

CALEDONIA-5 & CALEDONIA RETAILER ASSEMBLY MANUAL

cervélo

velo

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IMPORTANT INFORMATION

This manual is intended to assist Cervélo Retailers in the unique assembly requirements of the Caledonia-5 and Caledonia bicycles. The assembly of this bicycle requires specialized knowledge and specific tools. Failure to follow the supplied instructions and install only Cervélo specified parts, may result in incorrect and unsafe assembly, resulting in loss of control and serious injury to the rider.

This manual assumes that the retailer has the minimum required background and skill level required of all professional bicycle mechanics. See <http://www.probma.org/>

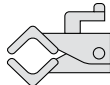

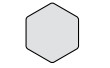




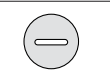
NOTE: Cervélo strongly recommends that all assembly and adjustment procedures be performed by an authorized Cervélo retailer. If you are a Cervélo Caledonia-5 or Caledonia consumer/purchaser reading this manual we suggest that before attempting to undertake any of the procedures in this manual that you consult your authorized Cervélo retailer, or visit us at www.cervelo.com/support









LIST OF TOOLS & SUPPLIES

This manual outlines a number of procedures for making adjustments to the Caledonia-5 and Caledonia bicycles. The following tools and parts listed are required for these adjustments. Cervélo strongly recommends that all assembly and adjustment procedures be performed by an authorized Cervélo retailer.

NOTE: All non-proprietary components such as those from Shimano or SRAM are available from your local distributor.

NOTE: This manual was developed to compliment the Cervélo General User Manual, and is intended as a supplement to the assembly and installation instructions supplied by the component manufacturers (provided with this bicycle).

Tools	
	Bicycle workstand (types which secure bike by the seatpost, or pro-type stand with fork mount)
	Torque wrench(es) with 2.5Nm to 15Nm range and adaptors:
	Allen (Hex) head inserts: 2mm, 2.5mm, 3mm, 4mm, 5mm, 6mm, 8mm, 10mm
	Open ended wrenches: 7mm, 8mm, 10mm, 17mm
	Cable cutters
	Pliers
	Phillips-head screwdriver
	Slot-head screwdriver

Tools	
	Pedal wrench
	Brake rotor lockring tools
	Hydraulic bleed kit
	Isopropyl alcohol
	Di2 wire tool – Shimano
	Good quality bicycle grease & carbon assembly compound
	Saw cutting guide (Park Tool SG-72 or equivalent)
	Hacksaw (with carbon and aluminum specific blades)

CALEDONIA-5 & CALEDONIA PARTS LIST

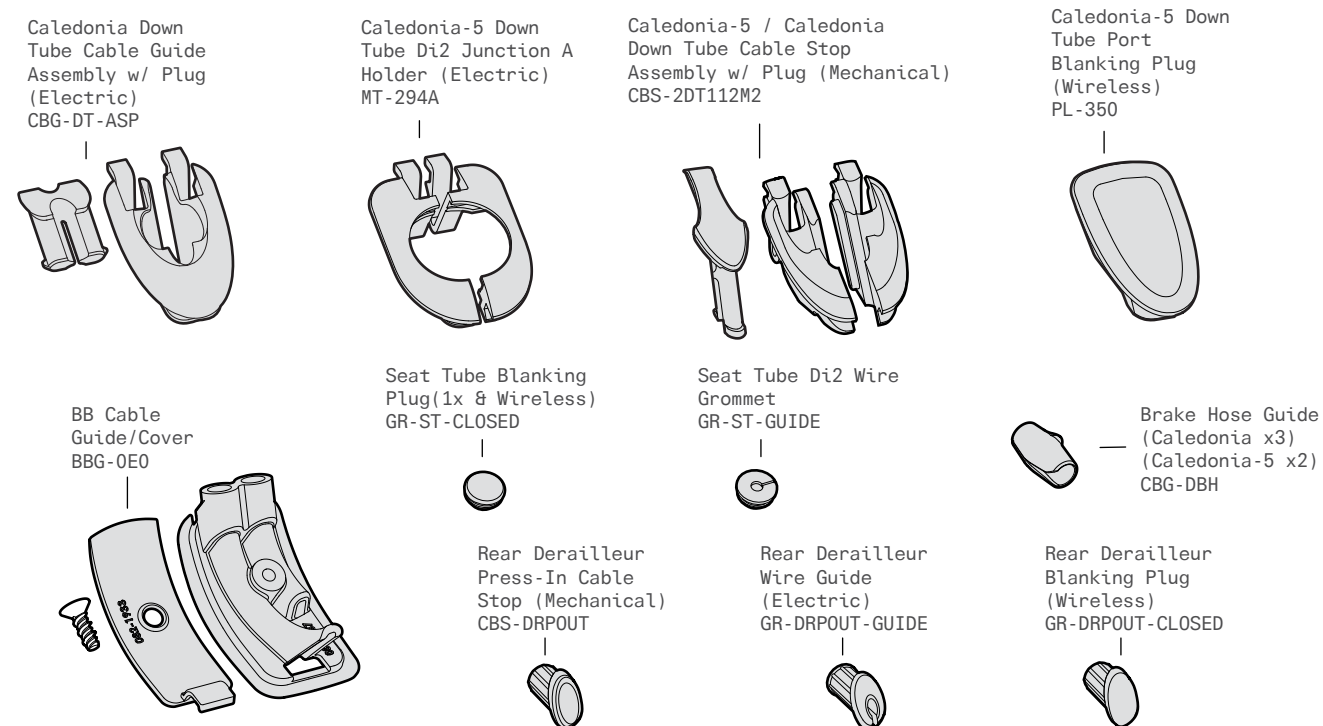
Item Description	Cervélo Part No.
BB Cable Guide/Cover	BBG-0E0
Rear Derailleur Hanger w/Fixing Nut	DRH-WMN112
Threaded Fork Insert w/Fixing Screw	QRI-THD
Seat Tube Blanking Plug(1x & Wireless)	GR-ST-CLOSED
Seat Tube Di2 Wire Grommet(Electronic)	GR-ST-GUIDE
Brake Hose Guide	CBG-DBH
FDM Blanking Plate	FDM-CVR
Front Derailleur Mount w/ Fixing Screws	FDM-0E0
Down Tube Port Blanking Plug	PL-350
Down Tube Di2 Junction A Holder	MT-294A
Down Tube Cable Guide Assembly w/ Plug (Electric)	CBG-DT-ASP

Item Description	Cervélo Part No.
Down Tube Cable Stop Assembly w/ Plug (Mechanical)	CBS-2DT112M2
Dropout Electric Wire Guide	GR-DROPOUT-GUIDE
SP18 Seatpost w/ Head 0mm	SP-SP18-ZERO
SP18 Seatpost w/ Head 25mm	SP-SP18-25MM
Seatpost Battery Mount	MT-BINT-SP2
Seatpost Clamp Cover	SPCC-314
Seatpost Clamp (Caledonia-5)	SPC-287A
Indexed Front Thru-Axle	QRA-LVR-F
Indexed Rear Thru-Axle	QRA-LVR-R
Cervélo Front Aero Thru-Axle	QRA-AERO-F
Cervélo Rear Aero Thru-Axle	QRA-AERO-R

Item Description	Cervélo Part No.
ST32 Stem Spacer Kit	SK-023
Rubber Plug for ST32 Top Cap	PL-338
CL005 Fork Insert	FKI-359
Accessory Mount Kit (Front)	MT-LM-F-004
Accessory Mount Kit (Rear)	MT-LM-R-003
Chainstay Guard	PRO-CS-ASP
Mudguard Mount Assembly Kit	MTA-302A
Dropout Cable Stop	CBS-DRPOUT
Dropout Blanking Plug Wireless	GR-DRPOUT-CLOSED
Seatpost Clamp (Caledonia)	SPC-SQ-R-2011-A

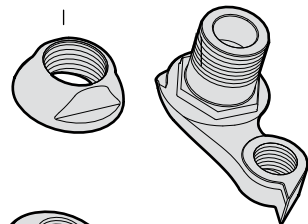
SMALL PARTS

Designed to accommodate electronic, mechanical and hydraulic controls, the Caledonia-5 and Caledonia frames are engineered to provide seamless integration of all shifting systems, regardless of method or brand. In order to do so, you may require the parts shown below:

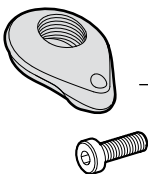


SMALL PARTS

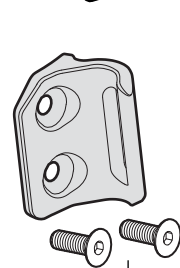
Rear Derailleur Hanger w/Fixing Nut
DRH-WMN112



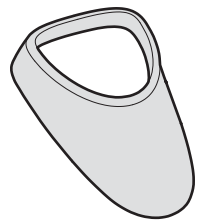
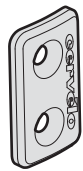
Threaded Fork Insert w/Fixing Screw
QRI-THD



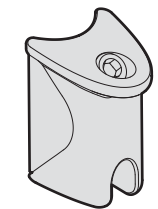
Front Derailleur Mount w/Fixing Screws
FDM-OE0



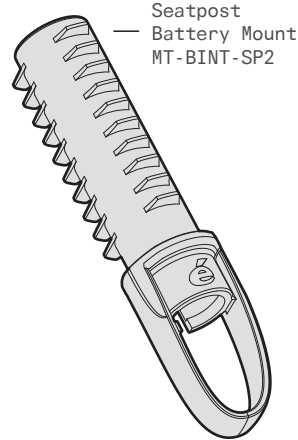
Front Derailleur Mount Blanking Plate (1x)
FDM-CVR



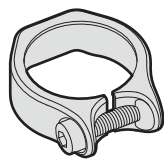
Seatpost Clamp Cover
SPC-314



Caledonia-5 Seatpost Clamp
SPC-287A

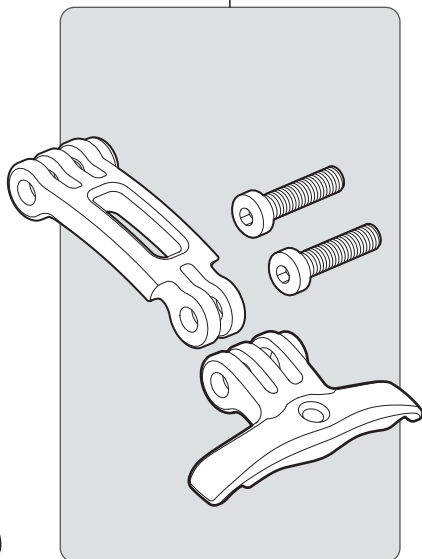


Seatpost Battery Mount
MT-BINT-SP2



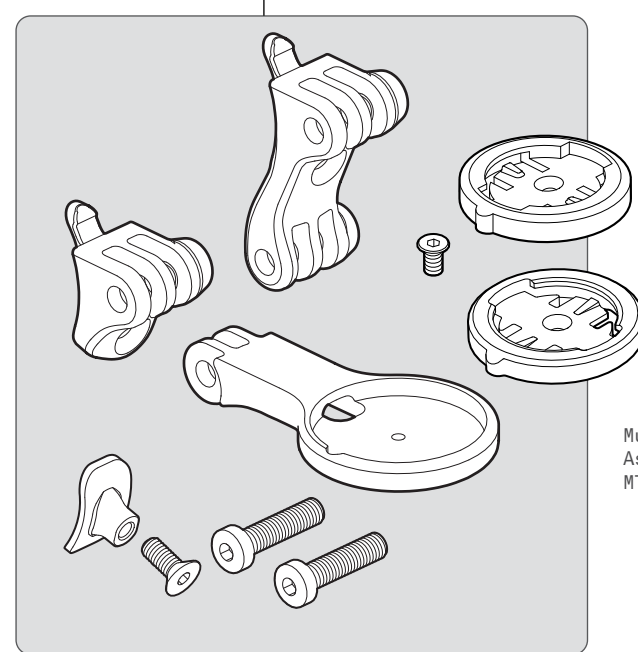
Caledonia Seatpost Clamp
SPC-SQ-R-2011-A

Accessory Mount Kit (Rear)
MT-LM-R-003

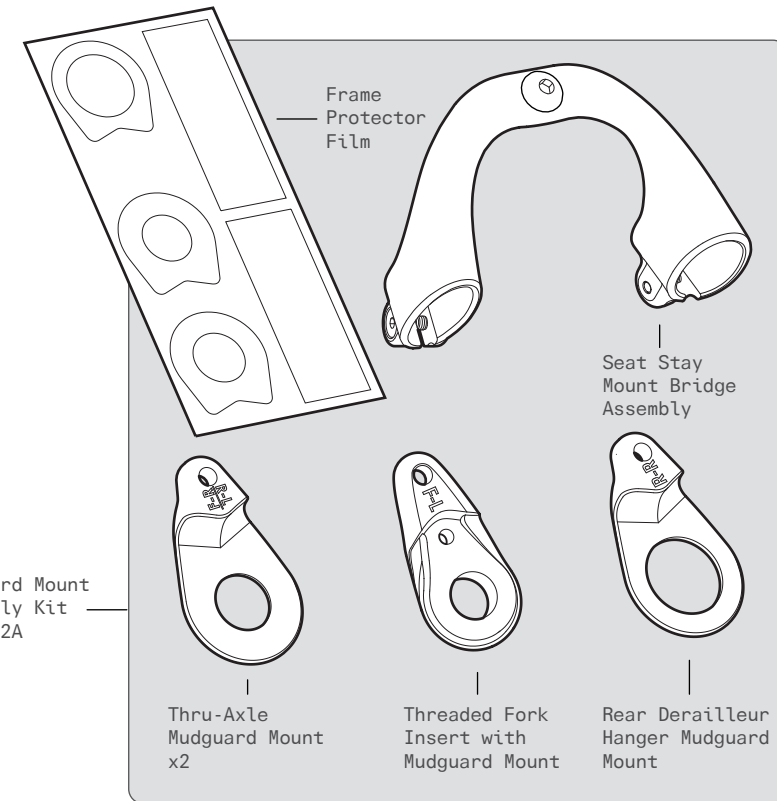


See pages 11 and 25 for mounting instructions.

