KRYPTON : ASSEMBLY GUIDE

ARGON 18

Revision 4.0 - 06-15-2016

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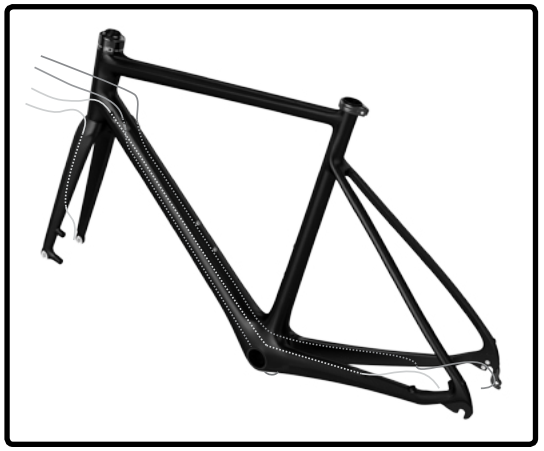
For the warranty to be valid, the bicycle must be fully assembled by an authorized Argon 18 dealer. High end components, particularly carbon parts, need extra care when assembled. Those components must be installed using a calibrated torque wrench to make sure every bolt is at the right torque setting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

1. Frame inspection

2. Headset installation



3. Cable housing installation

IMPORTANT NOTICE: It is easier to install the cables and cable housings before the bearings.

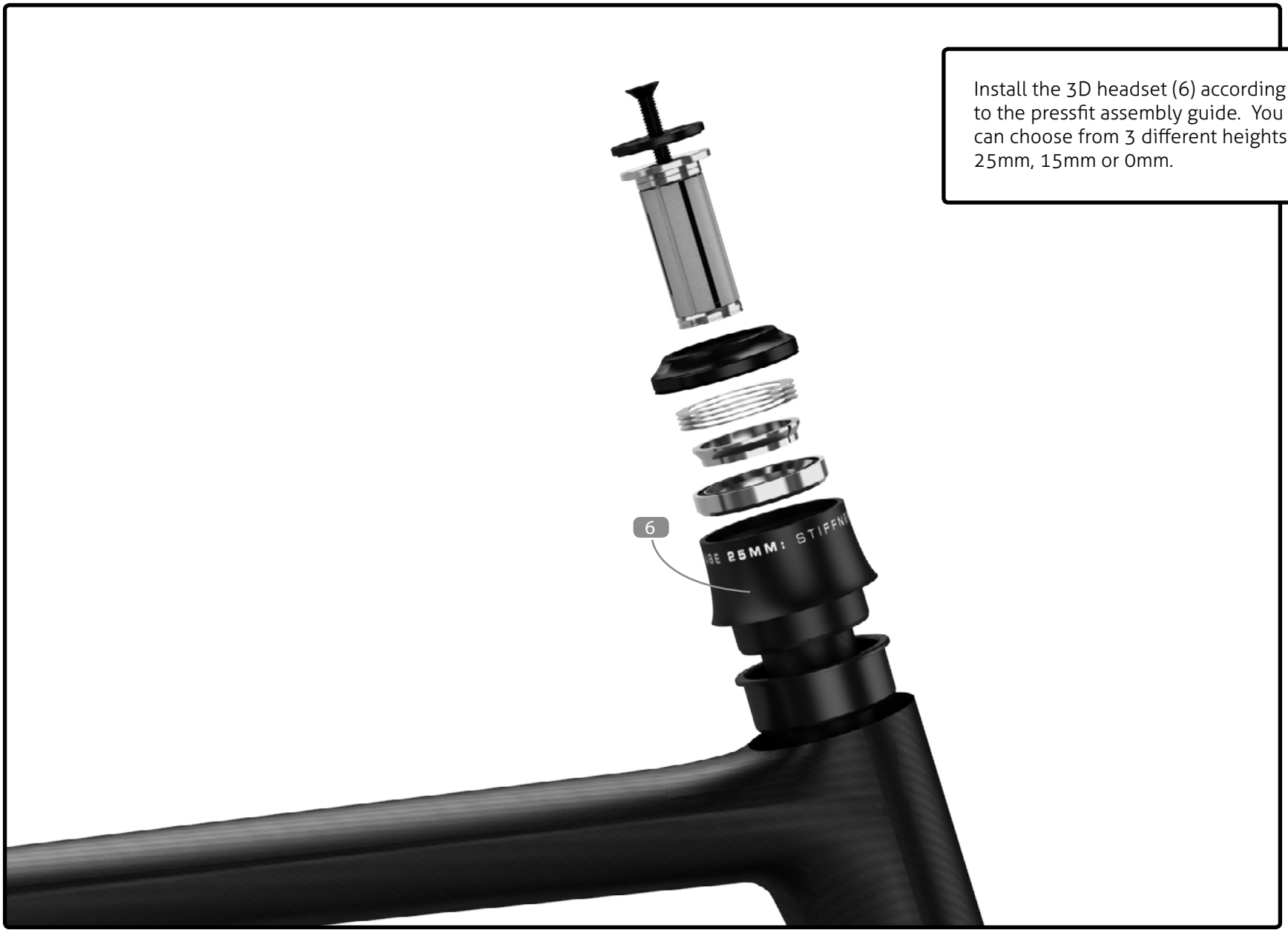
4. Electronic drive-train cable routing specification

