



Valid for MY2019/20 Gallium 279A
Revision 2.0 - 03.12.2019



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My Gallium

Date of purchase: _____

Retailer: _____

Size: _____

Serial Number: _____

For the warranty to be valid, 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 (SKU: 38883)
- 2: Seat clamp (SKU: 80546)



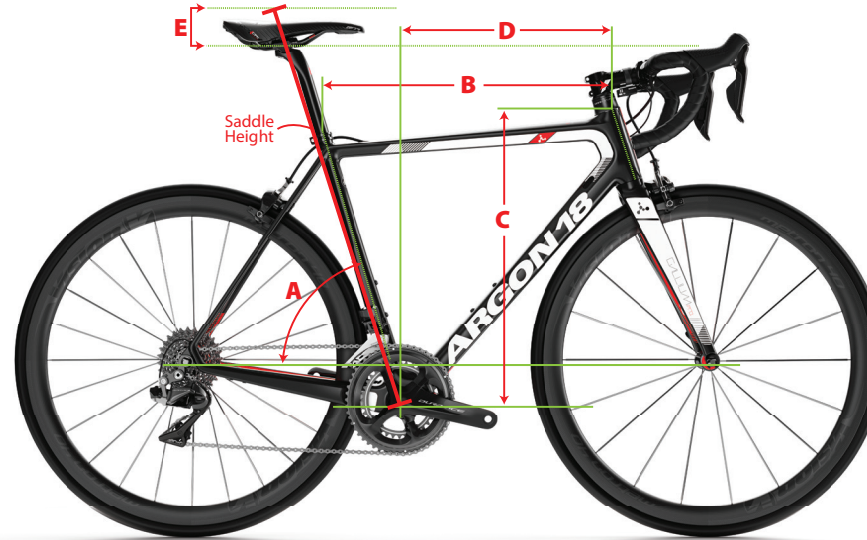
38883



80546

2. Sizing Chart

ARGON 18



Sizing Chart: Gallium

Saddle Height	Suggested Size	A Seat tube angle	B Top tube length	C Stack 3D Spacer = 0	D Reach	C Stack 3D Spacer = 15	D Reach	C Stack 3D Spacer = 25	D Reach	E Drop Minimum	E Drop Maximum
61	XXS	75.5	499	474	374	488	369	498	366	-4	-53
62	XXS	75.5	499	474	374	488	369	498	366	-14	-63
63	XXS	75.5	499	474	374	488	369	498	366	-23	-73
64	XXS	75.5	499	474	374	488	369	498	366	-33	-82
65	XXS / XS	75.5 / 74.5	499 / 519	474 / 492	374 / 382	488 / 506	369 / 377	498 / 516	366 / 374	-43 / -23	-92 / -73
66	XXS / XS	74.5	499 / 519	474 / 492	374 / 382	488 / 506	369 / 377	498 / 516	366 / 374	-52 / -33	-102 / -82
67	XS	74.5	519	492	382	506	377	516	374	-42	-92
68	XS	74.5	519	492	382	506	377	516	374	-52	-101
69	XS / S	74.5 / 74	519 / 539	492 / 523	382 / 389	506 / 537	377 / 384	516 / 547	374 / 381	-62 / -28	-111 / -77
70	XS / S	74.5 / 74	519 / 539	492 / 523	382 / 389	506 / 537	377 / 384	516 / 547	374 / 381	-71 / -37	-121 / -87
71	S	74	539	523	389	537	384	547	381	-47	-96
72	S	74	539	523	389	537	384	547	381	-56	-106
73	S / M	74 / 73.5	539 / 559	523 / 552	389 / 395	537 / 566	384 / 391	547 / 575	381 / 388	-66 / -34	-115 / -83
74	S / M	74 / 73.5	539 / 559	523 / 552	389 / 395	537 / 566	384 / 391	547 / 575	381 / 388	-76 / -43	-125 / -93
75	M	73.5	559	552	395	566	391	575	388	-53	-102
76	M	73.5	559	552	395	566	391	575	388	-62	-112
77	M / L	73.5 / 73	559 / 577	552 / 575	395 / 401	566 / 590	391 / 396	575 / 599	388 / 394	-72 / -44	-122 / -94
78	M / L	73.5 / 73	559 / 577	552 / 575	395 / 401	566 / 590	391 / 396	575 / 599	388 / 394	-82 / -54	-131 / -103
79	L	73	577	575	401	590	396	599	394	-63	-113
80	L	73	577	575	401	590	396	599	394	-73	-123
81	L / XL	73 / 72.5	577 / 596	575 / 596	401 / 408	590 / 610	396 / 404	599 / 620	394 / 401	-83 / -59	-132 / -108
82	L / XL	73 / 72.5	577 / 596	575 / 596	401 / 408	590 / 610	396 / 404	599 / 620	394 / 401	-92 / -68	-142 / -118
83	XL	72.5	596	596	408	610	404	620	401	-78	-128
84	XL	72.5	596	596	408	610	404	620	401	-87	-137
85	XL	72.5	596	596	408	610	404	620	401	-97	-147

This chart indicates recommended values. Max and min drop values are calculated according to Canadian specification. Please consult one of our authorized dealers for further informations on your bike fit.



SPECIFICATIONS

Tire Clearance

Up to 28mm tire clearance.

Seat Post

27.2mm (Argon 18 ASP-6600 Carbon Seat Post Included)

Seat Post Clamp

30.7mm

Bottom Bracket

BB86 (Press-fit)

Headset

FSA No 37 + 3D Press-fit (Bearing 1 1/8" , 36°x45° top and 1 1/2" , 36°x45° bottom + FSA TH-881-1 Compressor included)

IMPORTANT:

No more than 30mm of spacers can be placed between the stem and the top cap of the 3D system.

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 cancel any warranty claim against the manufacturer.

