2027 P-SERIES RETAILER ASSEMBLY MANUAL

cervélo

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IMPORTANT INFORMATION

This manual is intended to guide official Cervélo retailers through the assembly and adjustment of the Cervélo P-Series. This manual outlines the process and procedure associated with the installation of Cervélo components, as well as the routing of shifting and braking control lines only. Proprietary parts referenced in this manual are available only through Cervélo or its authorized distributors.

Failure to use the specified parts and follow these assembly instructions may result in loss of control while riding, leading to serious injury. This manual is not intended to replace the assembly and service instruction provided by third-party component manufacturers, and assumes that the assembler is a trained, professional bicycle mechanic.

⚠ WARNING

This product contains one or more button cell or coin batteries.

INGESTION HAZARD: DEATH or serious injury can occur if ingested.

- **A swallowed button cell or coin battery can cause**

  Internal Chemical Burns in as little as 2 hours.
- **KEEP new and used batteries OUT OF REACH OF CHILDREN.**
- **Seek immediate medical attention if a battery is suspected to be swallowed or inserted inside any part of the body.**



⚠ WARNING

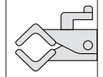
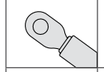
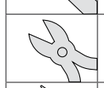
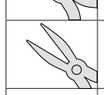
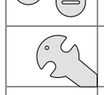
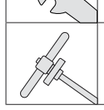
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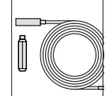
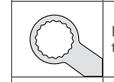
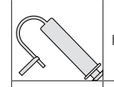
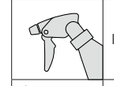
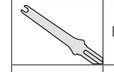
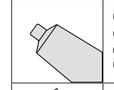
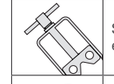
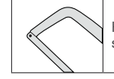
LIST OF TOOLS AND SUPPLIES

This manual outlines a number of procedures for making adjustments to the P-Series bicycle. 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.

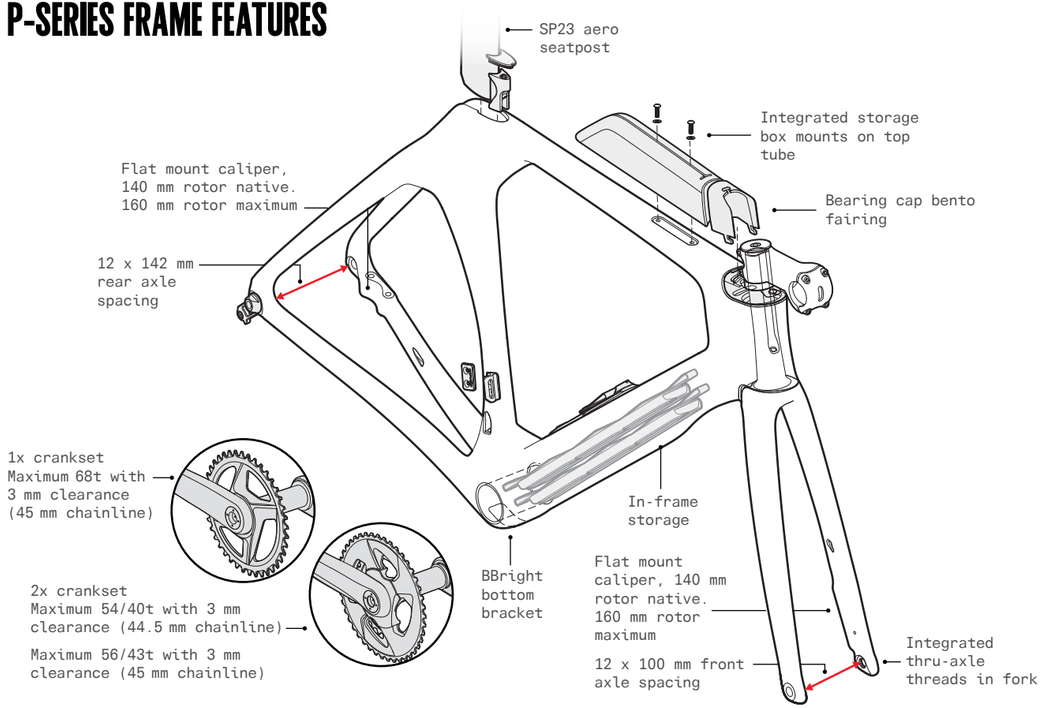
NOTE: All non-proprietary components such as those from Shimano or SRAM are available from your local distributor.

NOTE: This manual was developed to compliment the Cervélo Bicycle 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 2.5 N·m to 15 N·m and / or 10 N·m to 60 N·m range and adaptors:
	Allen (Hex) head inserts: 2 mm, 2.5 mm, 3 mm, 4 mm, 5 mm, 6 mm, 8 mm, 10 mm
	Open ended wrenches: 7 mm, 8 mm, 10 mm, 17 mm
	Cable cutters
	Pliers
	Phillips-head and slot-head screwdrivers
	Pedal wrench
	Bottom bracket / bearing press

Tools	
	Internal cable routing tool
	Brake rotor / bottom bracket lockring tools
	Hydraulic brake bleed kit
	Isopropyl alcohol
	Di2 wire tool – Shimano
	Quality bicycle grease (ParkTool HPG-1 or equivalent) and carbon assembly compound (Dynamic Assembly Compound Carbon or equivalent).
	Saw cutting guide (ParkTool SG-7.2 or equivalent)
	Hacksaw (with carbon and aluminum specific blades)

P-SERIES FRAME FEATURES



P-SERIES PARTS LIST

Item Description	Cervélo Part No.
D-Shaped Fork Compression Plug	FKI-CL005-517A
Headset Split Ring	SR-STA
Headset Bearing Cap Plug	PL-853
Headset Bearing Cap with Bearing Cap Plug	BC-833
Headset Bearing Cap Bento Fairing and Cover	PL-851
Headset Bearing 1-1/4" 45° x 45°	HS-082
Headset Bearing 1-3/8" 36° x 45°	HS-031
Cervélo Front Aero Thru-Axle with Removable Handle	QRA-AERO2-F
Removable Handle For Cervélo Aero Thru-Axle	QRA-AERO2-HNDL
Cervélo Rear Aero Thru-Axle with Removable Handle	QRA-AERO2-R
SB05A Down Tube Storage Door with Pull Tab	SB-SB05-DR-V2
SB05 In-Frame Storage Rolls	SB-SB05-BG
Down Tube Cable Management Sleeve	PRO-CAB-SL

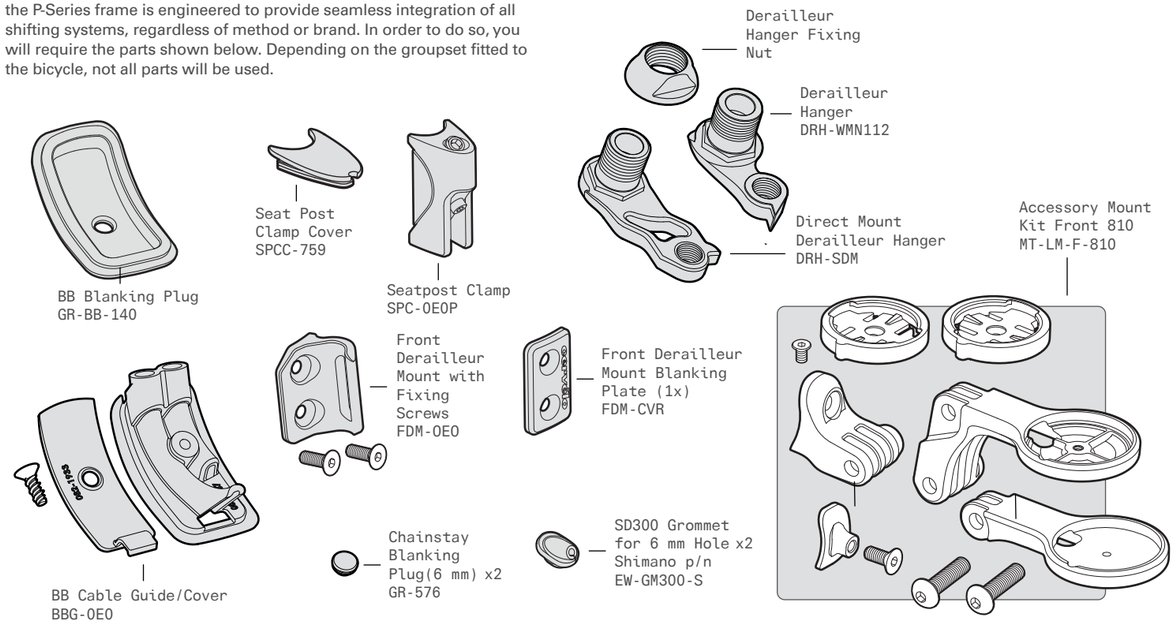
Item Description	Cervélo Part No.
BB Blanking Plug R5	GR-BB-140
BB Cable Guide/Cover	BBG-0E0
6 mm Blanking Plug	GR-576
Shimano SD300 Grommet for 6 mm Hole	EW-GM300-S
Front Derailleur Mount with Fixing Screws	FDM-0E0
Front Derailleur Mount Blanking Plate	FDM-CVR
Chainstay Protector 508	PRO-CS-508
Rear Derailleur Hanger with Fixing Nut	DRH-WMN112
Shimano Direct Mount RDH with Fixing Nut	DRH-SDM
Seat Post Clamp Cover 759	SPCC-759
Seat Post Clamp Assembly P Series	SPC-0E0P
SB03 Top Tube Storage Box	SB-SB03-TT
Bottle Boss Cover Plate	CVR-WB
ST36 Stem	**see page 10**
ST36 Cable Guide	MT-597
Accessory Mount Kit Front 810	MT-LM-F-810

Item Description	Cervélo Part No.
SP23 Long Carbon Seatpost with Head	SP-SP23-L-B
P Series Seatpost Battery Mount	MT-BINT-SP
Seatpost Water Bottle Mount	MT-WB-SP
Seatpost Head Mounting Slug	SPS-SP2123

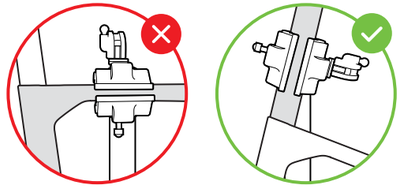
Item Description	Profile Design Part No.
38 cm Wing Evo Basebar with Barrel Nuts, M5 Fixing Screws and Washers	358449
Top Stem Cover	274506
Wing Evo Basebar only	358450
Barrel Nut	274505
M5 x 22 mm Fixing Screw	313614
M5 Washer	275565
Headset Cover (Bearing Top Cap)	274507
Wing Evo Headset Spacer Kit (5 mm x7)	293159

SMALL PARTS

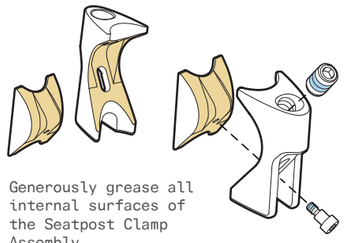
Designed to accommodate electronic, mechanical and hydraulic controls, the P-Series frame is engineered to provide seamless integration of all shifting systems, regardless of method or brand. In order to do so, you will require the parts shown below. Depending on the groupset fitted to the bicycle, not all parts will be used.



FRAME PREPARATION

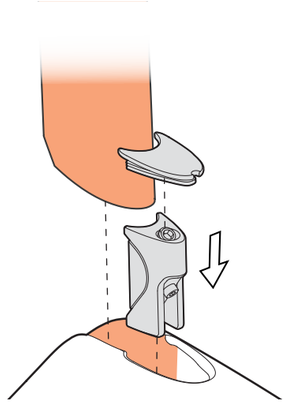


⚠ WARNING
Hold the frame using a secured seatpost only. Clamping the top tube can damage the frame and void your warranty.



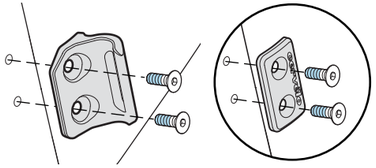
Generously grease all internal surfaces of the Seatpost Clamp Assembly.

Grease



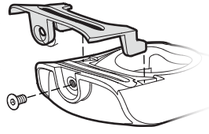
1. Apply carbon paste to both frame and seatpost.
2. Insert the seatpost and Seatpost Clamp Assembly (SPC-0E0P) into the frame.
3. Adjust height and torque to 8 N·m maximum.
4. Finish by pressing the Seatpost Clamp Cover (SPCC-759) into place.