5. Seatpost adjustment

6. 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	Tork Nm	Detail
1	Seatpost, Ø 27.2mm	Seatpost			Carbon paste
2	Front derailleur hanger	Screw	3mm	3Nm	Loctite
3	Rear derailleur hanger	Screw (2)	3mm	4Nm	Loctite
4	Bottle cage	Screw (4)	4mm	3Nm	Grease
5	Seatpost collar	Clamp	4mm	6Nm	Grease
6	Rear derailleur cable stopper	Screw (2)	2mm	2Nm	Loctite
7	Bottom bracket cable guide	Screw	5mm	3Nm	Grease



Install the 3D headset (6) according to the pressfit assembly guide. You can choose from 3 different heights : 25mm, 15mm or 0mm.

brake and speed adjustment

Install the front and rear derailleur cable starting at the top of the down tube.

For the derailleur and brakes cable, measure a sufficient lenght of housing to be able to turn the handlebar both ways correctly.

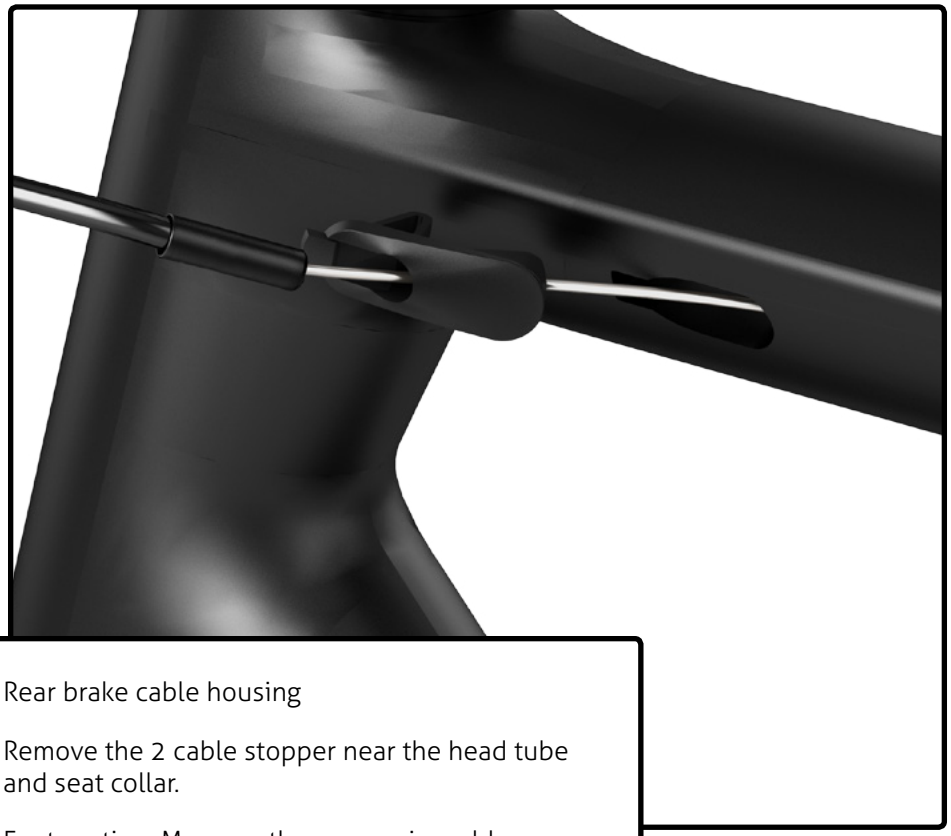
A : barrel adjuster

B : metal cap

C : plastic cap

brake adjustment : **B+A+B**

speed adjustment : **C+A+C**



Rear brake cable housing

Remove the 2 cable stopper near the head tube and seat collar.