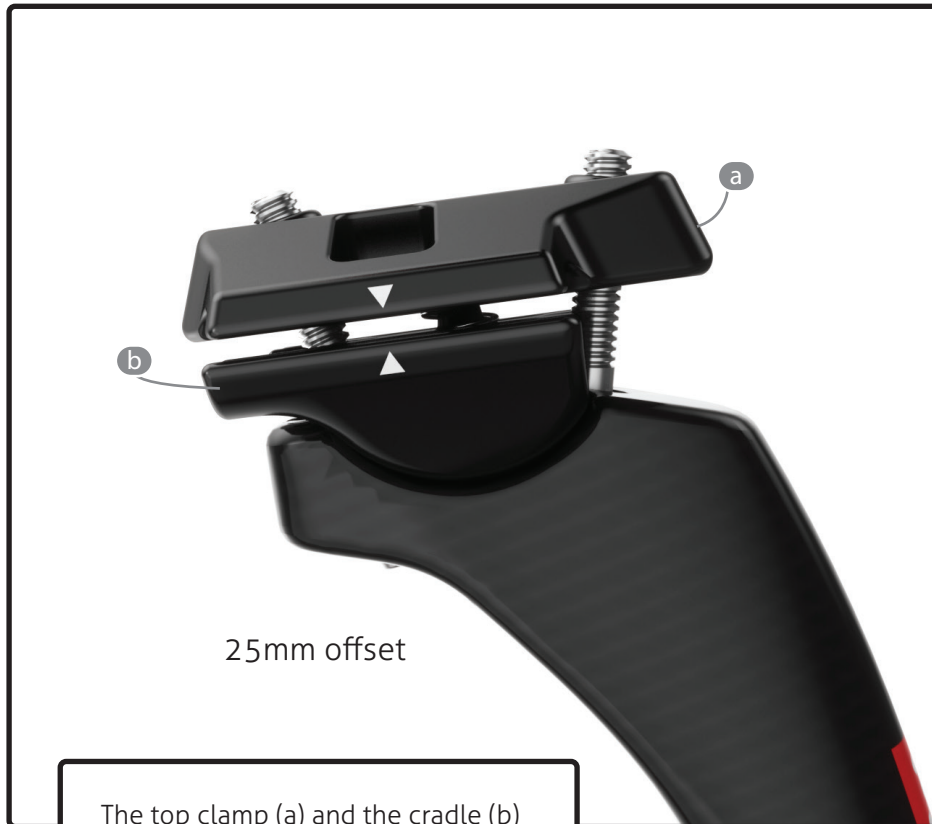


Assemble the seat post collar with the seat post. Apply carbon paste on the seat post where it inserts inside the frame. Tighten the bolt at 4 Nm.



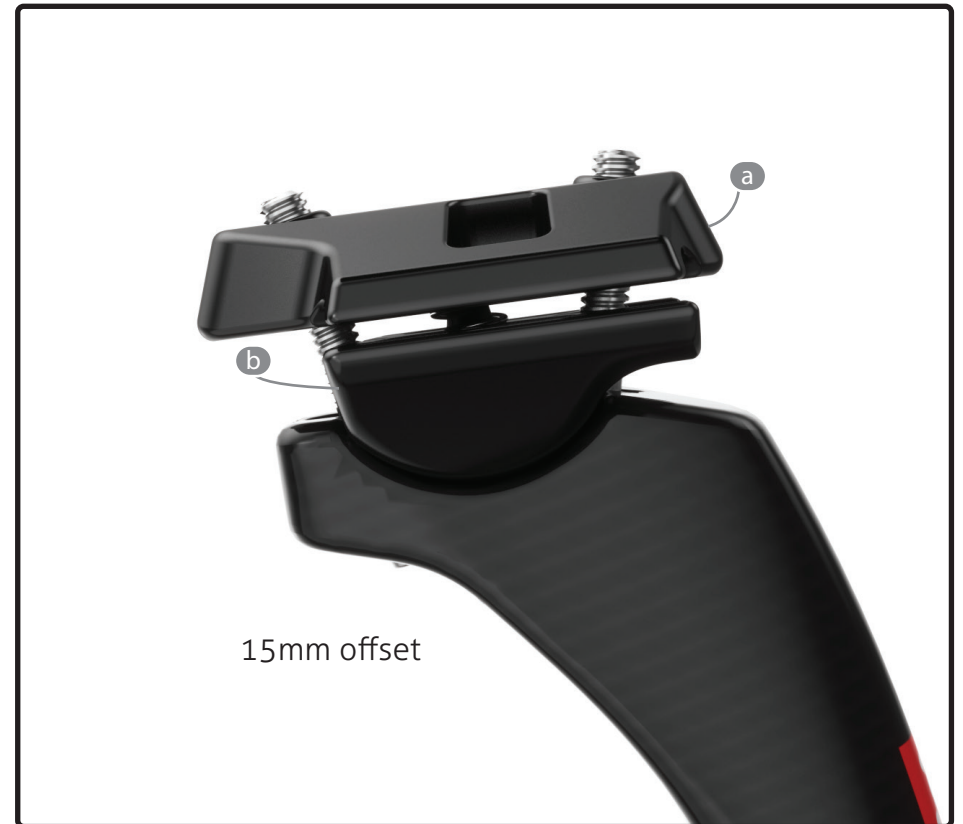
The seat post is supplied fully assembled. It's equipped with a spring-loaded head for easy installation of the saddle.

1. Unscrew both bolts slightly until the top clamp (a) and the cradle (b) are separated enough to insert the saddle rail. Do not unscrew the bolts completely.
2. Screw both bolts in order to adjust the angle of the saddle and clamp the rail.
3. Tighten bolts at 4.5Nm.



25mm offset

The top clamp (a) and the cradle (b) can be flipped to change the saddle offset between 15 or 25mm.



15mm offset



BEFORE ASSEMBLING YOUR NEW GALLIUM, MAKE SURE THAT YOU HAVE ALL THE FOLLOWING:

1. Frameset parts (see p.9)
2. Inspect the frame for cosmetic aspect (scratches, bumps, cracks, paint defect, etc.)
3. For reference, check serial number and write it on p.2
4. All the necessary bolts (refer to Frameset Parts, p.9)
5. For optimal shifting performance, use a derailleur hanger alignment gauge to make sure that the derailleur hanger is straight (p.10)

IMPORTANT:

The following parts are assembled on the frame. When assembling the bike, you will need to adjust these parts according to their torque specifications.

