



Valid for MY2022 Gallium CS Disc 362A/B
Revision 0.0 - 30.04.2022



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My Gallium CS Disc

Date of purchase: _____

Retailer: _____

Size: _____

Serial Number: _____

To maintain the validity of your warranty, the bicycle must be fully assembled by an authorized Argon 18 dealer. High-end components, particularly carbon parts, need extra care when assembled. These components must be installed using a calibrated torque wrench to make sure every bolt is at the right torque setting to prevent damage.

**Tools needed for assembly:**

- 1: Bearing Cup Press (Park Tool HHP-2)
- 2: Allen Key Set
- 3: Grease
- 4: Utility Pick Set (Park Tool Item #UP-SET)
- 5: Clean Rags
- 6: Derailleur Hanger Alignment Gauge (Park Tool Item #DAG-2 or #DAG-2.2)
- 7: Cables and Housing Cutter
- 8: Carbon Paste
- 9: Loctite #242
- 10: Torque Wrench

**First Aid Kit: Essential parts to always have on hand
IN CASE OF EMERGENCY...THIS MIGHT SAVE YOUR RIDE!**

- 1: Spare rear derailleur hanger assembly
- 2: Seat post collar





BEFORE ASSEMBLING YOUR NEW GALLIUM CS DISC, PLEASE :

1. Check your parts against the frameset parts checklist (see p.5-6)
2. Inspect the frame for cosmetic defects (scratches, bumps, cracks, paint defects, etc.)
3. Record serial number on p.2 for reference.
4. Make sure you have all the necessary bolts (refer to frameset parts, p.5-6)
5. For optimal shifting performance, use a derailleur alignment gauge to make sure that the derailleur hanger is straight.

Some of the following parts are already assembled on the frame. When assembling the bike, you will need to adjust these parts according to their torque specifications and fastener conditions when necessary.

No.	A18 SKU#	Function	Description	Screw Type	Torque	Detail	Qty
1	38884	Water bottle mount screw	M5 x 16mm Screw	Socket head	3 Nm	Grease	4
2	80802*	Rear derailleur hanger screw	M4 x 12mm Screw	Flat head	2 Nm	Loctite	1
3	80546*	Seat post collar screw	M5 x 22mm Screw	Socket head	4 Nm	Grease	1
4	81052	Front Thru Axle	M12 x 1.5 x 119mm Axle	-	10 Nm	Grease	1
5	81052	Front Thru Axle	M12 x 1.5 x 161mm Axle	-	10 Nm	Grease	1
* Included With							



SPECIFICATIONS

Brakes

Use only flat mount hydraulic disc brakes. The frame and fork are compatible with either 140mm or 160mm disc rotors. Adapters might be required, consult brake manufacturer.

- Rear mount thickness: 30mm, consult brake manufacturer for bolt length

Axles

Thru-axles 12mm x 1.5mm, with one (1) removable handle. Axles are included with frameset.

Front length : 119mm

Rear length : 161mm

Tire Clearance

Up to 28c (30mm) tire clearance.

Seat Post

27.2mm (available separately)

Seat Post Clamp

30.7mm

Bottom Bracket

BB86 (Press-fit)

Headset

The headset is not supplied with the frameset. To choose a compatible one, please respect the following:

Bottom Bearing: MR127 - 1 1/2", 36° x 45° Stainless Steel

Top Bearing: MR127 - 1 1/2", 36° x 45° Stainless Steel *Some system may require a 1 1/2", 45° x 45° Top bearing

For more information on compatible models, consult the following document : Argon 18 - Internal routing compatibility