Font section: Measure the necessairy cable housing to ensure proper rotation of the handlebar. Insert the cable through the shifter, than insert the cable housing in the top tube.

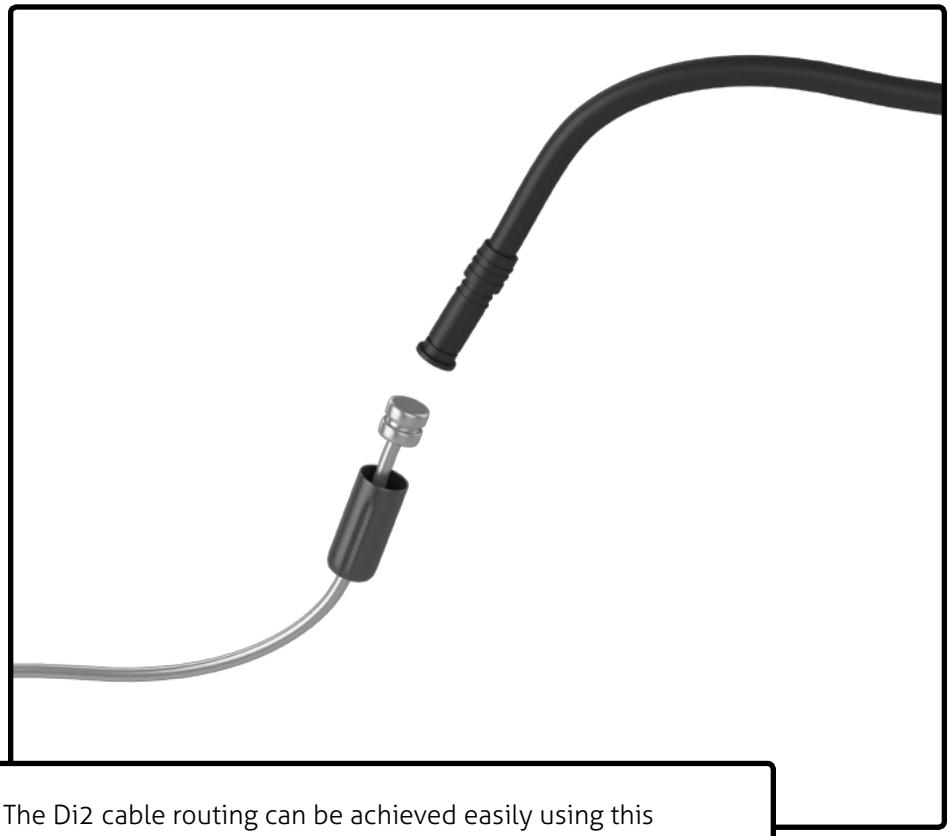
Rear section: With a magnet, get the rear brake cable out of the frame, and pass it trough the rear cable stopper. Measure the rear housing correctly to avoid interference with the rider's left leg. Fix the cable to the brake according to the brake manufacturer assembly guide.