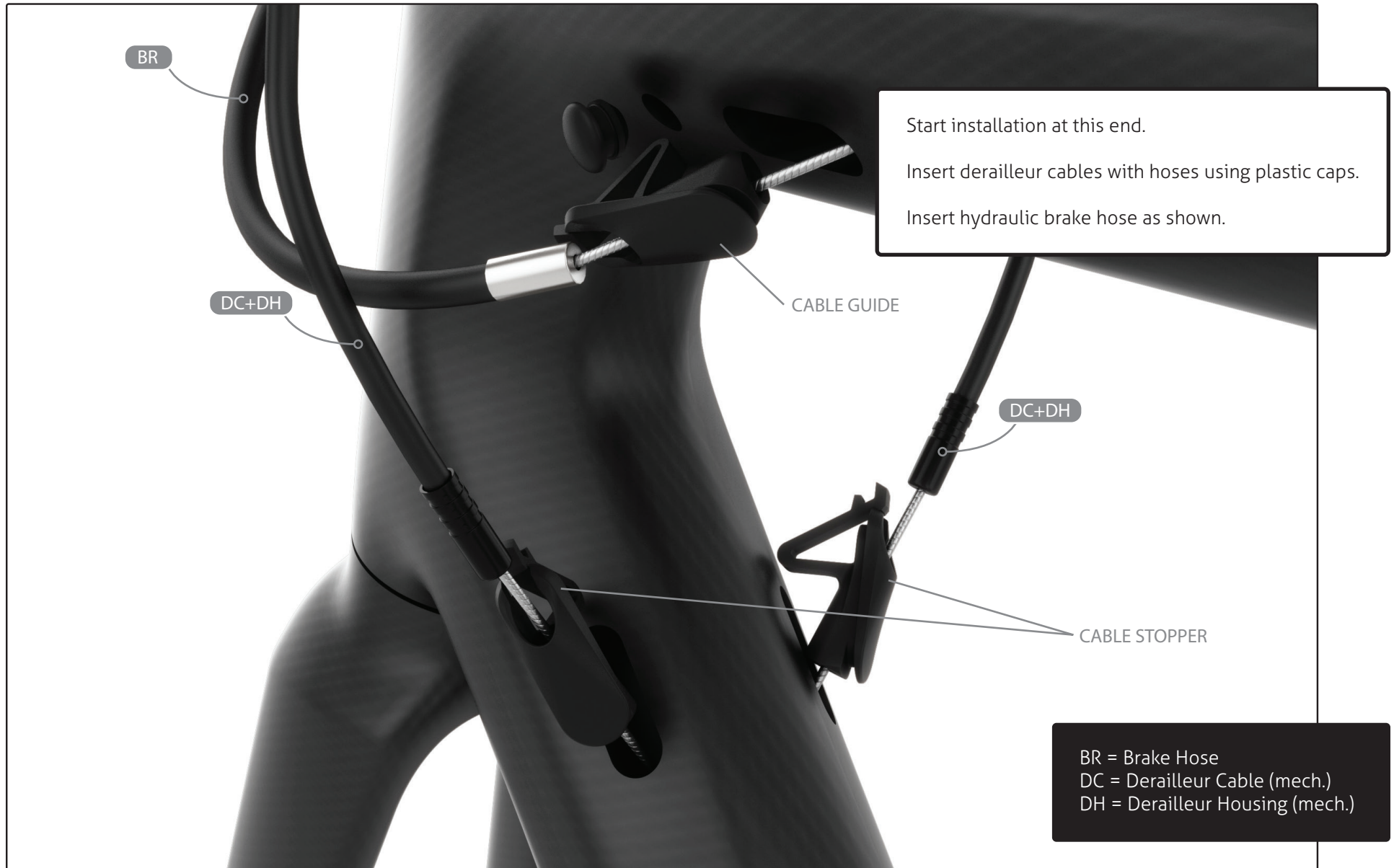
Parts installed on the frame	Description	Screw type	Torque Nm	Detail
Bottle cage	Screw (4)	5 mm	3 Nm	Grease
Chain stay cable guide	Screw (2)	3 mm	1.5 Nm	Grease
Rear derailleur hanger	Screw (2)	3 mm	4 Nm	Loctite