FK.GALLCS_D.XXS-S.362A
FK.GALLCS_D.M-XL.362A
FK.GALLCS_D.XXS-S.362B
FK.GALLCS_D.M-XL.362B

81052



80802



100156



80546



81053



80805



80985



80804



80811



81054



80551



80548



81242



100361



38884



100361





No.	Name	A18 SKU#	Qty
Parts included in the frameset			
1	GALLIUM CS DISC FRAME	NOT AVAILABLE AS SPARE PART	1
1.1	GALLIUM DISC, PRO DISC, CS DISC CHAIN SUCK GUARD	81276	1
2	Gallium CS Disc Fork (XXS/XS/S), 254mm steerer -OR- Gallium CS Disc Fork (M/L/XL), 302mm steerer	FK.GALLCS_D.XXS-S.362A FK.GALLCS_D.XXS-S.362B FK.GALLCS_D.M-XL.362A FK.GALLCS_D.M-XL.362B	1
3	REAR DERAILLER HANGER (INCL. HANGER, DROPOUT AND SCREW)	80802	1
4	SEATPOST COLLAR	80546	1
5	3D HEADSET SLEEVE, IST2	100156	1
6	3D HEADSET COLUMN 25, IST2	100361	1
7	OBLONG HYDRAULIC BRAKE HOUSING GROMMET	80551	1
8	LONG GROMMET Di2	80805	2
9	LONG GROMMET MECH	80985	2
10	LONG PLUG	80804	3
11	FD CABLE STOPPER	81242	1
12	WATER BOTTLE SCREW - M5 x 16mm	38884	4
13	BB COVER	80548	1
14	FOAM LINER	80811	1
15	A18 REAR THRU AXLE M12x161	81053	1
16	A18 FRONT THRU AXLE M12x119	81052	1
17	A18 THRU AXLE LEVER	81054	1
Optional parts available separately			
-	3D HEADSET COLUMN 15, IST2	100362	1
-	INTERNAL SEAT POST Di2 BATTERY SUPPORT	38446	1
-	DIRECT MOUNT REAR DERAILLER HANGER	80832	1

*Except for the frame itself, which is not sold as a spare part, all parts can be ordered by referring to their respective SKU number.



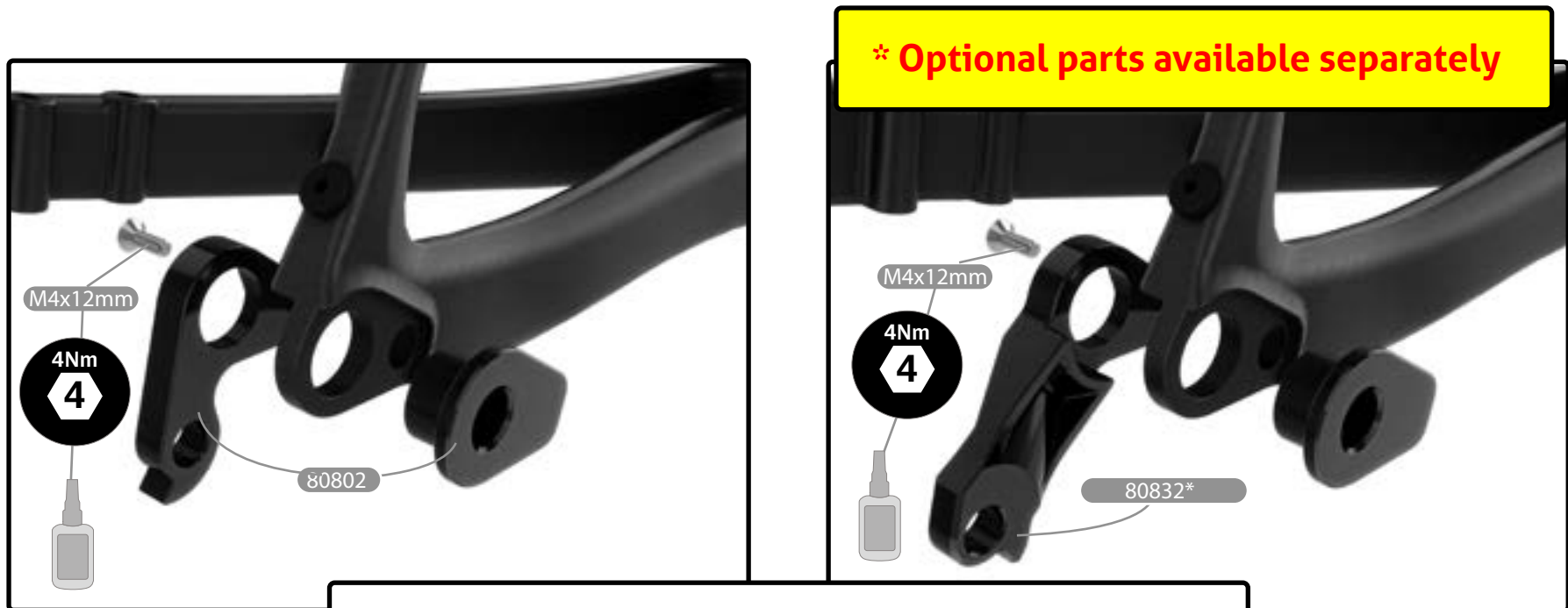
Assemble the seat post collar (80456) with the seat post (available separately). Apply carbon paste inside the seat tube and on the seat post where it inserts inside the frame. Apply grease on the threads of the M5x22mm socket head cap screw and tighten to 4 Nm.



