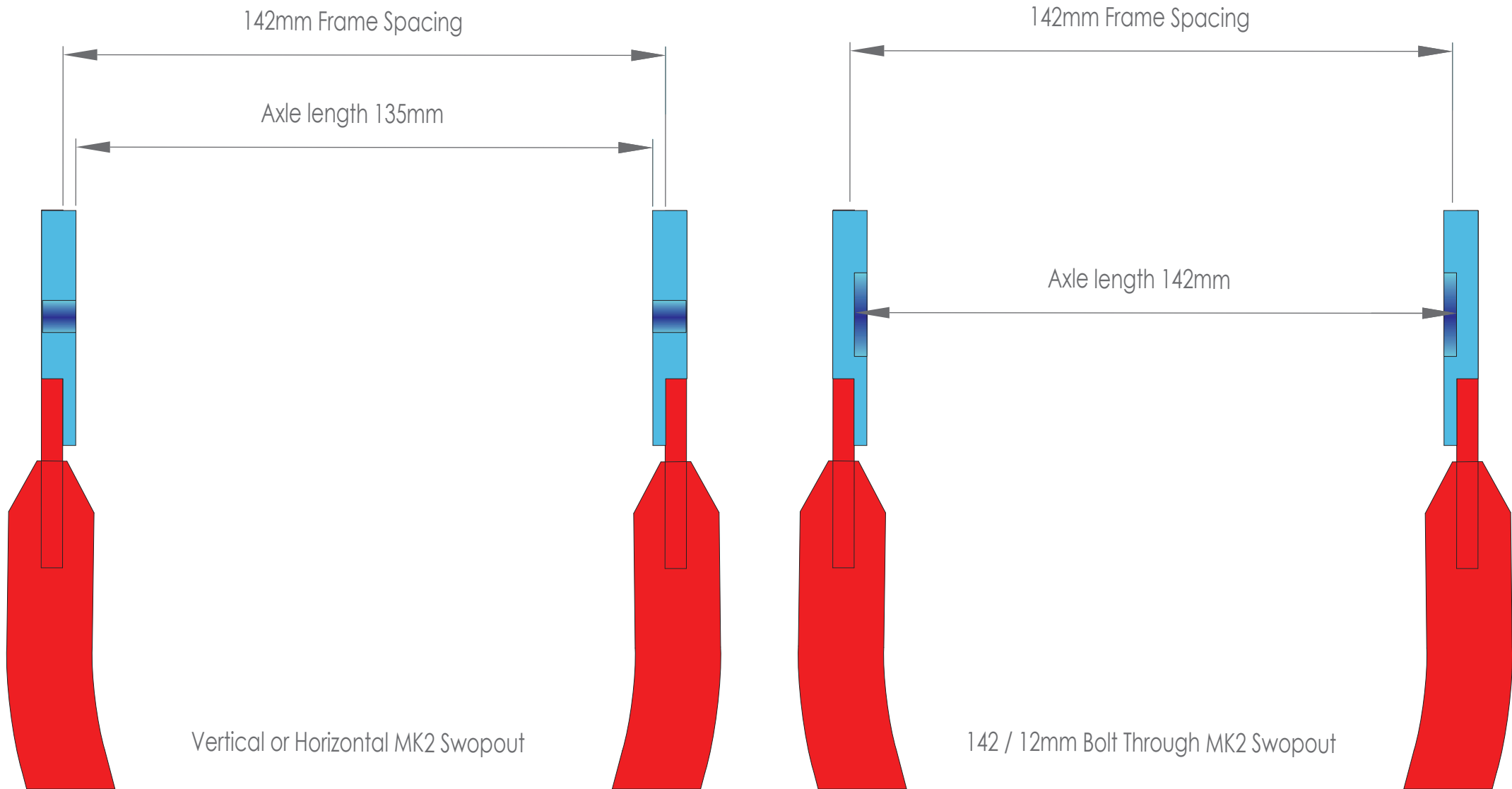


DMR Swopout 142 | FAQ // Wheel Spacing



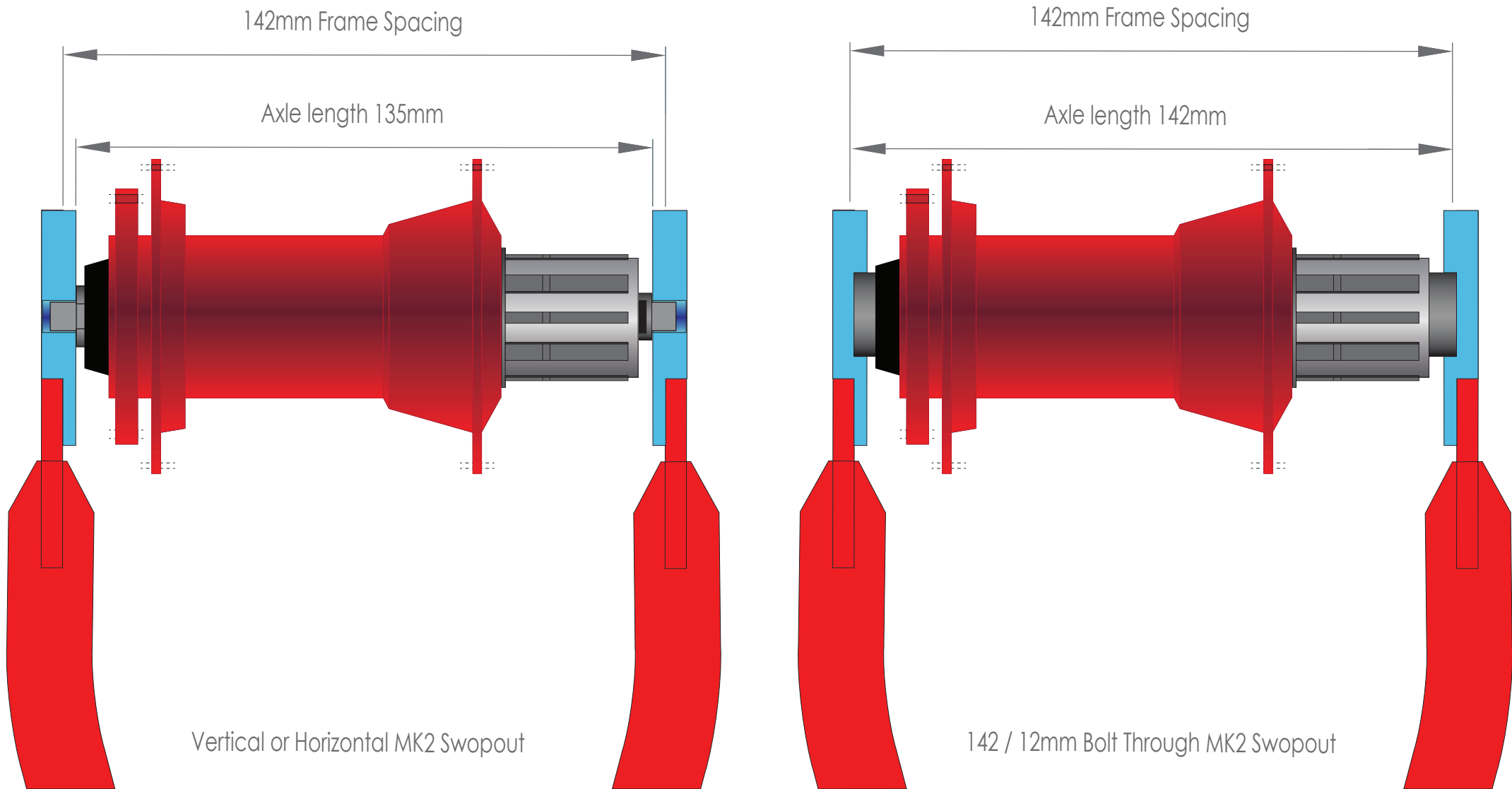
- Without any Swopout dropouts fitted to your DMR Swopout frame, physical distance is 142mm.
- However if you wish to use a 142 hub you will need a DMR frame designed to use 142 Swopouts (MK2 Swopouts (blue)).
- If you have a frame designed to use MK1 or MK1.5 Swopouts (black) - unfortunately you can't use 142 hubs.
- If you have a frame designed to use MK2 Swopouts (blue) - you can run 135 hubs using either the vertical or horizontal MK2 Swopout's.



DMR Swopout 142 | FAQ // Why Can't I Use 142 on my MK1 / MK1.5 Swopout Frame?



- 135 hubs sit in MK2 Swopouts just the same as MK1 or MK1.5 Swopouts as in the first illustration.
- However 142 hubs sit within the slots on you 142 / 12mm Bolt Through MK2 Swopout as in the second illustration.
- These slots allow the Swopout Dropout MK2's to be as wide as your frame (142).
- However to accommodate the axle of your 142 hub we had to change four more things...



