

**TREK**



# 2024 DOMANE AL GEN 4

SERVICE MANUAL

# Contents

## [About this manual](#)

- ★ Cable (zip) tie
- Nm Torque value
-  Apply appropriate threadlocker
-  Apply appropriate grease

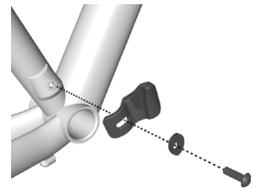
## [Brake/shift routing](#)



## [Universal derailleur hanger \(UDH\)](#)



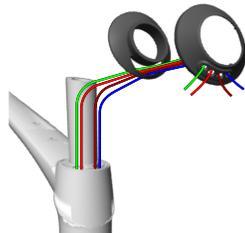
## [Chain keeper](#)



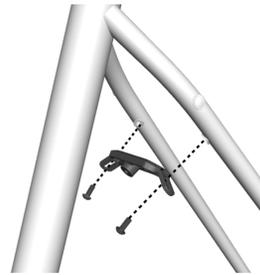
## [Head set](#)



## [Install the headset](#)



## [Frame mounts](#)



# About this manual

## Scope

This manual contains parts diagrams, specifications (such as grease and torque values), instructions, part numbers and helpful tips. It does not contain instructions for all components (such as brake callipers). Refer to the original manufacturer for more information.

## Replacement parts

Trek recommends using only Trek OEM (original manufacturer) replacement parts.

## Additional info

The Owner's Manual is available at [Trekbikes.com/manuals](http://Trekbikes.com/manuals).

## Legend

 Cable (zip) tie

 Torque value

 Apply appropriate threadlocker

 Apply appropriate grease

## Safety

### WARNING

#### Tighten hardware properly

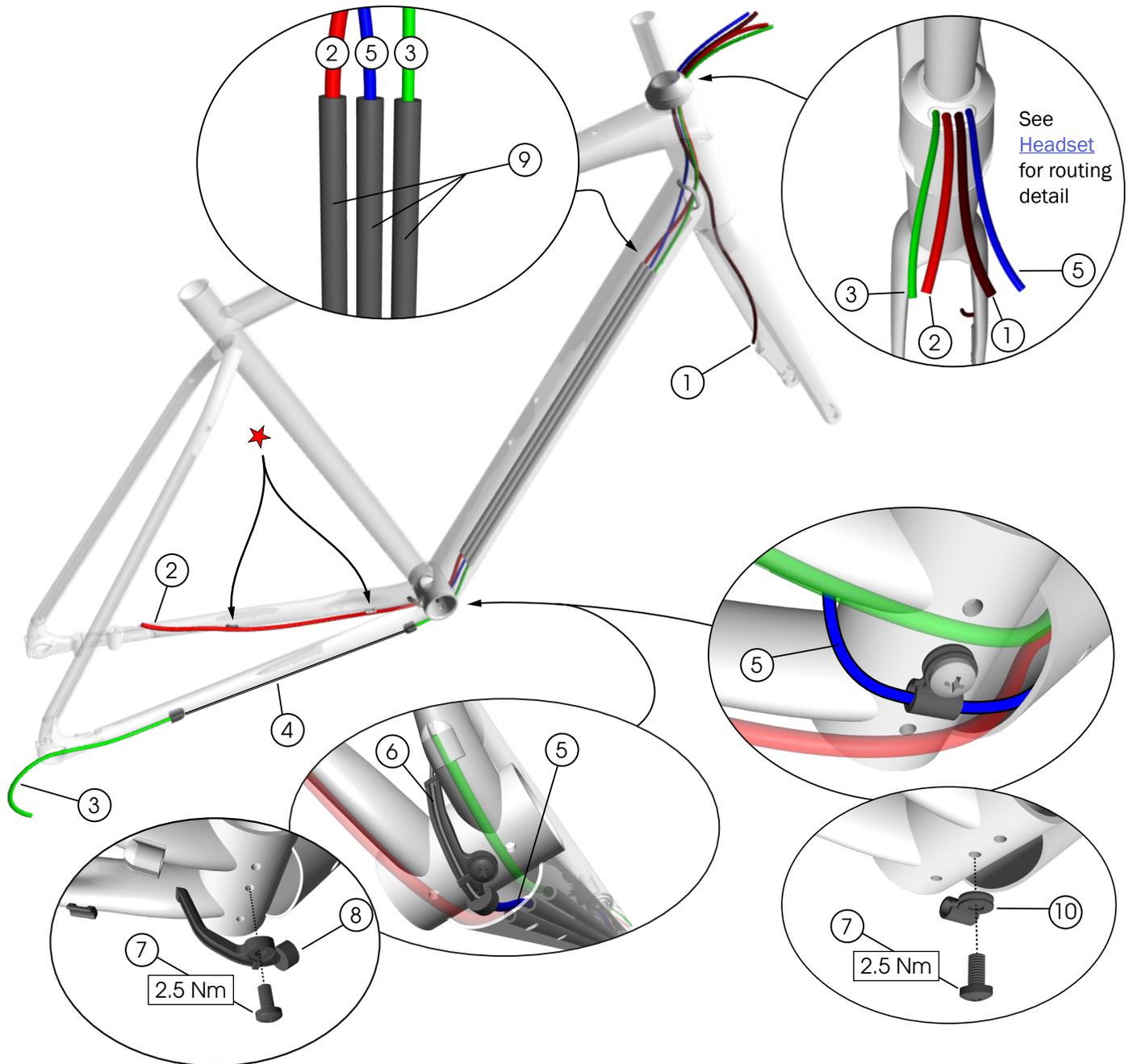
Always tighten hardware to the specified torque. Over-tightening hardware could deform or break the hardware or components. Under-tightening hardware could cause hardware or components to become loose. Either situation could damage the bicycle and result in injury to the rider.