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

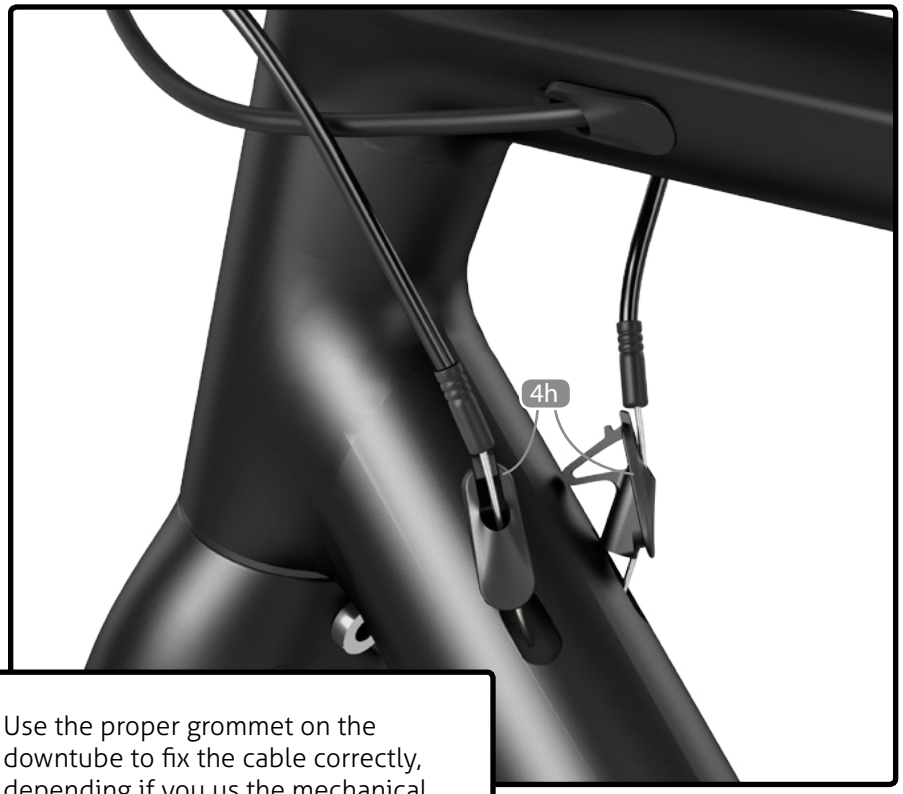
Pass both cables into the cable guide (4d). Make sure the 5mm screw is set to 1.5 Nm.

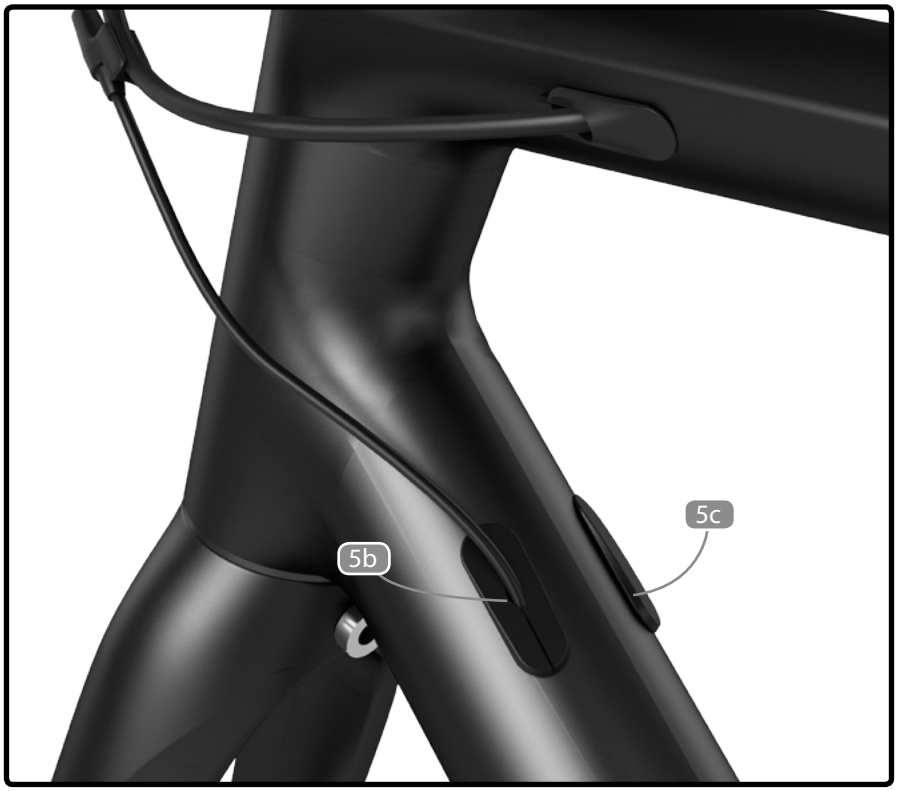
For a Di2 configuration, use the bottom bracket dedicated cover for electric shifting (4i).

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 on Shimano Di2 electronic system installation, go to : http://si.shimano.com.