Accessory Mount Kit (Front)
MT-LM-F-004



See page 11 for mounting instructions.



Mudguard Mount Assembly Kit
MTA-302A

Thru-Axle Mudguard Mount
x2

Threaded Fork Insert with
Mudguard Mount

Rear Derailleur Hanger Mudguard Mount

Frame Protector Film

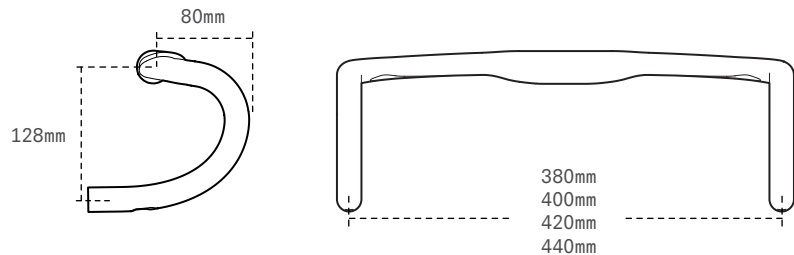
Seat Stay Mount Bridge Assembly

See page 32 for mounting instructions.

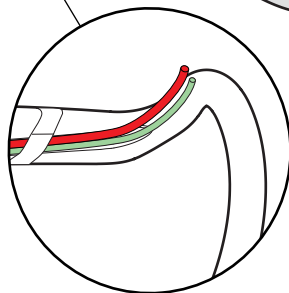
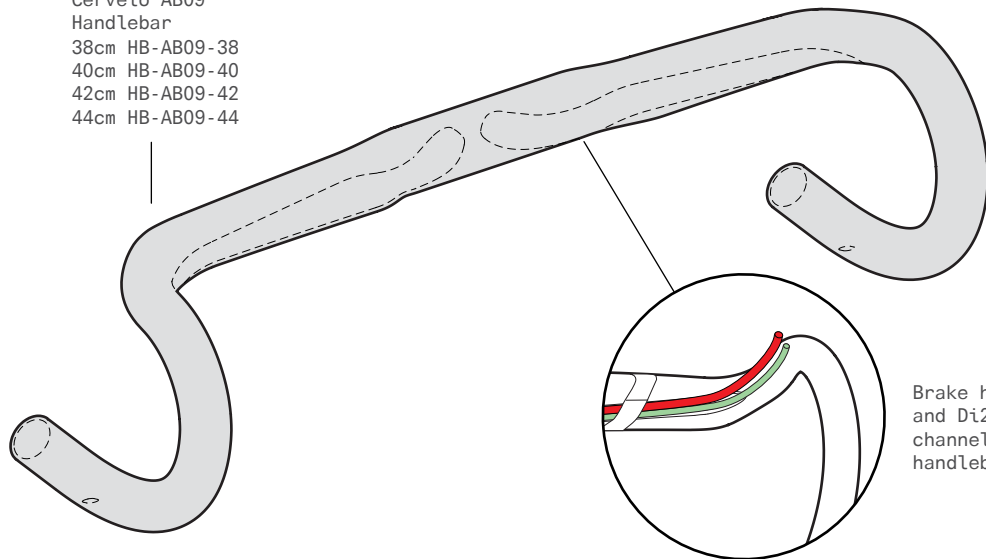
CALEDONIA-5 AB09 HANDLEBAR

⚠ WARNING

Only use the components specified in this manual for handlebar and stem assembly. Failure to use the specified parts and to follow the supplied assembly instructions may result in a loss of control while riding and serious injury.



Cervélo AB09
Handlebar
38cm HB-AB09-38
40cm HB-AB09-40
42cm HB-AB09-42
44cm HB-AB09-44



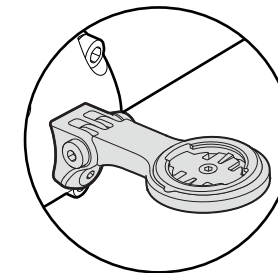
Brake hose, cable housing and Di2 E-Wire runs in channels on underside of handlebar.

CALEDONIA-5 ST31 & ST32 STEMS

Cervélo ST32 Stem (Aluminum)
70mm ST-A032-70
80mm ST-A032-80
90mm ST-A032-90
100mm ST-A032-100
110mm ST-A032-110
120mm ST-A032-120
130mm ST-A032-130

Rubber Plug for ST32
Top Cap PL-338
ST32 Stem Top Cap
Preload Fixing Screw M6 x 25

Cervélo ST31 Stem (Carbon)
80mm ST-C031-80
90mm ST-C031-90
100mm ST-C031-100
110mm ST-C031-110
120mm ST-C031-120
130mm ST-C031-130



ST31 and ST32 compatible Accessory Mount Kit (Front). See page 11 for assembly instructions.

Tighten fork steerer fixing screws to 5Nm.

⚠ WARNING

Only use the components specified in this manual for handlebar and stem assembly. Failure to use the specified parts and to follow the supplied assembly instructions may result in a loss of control while riding and serious injury.

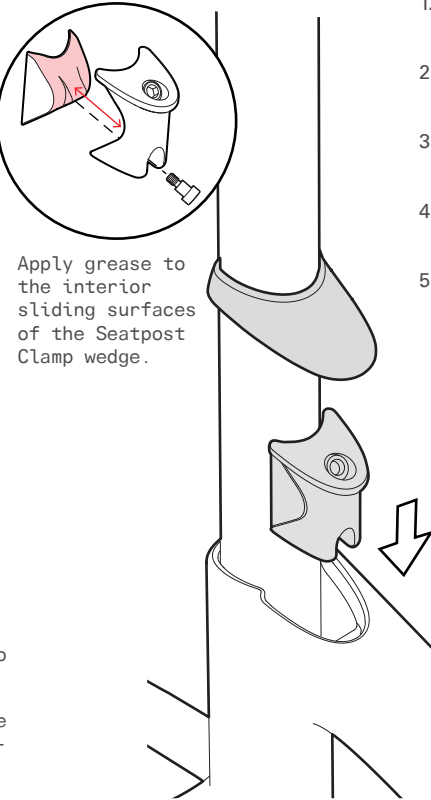
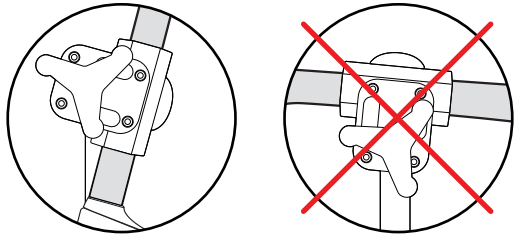
Tighten stem faceplate fixing screws to 6Nm.

ST32 stem can be flipped for additional stack.

ST31 stem can not be flipped for additional stack.

FRAME & COMPONENT PREPARATION

⚠ WARNING
Hold the frame using a secured seatpost only.
Clamping the top tube can damage the frame and void your warranty.



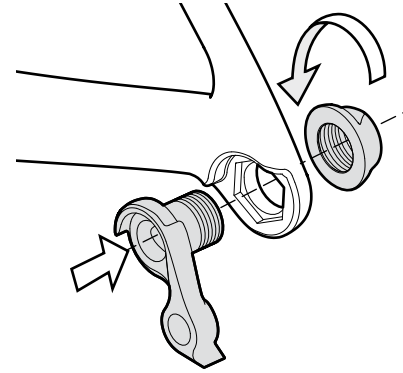
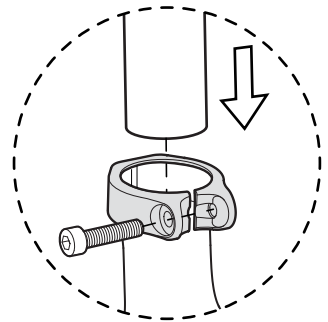
Apply grease to the interior sliding surfaces of the Seatpost Clamp wedge.

1. Slide the Seatpost Clamp Cover (SPCC-314) onto the seatpost.
2. Apply carbon paste to the frame and seatpost to be inserted into the frame.
3. Insert the seatpost and the Seatpost Clamp (SPC-287A) into the frame
4. Adjust height and torque the Seatpost Clamp to 8Nm maximum.
5. Slide down the Seat Clamp Cover to fit over the Seatpost Clamp.

⚠ WARNING
If trimming is required, final length should allow for a minimum of 70mm of seatpost remaining in the frame, or the minimum insertion dimension indicated on the seatpost, whichever is greater. Failure to meet this requirement, may result in damage to the frame not covered by warranty policy, or serious injury to rider.

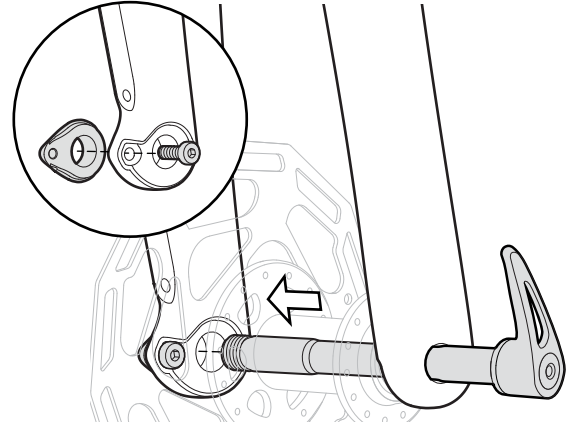
Note: For Caledonia seatpost installation:

1. Apply carbon paste to the frame and seatpost to be inserted into the frame.
2. Insert the seatpost into the frame.
3. Adjust height and torque the Seatpost Clamp (SPC-SQ-R-2011-A) to 6Nm maximum.

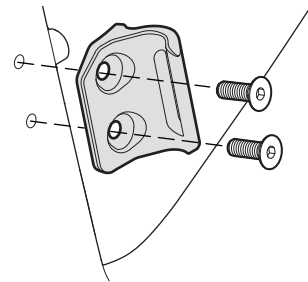


Lightly grease Rear Derailleur Hanger Fixing Nut and install Rear Derailleur Hanger (DRH-WMN112) finger tight. Final tightening will be done after rear wheel installation (page 28). If installing mudguards refer also to page 32.

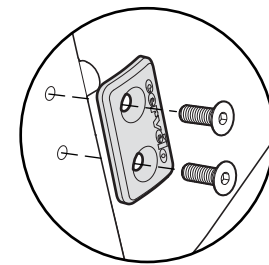
⚠ WARNING
Do not final tighten rear derailleur hanger assembly without rear wheel installed. Doing so will result in a misaligned derailleur and poor shifting.



1. Lightly grease supplied M4 fixing screw. Install the Threaded Fork Insert (QRI-THD) and fixing screw, tightening only lightly. If installing mudguards please refer also to page 32.
2. Without wheel in place, install the axle and tighten until the flange meets the fork dropout face, but does not compress the fork blades.
3. Tighten the fixing screw to 3Nm.
4. Remove the axle and install wheel. Reinstall axle and tighten to 12-15Nm.
5. Remove axle and wheel, and re-torque the fixing screw to 3Nm.

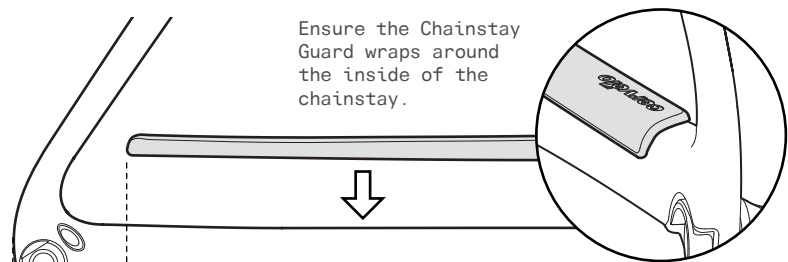


Secure the Front Derailleur Mount (FDM-0E0) into frame with two fixing screws. Tighten to 3Nm.



