

TREK



Slash+ 2025

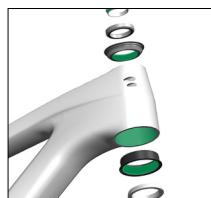
SERVICE MANUAL

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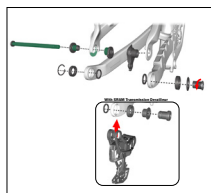
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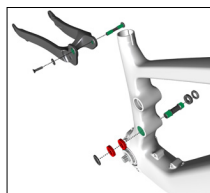


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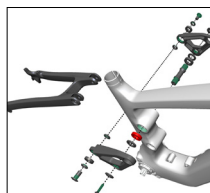
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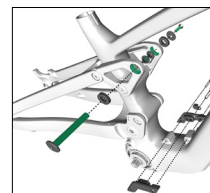
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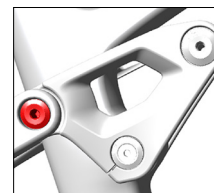
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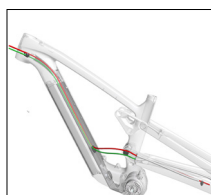


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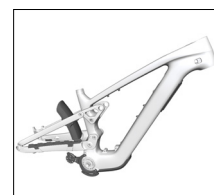


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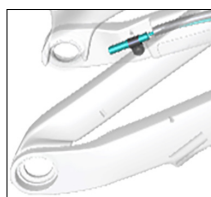
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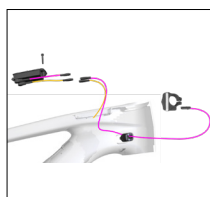


[Guards](#)

E-system



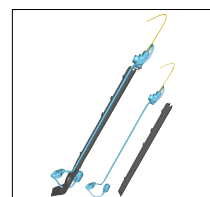
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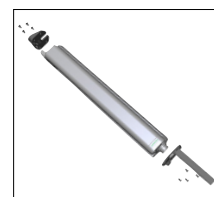
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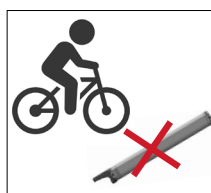
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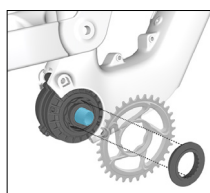
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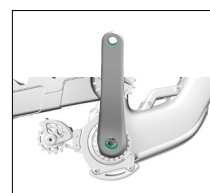
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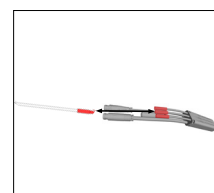
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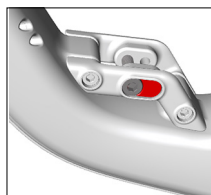


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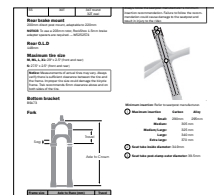
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Adjust the progression



[Adjust the progression](#)

Specs



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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 grease



Do not apply grease



Apply threadlocker



Nm

Torque



Zip tie

Scope

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

Additional resources

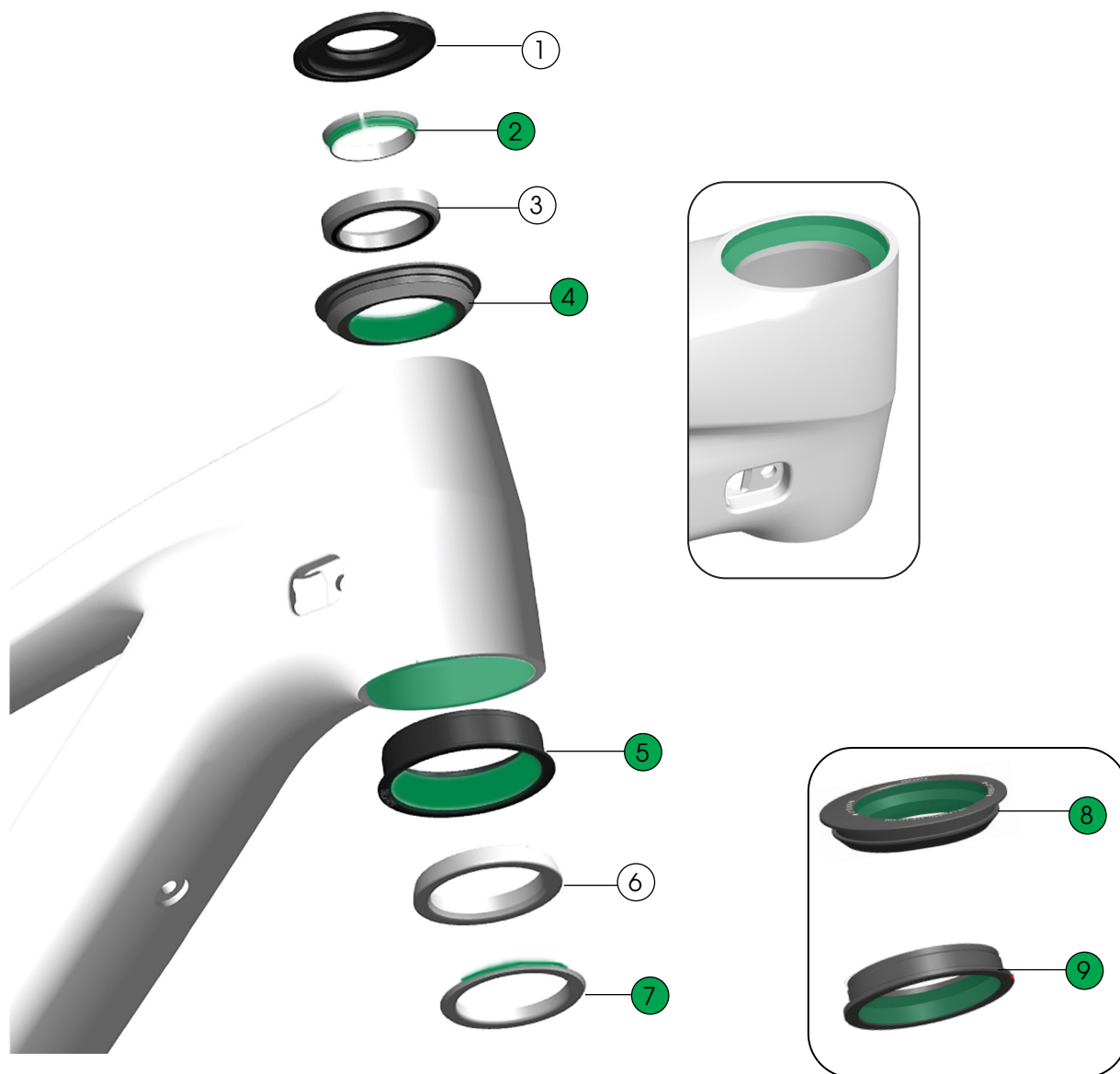
- Trek Bicycle Owner's Manual: trekbikes.com/manuals
- TQ Quickstart Guide: trekbikes.com/manuals
- TQ Comprehensive Owner's Manual: trekbikes.com/manuals
- TQ Service Manual: tq-ebike.com
- Trek's YouTube channel: youtube.com/trekbikes

NOTICE:

- This e-bike is authorized for use ONLY with a 27.5" rear wheel.
- Installation of a different size wheel could change the classification of the e-bike and make it ineligible for operation depending on state/local laws.
- Dealers: you are not authorized to install a larger wheel or to knowingly sell a larger wheel for installation on the bike.

Adjustable headset

Optional: For instructions on switching to the angle adjustable cups, see the Adjustable Headset Instructions on the Slash+ page on trekbikes.com.



① Upper bearing cover — W5275173

② Compression ring — W532842

③ Upper bearing — W531676

④ Upper cup, 0° angle — 5304949

⑤ Press-fit lower cup, 0° angle — 5304949

⑥ Lower bearing — W532843

⑦ Crown race — W532844

W5285212

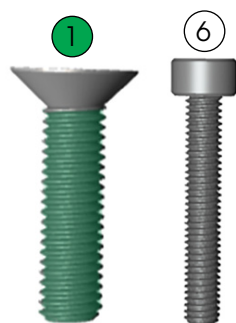
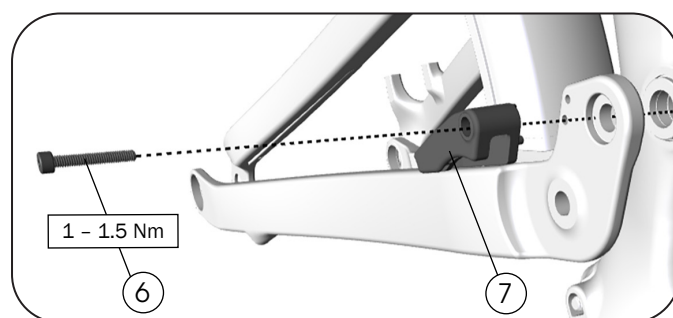
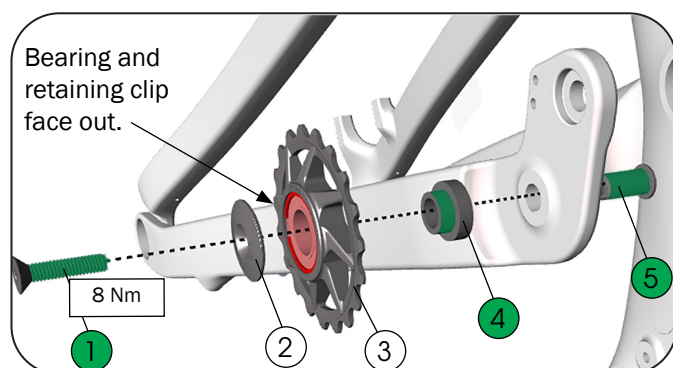
Angle adjustable cups

⑧ Shorter upper cup, S - M frames — W5295319

Taller upper cup L - XL frames — W5295274

⑨ Lower cup, all frame sizes — W5294449

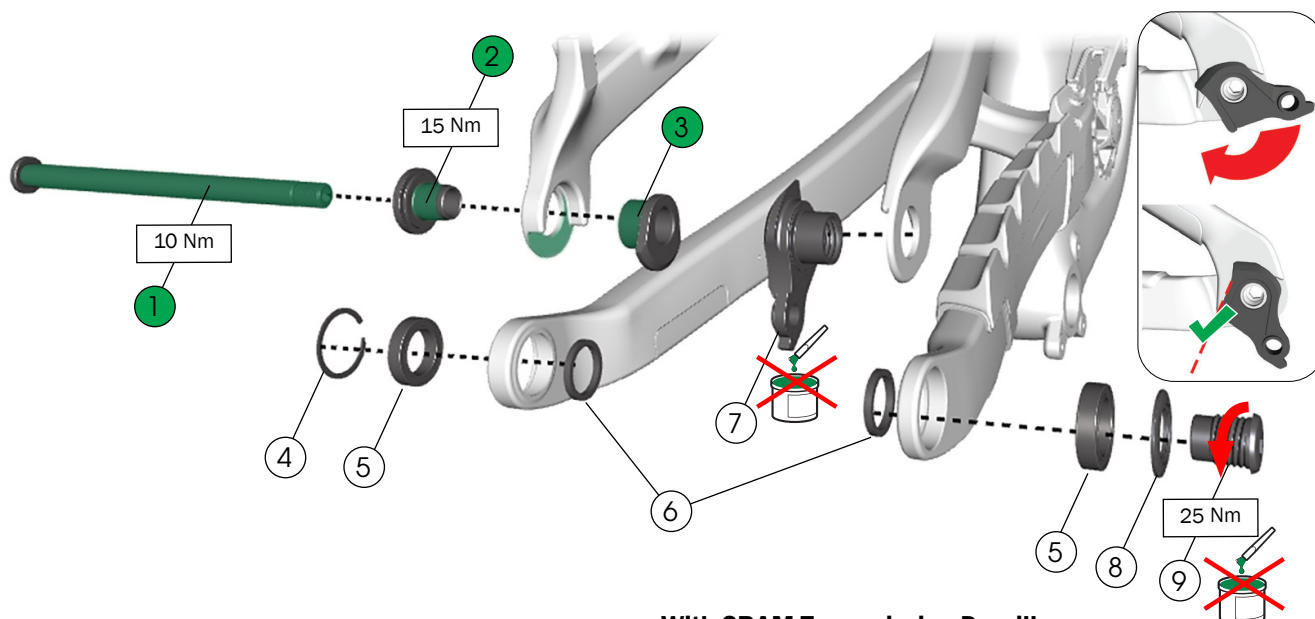
Idler pulley



- ① Fastener, stainless steel, M6 x 25 mm — W5270150
- ② Idler pulley concave washer — W5305535
- ③ Idler pulley assembly — W5325188
- ④ Idler pulley spacer — W5305382
- ⑤ Idler pulley post — W5305204
- ⑥ Fastener, socket head, M4 x 25 mm, Trek service part not available. Source locally.
- ⑦ Idler guide — W5307894

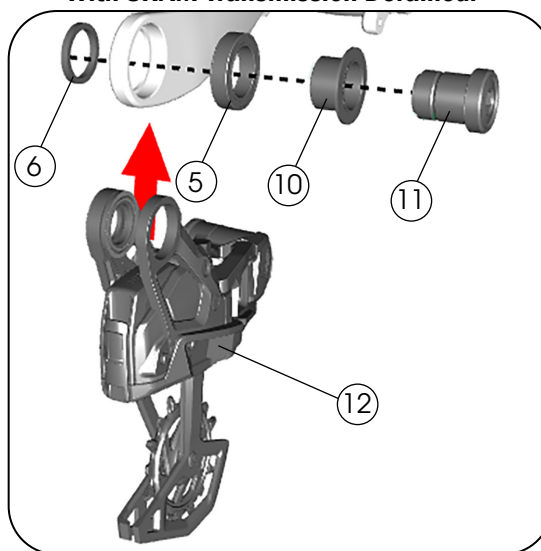
Active Braking Pivot

[See Torque order on page 9.](#)