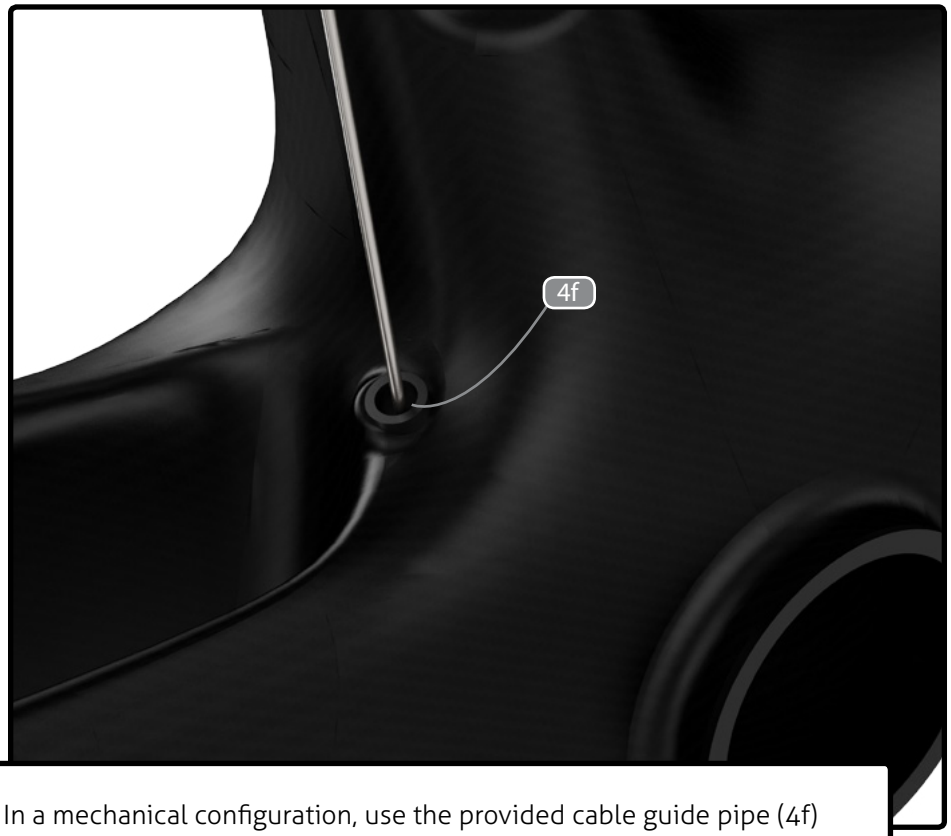




Use the proper grommet on the downtube to fix the cable correctly, depending if you us the mechanical (4h) or electronic (5b-5c) drive-train.

