The following instructions and pictures are provided to assist you in the completion of the installation process. Please be sure to follow all directions carefully and contact EVGA Customer Service if you have any missing accessories or questions. See the instructions below:

1. Please note that the accessory list above covers all items expected to be included in the XC HYBRID Kit. There are two types of heatsinks for the Memory and VRM, but this Kit only includes the heatsink that is designed for your card. It is possible that you may receive extra accessories that will go unused after completion of the installation manual. Please follow all directions carefully and contact EVGA Customer Service if you have any missing accessories or questions.

2. Loosen, but don’t remove, the screws circled on the bracket in the images to the right with a Phillips #1 screwdriver. You will tighten both the bracket and these screws at a later step. There is no need to remove the bracket to complete all steps.

3. Remove heatsink and fan carefully, disconnecting fan and LED connectors.

(a) You may need to gently twist the thermal module to loosen up the heatsink from the thermal pads and GPU thermal grease. Once loose, gently lift the side of the heatsink to expose the fan and LED connector.

(b) Please be careful when removing the fan/LED connector, because the wires can snap if pulled too hard. Set aside the heatsink/fan, as it will no longer be needed for this Kit.

4. Clean the card for installation:

Remove all thermal grease on the GPU and remove any pads that stick to the PCB. Clean the GPU with high-percentage isopropyl alcohol and a lint-free cloth. You may try to reattach the thermal pads to the same location on the original cooler in case you need to return the card to its original state for warranty purposes. After you are finished cleaning, the card should look like these photos:

5. The instructions below will walk you through the removal of the original heatsink, fan(s), EVGA HYBRID module and replacement shroud. Please see below for SKU’s compatible with this cooler:

Infrastructure: NVidia GeForce RTX

Type: 2080/2070

Process: Hybrid Cooling Kit

[Diagram of a graphics card with annotations]

Included Accessories:

1. EVGA 2080/2070 VRM Heatsink (a)
2. EVGA 2080 Ti HYBRID VRM Heatsink (a+b)
3. EVGA HYBRID Pump and Radiator
4. EVGA 2080/2070 HYBRID Baseplate
5. EVGA 2080 Ti HYBRID Baseplate

[Diagram of accessories with annotations]

*Note: Please refer to the manual for proper installation instructions.*

[Table of graphics cards with part numbers]

<table>
<thead>
<tr>
<th>Graphics Cards</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>88G-P4-2080-KR</td>
<td>08G-P4-2080-KR</td>
</tr>
<tr>
<td>88G-P4-2070-KR</td>
<td>08G-P4-2070-KR</td>
</tr>
<tr>
<td>11G-P4-2281-KR</td>
<td>11G-P4-2281-KR</td>
</tr>
</tbody>
</table>

[Diagram of a graphics card with annotations]

6. Screw nut 2pcs, PN:BAA300030000
7. M2x7mm 17pcs screw, PN:BAA120070024 (for users who install backplate)
8. M2x5mm 17pcs screw, PN:BAA120050052 (for users who don’t install backplate)
9. M2x4mm 2pcs screws, PN:BAA120040056
10. M2x3mm 4pcs. PN:BAA125088001-B
11. Cable ties 2pcs hook and loop and 4pcs zip ties.
12. 4pcs screw and 4pcs washer to mount radiator.
13. Mylar 5pcs. PN:BGD100000003

[Diagram of a graphics card with annotations]
5. Install the memory baseplate
(a) Remove the protective tape on the bottom of the #2 memory baseplate. Next, install the memory baseplate as shown in the photo below. Note that the RTX 2080/2070 cards have a different memory orientation than the RTX 2080 Ti. The bracket in your kit will be designed for your model of card.
(b) Hold the memory plate in place and turn the card over. Tighten 4 #5 screws (without a backplate) or #6 screws (with a backplate) with a #1 Phillips screwdriver, as shown in the photo below.

6. Install the VM heatsinks. Remove the protective tape on the bottom of the heatsinks.
(a) For 2080/2070 models, install the #4 (a) heatsink, as shown in the left photo below.
(b) For 2080 Ti models, install both #4 (a) and #3 heatsinks, as will slide over a joint on the memory heatsink. Fasteren #4 (b) with #6 screws, as shown in the middle photo below. Next, install #4 (a) heatsink.
(c) For all models, hold the #4 (a) heatsink in place and turn the card over. Tighten 1 #5 screw (without a backplate) or #6 screw (with a backplate) to secure the heatsink, as shown in the right photo below.