### WARNING

#### Re-apply threadlocker

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

# Brake/shift routing



① Front brake hose.

② Rear brake hose

③ Rear derailleur housings

④ Rear derailleur cable

⑤ Front derailleur housing

⑥ Front derailleur cable

⑦ Fastener (M5x10 mm)

⑧ Cable guide

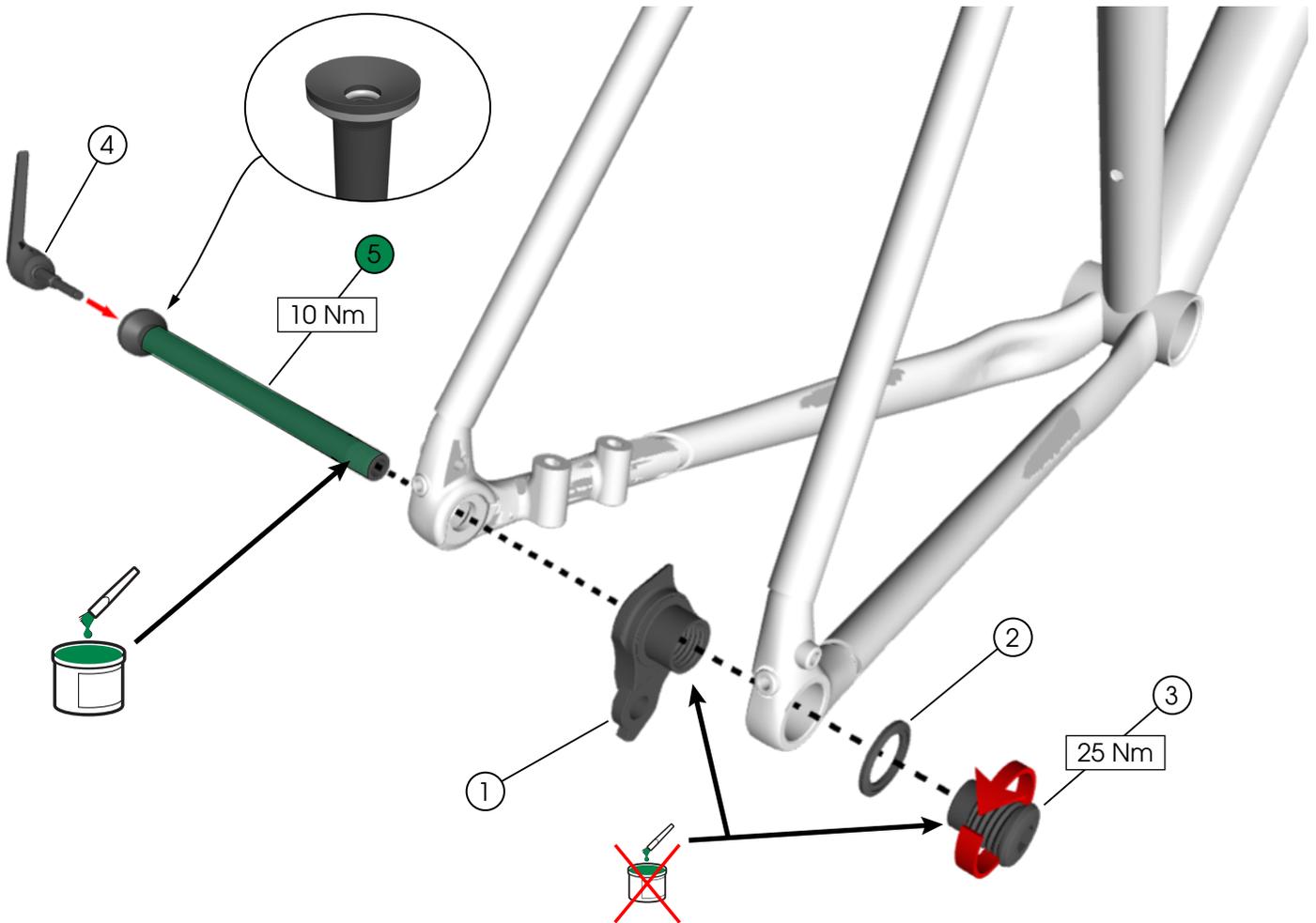
⑨ Foam sleeves - W528082

Cable guide (P-clamp) - 553369

⑩ **NOTE:** This part is used with Shimano 105 front derailleurs only.

W575392

# Universal derailleur hanger (UDH)

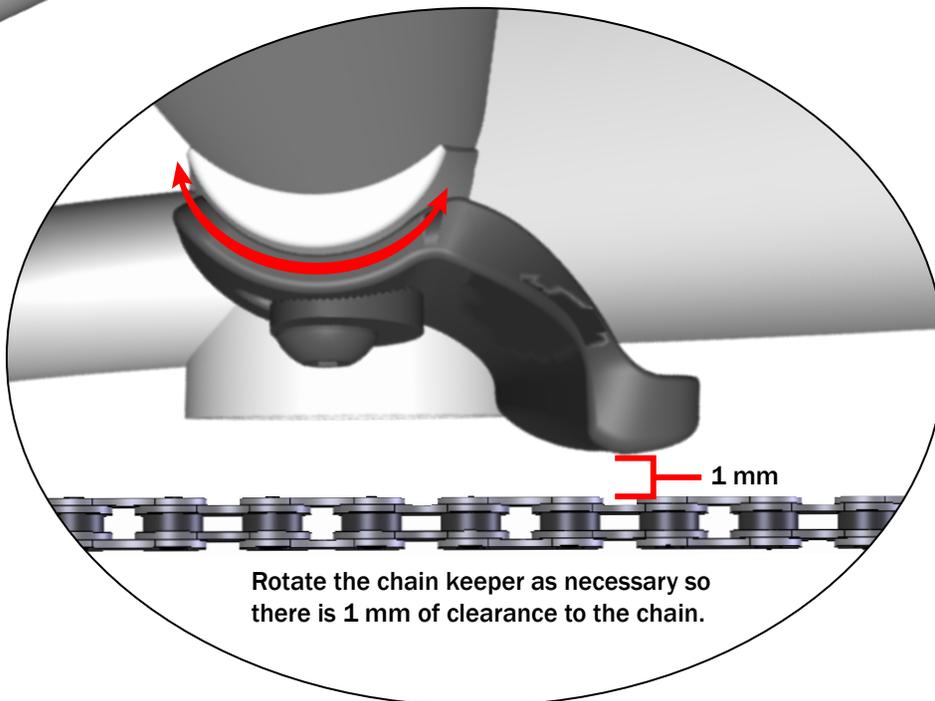
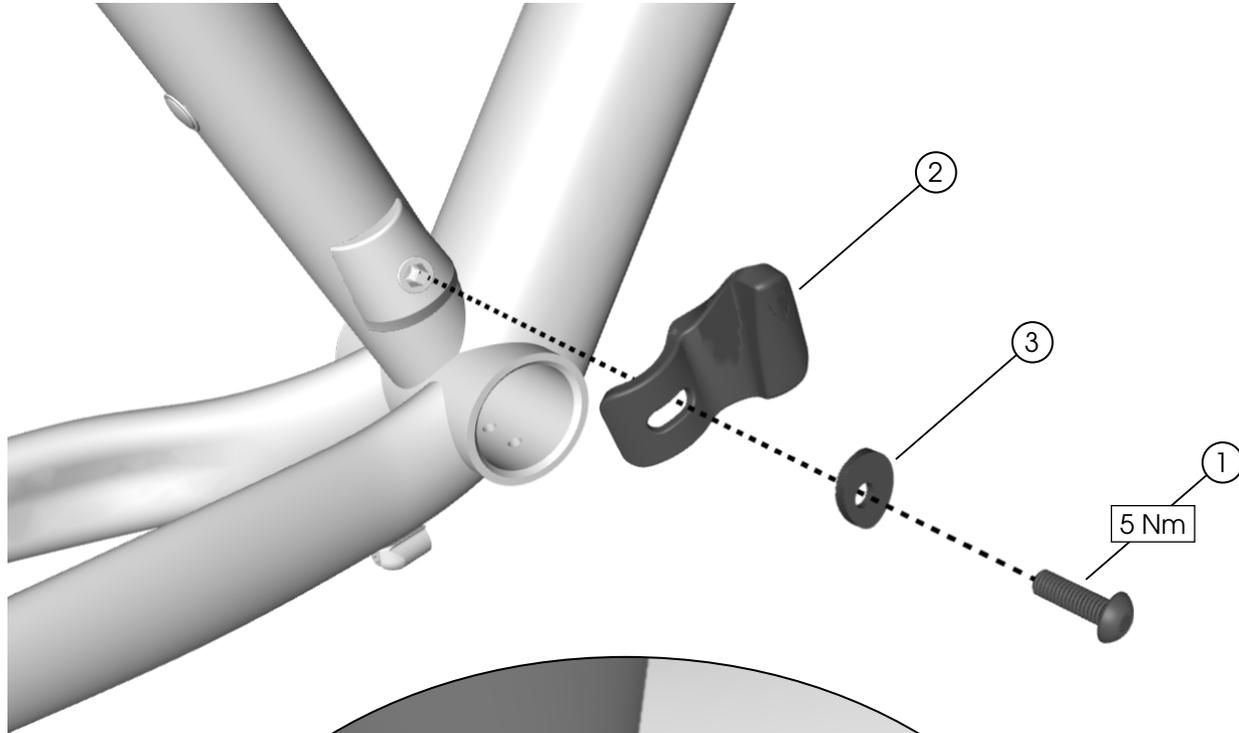


