







Assembly overview.....	2
1. Frame inspection.....	3
2. Frameset Parts.....	4
3. Parts' SKUs and descriptions.....	5
4. Headset installation.....	6
5. Cables & housing installation.....	7
6. Electronic drive-train specification.....	10
7. Saddle adjustment.....	15
8. Derailleur hanger adjustment.....	16
9. Appendix 1.....	18
10. Min/Max Seat Post Insertion.....	19

*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. Those components must be installed using a calibrated torque wrench to make sure every bolt is at the right torque setting to prevent damage.*

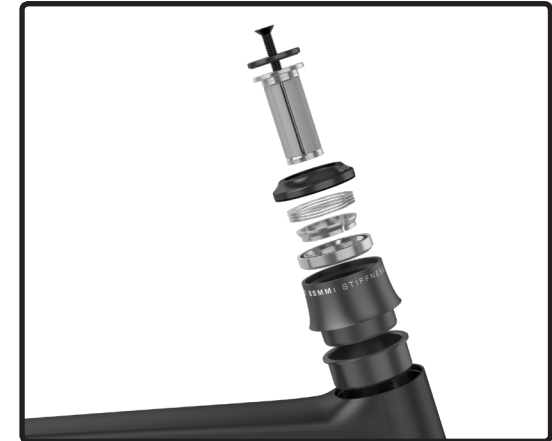
*No more than 30mm of spacer can be placed between the stem and the top cap of the 3D system. And the use of more than 5mm spacer on top of the stem could void the efficiency of the compressor. These practices will automatically cancel any warranty claim against the manufacturer.*



1. Frame inspection



2. Frameset parts



3. Headset installation



4. Cable housing installation

IMPORTANT NOTICE: It is easier to install the cable housings before the bottom bracket, crank & fork.



