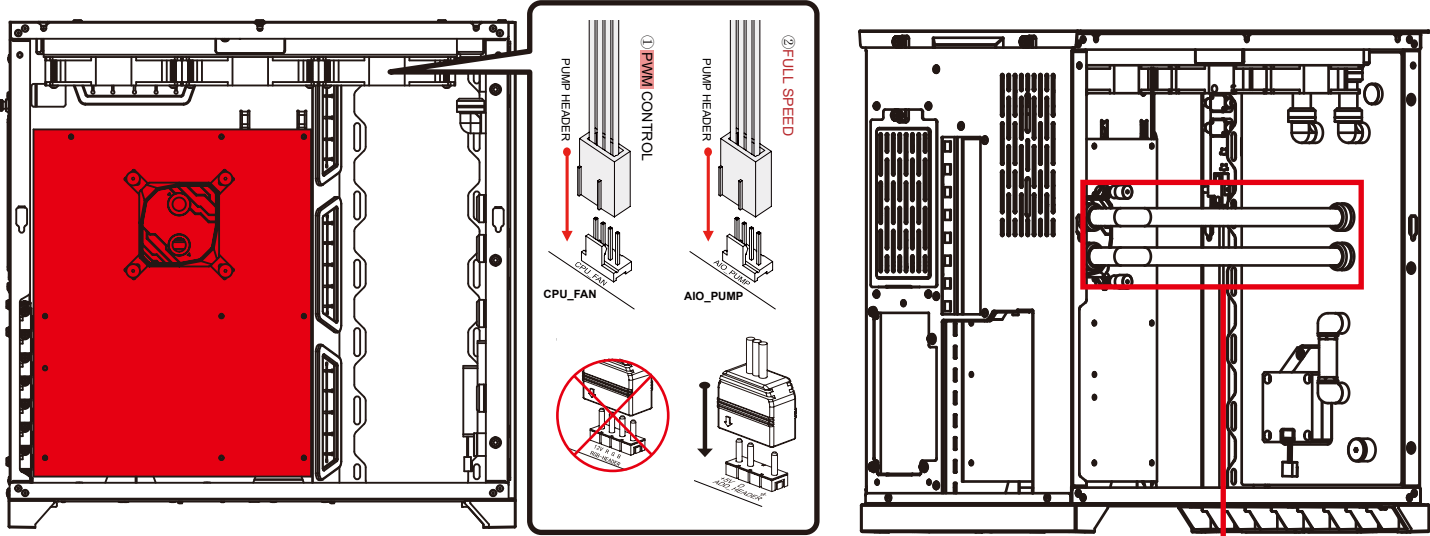
Do not over-tighten the thumb screws (SCM3FL20). The springs should be slightly compressed, with visible gaps in the spring coils. Over-tightening may result in poor contact between the water block and CPU.

Installation



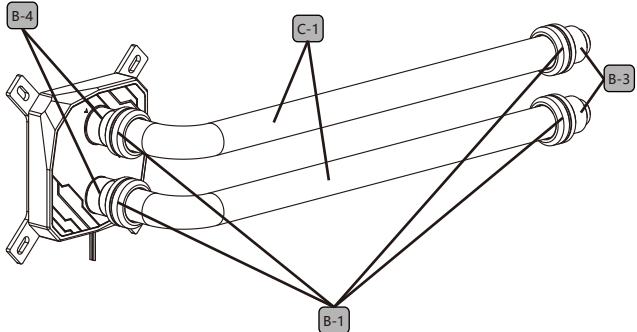
IV. Intel Chipset Installaiton

How to install tubes for CPU



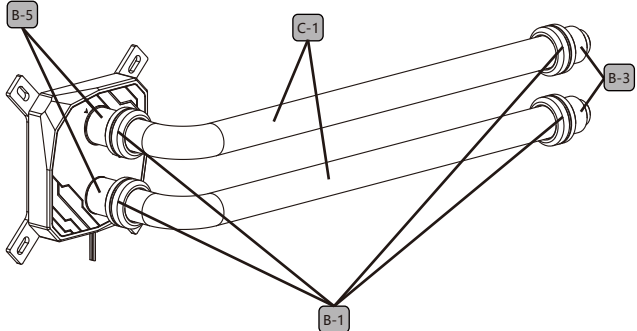
Installation 1

Motherboard			CPU	TUBE	
	Model	Brand			
1	Z490 AORUS PRO AX ATX	GIGABYTE	INTEL	48x263 mm	48x263 mm
2	Z490 AORUS ELITE AC ATX	GIGABYTE			
3	Z490 AORUS ULTRA ATX	GIGABYTE			



