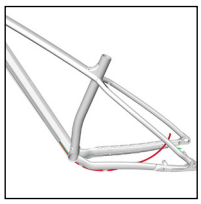


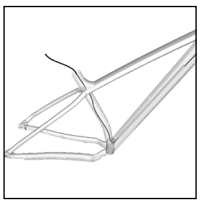
2024 Procaliber Alloy

SERVICE MANUAL

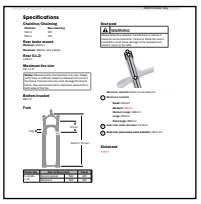
Contents


Rear axle and UDH


Brake and shift routing


Seatpost dropper routing


Frame guards


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 grease


Do not apply grease


Apply threadlocker

Nm — Torque

Zip tie

Scope

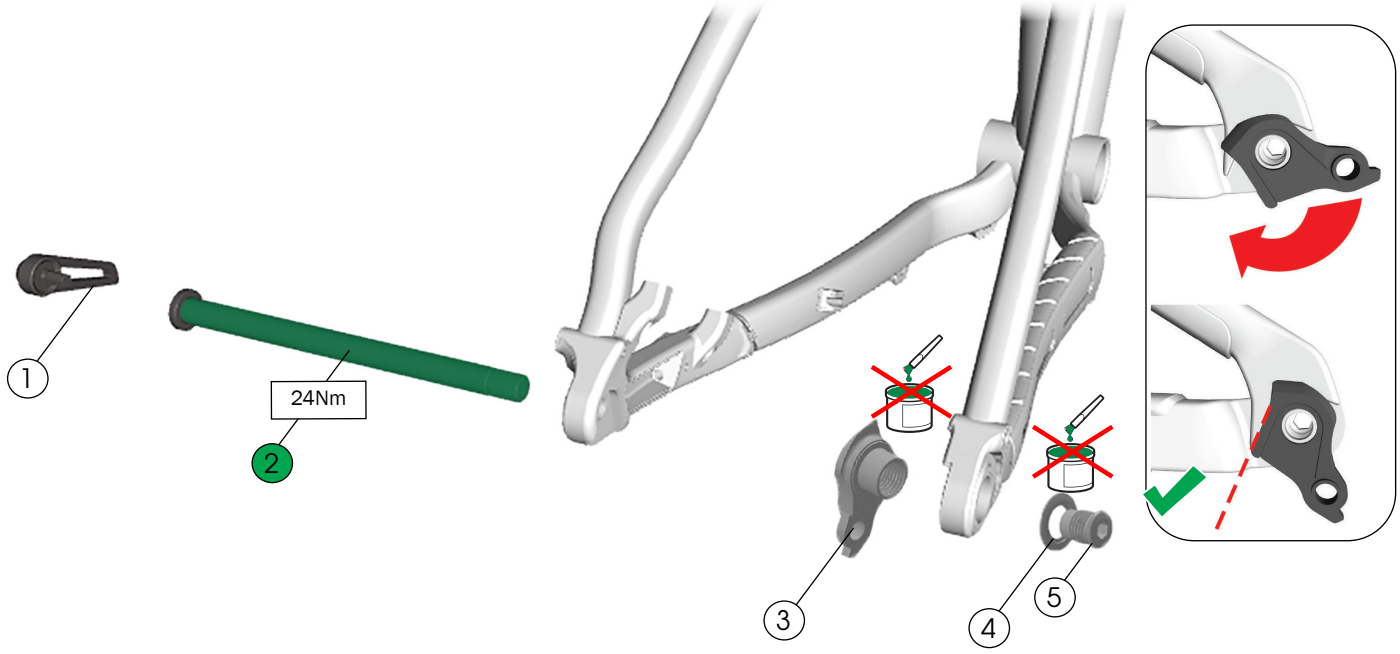
This manual contains parts diagrams, specifications (such as grease and torque values), instructions, and helpful tips. It does not contain instructions for all components (such as brake calipers). Refer to the original manufacturer for more information.