- ① Rear derailleur hanger  
**NOTICE:** Do not apply grease.
- ② Washer (25 mm)  
Bolt (M12)
- ③ **NOTICE:** Do not apply grease. Left-hand thread. Do not over-tighten. Over-tightening could cause the hanger to break.
- ④ Lever (6 mm Allen) - W5312899
- ⑤ Thru-axle (M12x166 mm) - 5312169

W5271424

For additional information about the UDH, refer to the SRAM user manual at [sram.com](http://sram.com).

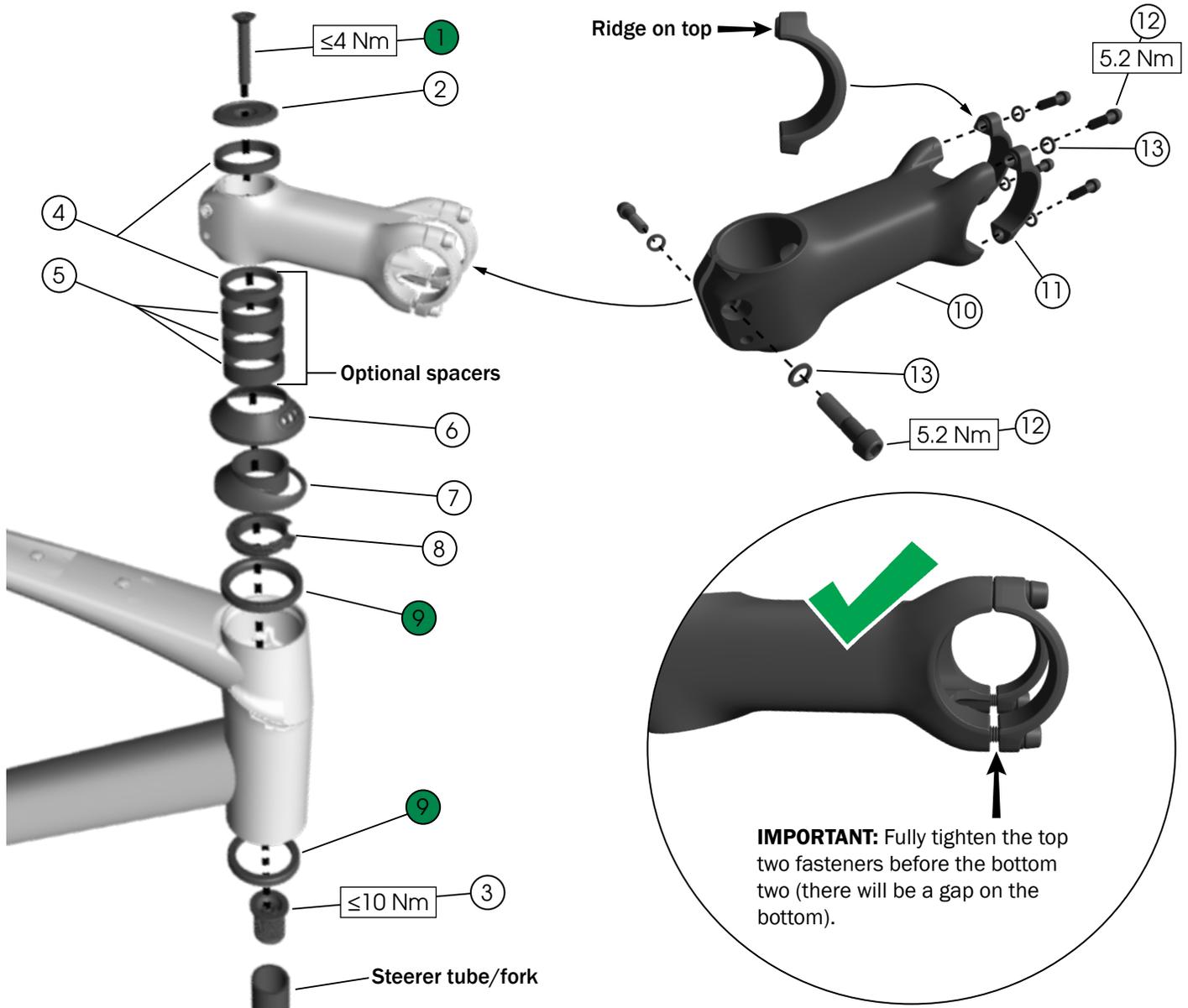
## Chain keeper



- |   |                       |          |
|---|-----------------------|----------|
| ① | Fastener (M5x16 mm)   | } 431223 |