Important: For proper derailleur adjustment, the chain guide must be fully installed. See [Chain guide on page 14.](#)

With SRAM Transmission Derailleur

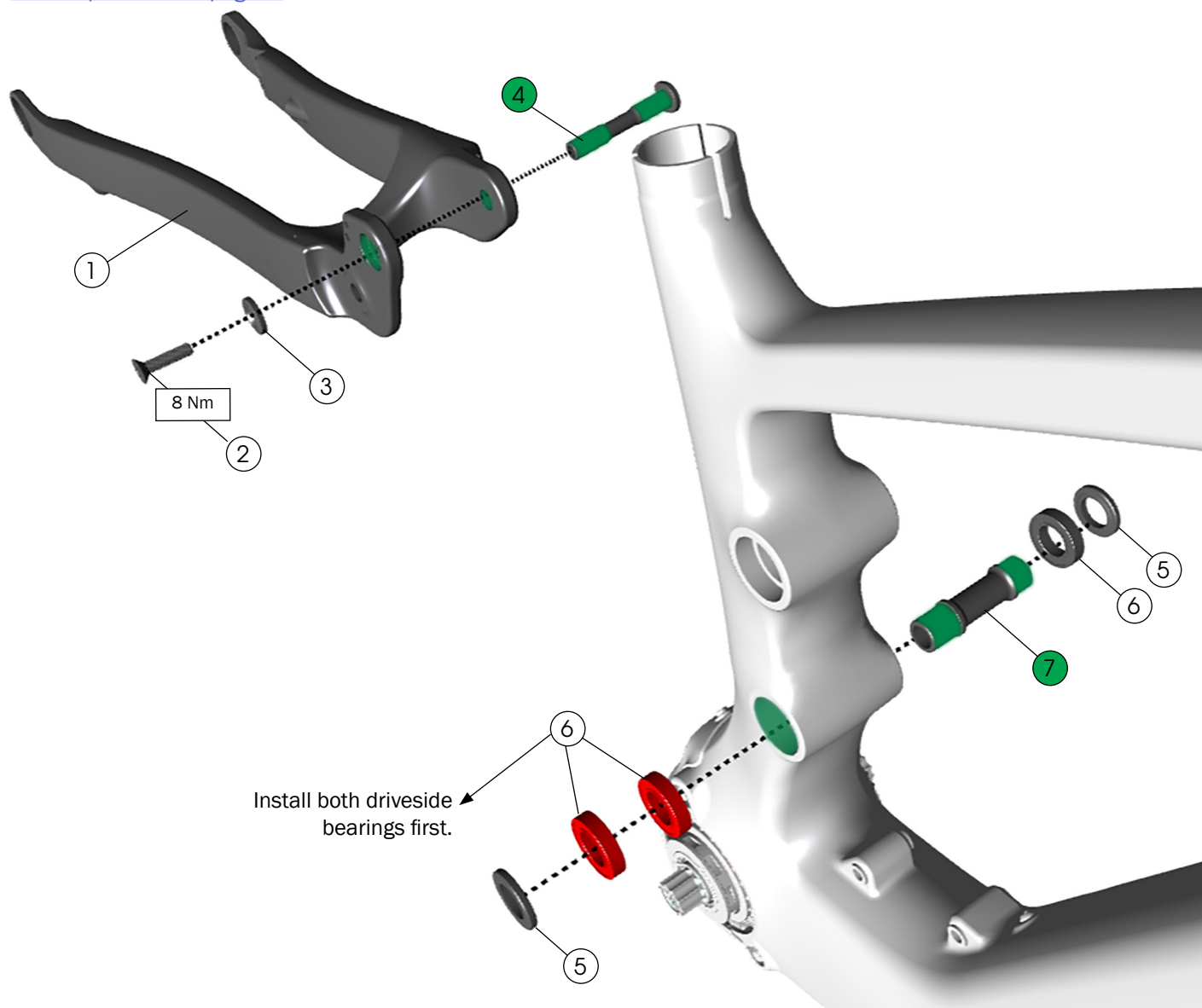


- ① Thru axle, M12 x 167.35 mm — W583469
 - ② Non-driveside ABP bolt — W5251141
 - ③ Non-driveside ABP dropout nut — W5269707
 - ④ Retaining ring — W5251279
 - ⑤ Bearings, 20 x 30 x 7 mm — W5256340
 - ⑥ Spacers, 25 x 20 x 3 mm— W583422
- W5272776

- ⑦ Derailleur hanger
NOTICE: Do not apply grease.
 - ⑧ Washer, 30 mm
NOTICE: The washer is frame-specific. Install only the washer size specified.
 - ⑨ Bolt
NOTICE: Do not apply grease. Do not overtighten. Overtightening may damage the hanger.
 - ⑩ Bushing
 - ⑪ Mounting bolt
 - ⑫ SRAM Transmission Derailleur
- W5271425
- Refer to installation manual on sram.com.

Main pivot and chainstay

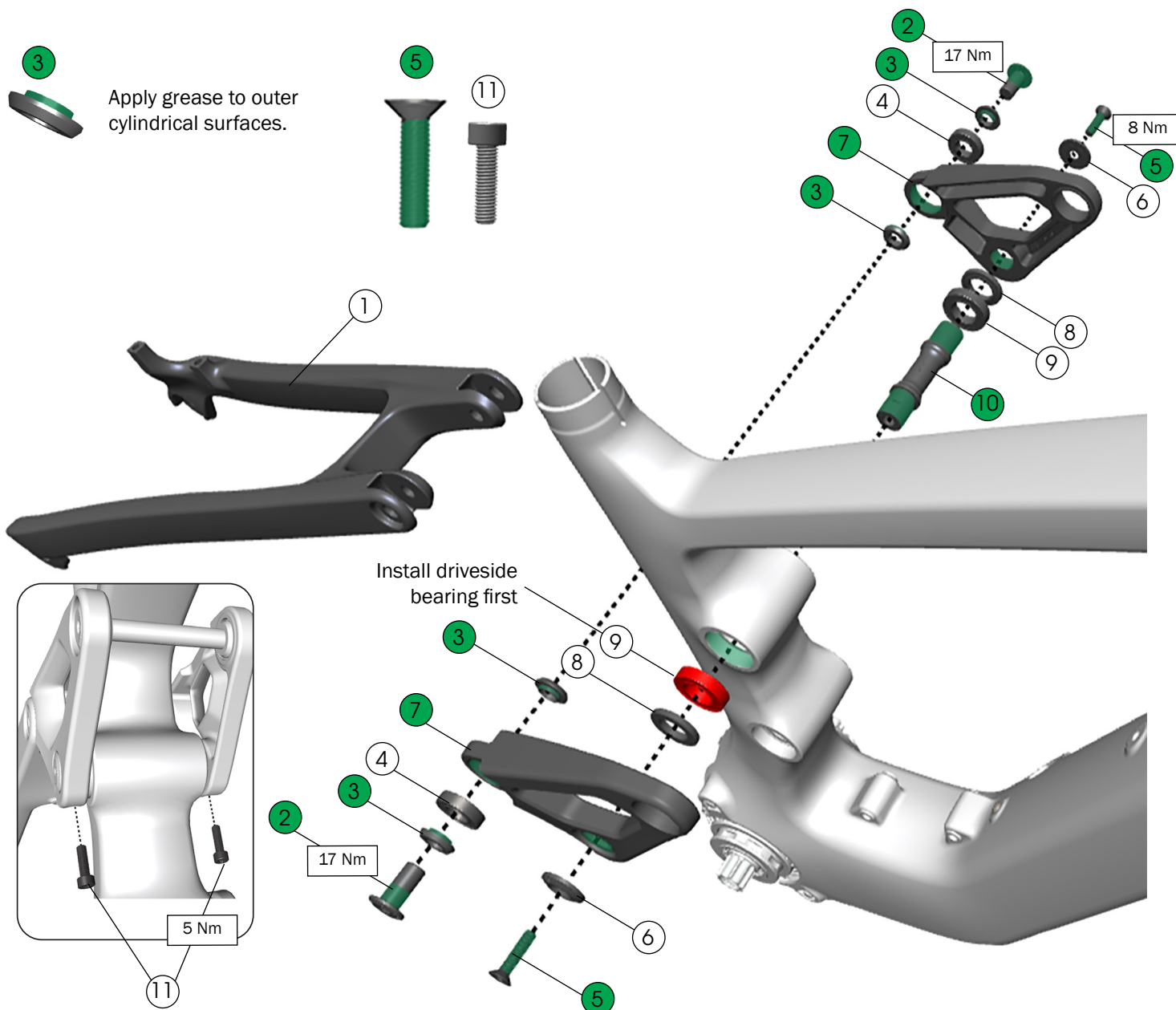
[See Torque order on page 9.](#)



- ① **Chainstay** – 48333*
*Paint matched part. See trekbikes.com to find the color-matched part for your bike.
- ② Fastener, M6 x 25mm – W5270150
- ③ Concave washer – W5270027
- ④ Thru axle, 12 x 78 mm – W5305383
- ⑤ Spacers, 4 mm width – W5305806
- ⑥ Bearings, 17 x 30 x 7 mm – 5290435
- ⑦ Flanged main pivot axle – W5305807

Rocker pivot and seatstay

See Torque order on page 9.



① Seatstay – 48334*

② Fasteners, M10 x 21 mm – W600629

③ Hat-style washers – W5257190

④ Bearings, 12 x 24 x 6 mm – 5290440

⑤ Fastener, M6 x 25 mm – W5270150

⑥ Concave washers – W5270027

⑦ Two-piece rocker pivot – 48335*

⑧ Spacers, 4 mm wide – W5305806

⑨ Bearings, 17 x 30 x 7 mm – 5290435

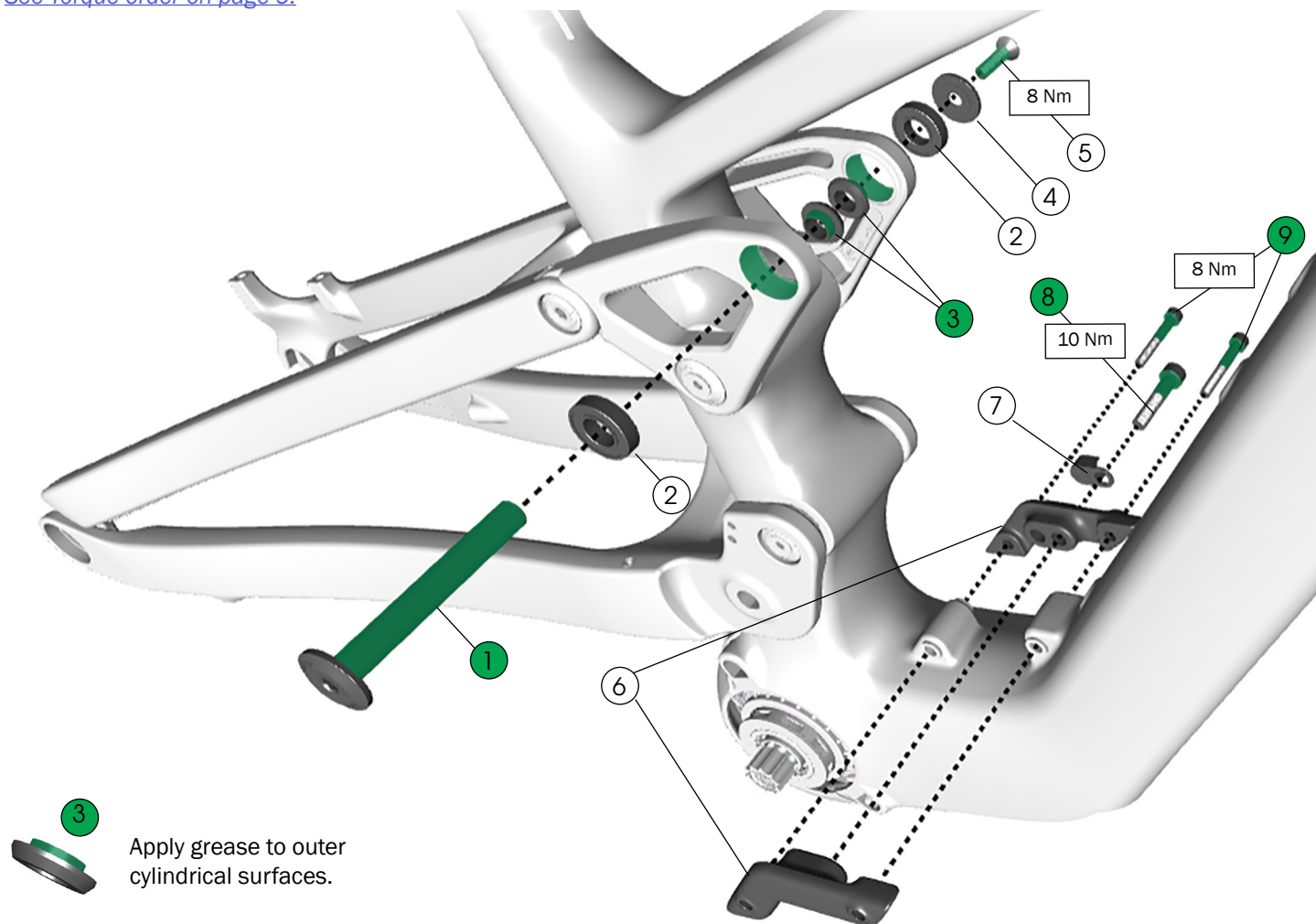
⑩ Rocker link axle – W5305805

⑪ Fasteners, M5 x 18 mm – W5256244

*Paint matched part. See trekbikes.com to find the color-matched part for your bike.

