BMC
SWITZERLAND

TIMEMACHINE

Assembly Manual

TIMEMACHINE

Assembly Instruction Manual

The new Timemachine 01 represents the pinnacle of functional integration, aerodynamic form and rider-focused fit. By patiently following these guidelines, the assembly process will lead to properly fitting and functioning equipment with a high-performance, Swiss Engineered aesthetic.

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General Assembly Notes and Warnings

Due to the high level of integration of the Timemachine 01, proper assembly requires specialized tools and a high degree of mechanical skill. It is critical that the assembly and maintenance is performed by a qualified professional equipped with proper tools.

In order to successfully assemble the Timemachine 01, it is important to follow the order of operations outlined in this guide. Failure to follow the outlined procedure can result in an assembly process that is more difficult than necessary and an end product that performs less than ideal.

WARNING: The Timemachine is assembled using proprietary components that cannot be substituted with non-specified equipment. Substitution of any of these components can compromise the integrity of the entire system and should under no circumstances be substituted. Failure to follow this warning can result in serious injury or death.

Tools and materials

- Allen keys: 2, 2.5, 3, 4, 5, 6, 10mm
- Torx keys: T10, T15, T25, T27
- Spanner wrench: 10,13mm
- High quality grease
- Carbon paste
- Torque wrench
- Carbon fiber cutting blade
- PF-86 BB Installation tool
- Shimano BB tool TL-UN66
- Dropout-style clamping work stand
- Zip ties

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Sizing & Fit

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Prioritize your performance

The new BMC Timemachine 01 has been designed with two unique and complimentary integrated cockpits and two different seatpost mounting options - offering the widest range of cockpit adjustment for a triathlon-specific bike.

It is strongly recommended that a final cockpit position is established prior to beginning the assembly of your new Timemachine 01. We encourage the assistance of a qualified bike fit specialist utilizing a fit bike, or the use of a pre-existing and functional position.

With a known “Armpad Stack and Reach”, BMC retailers can provide the proper assembly procedure to ensure an end result that is integrated and functional.

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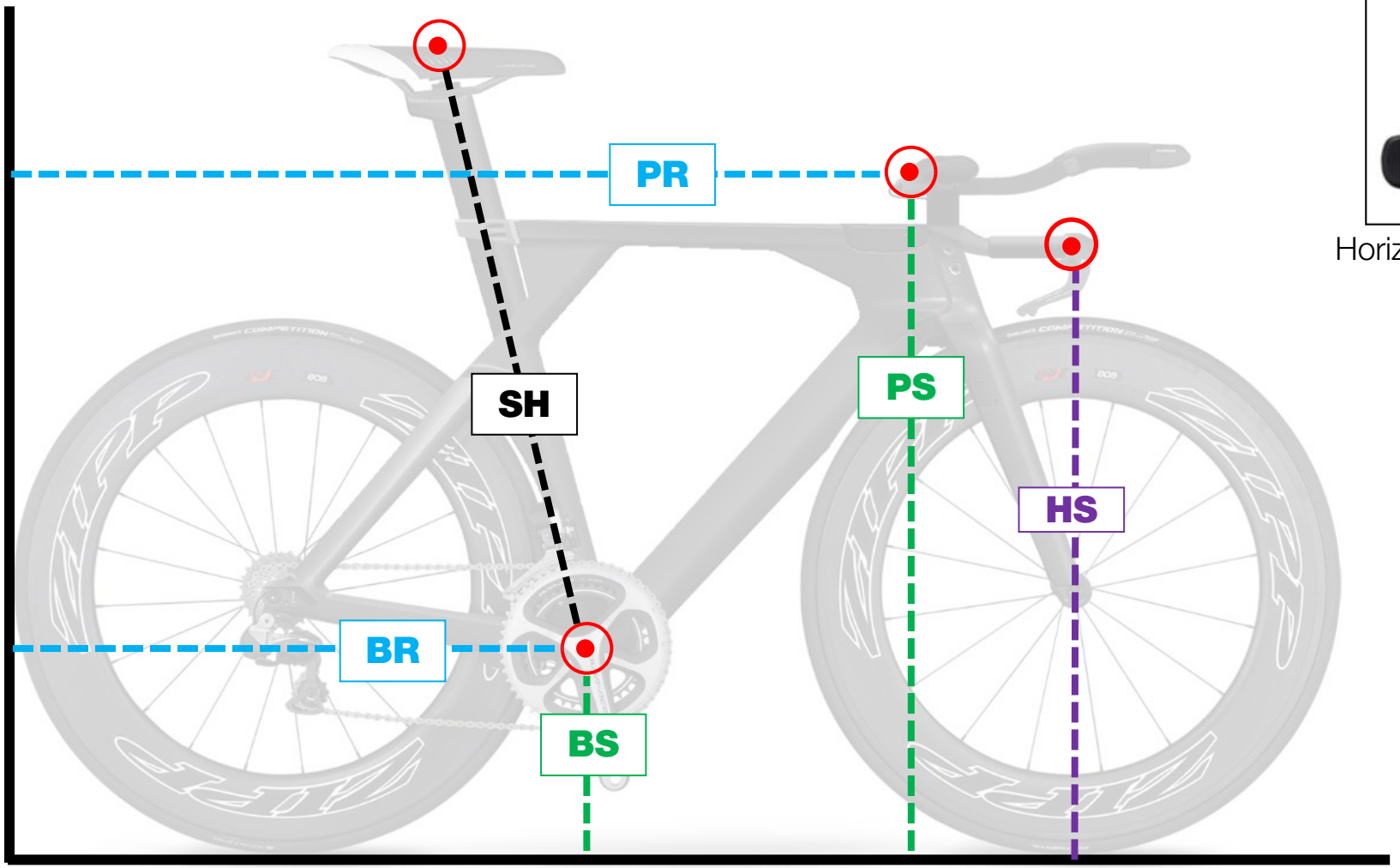
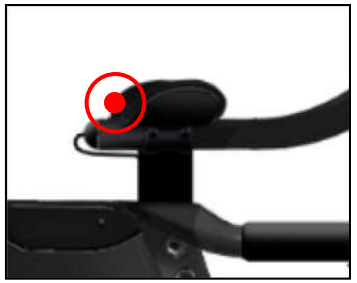
Find your cockpit dimensions



Pad measurement

Horizontal: rear edge



Vertical: pad surface

Seat height measurement

Vertical: top of saddle
Horizontal: fore/aft mid-point

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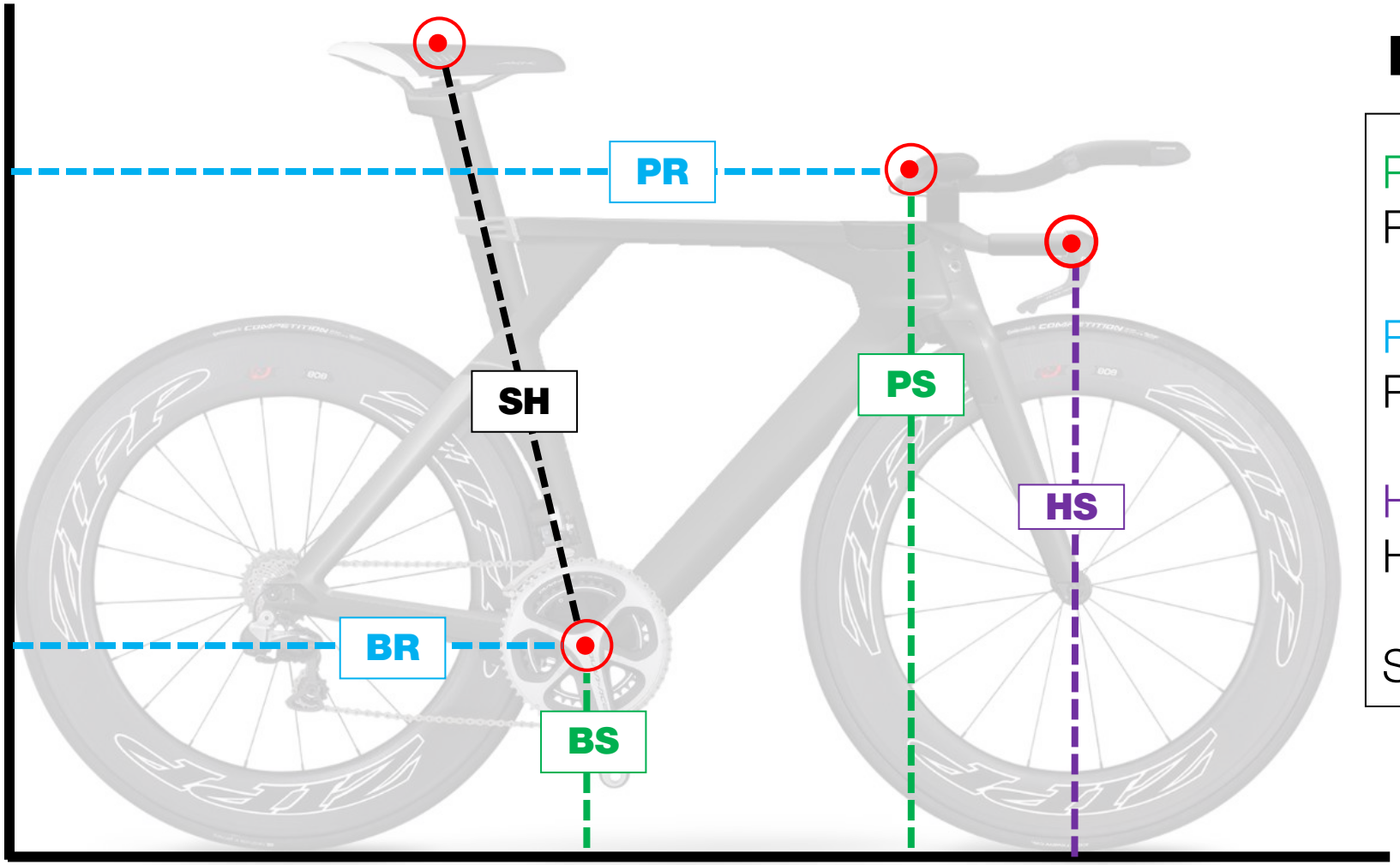
Find your cockpit dimensions



Pad Stack & Reach

Pad Stack = PS – BS
Pad Stack =_____mm

Pad Reach = PR – BR
Pad Reach =_____mm

Hand Stack = HS – BS
Hand Stack =_____mm

Seat height =_____mm

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Find your cockpit dimensions

BMC Retailers are equipped with an online sizing resource to determine the ideal frame size, cockpit suggestions, and assembly guidelines.

Sizing tool - https://b2b.bmc-switzerland.com/tools/timemachine-sizing

V-Cockpit

MEDIUM-SHORT

V Cockpit / Hand=590

	PAD STACK	REACH						
Long Slider	665	438	450	465	480	495	510	522
	660	430	442	457	472	487	502	514
	655	422	434	449	464	479	494	506
	650	414	426	441	456	471	486	498
	645	406	418	433	448	463	478	490
Short Slider	638	392	404	419	434	449	464	476
	635	389	401	416	431	446	461	473
	630	381	393	408	423	438	453	465
	625	373	385	400	415	430	445	457
	620	365	377	392	407	422	437	449
	616	359	371	386	401	416	431	443

Flat-Cockpit

MEDIUM-SHORT

Pad Stack	Low "Hand" Stack = 482		High "Hand" Stack = 562	
	Spacers	Bolt length	Spacers	Bolt length
630			70	95
625	70	95	65	90
620	65	90	60	85
615	60	85	55	80
610	55	80	50	75
605	50	75	45	70
600	45	70	40	65
595	40	65	35	60
590	35	60	30	55
585	30	55	25	50
580	25	50	20	45
575	20	45	15	40
570	15	40	10	35
565	10	35	5	30
560	5	30	0	25
555	0	25		

Bridge Required

Bridge Required

Reach = 425-511					
FRONT	451	466	481	496	511
REAR	425	440	455	470	480

Examples of the BMC Dealer B2B online fit tool

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P2P
Configurations

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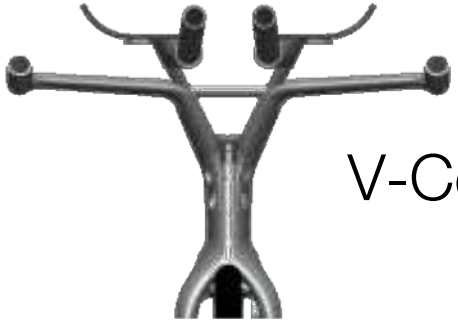
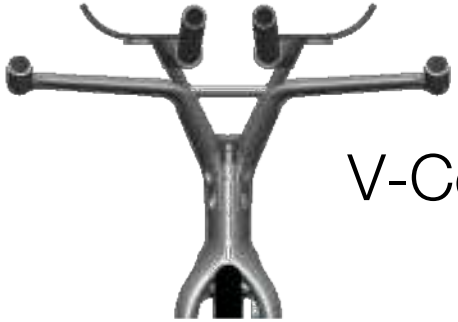
Triathlon front-mount seatpost + storage box



V-Cockpit

Flat-Cockpit

Time trial rear-mount seatpost (no storage box)



V-Cockpit

Flat-Cockpit

⚠ Due to the forward orientation, the V-Cockpit might exceed UCI regulations for allowable cockpit length

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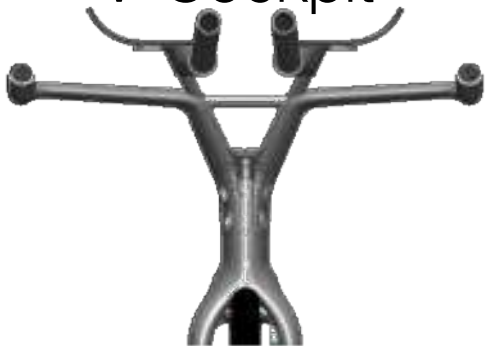
V-Cockpit vs Flat Cocpkit

V-Cockpit



WHY: The V-Cockpit (spec on all complete bikes - frameset optional) offers optimal aerodynamic performance for taller pad stack dimensions, while the forward-offset promotes vertical compliance – a state-of-the-art blend of high-performance and comfort.

Note: For Time Trial athletes subject to UCI rules and regulations, the V-Cockpit may exceed standard cockpit measurement guidelines.

Flat-Cockpit

WHY: The Flat-Cockpit offers maximal aerodynamic advantage, allowing riders the lowest possible pad stack configurations.

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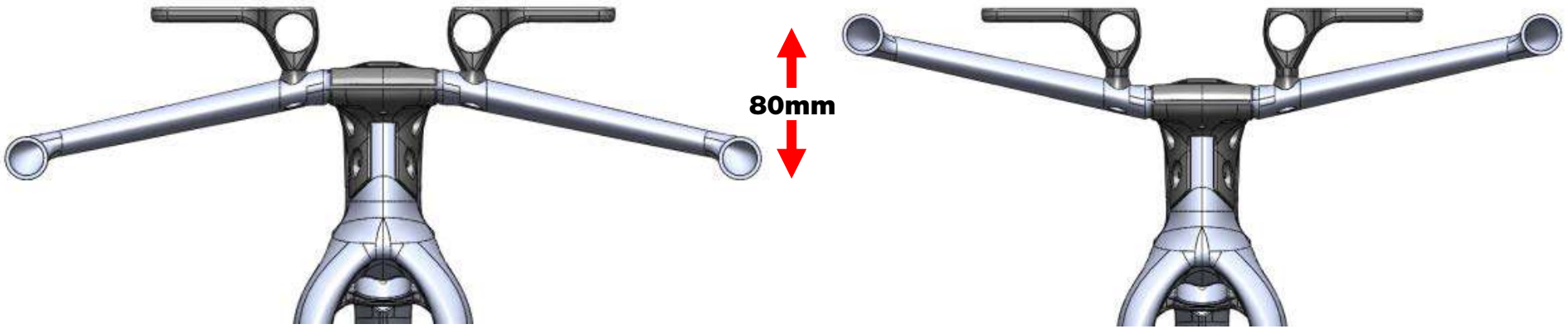
Flat-Cockpit Configuration

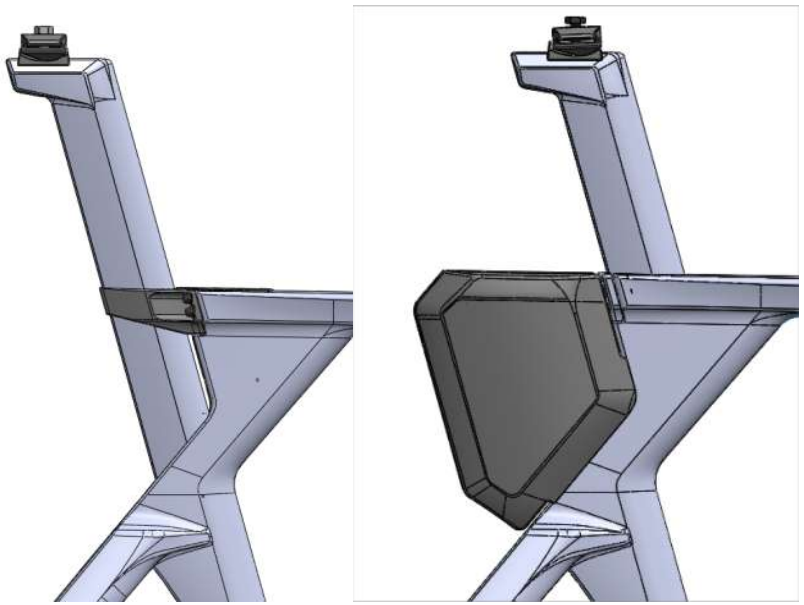
The Flat-Cockpit can be mounted in 2 positions, pointing downward or upward. The driving parameter to choose your position is the base bar altitude - depending on the combination of your discipline, riding style and pad height. Orientation of the base bar affects pad stack height by 10mm.



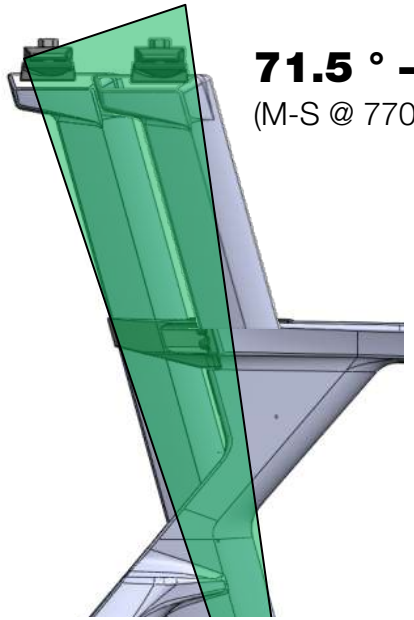
Note: the difference on base bar altitude is 80mm between the 2 positions.

Seatpost Configuration

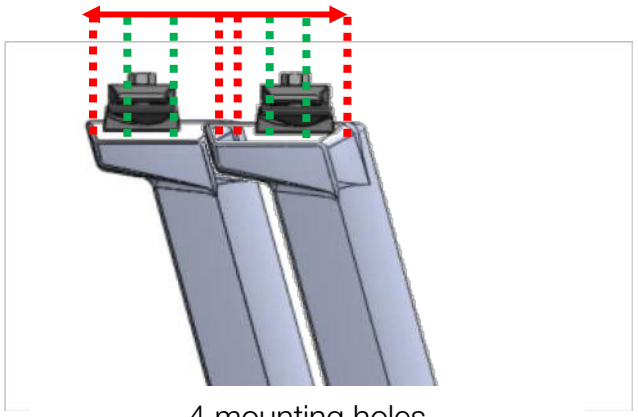
The seatpost has 2 mounting positions (patent pending), with multiple hardware mounts – totaling 124mm of possible fore-aft adjustment.