Carbon Assembly Compound



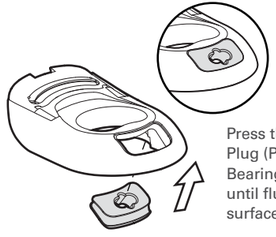
Install the Front Derailleur Mount (FDM-0E0), and ensure fixing screws are torqued to 3 N·m. For 1x systems, replace with the Front Derailleur Mount Blanking Plate (FDM-CVR).

Threadlocker



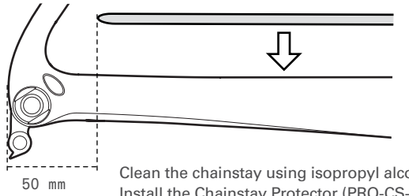
Install the Bearing Cap Cover or the Bearing Cap Bento Fairing onto the Bearing Cap. Tighten to 1 N·m.

If using the Bearing Cap Bento Fairing see **Page 31**.



Press the Bearing Cap Plug (PL-853) into the Bearing Cap (BC-833) until flush with the top surface.

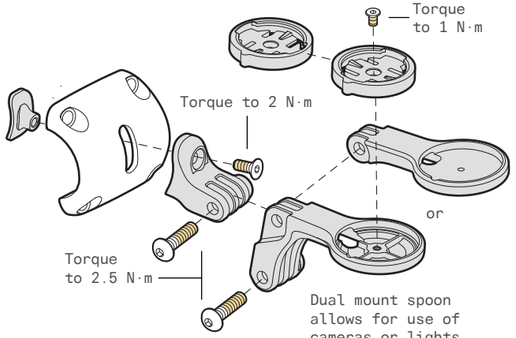
FRAME PREPARATION



Clean the chainstay using isopropyl alcohol. Install the Chainstay Protector (PRO-CS-508) by removing adhesive backing, and fixing the guard to the frame. The bottom rearward edge should be approximately 50 mm forward from the back of the rear dropout.

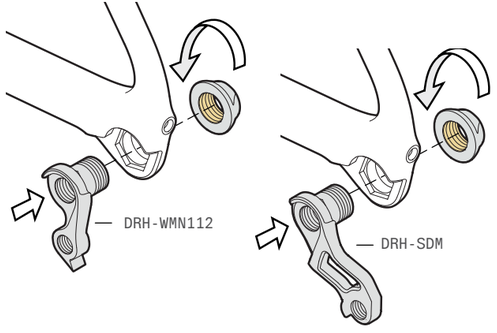
The Accessory Mount Kit Front 810 (MT-LM-F-810) allows cycling computers to sit below the top surface of the stem and includes computer mount adapters for Garmin and Wahoo computers.

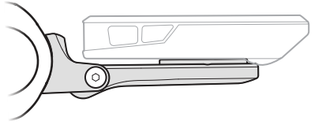
Grease



Lightly grease Rear Derailleur Hanger Fixing Nut and install either Rear Derailleur Hanger (DRH-WMN112) or Direct Mount Rear Derailleur Hanger (DRH-SDM) finger tight. Final tightening will be performed after rear wheel installation.

⚠ WARNING
Do not apply final torque to the rear derailleur hanger assembly without rear wheel installed. Doing so may result in a misaligned derailleur and poor shifting.

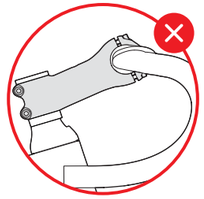




ST36 STEM

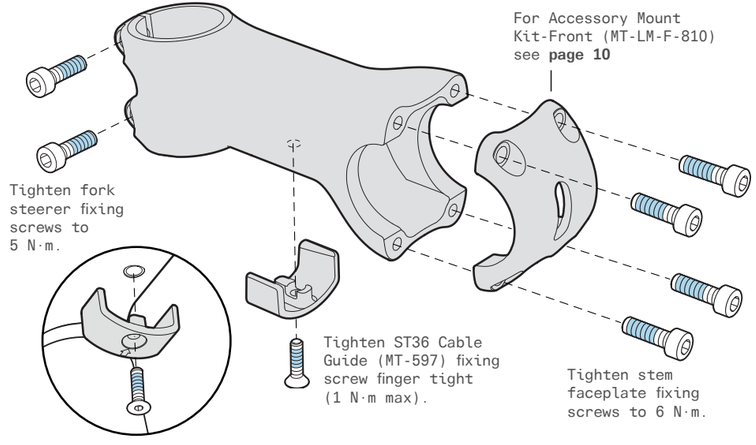
Cervélo ST36 Stem (Aluminum)

70 mm	ST-A027-70*	*70 mm and 80 mm versions do not include ST36 Cable Guide.
80 mm	ST-A027-80*	
90 mm	ST-A036-90	
100 mm	ST-A036-100	
110 mm	ST-A036-110	
120 mm	ST-A036-120	
130 mm	ST-A036-130	



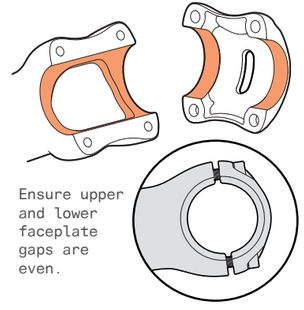
ST36 stem can not be flipped for additional stack.

Threadlocker



1. When used with carbon handlebars, coat the surfaces where the stem body and faceplate contact the handlebar clamping area (as shown below) with carbon assembly paste.
2. Center the handlebar against the stem body and secure it in place by mounting the faceplate and tightening all faceplate fixing screws finger-tight.
3. Tighten the faceplate fixing screws evenly following a star pattern until the upper and lower stem to faceplate gaps are even.
4. Perform final tightening in a star pattern using a torque wrench to 6 N·m maximum.

Carbon Assembly Compound



PROFILE DESIGN WING EVO BASEBAR

To assemble, insert the two Barrel Nuts into the basebar. Attach the M5 x 22 mm Fixing Screws with Washers. Torque to 5 N·m on installation to the fork. Finish by attaching the Top Stem Cover.

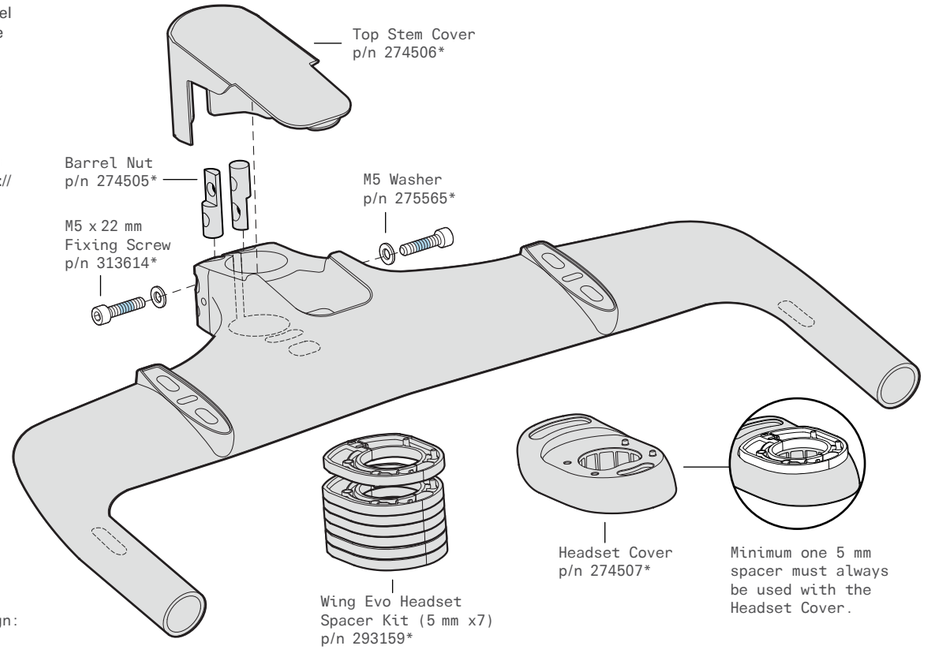
The Wing Evo basebar is compatible with Profile Design's A3 platform of extensions: https://profile-design.com/collections/aerobars-extensions

Profile Wing Evo Basebar
38 cm (Carbon)

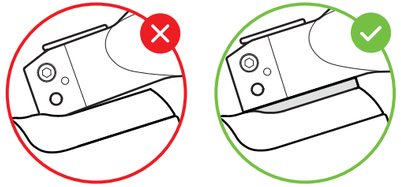
Basebar with Barrel Nuts and Fixing Screws
p/n 358449*

Basebar only
p/n 358450*

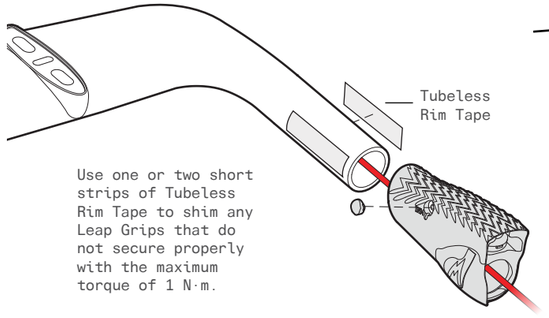
Threadlocker



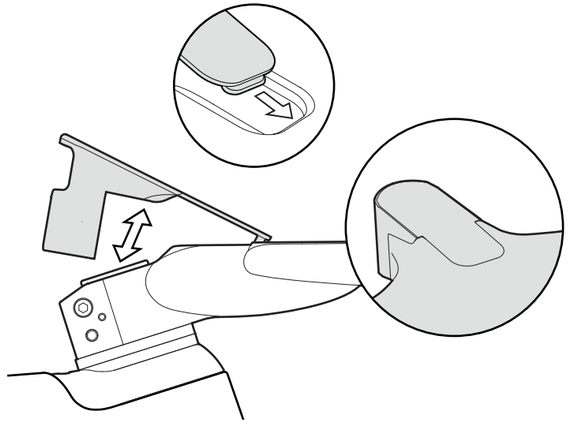
*Profile Design part number. Replacement parts are available from Profile Design: https://profile-design.com



⚠ WARNING
Minimum one 5 mm spacer must always be used with the Headset Cover. Failure to do so may result in damage to the frame not covered by warranty policy, or serious injury and/or death.



Use one or two short strips of Tubeless Rim Tape to shim any Leap Grips that do not secure properly with the maximum torque of 1 N·m.



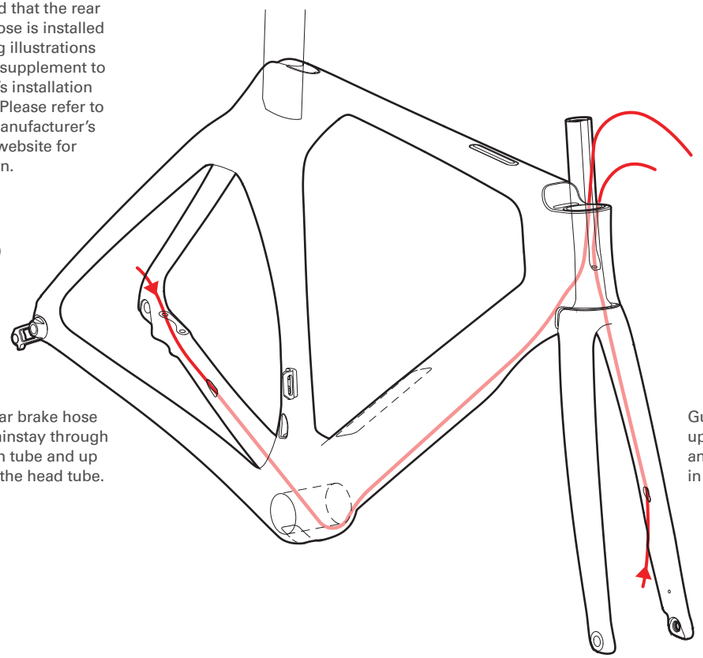
To install the Top Stem Cover engage the tab on the front edge with the basebar and press down at the rear until it snaps into place.

To remove, spread apart the cover at the rearward split and lift.