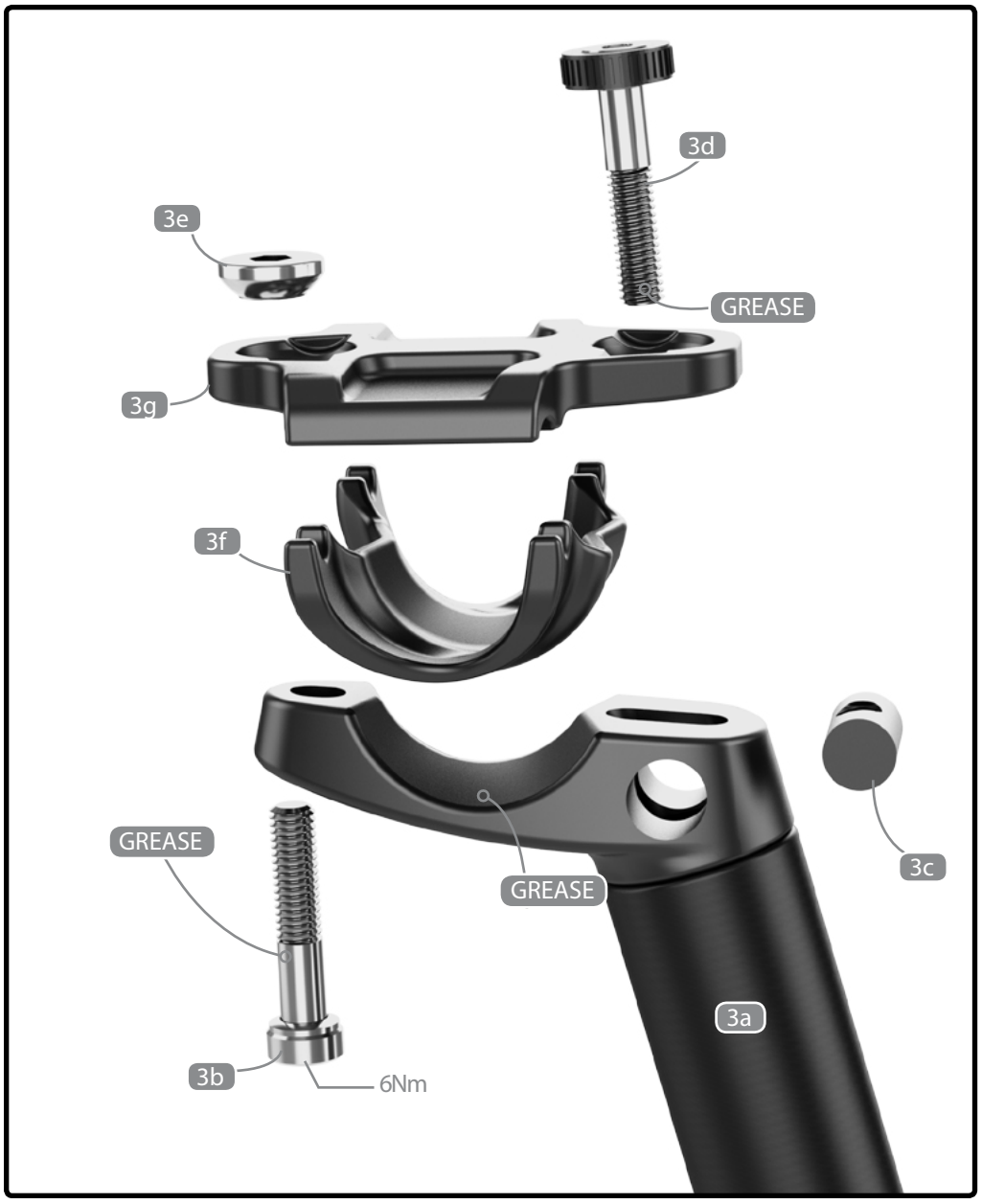
Use the proper grommet/cable stopper for the rear derailleur (depending if you use mechanical or electronic drive-train).

In a Di2 configuration, remove the cable stopper and replace the 2 scews to avoid empty holes on the frame. The Di2 cable is routed inside the chainstay.



In a mechanical configuration, use the provided cable guide pipe (4f) for the front derailleur. For an electronic drive-train configuration, remove the cable guide pipe and use the proper grommet (5a) to fix the cable correctly.

The Di2 battery is hidden in the seatpost, use the 2 battery holder (8) to fix the battery correctly. Apply a slight amount of grease on both parts.