The forward mounting option enables the use of a storage box.



71.5 ° – 80.8° Effective Seattube
(M-S @ 770mm)



4 mounting holes
62mm adjustment per post
120mm of range with overlap

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Frame Assembly

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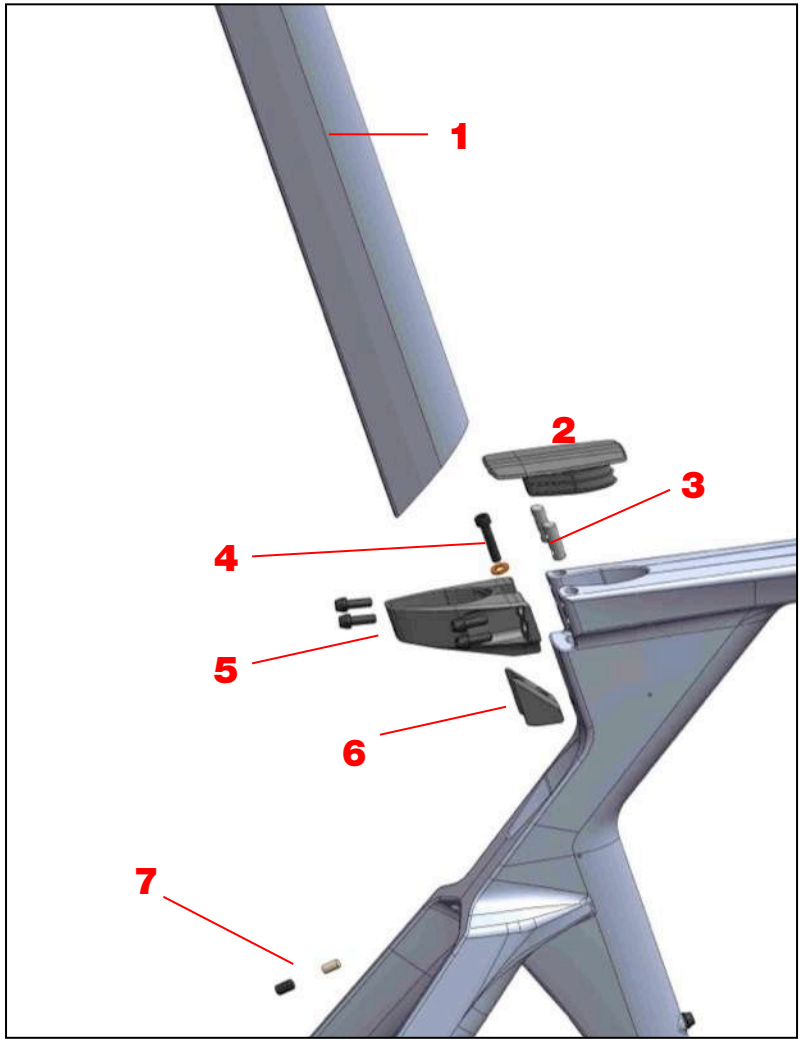
Rear Seatpost Configuration



1	Seatpost
2	Cover – forward mount
3	Seatpost Clamp Cylinder (x2)
4	Seatpost Counterclamp Bolt & Washer
5	Seatpost Clamp (Rear) & Bolts (x4)
6	Seatpost Counterclamp
7	Seatpost ‘Play-Killer’ & Bolt

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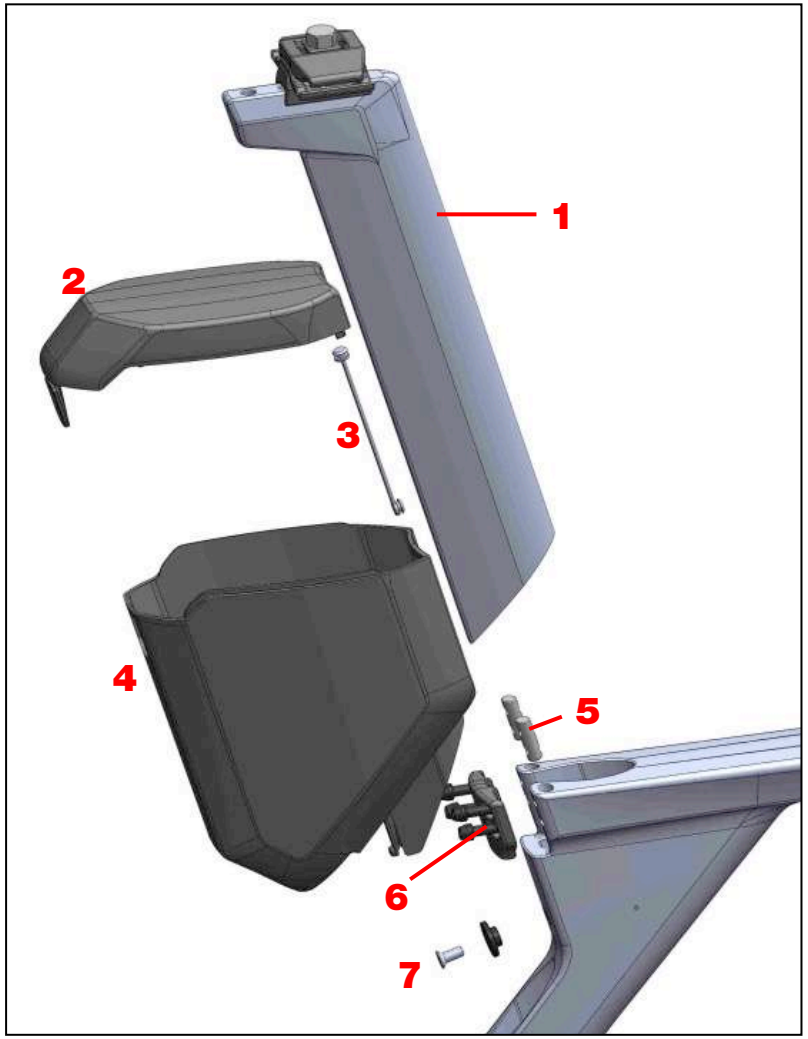
Front Seatpost Configuration



1	Seatpost
2	Storage Box Cover
3	Rubber Link
4	Storage Box (optional)
5	Seatpost Clamp Nut (x2)
6	Seatpost Clamp Bracket & Bolts (x4)
7	Storage Box Fixation Mount & Bolt

Riders electing to not use the storage box can install an optional cover in the vacant rear seatpost mounting hole.

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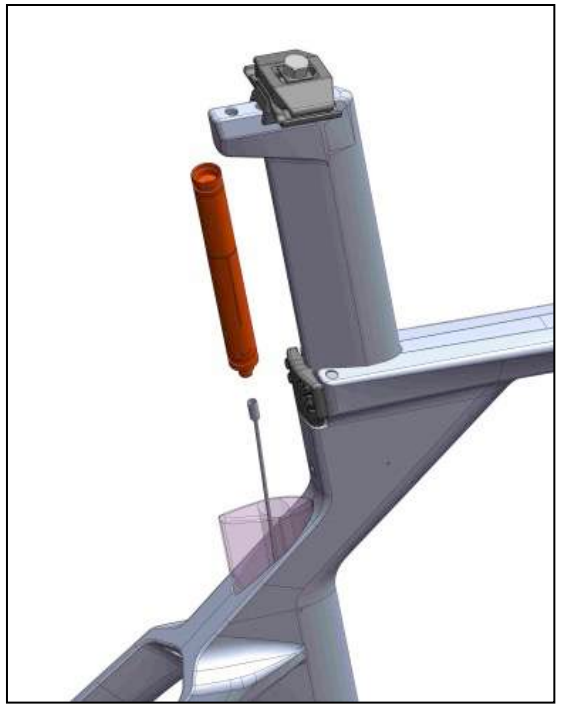
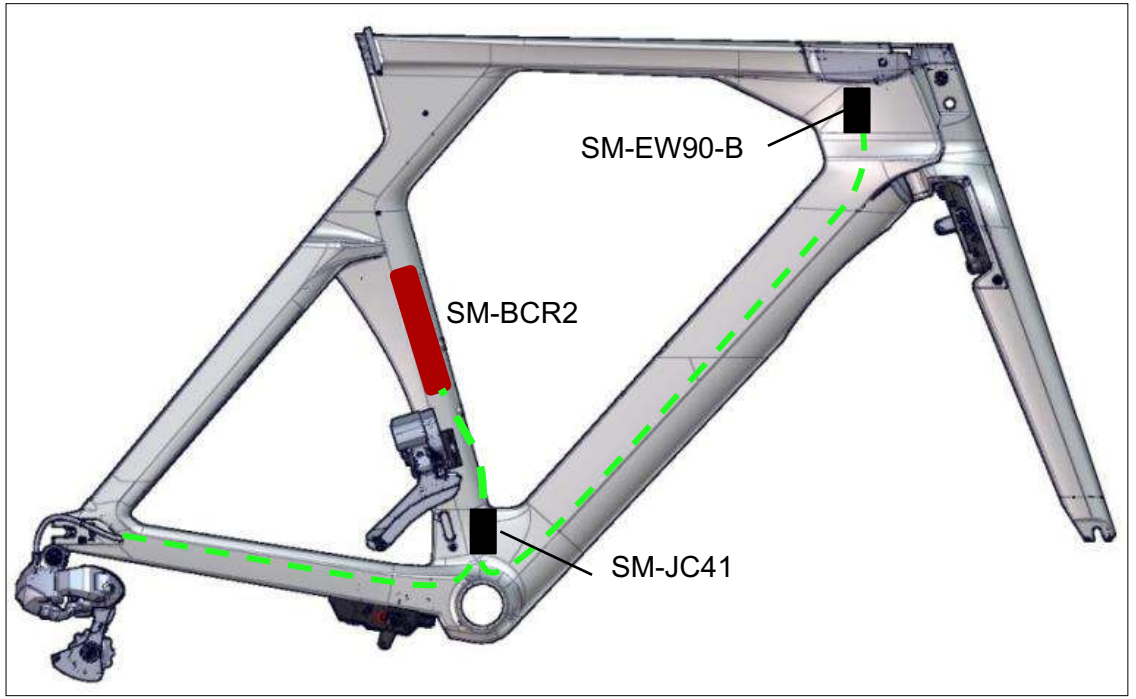
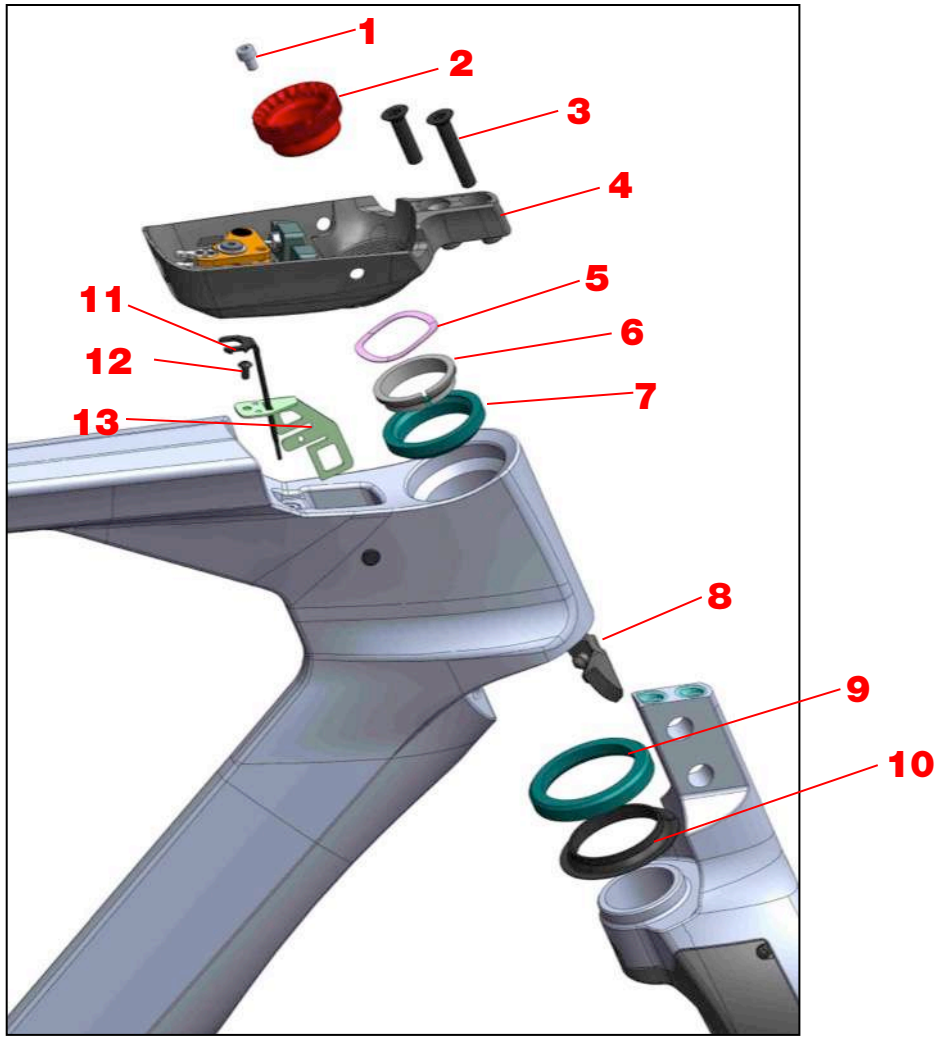
Electronic Junctions, Wires & Battery

Note: The Di2 Battery is installed in the rear seatpost mounting location – properly sized foam will position the battery properly.





Headset / Fork Components



1	Stopper Bolt
2	Headset Bolt
3	Fixation Bolts (x2: Front – Long / Rear – Short)
4	Brake Booster Box
5	Wavy Washer
6	Conical Compression Ring
7	Headset Bearing - Upper
8	Fork Bumper
9	Headset Bearing - Lower
10	Bearing Race
11	Multitool
12	Fixation Bolt
13	Di2 Junction Bracket

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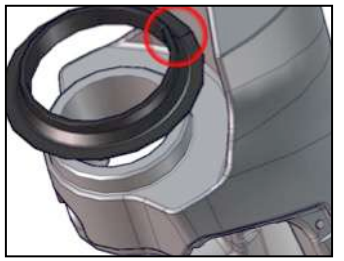
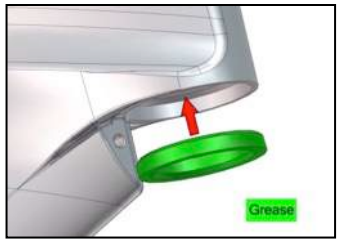
Fork Installation

1. Mount the Lower Conical Ring on the fork – slot pointing forwards.



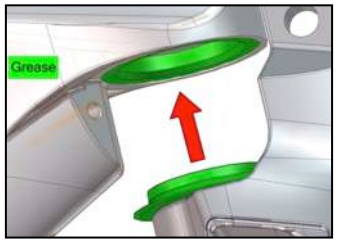
Step 1

2. Place the Lower Bearing into the frame – grease on all contact points



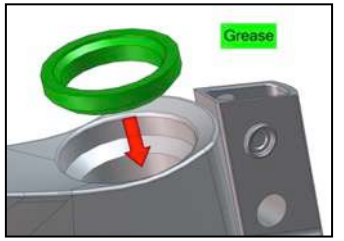
Step 2

3. Insert the fork into the frame



Step 3

4. Place the Upper Bearing into the frame – grease on all contact points



Step 4

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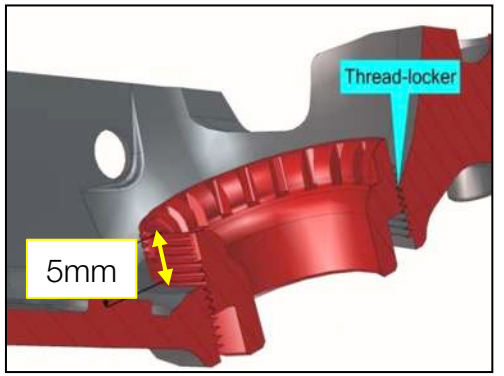
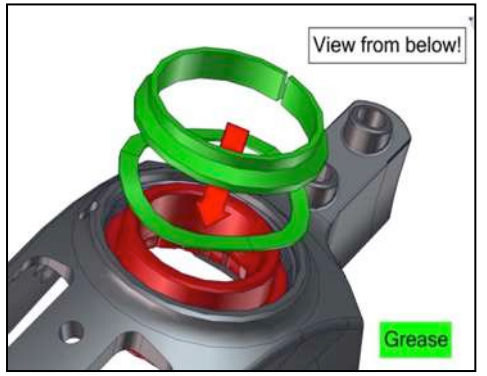
Headset Assembly

5. Pre-assemble the Brake Booster Box:
   a. Insert the Headset Bolt until the top of the Headset Bolt is 5mm from the bottom of the Brake Booster Box



Step a

   b. Place the Wavy Washer over the Headset Bolt (from below)
   c. Place the Conical Compression Ring on the Wavy Washer



Steps b & c

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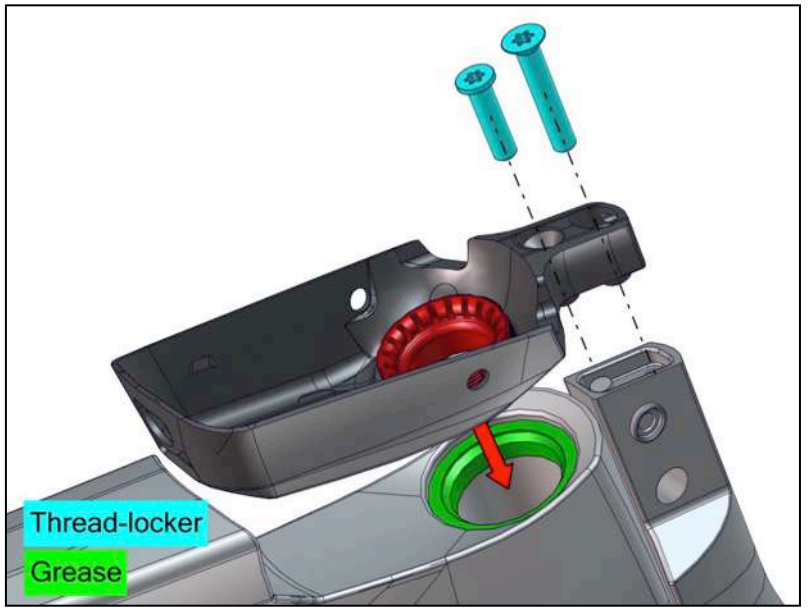
Headset Assembly

6. Install the assembled Brake Booster Box in to the Upper Headset Bearing

7. Insert the Fixation Bolts (x2: Front – Long / Rear – Short) to 12Nm



Steps 6 & 7

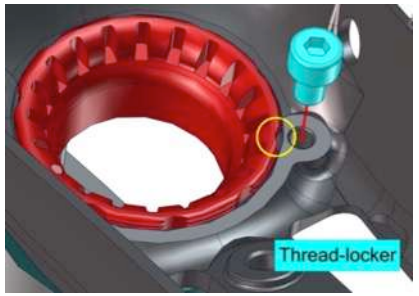
Headset Assembly

8. Tighten the Headset Bolt to 8Nm using a Shimano Spline BB Tool
   a. Check for play in the headset assembly
   b. Tighten as necessary

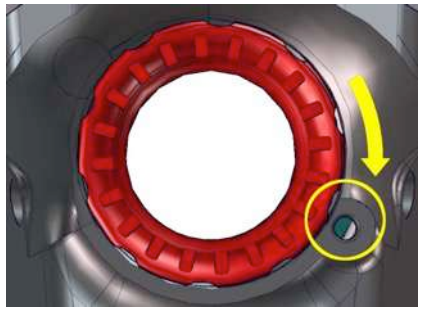
9. Install the Stopper Bolt 2 complete rotations

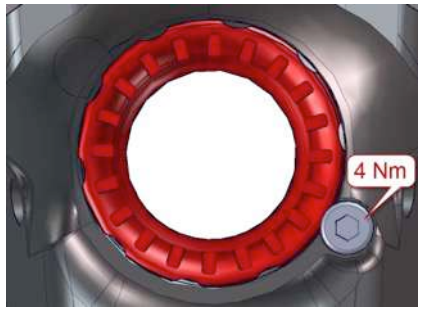
10. Rotate the Headset Bolt clockwise until closest indent aligns with Stopper Bolt

11. Tighten Stopper Bolt to 4Nm



Step 9

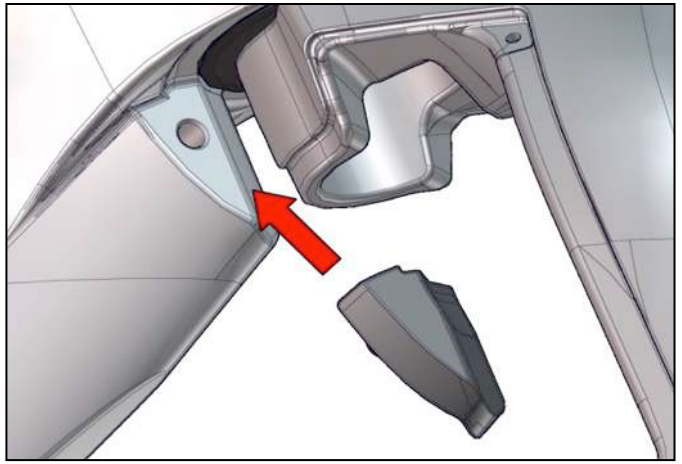

Step 10



Step 11

Headset Assembly

12. Install Fork Bumper



Step 12

⚠ Final check – test fore-aft play and ease of turning to verify headset is properly installed and adjusted.