*** Optional parts available separately for electronic shifting configurations**

The Di2 battery is hidden in the seatpost; use the **Di2 battery holder* (38446)** to install the battery correctly. Apply a slight amount of grease on both parts.





1. Select the correct rear derailleur hanger depending on the type of derailleur that you have.
 - Direct mount (80832) *available separately
 - Regular mount (80802)
2. Make sure to align the rear derailleur hanger.
3. Use a Derailleur Hanger Alignment Gauge like Park Tool Item #DAG-2.2.

For assistance, visit Park Tool's website:
www.parktool.com/product/derailleur-hanger-alignment-gauge-dag-2-2



*** Optional parts available separately**



100362

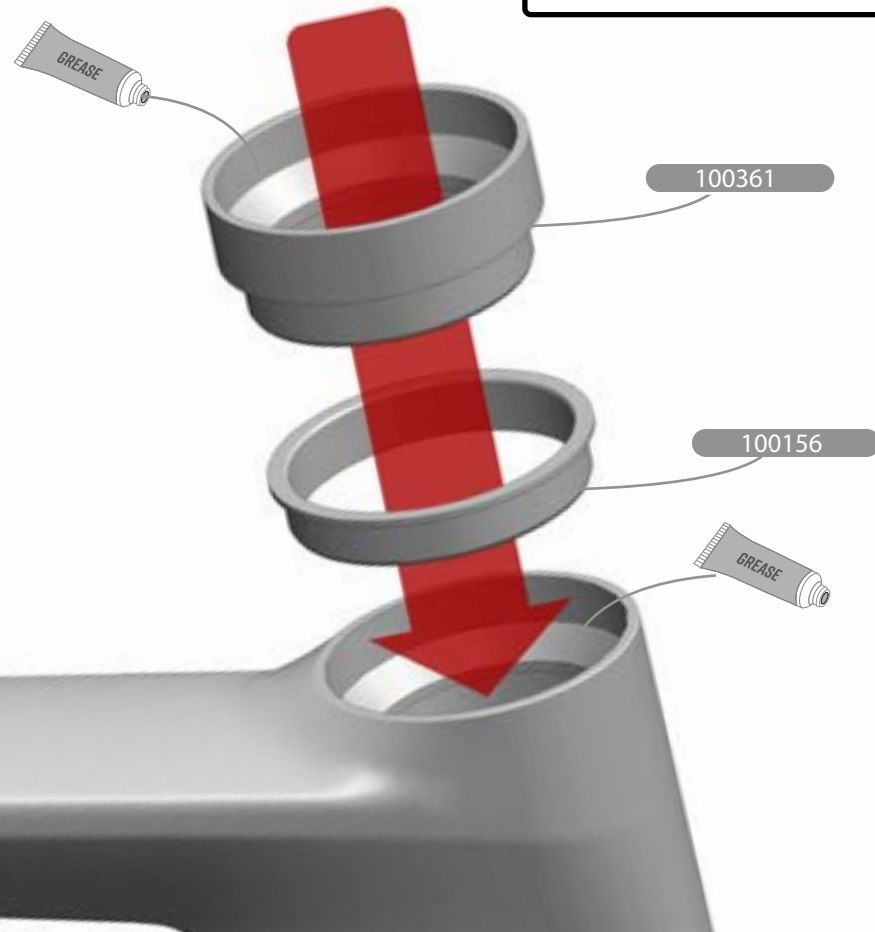
Install the 3D headset column if desired. You can choose from 3 different heights: 25mm (100361), 15mm (100362) or 0mm. For 0mm configuration, the bearing is placed directly in the frame.

IMPORTANT:

No more than 30mm of spacers can be placed between the stem and the top cap of the Headset.