7. Install Pump
(a) Carefully remove the plastic cover over the #3 pump without touching the thermal grease. Before you install the pump, make sure to use the fan cable that connects to the VM heatsinks around the pump in a counter-clockwise manner, and run the radiator fan wire between the tubing so that it will fit in the holes in front of the pump, as shown in the photo on the left. You will not be able to adjust the wiring after securing the pump, so it’s recommended to do this now.
(b) Once seated, use one #8 screw to fasten the shroud to the insert:
- Fasten the connector that runs through the VM heatsink.
- Make sure that the cables remain away from the fan.
- Connect the shroud adjacent to the graphics card by using the tubes as a reference. Carefully connect the RGB-LED connector on the shroud to the RGB connector that runs through the VM heatsink. Take care that the cables remain away from the fan.

8. Install Pump Power Cable
(a) For all cards, run the wires from the pump to the VM heatsinks connector. Make sure the wiring covered with sotar tape is seated within the groove of the #4 (a) heatsink, as shown in the left and middle photos, and plug the pump power adapter into the RGB fan connector.
(b) Finally, plug the RGB-LED fan cable into the 19-pin fan/RGB connector (see right photo).

9. Mount the Radiator
(a) For 2080/2070 models, install the #4 (a) heatsink, as shown in the left photo below. Note that the RTX 2080/2070 cards have a different memory orientation than the RTX 2080 Ti; the bracket in your kit will be designed for your model of card.
(b) Remove the protective tape on the bottom of the #2 memory baseplate. Next, install the memory baseplate as shown in the photos below. Note that the RTX 2080/2070 cards have a different memory orientation than the RTX 2080 Ti. The bracket in your kit will be designed for your model of card.
(c) For all models, hold the #4 (a) heatsink in place and turn the card over. Tighten 1 #5 screw (without a backplate) or #6 screw (with a backplate) to secure the heatsink, as shown in the right photo below.

10. Install HYBRID radiator fan cable and the shroud
(a) Install the #4 (a) shroud into the card, making sure the shroud is beneath the edge of the insert.
(b) Once seated, use one #8 screw to fasten the shroud to the insert.
(c) Finally, plug the 6-pin fan/RGB connector into the RGB fan connector (see right photo).

Important Information
- EVGA RTX 2080 Ti/2080/2070 XC HYBRID Kit is an all-in-one Water Cooling System. You do not need to add any coolant, and the system is completely self-contained. EVGA RTX 2080 Ti/2080/2070 XC HYBRID Kits have been leak-tested at the factory before shipping to customers. EVGA RTX 2080 Ti/2080/2070 XC HYBRID Kits are exclusive only to EVGA RTX 2080 Ti/2080/2070 graphics cards and were not designed to fit any other graphics cards.
- Warranty for the RTX 2080 Ti/2080/2070 XC HYBRID Kit: 3 years parts and labor, lifetime on the pump, motherboards or any associated hardware when damage is caused by improper installation.
- EVGA RTX 2080 Ti/2080/2070 XC HYBRID Kit is an all-in-one Water Cooling System. You do not need to add any coolant, and the system is completely self-contained. EVGA RTX 2080 Ti/2080/2070 XC HYBRID Kits have been leak-tested at the factory before shipping to customers. EVGA RTX 2080 Ti/2080/2070 XC HYBRID Kits are exclusive only to EVGA RTX 2080 Ti/2080/2070 XC HYBRID Kit, as shown in the middle photo.
- It’s important that the radiator fan cable is centered between the tubes. If you may move the pump cables to the radiator fan cable at this time.
- Make sure that the cable is secure. The cables must be pulled too much or pulled too tightly, you may cause damages the pump headplate or cause the HYBRID Kit to begin leaking.
- If you may move the pump cables to the radiator fan cable at this time.
- Make sure that the cables remain away from the fan.
- Connect the shroud adjacent to the graphics card by using the tubes as a reference. Carefully connect the RGB-LED connector on the shroud to the RGB connector that runs through the VM heatsink. Take care that the cables remain away from the fan.
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