Headset Adjustment

Each bike or frame is delivered with one Headset Adjustment Tool, enabling adjustment of the Headset Bolt on an assembled bike (when cockpit/ cables are mounted).

Headset Bolt Adjustment Tool

10mm Allen Key

To adjust headset:

1. Unscrew the Stopper Bolt until clear of the Headset bolt
2. Insert the Headset Bolt Adjustment Tool
3. Turn clockwise (using a 10mm allen key in the tool)
4. Align Headset Bolt indent with the Stopper Bolt
5. Tighten the Stopper bolt to 4Nm

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Brake Assembly & Installation

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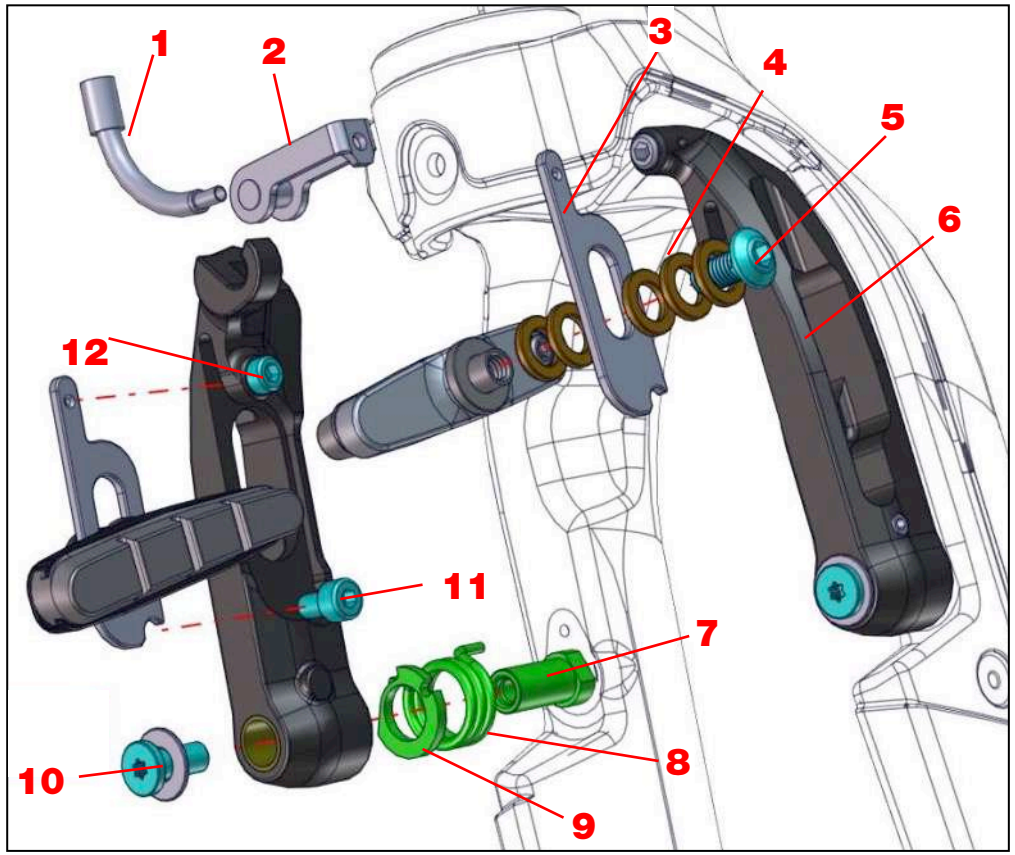
Brake Components



1	Cable pipe
2	Pipe holder
3	Quick pad holder
4	Quick pad spacers (x5)
5	Brake cartridge bolt
6	Brake arm (L & R)
7	Brake boss
8	Return spring
9	Tension plate
10	Mounting bolts
11	Quick pad fixing bolt - lower
12	Quick pad fixing bolt - upper

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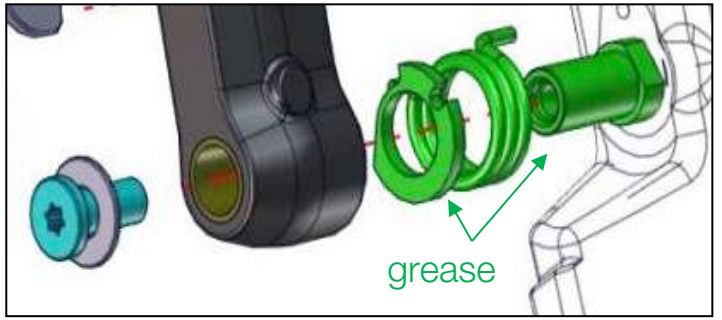
Brake Installation

1. Mount the Brake Bosses to the fork and the bottom of the chainstays using thread locker and tighten to 6Nm

2. Mount the pre-assembled Brake Arms (L & R) to their front/rear-specific locations using grease

3. Tighten Mounting Bolt to 6Nm



Step 2

Mounting Bolt & washer > Brake Arm > Tension Plate > Return Spring > Brake Boss

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V-Cockpit Assembly

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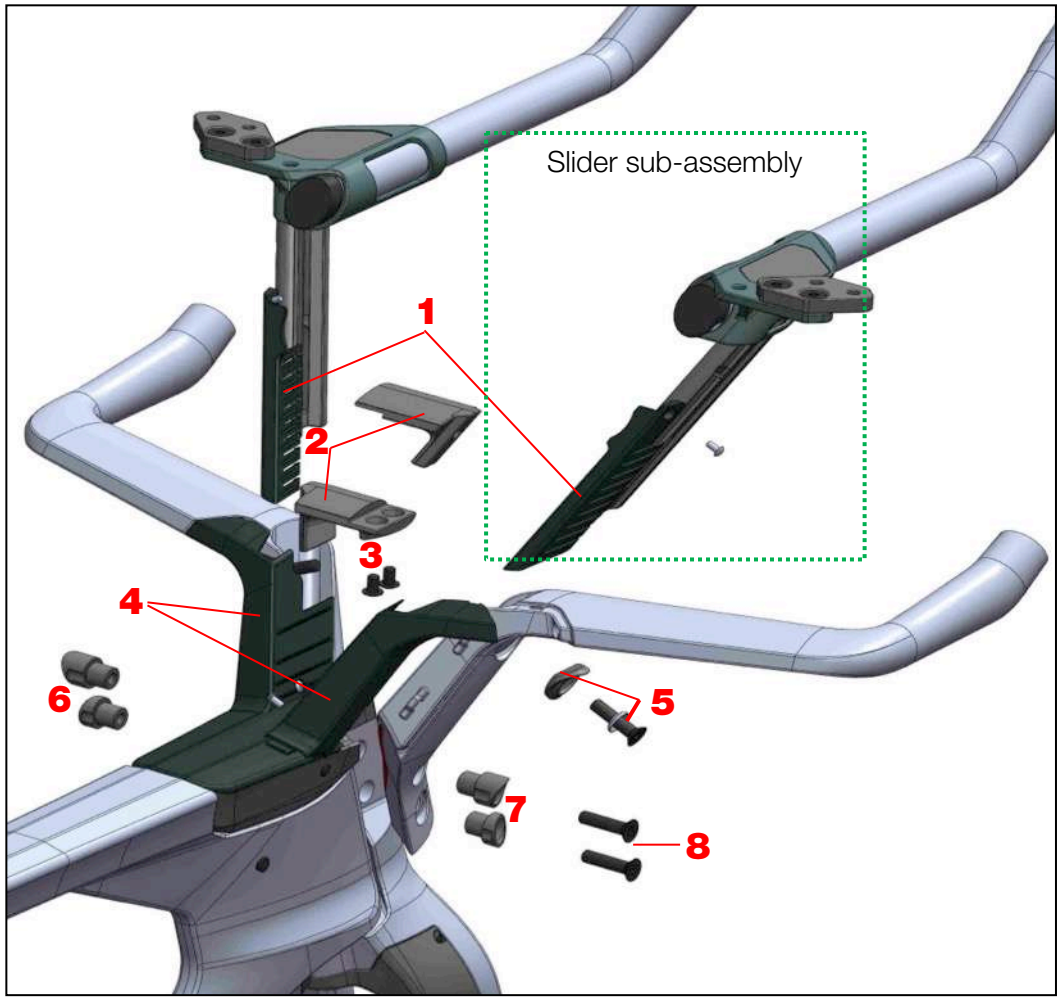
V-Cockpit Components



1	V-Covers (L&R)
2	Bridge (L&R)
3	Bridge fixation bolts (x2)
4	V-Covers (L&R)
5	Slider fixing bolt - bolt washer & frame mount
6	Lateral fixing nuts (threaded) – Upper & Lower
	Upper nut - deep
	Lower nut - shallow
7	Lateral fixing nut (non-threaded)
	Upper nut - deep
	Lower nut - shallow
8	Lateral fixing bolts (x2)
	Upper bolt – long
	Lower bolt – short

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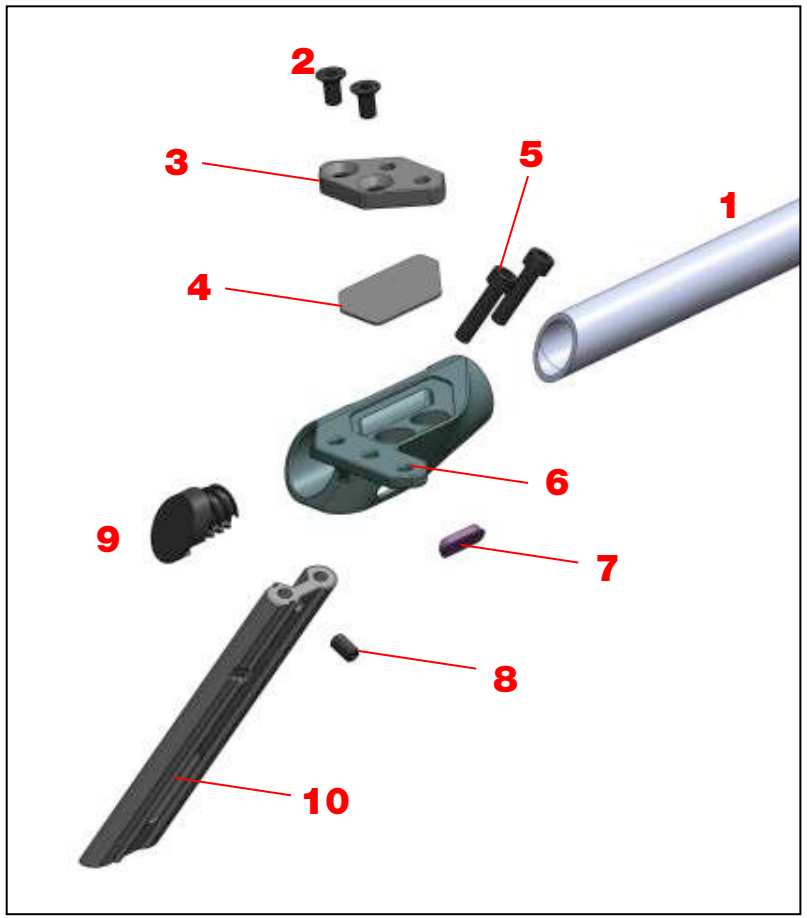
V-Cockpit Components

Slider sub-assembly (right)



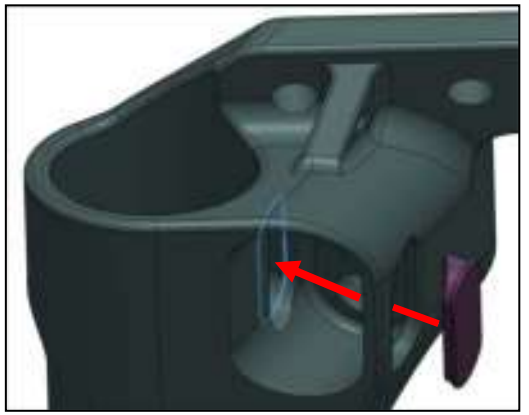
1	Extension
2	Reach plate fixing bolts
3	Reach plate (optional)
4	Cover plate
5	Slider fixing bolts
6	Extension bracket
7	Extension clamp
8	Extension clamp bolt
9	End plug
10	Slider - short (x2) & long (x2)

Dimension	Stack range
SHORT: 90mm	0 – 22mm
LONG: 124mm	29 – 50mm

Use the optional reach plate (3) for 22-29mm of altitude range.

V-Cockpit Assembly – Extension Brackets

1. Insert the Extension Clamp into the Bracket (once installed, the slider will hold the Extension Clamp in place)



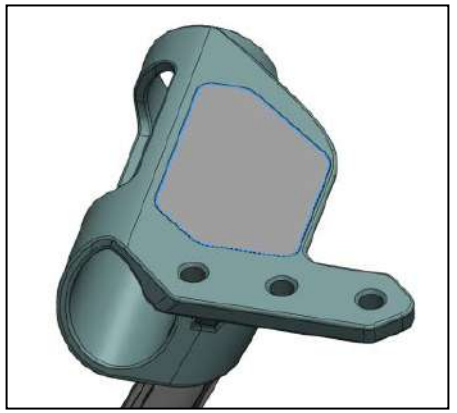
Step 1

2. Install the Slider into the Bracket and insert the Slider Fixation Bolts
3. Tighten up to 12 Nm

Steps 2 & 3

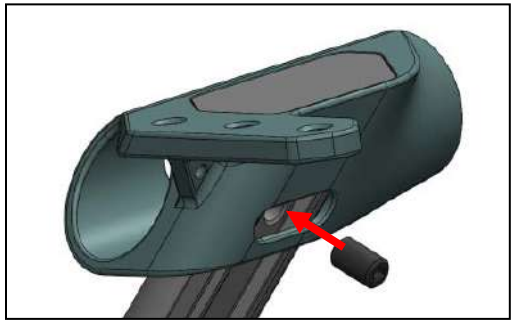
V-Cockpit Assembly – Extension Brackets

4. Remove the adhesive protection from the Cover Plate and put it in its dedicated recess onto the Extension Bracket (Right/Left-specific)



Step 4

5. Install the Extension Clamp Bolt into the Slider only 2 complete rotations
6. Repeat steps 1-5 for the other side



Step 5

The Carbon Extensions are now ready to be installed in later steps

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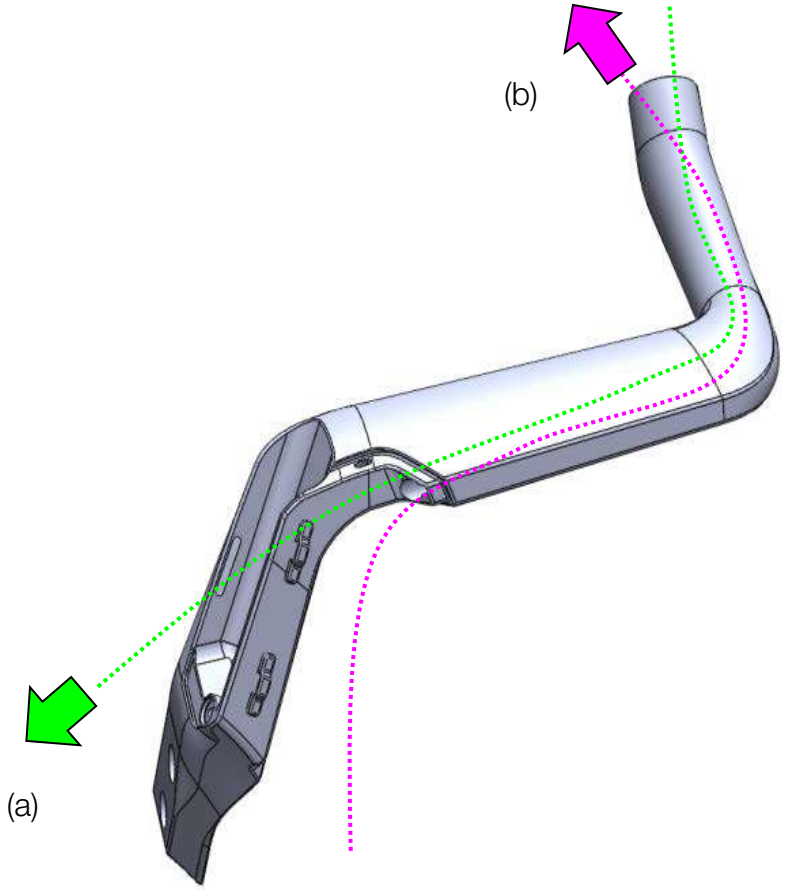
V-Cockpit Assembly – Base Bar

Prepare the Base Bar (R & L) by pre-mounting:

1. Di2 wires
2. Brake cable housing

Note: Failure to install Di2 wires before brake housing significantly increases the difficulty of this process