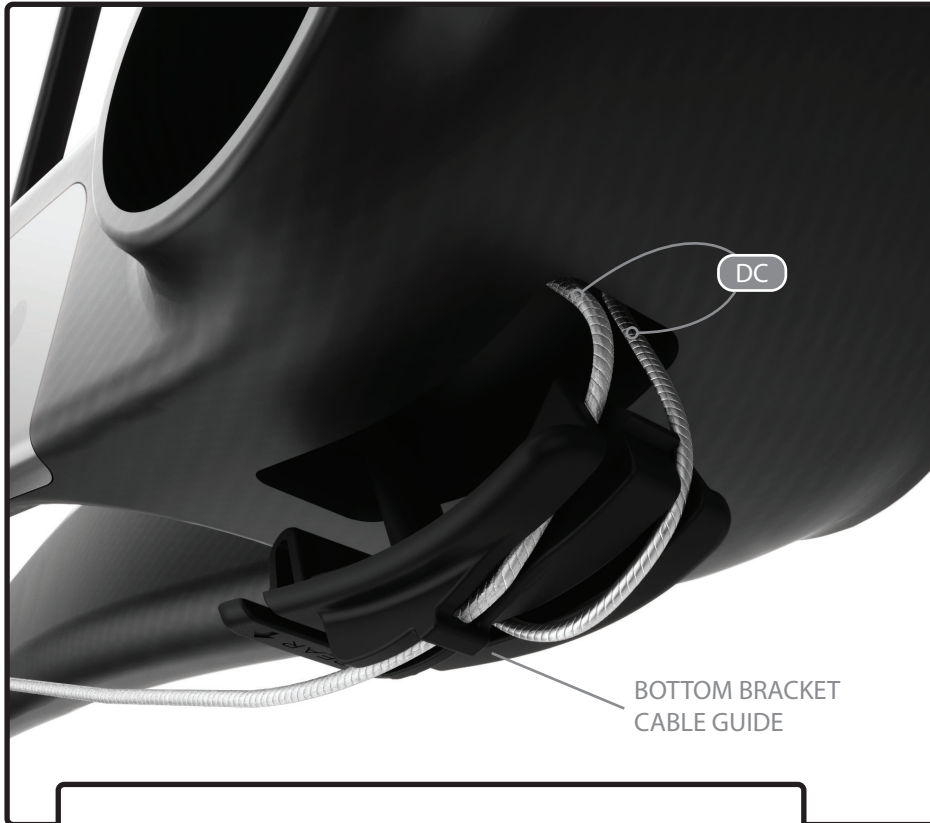


1. Ensure that the derailleur hanger is aligned.
2. Use Derailleur Hanger Alignment Gauge like **Park Tool Item #DAG-2 or #DAG-2.2.**



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

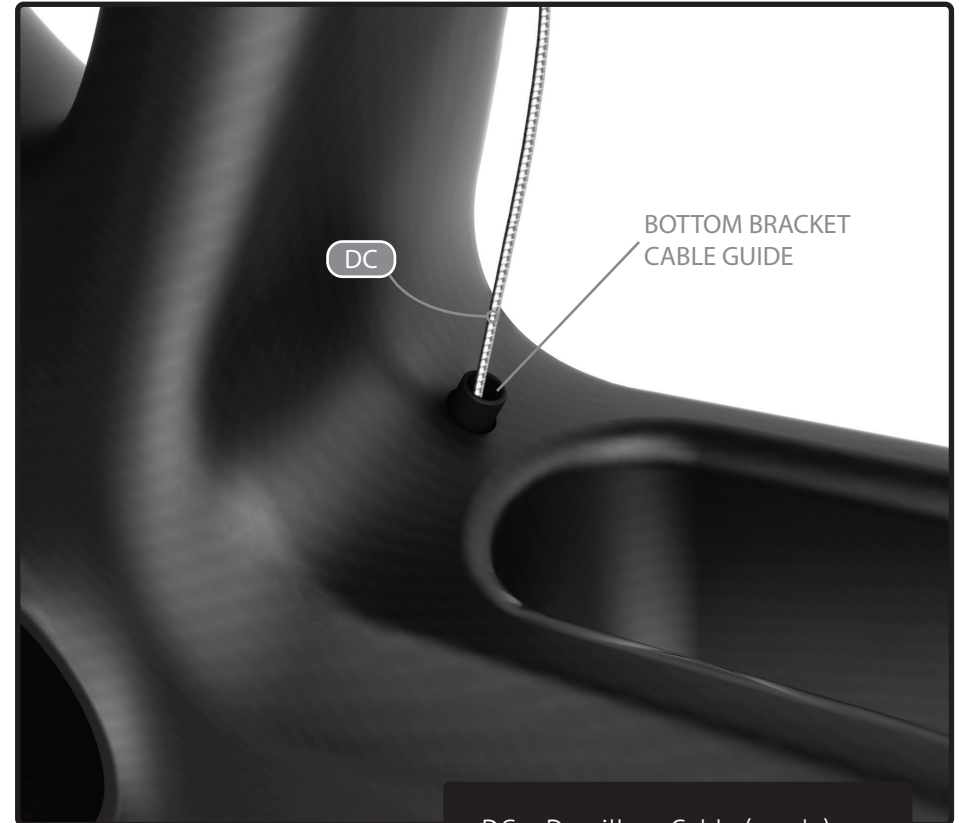




Exit derailleur cables through bottom bracket (BB) hole.

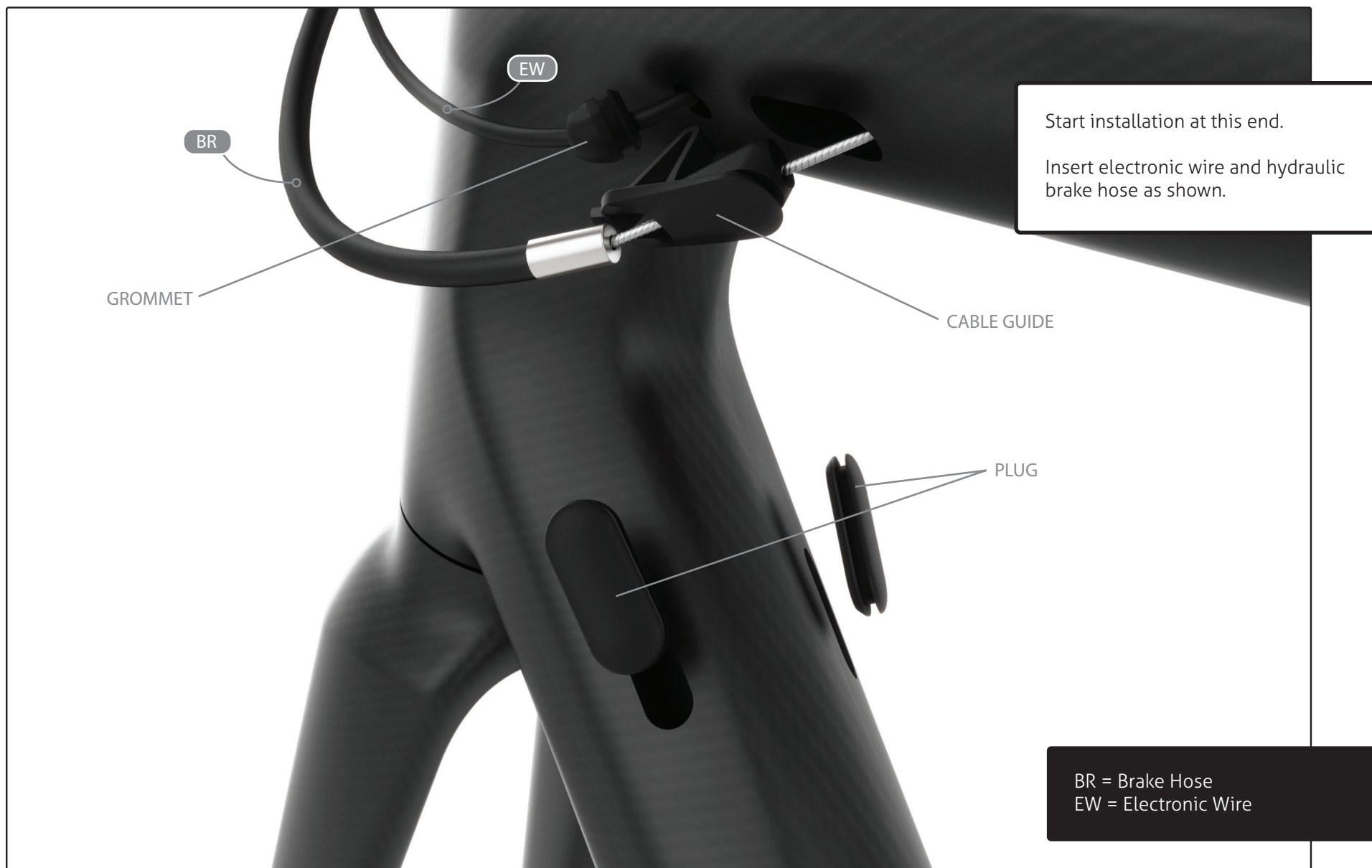
Insert in the appropriate slots in the BB guide.

