

**TREK**



# 2022 FX SPORT CARBON

SERVICE MANUAL SUPPLEMENT

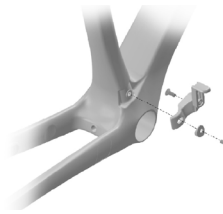
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	FX Sport Carbon
Rear hub OLD	135mm
Front hub OLD	100mm
Upper fork steerer tube OD	28.6mm
Lower fork steerer tube OD	28.2mm
Bottom bracket type/width	Pressfit, 86.5mm
Brake rotor diameter min/max	140/180mm
Chainline (Sx)	50mm
Chainline max	Sx 44t
Tire width max 700c (with fenders)	Front 42mm Rear 42mm
Tire width max 700c (with fenders)	Front 40mm Rear 40mm

[Specifications](#)

## Safety

### WARNING

#### Properly tighten hardware

Always tighten hardware to the specified torque. Over-tightening hardware could deform or break the hardware or components. Under-tightening hardware could cause hardware or components to become loose. Either situation could damage the bicycle and result in injury to the rider.

### WARNING

#### Reapply threadlocker

All reused-fasteners with pre-applied threadlocker must be cleaned with isopropyl alcohol and have new threadlocker applied before re-assembly. If threadlocker is not applied, the fasteners may loosen which could damage the bicycle and result in injury to the rider.