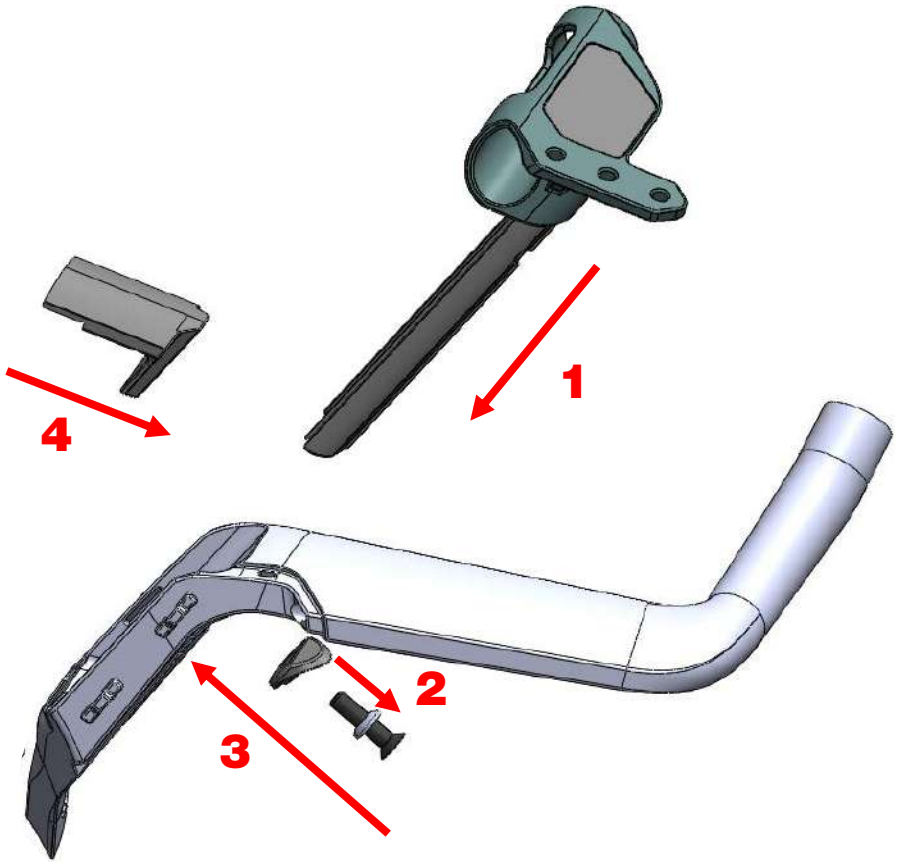


Pre-cutting the cable housings:

Orientation	Pre-cut length (mm)	
	Shimano	SRAM
EU: Rear Brake (R)	390	380
EU: Front Brake (L)	400	390
Right hand front brake assembly AUS / NZL / GB ect. (see page 50/51)		
Rear Brake (L)	410	400
Front Brake (R)	420	410

V-Cockpit Assembly – Base Bar

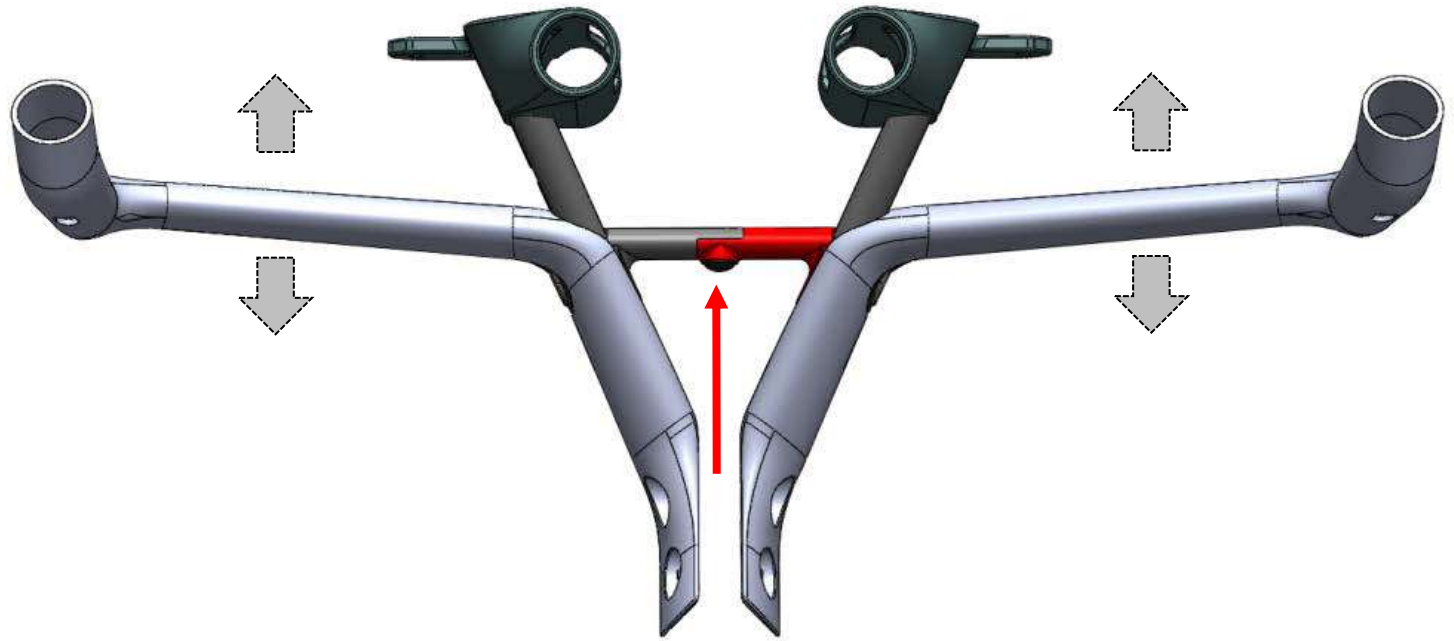
1. Install Sliders into the corresponding Base Bar (R & L)
2. Place the Spherical and V Washers onto the Slider Fixation Bolts (x2)
3. Insert the Slider Fixation Bolts through the Base Bar holes and the Slider longholes
4. Install the Slider Fixing Bolts into the corresponding bridge parts (R & L) and pre-tighten them slightly (just ensure the parts do not slide anymore)



V-Cockpit Assembly – Base Bar

5. Assemble the Base Bar assemblies (R & L) together via the Bridge connection and the Bridge Fixation Bolts (x2)

⚠ Note: Only tighten the Bridge Bolts enough to allow a small amount of play in Base Bars



Brake Booster Assembly & Brake Setup

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Brake Booster – What is it?

The Brake Booster (patent pending) is a proprietary system to enhance Timemachine 01 brake performance.

Functions

1. Increase Lever Pull : Free Stroke ratio

   Why: prevent unwanted brake pad rub during wheel flexing moments

2. Enable the brake cables to be disconnected

   Why: allows athletes to disconnect the cockpit from the frame for traveling/packing

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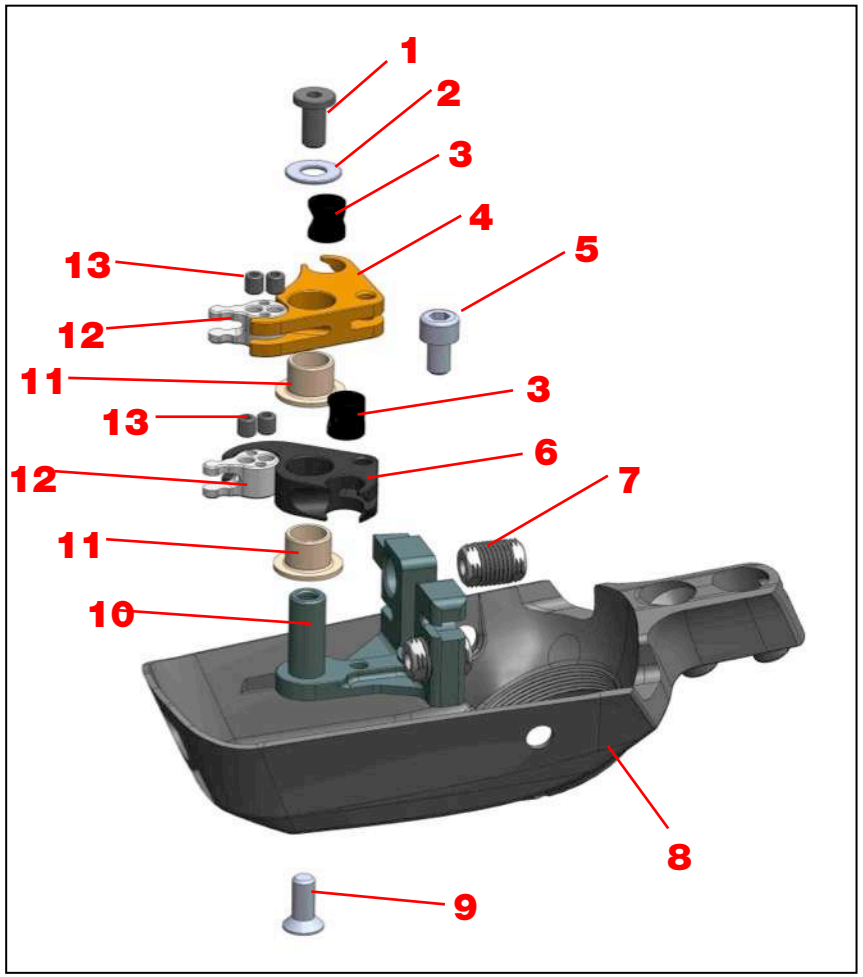
Brake Booster Components

⚠ Brake Boosters will come pre-assembled on the Support (10) on all complete bikes and framesets.



1	Upper bolt
2	Washer
3	Cable interface
4	Brake Booster – Upper (R)
5	Main Socket Bolt
6	Brake Booster – Lower (F)
7	Housing boss (x2)
8	Brake Booster Box
9	Countersunk Bolt
10	Support
11	Bushing
12	Cable Stopper (x2)
13	Cable Stop Nuts (x2 per stopper)

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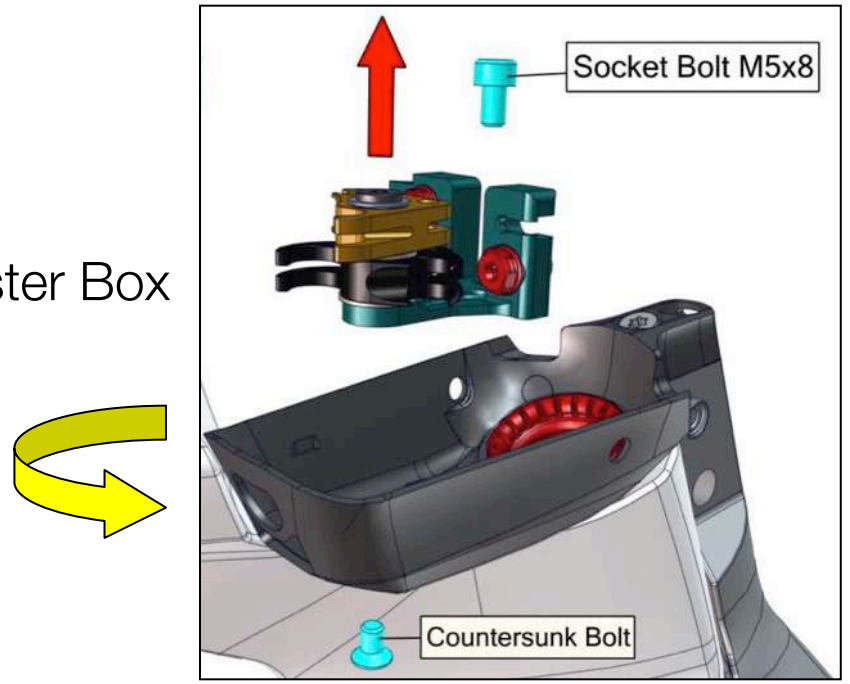
Brake housing & Cable Installation

Temporarily removing the Brake Booster Box will provide service technicians more space to work!

1. Remove the Main Socket Bolt (M5)
2. Rotate the fork to expose the bottom of the Brake Booster Box
3. Remove the Countersunk Bolt from below.



Steps 1-3

Brake housing & Cable Installation

Pre-cut brake housing lengths:

Frame Size	Brake Casing Length	
	Front Brake	Rear Brake
S	120mm	710mm
M-S	135mm	740mm
M-L	135mm	770mm
L	175mm	840mm

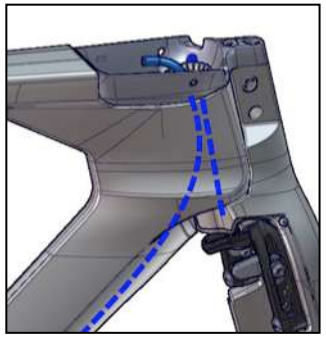
Failure to follow these prescribed lengths will significantly increase the difficulty of achieving proper brake function and smooth feel.

Brake Housing & Cable Installation

1. Starting at the Brake Booster Box, route the brake housing through the Headset Bolt using the supplied routing liner.

Step 1

2. Pass the front brake housing directly through the head tube to the mounted brake caliper



Step 2

3. Pass the rear brake housing in to the frame at the downtube junction and pass it underneath the bottom bracket area to the mounted brake caliper.

Step 3

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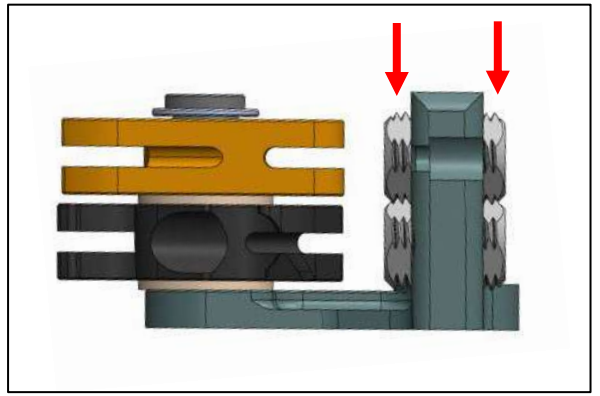
Brake Housing & Cable Installation

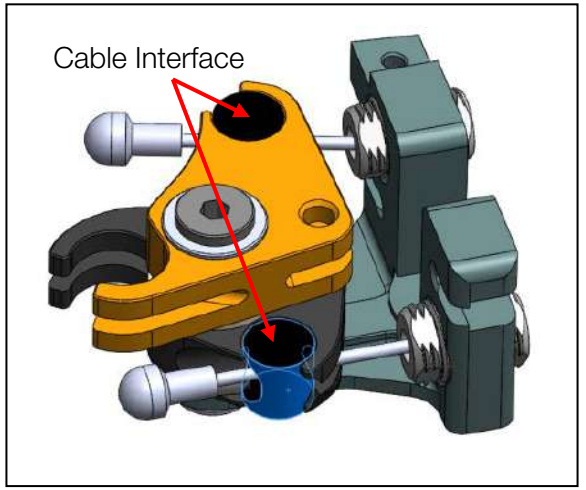
Brake Booster → Brake Calipers

1. Prepare the Brake Booster for the next steps by centering the position of the Housing Boss (same distance front and back)



Step 1

2. Mount the brake cables at the Brake Booster to the brakes using Cable Interfaces.



Step 2

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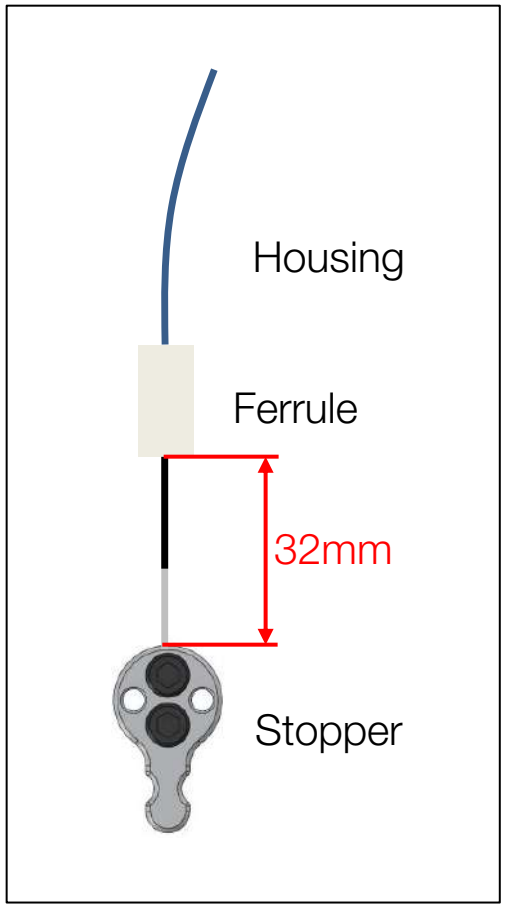
Brake Housing & Cable Installation

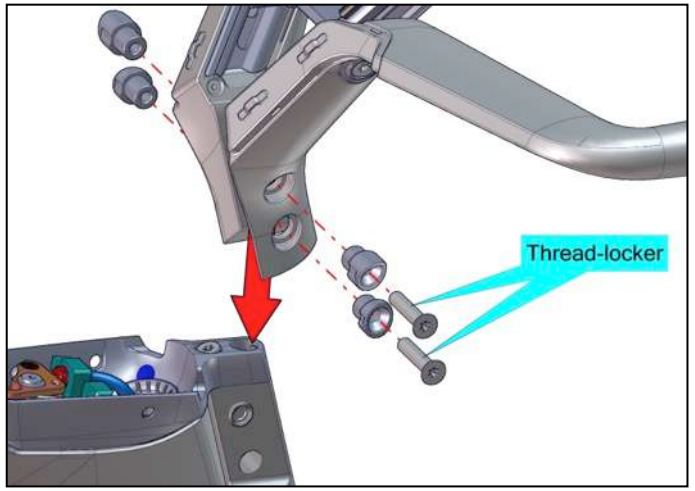
Brake Lever → Brake Booster

1. Install brake cables at the brake levers and pass cable completely through the housing
2. Install Stoppers on the cable ends exactly 32mm from the end of the ferrule (ensure the brake cable is taut for accurate measurement)
3. Tighten the Stopper Bolts to 3Nm
4. Trim remaining cable



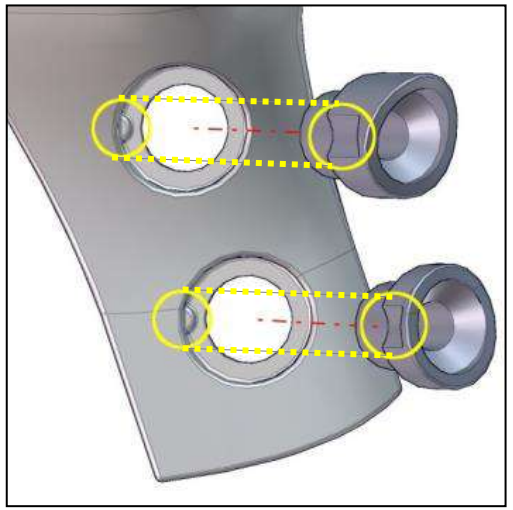
Brake Housing & Cable Installation

1. Mount the pre-assembled V-Cockpit or Flat-Cockpit to the fork by sliding the cockpit downward and rearward.



Step 1

2. When mounting the cockpit to the fork, it is critical to properly align the Lateral Fixing Nuts with the corresponding notch in the cockpit - as indicated in the image.
3. Tighten the Lateral Fixing Bolts to 8Nm



Steps 2 & 3

BMC SWITZERLAND

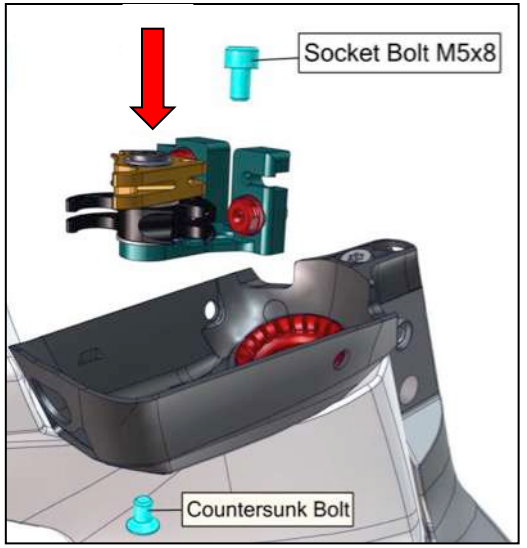
Brake Housing & Cable Installation

3. Attach all brake cables to corresponding Brake Booster locations
   a. Upper assembly = Rear brake
   b. Lower assembly = Front brake