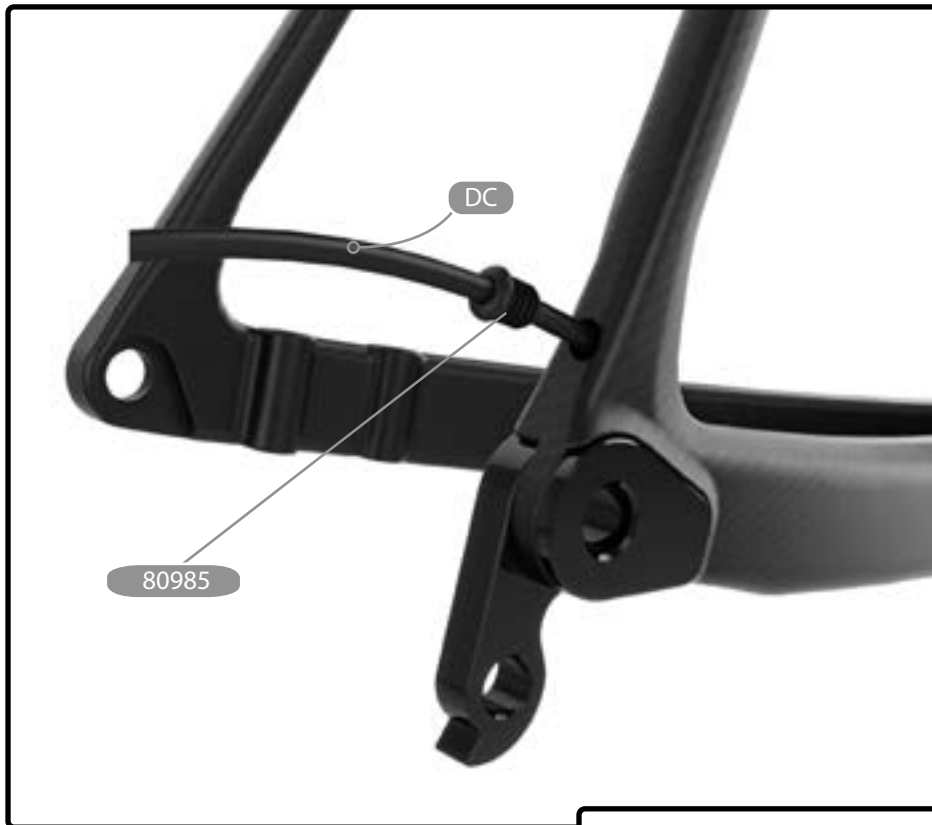
The steerer must be trimmed no more than 5mm above the stem. The use of more than 5mm of spacers above the stem could void the efficiency of the compressor.

These practices will automatically void any warranty claim against the manufacturer.