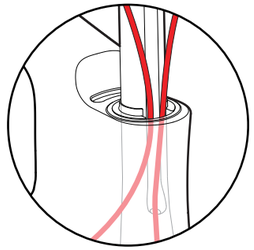
BRAKE HOSE ROUTING

It is recommended that the rear hydraulic brake hose is installed first. 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(SD50)

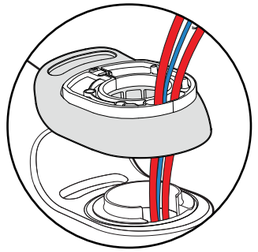


Route rear brake hose from chainstay through the down tube and up through the head tube.

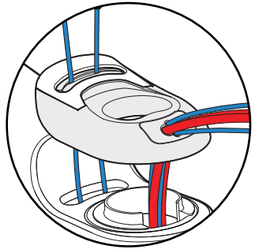


Route rear brake hose around drive side of fork inside head tube.

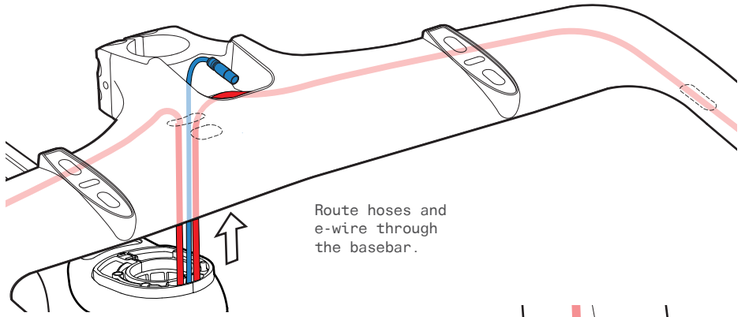
Guide the front brake hose up from bottom of fork and out the pass-through in the fork.



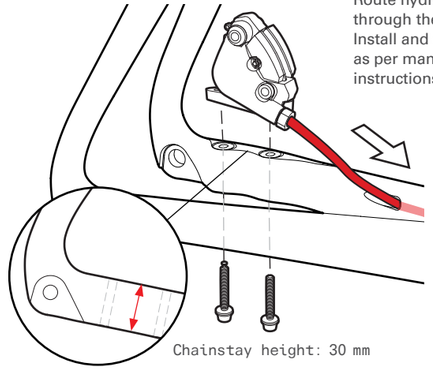
Wing Evo Basebar Route all brake hoses, e-wire or mechanical shifter housing through the Bearing Cap on installation.



Standard Stem Route all brake hoses, e-wires or mechanical shifter housing through the Bearing Cap on installation.

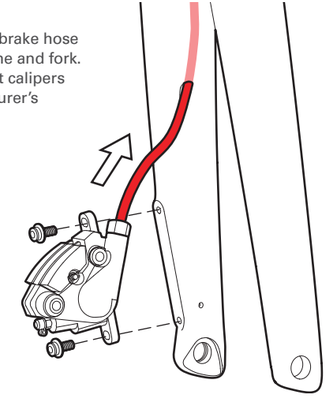


Route hoses and e-wire through the basebar.



Chainstay height: 30 mm

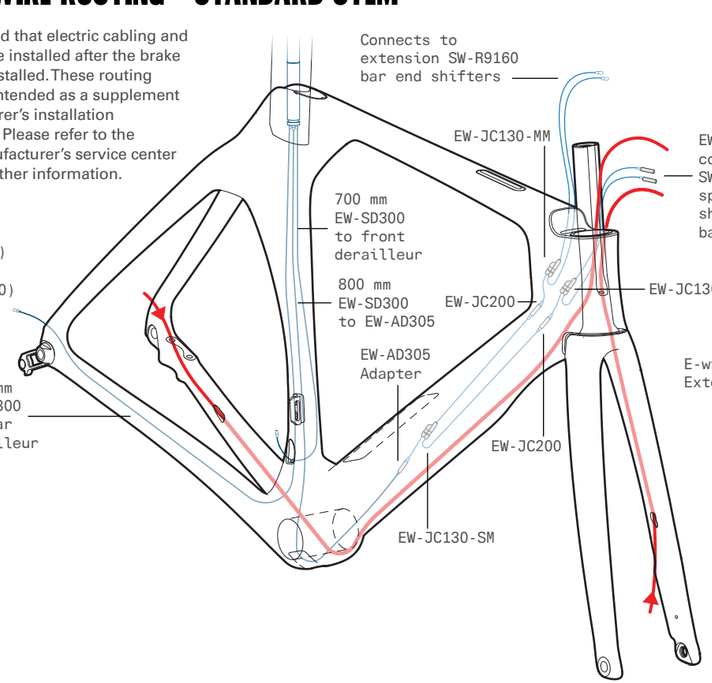
Route hydraulic brake hose through the frame and fork. Install and adjust calipers as per manufacturer's instructions.

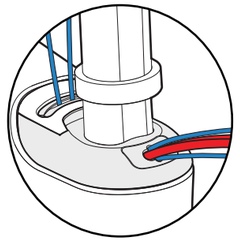


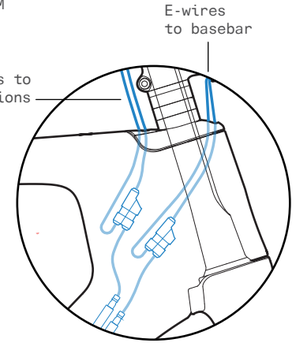
ELECTRIC WIRE ROUTING - STANDARD STEM

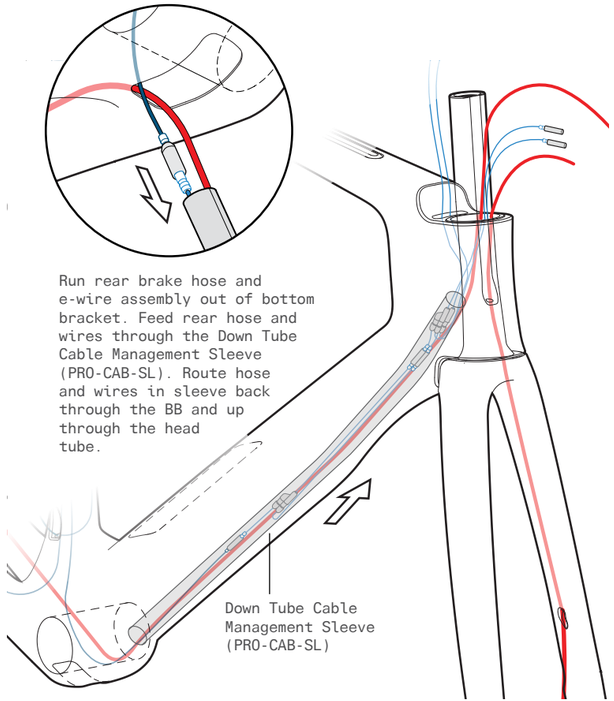
It is recommended that electric cabling and junction points be installed after the brake hose has been installed.These routing illustrations are intended as a supplement to the manufacturer's installation instructions only. Please refer to the component manufacturer's service center or website for further information.

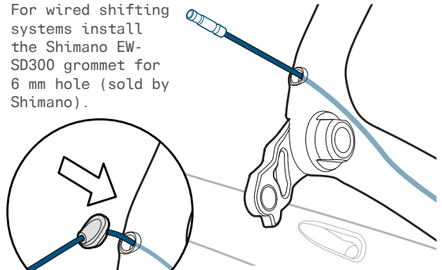
- Brake
- E-Wire(SD50)
- E-Wire(SD300)

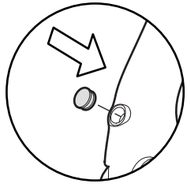


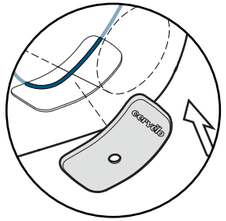








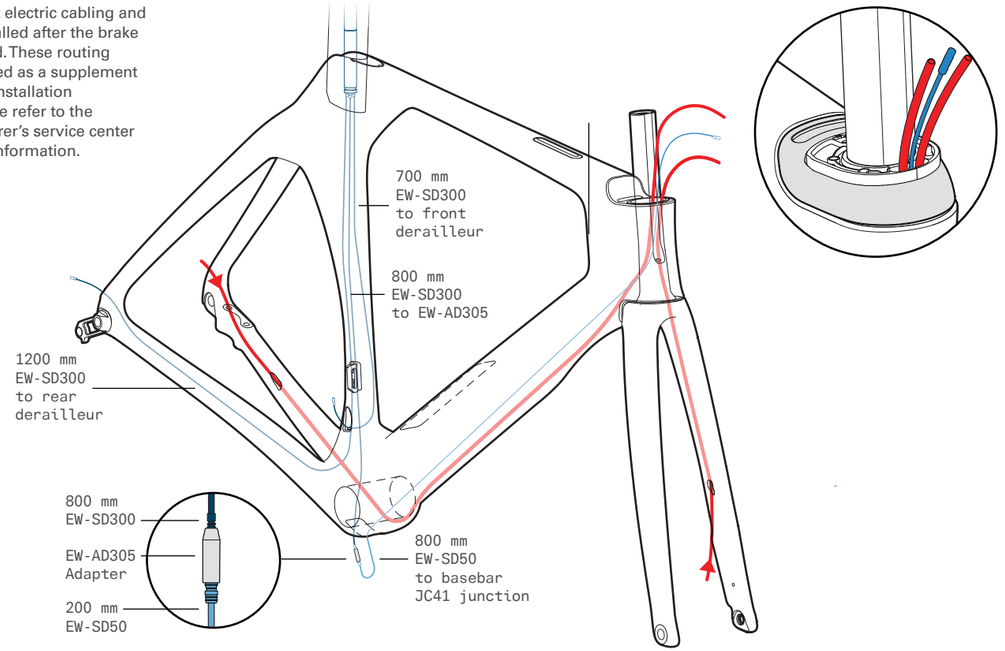


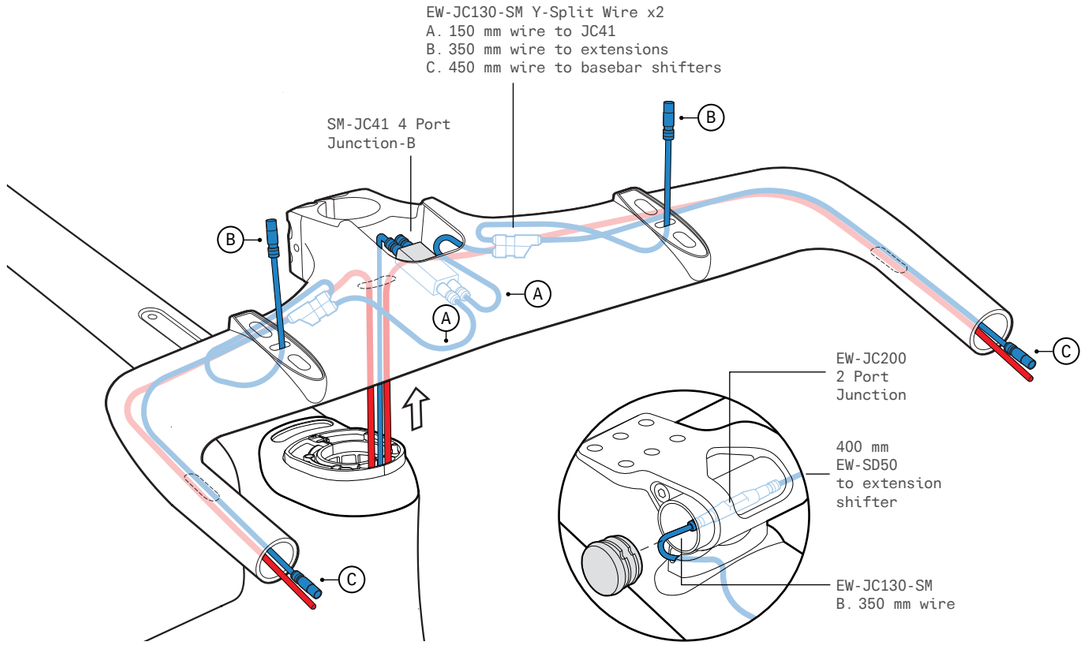


ELECTRIC WIRE ROUTING - WING EVO BASEBAR

It is recommended that electric cabling and junction points be installed after the brake hose has been installed.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(SD50)
- E-Wire(SD300)

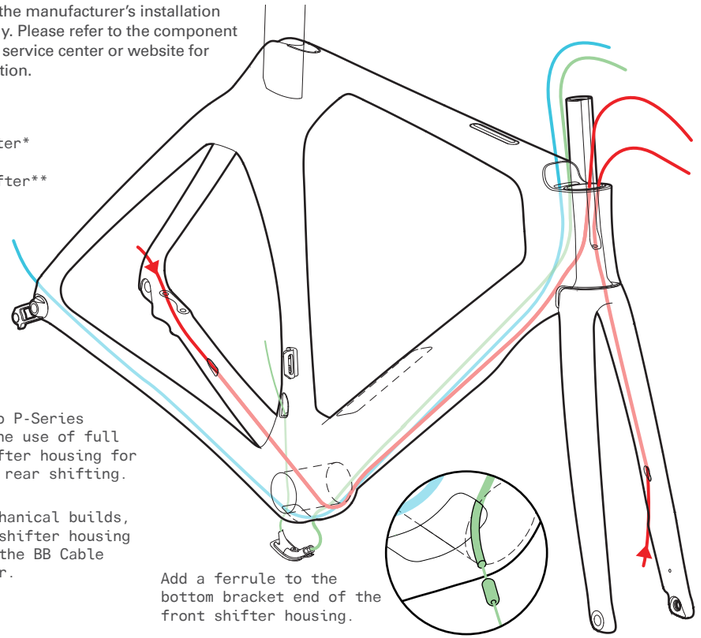




MECHANICAL HOUSING ROUTING

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.