Additional resources

- Bicycle Owner's Manual: trekbikes.com/manuals
- Trek's YouTube channel: youtube.com/trekbikes

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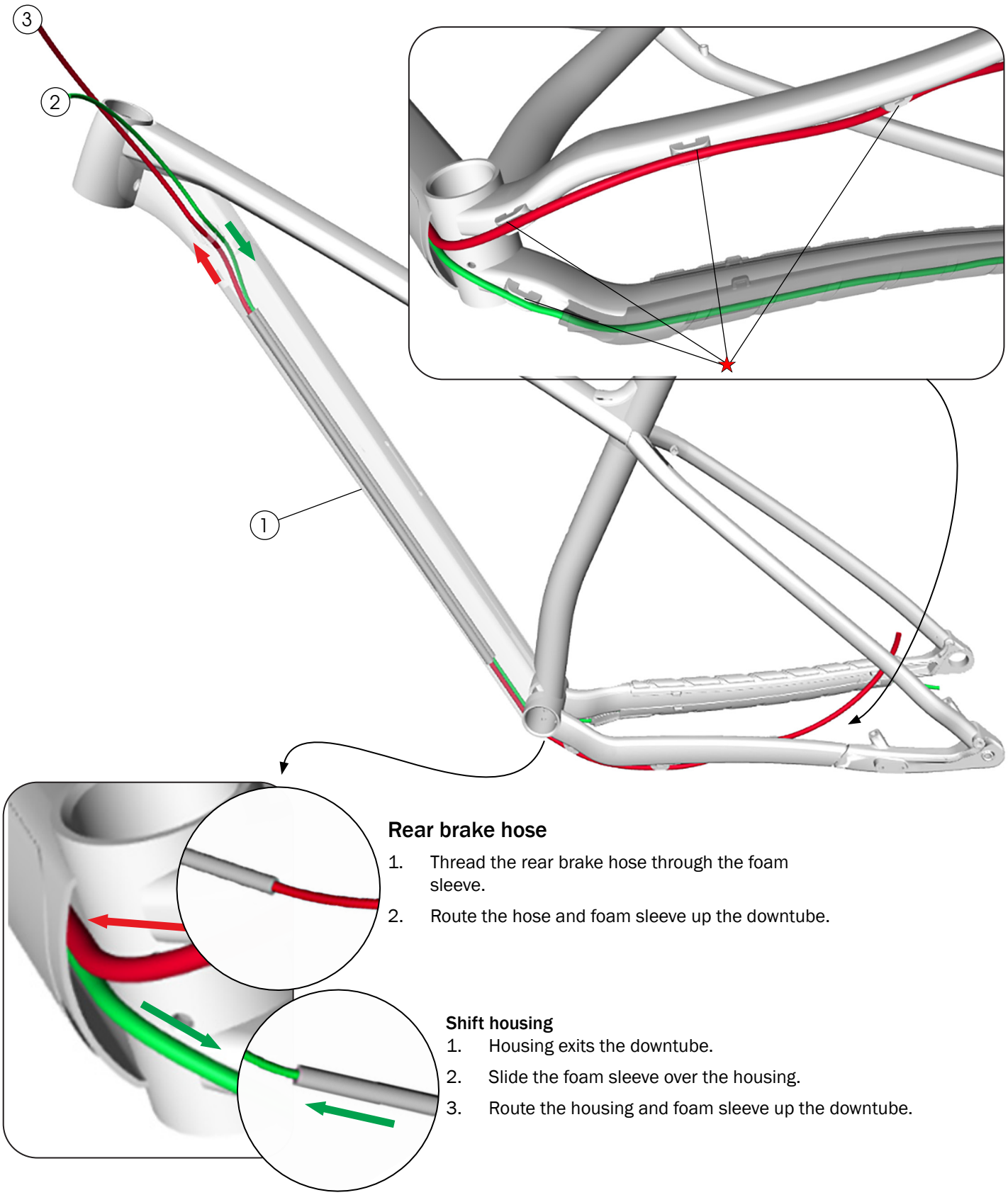
Rear axle and UDH



1. Switch lever — *W573860*
2. Thru axle, 12x180mm — *W5290786*
3. Derailleur hanger
   NOTICE: Do not apply grease.
4. Washer, 25mm
   NOTICE: The washer is frame-specific. Install only the washer size specified.
5. Bolt, M12
   NOTICE: Do not apply grease. Do not overtighten. Overtightening may damage the hanger.