Rear shock hardware

[See Torque order on page 9.](#)



- ① Upper shock mount axle, M6 x 67 mm – W5305189
- ② Bearings, 12 x 24 x 6 mm – 5290440
- ③ Hat-style washers – W5257189
- ④ Concave washer – W5305190
- ⑤ Fastener, M6 x 25 mm – W5270150
- ⑥ **Lower shock mounts for use with:**
Size S, 27.5" rear wheel – 5317350
Size M – XL, 27.5" rear wheel – 5317349
- ⑦ Progression mino link – 5303333
Includes a More/Less nut. Do not use on Slash+.
- ⑧ Fastener, M8 x 40 mm – W5305730
- ⑨ Fasteners, M6 x 40 mm – W5305731



Shock Dimensions

Eye-to-Eye-length: 230 mm

Stroke length: 65 mm

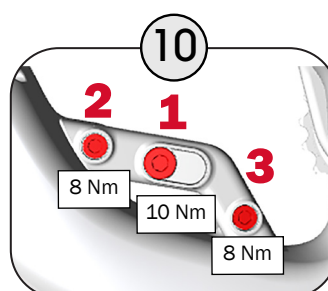
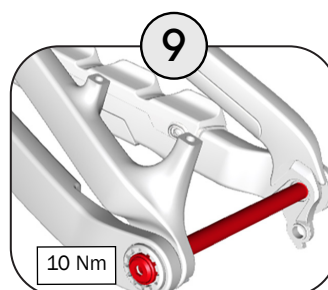
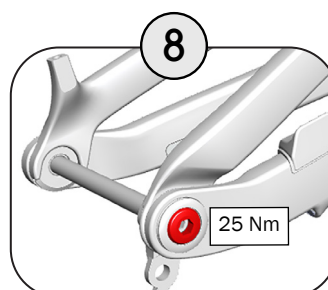
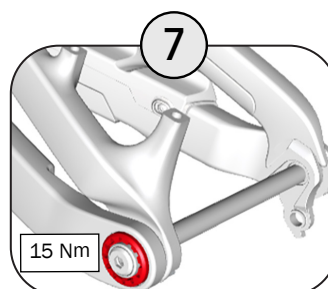
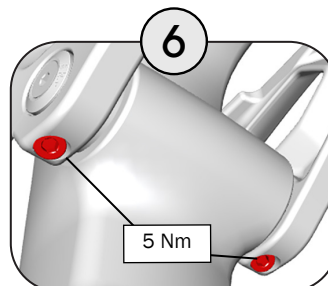
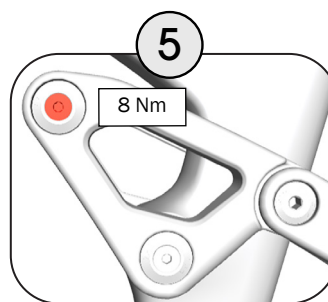
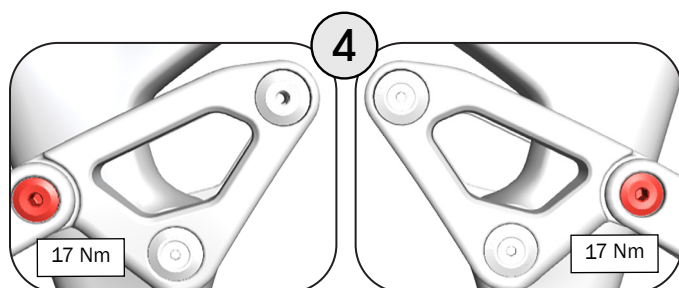
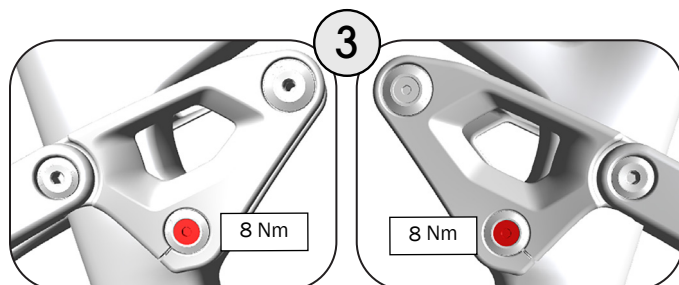
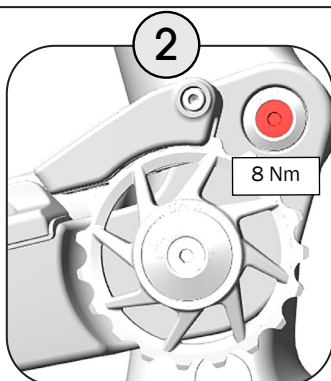
Shock air can mount/bolt: 54 mm x 10 mm

Shock shaft mount/bolt: 20 mm x 8 mm

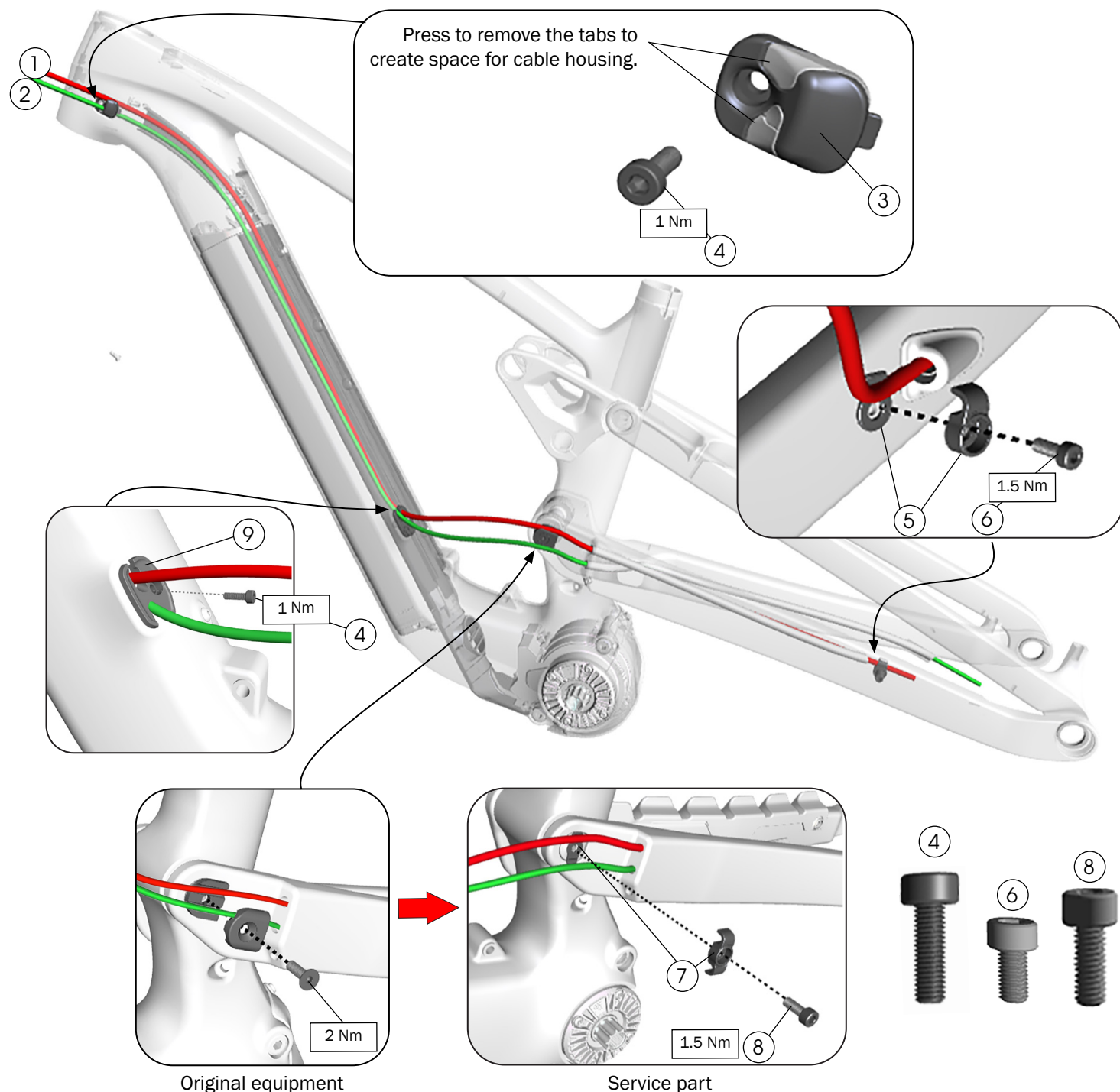
For a list of compatible shocks, refer to the FAQ on the Slash+ product pages on trekbikes.com.

Torque order

Important: Remove the bike from the bike stand and set it on the ground before torquing all fasteners to spec.



Brake and mechanical shift routing



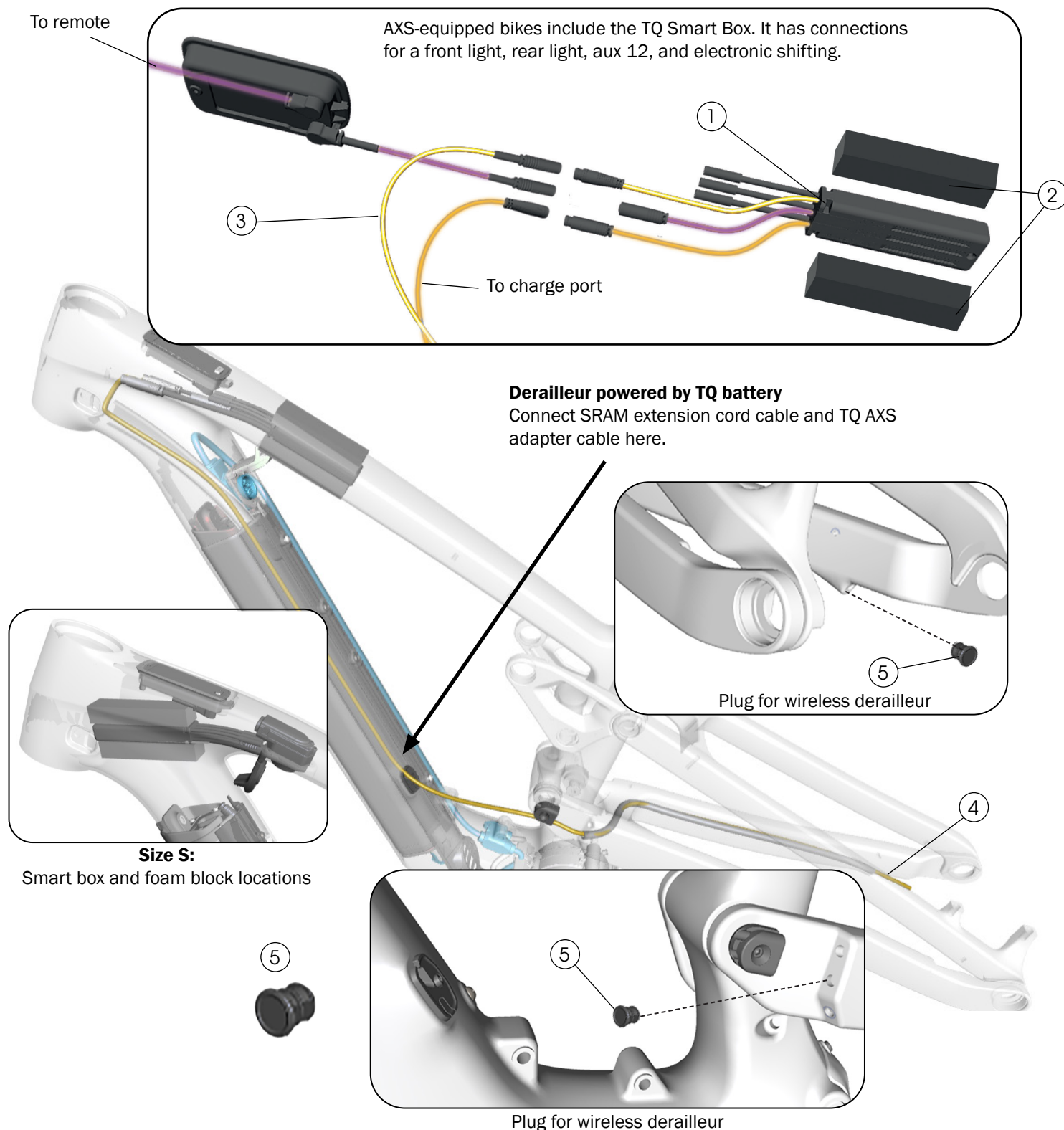
Original equipment

Service part

- | | | | |
|--|-----------|---------------------------------|-----------|
| ① Rear brake hose | | ⑥ Fastener, M5 x 8 mm — W596823 | |
| ② Rear derailleur cable housing | | ⑦ Bolt-on cable guide, double | — W311726 |
| ③ Cable entry guide | | ⑧ Fastener, M5 x 16 mm | |
| ④ Fasteners, M3 x 10 mm — W545633 | — 5317471 | ⑨ Cable exit guide — W5316283 | |
| ⑤ Bolt-on cable guide, single — W311727* | | | |