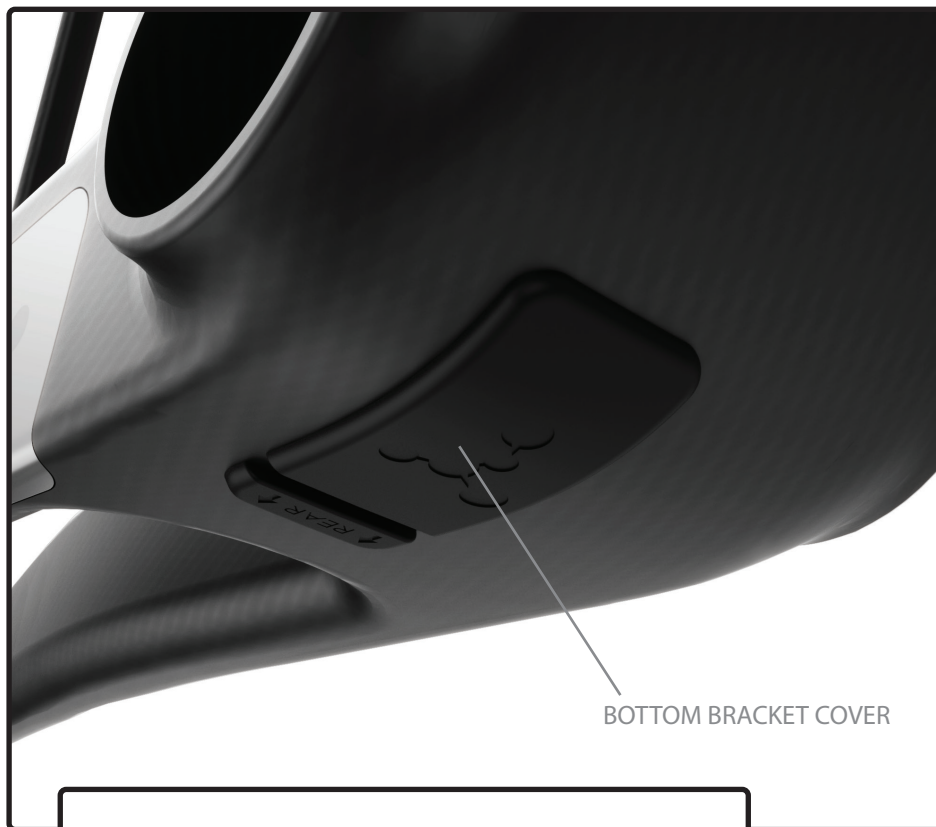
Making sure the pipe is aligned with the top hole, insert BB guide in the square hole until it clicks.



DC = Derailleur Cable (mech.)