With 1x chainring setups, use the Blanking Plate (FDM-CVR).

FRAME & COMPONENT PREPARATION

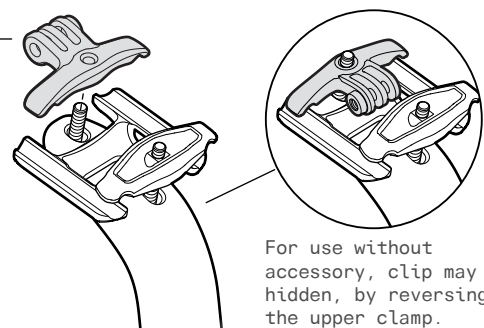


Ensure the Chainstay Guard wraps around the inside of the chainstay.

Clean the chainstay using isopropyl alcohol. Install the Chainstay Guard (PRO-CS-ASP) by removing adhesive backing, and fixing the guard to the frame. The bottom rearward edge should be approximately 50mm forward from the back of the rear dropout.

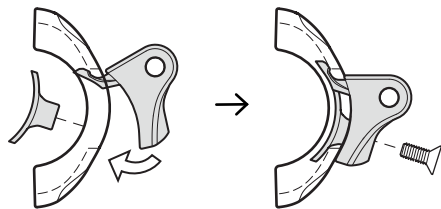
Accessory Mount Kit (Rear) Upper Clamp

To install Accessory Mount (Rear), replace the rear upper clamp of the seatpost with the kit version. Tighten to maximum 8Nm. See also page 25.



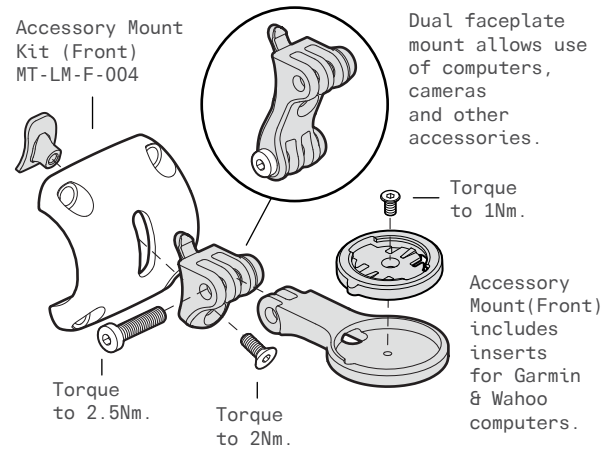
For use without accessory, clip may be hidden, by reversing the upper clamp.

To install Accessory Mount (Front), angle mount into ST31 or ST32 stem faceplate and torque to 2Nm.



Accessory Mount Kit (Front) MT-LM-F-004

Dual faceplate mount allows use of computers, cameras and other accessories.



Torque to 1Nm.

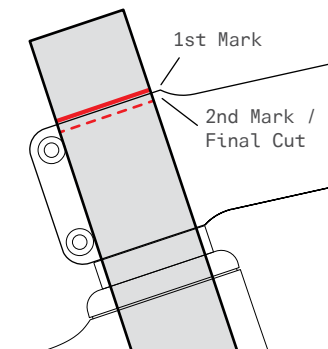
Accessory Mount (Front) includes inserts for Garmin & Wahoo computers.

Torque to 2.5Nm.

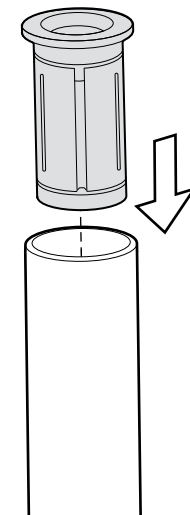
Torque to 2Nm.

CALEDONIA FORK PREPARATION & INSTALLATION

1. Apply grease to the bearing pockets and install the upper and lower headset bearings into the frame.
2. Fit the fork provided with your frame into the head tube with the complete headset, required spacers, and the stem.
3. Apply the minimum pressure needed to ensure the assembly is fully seated. Mark the steerer tube at the top of the stem.
4. Remove fork and clearly mark the fork steerer tube at a point 4mm below the first mark. Take care to verify that this measurement is correct as this defines the cut line for the steerer tube.
5. To trim fork steerer, use only a saw suitable for cutting carbon, and a cutting guide.
6. Insert Fork Preload Compression Plug and torque to 8Nm

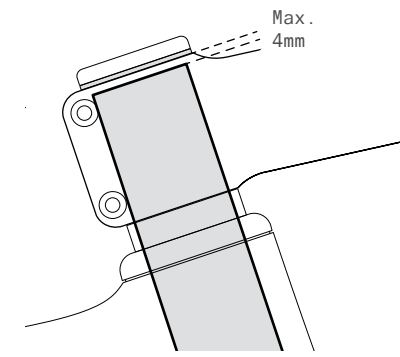


Install 1 1/8" Preload Compression Plug in fork steerer. Torque to 8Nm

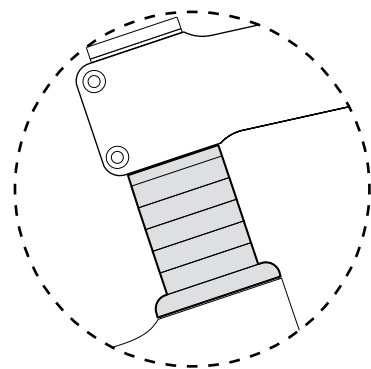


WARNING
Avoid breathing the dust created during cutting carbon composite materials.

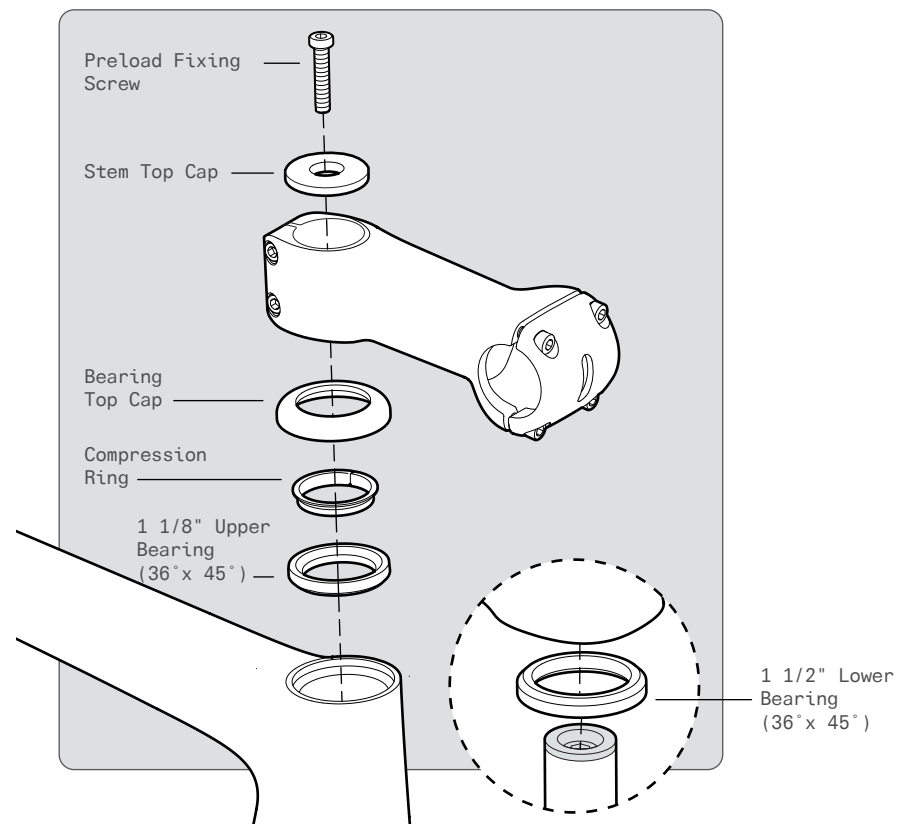
WARNING
Improper cutting of the steerer tube could cause a failure that may result in severe injury or death.



CALEDONIA FORK PREPARATION & INSTALLATION



⚠ WARNING
Do not exceed 62mm maximum total spacer height, including the bearing top cap.



CALEDONIA-5 FORK PREPARATION & INSTALLATION

1. Apply grease to the bearing pockets and install the upper and lower headset bearings into the frame.
2. Fit the fork provided with your frame into the head tube with the complete headset, required spacers, and the stem.
3. Apply the minimum pressure needed to ensure the assembly is fully seated. Mark the steerer tube at the top of the stem.
4. Remove fork and clearly mark the fork steerer tube at a point 4mm below the first mark. Take care to verify that this measurement is correct as this defines the cut line for the steerer tube.
5. To trim fork steerer, use only a saw suitable for cutting carbon, and a cutting guide.

⚠ WARNING
Avoid breathing the dust created during cutting carbon composite materials.

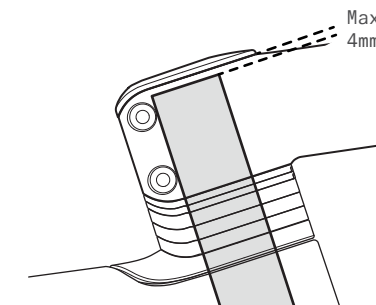
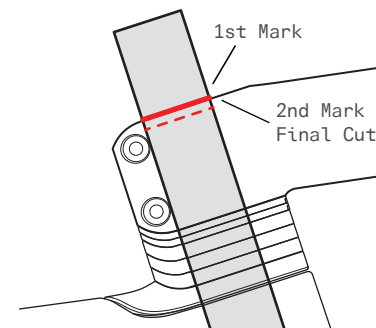
6. Carefully sand a bevel to the inside of the cut end of the steerer tube to fit the glue in Fork Insert.
7. Dry fit the Fork Insert to check that it fits flush with the end of the steerer tube taking care only to touch the ends of the insert.
8. In the case that the steerer tube is too short to allow the upper flange of the Fork Insert

to contact the top of the fork, measure the exposed length before removing. Using a new saw blade suitable for cutting aluminum, trim that same length from the bottom of the Fork Insert, and remove any sharp edges with a file. Before bonding, test-fit the fork insert again to ensure accuracy of fit.

⚠ CAUTION
Do not remove more than 32mm from the insert if cutting is required. If this is insufficient to fit fully into the fork steerer, contact Cervélo Customer Service for assistance.

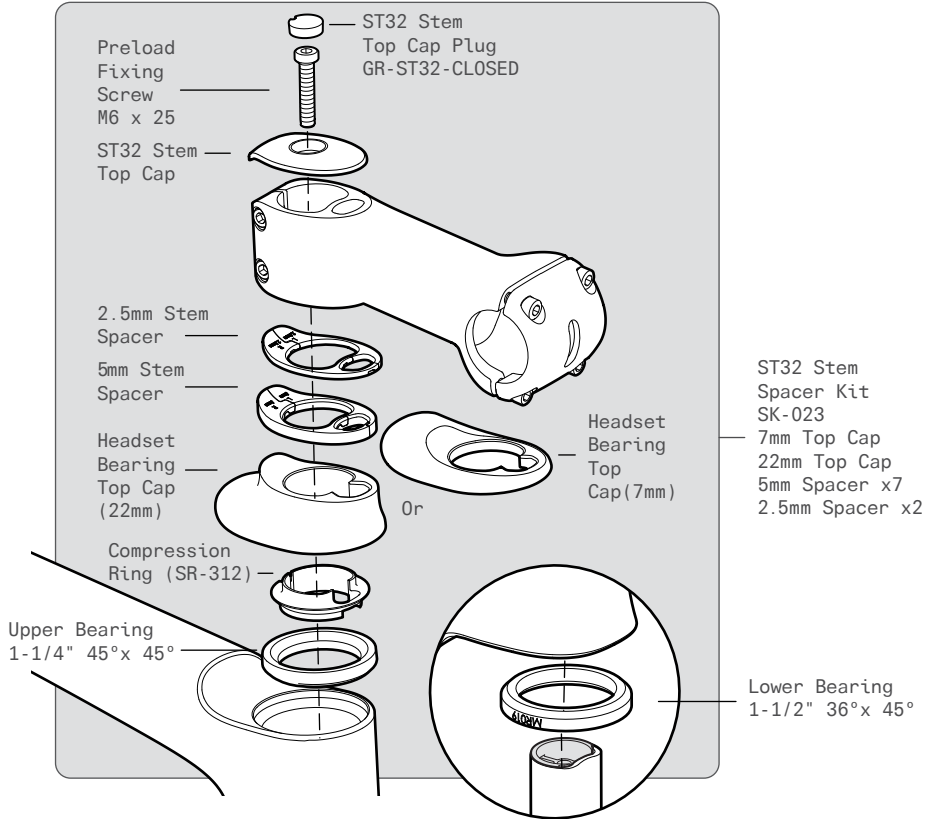
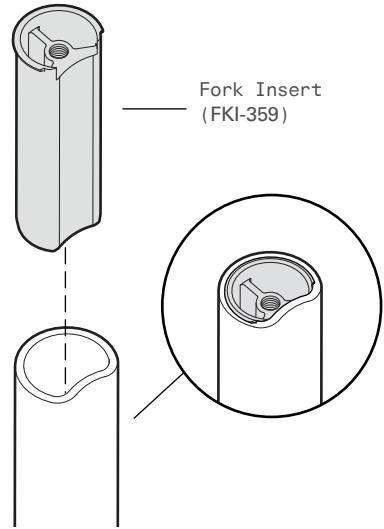
9. Use isopropyl alcohol to clean the inside of the steerer tube and the outside of the Fork Insert.
10. Fully mix the two-part epoxy and apply to the outer surface of the Fork Insert with the wooden mixing stick.
11. Slide the Fork Insert into the steerer slowly until the flared end sits flush with the top of the steerer.
12. Wipe away any excess glue from the outside surface of the steerer tube with the isopropyl alcohol wipe.
13. Set the fork aside and allow it to sit undisturbed for the full curing period.