Step 3

4. Route brake cables to brake calipers (if not already done)

5. Install the Support on the Brake Booster Box using the Main Socket Bolt and the Countersunk Bolt (from below)



Step 5

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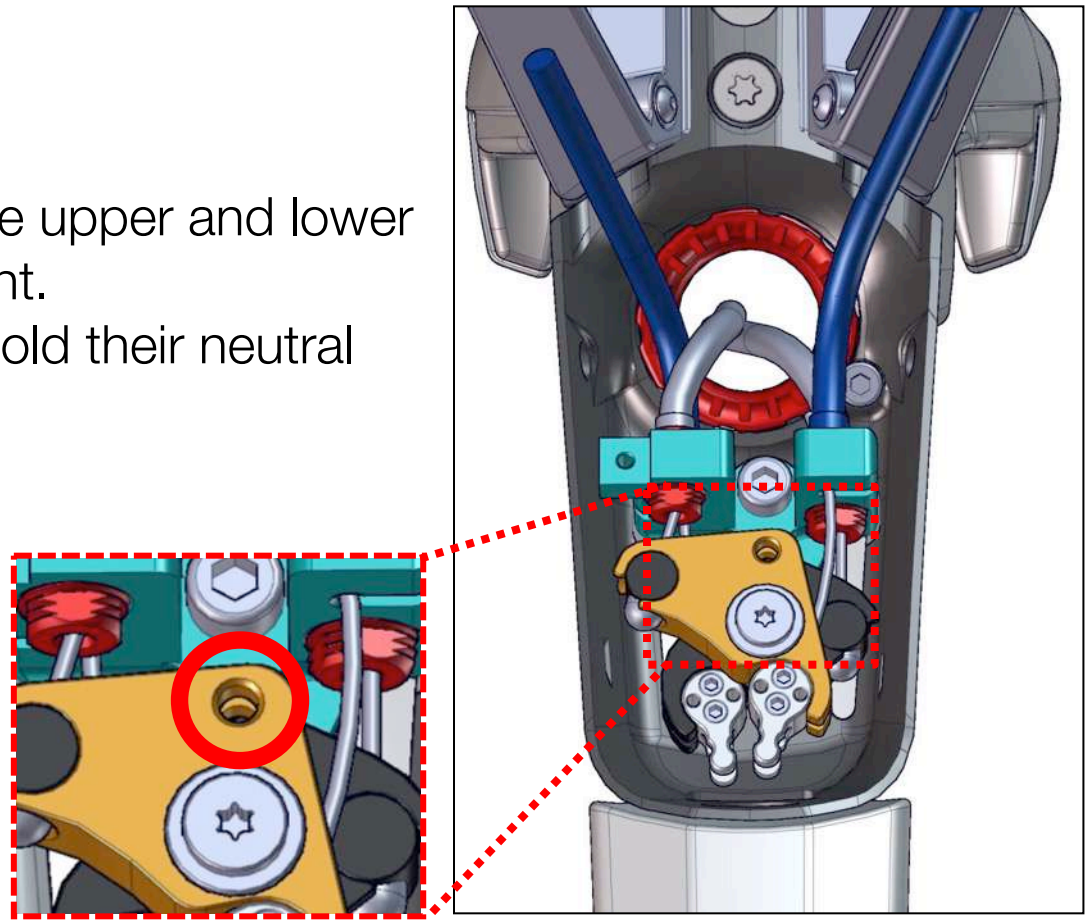
Brake Caliper Setup

6. Set the Brake Booster to ‘zero’ by aligning the upper and lower arms such that there is a visible hole alignment.
   Insert a 3mm allen key through the holes to hold their neutral position (as seen in subset image)



Step 6

7. Begin brake caliper setup

Right hand front brake assembly AUS / NZL / GB ect. see page 50/51

Right hand front brake assembly

Routing the front break on the right side of the TM01 is possible.

The following pages demonstrate how to change the brake cable routing to assemble the front brake for right-handed shifting.

In green the standard routing from the brake booster to the brake caliper.
In blue the new routing.

The differences in the cable routing exist **only** between the brake lever and the brake booster (**in blue**).

The rest of the cable routing (**in green**) between the brake lever and the brake caliper, **needs no modification**.

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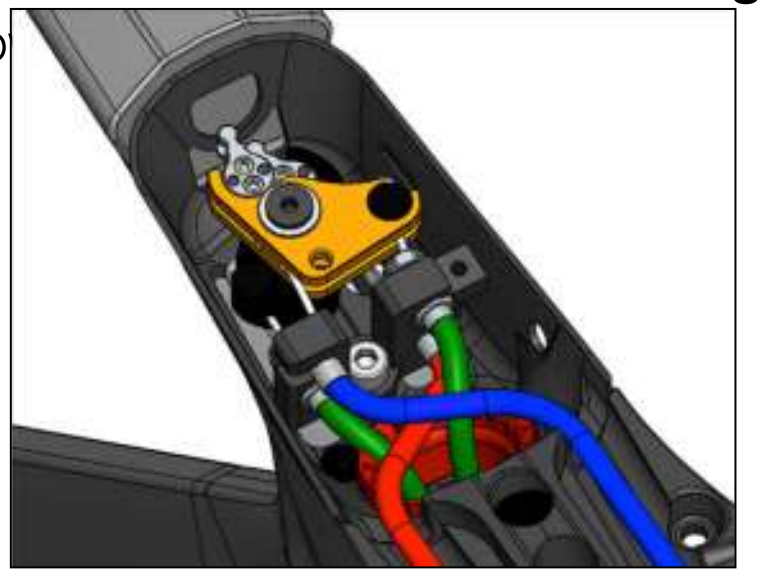
Right-hand front brake assembly

Housing length: The cables housings have to be cut at the **correct lengths (see page 36)**.

Cables routing: The cables can be **routed in the brake booster like on the standard assembly (see page 39-57)**. Temporary removing the brake booster mechanism from the converter box will provide more space to work.

Pay attention to **cross the housing correctly**, the correct paths of the housing is shown belo



The distance from end of casing to brake stoppers have to be **32mm (see page 46)**.

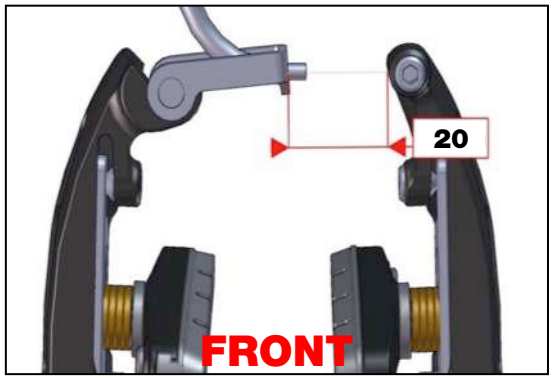
Reinstall the brake booster in the converter box.

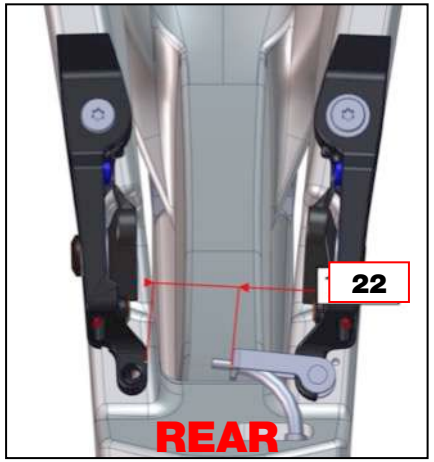
The **correct routing** of the housing in converter box:
Red front brake / Blue rear brake
Green standard assembly

Brake Caliper Setup

8. With Brake Calipers installed, set the caliper to a pre-defined spacing, as follows:

Front	Rear
20mm	22mm

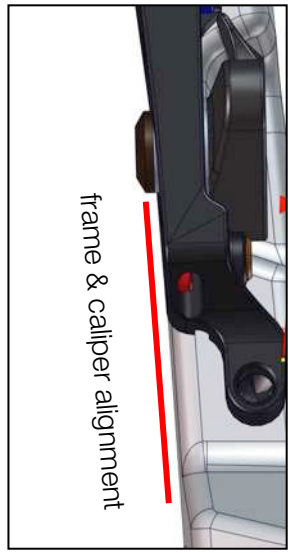




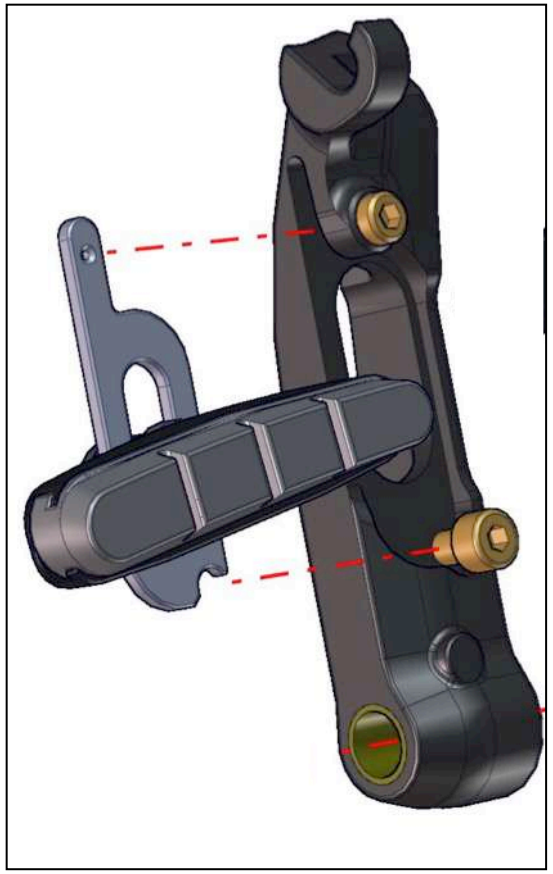
Step 8

One objective of this step is to align the brake caliper and frame, as seen in the image – small adjustments of provided measurements might be necessary.

(Following this guideline will help ensure the Front Caliper Cover does not interfere with the caliper function.)



Quick Pad – What is it?



The Quick Pad feature (patent pending) is an easily removable brake pad cartridge system available only on Timemachine 01.

Function

1. Increased adaptability

   Why: allows multiple wheelsets to have pre-assembled brake pad components, regardless of rim width or brake track height

2. Decrease service complexity

   Why: by providing each bike with 2 pair of Quick Pad cartridges, riders can set up properly spaced cartridges for 2 wheelsets (racing & training) with minimal effort

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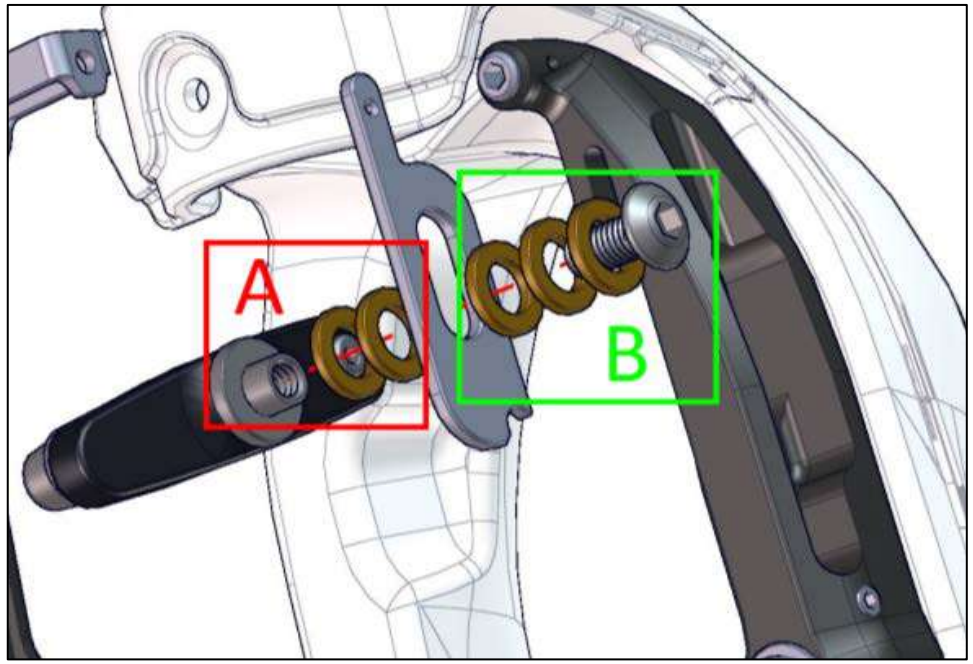
Brake Housing & Cable Installation

Quick-Pad assembly guideline

Rim Width	Brake	Brakeset washer assembly Inboard (A)	Outboard (B)	Pad nut
28mm	F	1	5	12mm
	R	0*	5	10mm**
26mm	F	2	4	12mm
	R	0	5	10mm**
24mm	F	3	3	12mm
	R	1	4	10mm**
22mm	F	4	2	12mm
	R	2	3	10mm**
20mm	F	5	1	12mm
	R	3	2	10mm
18mm	F	6	0	12mm
	R	4	1	10mm



* Use narrow brake pads (ZIPP Tangente Platinum Pro Evo, SwissStop Flash EVO Black Prince)

** Depending on small chainring size, it might be needed to install the 7.5mm nut and remove some washers from the outboard side to avoid collision

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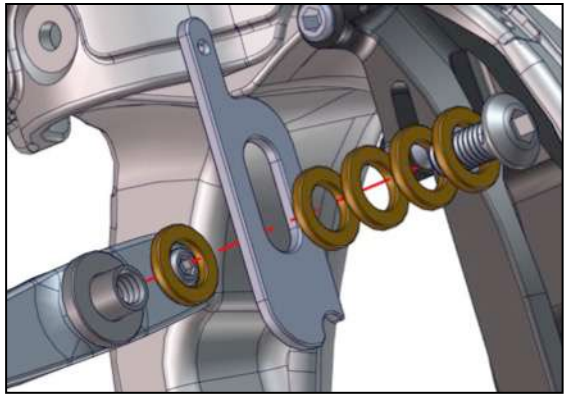
Brake Housing & Cable Installation

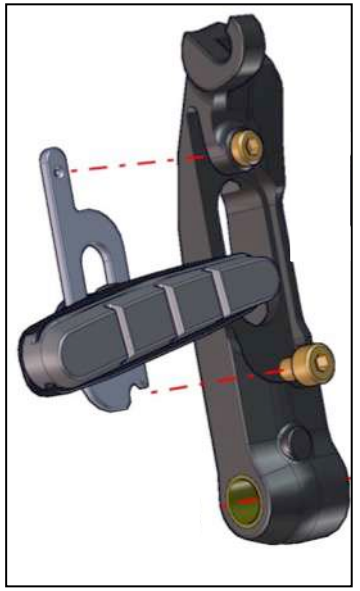
9. With the caliper arm spacing set up as described previously, arrange the spacers on the Quick Pad unit



Step 9

10. Mount the Quick Pad unit on to the Brake Caliper using the Quick Mount Fixing Bolts (upper & lower)

11. Adjust pads as usual and verify the proper amount of free stroke at the brake lever.



Step 10

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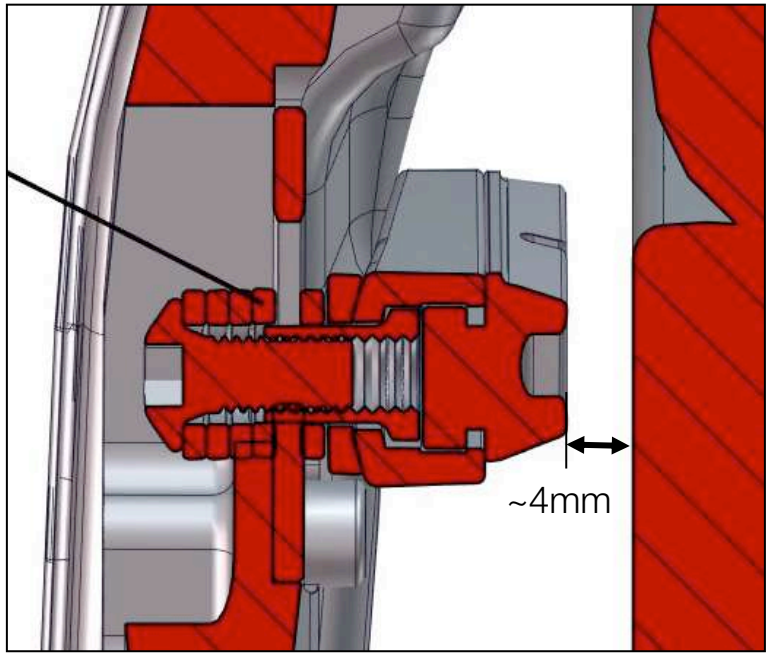
Brake Housing & Cable Installation

Repeat Steps 9 & 10 for alternate wheelset

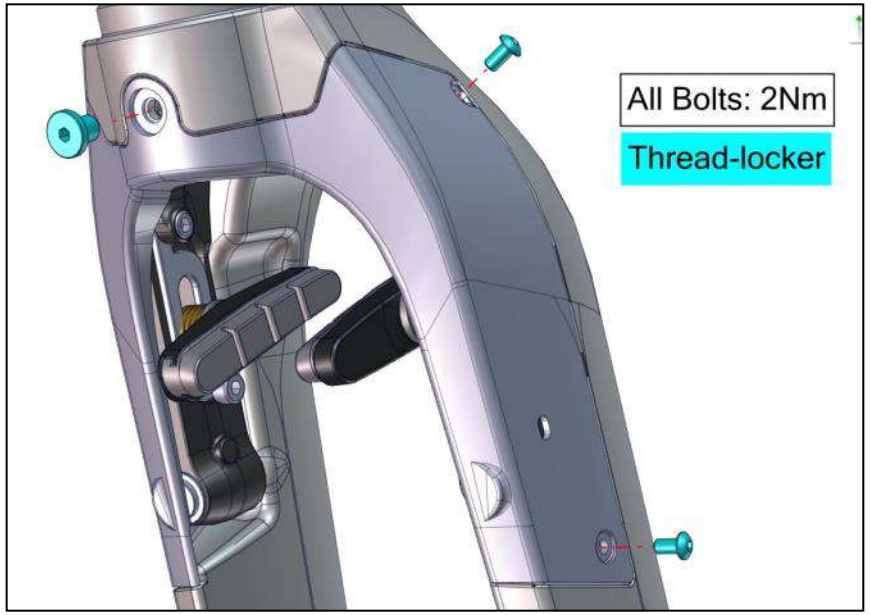
Note: always maintain the full number of spacers (x6 front / x5 rear) to ensure proper thread engagement of the cartridge – only the orientation of the spacers changes.