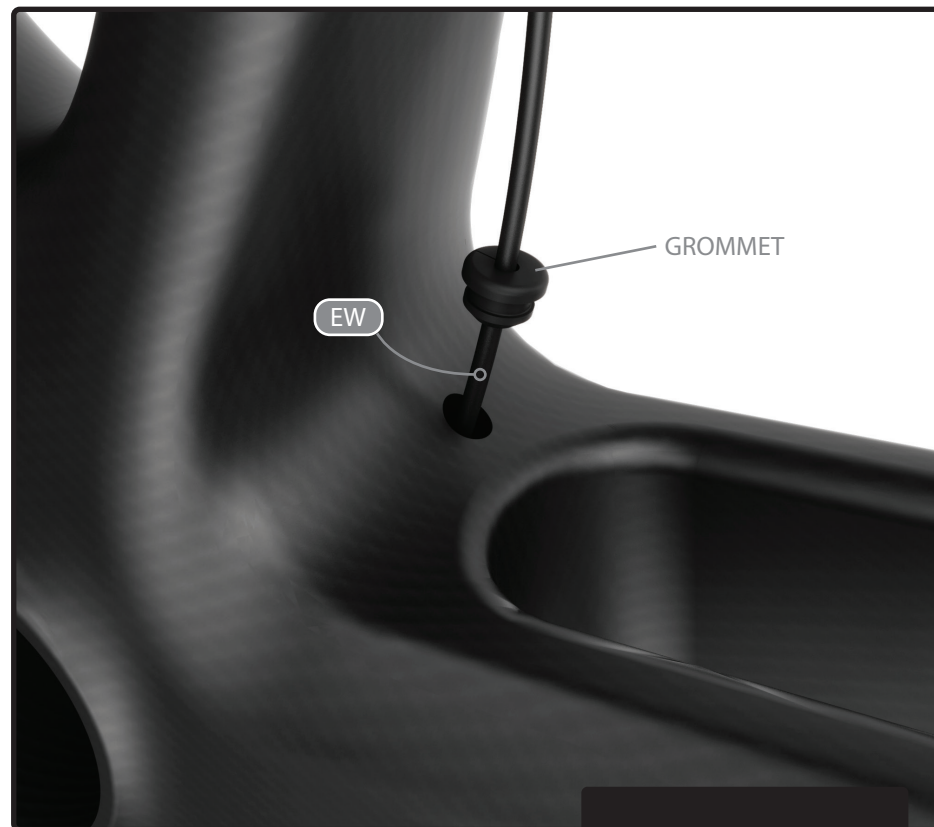




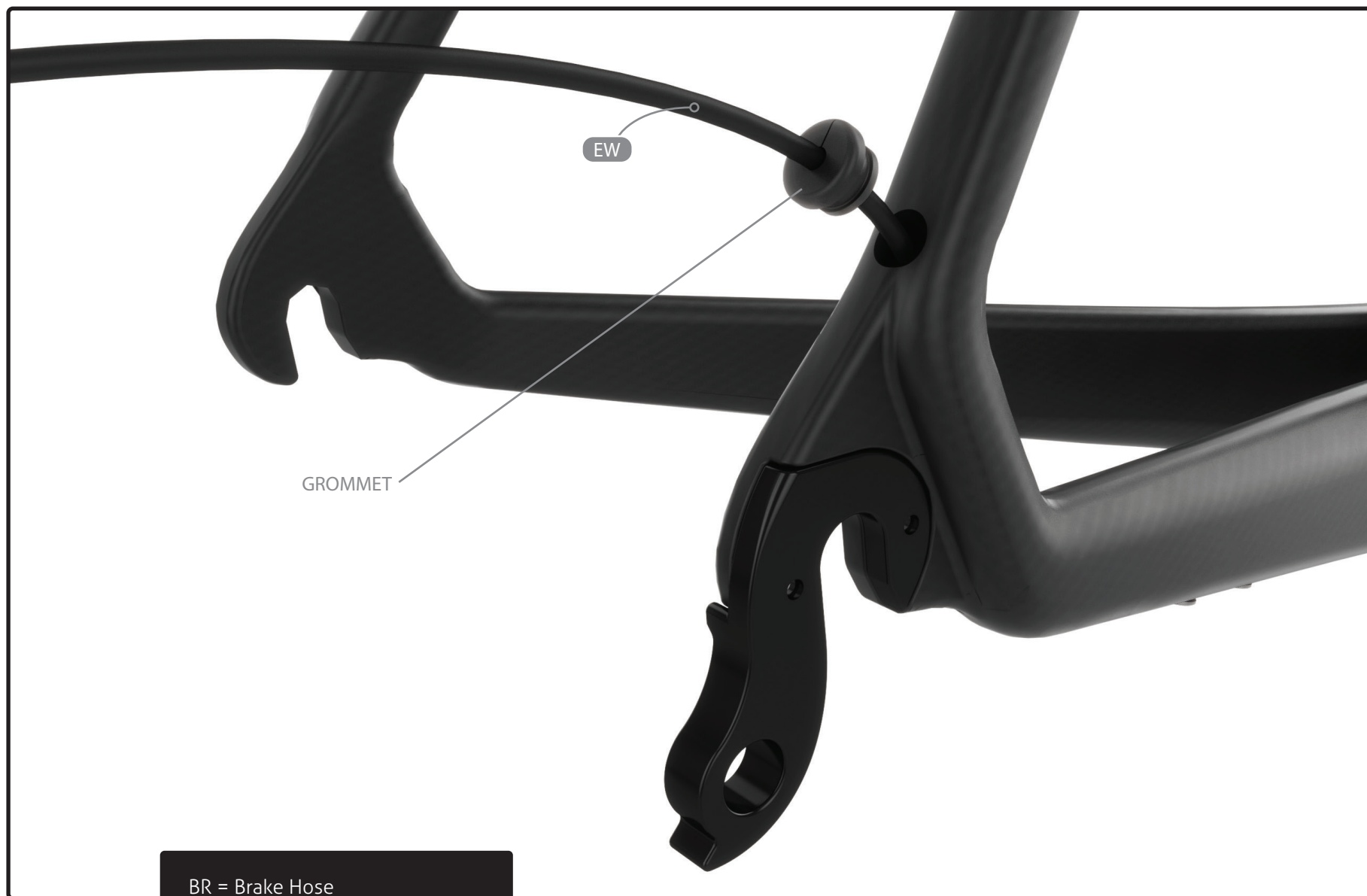
Use the square hole to connect all the wires to the junction box.

Insert the junction box in the hole.

Insert the BB cover in the square hole until it clicks.



