

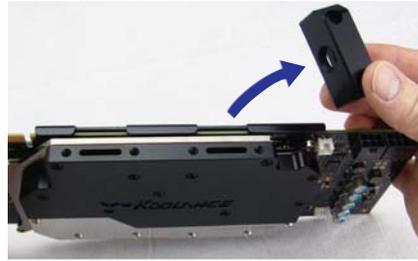
# 1 CNT-VDBx Video Block Bridge Guide v 1.0

**NOTE:** To make installation easier, install the video cards with their liquid cold plates into the computer before adding bridge blocks. The loop must be dry during installation. Do not add coolant until the bridge blocks have been installed.

Installation varies slightly between bridge block models, but all share common steps.



Using a hex driver, remove both fitting blocks (and their underside o-rings) from each video cold plate.



Place the o-rings included with your bridge blocks into each of the grooves beneath it. This must be done for both bridge blocks.

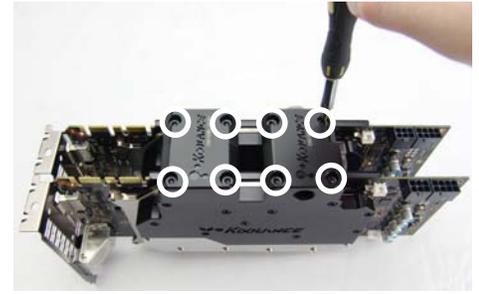
Makes sure these o-rings stay evenly within their grooves throughout installation.



# 2

While keeping the o-rings in their grooves, place each bridge block across the video cold plates. Carefully insert the provided hex assembly screws, and hand-tighten them.

Be careful not to cross-thread the hex screws, or it may damage the cold plates!

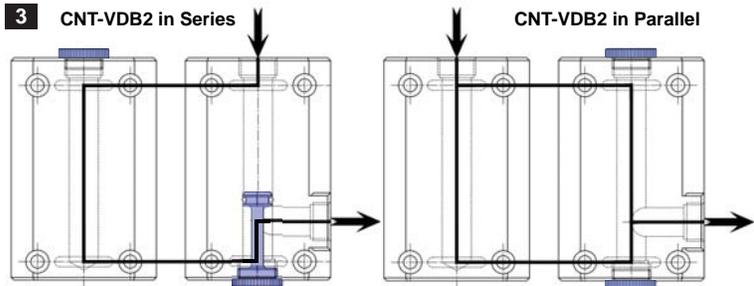
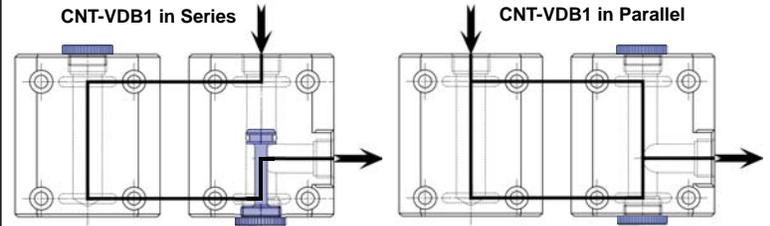


Follow the below diagrams for the desired flow path: serial or parallel. Note where the plug caps (blue in the diagrams) are installed to seal the loop.

G 1/4 BSPP threaded tube fittings must be installed on the inlet and outlet locations.



## CNT-VDB1 and CNT-VDB2



The included long plug is only used for serial flow. Carefully insert this into the right side bridge block as shown.

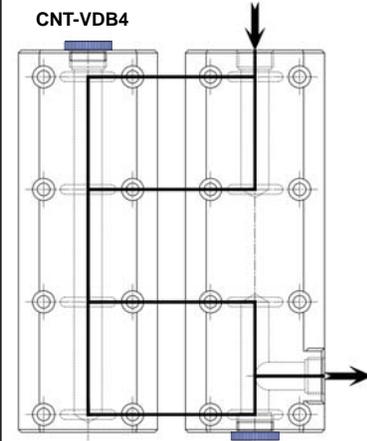
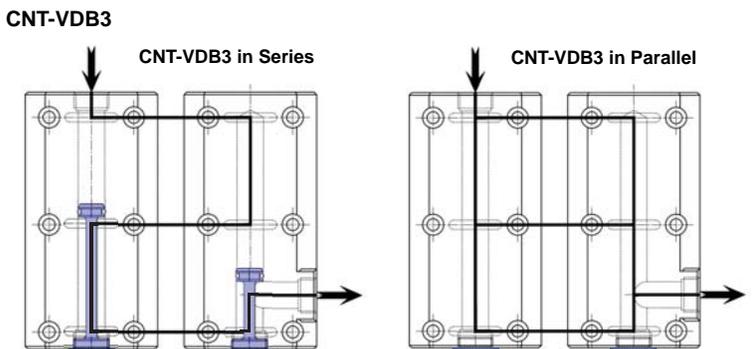
If the plug does not insert easily, temporarily loosen the hex assembly screws on the bridge block for this installation step. Do not force the plug or it may damage its o-ring!

## 4 CNT-VDB3 uses two specialized long plugs for serial configurations (shown in previous diagram).



The included long plugs are only used for serial flow. Carefully insert them into the bridge blocks as shown in the previous diagram.

If the plugs do not insert easily, temporarily loosen the hex assembly screws on the bridge blocks for this installation step. Do not force the plugs or their o-rings may become damaged!



## CNT-VDB4

To maintain coolant pressure, CNT-VDB4 places two video cold plates in parallel linked by a serial connection.

There is only one configuration available as illustrated in the diagram to the left.