5. Electronic drive-train cable routing specification



6. Seatpost installation



7. Derailleur hanger adjustment

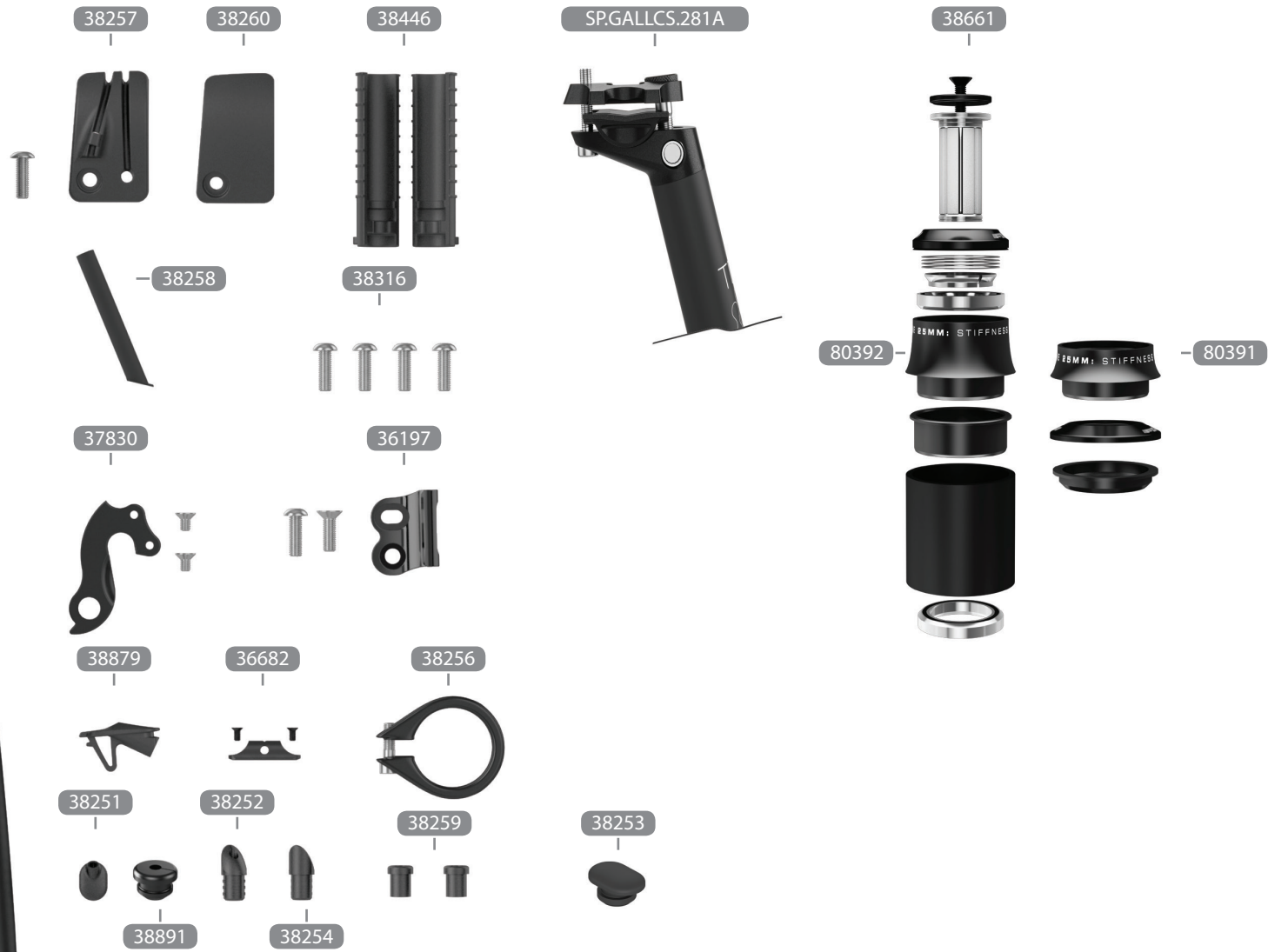


When assembling a new frame, be sure to check if the following parts are assembled correctly.

Parts installed on the frame		Description	Screw type	Torque Nm	Detail
Seatpost, Ø 27.2mm	Seatpost				Carbon paste
Front derailleur hanger	Screw		3mm	3Nm	Loctite
Rear derailleur hanger	Screw (2)		3mm	4Nm	Loctite
Bottle cage	Screw (4)		4mm	3Nm	Grease
Seatpost collar	Clamp		4mm	6Nm	Grease
Rear derailleur cable stopper	Screw (2)		2mm	2Nm	Loctite
Bottom bracket cable guide	Screw		5mm	3Nm	Grease