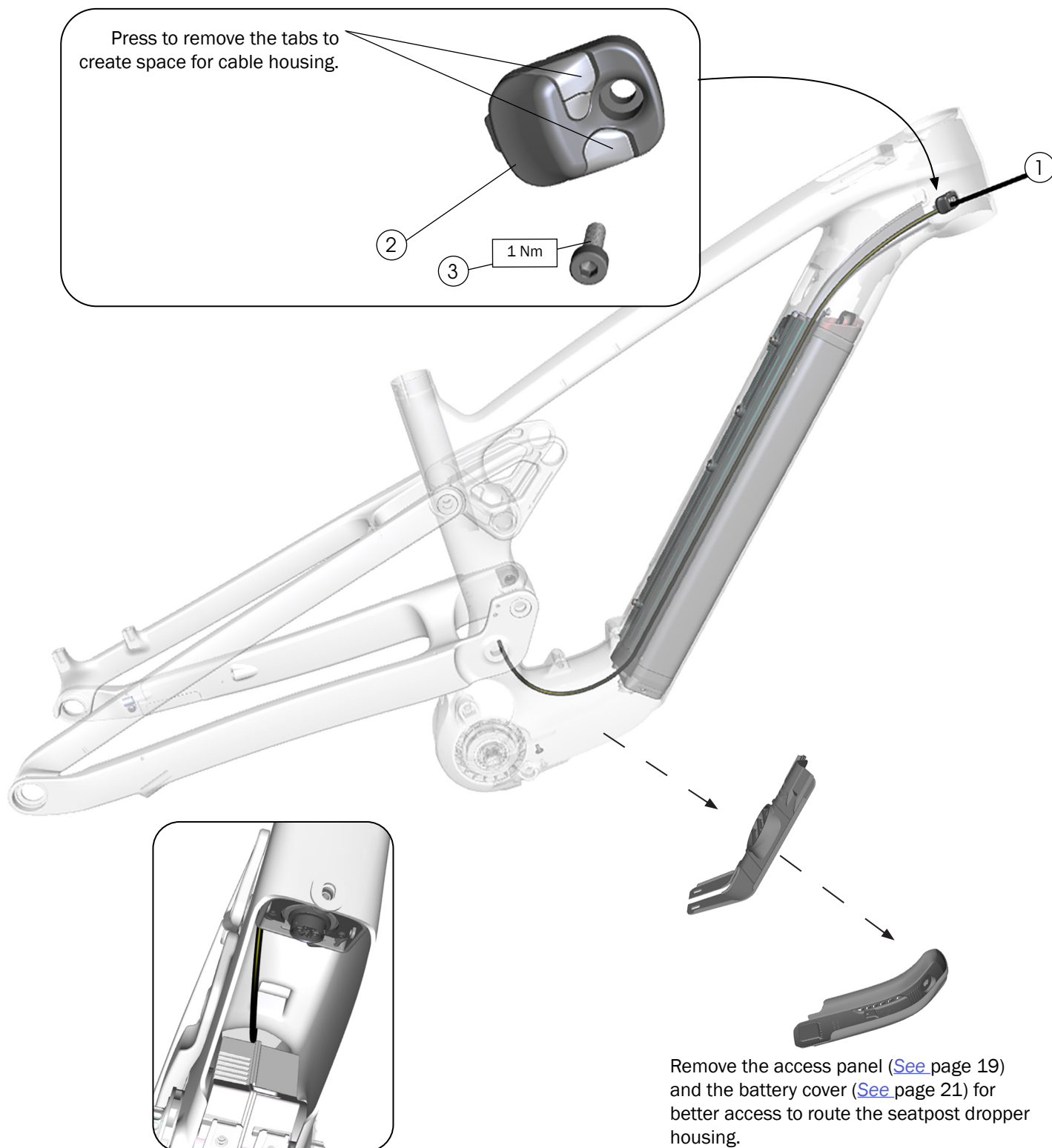
***NOTICE:** The fastener included with the cable guide is too long. Do not use it. Use the fastener shown above.

AXS shift routing



- ① TQ Smart Box — 5289564
- ② Foam blocks, set of two — 5305634
- ③ TQ AXS adapter cable, Higo connection, TQ p/n — 349341
- ④ SRAM extension cord, Higo connection, 880 mm, SRAM p/n — 00.3018.369.000
- ⑤ Cable exit plugs, 5.5 mm — W600209

Seatpost dropper routing



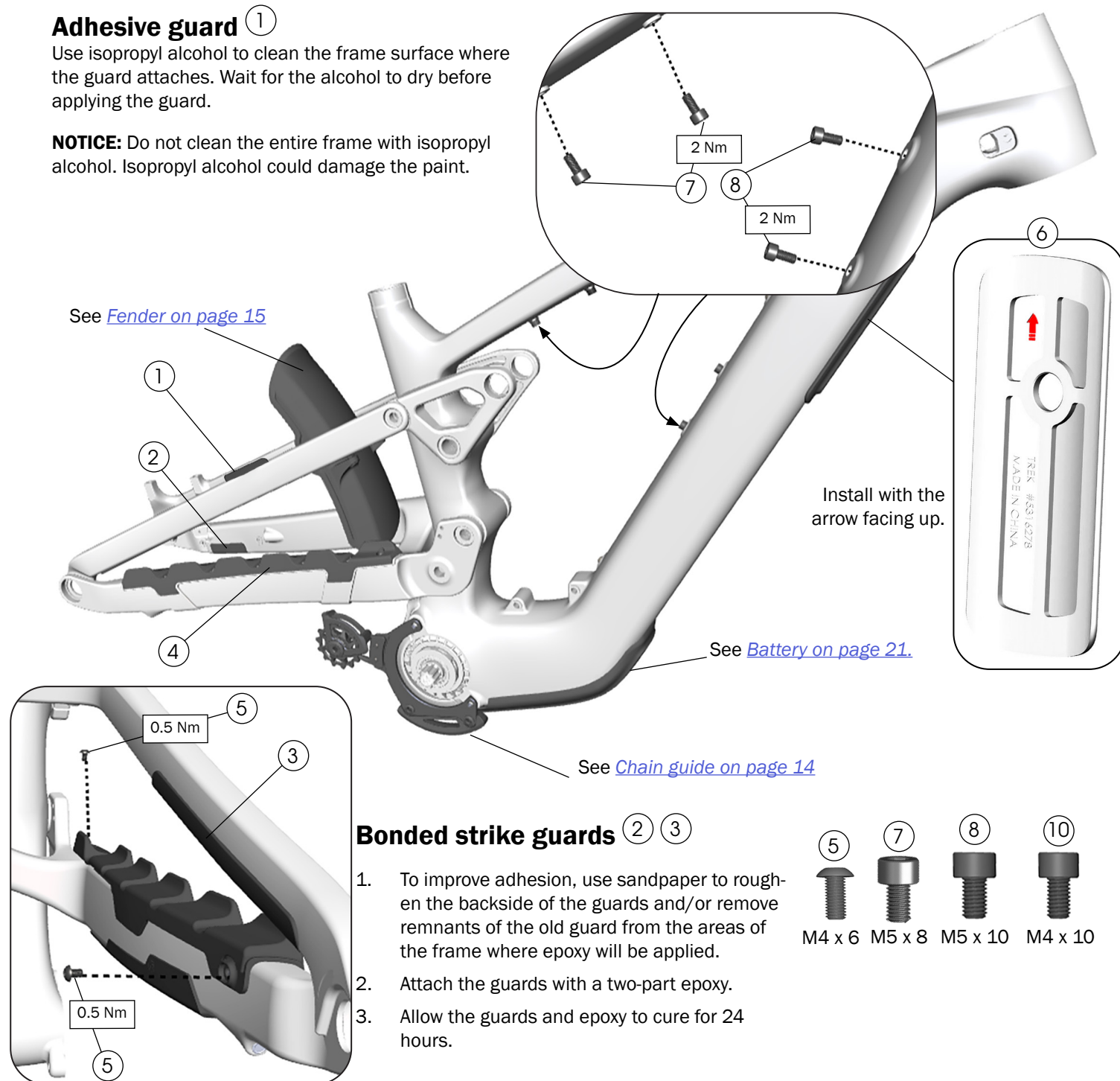
- ① Seatpost dropper housing
 - ② Cable exit guide
 - ③ Fastener, M3 x 10 mm
- 5317471

Guards

Adhesive guard ①

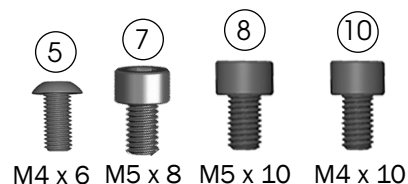
Use isopropyl alcohol to clean the frame surface where the guard attaches. Wait for the alcohol to dry before applying the guard.

NOTICE: Do not clean the entire frame with isopropyl alcohol. Isopropyl alcohol could damage the paint.



Bonded strike guards ② ③

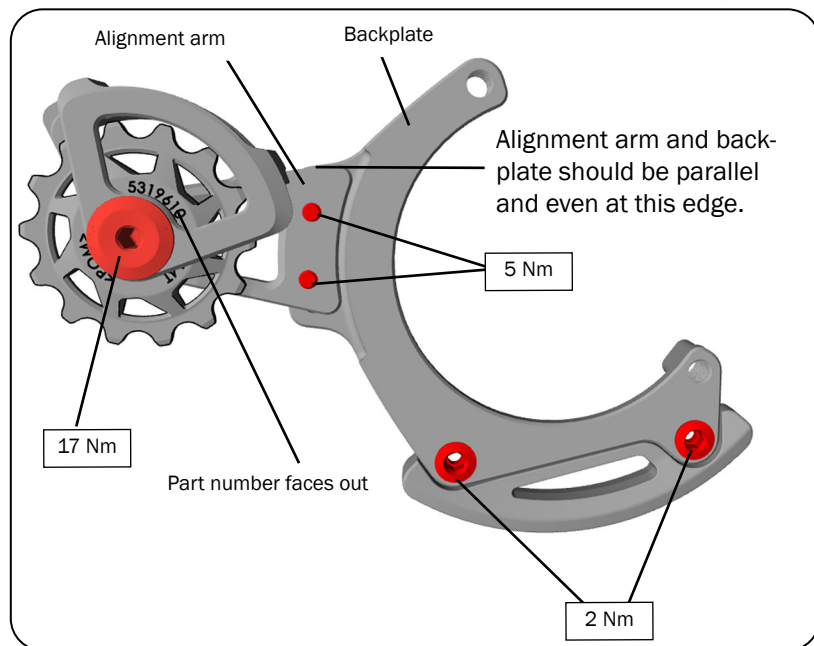
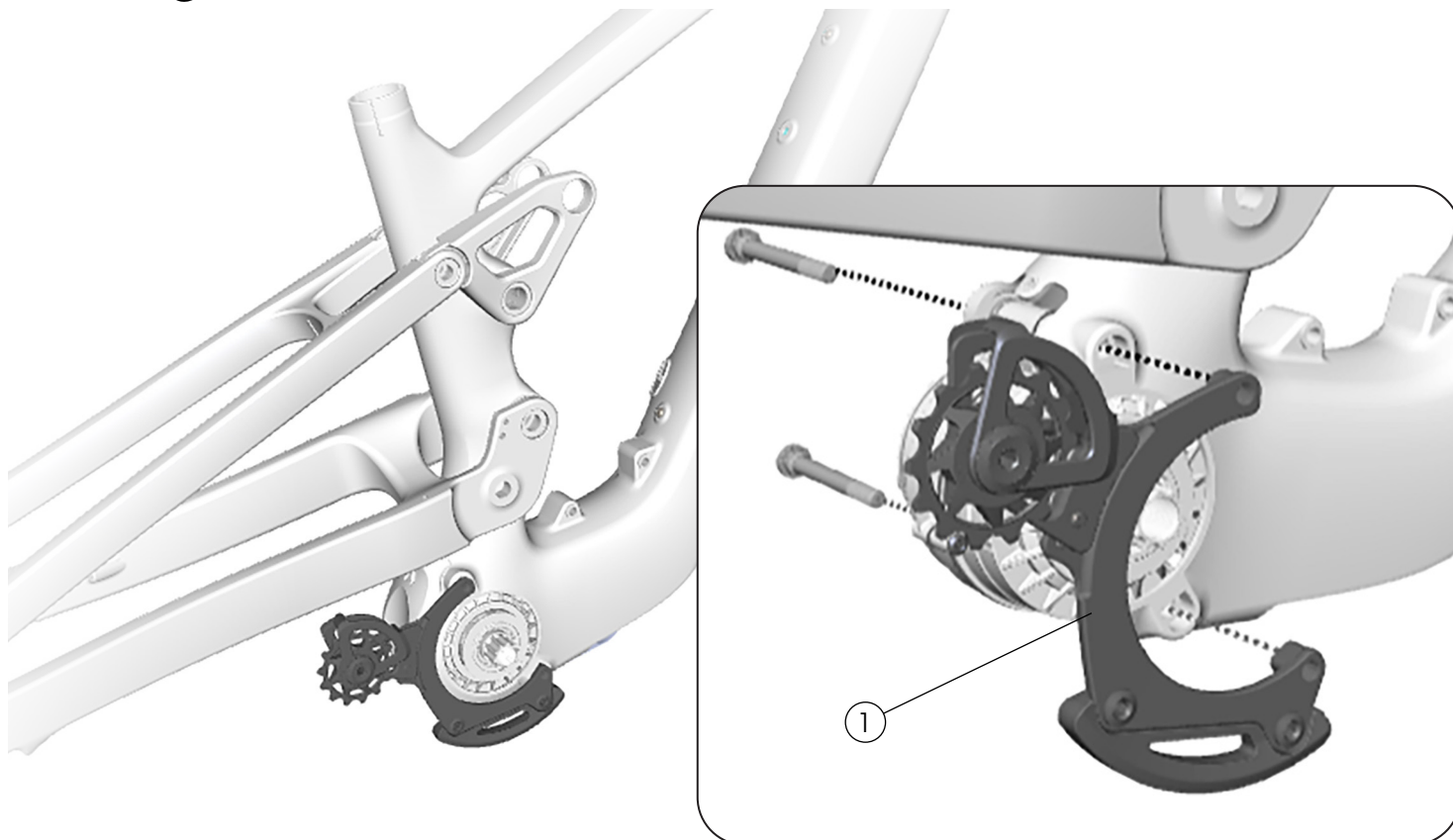
1. To improve adhesion, use sandpaper to roughen the backside of the guards and/or remove remnants of the old guard from the areas of the frame where epoxy will be applied.
2. Attach the guards with a two-part epoxy.
3. Allow the guards and epoxy to cure for 24 hours.