## Legend



Apply appropriate grease



Apply threadlocker

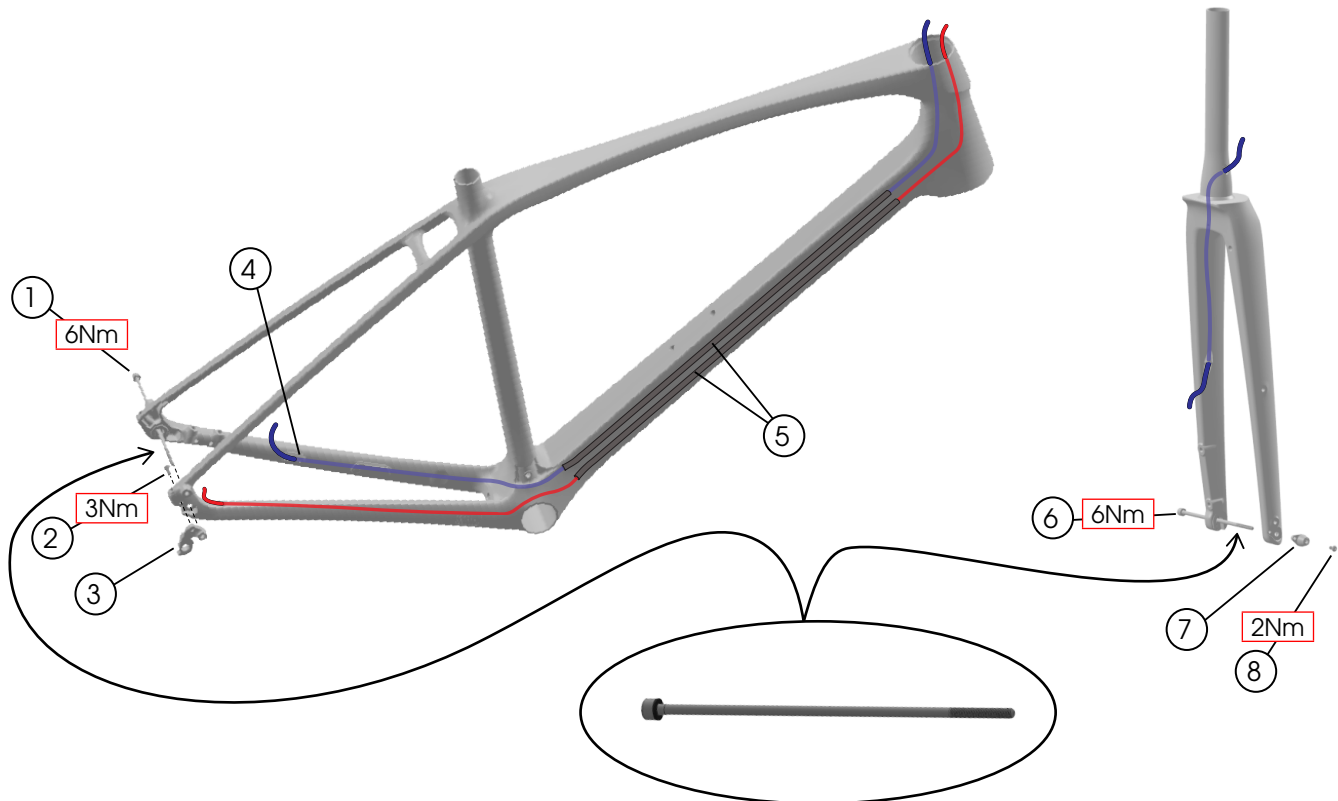


Torque



Zip tie

## Brake/shift routing

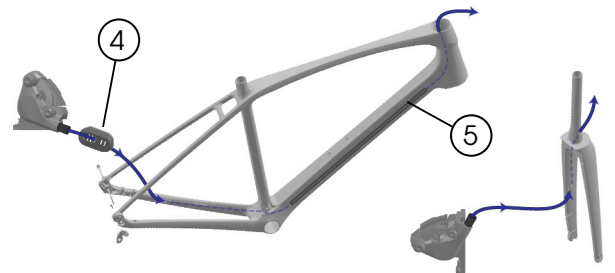


**NOTE:** Use a threaded thru-skewer only (1, 6). Other skewers will not securely connect the hub to the dropouts.

- ① Rear skewer – W5267150
  - ② Rear derailleur hanger bolt (M4x14mm) – W5270010
  - ③ Rear derailleur hanger – W5260077
  - ④ Rear brake grommet – W330578
  - ⑤ Foam housing sleeves (60cm) – W528082
  - ⑥ Front skewer – W5267149
  - ⑦ Captured nut (M5)
  - ⑧ Bolt (M5x8mm)
- } 5273062

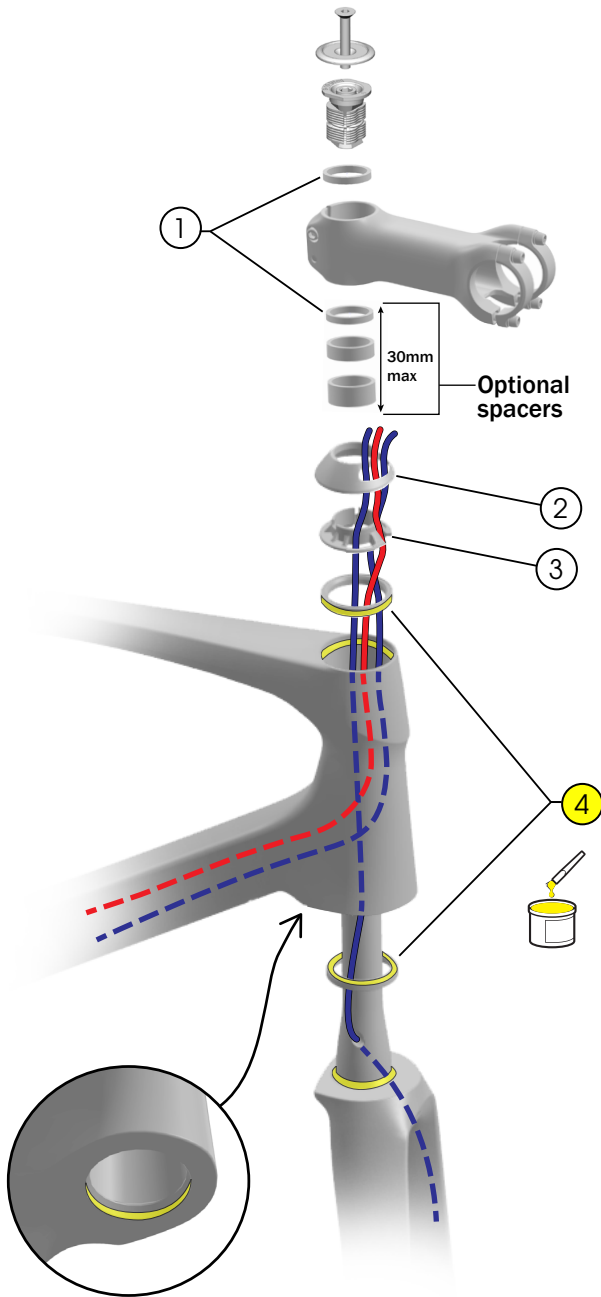
### Route the brake hoses

1. Connect the calipers to the brake hoses.
2. Route the rear brake hose through the grommet (4) and foam sleeve (5). Route both brake hoses as shown below.