⚠ WARNING
Improper cutting of the steerer tube could cause a failure that may result in severe injury or death.



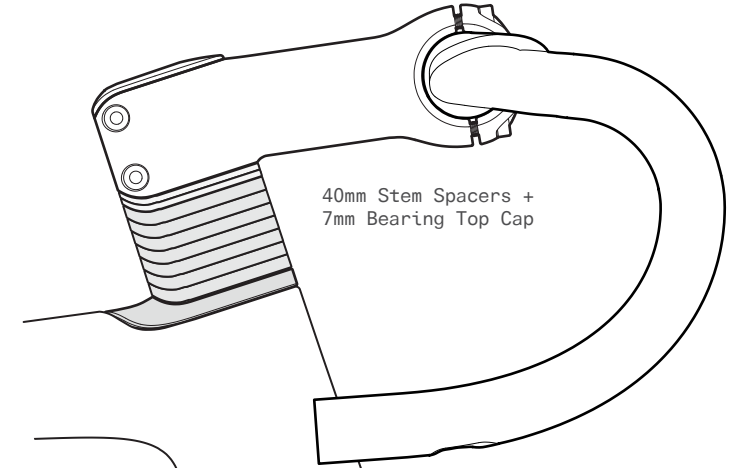
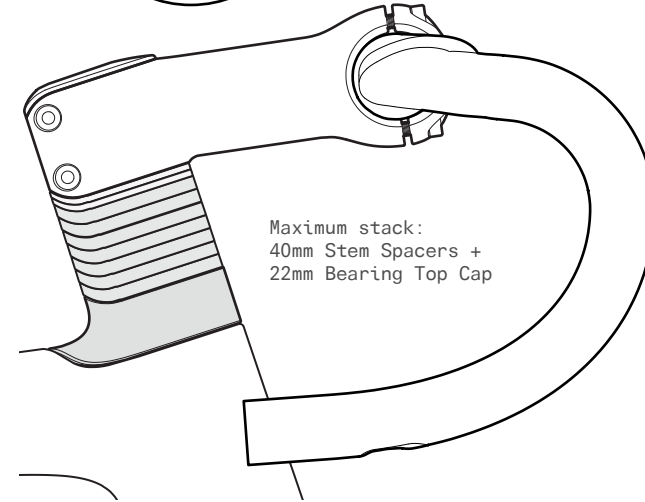
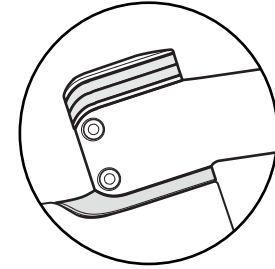
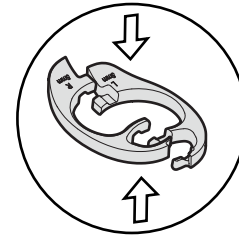
CALEDONIA-5 FORK PREPARATION & INSTALLATION

⚠ WARNING
 Your Cervélo frame & fork have been designed to work together. Do not substitute a different size fork without first consulting Cervélo Customer Service to confirm compatibility with your frame.



CALEDONIA-5 STACK ADJUSTMENT

The maximum amount of stack between the ST31 or ST32 stems and the frame is 62mm (40mm of spacers + the 22mm top cap).

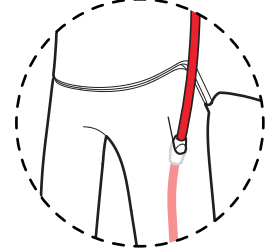
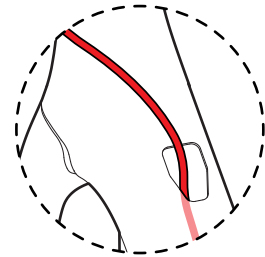


BRAKE HOSE ROUTING

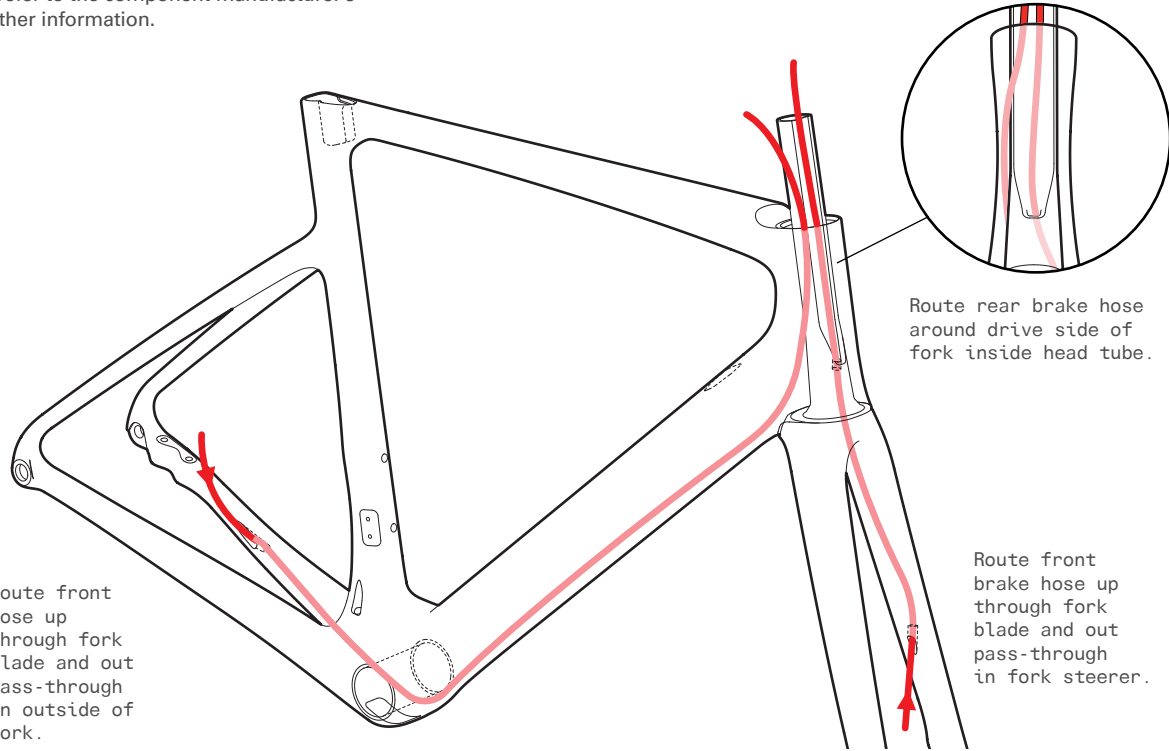
These routing illustrations are intended as a supplement to the manufacturer's installation instructions only. For both hydraulic and mechanical disc brakes, please refer to the component manufacturer's service center or website for further information.

● Brake

Note: When assembling Caledonia route rear hose through Down Tube Internal Cable Port.



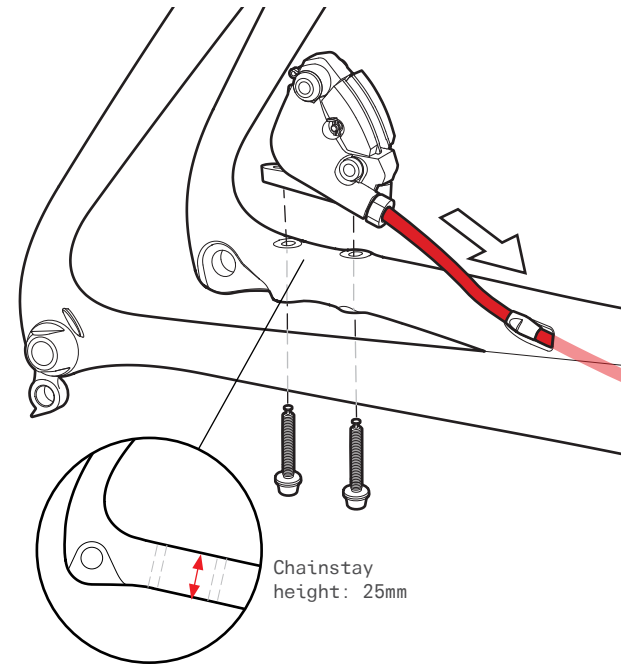
Route front hose up through fork blade and out pass-through on outside of fork.



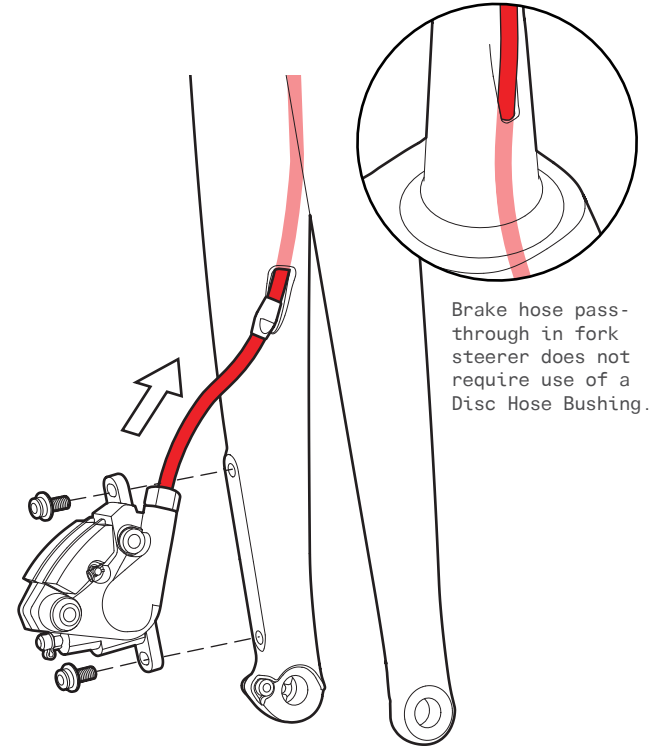
Route rear brake hose around drive side of fork inside head tube.

Route front brake hose up through fork blade and out pass-through in fork steerer.

Route hydraulic brake hose or mechanical brake housing through the frame and fork with the Disc Hose Bushings (CBG-DBH). Install and adjust calipers as per manufacturer's instructions.



Chainstay height: 25mm



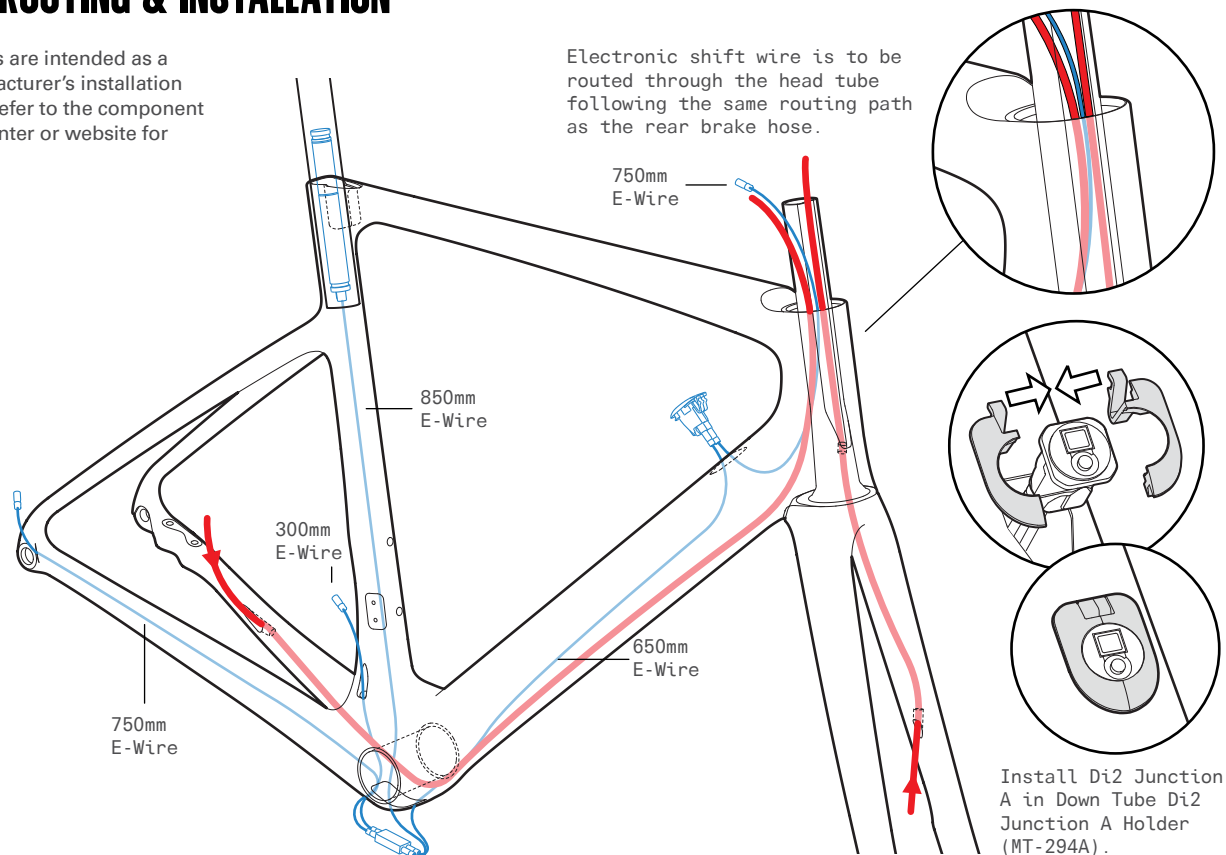
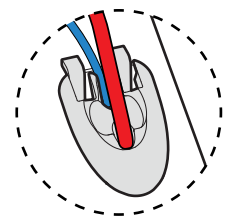
Brake hose pass-through in fork steerer does not require use of a Disc Hose Bushing.