- ① Adhesive guard — W326986
- ② Rotor guard — W580881
- ③ Seatstay guard — W5255862
- ④ Chainstay guard — W5306300

- ⑤ Fasteners, M4 x 6 mm — W575056
- ⑥ Shuttle guard — W5316278
- ⑦ Fasteners, M5 x 8 mm — W596823
- ⑧ Fasteners, M5 x 10 mm — 5332051

Chain guide

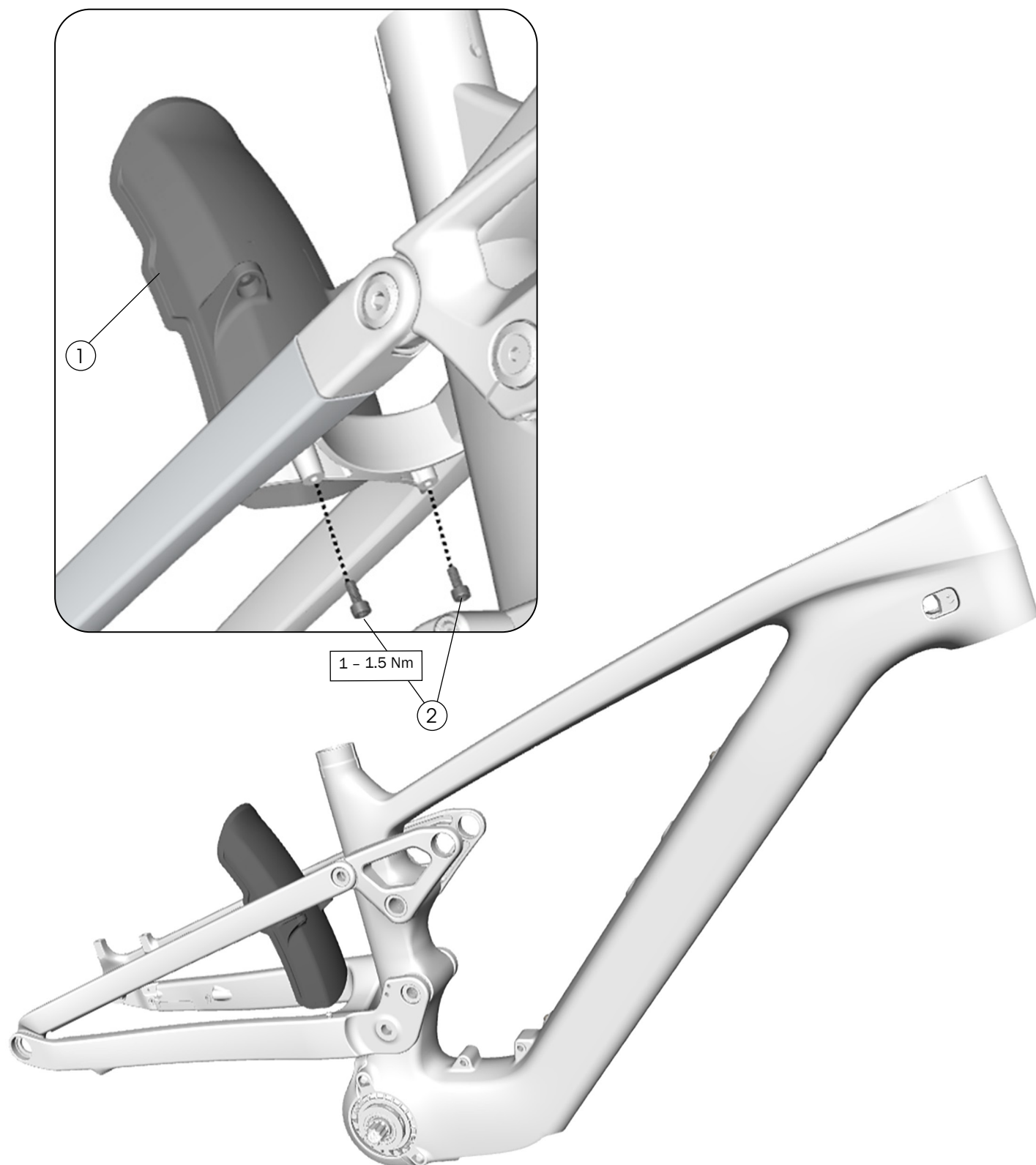


Chain guide installs via the motor bolts. Install with the motor.

Important: Install before adjusting the derailleur.

① Chain guide — W5319609

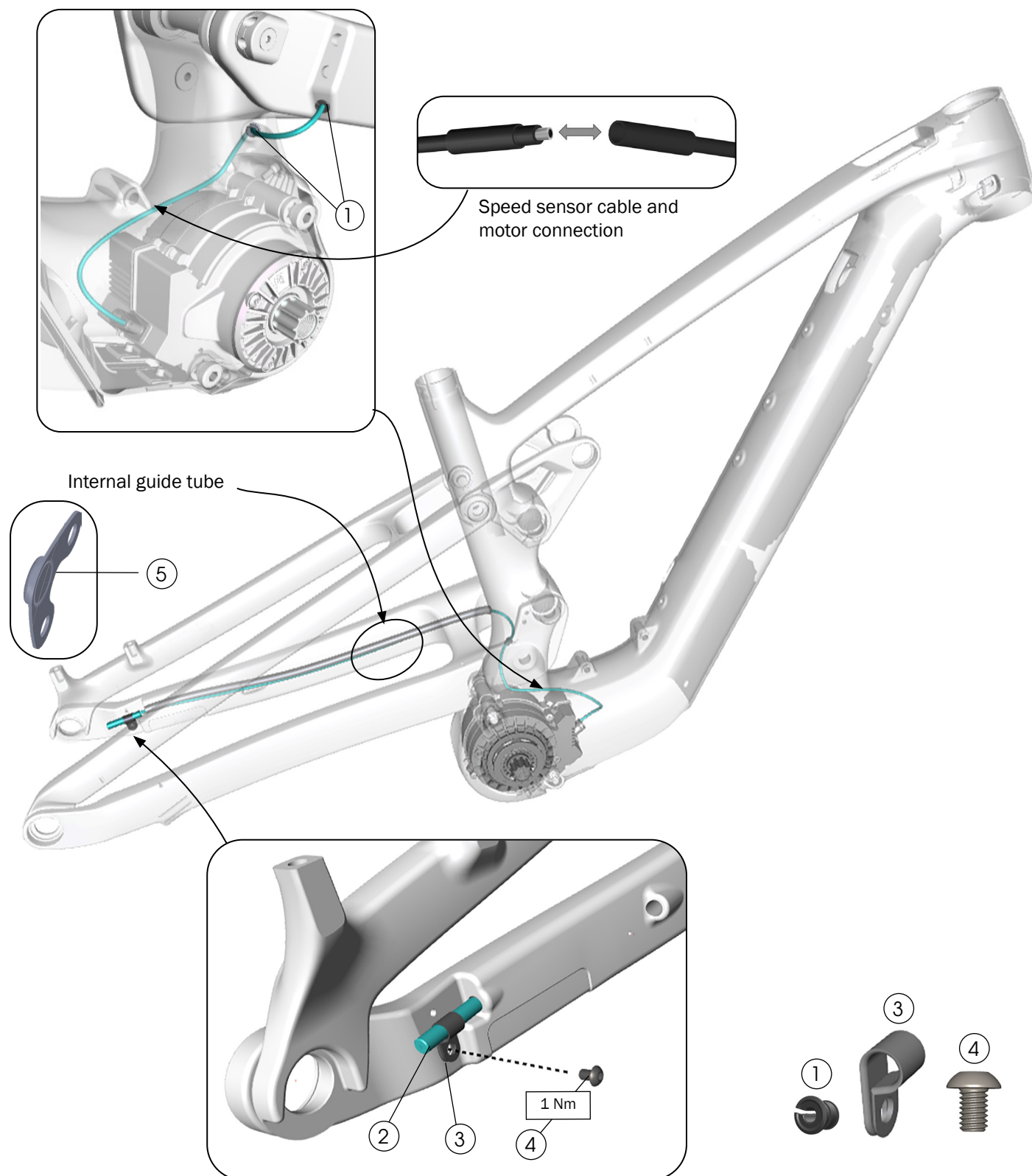
Fender



- ① Fender
- ② Fasteners, M4 x 10 mm

W5308789

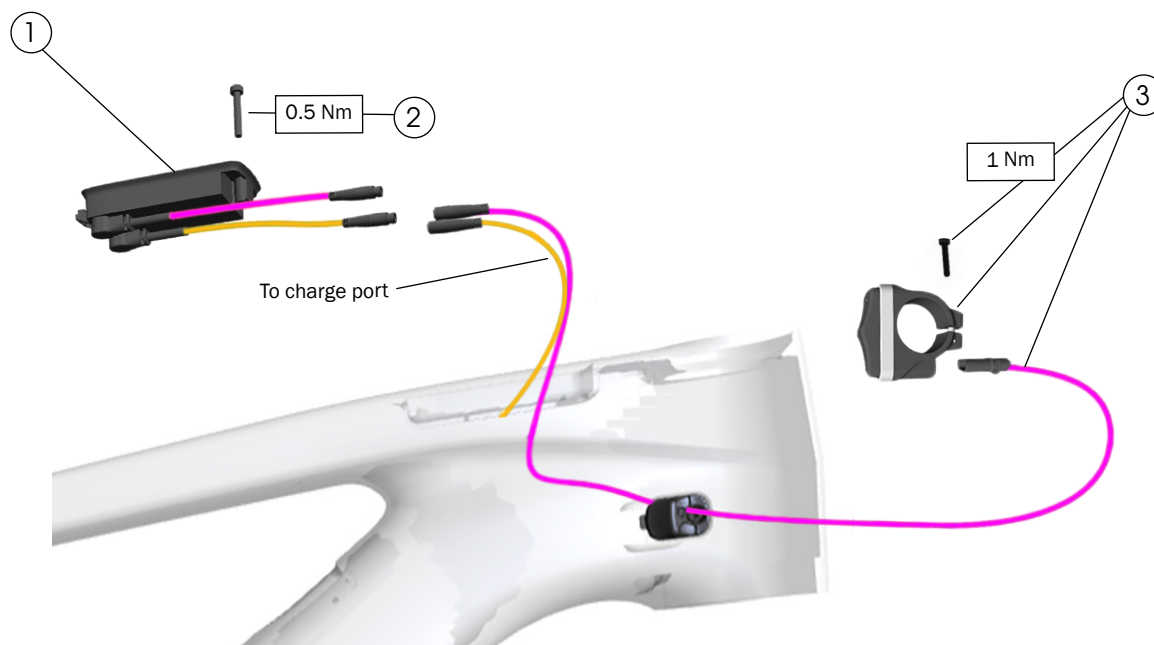
Speed sensor routing



- ① Frame plugs — W600208
- ② Speed sensor cable — 5289567
- ③ Speed sensor clip — W5327061
- ④ Fastener, M4 x 6 mm — W575056
- ⑤ Magnet, attaches to brake rotor — 5289568

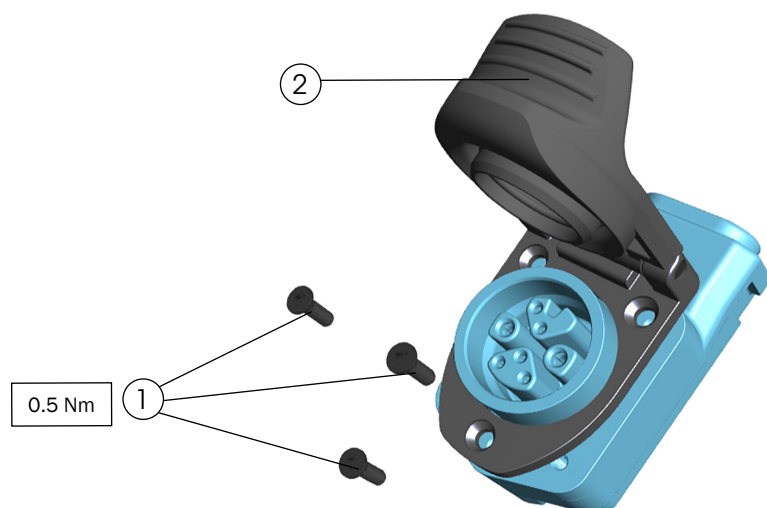
Display and remote

For AXS-equipped bikes, refer to the connection diagram in [AXS shift routing on page 11](#).