100361

100156

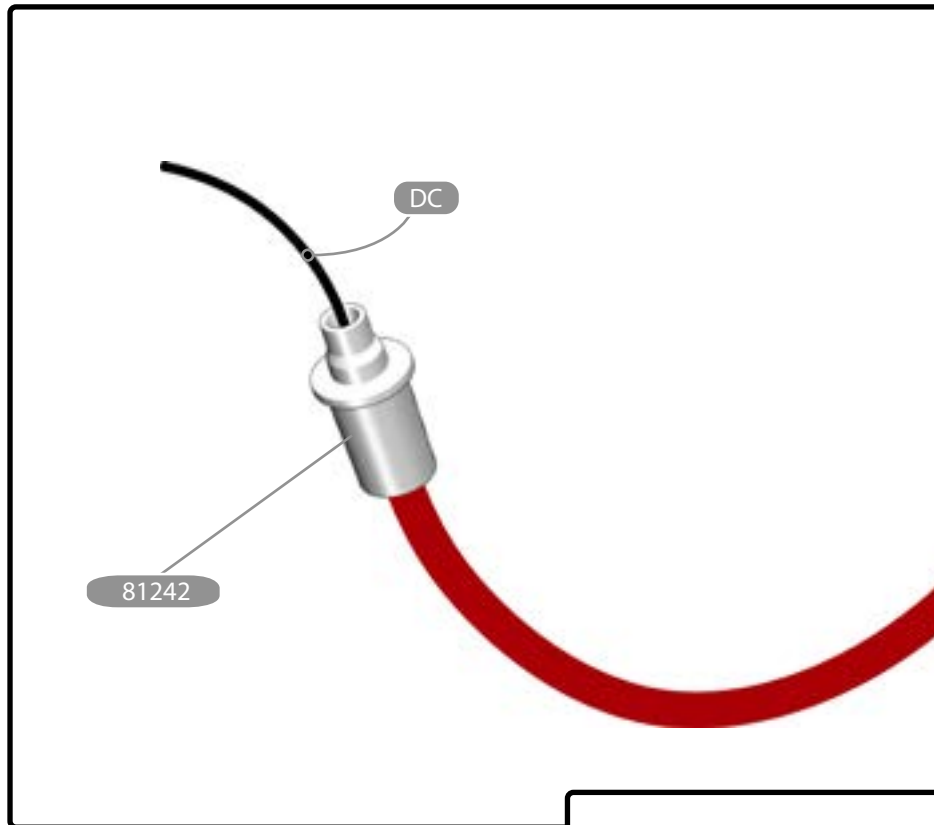


DC = Derailleur Cable (mech.)

Exit derailleur cables through chainstay hole, and use the Long Grommet Mech (80985) to cover the hole.

For full front derailleur housing, exit derailleur cables through bottom bracket (BB) hole, and use the Long Grommet Mech (80985) to cover the hole. See next page for routing with a cable stopper.

Plug the FD Hanger hole with the Long Plug (80804).

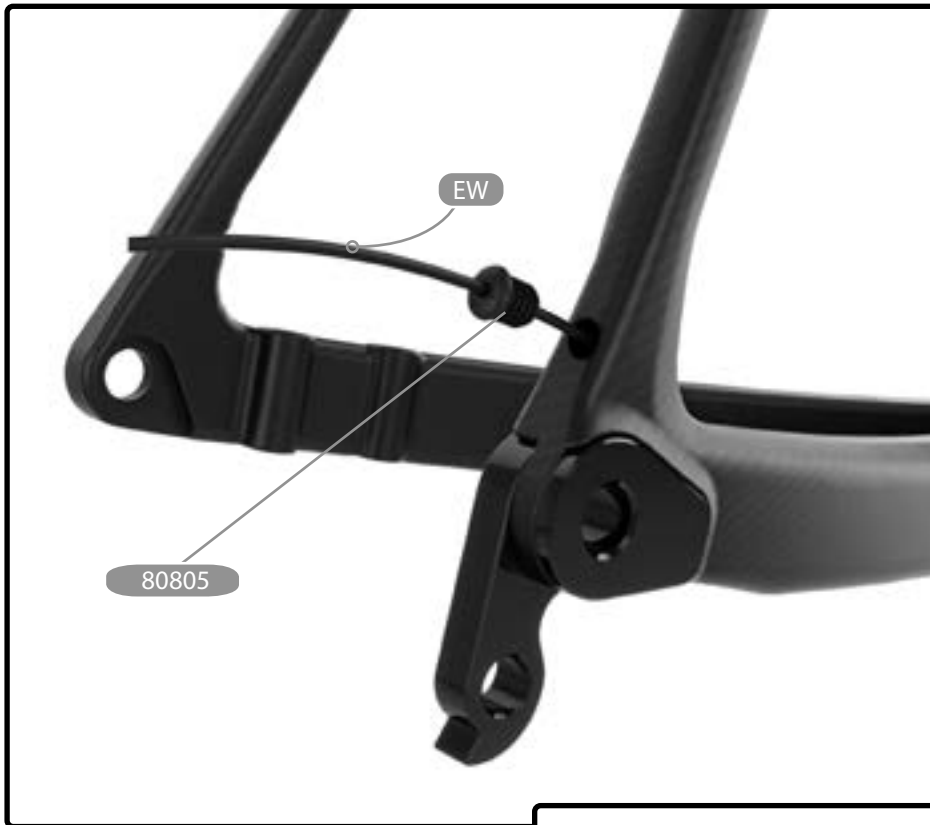


To route the front derailleur cable with a cable stopper, install the housing in the FD Cable Stopper (81242) and insert the derailleur cable.

Exit derailleur cables through bottom bracket (BB) hole. The lip of the FD cable stopper will rest on the inside of the frame.

Plug the FD Hanger hole with the Long Plug (80804).

DC = Derailleur Cable (mech.)