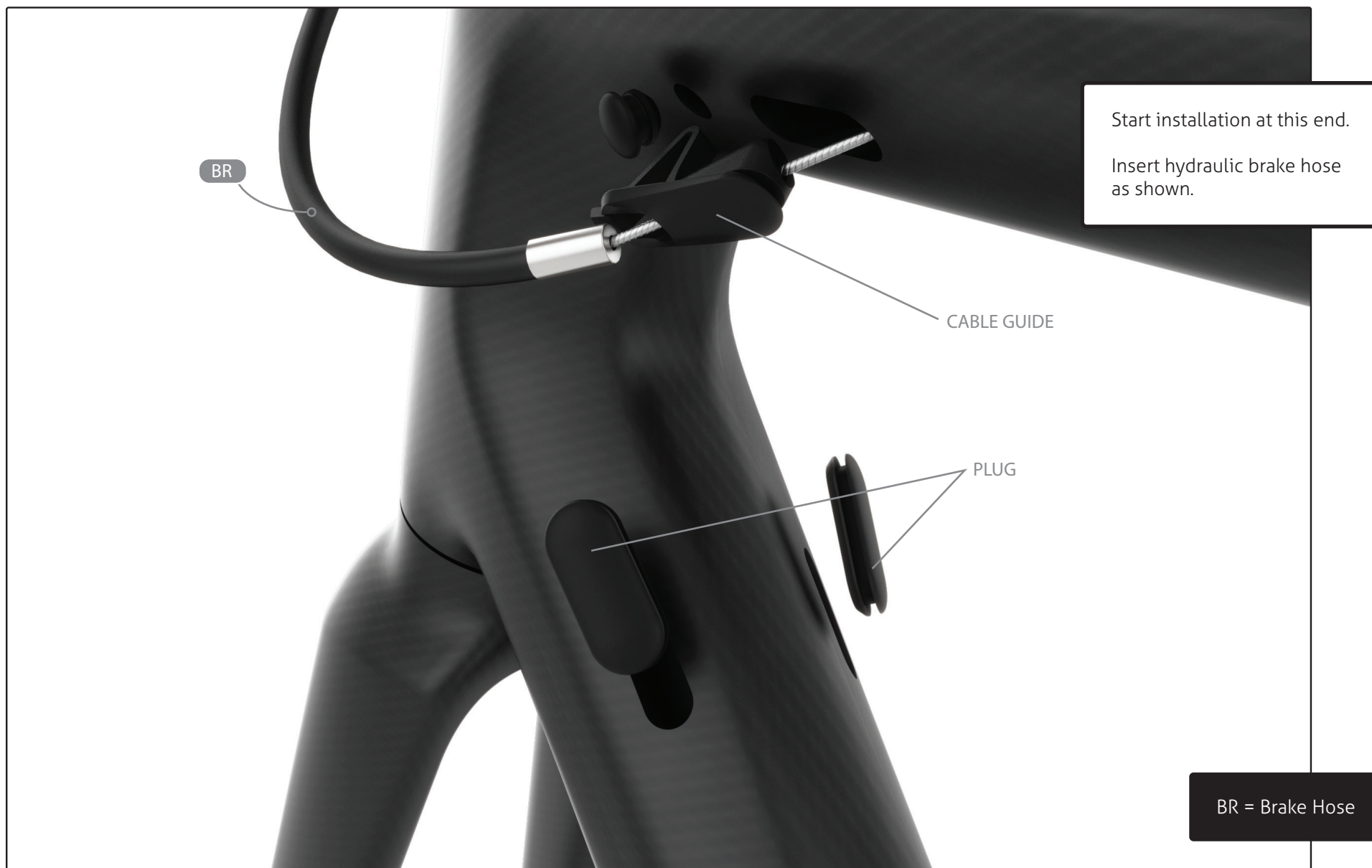
EW = Electronic Wire

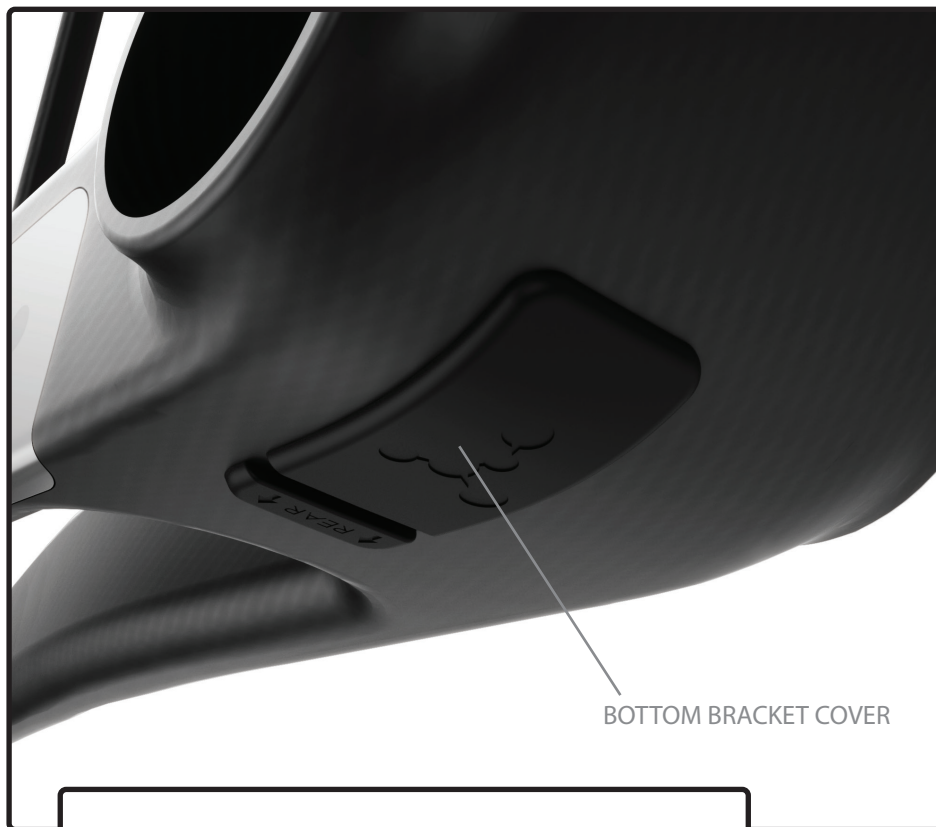


BR = Brake Hose
EW = Electronic Wire



The Di2 battery is hidden in the seatpost; use the Di2 battery holder to fix the battery correctly. Apply a slight amount of grease on both parts.