- ① Display — 5289562
 - ② Fastener, M3 x 20 mm
 - ③ Remote with fastener and cable — 5289561
- 5289562

Charge port cover



① Fasteners, M2.5 x 8 mm

② Charge port cover

— 5289578

Charge port locations

Tip: You can use the display opening in the top tube to hold the charge port in place while tightening the fasteners

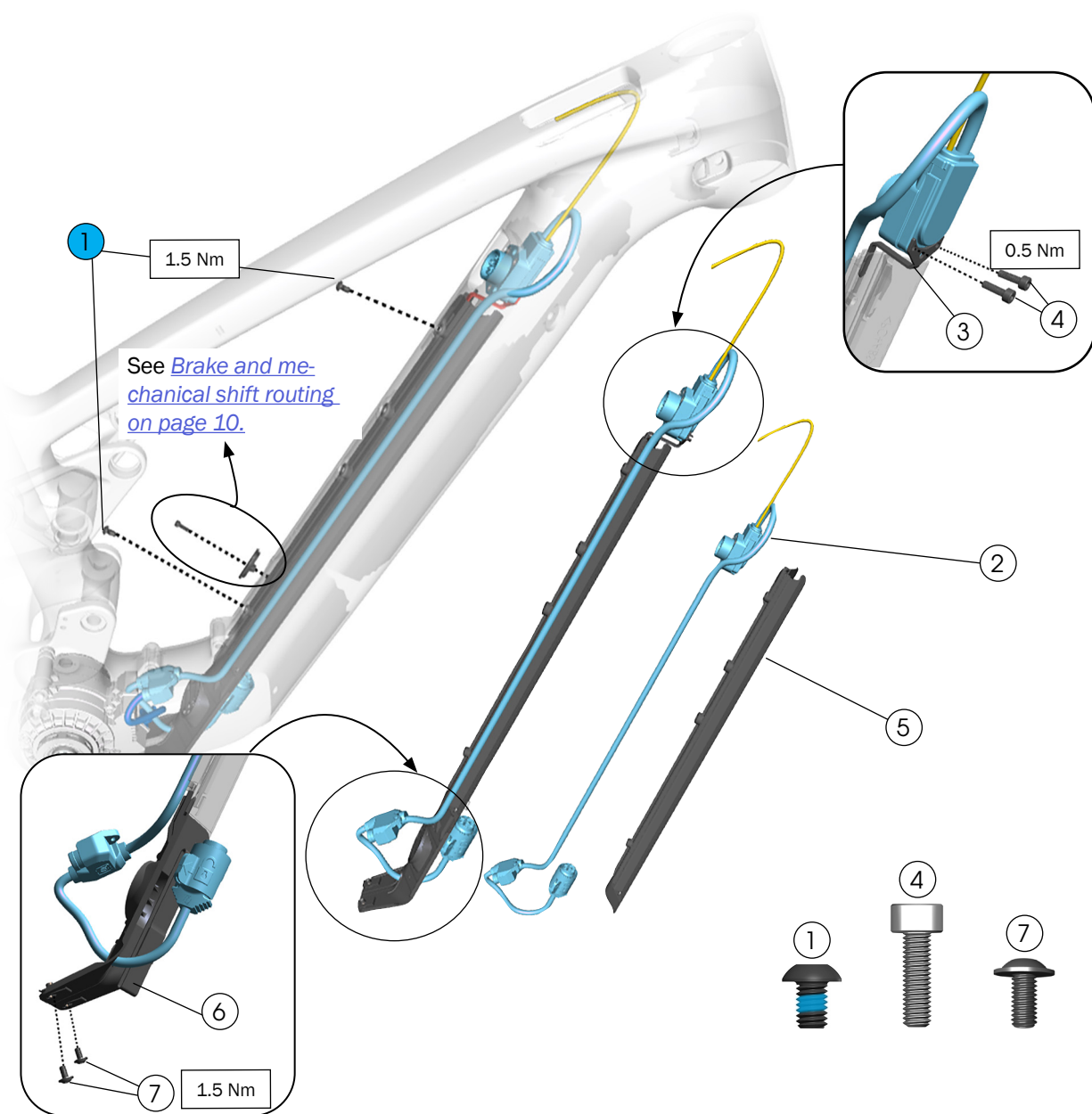
M, L, XL size frames



S size frames



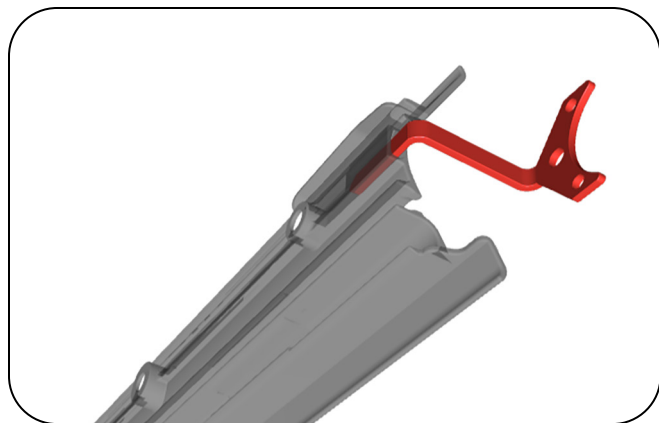
Main power cable, cable tray, and access panel



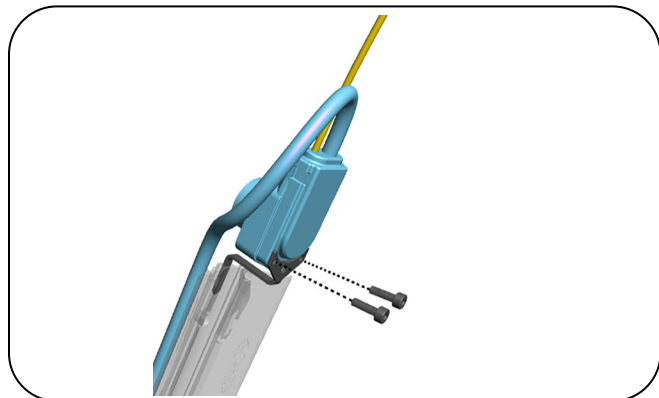
- ① Fasteners, M4 x 8 mm – W5263894
- ② Main power cable, kit includes charge port cover (See [Charge port cover on page 18](#)) – 5289573
- ③ Charge port assembly aid – 5316281
- ④ Fasteners, M3 x 10 mm – W545633
- ⑤ Cable tray – W5316279
- ⑥ Access panel – W5316280
- ⑦ Fasteners, M4 x 8 mm – 564136

Replace the cable tray

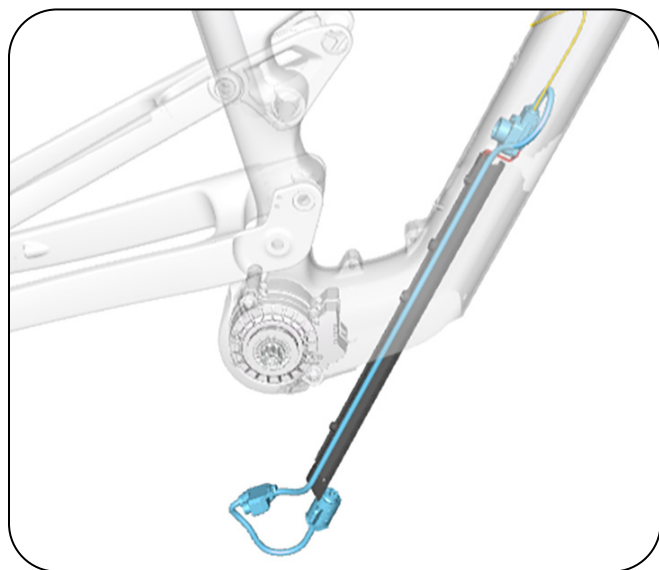
1. Slide the charge port assembly aid into the cable tray.



2. Attach the charge port to the cable tray and route the cable down the slot in the cable tray.

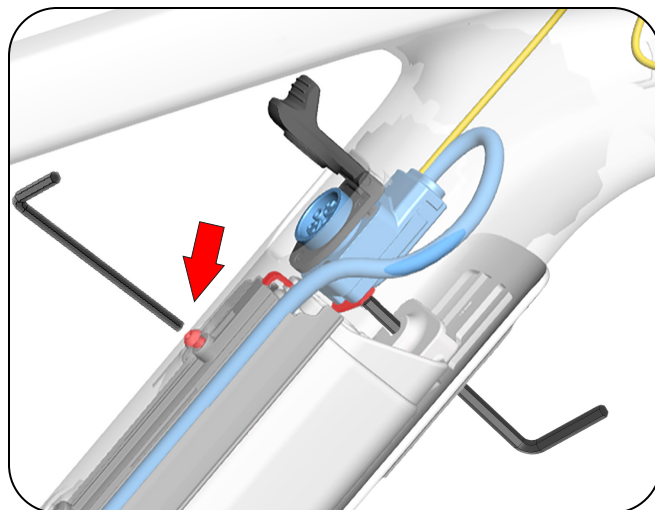


3. Insert the assembly thru the bottom of frame.

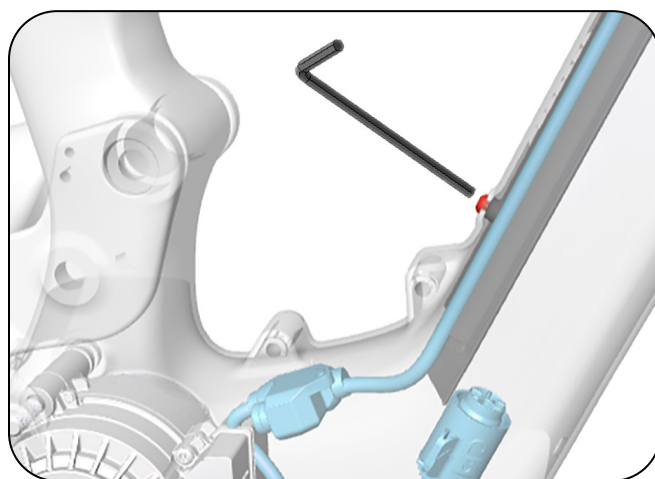


4. Insert the upper fastener.

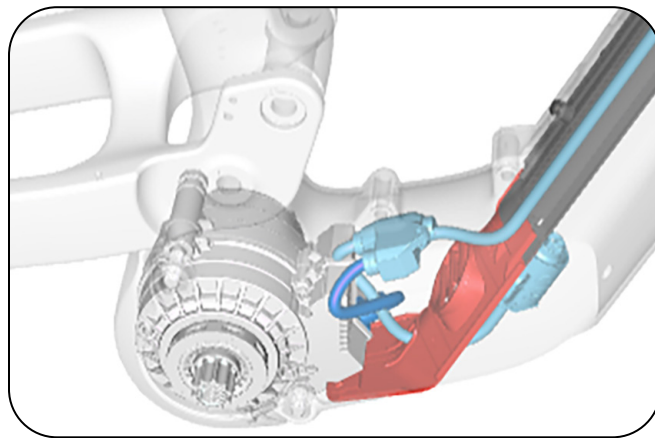
Tip: For M-XL frames, use a hex tool to hold the assembly in place.



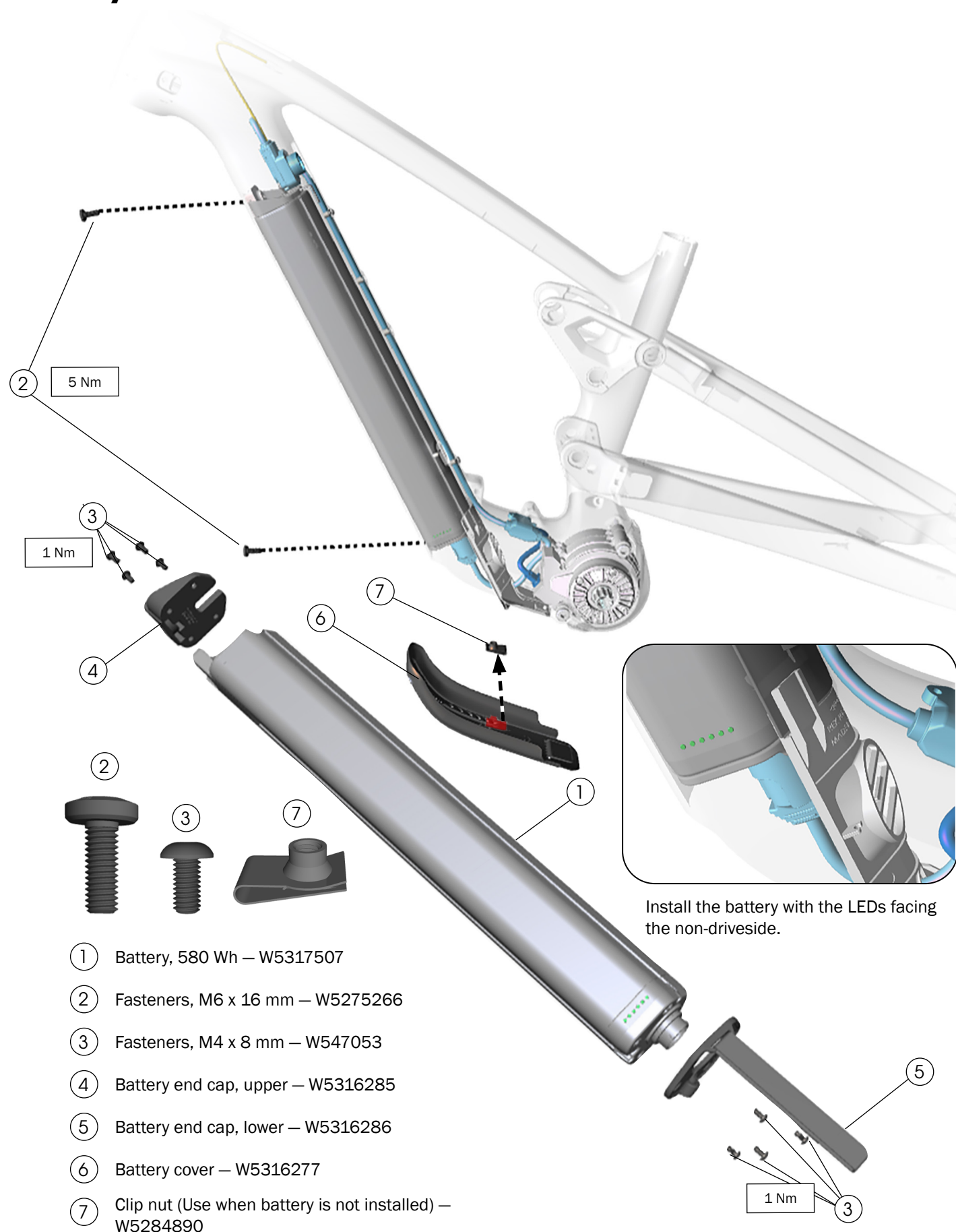
5. Insert the lower fastener.