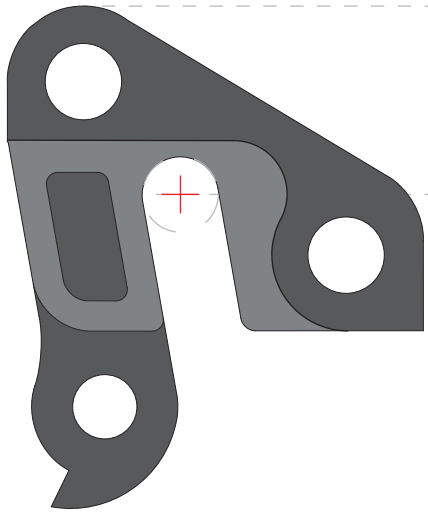
Vertical or Horizontal MK2 Swopout

142 / 12mm Bolt Through MK2 Swopout

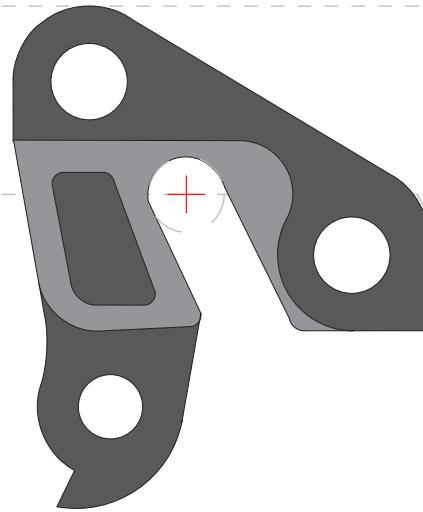
DMR Swopout 142 | FAQ // Swopout Development / History



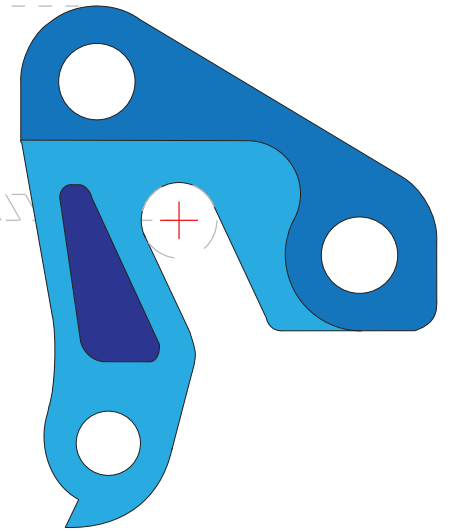
- The MK1 Swopout design was good and allowed you to run Vertical / Horizontal / 12mm Bolt Through 135mm hubs.
- We tweaked the design on the MK1.5 Swopout on only the Vertical option (below) to allow improved wheel fitting.
- At first look the MK1.5 and MK2 Swopouts below look the same - however we had to change one further dimension on the 142 / 12mm Bolt Through MK2 Swopout, this also affected the Vertical and Horizontal options at the same time.
- As you can see by comparing the different generations of Swopouts below we had to drop the axle, this is why...