| ② | Chain keeper (30-36T) |          |
| ③ | Washer                |          |

# Head set

See [Install the headset](#) on pages 7-9 for complete instructions.



- ① Top cap fastener
  - ② Top cap
  - ③ Compression plug
  - ④ Spacers, 5 mm - 5253930
  - ⑤ Spacers, 10 mm - 5253931
  - ⑥ Shroud - W5308932
- } W547432

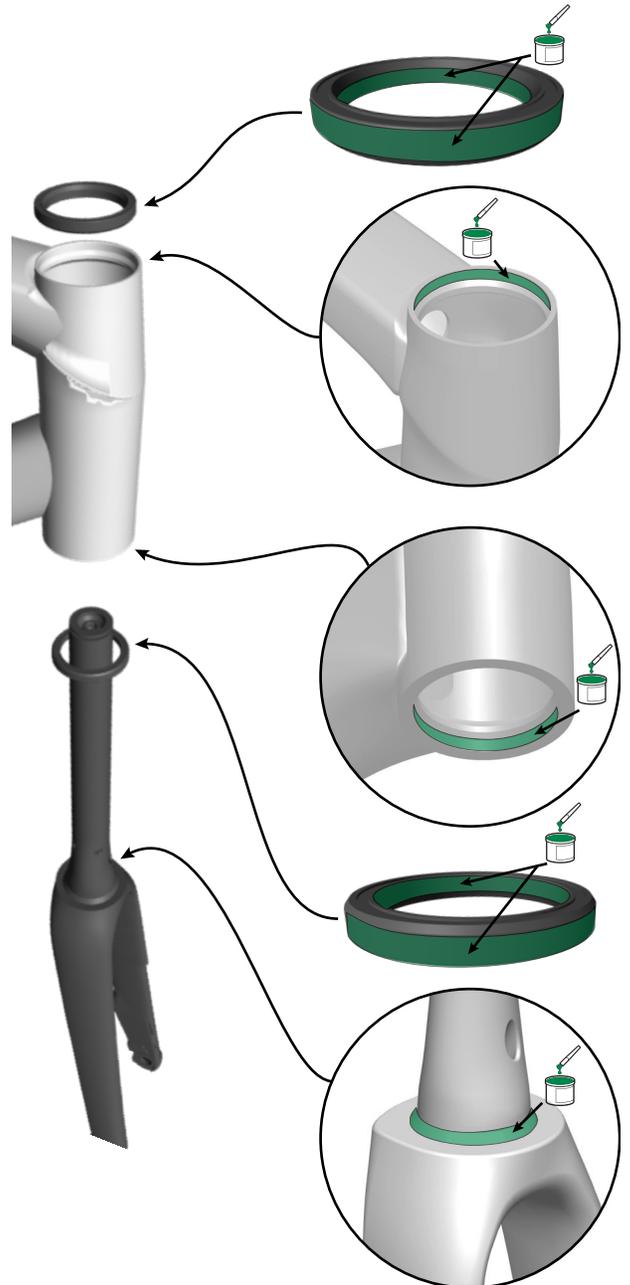
- ⑦ Bearing cover - W5274615
  - ⑧ Split ring - W5274269
  - ⑨ Bearings - W540243
  - ⑩ Stem, Elite (° 7 x 80 mm)
  - ⑪ Face plates
  - ⑫ Stem fasteners (M5x15 mm)
  - ⑬ Washers (M5)
- } 587666