Note

Brake Housing & Cable Installation

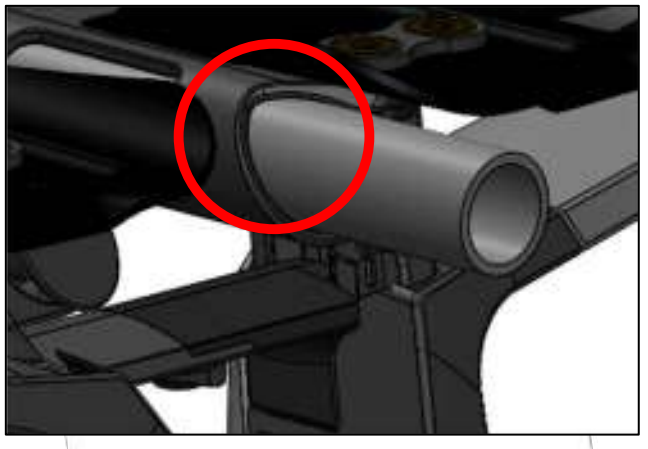
10. Install Brake Caliper Cover (front)



Step 10

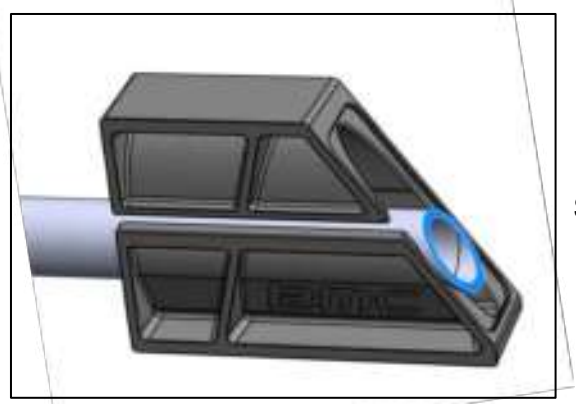
Finishing Assembly – V-Cockpit Extensions

1. Install uncut extensions in your chosen cockpit.
2. Determine your preferred position of extension.
3. Mark extension at rear edge of clamp, as seen in image right.



Step 3

4. Cut extension to proper length using the included cutting tool – cutting tool will ensure proper angled cut.

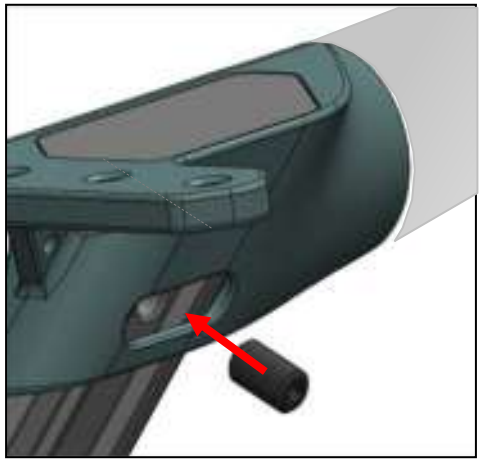


Step 4

Finishing Assembly – V-Cockpit Extensions

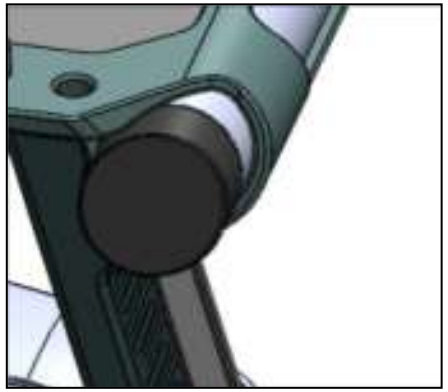
1. Install properly cut extension in to Extension Clamp

2. Tighten Extension Bolt to 4Nm



Step 2

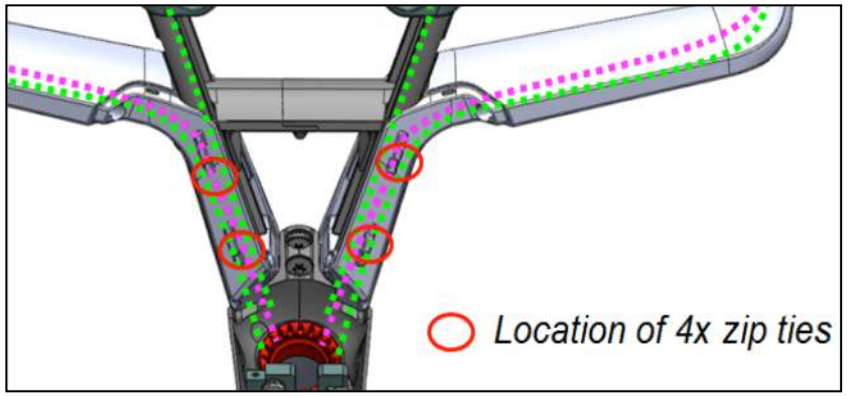
3. Install Extension End Caps (end caps have a slotted bottom for passing electronic wires)



Step 3

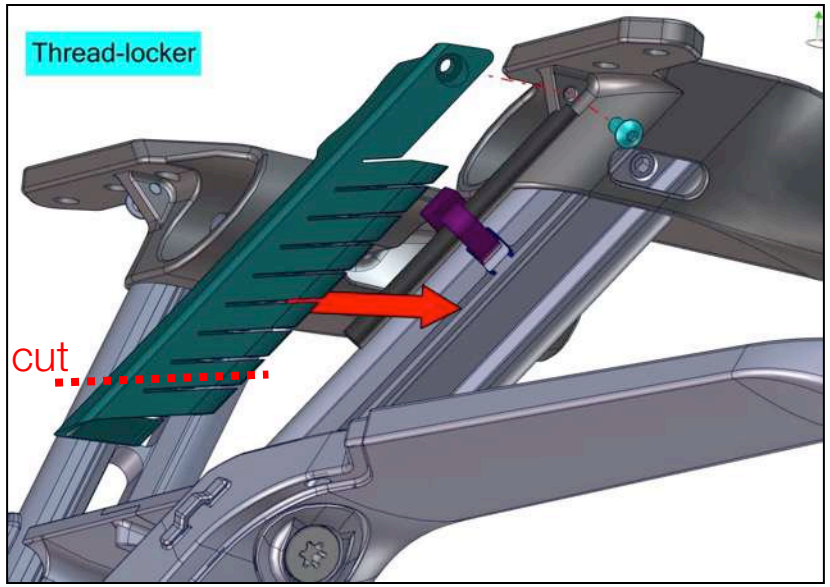
Finishing Assembly – V-Cockpit

4. Secure Di2 wires and brake housing with (x4) zip ties on to the vertical arms



Step 4

5. Cut Slider Covers to match the slider extension length
6. Fix Slider Covers with small M3 bolt

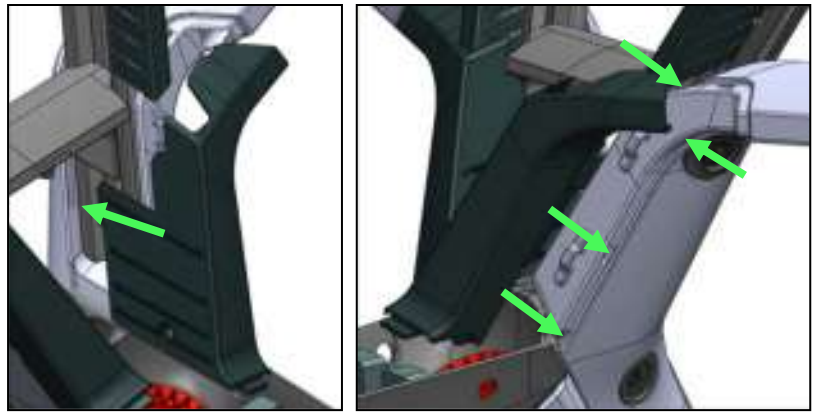


Steps 5 & 6

BMC SWITZERLAND

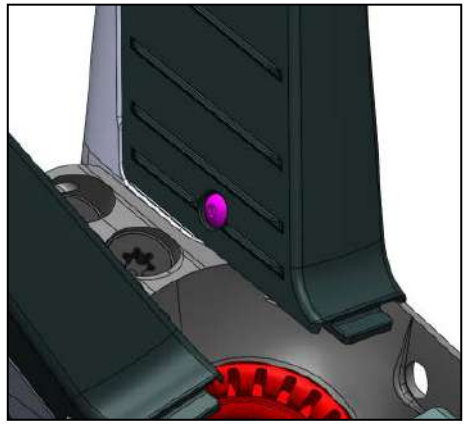
Finishing Assembly – V-Cockpit

6. Secure Lower Covers at (x5) mounting points – identified in image right



Step 6

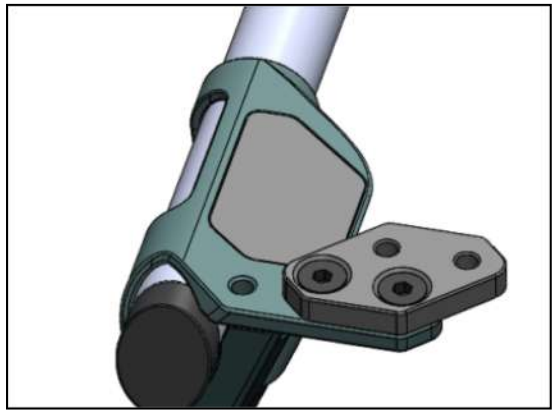
7. Secure Lower Covers using an M3 bolt



Step 7

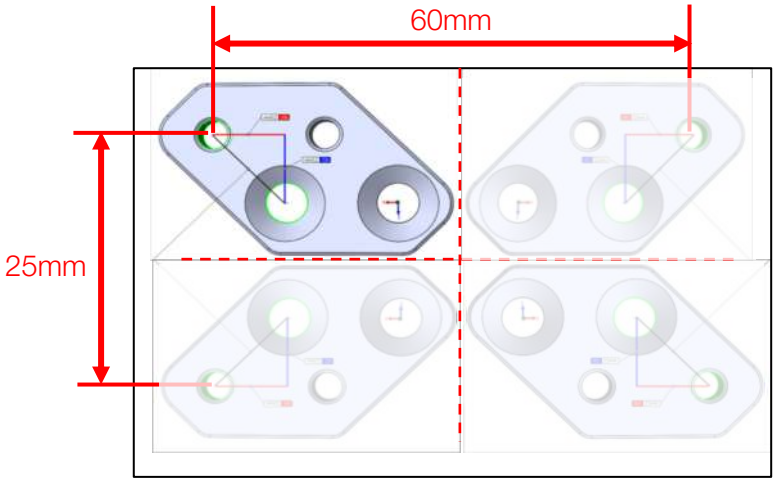
Finishing Assembly – V-Cockpit

8. Install optional Reach Plate as required for desired position



Step 6

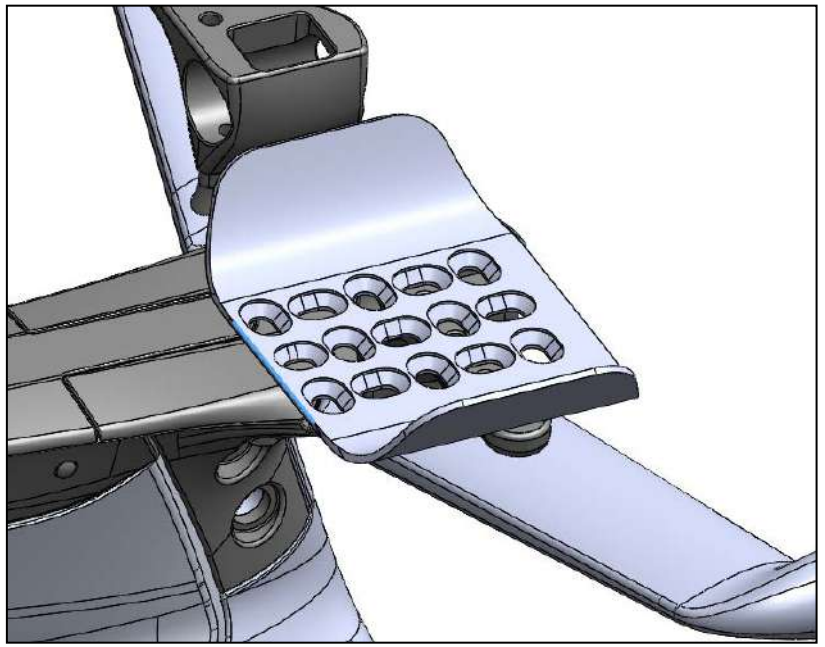
Note: The optional Reach Plate can be positioned in multiple configurations and also offers 7mm of vertical “stack” to complete ideal “pad stack & reach”



Note

Finishing Assembly – V-Cockpit

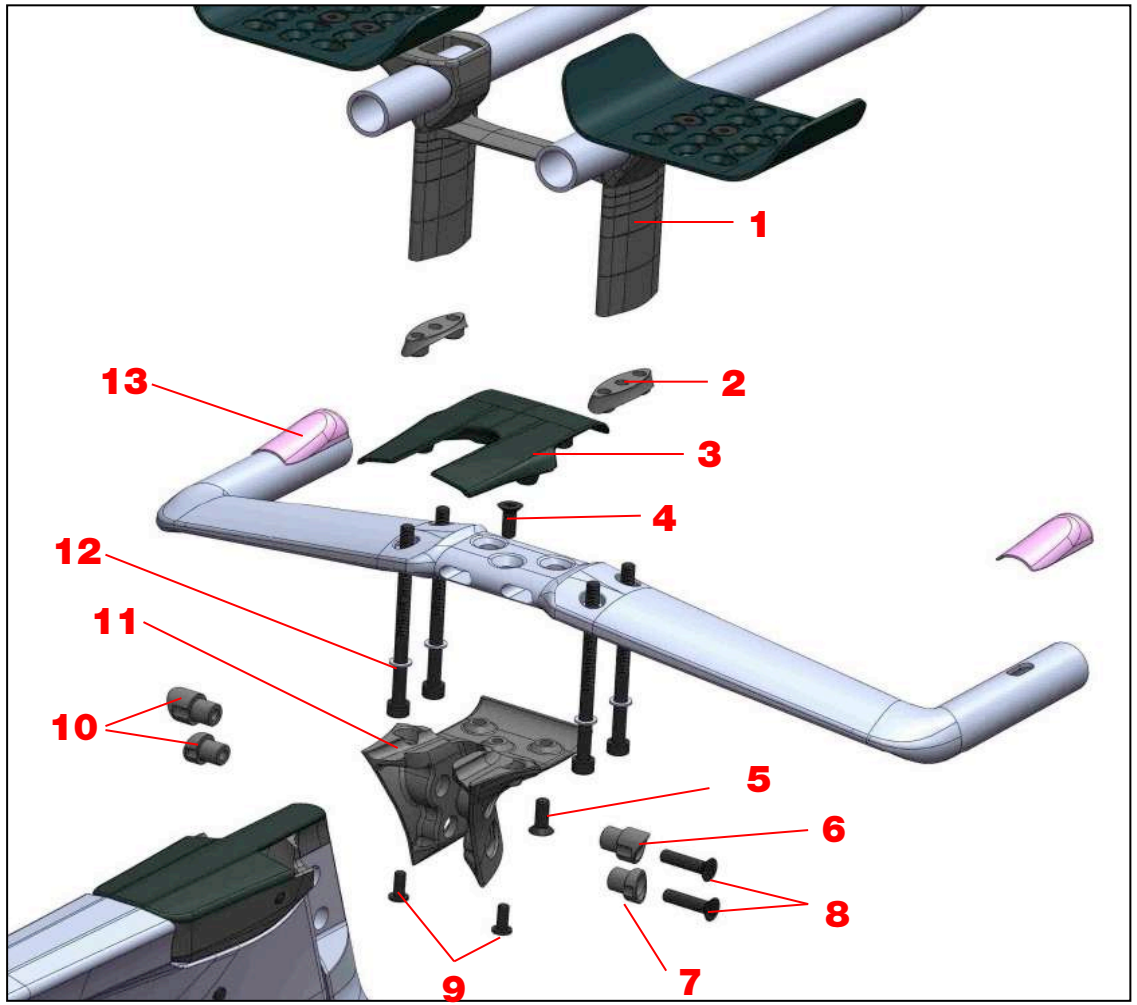
9. Install Armrests as required for proper Reach



Flat-Cockpit Assembly

BMC SWITZERLAND

Flat-Cockpit Components

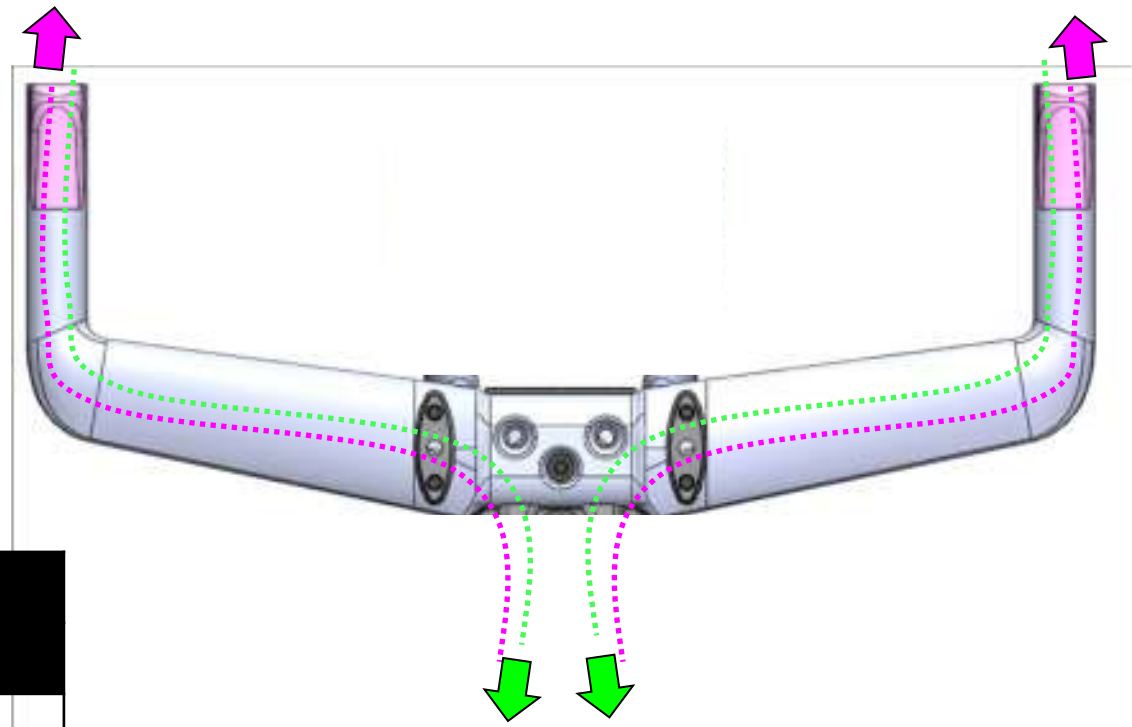


1	Stack spacers
2	Spacer interface
3	Flat-Cockpit cover
4	Central bolt
5	Cover front bolts (x2)
6	Upper nut
7	Lower nut
8	Lateral fixing bolts (x2)
9	Cover rear bolts
10	Upper and lower threaded nut
11	Flat bar base adapter
12	Bracket bolts and washers (x4)
13	Hand stopper (x2)

Flat-Cockpit Assembly – Base Bar

Prepare the Base Bar (R & L) by pre-mounting:

1. Di2 wires
2. Brake cable housing



Note: Failure to install Di2 wires before brake housing significantly increases difficulty of this process