ELECTRIC WIRE ROUTING & INSTALLATION

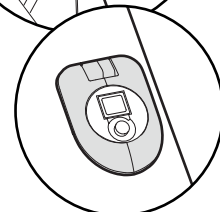
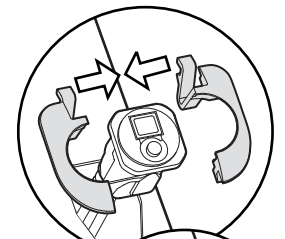
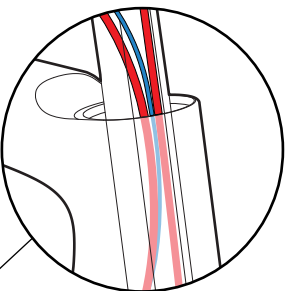
These routing illustrations are intended as a supplement to the manufacturer's installation instructions only. Please refer to the component manufacturer's service center or website for further information.

- Brake
- E-Wire

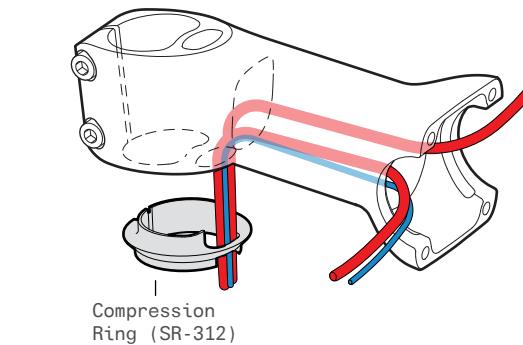
Note: When assembling Caledonia with electric shifting, control wires enter the frame through the Down Tube Internal Cable Port using the Caledonia Down Tube Cable Guide Assembly (CBG-DT-ASP)



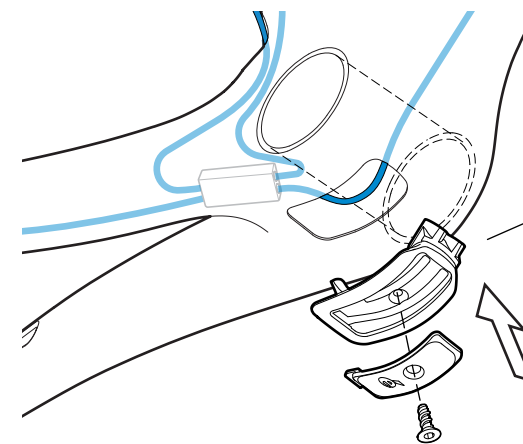
Electronic shift wire is to be routed through the head tube following the same routing path as the rear brake hose.



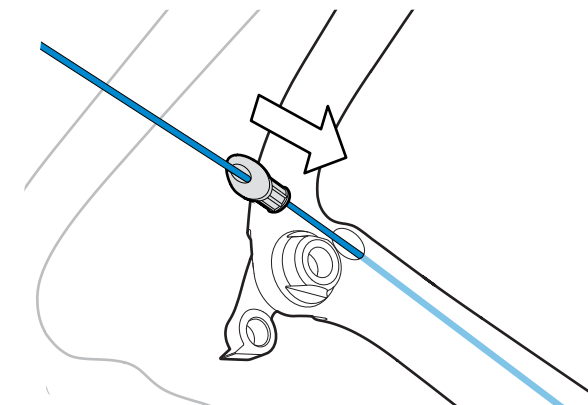
Install Di2 Junction A in Down Tube Di2 Junction A Holder (MT-294A).



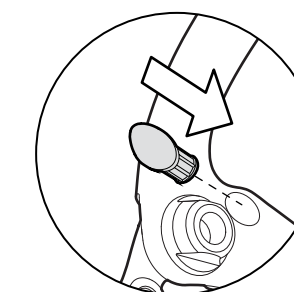
Ensure that the E-Wire is positioned to the front, between the two brake hoses as it passes through the compression ring opening.



With all wires inside, cap the Bottom Bracket Cable Port with the BB Cable Guide/Cover (BBG-0E0).



Install the Rear Derailleur Wire Guide (GR-DRPOUT-GUIDE).



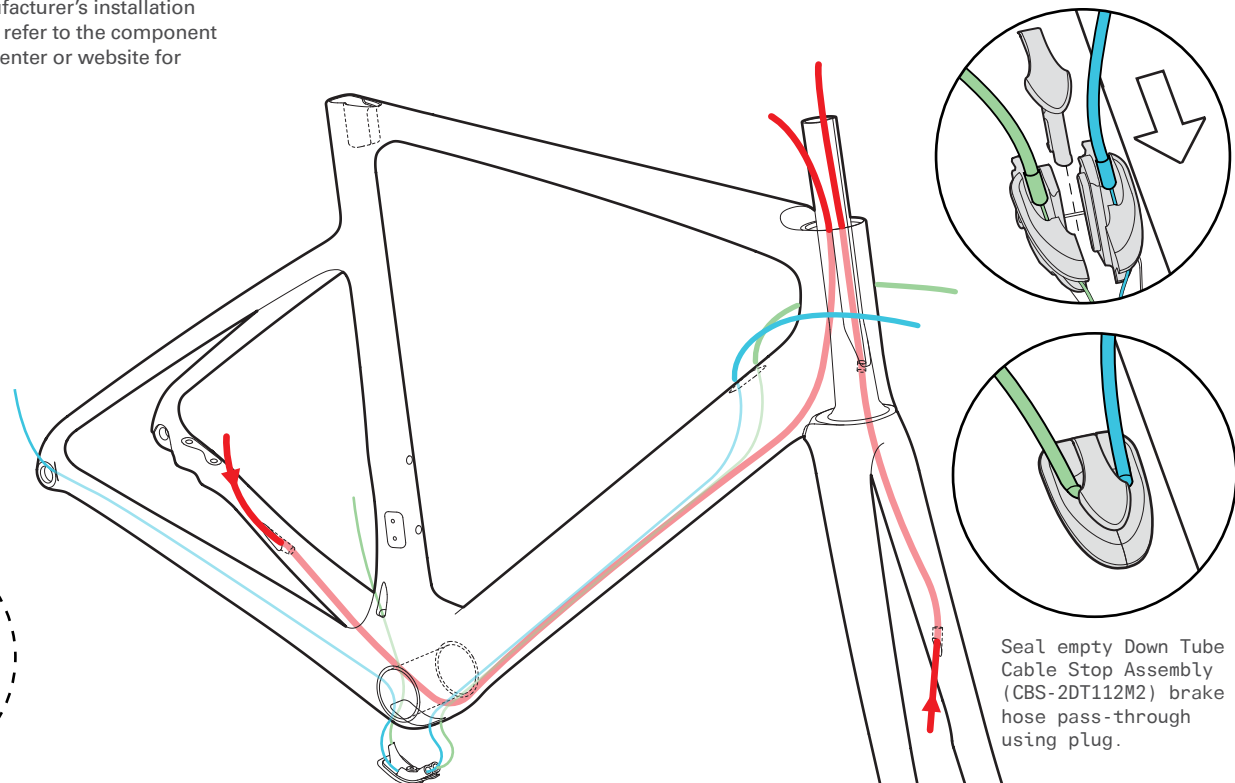
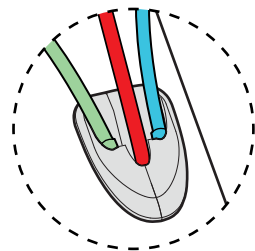
For wireless shifting systems install the Rear Derailleur Blanking Plug (GR-DRPOUT-CLOSED).

MECHANICAL CABLE ROUTING & INSTALLATION

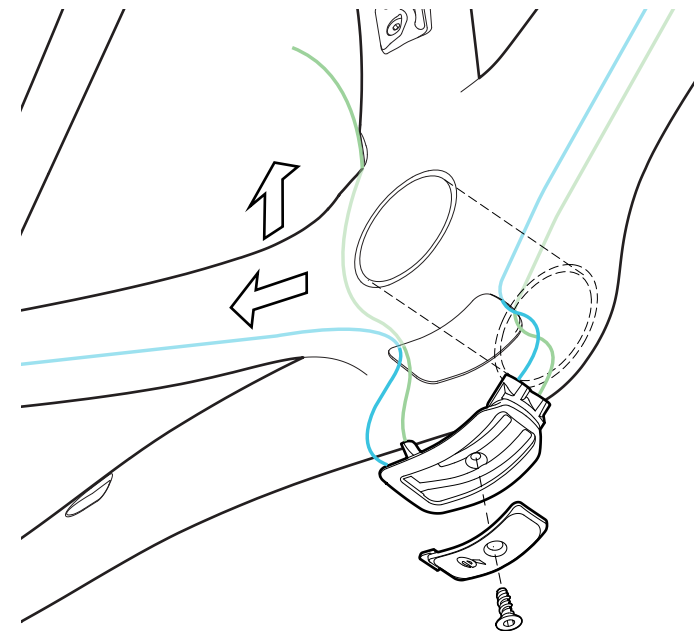
These routing illustrations are intended as a supplement to the manufacturer's installation instructions only. Please refer to the component manufacturer's service center or website for further information.

- Brake
- Rear Shifter
- Front Shifter

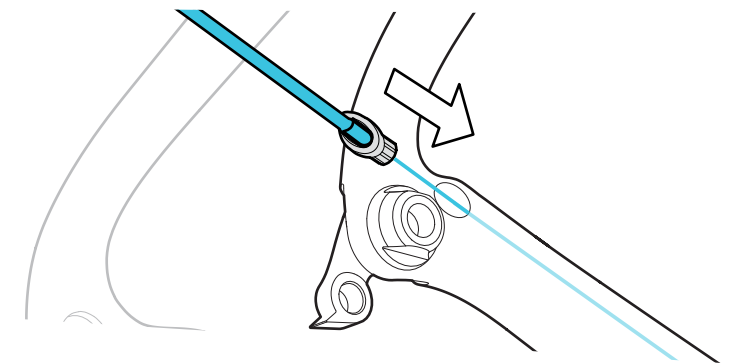
Note: When assembling Caledonia with mechanical shifting, route shifter cables and rear brake hose through Down Tube Cable Stop Assembly (CBS-2DT112M2).



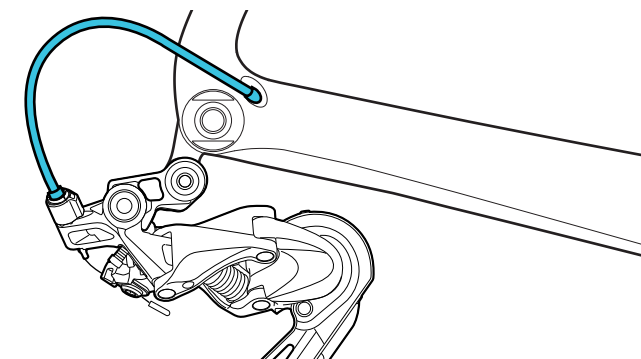
Seal empty Down Tube Cable Stop Assembly (CBS-2DT112M2) brake hose pass-through using plug.



The front cable travels across the non-drive side slot, and in the direction of the seat tube. The rear cable travels along the drive side slot, and along the chainstay. When complete, fix the BB Cable Guide/Cover (BBG-0E0) into place.