Exit derailleur wires through chainstay hole, and use the Long Grommet Di2 (80805) to cover the hole.

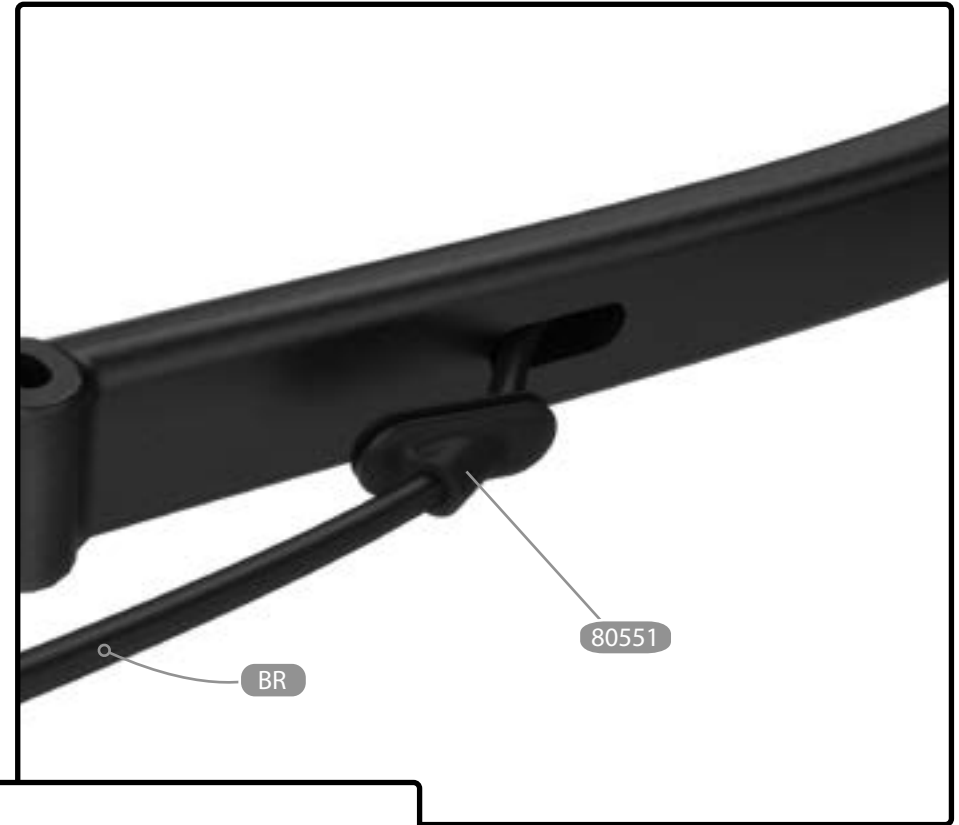
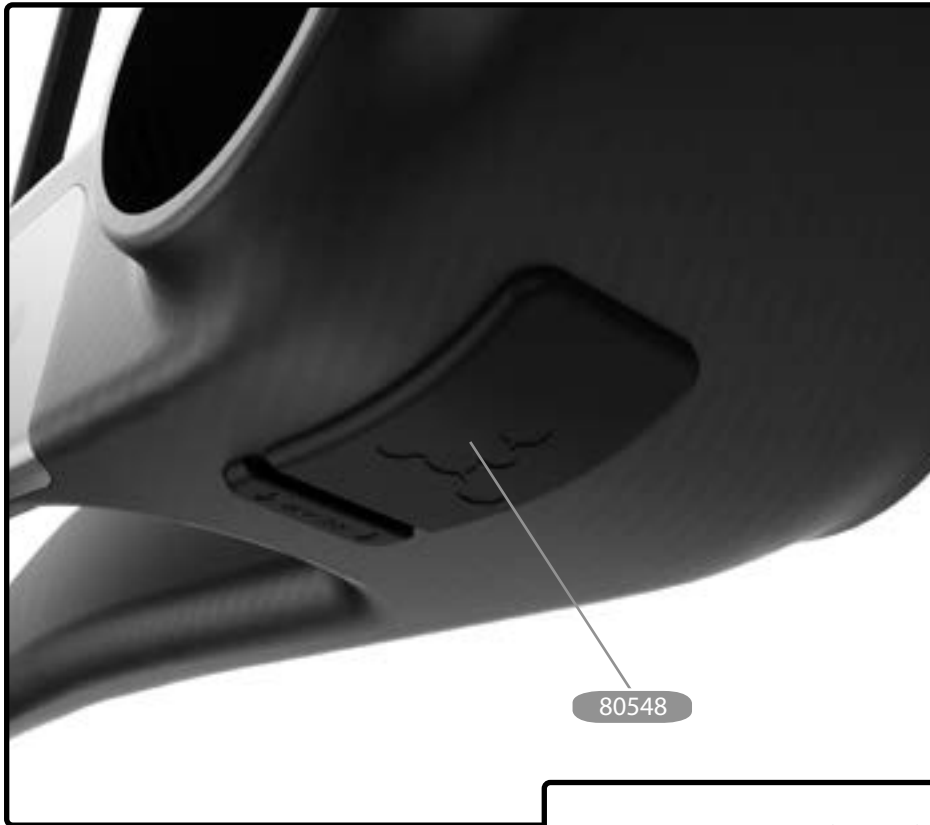
Exit derailleur wires through bottom bracket (BB) hole, and use the Long Grommet Di2 (80805) to cover the hole.