FK.GALLCS.XXS-XS.281A  
 FK.GALLCS.S-XL.281A  
 FK.GALLCS.XXS-XS.281B  
 FK.GALLCS.S-XL.281B

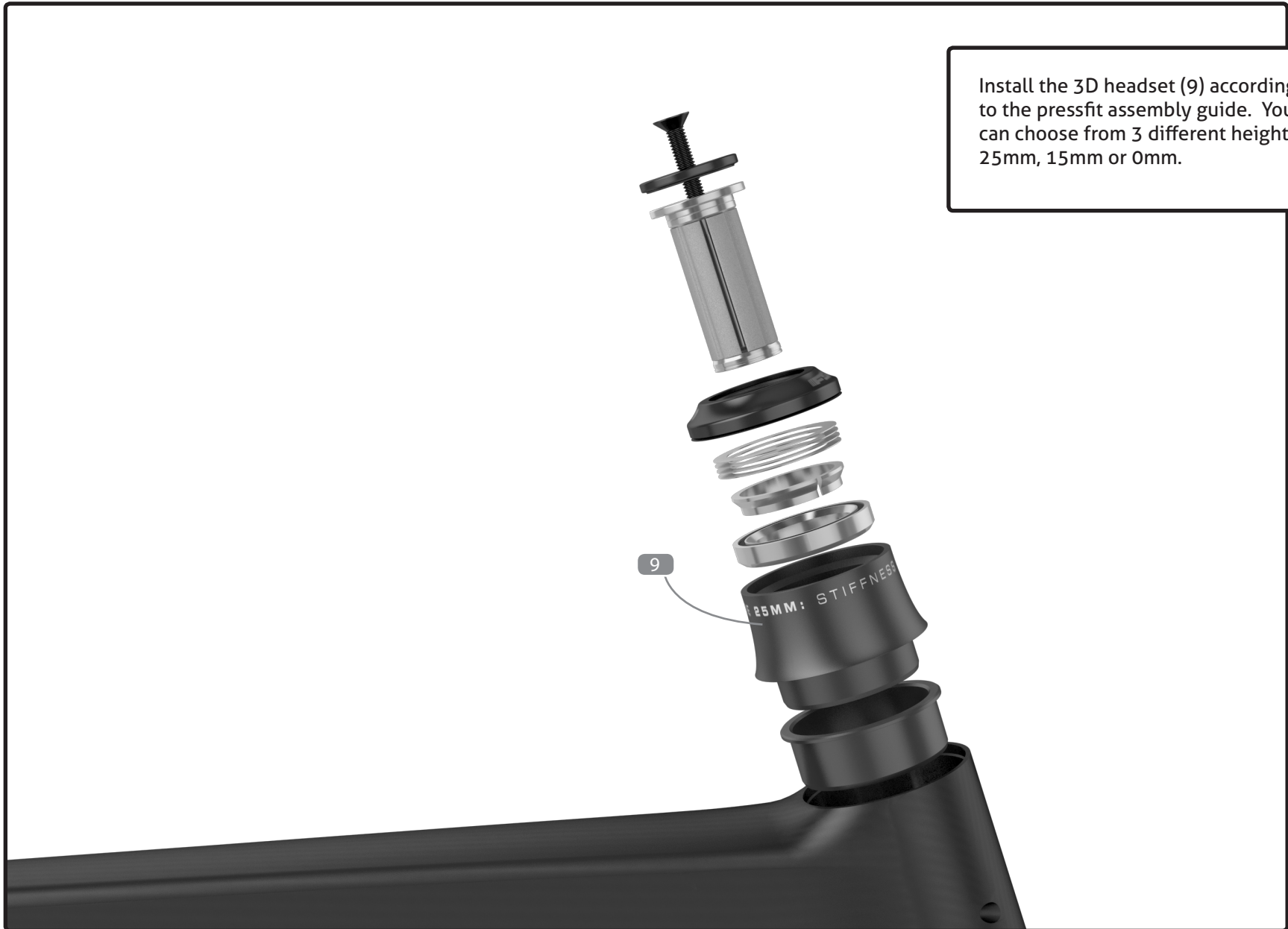


Images are for reference only. Proportions are not accurate.



No.	Name	Assembled on	A18 SKU#	Qty
<b>#</b>	<b>Parts already assembled</b>			
	Gallium CS Frame 281A -OR- Gallium CS Frame 281B	-	-	1
	Gallium CS Fork 281A Size XXS-XS -OR- Gallium CS Fork 281A Size S-M-L-XL -OR- Gallium CS Fork 281B Size XXS-XS -OR- Gallium CS Fork 281B Size S-M-L-XL	-	FK.GALLCS.XXS-XS.281A FK.GALLCS.S-XL.281A FK.GALLCS.XXS-XS.281B FK.GALLCS.S-XL.281B	1
8	Gallium CS Seat Post Assembly	-	SP.GALLCS.281A	1
8.1	Hex cap screw ( M6* 28mm)	Seatpost		1
8.2	Cylinder nuts	Seatpost		2
8.3	SP special bolt ( M8*38mm)	Seatpost		1
8.4.1	Rocker	Seatpost		1
8.4.2	Rail clamp	Seatpost		1
8.6	Convex M6 washer	Seatpost		1
7	Rear derailleur hanger with screws	Frame	37830	1
10	Front derailleur hanger with screws	Frame	36197	1
11	Seat Post clamp with screw and washer	Frame	38256	1
19	BB cable guide with screw	Frame	38257	1
12	BB cable guide pipe	Frame	38258	1
13	Screw for water bottle cage	Frame	38316	4
4	TT plastic cable stopper	Frame	38756	1
3	Removable CS cable stopper with screws	Frame	36682	1
<b>#</b>	<b>Parts</b>			
5	Headtube cable stopper		38259	2
6	Di2 cable grommet		38251	1
23	FD round Di2 grommet		38891	1
22	Head tube Di2 grommet		38252	1
21	Head tube plug		38254	2
9	Headset No 37 + 3D with compressor		38661	1
9.1	15mm Spacer for 3D Headset No 37		80391	
9.2	25mm Spacer for 3D Headset No 37		80392	
24	Internal Di2 battery support for Gallium Pro seatpost		38446	1 set
18	Di2 BB recess cover guide with screw		38260	1
25	Oval plug	Frame	38253	3