3. Loosely attach the calipers to the chainstay and fork (this keeps the hoses from sliding out).

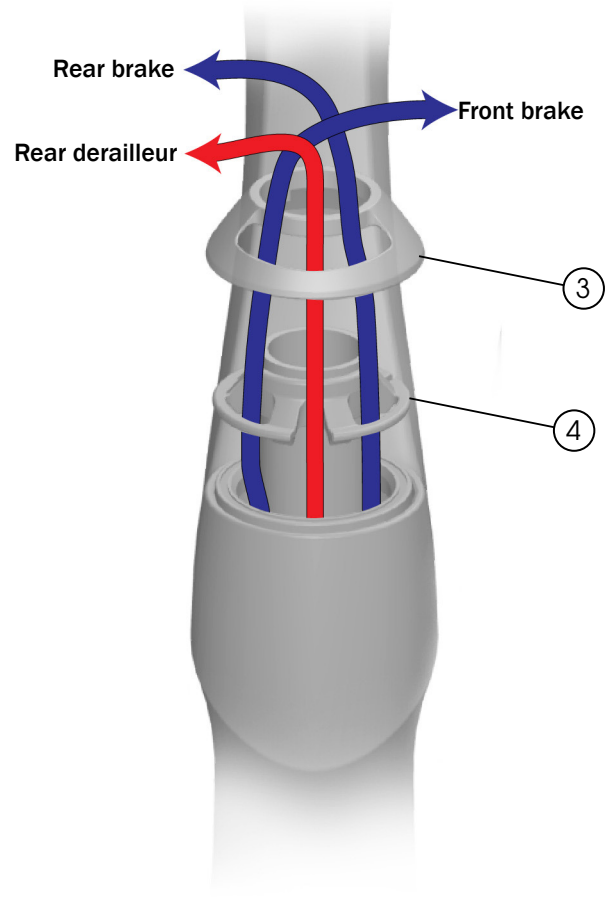
# Fork and headset



- ① Spacer (5mm) – 5253930
  - ② Headset routing cap
  - ③ Headset split ring
  - ④ Headset bearings – W540243
- } 5273154

## Install the headset

1. Clean the steerer tube using isopropyl alcohol.
2. Grease both bearings (4), the fork crown race, and the inside of the head tube as shown to the left.
3. Insert the fork into the head tube. 
4. Route the shift housings and brake hoses through the split ring (3) as shown below.



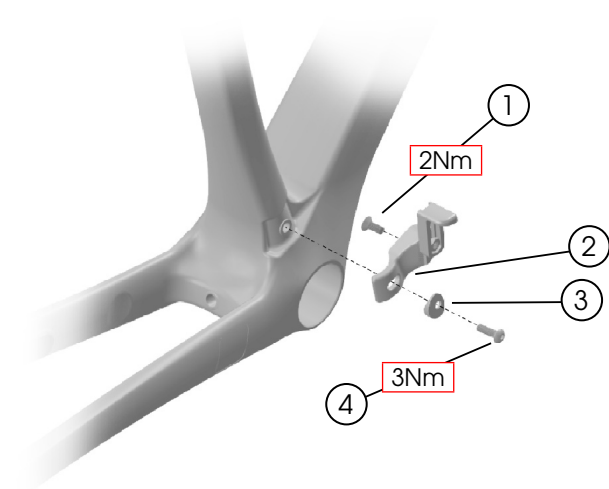
5. Complete the headset assembly as shown to the left.

## Cutting the steerer tube

If cutting the steerer tube, cut flush or slightly above the top of the stem (this helps hold the 5mm spacer above in place).

**NOTE:** Before cutting, make sure the stem is set to the final desired stack position.

# Chainkeeper



① Bolt (M5x12mm)

② Chainkeeper

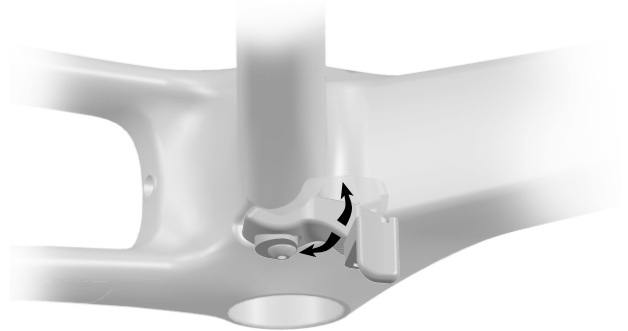
③ Curved washer (M5)

④ Bolt (M5x16mm)

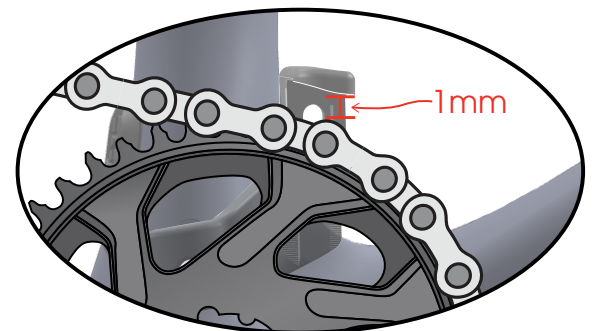
W541421

## Adjust the chainkeeper

1. Shift to the lowest gear (largest rear cassette cog).
2. Loosen the bolt (4). Rotate the chainkeeper (2) until there is a 2-3mm gap between the chainring or chainring bolts. Tighten the bolt to 3Nm.



3. Loosen the screw (1) on the back of the chainkeeper.
4. Move the loose piece up or down so there is 1mm of vertical clearance to the chain.



5. Tighten the bolt on the back of the chainkeeper to 2Nm.

# Specifications

		FX Sport Carbon
<b>Rear hub OLD</b>		135mm
<b>Front hub OLD</b>		100mm
<b>Upper fork steerer tube OD</b>		28.6mm
<b>Lower fork steerer tube OD</b>		38.1mm
<b>Bottom bracket type/width</b>		Pressed/86.5mm
<b>Brake rotor diameter min/max</b>		140/160mm
<b>Chainline (1x)</b>		50mm
<b>Chainring max</b>	<b>1x</b>	44t
<b>Tire width max 700c</b> (without fenders)	<b>Front</b>	42mm
	<b>Rear</b>	42mm
<b>Tire width max 700c</b> (with fenders)	<b>Front</b>	40mm
	<b>Rear</b>	40mm