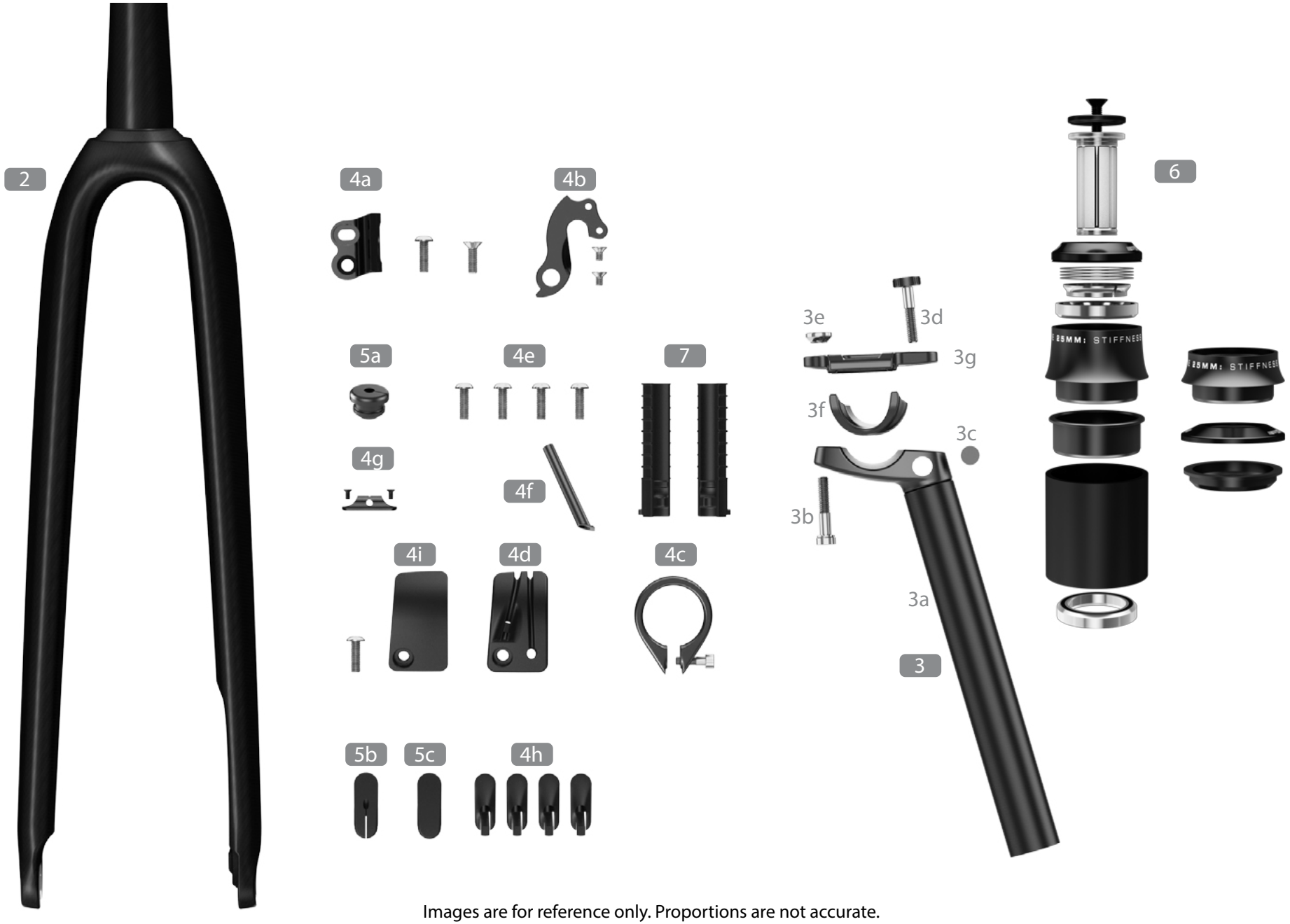
9.1 Install the saddle on the rocker (3f) and tighten the rail clamp (3g) using the screw (3d)

9.2 Adjust the angle, the offset of the saddle and tighten the bolt (3b).

9.3 The rocker and the rail clamp (3f-3g) can be flipped to change the saddle offset.

Seat clamp offset (5mm) by flipping the rail clamp (3g) and rocker (3f).

The front derailleur hanger can be adjusted according to the front derailleur angle to optain 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.



Images are for reference only. Proportions are not accurate.

No.	Name	A18 SKU#	Qty
#	**Frameset Parts**		
1	Krypton frame		
2	Krypton fork	FK.KRYBLK.212B and FK.KRYWHT.212A	1
#	**Seat post with the following parts assembled**		
3a	Krypton seat post (ASP-1600)	SP.KRYBLK.212B and SP.KRYWHT.212A	1
3b	Hex cap screw (M6*28mm)		1
3c	Cylinder nuts		1
3d	SP special bolt (M8*38mm)		1
3e	Convex M6 washer		1
3f	Rocker		1
3g	Rail clamp		1

No.	Name	A18 SKU#	Qty
#	**Parts installed on the frame**		
4a	Rear derailleur hanger with screws M4x8mmF - Model C	37830	1
4b	Front derailleur hanger with screws M5x16mmB & M5x16mmF - Model D	36197	1
4c	Seat clamp with screw M5x20mmS and washer	38256	1
4d	BB cable guide with screw round head Phillips M5*10mm	38257	1
4e	Screws for water bottle cage M5*16mmB	38234	4
4f	BB cable guide pipe	38258	1
4g	Removable CS cable stopper with screws M3x10mmF	36682	3
4h	Plastic cable stopper	38756	4
4i	Di2 BB recess cover guide with screw round head Phillips M5x10mm	38260	1
#	**Di2 configuration specific parts**		
5a	FD wire grommet	38891	1
5b	Downtube Di2 Grommet	38892	1
5c	Downtube Di2 Grommet filler	38893	1
#	**Also included with the frameset - shipped separately**		
6	No 37 E + 3D w/TH-881-1	80096	1
7	Di2 Battery holder	38446	1 set