\*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.







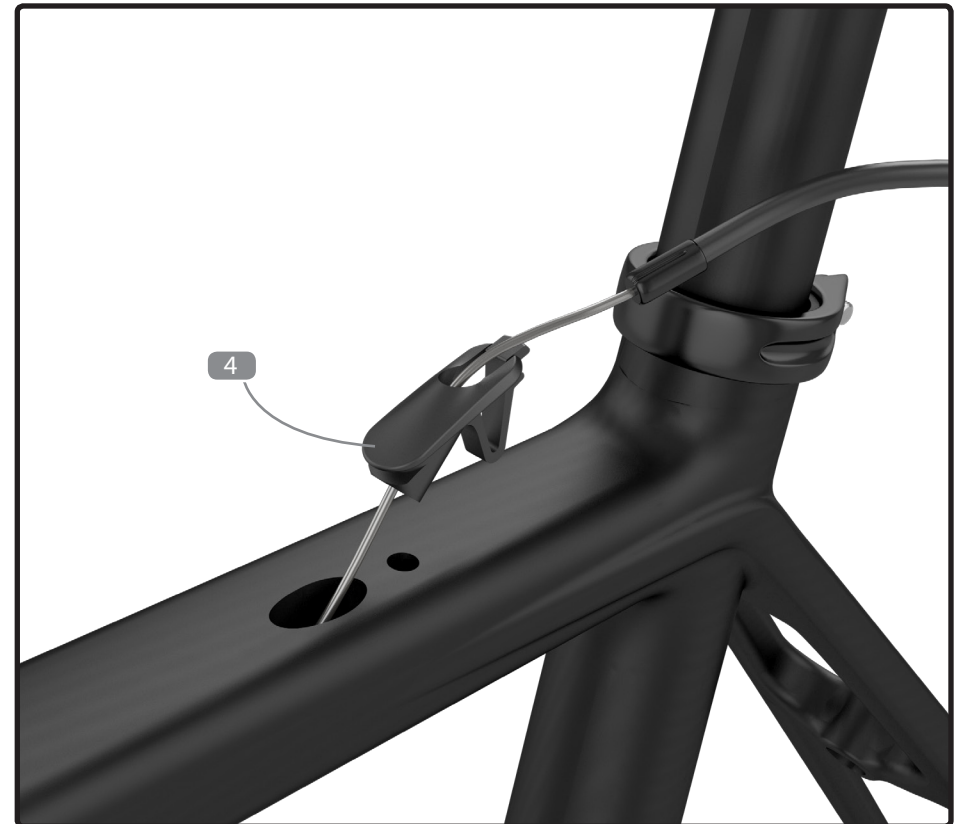
Install the 3D headset (9) according to the pressfit assembly guide. You can choose from 3 different heights : 25mm, 15mm or 0mm.





1. Install the front and rear derailleur cable starting at the head tube.
  2. Install the rear brake cable starting the head tube.
- For the derailleur and brake housing, measure a sufficient length of housing to be able to turn the handlebar both ways correctly.

-  **A** : barrel adjuster
  -  **B** : metal cap
  -  **C** : plastic cap
- speed adjustment : **C+A+C**
- 



#### Rear brake cable housing

Remove the cable stopper (4) near the seat collar.

Front section: Measure the necessary cable housing to ensure a proper rotation of the handlebar. Insert the cable through the shifter, then insert the cable and the housing with a ferrule in the head tube.