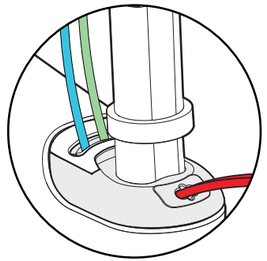
- Brake
- Rear Shifter*
- Front Shifter**



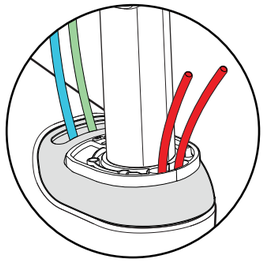
* The Cervélo P-Series requires the use of full length shifter housing for mechanical rear shifting.

** For 2x mechanical builds, the front shifter housing is run to the BB Cable Guide/Cover.

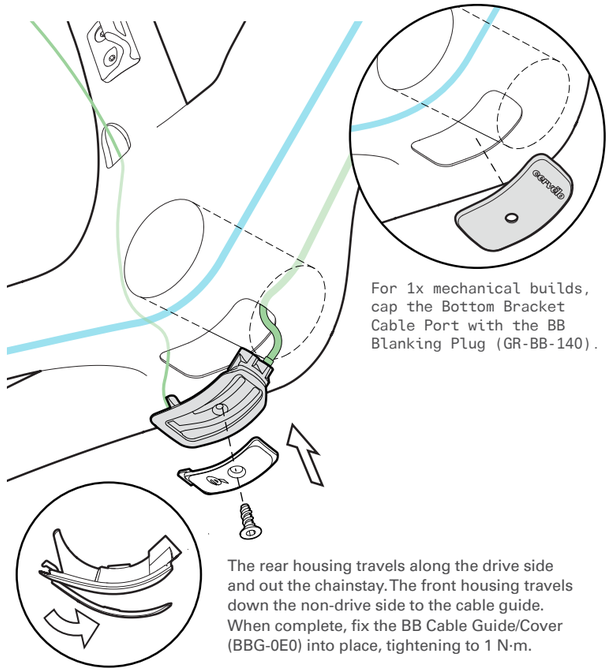
Add a ferrule to the bottom bracket end of the front shifter housing.



BC-833 Shifter housing exits at the rear of the Bearing Top Cap and brake hose out the front.

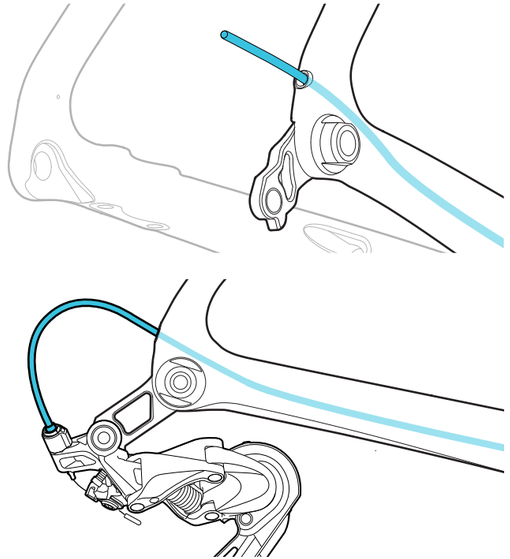


p/n 274507 Shifter housing exits at the rear of the Bearing Top Cap and brake hose out the front.



For 1x mechanical builds, cap the Bottom Bracket Cable Port with the BB Blanking Plug (GR-BB-140).

The rear housing travels along the drive side and out the chainstay. The front housing travels down the non-drive side to the cable guide. When complete, fix the BB Cable Guide/Cover (BBG-0E0) into place, tightening to 1 N·m.



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

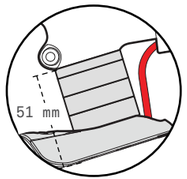
FORK PREPARATION AND INSTALLATION - STANDARD STEM

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 4 mm 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 D-Shaped Compression Plug and tighten to hold in place. Do not apply final torque until after the stem is installed.
7. Place Lower Bearing over the fork steerer and insert into the frame from the bottom of the head tube.
8. Install over the steerer in order: Upper Bearing, Split Ring, Bearing Cap, Spacers, and Stem. Do not install the Stem Top Cap.
9. Tighten the Compression Plug to 8 N·m using a torque wrench.
10. Install the Stem Top Cap and Preload Fixing Screw into the stem. Tighten the Preload screw only enough to remove all play from the headset, and ensure the bearings rotate freely (typically 1 to 2 N·m).
11. Tighten the stem to fork fixing screws to 5 N·m maximum.

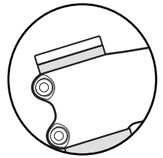
⚠ WARNING
Avoid breathing the dust created during cutting carbon composite materials.

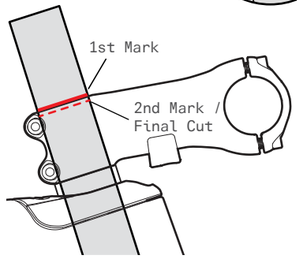
⚠ WARNING
Improper cutting of the steerer tube could cause a failure that may result in severe injury or death.

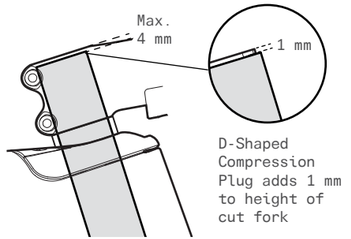
⚠ WARNING
Do not exceed 51 mm maximum total spacer height, including the Bearing Top Cap.

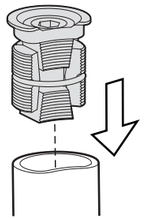


⚠ CAUTION
Do not exceed 5 mm total spacers above the stem.

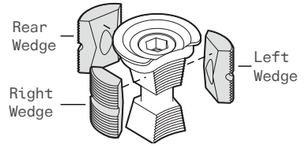






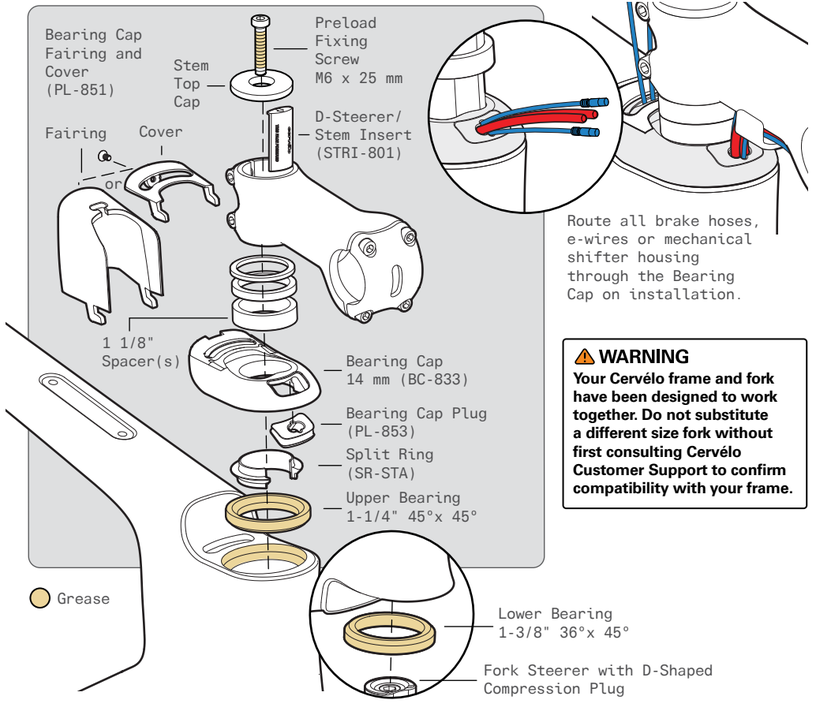


Install D-Shaped Compression Plug (FKI-CL005-517A) in fork steerer and lightly tighten. Torque to 8 N·m following stem and spacer installation.



⚠ CAUTION
The component parts of the compression plug are specific to the left and right sides of the bicycle. Re-assembling parts incorrectly may result in loss of preload in the system. Refer to the images shown for correct assembly.

⚠ WARNING
Do not torque Compression Plug past the recommended 8 N·m maximum. If the Compression Plug requires tightening past 8 N·m, please contact Cervélo Customer Support.



Route all brake hoses, e-wires or mechanical shifter housing through the Bearing Cap on installation.

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

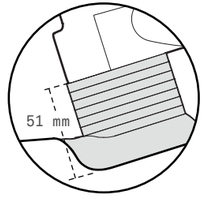
FORK PREPARATION AND INSTALLATION - WING EVO BASEBAR

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 basebar.
3. Apply the minimum pressure needed to ensure the assembly is fully seated. Mark the steerer tube at the top of the basebar.
4. Remove fork and clearly mark the fork steerer tube at a point 4 mm 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 D-Shaped Compression Plug and tighten to hold in place. Do not apply final torque until after the stem is installed.
7. Place Lower Bearing over the fork steerer and insert into the frame from the bottom of the head tube.
8. Install over the steerer in order: Upper Bearing, Split Ring, Bearing Top Cap, Spacers **(minimum one 5 mm spacer is always required)**, and Basebar. Do not install the Stem Top Cap.
9. Tighten the Compression Plug to 8 N·m using a torque wrench.
10. Install the Stem Top Cap and Preload Fixing Screw into the steerer . Tighten the Preload screw only enough to remove all play from the headset, and ensure the bearings rotate freely (typically 1 to 2 N·m).
11. Tighten the stem to fork fixing screws to 5 N·m maximum.
12. Snap fit the Top Stem Cover to finish.

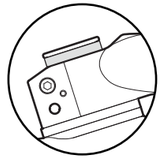
⚠ WARNING
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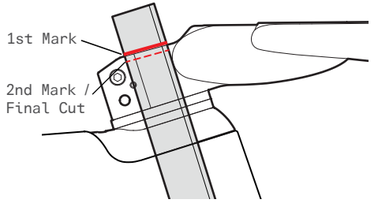
⚠ WARNING
Improper cutting of the steerer tube could cause a failure that may result in severe injury or death.

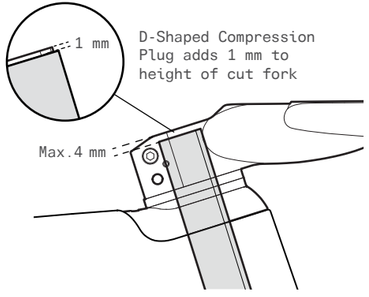
⚠ WARNING
Do not exceed 51 mm maximum total spacer height, including the Bearing Top Cap.

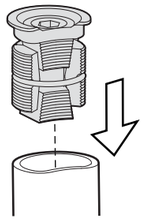


⚠ CAUTION
Do not exceed 5 mm total spacers above the Basebar.