Install Rear Derailleur Press-In Cable Stop (CBS-DRPOUT).



As per manufacturer's instructions, install rear derailleur on rear derailleur hanger, cut appropriate housing length, and attach cable.

HANDLEBAR ROUTING - ELECTRIC

1. With Caledonia-5, install shifters on handlebar and connect Left and Right using the 750mm E-Wire A.
2. Thread 750mm E-Wire B from Right Shifter, through stem, connecting it to down tube Junction A.
3. Place brake housing and E-Wires in the appropriate channels of the handlebar.
4. Apply carbon assembly compound to the contact area between the handlebar and the stem faceplate.
5. Attach handlebar to stem, and attach brake and shifting controls as per manufacturer's instructions.

- Brake
- E-Wire

Note: Caledonia with electric shifting use a bar mount Junction A with the following E-Wire lengths:

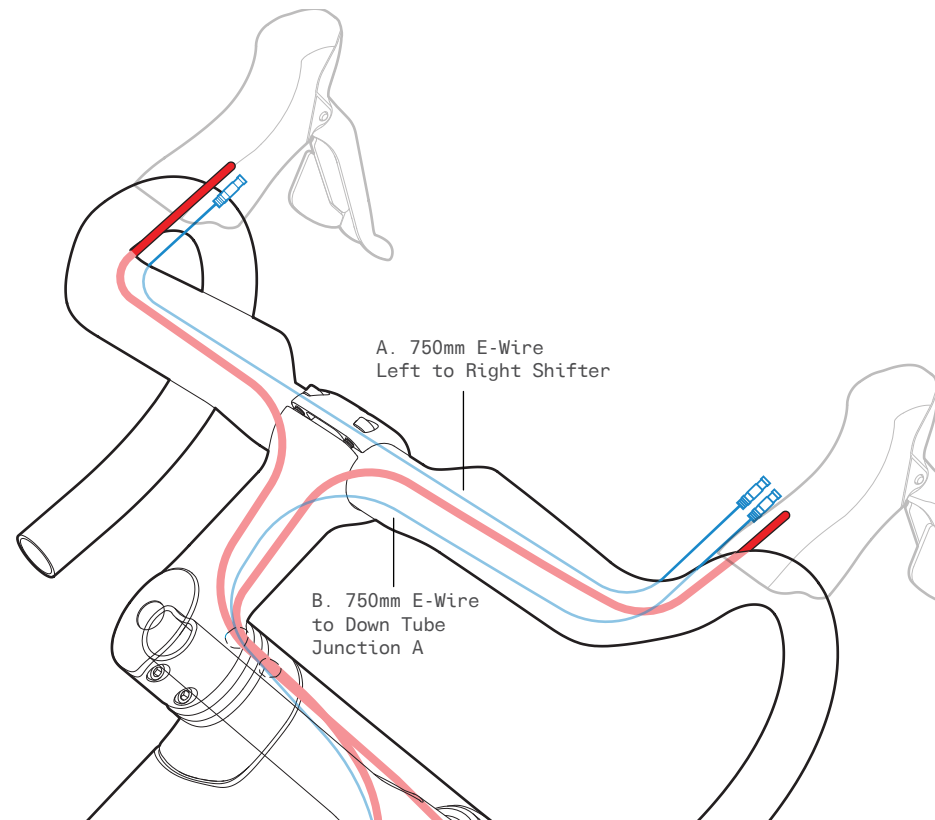
Shifter to Shifter: 750mm

Shifter to Junction A: 300mm

Junction A to Junction B via Down Tube Internal Cable Port:

1200mm 48-56cm frame

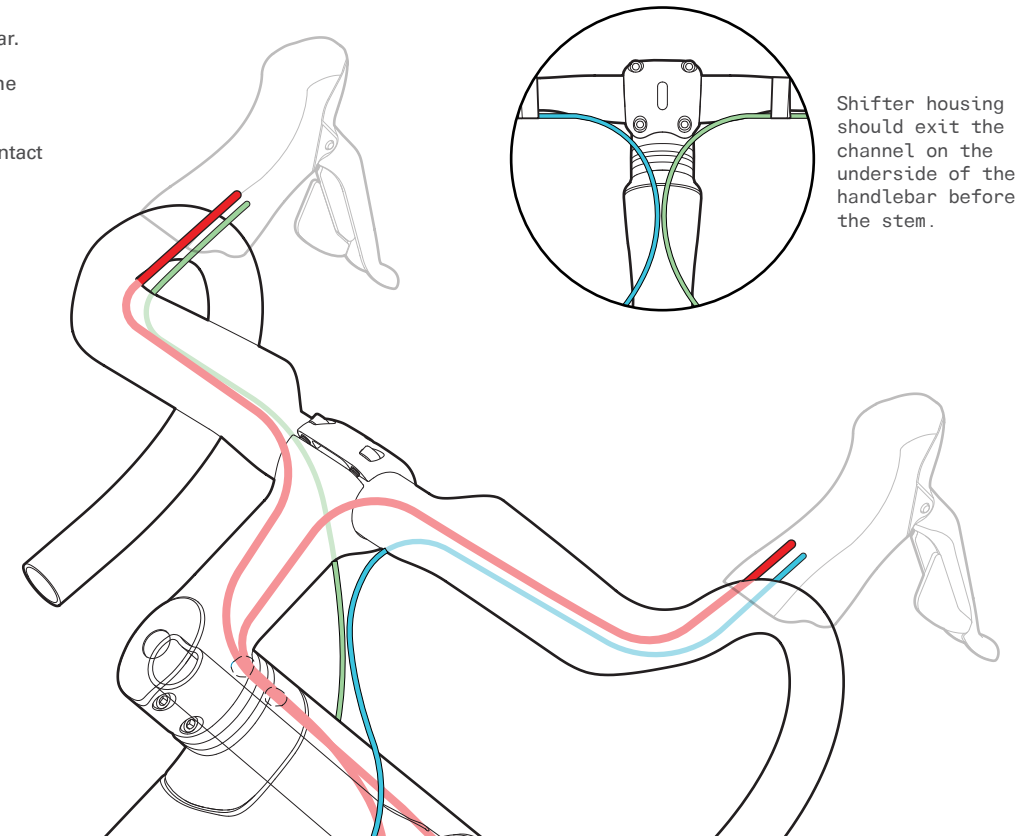
1400mm 58-61cm frame



HANDLEBAR CABLE ROUTING - MECHANICAL

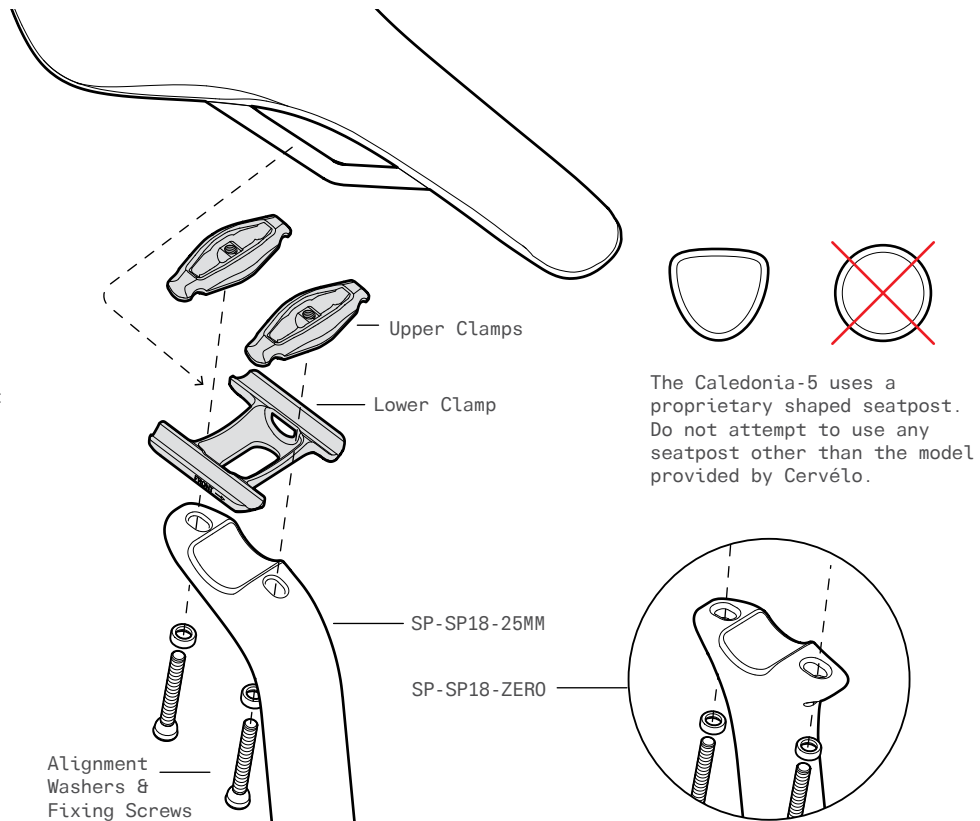
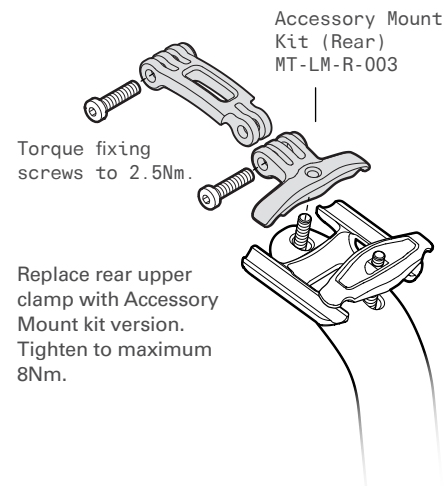
1. With Caledonia-5, install shifters on handlebar.
2. Place brake housing and shifter housing in the appropriate channels of the handlebar.
3. Apply carbon assembly compound to the contact area between the handlebar and the stem faceplate.
4. Attach handlebar to stem, and attach brake and shifting controls as per manufacturer's instructions.

- Brake
- Rear Shifter
- Front Shifter



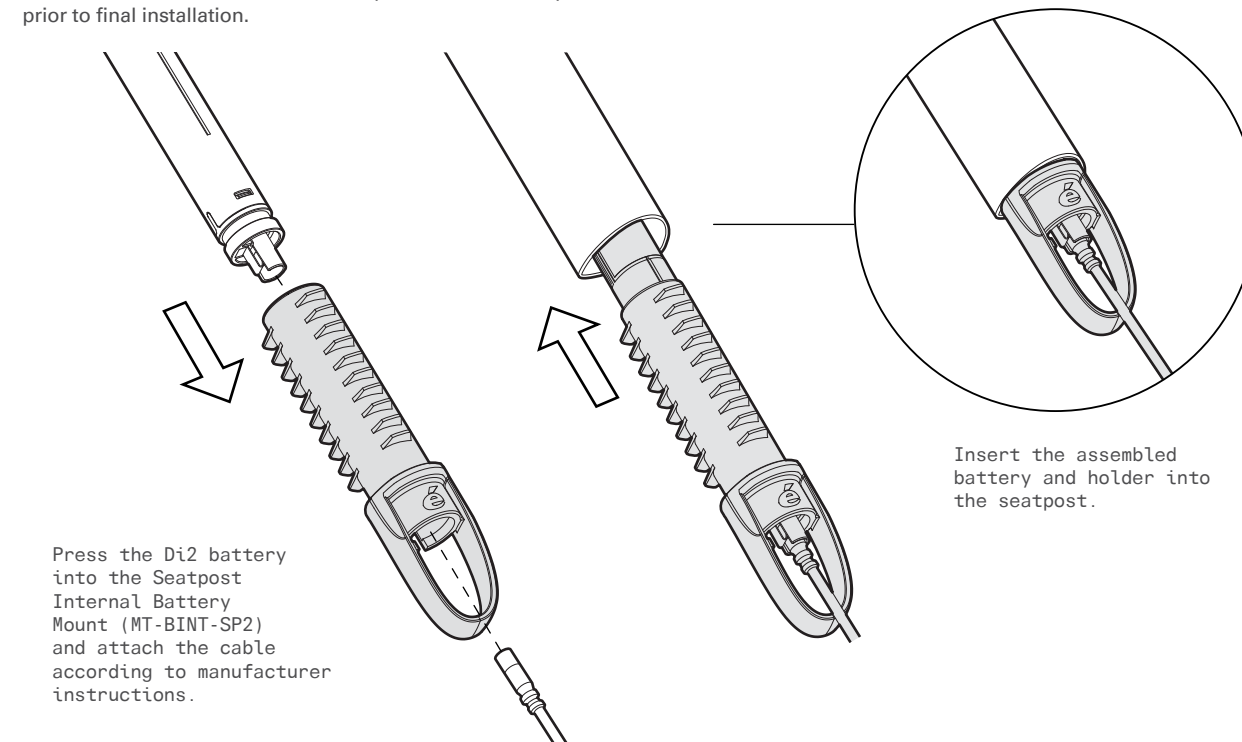
SEATPOST ASSEMBLY & INSTALLATION

1. Apply a light coat of carbon assembly compound to the upper face of the Seatpost, making sure to cover area around the adjustment slots.
2. Locate saddle rail between upper and lower clamps, and place on Seatpost.
3. With alignment washers installed, attach assembly to Seatpost, by tightening lightly greased fixing screws, alternating between the two sides each 1/2 turn. Once saddle is adjusted, tighten fixing screws to a maximum of 8 Nm.