Rear section: With a magnet, get the rear brake cable out of the frame, and pass it through the rear cable stopper. Measure the rear housing correctly to avoid interference with the rider's left leg. Fix the cable to the brake according to the brake manufacturer assembly guide.



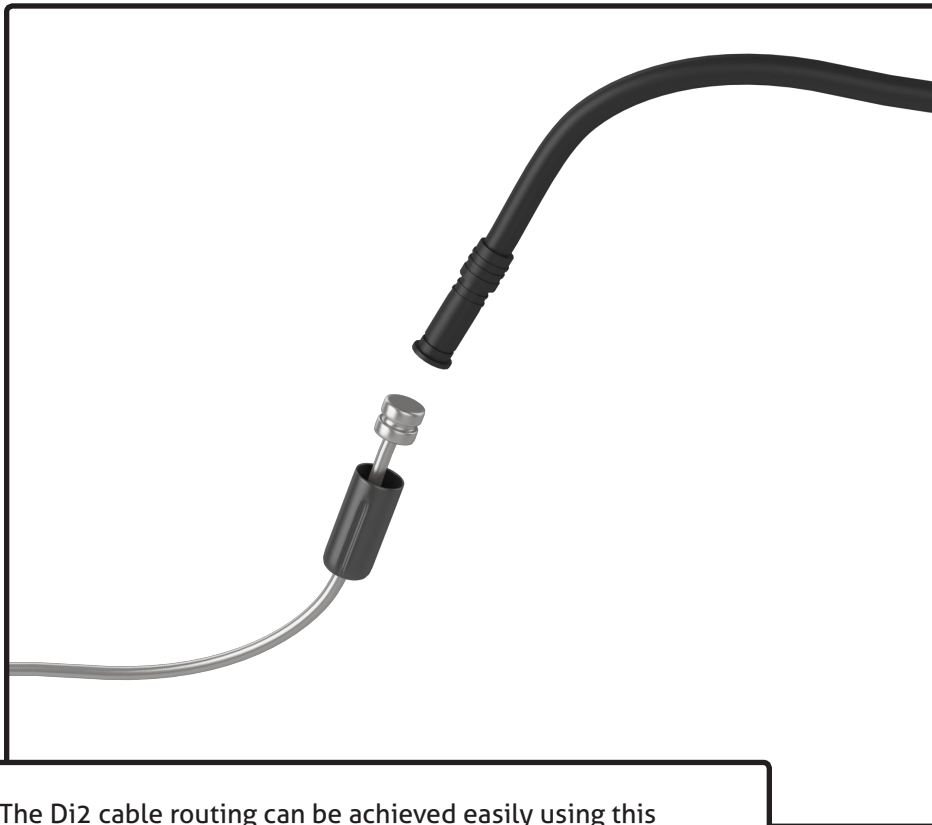
Front and rear derailleur: Pass the two cables inside the frame starting from the top tube until they come out under the bottom bracket.

Pass both cables into the cable guide (19). Make sure the 5mm screw is set to 1.5 Nm.