Plug the bottom bracket (BB) hole with the Long Plug (80804).

EW = Electronic Wire

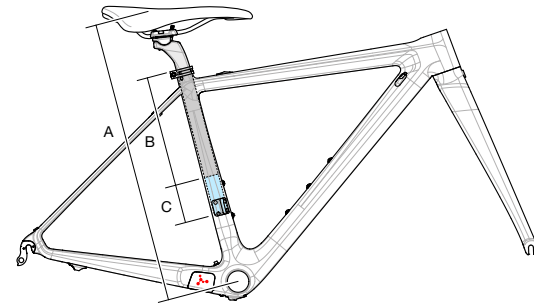
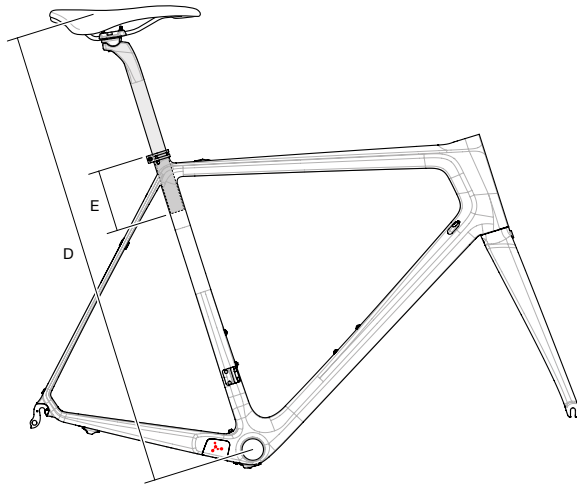


Use the Long Plugs (80804) to plug holes near the FD hanger, BB and rear derailleur hanger.



Insert the BB cover* (80548) in the rectangular hole until it clicks.

Exit the hydraulic brake hose through the hole on the chain stay and use the oblong grommet (80551) to cover the hole.



Refer to the tables below for details on saddle height and seatpost insertion limits.

- i. The correct frame size must be determined according to the saddle height limits.
 - A. Minimum Saddle Height
 - D. Maximum Saddle Height

- ii. Depending on the size of the frame and the desired saddle height, the seatpost might need to be cut.
 - B. Maximal insertion depth in the frame's seattube.
 - C. Required seatpost cut length to be able to adjust the saddle height at the Minimum position.
 - Adjust the seatpost cut length in accordance with your desired saddle height.
 - Required minimum seatpost cut length = C - ("desired saddle height" - A)**
 - Example: - For a desired saddle height of 600mm on a XXS-Gallium disc frame
 - The required minimum seatpost cut length is: 65 - (600-540) = 5mm
 - E. Minimal insertion depth in the frame's seattube.

Saddle Height Limits		Gallium CS disc			
Size	Saddle H Min	ST Max Insert	SP Cut	Saddle H Max	SP Min Insert
	mm	mm	mm	mm	mm
	A	B	C	D	E
XX-Small	540	215	65	740	80
X-Small	575	245	35	775	80
Small	613	250	30	813	80
Medium	650	285	0	850	80
Large	685	320	0	885	80
X-Large	715	350	0	915	80