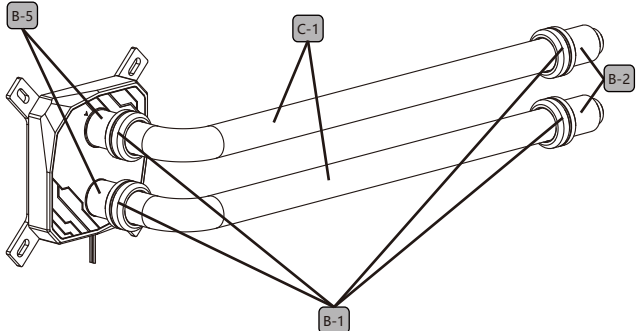
Installation 2

Motherboard			CPU	TUBE	
	Model	Brand			
1	PRIME Z390-A	ASUS	INTEL	48x263 mm	48x263 mm
2	ROG STRIX Z390-E GAMING	ASUS			
3	ROG MAXIMUS XI HERO Z390	ASUS			
4	ROG STRIX Z490-E GAMING	ASUS			
5	TUF GAMING Z490-PLUS WIFI	ASUS			
6	PRIME Z490-A ATX LGA1200	ASUS			
7	ROG Z490 MAX XII HERO WFI	ASUS			
8	PRIME Z490-P	ASUS			
9	MPG Z490 GAMNG CARBON ATX	MSI			
10	MPG Z490 GAMING EDGE ATX	MSI			




Installation 3

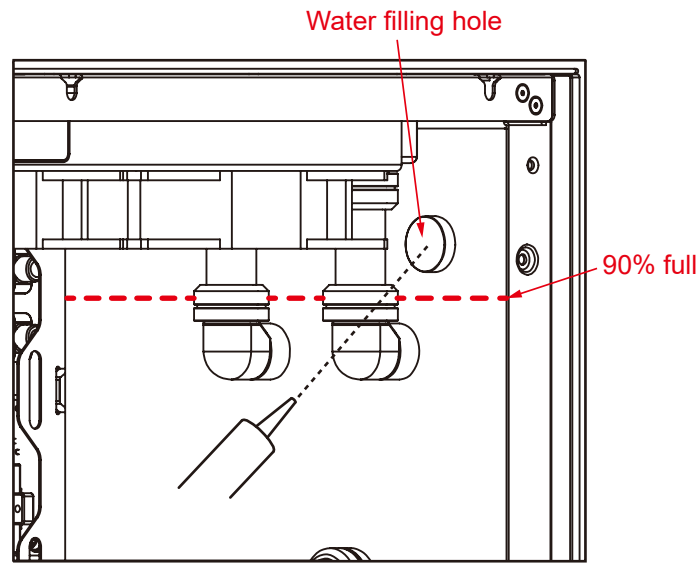
Motherboard			CPU	TUBE	
	Model	Brand			
1	Z390 AORUS PRO WIFI ATX	GIGABYTE	INTEL	48x263 mm	48x263 mm



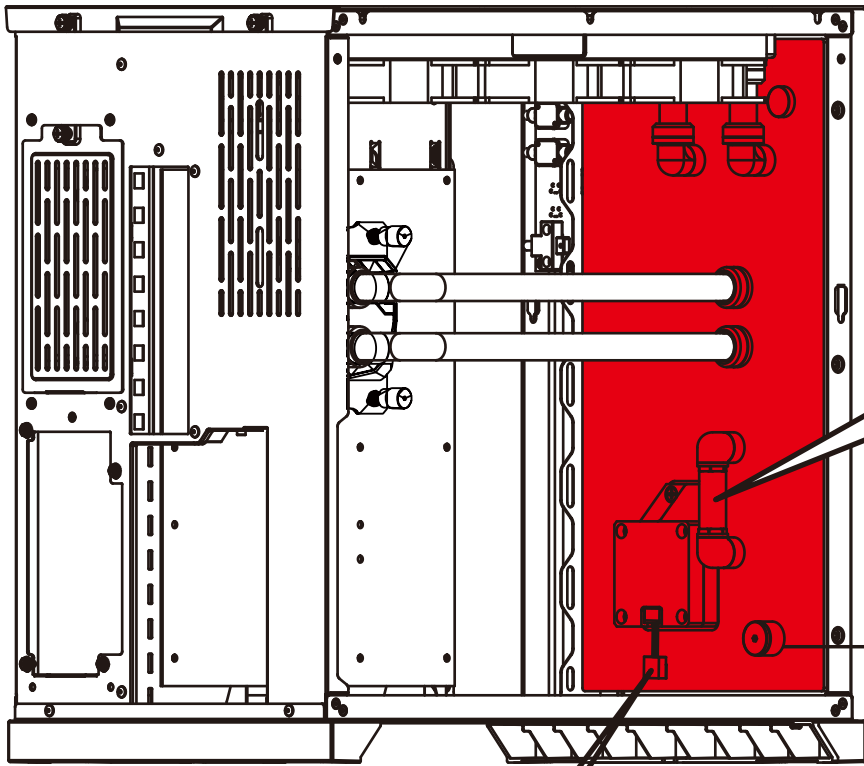
Pour the coolant into the reservoir via the water filling hole. Once the reservoir is 90% full, turn on the power supply for the pump to run and let the air exit the loop. Turn off the power supply when the reservoir is near empty. Repeat until all the air has exited the loop.