MK1 Vertical Swopout

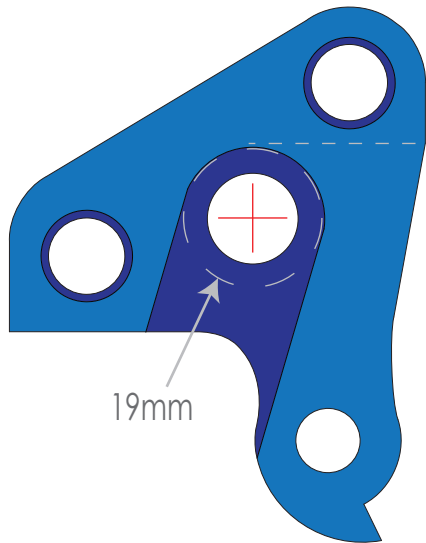


MK1.5 Vertical Swopout

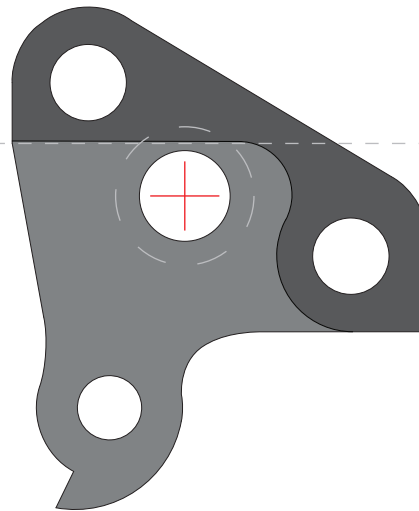


MK2 Vertical Swopout

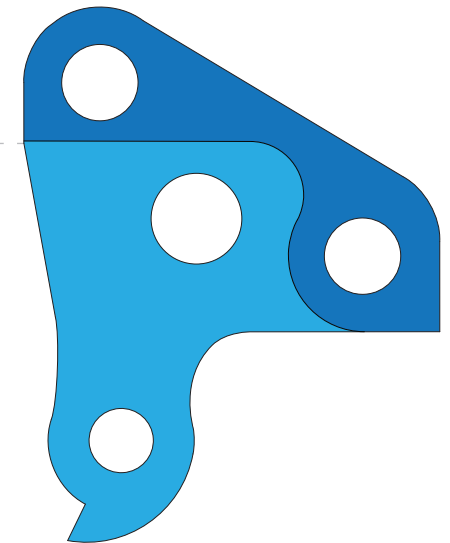
- We had to cut a slot into the 142 / 12mm Bolt Through MK2 Swopout so that they were as wide as the frame (142) (see page 2).
- The outside diameter of the 142 / 12mm axle's is 19mm - this had to be the width of this slot .
- As you can see from the second illustration below, if we did that without dropping axle we'd cut through the Swopouts mount where it meets your frame... then your axle would just not go though at all - it would hit your frame!
- So by dropping the axle we now have room for the 142 / 12mm axle, however there is one final thing to consider, this is where if you don't have a DMR 142 Swopout frame it all fails...



MK2 142 / 12mm Swopout



MK1.5 12mm Swopout

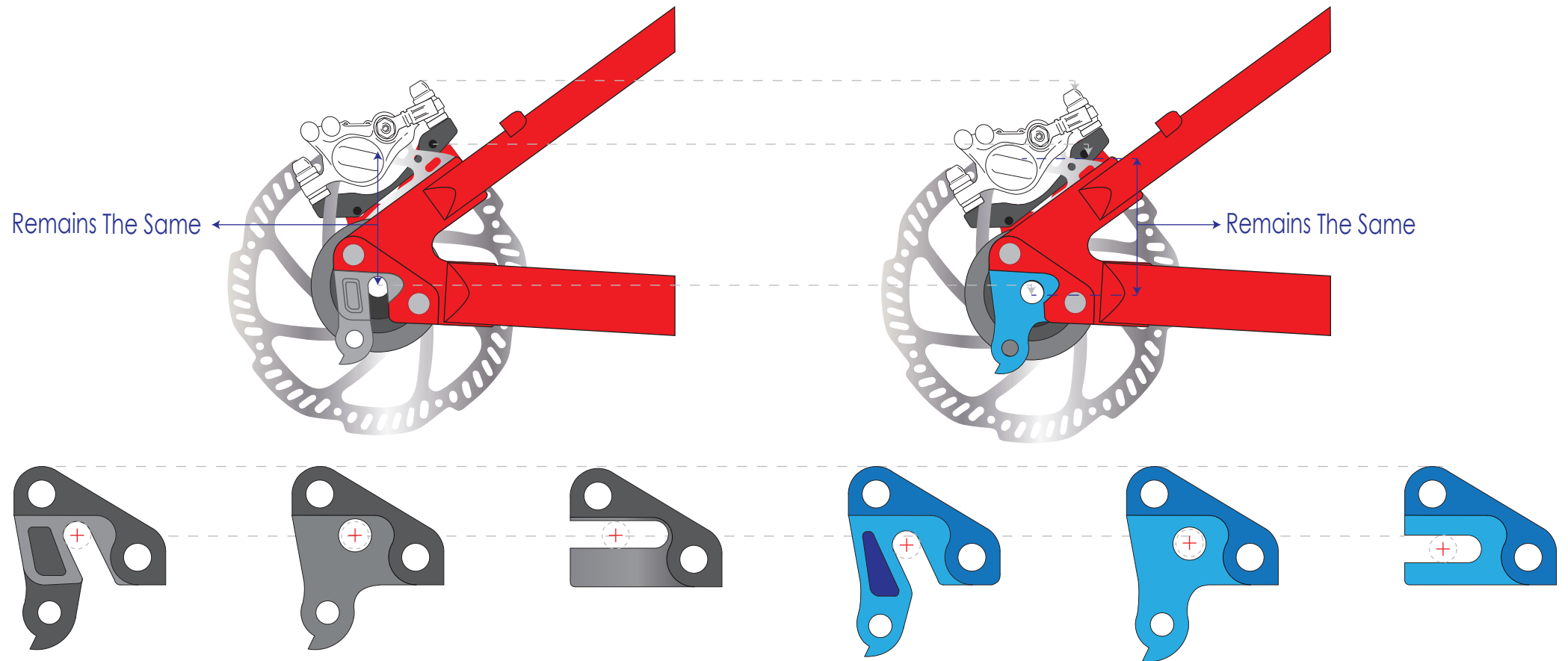


MK2 142 / 12mm Swopout

DMR Swopout 142 | FAQ // Swopout Development / Disc Mount



- As we moved the axle down in the Swopout...
- We had to move the disc mount down on the frame as well so that the disc rotor remained central to the disc calliper so that your brake would work correctly.
- Because of moving the brake mount down - this meant all MK2 Swopout axle centres needed to come down.



- So this means that - only a DMR MK2 Swopout frame can run MK2 Swopouts - and only these Swopouts - or your brake won't work correctly!