## Install the headset

1. Install the compression plug into the steerer tube.

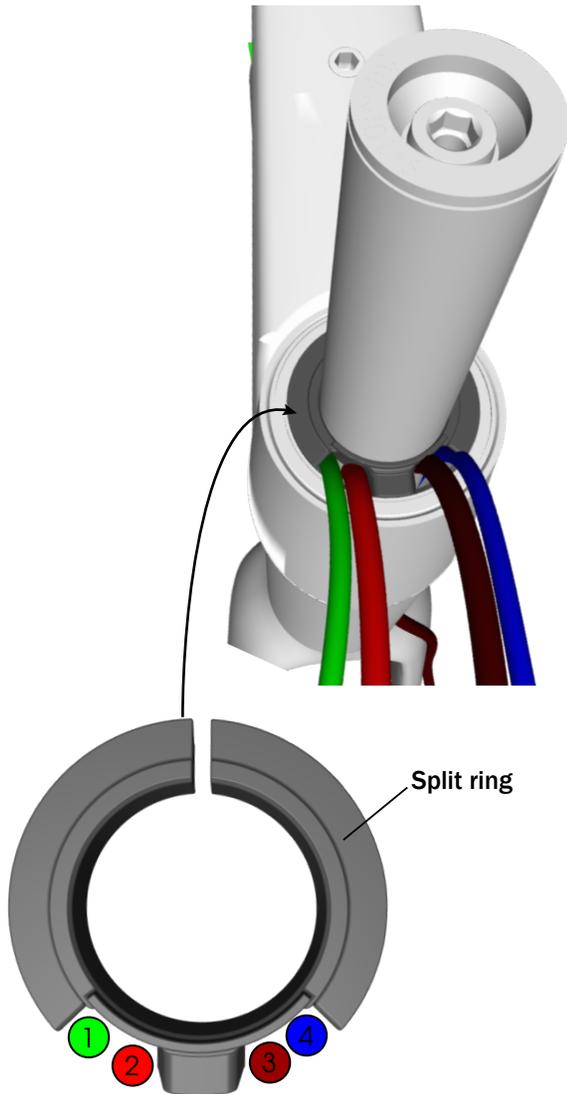


2. Grease the headset bearings and locations shown below.



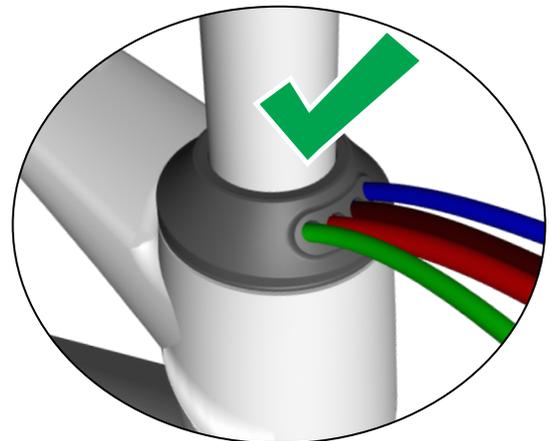
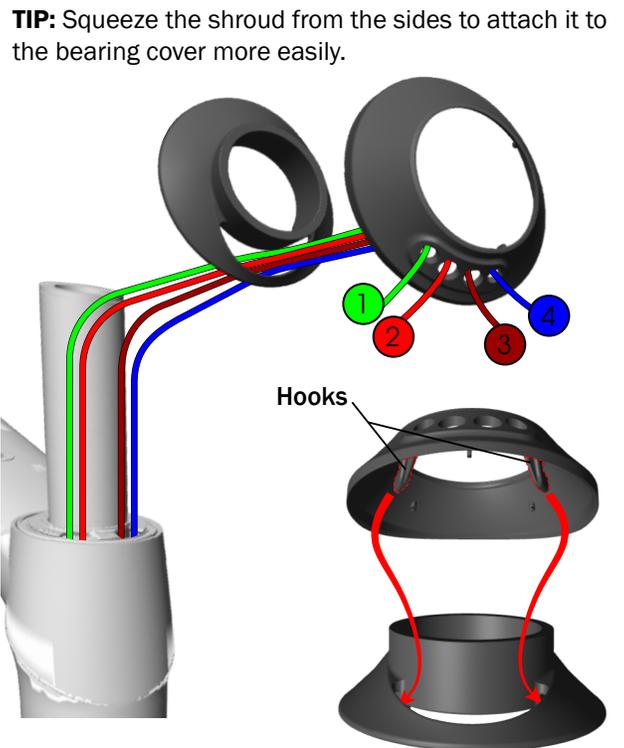
## Install the headset (continued)