— *W5271425*

Brake and shift routing



Rear brake hose

1. Thread the rear brake hose through the foam sleeve.
2. Route the hose and foam sleeve up the downtube.

Shift housing

1. Housing exits the downtube.
2. Slide the foam sleeve over the housing.
3. Route the housing and foam sleeve up the downtube.

(1) Foam sleeves — W528082

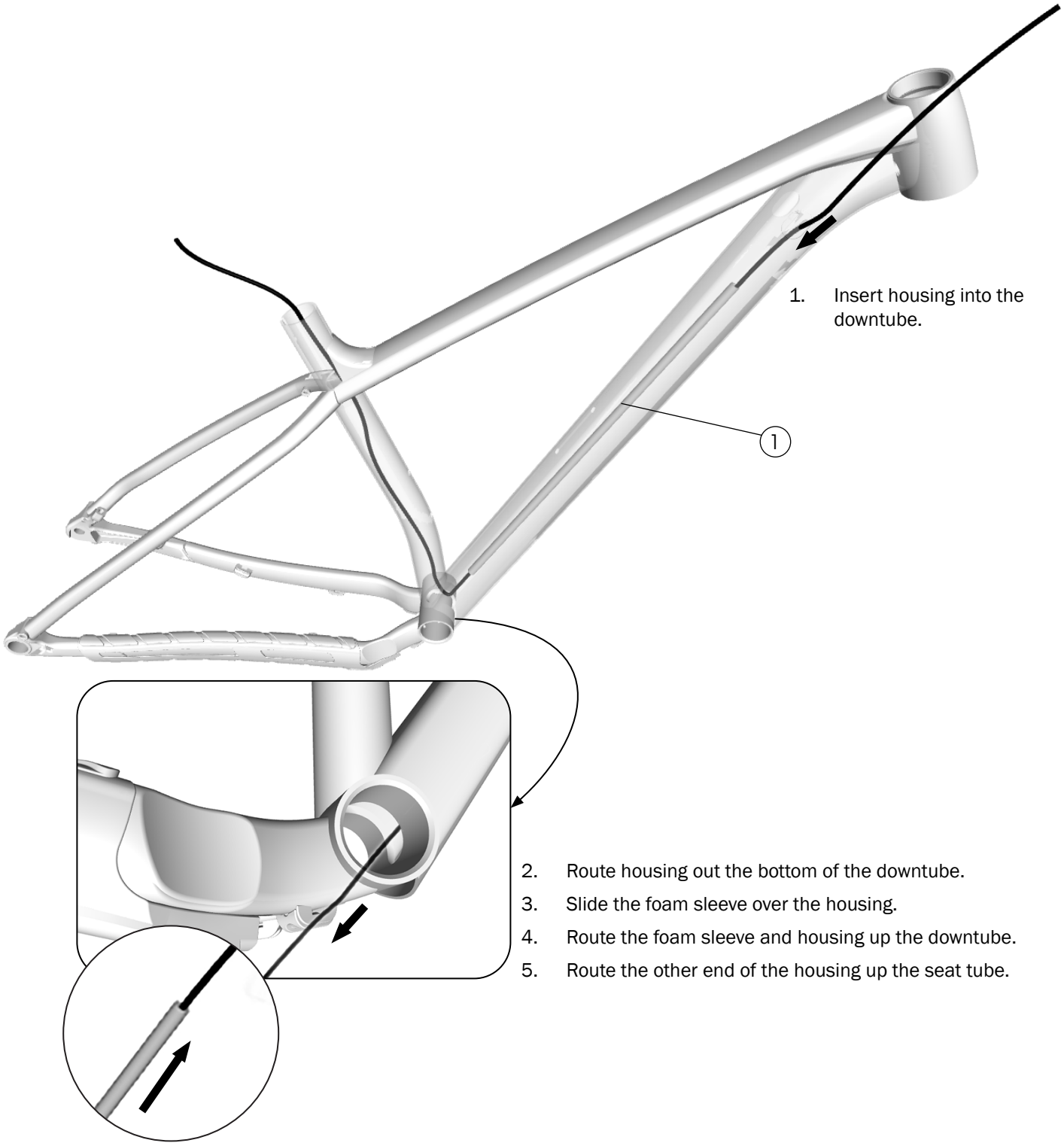
(2) Rear brake hose

(3) Shift housing

★ Zip ties

Seatpost dropper routing

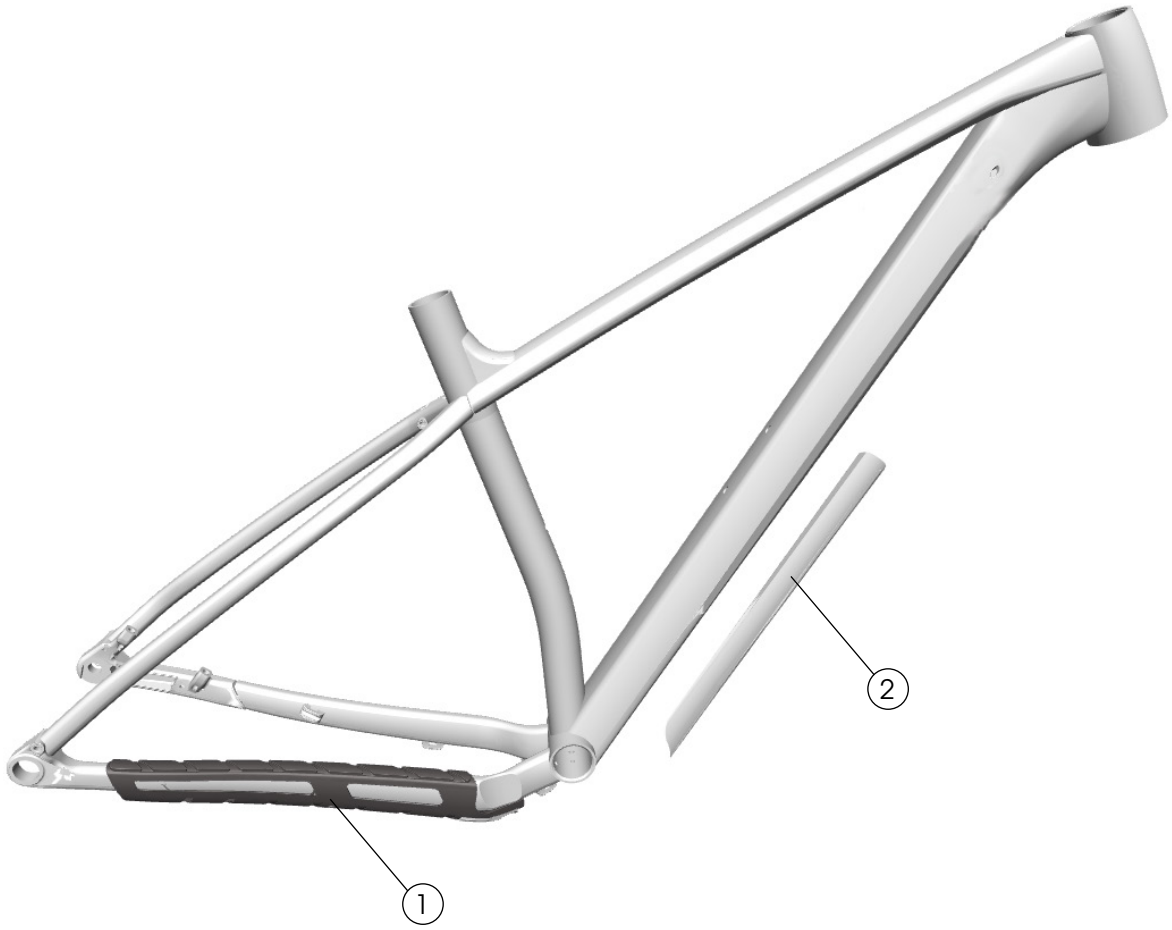
Bottom bracket must be removed to route the dropper housing.