6. Plug in the motor cable and slide the access panel into the bottom of the cable tray.

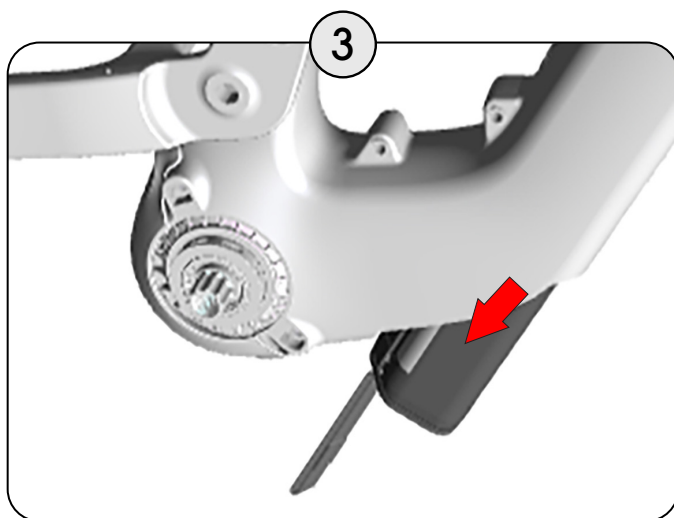
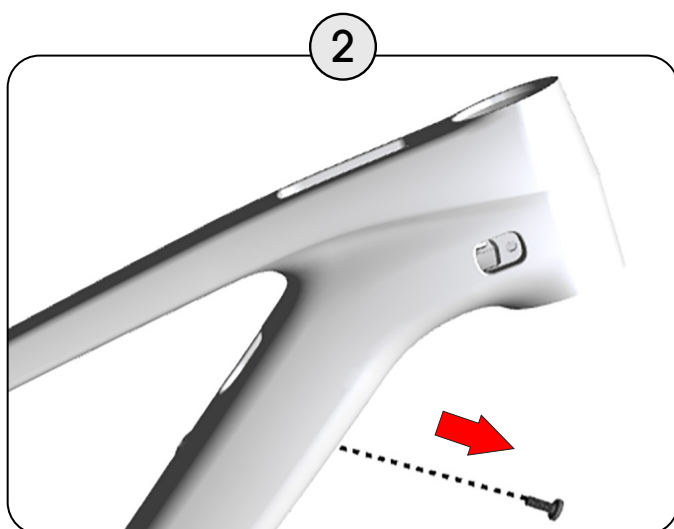
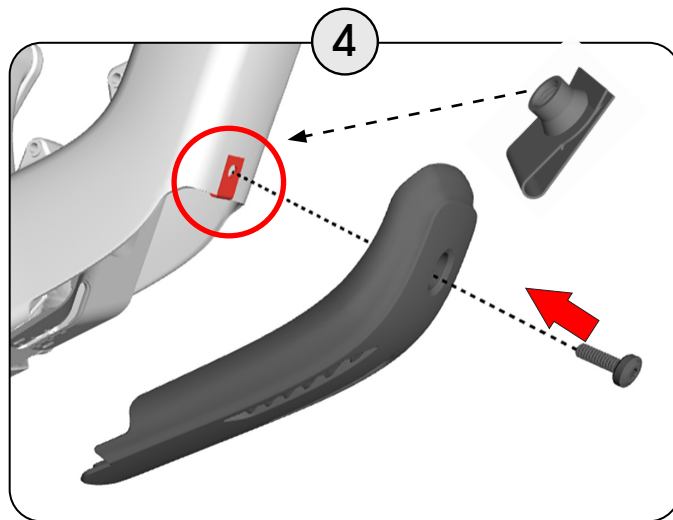
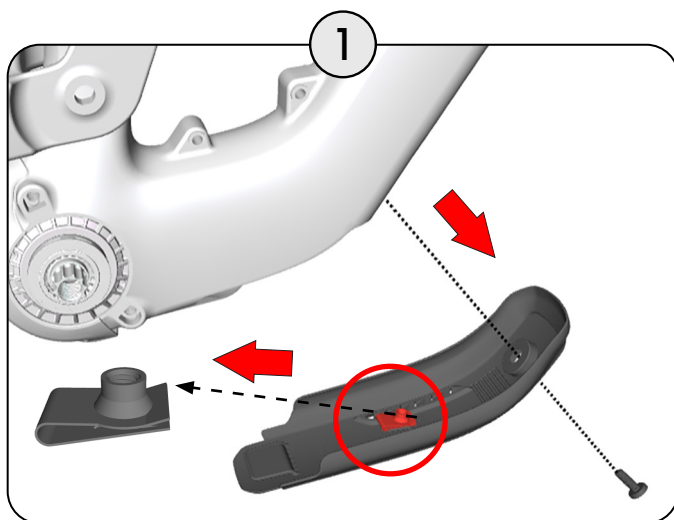


Battery

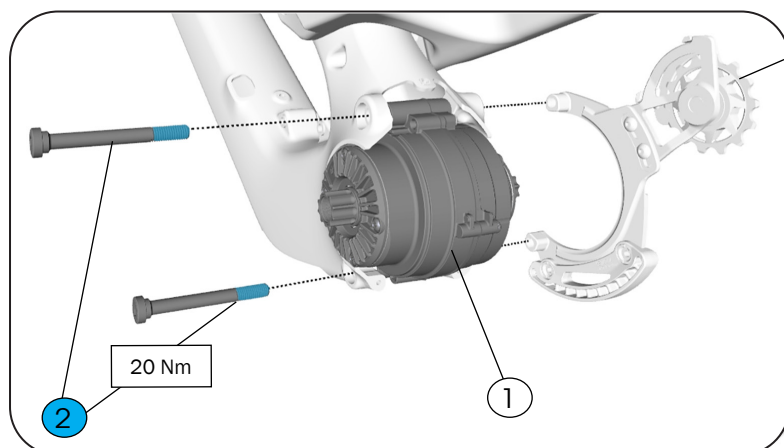


Ride the bike without the battery

Note: AXS wireless derailleurs are powered by the e-bike battery and will not work with the e-bike battery removed. To ride an AXS bike without the e-bike battery, a separate AXS derailleur battery is required.

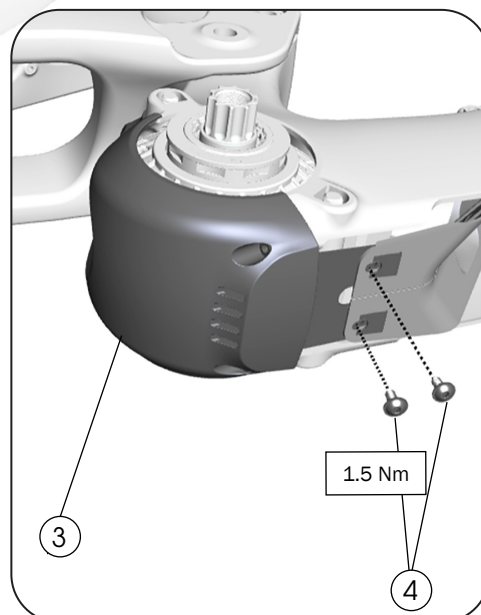
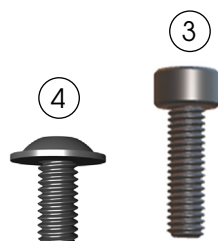
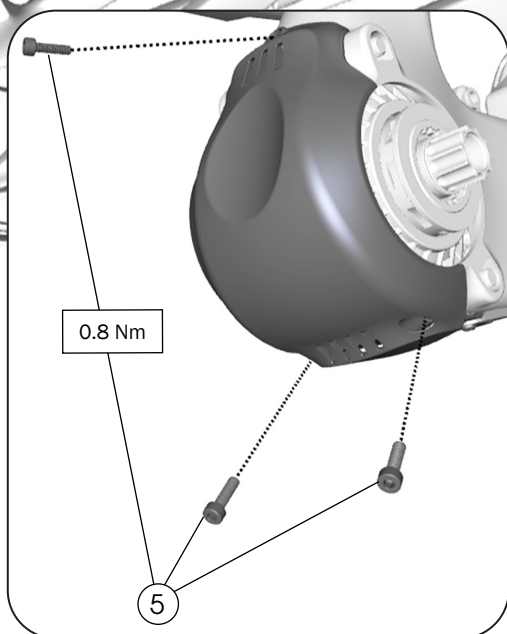
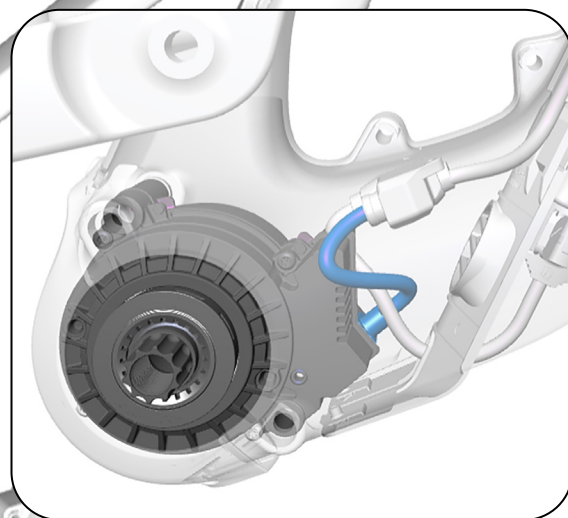


Motor connection, bolts, and cover



Non-drive side

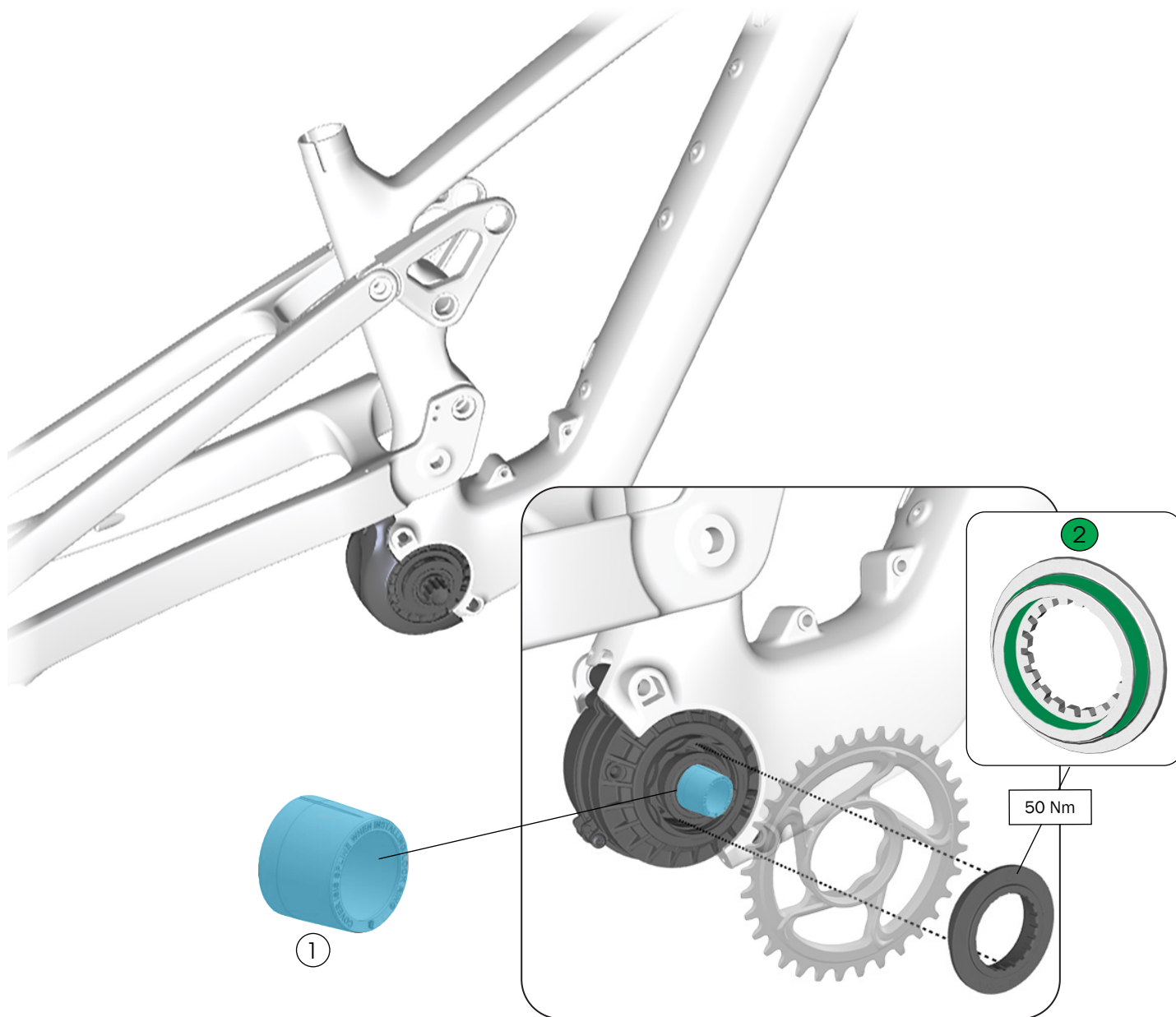
Chain guard installs via motor mount bolts. Install chain guard when installing the motor.



- ① TQ Motor, high pivot — 5328131
- ② Motor bolts, 76.5 mm — 5289570 (part number is 1 bolt)
- ③ Motor cover — W5316275

- ④ Fasteners, M4 x 8mm — W547053
- ⑤ Fasteners, M4 x 14 mm. Trek service part not available.

Motor lockring



- ① Protective sleeve

NOTICE: Before assembling the chainring and lockring, place the protective sleeve over the bottom bracket spindle. Failure to use the sleeve could damage the seal on the lockring and allow water to damage the motor. Remove after assembly.

- ② Lockring

Apply grease to the shaft seal and o-ring of the lockring.