3. Route the split ring down the steerer tube and seat it into the upper bearing.



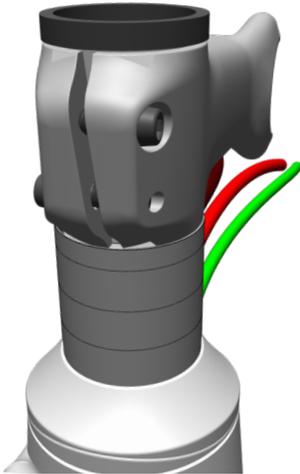
- 1 Rear derailleur housing
- 2 Rear brake hose
- 3 Front brake hose.
- 4 Front derailleur housing

4. Route the bearing cover and shroud through the housings and snap them together. Make sure to press together any gaps.

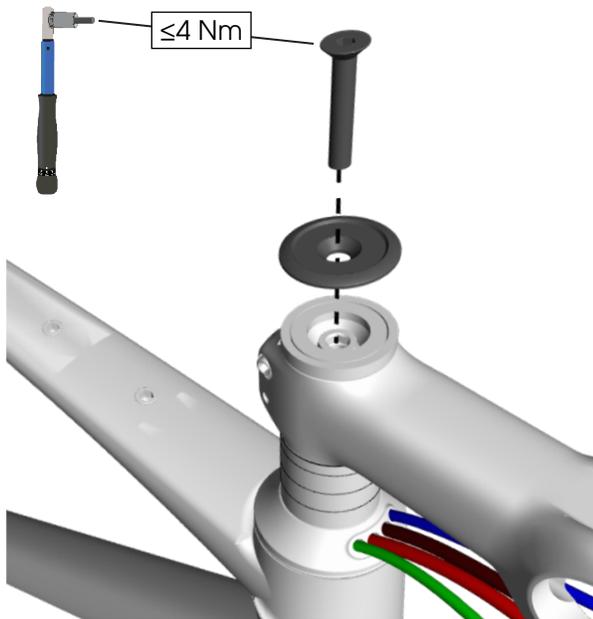


## Install the headset (continued)

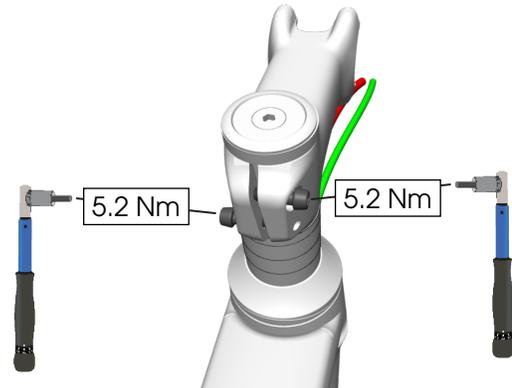
5. Slide the spacers and stem down the steerer tube – do not tighten the stem fasteners.