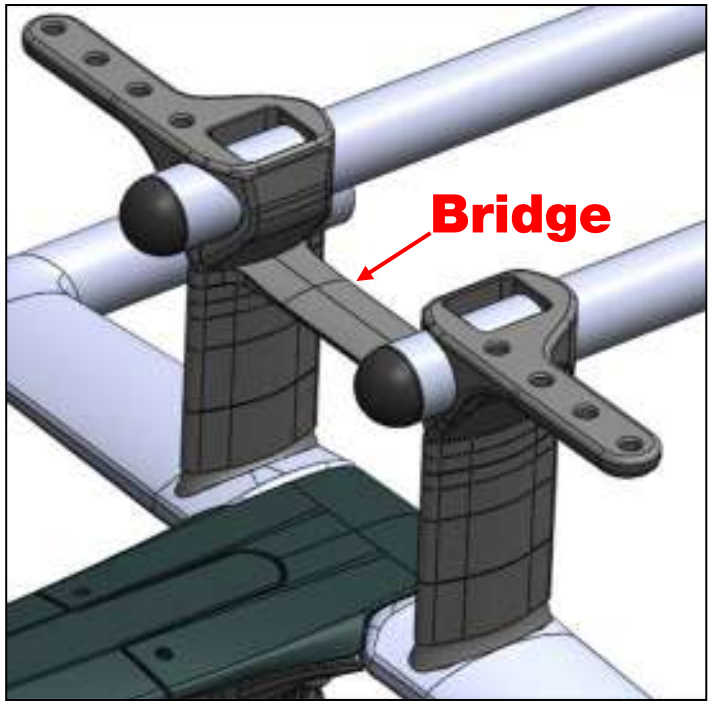
Pre-cutting the cable housings:

Orientation	Pre-cut length (mm)	
	Shimano	SRAM
EU: Rear Brake (R)	390	380
EU: Front Brake (L)	400	390
Right hand front brake assembly AUS / NZL / GB ect. (see page 50/51)		
Rear Brake (L)	410	400
Front Brake (R)	420	410

Finishing Assembly – Flat-Cockpit Extensions

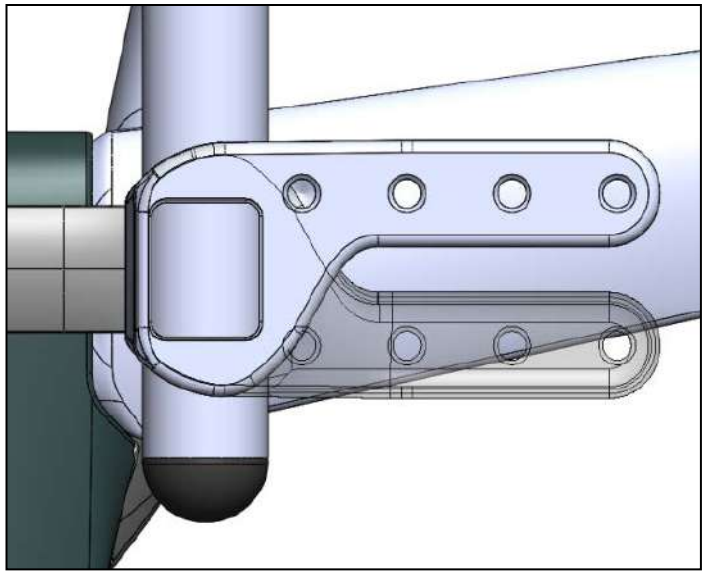
1. Determine necessary “pad stack” height and create required spacer and bolt length combination

Spacer Altitude (mm)	Bolt Length (mm)	Bridge Required?
70	**95**	**YES**
65	**90**	
60	**85**	
55	**80**	
50	**75**	
45	**70**	
40	65	NO
35	60	
30	55	
25	50	
20	45	
15	40	
10	35	
5	30	
0	25	



Finishing Assembly – Flat-Cockpit Extensions

1. Determine necessary “armpad reach” and place the adapter orientation to accommodate preferred position (by changing left and right side)



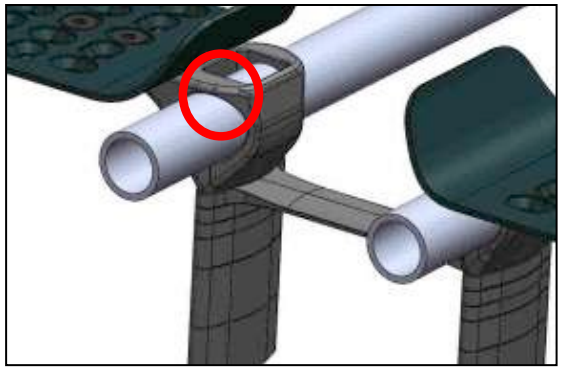
Step 1

Finishing Assembly – Flat-Cockpit Extensions

1. Install uncut extensions in your chosen cockpit

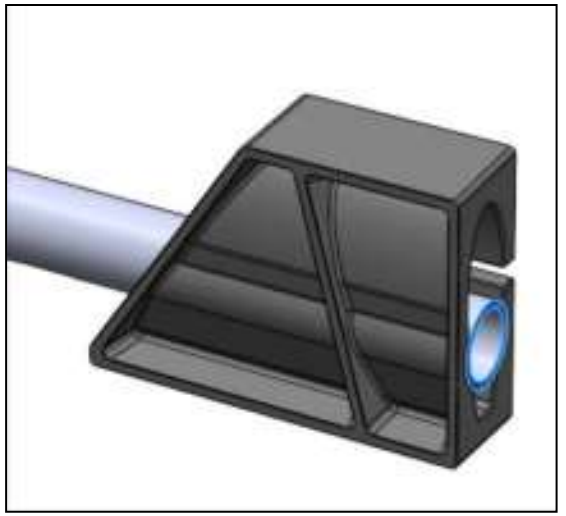
2. Determine your preferred position of extension

3. Mark extension at rear edge of clamp



Steps 1-3

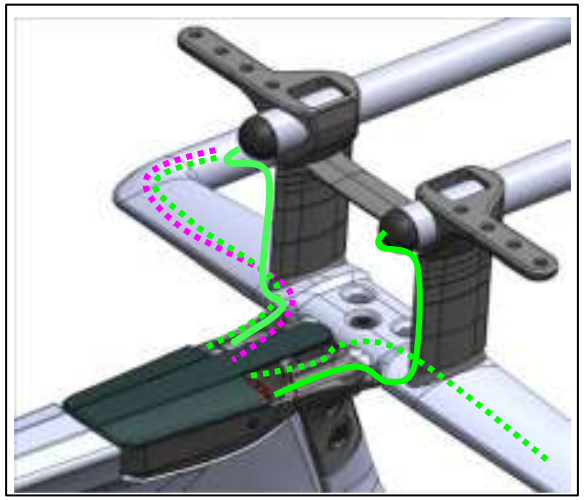
4. Cut extension to proper length using the included cutting tool – cutting tool will ensure proper square cut



Step 4

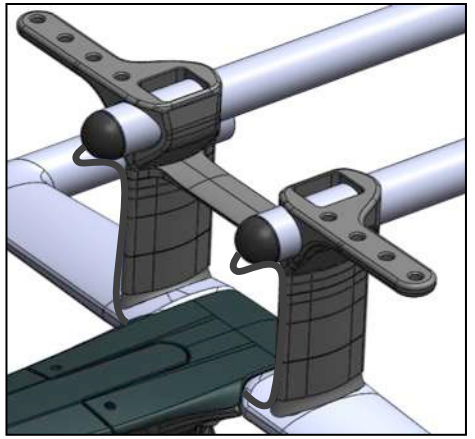
Finishing Assembly – Flat-Cockpit Di2

1. After cockpit is fully assembled arrange Di2 wires as seen in the image



Step 1

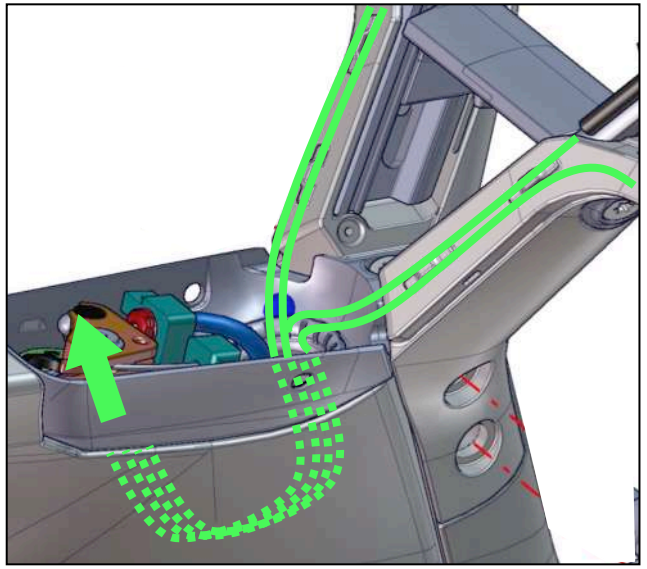
2. Install Flat Cover, making sure to prevent any unwanted pinching of electronic wires.



Step 2

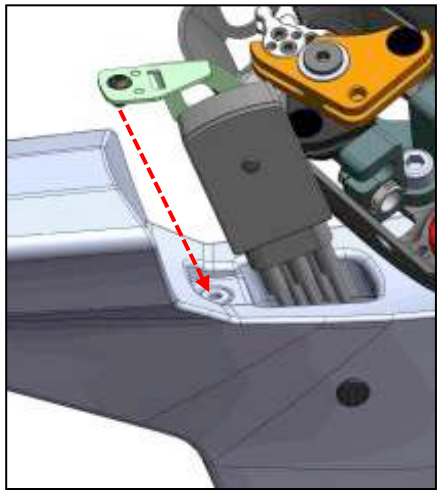
Finishing Assembly – Di2 Junction Box

1. Di2 wires will route from the cockpit through the Headset Bolt and enter the frame
2. Route the wires from the frame up through the Di2 port in the top tube (hidden under Brake Booster)



Step
1 & 2

3. Connect the shifting wires to the Junction Box
4. Mount the Junction Box to the Junction Box Mount
5. Install the Junction Box Mount to the frame



Steps
3 - 5

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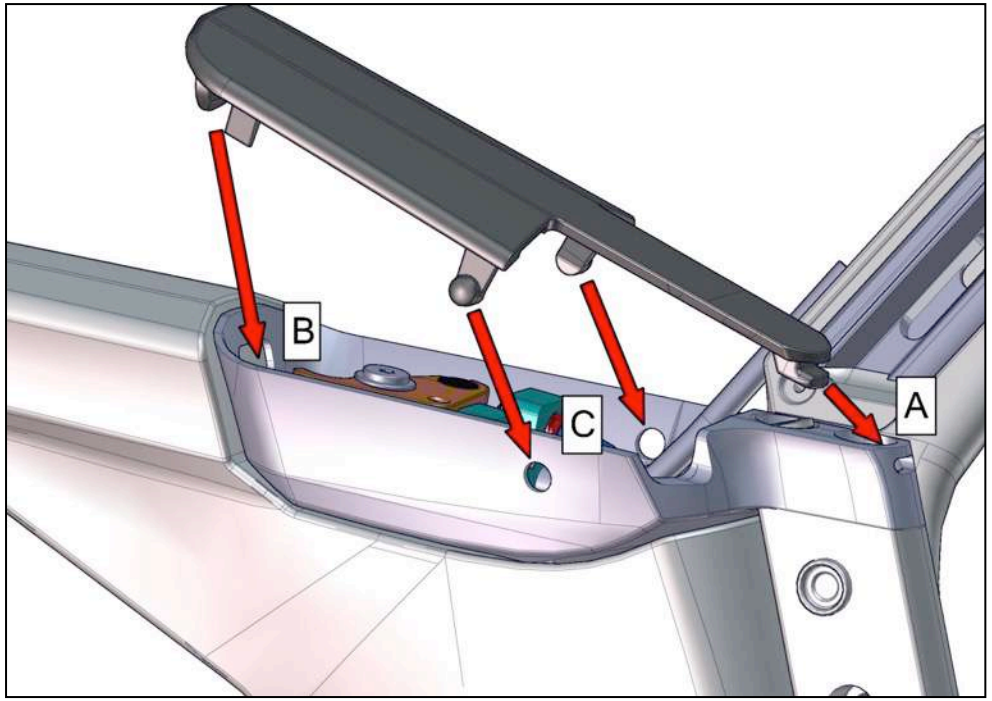
Finishing Assembly – Di2 Junction Box

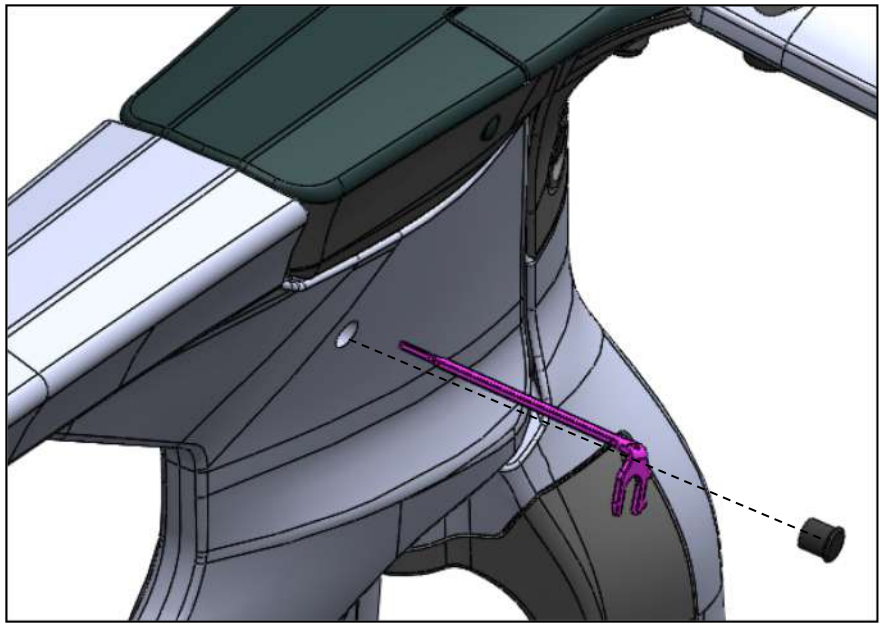
6. Mount the Brake Booster Box Cover by inserting Tab A, followed by the remaining tabs until cover is secure



Step 6

Finishing Assembly – Di2 Junction Box

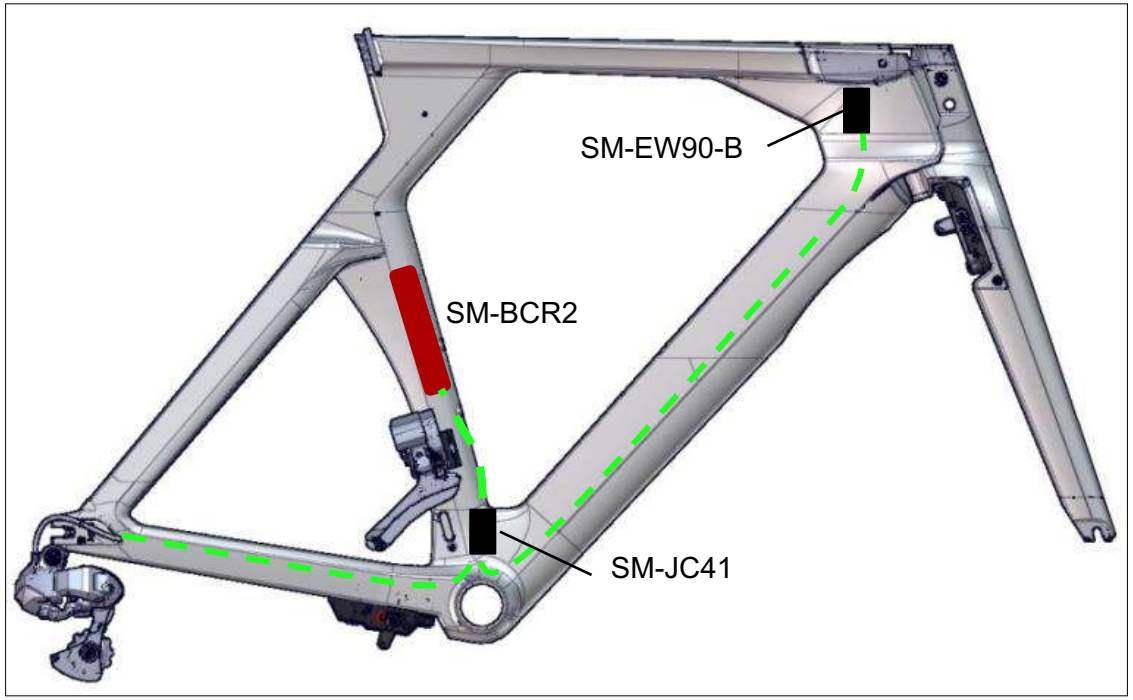
Note: The Di2 Junction Box is accessible through a frame port on the drive side of the box – the provided Multi-Tool can be used for shift adjustment purposes, as seen in figure.

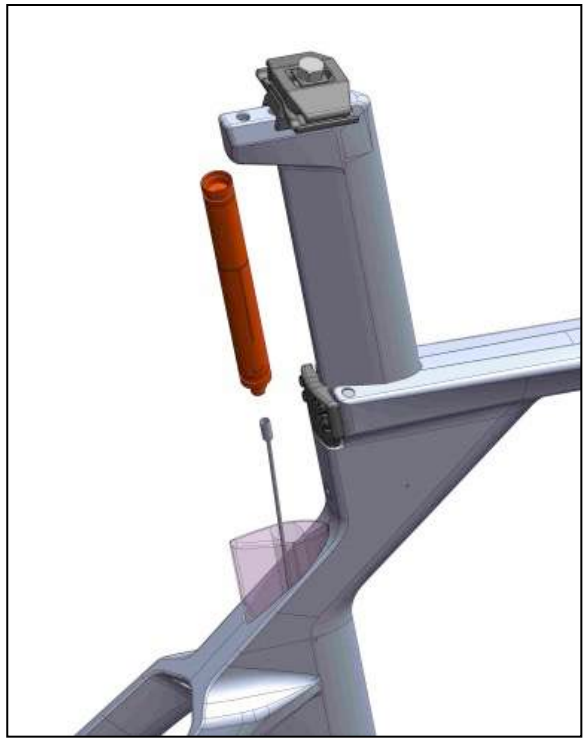


Note

Finishing Assembly – Di2 Junction & Battery

Note: The Di2 Battery is installed in the rear seatpost mounting location – properly sized foam will position the battery properly.