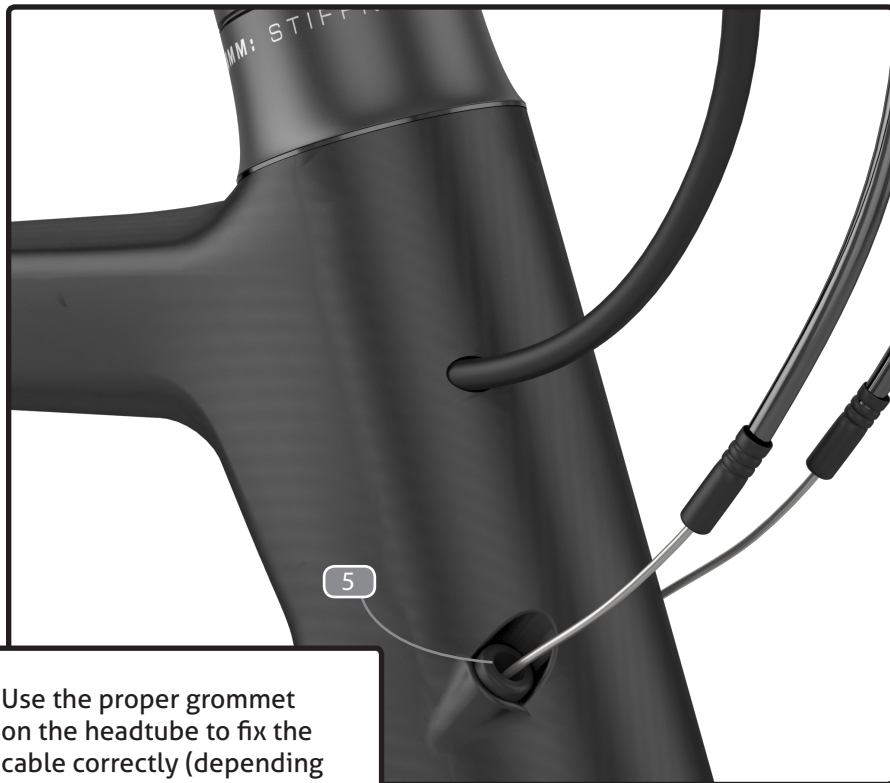
For a Di2 configuration, use the bottom bracket dedicated cover for electric shifting (18).

It's better to install the cables before installing the bottom bracket and crank.

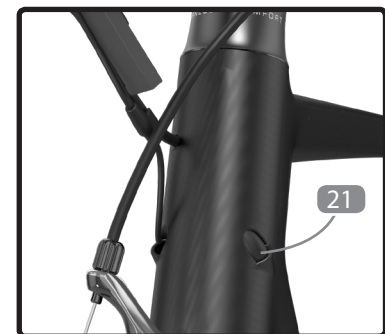
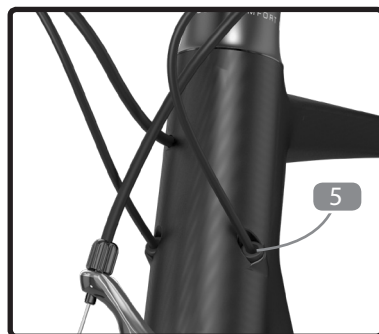