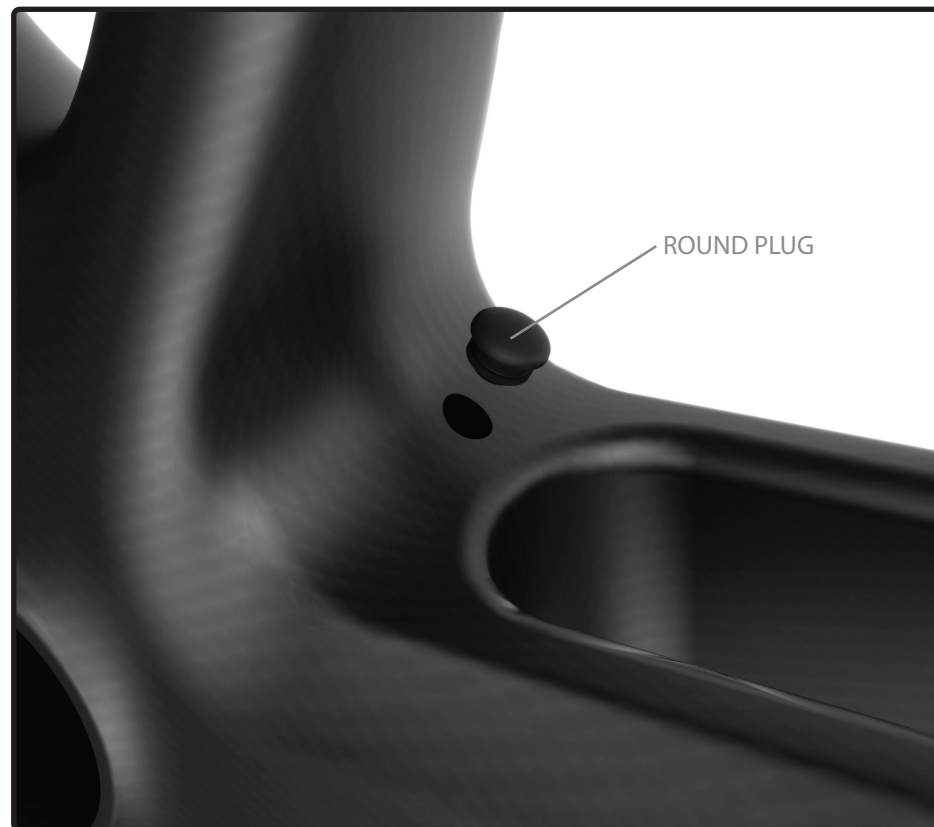


BOTTOM BRACKET COVER

Use the square hole to connect all the wires to the junction box.

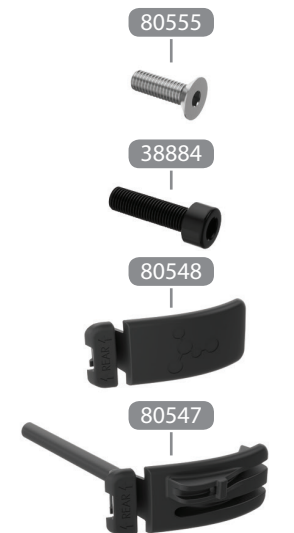
Insert the junction box in the hole.

Insert the BB cover in the square hole until it clicks.



ROUND PLUG







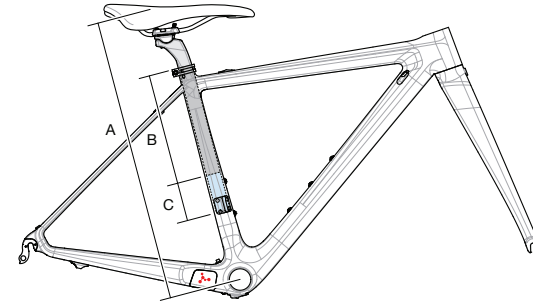
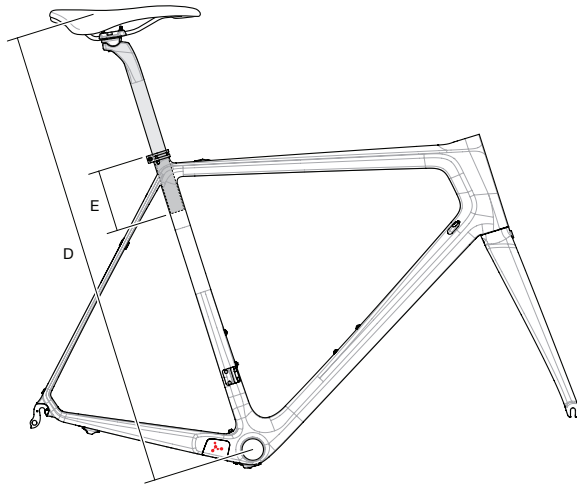
No.	Name	Assembled on	A18 SKU#	Qty
Parts already assembled				
1	Fork		FK.GALL.XXS-S.279A FK.GALL.M-XL.279A	1
2	Seatpost	Seatpost	SP.GALL.279A	1
4	Rear derailleur hanger with screws	Frame	38883	1
6	Seat post collar	Frame	80546	1
7	BB cable guide	Frame	80547	1
8	Screws for water bottle cages	Frame	38884	4
10	Removable CS cable stopper	Frame	80552	1
11	Screws for CS cable stopper	Frame	80555	2
Parts				
12	Headset No 37 + 3D w/TH-881-1		38661	1
13	Di2 battery holder		38446	1
14	BB cover		80548	1
15	Oblong plug		80549	2
	Di2 Grommet for Front Derailleur		38888	1
17	Plastic cable stopper		38879	4
18	Round grommet		80553	2
19	Round plug		80554	4

*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.



Di2 Cable Length*						
	Size	250mm	350mm	600mm	950mm	1000mm
Road	XXS	1x	2x	1x	2x	-
	XS	1x	2x	1x	2x	-
	S	1x	2x	1x	2x	-
	M	1x	2x	1x	2x	-
	L	1x	2x	1x	1x	1x
	XL	1x	2x	1x	1x	1x
Triathlon/TT	XS	1x	-	1x	2x	-
	S	1x	-	1x	2x	-
	M	1x	-	1x	2x	-
	L	1x	-	1x	2x	-
	XL	1x	-	1x	2x	-

* For internal routing



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 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 / Gallium Pro		
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