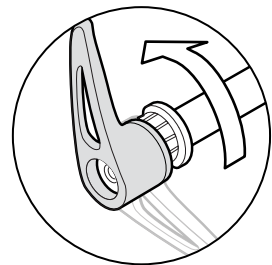
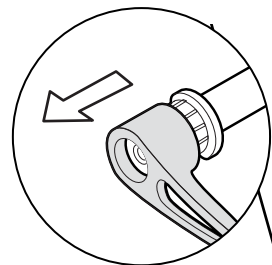
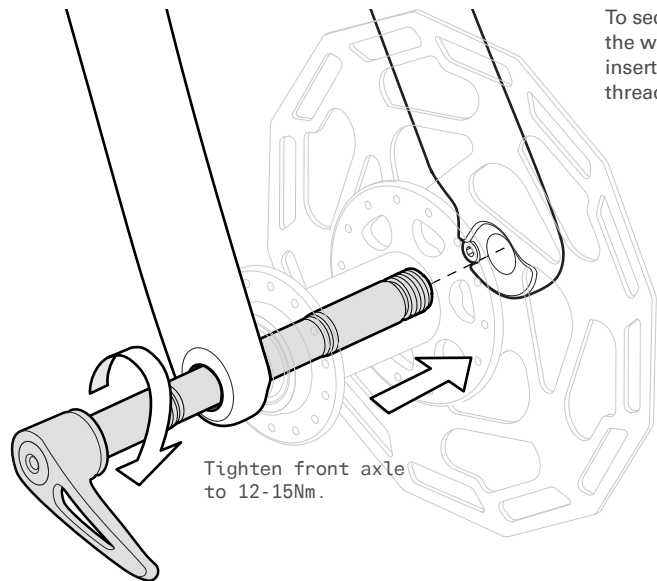
DI2 BATTERY INSTALLATION

The battery for your Shimano Di2 system mounts inside the seat tube using the Seatpost Internal Battery Mount (MT-BINT-SP2). As this is an enclosed location, it is important to test the system prior to final installation.

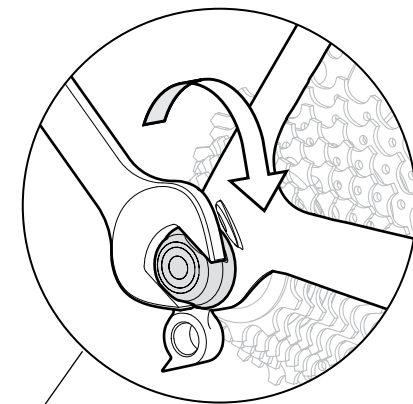
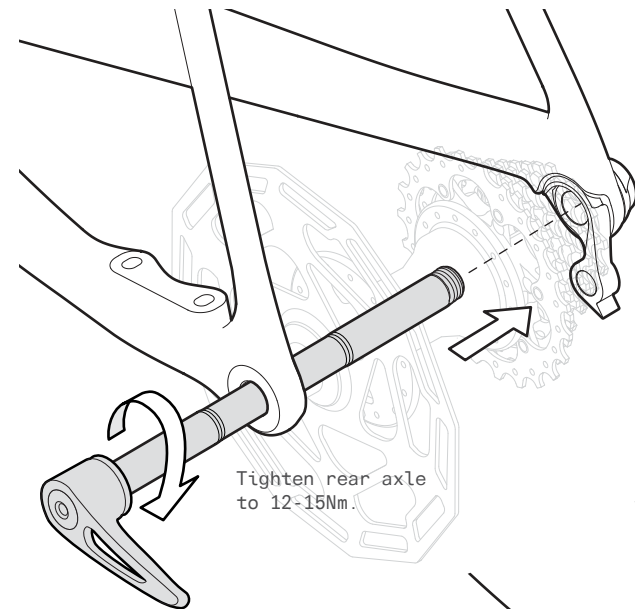
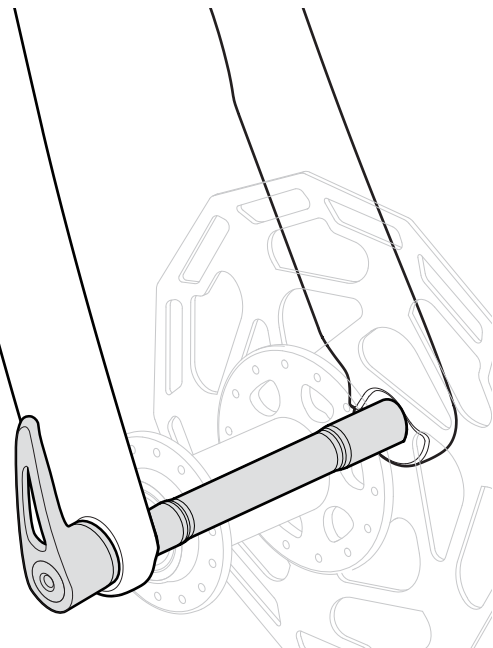


INDEXED THRU-AXLE INSTALLATION

To secure wheels, install the greased axle, through the drop out and the wheel hub, aligning the threaded end of the axle with the threaded insert. Once aligned and engaged, thread the axle (clock-wise) into the threaded component of the insert until the axle is secured tightly.



After tightening, pull lever outward, then twist into preferred position.

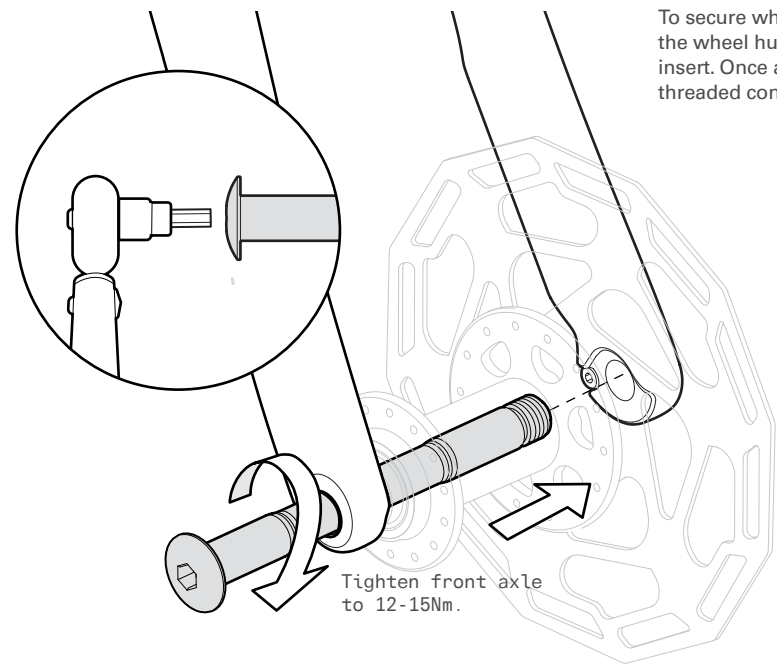


Perform final tightening on Rear Derailleur Hanger Nut using a 17mm wrench. Torque to 12-15Nm. This action is unique to initial assembly, and should not require additional adjustment.

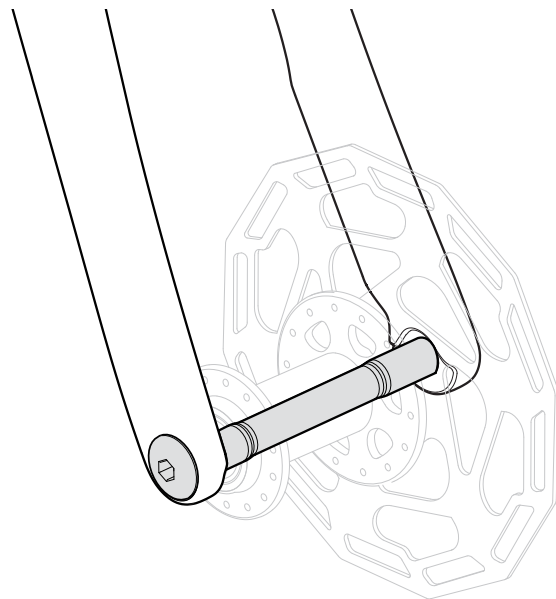
⚠ WARNING
Adjust brakes as per manufacturer's instructions.

⚠ WARNING
To ensure rider safety, it is critical to install the Cervélo Indexed Thru-Axle correctly. Failure to do so may result in an accident with potential for serious injury to the rider.

AERO THRU-AXLE INSTALLATION

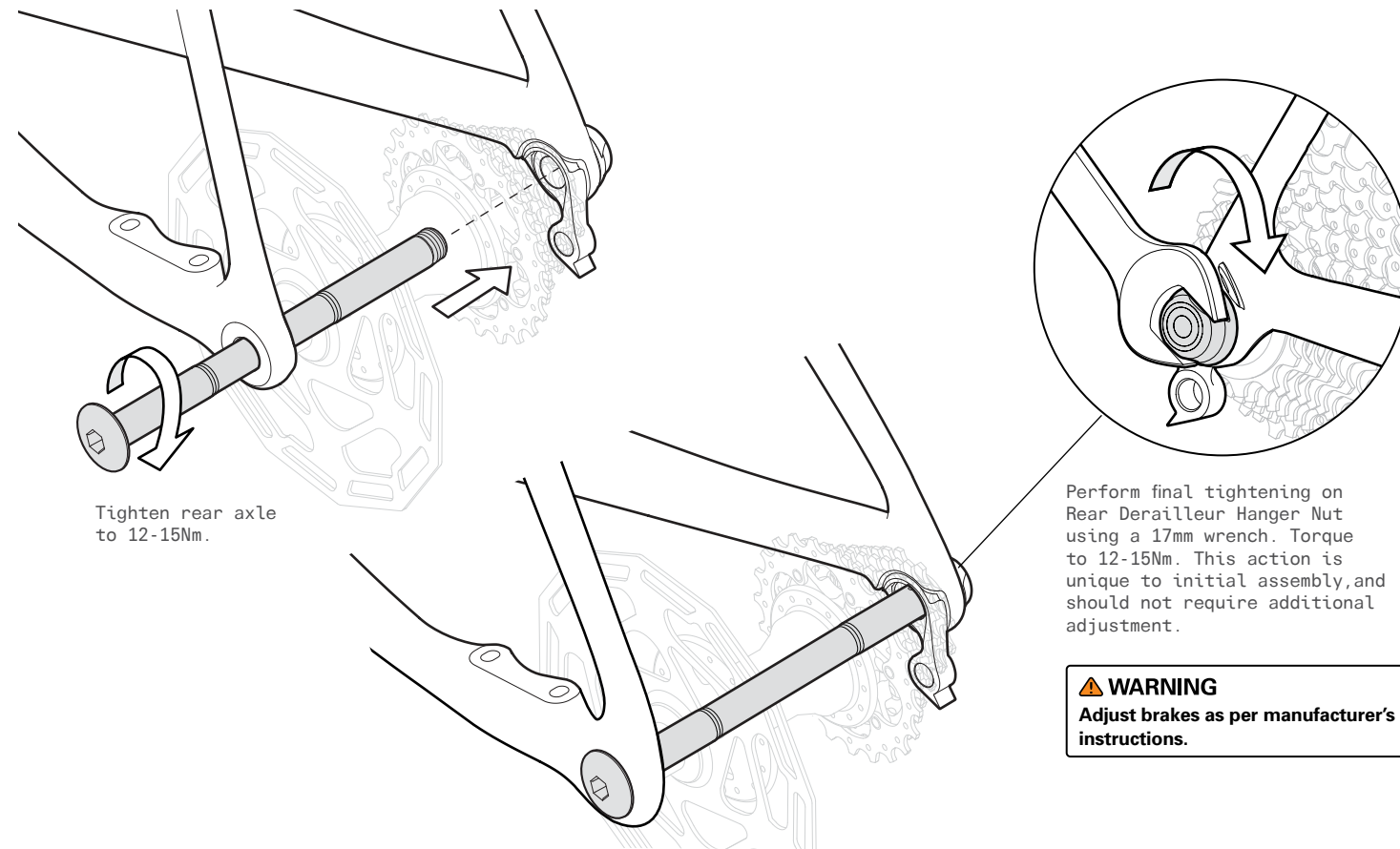


To secure wheels, install the greased axle, through the drop out and the wheel hub, aligning the threaded end of the axle with the threaded insert. Once aligned and engaged, thread the axle (clock-wise) into the threaded component of the insert until the axle is secured tightly.



⚠ WARNING

To ensure rider safety, it is critical to install the Cervélo Aero Thru-Axle correctly. Failure to do so may result in an accident with potential for serious injury to the rider.