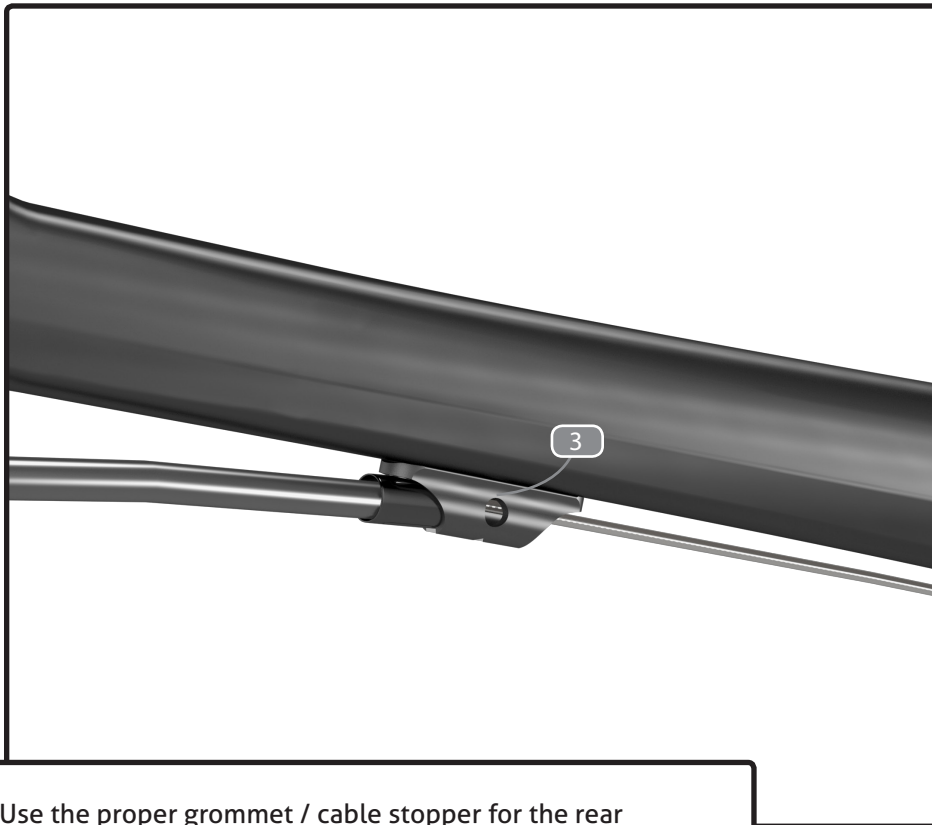


The Di2 cable routing can be achieved easily using this simple trick: use a brake cable and a metal cable end to fix the Di2 cable. For more information about Di2 cable length refer to Appendix (p.19) and for more information about Di2 system installation, go to: <http://si.shimano.com>.



Use the proper grommet on the headtube to fix the cable correctly (depending if you use a mechanical or electronic drive-train).





Use the proper grommet / cable stopper for the rear derailleur (depending if you use mechanical or electronic drive-train).

In a Di2 configuration, remove the cable stopper (3) and use the Di2 grommet (6) instead, but leave the 2 screws to avoid empty holes on the frame.



In a mechanical configuration, use the provided cable guide pipe (12) for the front derailleur. For an electronic drive-train configuration, remove the cable guide pipe and use the proper grommet (23) to fix the cable correctly.



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.





Install the saddle on the rocker (8.4.1) and tighten the rail clamp (8.4.2) using the screw (8.3)

Adjust the angle, the offset of the saddle and tighten the bolt (8.1).



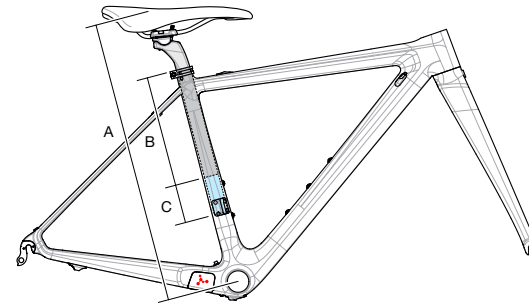
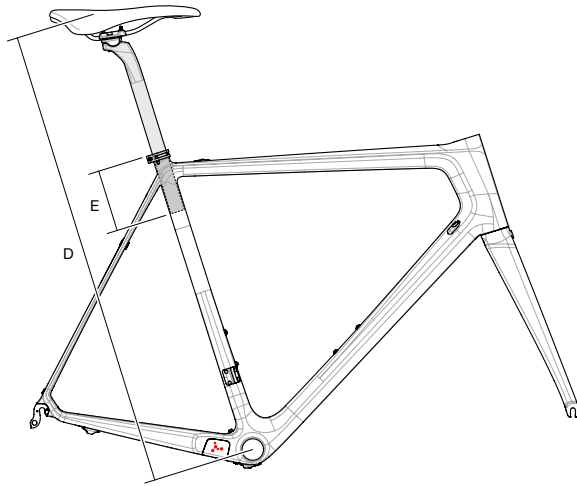
The front derailleur hanger can be adjusted according to the front derailleur angle to get an equal curve between the derailleur and the big chain ring. Once at the right angle, use blue 242 Loctite and screw in at 6Nm.





Di2 Cable Length*						
	Size	250mm	350mm	600mm	950mm	1000mm
<b>Road</b>	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
<b>Triathlon/TT</b>	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 550mm on a XXS-Gallium CS Frame
    - The required minimum SeatPost Cut length is: 45 - (550-523) = 18mm
  - E. Minimal insertion depth in the Frame's SeatTube.

Saddle Height Limits		Gallium CS			
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	523	200	45	688	80
X-Small	558	210	35	723	80
Small	597	250	0	762	80
Medium	635	285	0	800	80
Large	670	320	0	835	80
X-Large	700	350	0	865	80