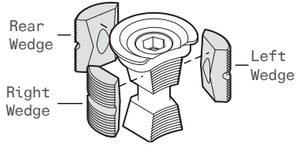






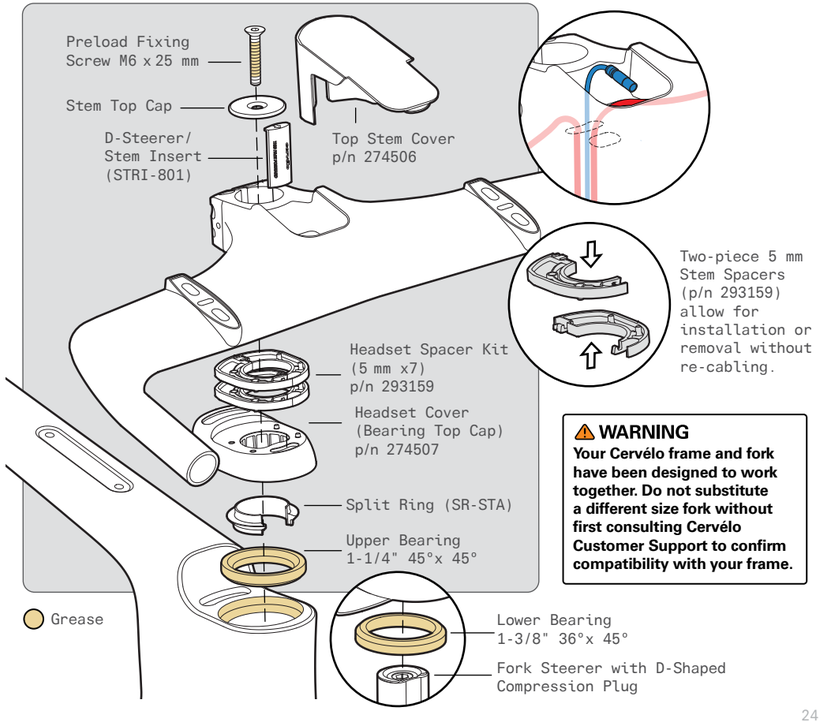


Install D-Shaped Compression Plug (FKI-CL005-517A) in fork steerer and lightly tighten. Torque to 8 N·m following stem and spacer installation.



⚠ CAUTION
The component parts of the compression plug are specific to the left and right sides of the bicycle. Re-assembling parts incorrectly may result in loss of preload in the system. Refer to the images shown for correct assembly.

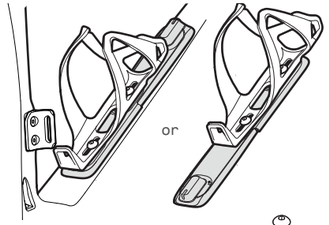
⚠ WARNING
Do not torque Compression Plug past the recommended 8 N·m maximum. If the Compression Plug requires tightening past 8 N·m, please contact Cervélo Customer Support.



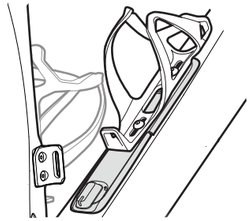
⚠ WARNING
Your Cervélo frame and fork have been designed to work together. Do not substitute a different size fork without first consulting Cervélo Customer Support to confirm compatibility with your frame.

SB05A IN-FRAME STORAGE DOOR

1. Single bottle cage: Storage Door can be oriented in either the low or high bottle cage position.

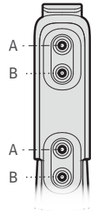


2. Dual bottle cages: Storage Door must be oriented in the high bottle cage position.

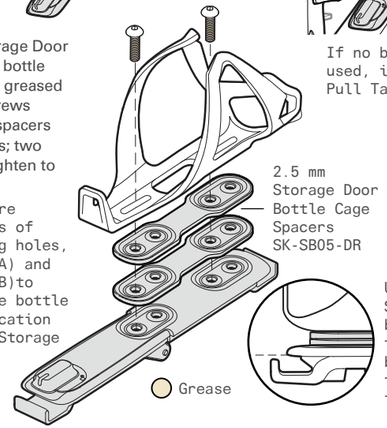


⚠ CAUTION
Not all bottle cages are compatible with the SB05A Storage Door. If the chosen bottle cage installed with up to two SB05A 2.5 mm spacers contacts the down tube during Storage Door removal, that bottle cage may be considered incompatible with the Storage Door. Using an incompatible bottle cage may put the bottle cage, the frame (including paint), or the Storage Door at risk of damage, and may prevent the Storage Door from being removed from the frame.

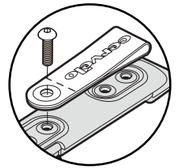
Choose preferred Storage Door orientation and install bottle cage using two lightly greased M5 x 16 mm fixing screws and optional 2.5 mm spacers for clearance purposes; two spacers maximum. Tighten to 2-3 N·m.



There are two sets of mounting holes, Upper (A) and Lower (B) to fine tune bottle cage location on the Storage Door.



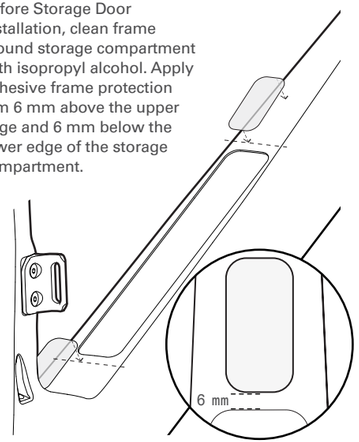
If no bottle cage is to be used, install the Storage Door Pull Tab. Tighten to 2-3 N·m.



2.5 mm Storage Door Bottle Cage Spacers SK-SB05-DR

Use up to a maximum of two SB05A spacers between the bottle cage and Storage Door to avoid any interference between the bottle cage and the frame during Storage Door installation or removal.

Before Storage Door installation, clean frame around storage compartment with isopropyl alcohol. Apply adhesive frame protection film 6 mm above the upper edge and 6 mm below the lower edge of the storage compartment.



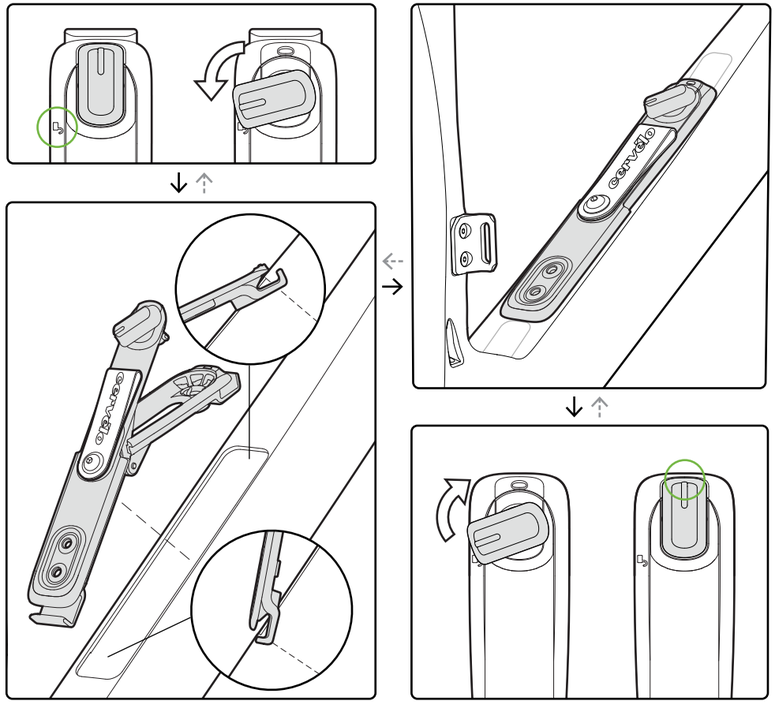
Installation

1. Turn latch towards the unlock icon and fold open the Storage Door.
2. Insert upper hooked end of the Storage Door into the down tube storage compartment and slide upwards.
3. Insert lower hooked end into the down tube storage compartment and press down on the Storage Door until it clicks into place.
4. Finish by rotating the latch back to the top to lock.

Removal

1. Turn latch towards the unlock icon.
2. If no bottle cage is mounted to the Storage Door, use the Pull Tab handle to pull upwards and remove the Storage Door from the frame.
3. If a bottle cage is installed, the cage can be used instead of the Pull Tab to removed the Storage Door.

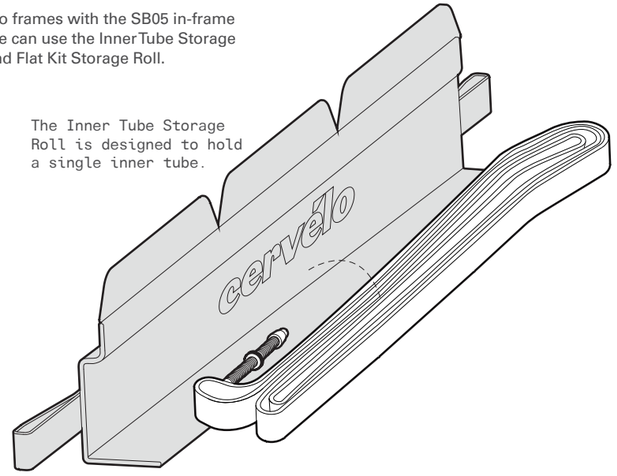
⚠ CAUTION
Do not attempt to remove the Storage Door without using the included Pull Tab or a bottle cage. The edges of the Storage Door can be sharp and result in injury when attempting to pry the Door from the frame.



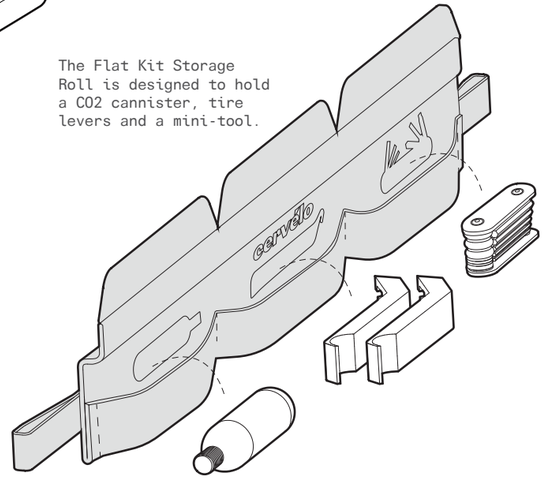
SB05 IN-FRAME STORAGE ROLLS

Cervélo frames with the SB05 in-frame storage can use the InnerTube Storage Roll and Flat Kit Storage Roll.

The Inner Tube Storage Roll is designed to hold a single inner tube.



The Flat Kit Storage Roll is designed to hold a CO2 cannister, tire levers and a mini-tool.

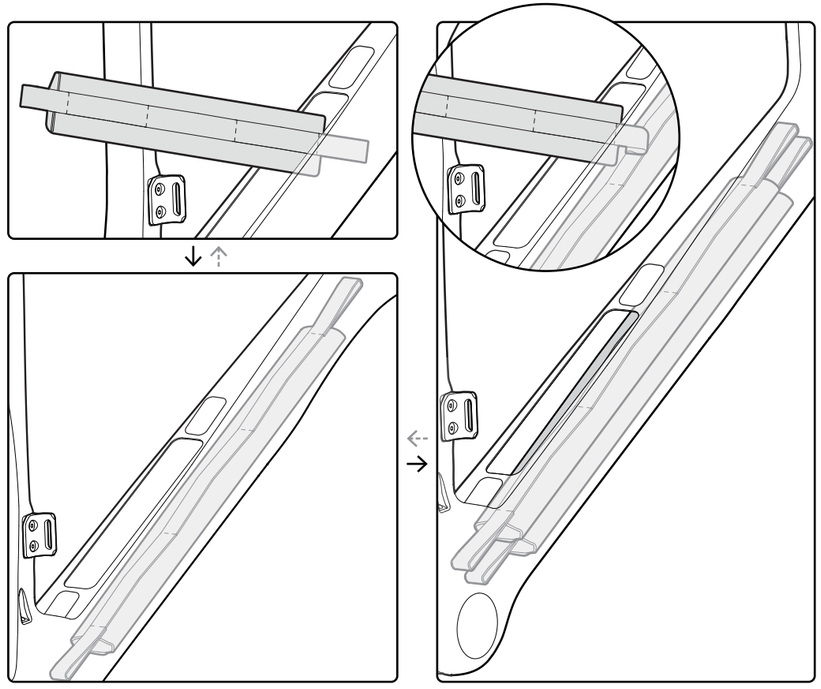


Installation

1. Remove Storage Door. Insert the first roll into storage compartment.
2. Position the first roll so that it lies flat in the down tube with the pull tag/handle side facing up.
3. Repeat the procedure to install the second storage roll. Reinstall the Storage Door.

