The following instructions and pictures are provided to assist with your installation of the EVGA GeForce RTX™ 2080 Ti K|NGP|N Hydro Copper Waterblock Kit to the EVGA GeForce RTX™ 2080 Ti K|NGP|N graphics cards and installation of the EVGA Hydro Copper Waterblock module.

Please be sure to keep your original shroud, heatsinks, AIO and screws so your card can be returned to its original condition should you ever need to submit for warranty.

Please pay attention to the instructions below as it will guide you through the installation of the components. Be sure to follow all directions and check if any accessories are missing or of any questions.

Included Accessories

- EVGA Hydro Copper Waterblock
- CPU Bracket (PN: 08CO-02000000-KR)
- M3 x 10 screws (PN: 08CO-00200000-KR)
- 5 x 10 screws (PN: 08CO-00200000-KR)
- 76x Fastener (PN: 08CO-00200000-KR)
- Thermal Pasting Kit
- Bag Wrench (PN: 08CO-00200000-KR)
- Black Washer (6 x 4 pcs, PN: 08CO-00200000-KR)

Before installing, it is recommended that you have a fan on the surface to work on and have access to different sizes of screwdrivers or screws bits. All of the screws on the card can be removed with a Phillips #0 and #2 bits or a 3.5 bits and #1 size bit. These are recommended for best results.

Please follow the steps below:

01. Remove the visible screws for the PCIe Bracket of the card. There are two screws in total. The smaller of the two should be removed with a #2 bit or a Phillips #2 bit. The larger screw can be removed with a #2 bit or a Phillips #2 bit. Note, removing these two screws will not allow the bracket to come loose. The bracket is still held by two screws on the backplate.

02. Remove the two backplate screws near the VBI ports of the card. Both can be removed with a #2 bit or a Phillips #2 bit. Once these two screws are removed (four in total), the PCIe Bracket should be loose.

03. Remove the dust caps from the video ports (if still installed). Remove the bracket by pulling it away from the card, pulling from the port side not the backplate side.

04. Remove all the backplate screws. There are sixteen backplate screws remaining (as two were removed in the previous step). All can be removed with a #2 bit or a Phillips #2 bit. Note, there is a single screw that is covered by an inspection sticker. Removing this sticker and the screw underneath does not void the card's warranty.

05. Fit the card over so that the VRM fan and shroud are facing up. Then pull straight up on the shroud to remove it.

06. With pump and VRM fan facing up, remove the 5mm around the base. This piece should be easy to remove as the removal of the backplate screws leaves the "loose" trim. Pull straight up to remove.

07. Flip card over and remove four remaining screws on the back of the card. These four screws hold the pump to the GPU. Recommend to use a #2 bit or a Phillips #2 bit.

08. Flip card over so that the pump and VRM fan are facing up. Remove the fan and headers located at the bottom of the K|NGP|N. Please be careful when removing the fan and LED connectors. The wires can snap if pulled too hard. The safest way to remove the connector is will a small flat-head screwdriver. Two or three fingers to grab the edge of the header at a time. Pull out the pump/ radiator. It will no longer be needed for this installation.

09. Remove the VRM cooling plate. This can be done by pulling straight up. Note, there will be some resistance due to the thermal pads and light force may be needed to break the mild bond of the thermal pads.

10. Remove the VRM heat sink. This can be done by pulling straight up, being careful of the LED connector. Note, there will be some resistance due to the thermal pads and light force may be needed to break the mild bond of the thermal pads.

11. Remove the card from the shroud. This can be done by pulling straight up. Note, there will be some resistance due to the thermal pads and light force may be needed to break the mild bond of the thermal pads.
Important Information

**EVGA K|NGP|N Hydro Copper Waterblocks**

These waterblocks are leak tested at the factory before shipping to the customer. Regardless, it is still recommended to run a full leak test after installing the EVGA Hydro Copper Waterblock and connecting it to your water loop. It is recommended to use distilled water or any other popular, certified, and approved liquid coolant. Using tap water or any other liquid not meant for water cooling will cause damage, including corrosion, to the EVGA Hydro Copper Waterblock. Damage caused by using unapproved waterblocks may void the limited 1-year warranty.

It is strongly recommended to avoid using aluminum components in the same loop as the EVGA Hydro Copper Waterblock. Mixing copper and aluminum may cause corrosion, which will void the 1-year warranty. If you damage your RX 6800 Ti K|NGP|N graphics card due to improper installation, EVGA will not be held liable for physical damage to your graphics card or your EVGA Hydro Copper Waterblock.