1. Insert housing into the downtube.
2. Route housing out the bottom of the downtube.
3. Slide the foam sleeve over the housing.
4. Route the foam sleeve and housing up the downtube.
5. Route the other end of the housing up the seat tube.

1 Foam sleeve — W528082

Frame guards



1. Chainstay guard — *W5293689*
2. Downtube guard:
   SM/MD/ML frames — *W5308424*
   LG/XL frames — *W5308425*

   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.

Specifications

Chainline/Chainring

Chainline	Max chainring
52mm	30T
55mm	34T

Rear brake mount

Minimum: 160mm

Maximum: 180mm with adapter

Rear O.L.D.

148mm

Maximum tire size

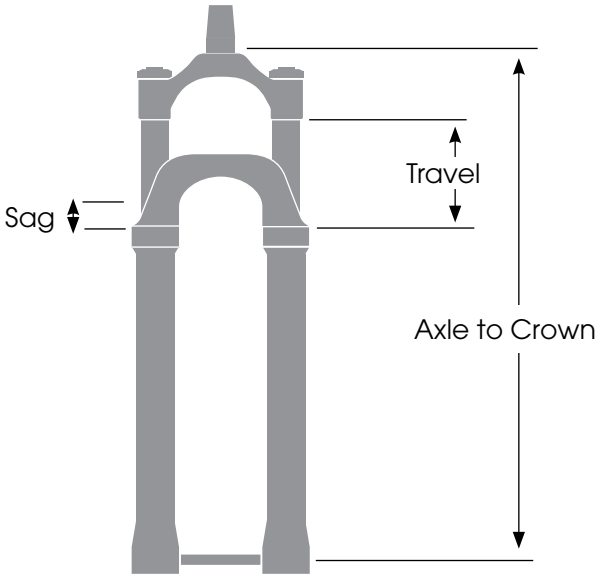
29" x 2.4"

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 6mm clearance above and on both sides of the tire.

Bottom bracket

BSA 73

Fork

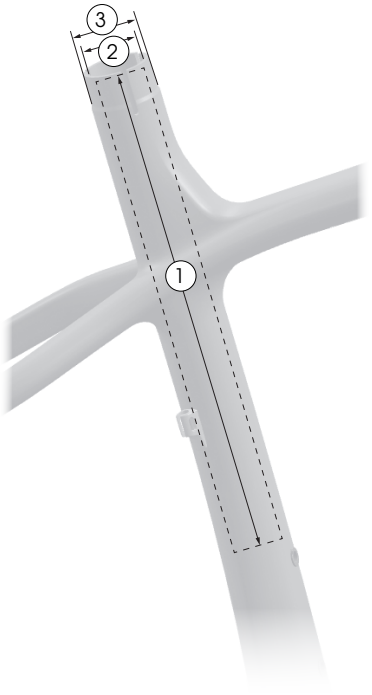


Frame size	Axle to Race (mm)		Travel
S, M, ML, L, XL	Recommended	520	120
	Maximum	540	130

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**

   Small: 210mm

   Medium: 200mm

   Medium/Large: 230mm

   Large: 250mm

   Extra large: 280mm

2. **Seat tube inside diameter:** 31.6mm

3. **Seat tube post-clamp outer diameter:** 36.2mm