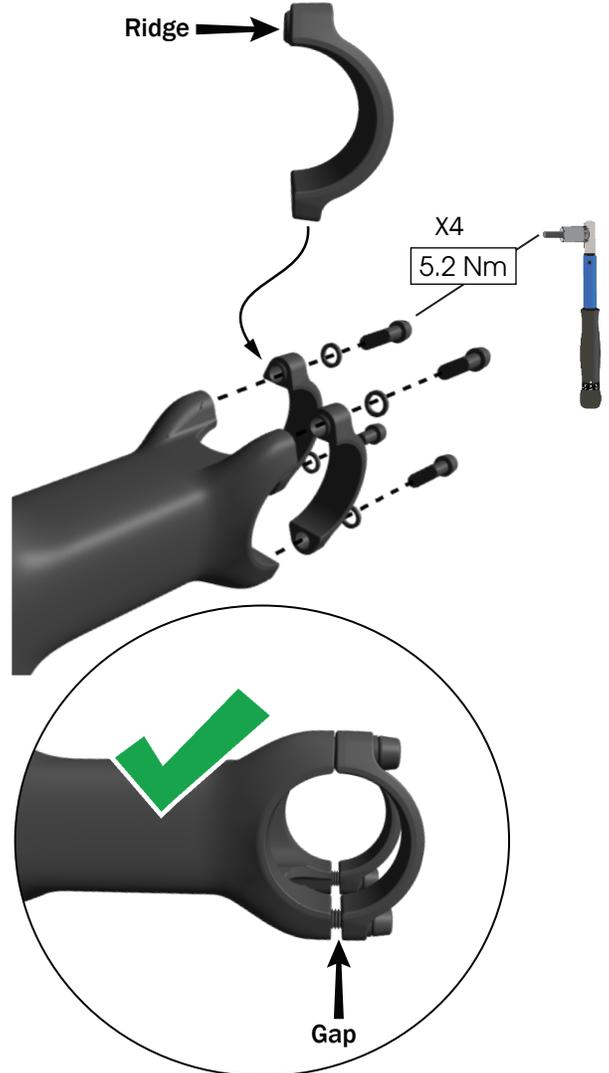
6. Install the top cap and top cap fastener.



7. Tighten the stem fasteners – alternating between them – until both are torqued to 5.2 Nm.

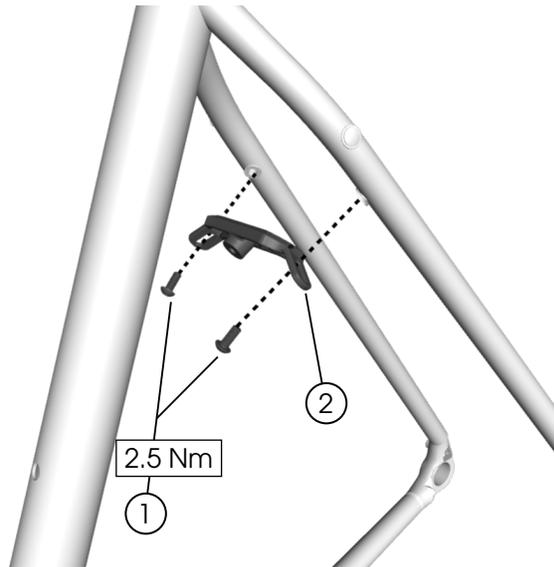


8. Install the face plates and face plate fasteners. Fully tighten the top two bolts before the bottom two (there will be a gap on the bottom).



## Frame mounts

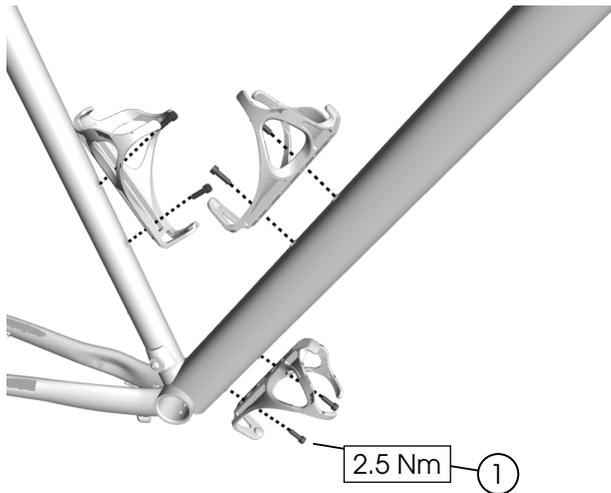
### Rear fender bridge



- ① Fasteners (M4x10 mm) – W5308932
- ② Mudguard bridge – W5312166

### Water bottle mounts

**NOTE:** Water bottle cages are sold separately.



- ① Fasteners (M5x16 mm) – 5257275

# Specifications

## Frame

		Domane AL
<b>Rear hub OLD</b>		142mm
<b>Front hub OLD</b>		100mm
<b>Upper fork steerer tube OD</b>		28.6mm
<b>Lower fork steerer tube OD</b>		38.1 mm
<b>Brake rotor diameter min/max</b>	<b>Front</b>	140/160 mm
	<b>Rear</b>	140/160 mm
<b>Tyre width max 700c</b>	<b>With mudguards</b>	35mm
	<b>Without mudguards</b>	38 mm (as measured when the tyre is seated on the rim)
<b>Mudguard compatible</b>	<b>Front</b>	Yes
	<b>Rear</b>	Yes

## Chainline/chain ring

Chain line	Max chain ring teeth (T)		
	Small	Large	Single (1x)
43.5 mm	39T	53T	
43.5 mm	—	—	50T