Notice : Do not turn on the pump if the reservoir is empty.

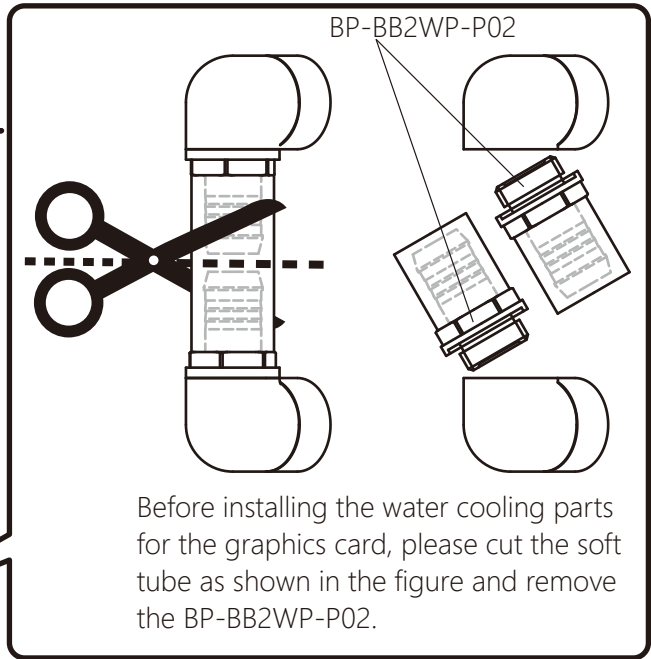
 Bitspower recommends that consumers add the Bitspower coolant or purified water for their water-cooling liquid. If the consumer chooses different water-cooling liquids, the resulting impurities may cause peeling of the coating on some of the hardware, water channels blockage by built-up residue, improper operation of the water pump, water tank tube breakage, and o-rings deformation leading to leakage. Any issues related to the use of inappropriate water-cooling liquid will be the responsibility of the consumer.



V. BPTA-O11D-AK



backplate / control panel / top cover

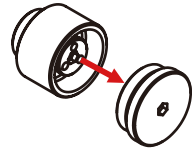


Before installing the water cooling parts for the graphics card, please cut the soft tube as shown in the figure and remove the BP-BB2WP-P02.



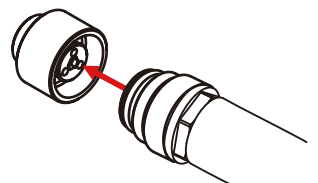
BPTA-EFW

It is recommended to install the water-exhaust fitting at the lowest point of the water cooling system.



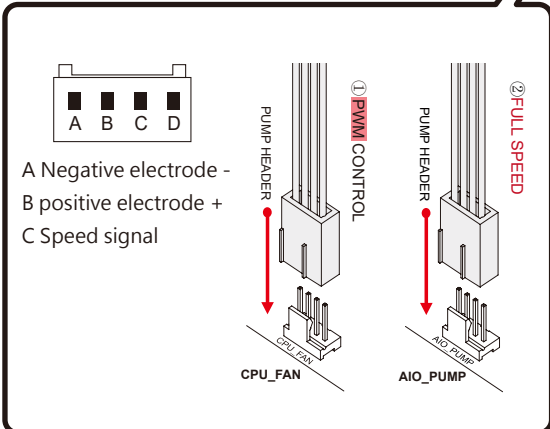
Step 1

Unscrew the top of the water-exhaust fitting.

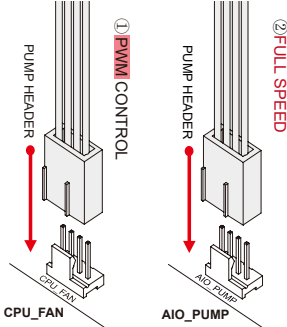


Step 2

Replace with the water-exhaust part. When screwing in the part, water will start to discharge, it is recommended to connect tubing beforehand to control the water outflow.



A Negative electrode -
B positive electrode +
C Speed signal



Pump Spec.
Rated voltage : 12V DC
Power consumption : 8.4W
Maximum flow : 460±15%/h
Noise : ≤24dBA
PWM : Yes
MTBF : ≤15,000 hours
Warranty : 2 years