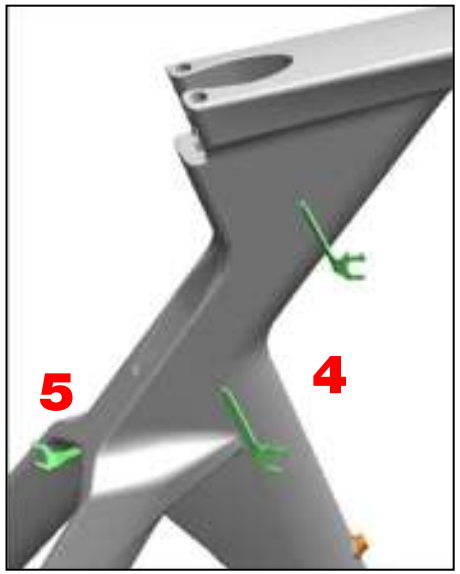


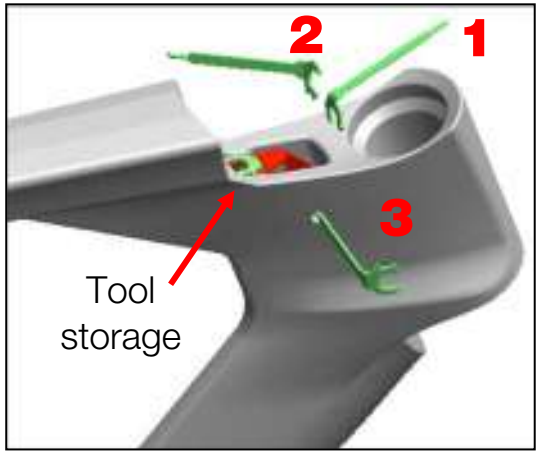


Finishing Assembly – Multi-Tool

1 Multi-Tool - 5 functions:

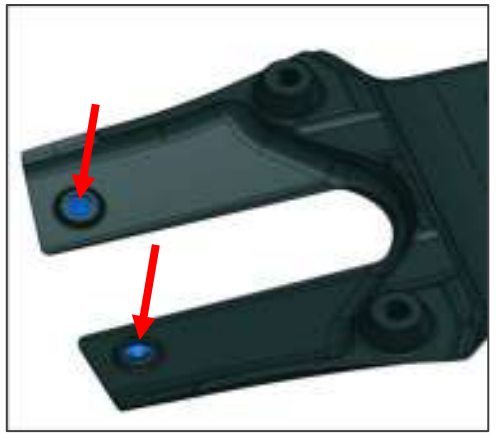
1. Adjust brake cable tension (pad wear)
2. Remove cable stoppers @ Booster Box (disassembling)
3. Push the Di2 junction button (adjustment)
4. Check SP insertion minimum
5. Remove rear Storage Box





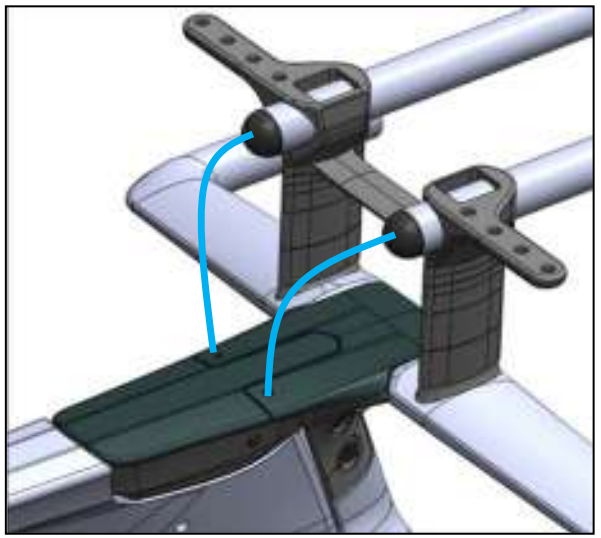
Finishing Assembly – Flat-Cockpit Mechanical

1. For mechanical shifting, the Flat Cover must be modified for cable and housing entry
2. Using the two pre-drilled indents (image), drill from the back side of the cover to create 5mm holes



Step 1 & 2

3. Install Flat Cover, making sure to prevent any unwanted pinching of electronic wires.
4. Install Flat Cover Rear Bolts to 5Nm
5. Install Flat Cover Front Bolts to 10Nm



Steps 3 - 5

Fit & Finish:
Seatpost / Extensions

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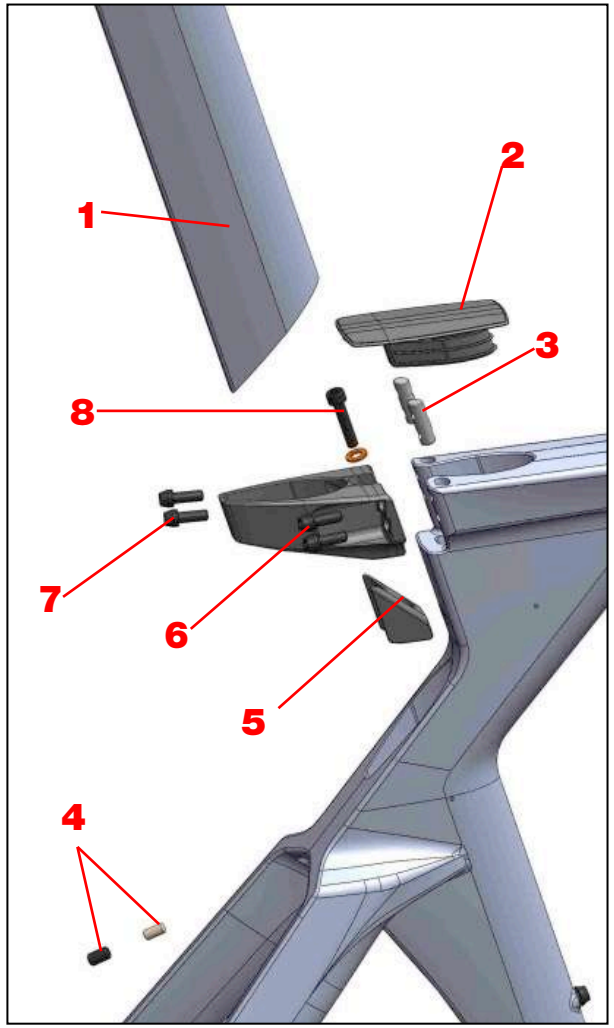
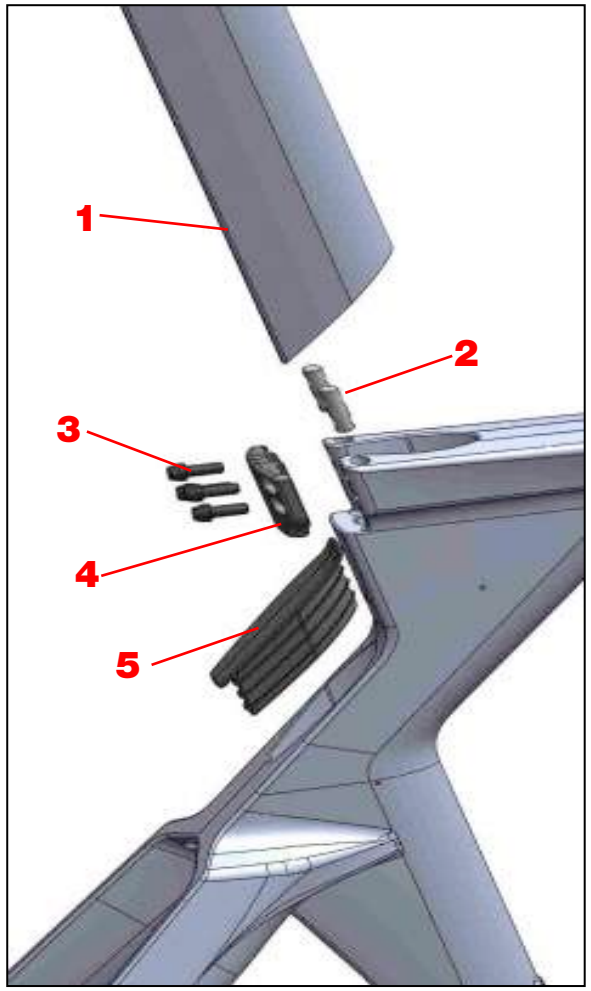
Finishing Assembly – Rear Mount Seatpost

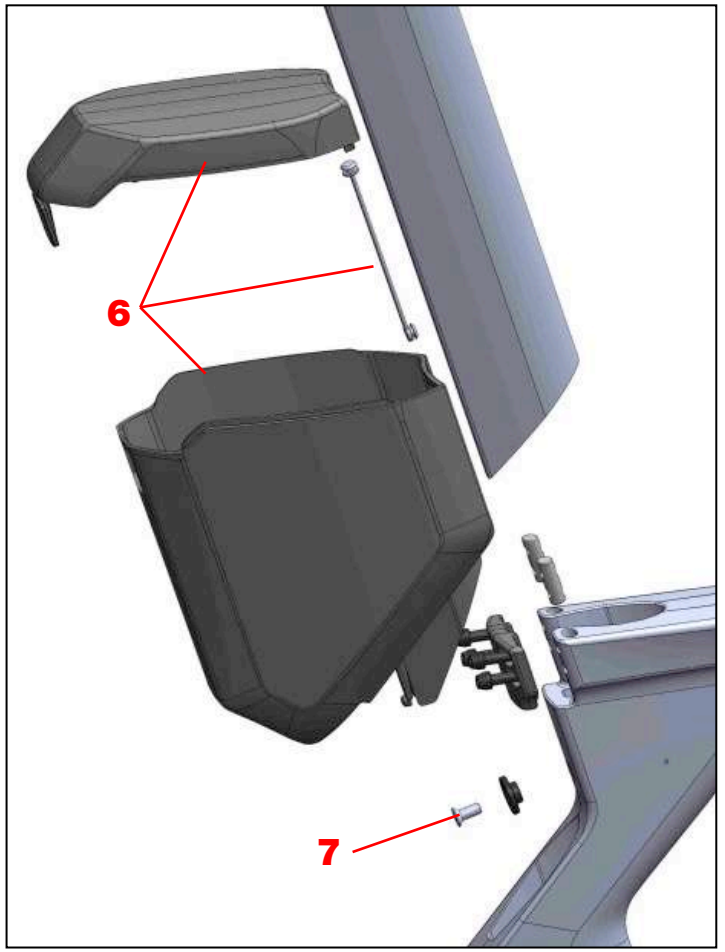


1	Seatpost
2	Front Cover
3	SP Clamp Cylinders (x2)
4	SP Play Killer & Bolt
5	SP Counterclamp
6	SP Clamp - Rear
7	SP Clamp Bolts (x4)
8	SP Counterclamp Bolt & Washer

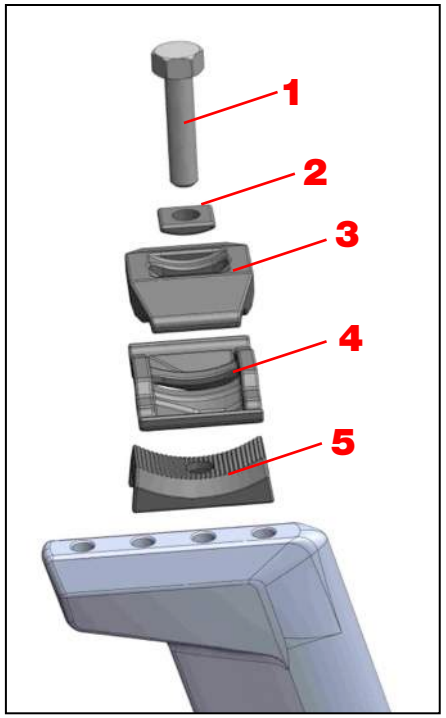
Finishing Assembly – Seatpost



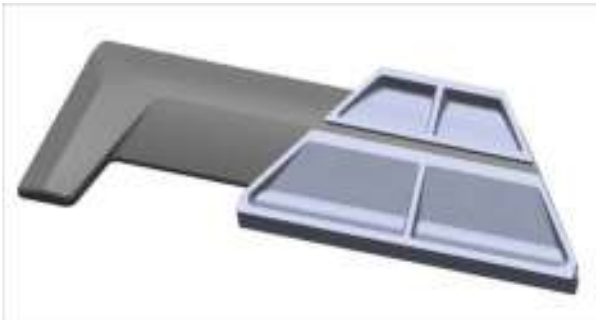
1	Seatpost
2	SP Clamp Cylinders (x2)
3	SP Clamp Bolts (x4)
4	SP Clamp - Front
5	SP Cover - Rear
6	Storage Box
7	Storage Box Fixing Bolt & Knob



Finishing Assembly – Seatpost



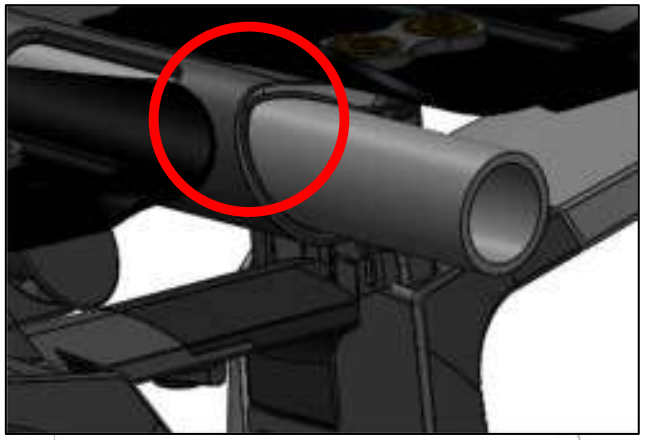
1	Main bolt
2	Washer
3	Top Clamp
4	Bottom Clamp
5	Support



Cutting tool

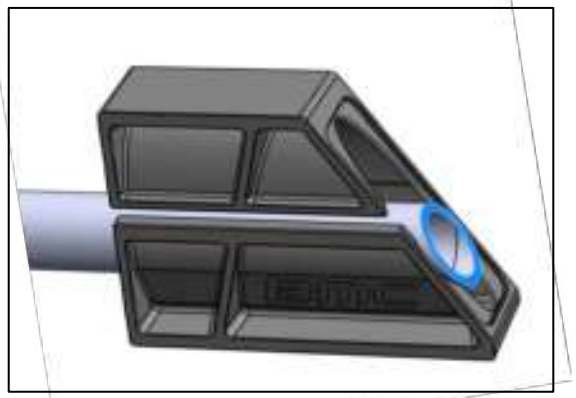
Finishing Assembly – V-Cockpit Extensions

1. Install uncut extensions in your chosen cockpit.
2. Determine your preferred position of extension.
3. Mark extension at rear edge of clamp, as seen in image right.



Step 3

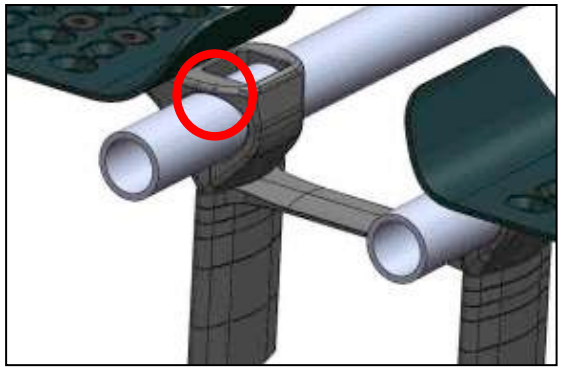
4. Cut extension to proper length using the included cutting tool – cutting tool will ensure proper angled cut.



Step 4

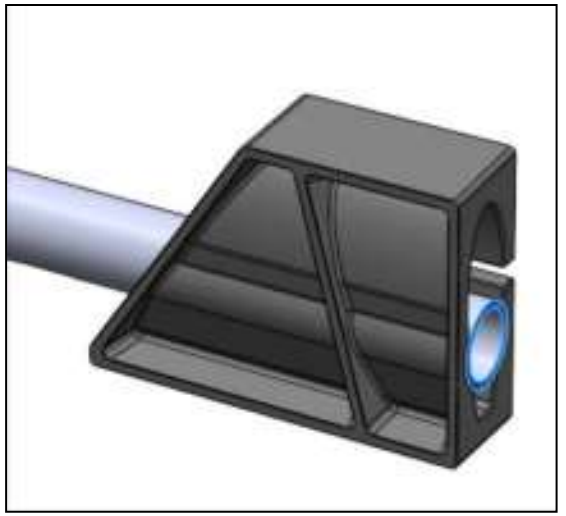
Finishing Assembly – Flat-Cockpit Extensions

1. Install uncut extensions in your chosen cockpit.
2. Determine your preferred position of extension.
3. Mark extension at rear edge of clamp



Steps 1-3

4. Cut extension to proper length using the included cutting tool – cutting tool will ensure proper square cut



Step 4

Adjustable Dropouts
&
Derailleur Hanger

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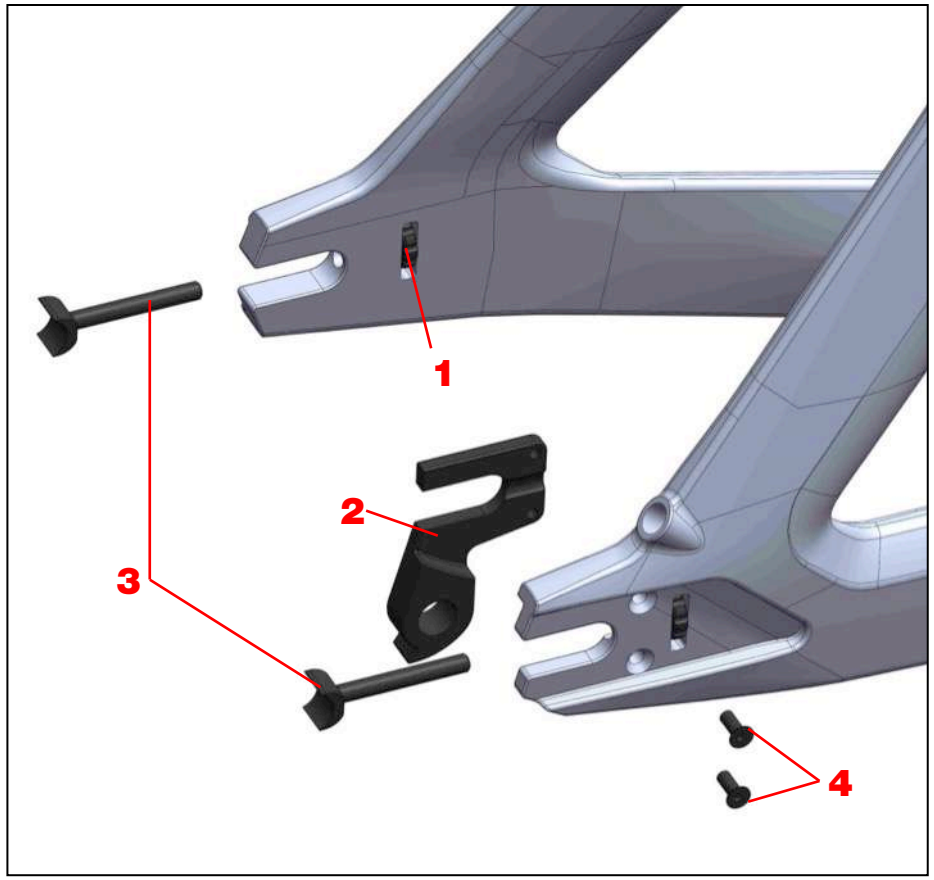
Finishing Assembly – Adjustable Dropout & Hanger



1	Dropout Dial
2	Derailleur hanger
3	Sliding Dropout Adjuster
4	Derailleur Hanger Bolts

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Finishing Assembly – Adjustable Dropout & Hanger

The adjustable, full-carbon horizontal dropouts allow 10mm of fore-aft adjustment, allowing riders to place the rear tire in close proximity to the frame, depending on preferred tire size (maximum 27mm).

BMC Timemachine Resources

Website
www.bmc-switzerland.com/timemachine

Assembly manuals
www.bmc-switzerland.com/timemachine/manual

Sales App
salesapp.bmc-switzerland.com

b2b Sizing Tool
https://b2b.bmc-switzerland.com/tools/timemachine-sizing

Retailer-friendly packaging

1. Seatpost
2. Owner's manual
3. Extension
4. Standard bicycle accessories for safe riding
5. Extension
6. Some stuff needed for triathlon
7. Some other stuff needed…..

Retailer-friendly packaging

1. Remove all small parts and bike
2. Remove all packaging
3. Install seatpost
4. Install wheels
5. Install extensions (p. 36 & 57 Timemachine Assembly Manual)
6. Wrap handlebars and extensions
7. Verify proper brake and shifting function, adjust as needed
8. Safety (torque) check
9. Find a spot to highlight your new Timemachine!

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