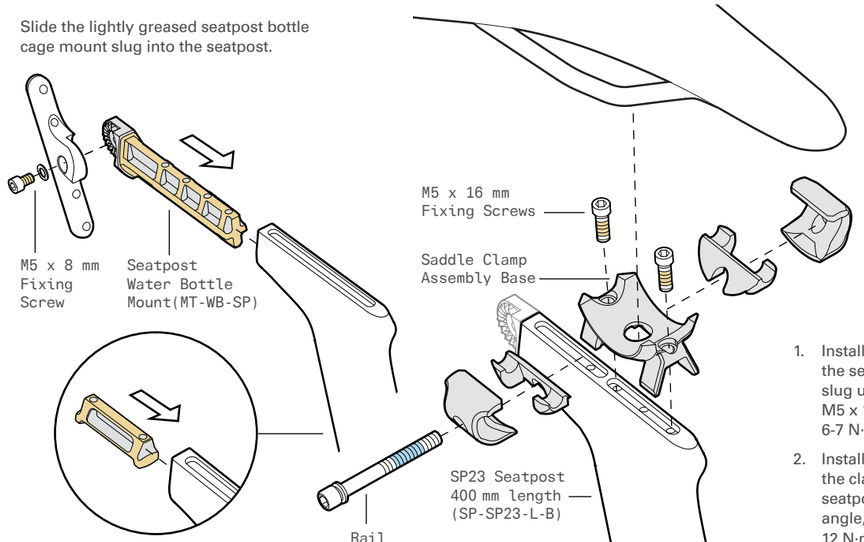
Removal

1. Remove Storage Door. Grab the first roll by its tag/ handle and remove from the storage compartment.
2. Repeat the procedure to remove the second storage roll. Reinstall the Storage Door.

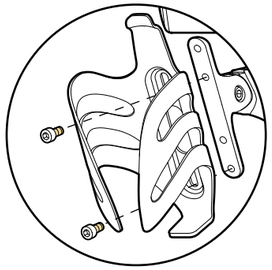


SP23 SEATPOST ASSEMBLY

Slide the lightly greased seatpost bottle cage mount slug into the seatpost.



If not using the bottle cage mount, use the alternate seatpost slug (SPS-SP2123).



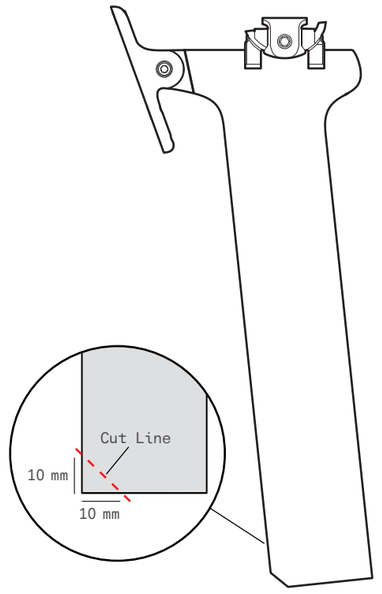
Attach water bottle cage using lightly greased M5 x 8 mm fixing screws. Torque to 2-3 N·m.

1. Install the Saddle Clamp Assembly Base on the seatpost, and connect to the seatpost slug underneath using lightly greased M5 x 16 mm fixing screws. Torque to 6-7 N·m.
2. Install the M6 x 55 Rail Binder Bolt through the clamps to secure the saddle rails to the seatpost. Determine the desired saddle angle, and torque the Rail Binder Bolt to 12 N·m.
3. If the Seatpost Water Bottle Mount is being used, determine the desired water bottle mount angle, and attach to the seatpost slug using the M5 x 8 mm fixing screw. Torque to 4 N·m.

SEATPOST CUTTING INSTRUCTIONS

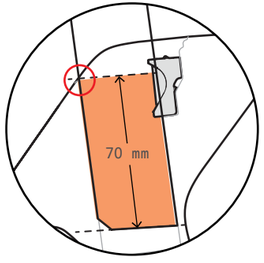
Note: It is essential that all Cervélo Aero Seatposts have a 45 degree chamfer cut on the trailing edge of the post. If trimming is required after fitting, the following method is recommended.

1. Taking care to maintain the minimum required seatpost insertion of 70 mm, carefully measure and use a light-colored grease pencil to accurately mark the cut-off location on the seatpost.
2. Insert the Seatpost in the ParkTool SG-7.2 Saw Guide (or equivalent) so that the cut-off line can be seen clearly through the blade guide in the tool.
3. Using a blade designed specifically for cutting carbon composite materials (or a fine tooth blade with greater than 32 teeth per inch); proceed with cutting the Seatpost (as per ParkTool's instructions).
4. Use fine grit sandpaper to carefully remove any fraying or burring from the cut end. Reposition clamp approximately 10 cm from the cut end.
5. With a grease pencil, mark a point 10 mm from the cut end on the trailing edge of the Seatpost, and another 10 mm from the back, on the bottom edge. Draw a line connecting them, forming a 45 degree guideline.
6. Placing the blade of your saw on the grease pencil mark, very carefully proceed to cut, resulting in a 45 degree chamfer being cut onto the trailing edge of the Seatpost.
7. Carefully sand the end and after applying carbon assembly compound, return to the frame.



⚠ WARNING
If trimming is required, final length should allow for a minimum 70 mm of seatpost remaining in the frame. Failure to meet this requirement, may result in damage to the frame not covered by warranty policy, or serious injury and/or death.

⚠ WARNING
Avoid breathing the dust created during cutting carbon materials. To prevent inhaling the dust, wear a safety mask or other personal protective equipment.



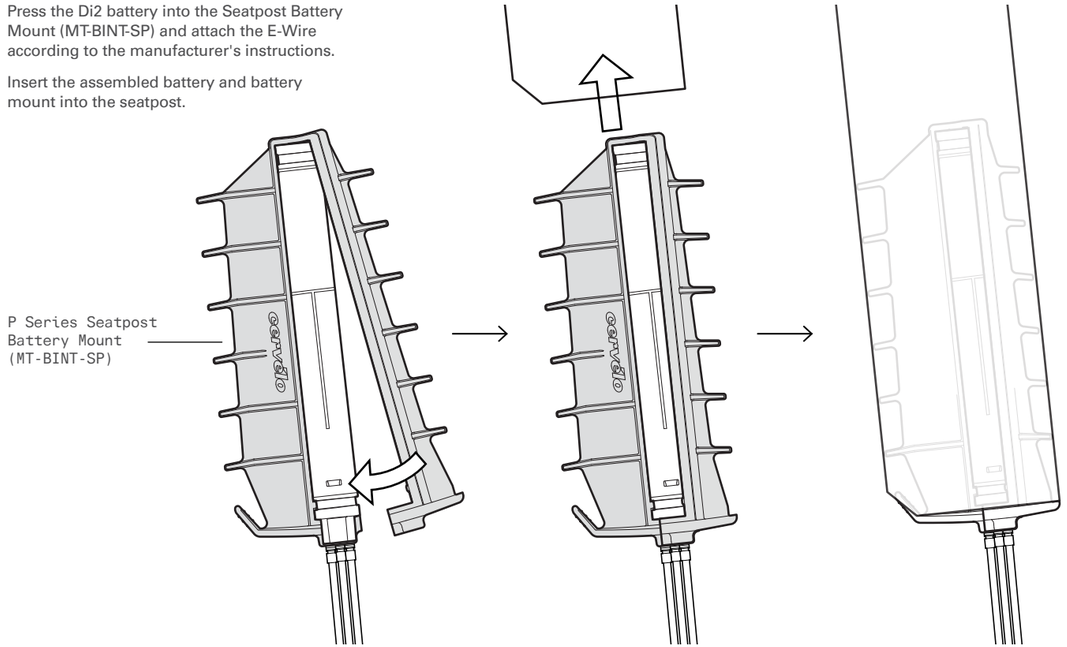
The minimum seatpost insertion measurement of 70 mm should be taken from the rear edge of the frame/seatpost interface.

Carbon Assembly Compound

SEATPOST DI2 BATTERY INSTALLATION

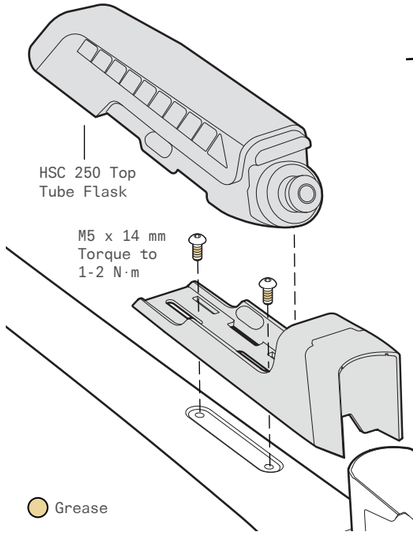
Press the Di2 battery into the Seatpost Battery Mount (MT-BINT-SP) and attach the E-Wire according to the manufacturer's instructions.

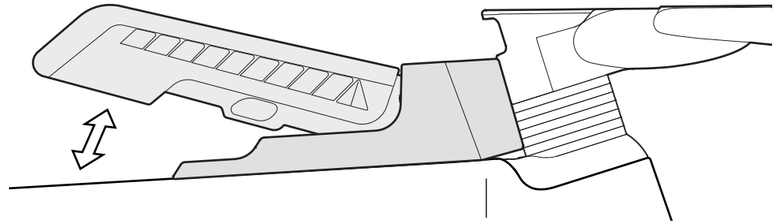
Insert the assembled battery and battery mount into the seatpost.

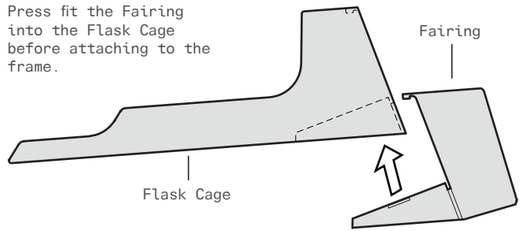


PROFILE DESIGN TOP TUBE FLASK

To install the flask in the cage, push the nozzle into the cage front then push the flask down. To remove, lift the back of the flask and pull away from the cage.