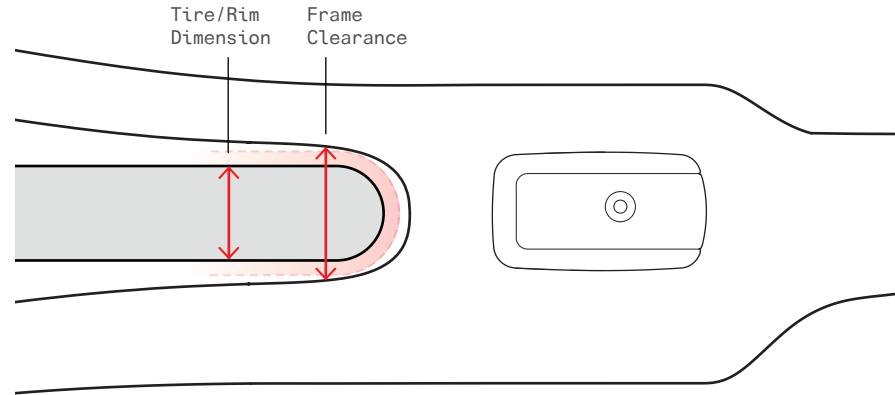


⚠ WARNING

Adjust brakes as per manufacturer's instructions.

TIRE/RIM CLEARANCE

Your Cervélo bicycle complies with the ISO 4210-2:4.10.2 standard for tire clearance. In order to comply with these safety standards and maintain your Limited Lifetime Warranty, a minimum of 4mm of clearance must remain between the tire and any frame element. Due to the growing complexity of tire and rim interfaces, Cervélo recommends identifying the available space before choosing a tire.

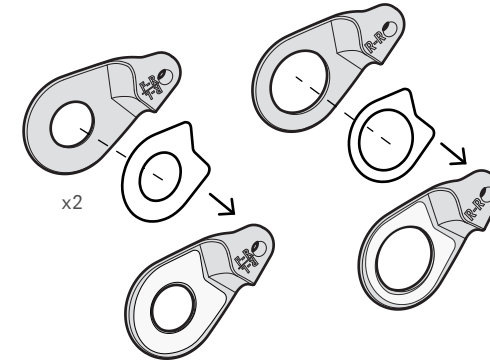


1. Measure the space between the chainstays at the bottom bracket junction.
2. Measure the space between the seatstays at the top of the tire.
3. Using the smallest of those two numbers, subtract 8mm (4mm per side) to determine the remaining space.
4. With the tire installed and fully inflated on your wheel, measure the widest of the rim or tire width to ensure that it fits.

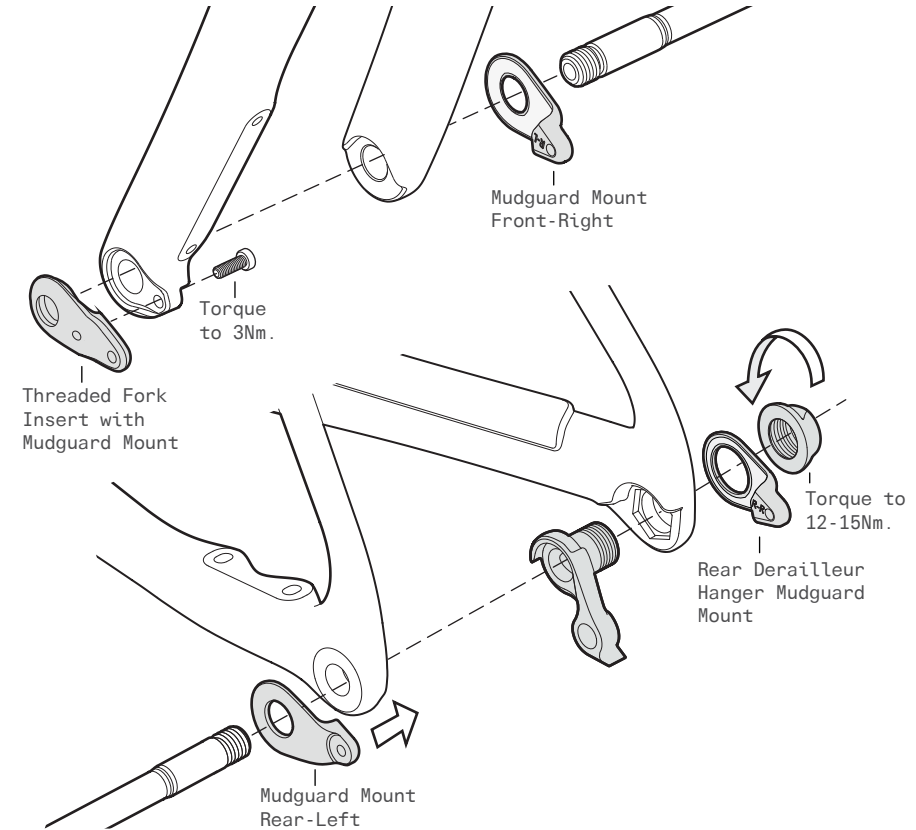
⚠ WARNING
Contact between the tire or rim and the frame or fork may result in a loss of control while riding and potentially serious injury. Failure to follow these guidelines may result in damage to the frame not covered by Cervélo Limited Lifetime Warranty.

MUDGUARD INSTALLATION

1. Remove the existing Threaded Fork Insert.
2. Install the Threaded Fork Insert with Mudguard Mount following the standard assembly procedure found on page 10.
3. Clean the inner faces of the Mudguard Mounts with isopropyl alcohol, and install the appropriate frame protection film paying attention to matching hole sizes.

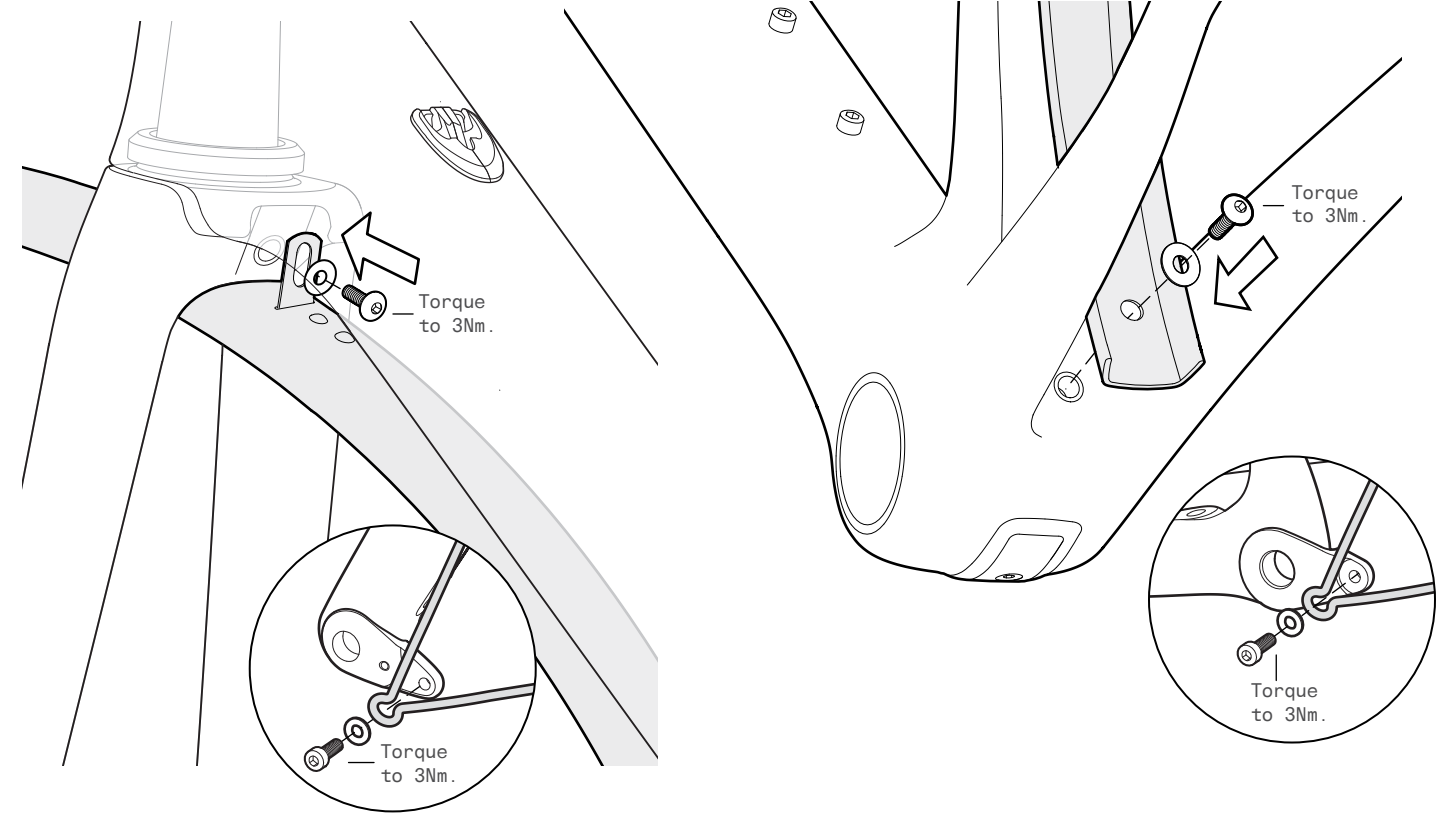
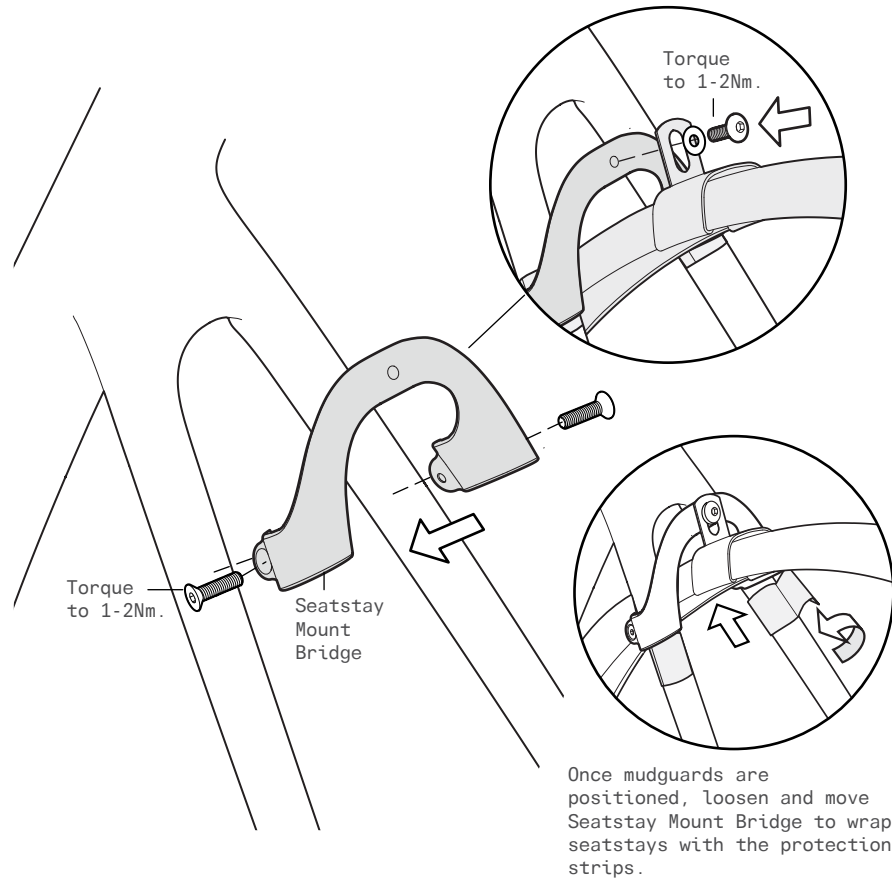


4. Remove the Rear Derailleur Hanger Fixing Nut, and install the Rear Derailleur Hanger Mudguard Mount.
5. Reinstall fixing nut as per procedure outlined on page 10 and page 28.



MUDGUARD INSTALLATION

6. Install Seatstay Mount Bridge leaving fixing bolts loose enough that the assembly can slide
7. Loosely attach mudguards to the Seatstay Mount Bridge, and to the fork as per manufacturer's instructions.
8. Reinstall front wheel including the Thru-Axle Mudguard Mount.
9. Complete installation by attaching mudguard stays to Mudguard Mounts, using lightly greased M5 fixing screws. Torque to 3Nm.
10. Torque Fork fixing screw to 3Nm.
11. Reinstall rear wheel and attach mudguard stays as per front wheel procedure.
12. Once mudguards are adjusted as per manufacturer's instructions, install frame protection strips beneath Seatstay Mount Bridge, and torque fixing bolts to 1-2 Nm.



CALEDONIA-5 & CALEDONIA RETAILER ASSEMBLY MANUAL

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