— 5309454

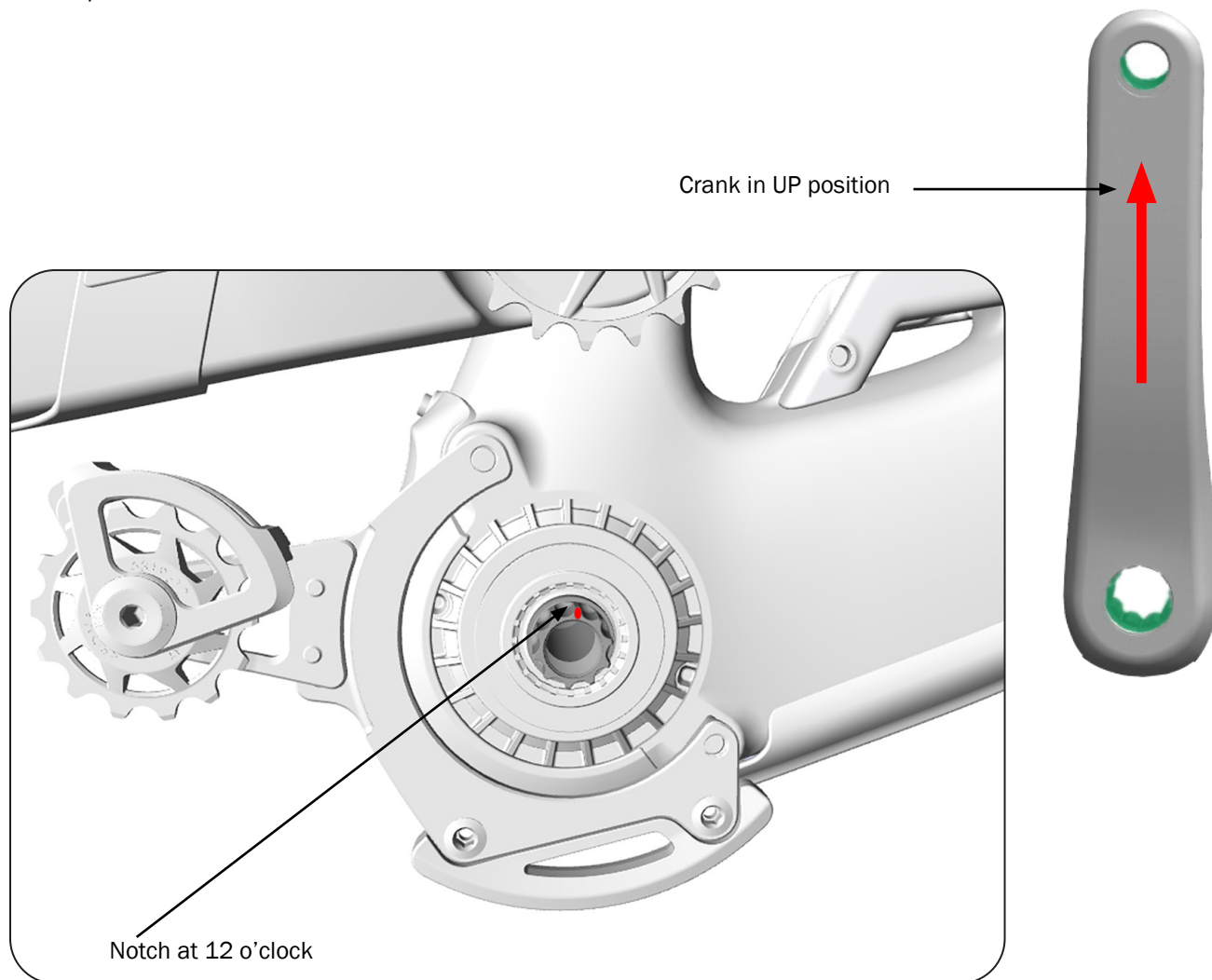
Tools

- BB-UN55 bottom bracket tool — part number 536183

Re-install the cranks

NOTE: A CWP-7 Crank Puller may be helpful to remove some types of crank arms.

The TQ system is designed for cranks to be installed in the UP position and in alignment with the notches on the spindle. Installing the cranks in a different position will cause the drive unit to run rough for a few hundred meters until the system re-learns the position of the cranks.

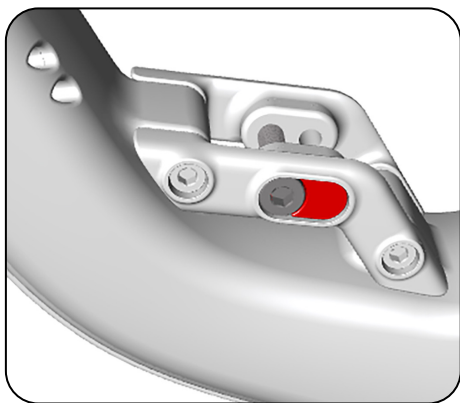


1. Locate the notch on the spindle. There are notches on the drive side and non-drive side.
2. Rotate the spindle until one notch is at the 12 o'clock position.
3. Install the corresponding crank in the up position.

Adjust the progression

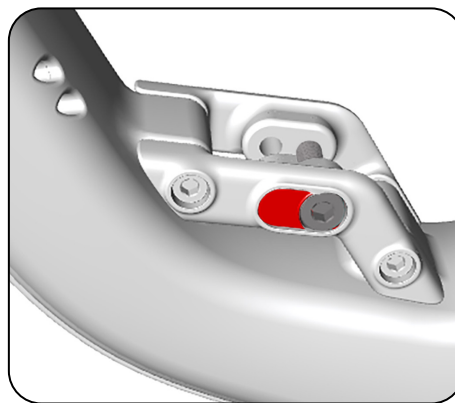
The shock progression chip can be flipped to fine tune the shock performance for the terrain or rider preference.

20% Progression Softer

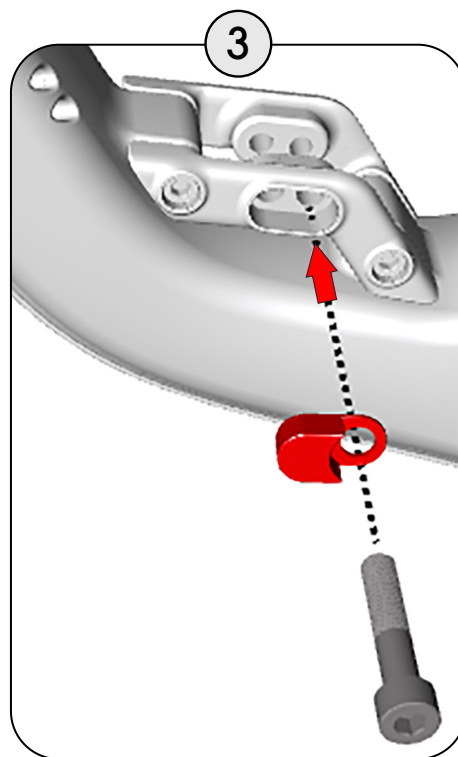
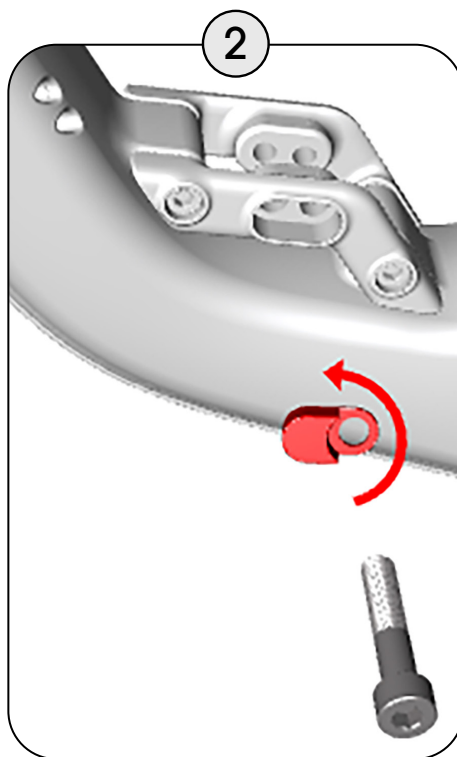
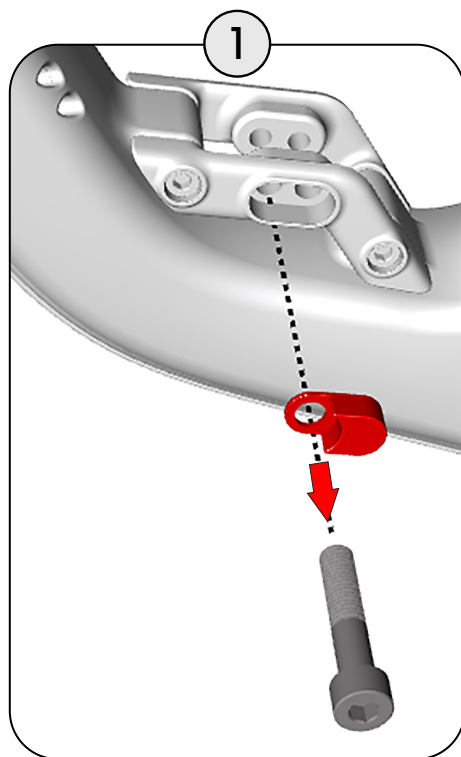
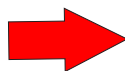


More reactive to repeated fast mid-size bumps and square-edge hits

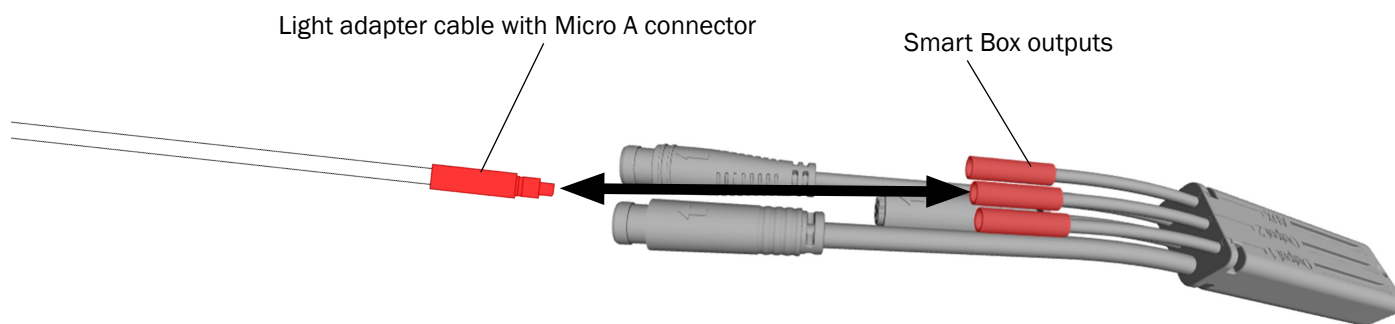
25% Progression Firmer



More bottom-out resistance over big hits and drops



Connect lights to the TQ Smart Box



Lights can be connected to the TQ Smart Box and powered by the bike battery. The Smart Box power outputs must be activated via the Dealer Service Tool (bike shop use only).

For instructions on how to install the Smart Box, see [AXS shift routing on page 11](#) .

- **Maximum power (front and rear light combined):** 20W at 12V.
- **List of compatible lights:** refer to TQ's FAQ:
 - **English:** tq-ebike.com/en/support/faq
 - **German:** tq-ebike.com/de/support/faq
- **Required:**
 - A light adapter cable with a Micro A connector.
 - The Dealer Service Tool (shop use only) to activate the power output on the Smart Box.

Specifications

Chainline/Chainring

Chainline	Chainring	
	Minimum	Maximum
55	30T	34T round

Rear brake mount

200 mm direct post mount, adaptable to 220 mm

NOTICE: To use a 203 mm rotor, RockShox 1.5mm brake adapter spacers are required. — W5252574

Rear O.L.D

148 mm

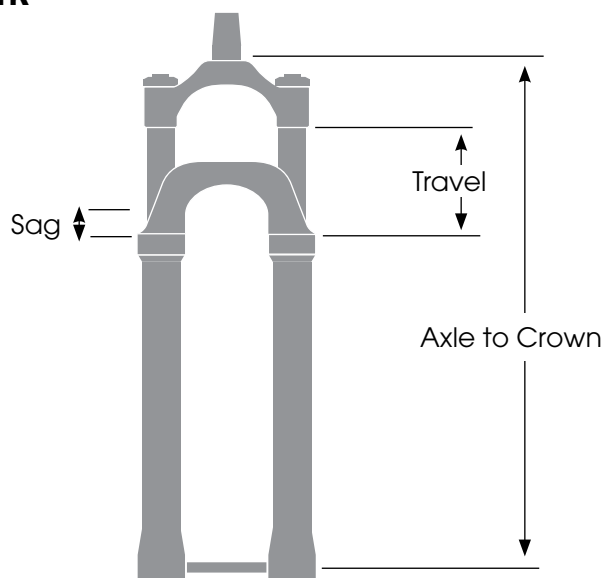
Maximum tire size

Front: 29" x 2.5"

Rear: 27" x 2.5"

NOTICE: Measurements of actual tires may vary. Always verify there is sufficient clearance between the tire and the frame. Improper tire size could damage the bicycle frame. Trek recommends 6 mm clearance above and on both sides of the tire.

Fork



Frame size	Axle to Race (mm)		Travel
S	Recommended	566	170
	Maximum	587	190
M, L, XL	Recommended	586	170
	Maximum	606	190

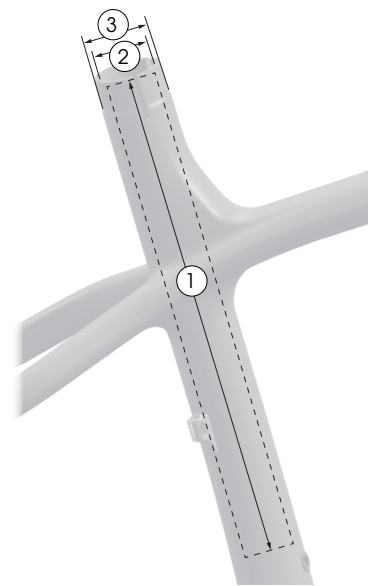
Recommended sag: Refer to the suspension calculator at [Trek bikes.com/suspension-calculator](https://trekbikes.com/suspension-calculator).

Seat post



WARNING

Always follow the seatpost manufacturer's minimum insertion recommendation. Failure to follow the recommendation could cause damage to the seatpost and result in injury to the rider.



Minimum insertion: Refer to seatpost manufacturer.

- | | | |
|---|---|---------------|
| ① | Maximum insertion | Carbon |
| | Small: | 290 mm |
| | Medium: | 275 mm |
| | Large: | 285 mm |
| | Extra large: | 325 mm |
| ② | Seat tube inside diameter: 34.9 mm | |
| ③ | Seat tube post-clamp outer diameter: 39.5 mm | |