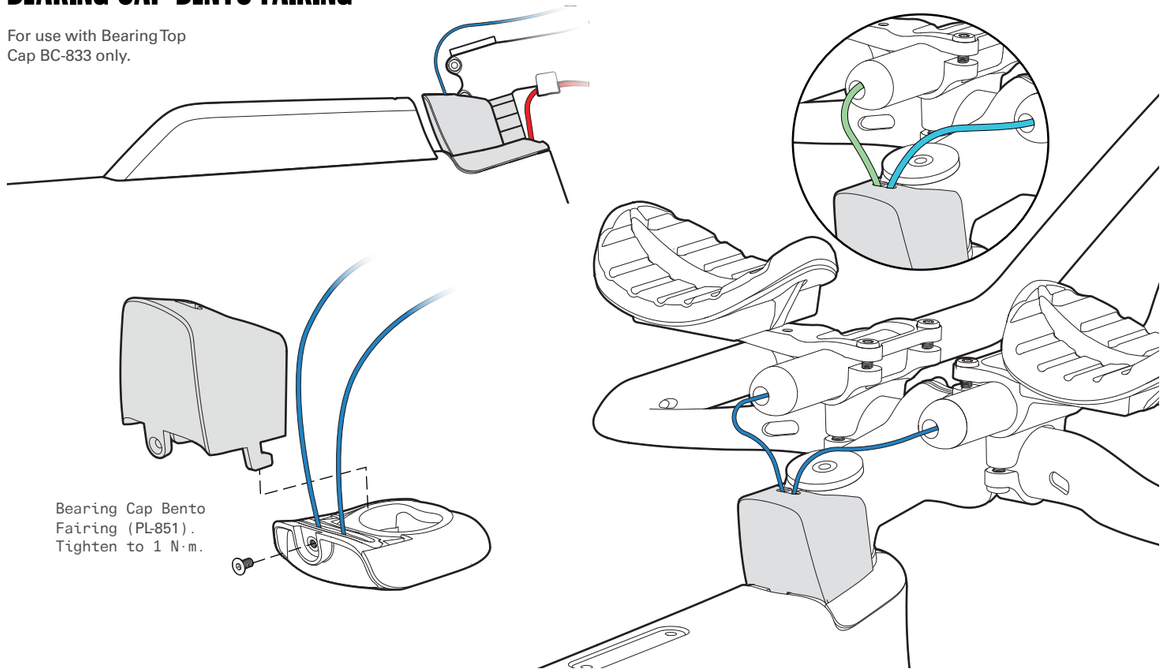




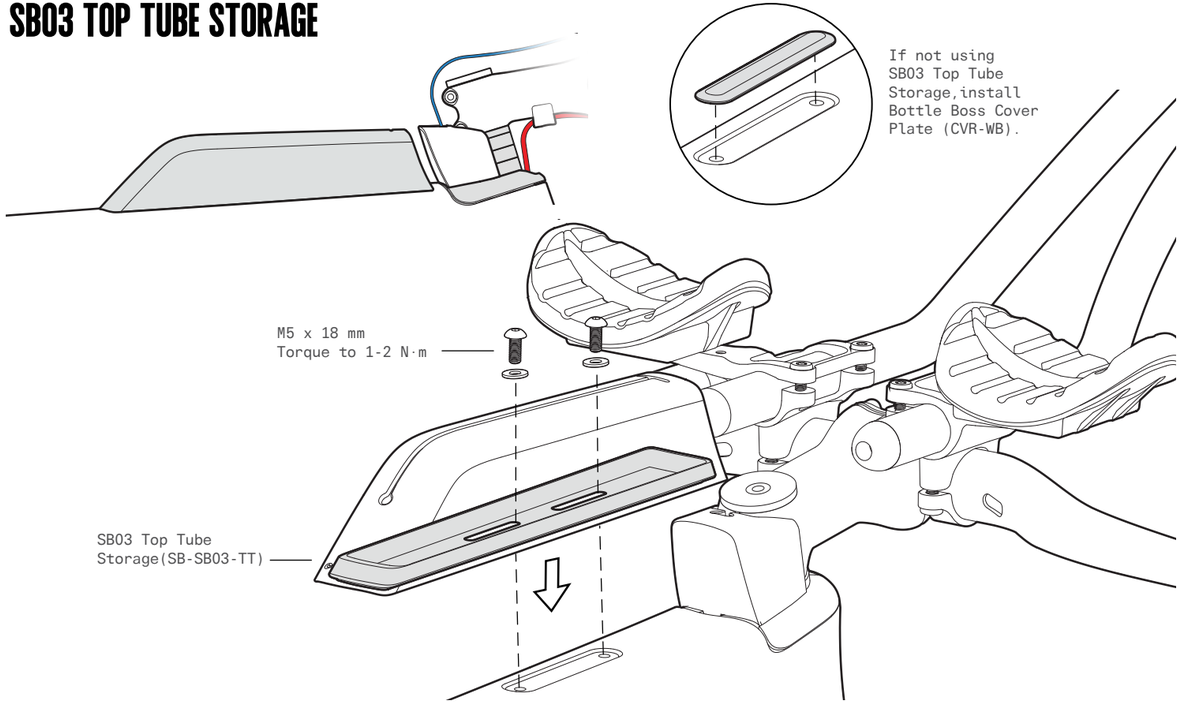


BEARING CAP BENTO FAIRING

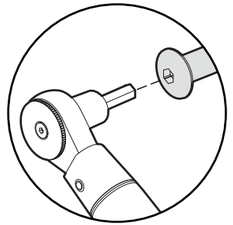
For use with Bearing Top Cap BC-833 only.



SB03 TOP TUBE STORAGE

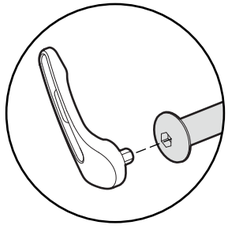


AERO THRU-AXLE INSTALLATION

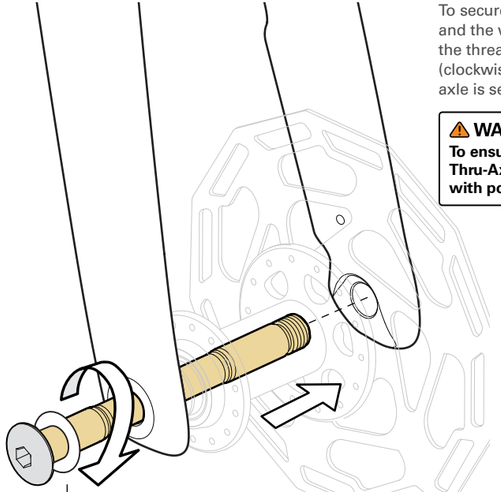


6 mm Allen key /
torque wrench

or



Cervélo Aero
Thru-Axle with
Removable Handle
(QRA-AERO2-F &
QRA-AERO2-R)



Ensure thru-axle
washer is present
for installation.

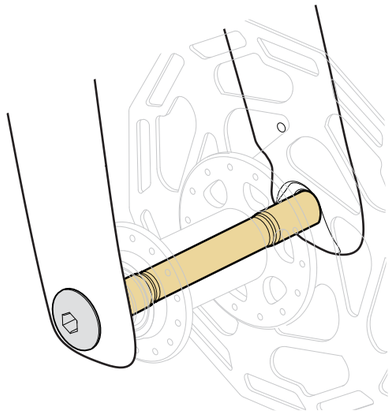
Tighten front axle
to 12-15 N·m.

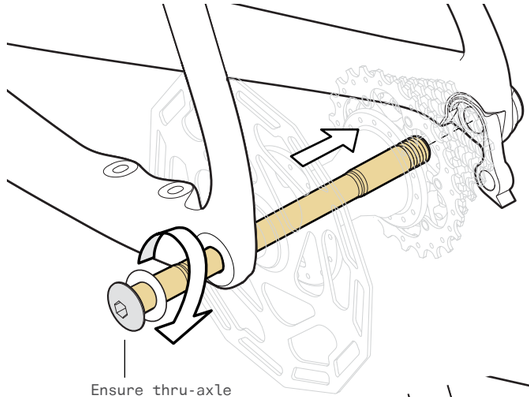
Grease

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 (clockwise) into the threaded component of the insert until the axle is secured tightly to 12- 15 N·m.

⚠ 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 and/or death to the rider.

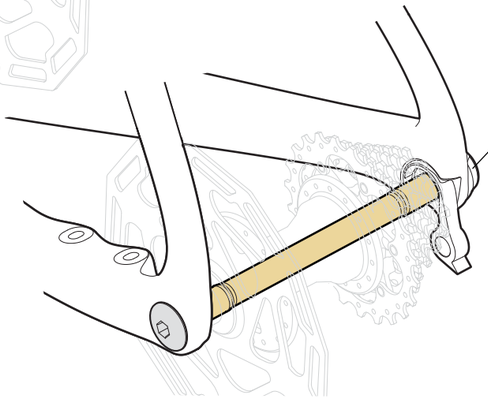


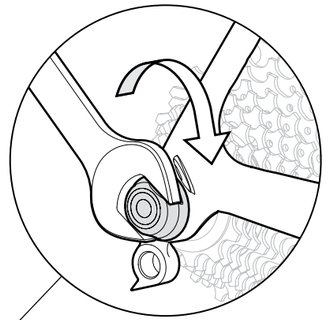


Ensure thru-axle
washer is present
for installation.

Tighten front axle
to 12-15 N·m.

Grease





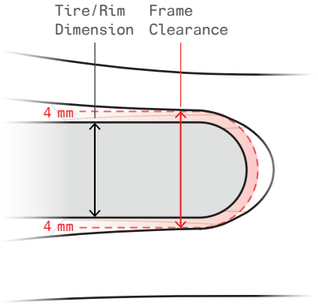
Perform final tightening on
Rear Derailleur Hanger Nut
using a 17 mm wrench. Torque
to 12-15 N·m. This action is
unique to initial assembly,and
should not require additional
adjustment.

TIRE CLEARANCE AND PRESSURE

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 4 mm 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.

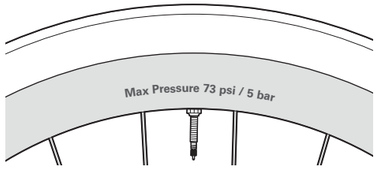
1. Measure the space between the chainstays at the bottom bracket junction.
2. Measure the space between the seatstays at the top of the tire.
3. Using the smaller of those two numbers (Frame Clearance), subtract 8 mm (4 mm per side) to determine the maximum Allowable Tire/Rim Dimension.
4. With the tire installed and fully inflated on your wheel, measure the greater of the rim or tire width and ensure it is less than the calculated Allowable Tire/Rim Dimension 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.

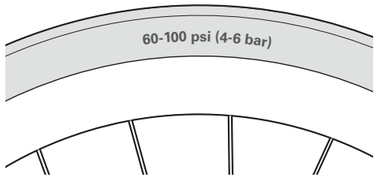


⚠ WARNING
In the event of a puncture, stop as quickly as possible and change the wheel or repair the puncture where feasible. Punctured tires can lose pressure rapidly, and riding on a punctured tire can cause you to lose control and fall.

⚠ WARNING
A tire should not be inflated beyond the lower of the maximum inflation pressures marked on the tire sidewall and on the wheel rim that correspond to your wheel setup (tubed or tubeless). The lower of these pressures defines the safe maximum inflation pressure limit for this system when properly assembled. Exceeding the safe inflation pressure may blow the tire off the rim, which could cause damage to the bike and injury to the rider and bystanders.



Maximum pressure on rim



Maximum pressure on tire

INTENDED USE OF THE P-SERIES BICYCLE

⚠ WARNING
Understand your bike and its intended use. Choosing the wrong bicycle for your purpose can be hazardous. Using your bike the wrong way is dangerous.

No one type of bicycle is suited for all purposes. Your retailer can help you pick the "right tool for the job" and help you understand its limitations. There are many types of bicycles and many variations within each type. There are many types of mountain, road, racing, hybrid, touring, cyclocross and tandem bicycles. There are also bicycles that mix features. For example, there are road/racing bikes with triple cranks. These bikes have the low gearing of a touring bike, the quick handling of a racing bike, but are not well suited for carrying heavy loads on a tour. For that purpose you want a touring bike.

Within each of type of bicycle, one can optimize for certain purposes. Visit your bicycle shop and find someone with expertise in the area that interests you. Do your own homework. Seemingly small changes such as the choice of tires can improve or diminish the performance of a bicycle for a certain purpose.

NOTE: Usage conditions are generalized and evolving. Consult your retailer or Cervélo Customer Service about how you intend to use your bike.

NOTE: Cervélo bicycles are tested to a maximum combined bicycle/rider/luggage weight of 100 kg. Components have different weight limits, and if replaced can alter the maximum safe bike weight limit. Consult your retailer or Cervélo Customer Service about what components are appropriate for your bicycle.

Maximum Weight Limit - Cervélo P-Series

Rider	194 lbs	88 kg
Gear*	11 lbs	5 kg
Total	**220.5 lbs**	**100 kg**

*Seat bag / water bottles / bento bag / handlebar bottle / storage mounts only

High-Performance Road - Condition 1

Bikes designed for riding on a paved surface where the tires do not lose ground contact.

Intended To be ridden on paved roads only.

Not Intended For off-road, cyclocross, touring with racks or panniers, or mounting child seats or trailers.

Trade-Off Material use is optimized to deliver both light weight and specific performance. You must understand that (1) these types of bikes are intended to give an aggressive racer or competitive cyclist a performance advantage over a relatively short product life, (2) a less aggressive rider will enjoy longer frame life, (3) you are choosing light weight (shorter frame life) over more frame weight and a longer frame life, (4) you are choosing light weight over more dent resistant or rugged frames that weigh more. All frames that are very light need frequent inspection. These frames are likely to be damaged or broken in a crash. They are not designed to take abuse or be a rugged workhorse.

P-SERIES TORQUE SPECIFICATIONS

Correct tightening torque of threaded fasteners is crucial to your safety. Always tighten fasteners to the correct torque. In case of a conflict between the instructions in this manual and those provided by a component manufacturer, consult with your retailer or with Cervélo Customer Service for clarification. Fasteners that are too tight can stretch and deform. Fasteners that are too loose can move and fatigue. Either mistake can lead to a sudden failure of the fastener.

Use only a correctly calibrated torque wrench to tighten critical fasteners on your bike. Carefully follow the torque wrench manufacturer's instructions on how to set and use the tool for accurate results. Ensure you read all relevant documentation and have the correct tools prior to attempting any adjustments yourself. It is recommended that you permit your retailer to perform the following adjustments, as they have the proper tools and experience to ensure it is done correctly.

Prior to assembling and tightening any bolts, all threads must be generously greased with a quality, non-lithium type grease (ParkTool HPG-1 or equivalent) unless the bolt is pre-coated with Loctite® thread locker. **All bolts should have either grease or threadlocker - but never both.** Torque wrenches with scale appropriate for the particular torque setting are strongly recommended for tightening all threaded fasteners.

Cervélo strongly recommends the use of carbon assembly compound/friction paste (Dynamic Assembly Compound Carbon or equivalent) for all areas of clamping to carbon fiber, such as the seatpost to frame, the stem to fork, and the handlebar to stem joints. Benefits to using this paste include reduced corrosion potential, and a decrease in required clamping force needed to support a given load. The paste should be evenly spread on the carbon surface under the clamped area, and the applicable bolt tightened as per the following recommendations.

⚠ WARNING

In case of a disagreement or a conflict between the following list and any supplier literature on recommended torque values for original equipment components, please contact Cervélo Customer Support for review and clarification of the required torque prior to installation.

Component	Torque(N·m)	Notes
Frame & Fork		
Front derailleur mount	3 N·m	Apply Loctite 243 to fixing screws if not already present
Bottom bracket - Press-fit	35 to 50 N·m	Clean and grease the inside of the BB shell in the frame. Grease the outside of the BB cups. Using a BB Press tool, press the non-drive side (NDS) cup into the NDS side of the frame until flush. Fit the DS cup into the drive side of the frame and press in by hand until it contacts the NDS cup. Using a torque wrench tighten the DS cup of the BB until it is flush to the frame.
Rear derailleur hanger fixing nut	12 to 15 N·m	Grease the RDH threads and install on the dropout with the fixing nut finger tight. Install the rear axle and tighten 2 turns to align. Tighten the RDH fixing nut to torque spec.
Water bottle cage bolts	2 N·m	Lightly grease the fixing screws.
Top tube storage	1 to 2 N·m	Lightly grease the fixing screws.

Component	Torque(N·m)	Notes
Frame & Fork		
Fork steerer compression plug	8 N·m	Lightly grease the fixing screw and tighten to recommended torque
Stem/Basebar		
Stem to fork steerer tube	5 N·m	Apply Loctite 243 to the fixing screws, then evenly and alternately tighten to recommended torque.
Stem to alloy handlebar	6 N·m	Apply Loctite 243 to the fixing screws, then evenly and alternately tighten to recommended torque.
Basebar to fork steerer tube	5 N·m	Apply Loctite 243 to the fixing screws, then evenly and alternately tighten to recommended torque.
Handlebar		
Brake levers (to handlebar)	6 to 8 N·m	Refer to manufacturer's instructions.
Accessory mount - front	2 N·m	Lightly grease the fixing screws.
Extension mounts to basebar	6 N·m	Refer to manufacturer's instructions.
Extensions to extension mounts	5 to 6 N·m	Refer to manufacturer's instructions.
Seatpost Clamp (frame to seatpost)		
Wedge clamp - rounded (front)	8 N·m	Use carbon assembly compound between the seatpost and the frame.
Saddle Clamp (seatpost head bolts) - Aero Tri/TT		
Saddle clamp assembly base to seatpost slug	6 to 7 N·m	Lightly grease bolt threads.
Saddle clamp bolt (rail binder bolt)	12 N·m	Lightly grease bolt threads.
Seatpost bottle cage mount (to seatpost slug)	4 N·m	
Bottle cage to seatpost mount	2 to 3 N·m	Lightly grease bolt threads.
Wheels		
Cervélo aero thru-axle with removable handle	12 to 15 N·m	Requires the use of a 6 mm allen key type wrench or Removable handle.
Other		
SB05A Storage Door water bottle cage bolts	2 to 3 N·m	Lightly grease the fixing screws.
Pedals	25 to 35 N·m	Refer to manufacturer's instructions.

P-SERIES FRAME DETAILS

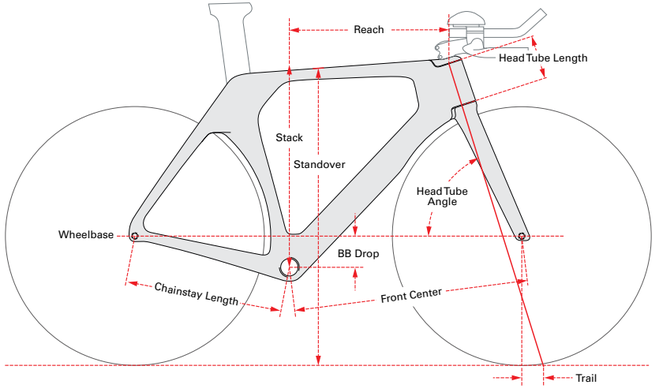
P-Series (FM156)	
Bike Name	P-Series
Model Year	2025
Serial Number Code	SN156
Frame Code	FM156
Fork Code	FK156
Brake Mount Type	Flat Mount Disc
Chainstay Height (Flat Mount)	30 mm
Frame Sizes	48/51/54/56/58/61
Wheel Size	700c
BB Type	BBright
Headset Type	Integrated 1-1/4" x 1-3/8"
Maximum Chainring Size 1x	68t with a 45 mm chainline
Maximum Chainring Size 2x	57t with a 44.5 mm or 45 mm chainline

P-Series (FM156)	
Upper Headset Bearing Dimensions	1-1/4", 34 x 46.8 x 7, 45° x 45°
Lower Headset Bearing Dimensions	1-3/8", 37 x 48.9 x 6.5, 36° x 45°
Seatpost	SP-SP23-L-B
Seatpost Clamp	SPC-0E0P
RD Hanger	DRH-WMN112
RD Hanger (Shimano DM)	DRH-SDM
FD Hanger	FDM-0E0
Front Axle Dimensions	127 mm Length, M12 x 1.5, 11 mm Thread Length, for 100 x 12 spacing
Rear Axle Dimensions	170.5 mm Length, M12 x 1.75, 12 mm Thread Length, for 142 x 12 spacing
Maximum Tire Width (Actual)	34 mm with 4 mm clearance*

* Tire measurements shall be taken at the widest point of the tire when it is installed on the rim and inflated. 4 mm of distance is required between the tire and any frame or fork element.

P-SERIES FRAME GEOMETRY

P-Series (FM156)	48 cm	51 cm	54 cm	56 cm	58 cm	61 cm
Reach | mm	378	395	409	422	434	443
Stack | mm	494	515	531	549	569	587
Bottom Bracket Drop | mm	80	80	80	80	80	80
Chainstay Length | mm	405	405	405	405	405	405
Head Tube Angle	71°	72.5°	72.5°	72.5°	72.5°	72.5°
Fork Offset | mm	52	43	43	43	43	43
Front Center | mm	581	583	602	620	638	653
Head Tube Length | mm	87.8	101.7	118.4	137.3	158.3	177.2
Wheelbase | mm	973	974	993	1012	1030	1045
Standover Height | mm	734	755	770	787	806	823



MECHANICAL SAFETY CHECK

NOTE: Cervélo recommends that you bring your new bicycle to your authorized retailer after 30 to 60 days of use for an initial service inspection. This is an important service to address components that have been broken in, stretched, or seated themselves, which is a normal occurrence in all new bicycles. The first service will make the required adjustments to enhance the safety, performance, and durability of your Cervélo bicycle over the long haul.

Before Every Ride:

1. Check the frame and fork for signs of stress: scratches, cracks, dents, deformation, or discoloration. Inspect the chainstay protector and ensure it is correctly and securely attached.
2. Check that the front wheel is securely mounted to the fork, and the rear wheel to the frame.
3. Check that the wheels spin straight through the fork and frame rear triangle. Wheels should spin freely and without brake rub.
4. Check the tire pressure is in the recommended range for the tire and rim.
5. Check the brakes, including brake levers, calipers, rotors, brake pads, and brake lines. Verify that the attachment bolts are correctly tightened. Squeeze the brake levers to verify the calipers close and prevent the bike from rolling forward or backwards. The brake levers should not contact the handlebars even at full force.
6. Check that the handlebar and stem are correctly positioned and aligned relative to the front wheel. Check that the stem bolts are correctly tightened. Inspect for signs of stress: scratches, cracks, dents, deformities, and discoloration.
7. Check that the lighting system and reflectors are in good working order.
8. Check that the saddle and seatpost are correctly positioned and tightened. The saddle should be aligned with the top tube of the frame.
9. Check for smooth shifting operation, and adjust if needed.
10. Check that the pedals and shoes are free of debris that can interfere with the retention system.
11. Lubricate the chain using a good quality chain lube (ParkTool CL-1 or equivalent).

Every Week (~100 miles):

1. Check that all bolts are tightened to proper torque specifications. Make sure to include pedals and any accessories.
2. Check the rims for signs damage, and check for any loose spokes.
3. Clean the bicycle. Do not use a high-pressure washer, or harsh chemical cleaners or solvents. Do not use compressed air to dry. Avoid direct spray into head tube, bottom bracket, or wheel bearings.
4. Check the tires for damage and wear to verify they are in good condition.
5. Check the battery level in any electronic drivetrain or accessory components.

Every Month (~400 miles):

1. Check the shifter and brake cables/hoses for wear, leaks, fraying, rust, or other damage.
2. Check that no cables are pulled or caught on other parts in normal operation.
3. Check that the bottom bracket is tightened to the proper torque specification, and there is no friction, noise, or play in the crankarms when rotated. Adjust or overhaul if needed- consult your retailer.
4. Check that the headset is adjusted correctly, with no play when the front brake is locked. Adjust or overhaul if needed- consult your retailer.
5. Check that the chain is tensioned correctly. Inspect the chain for broken parts, kinks, or rust.
6. Check that the brake pads are not worn (replace if thinner than 1 mm).
7. Check the chainstay guard protector for wear.
8. Check the wheel hubs for smooth operation (not loose or grinding). Adjust or overhaul if needed- consult your retailer.

Every 3 Months (~1500 miles):

1. Inspect the drivetrain components for damage or wear.
2. Inspect the crank arms and pedals to ensure they are tight, with no movement or play. Look for signs of wear or damage.
3. Check tire sealant levels (if running tubeless setup) and replace if dried or thinner than 1 mm.
4. Check the chainstay protector for wear.

Every Year (~6000 miles):

1. Perform an annual service at your retailer: overhaul service and inspection of frame and all other components.
2. Repair, service, and/or replace parts as needed.
3. Clean and lubricate all parts as recommended by your component manufacturer's instructions or consult your retailer.
4. Check for service instructions and intervals for your bicycle at www.cervelo.com
5. Perform brake bleed overhaul as directed by the component manufacturer.

⚠ WARNING

Have your bicycle inspected by a professional bicycle mechanic any time you have a crash or accident to make sure it is safe to ride. Riding a bicycle with damage can be hazardous and may lead to serious injury and/or death.

NOTE: This section provides guidelines to ensure safe operation of your bicycle, but it should not be considered a complete safety inspection. Following these guidelines will help maintain the performance of your bicycle, and help to prevent more serious problems from occurring.

For service instructions for your specific components, please visit the manufacturer's website. If you detect any problems with your bike, and you are not able to repair them, take your bike to your authorized Cervélo retailer for service. It is important to remember that service intervals can vary depending on climate, trail conditions, and riding frequency.

CERVÉLO CUSTOMER SUPPORT

Contacting Customer Support
Visit www.cervelo.com/contact-us to submit a question to Cervélo or for service and maintenance support.

Product Registration
Visit www.cervelo.com/support/registration to register your Cervélo bicycle through your MyCervélo account.

Manuals
Visit www.cervelo.com/product-manuals for additional information on Cervélo products.

Warranty
Visit www.cervelo.com/warranty for information on Cervélo's warranty policy.

2027 P-SERIES RETAILER ASSEMBLY MANUAL

CER-PSF-V2 2026-06-01

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