

MY23 Fuel EX FAQ's

What's new about the frame?

- An aggressive, forward-leaning visual redesign
- More travel: 150mm front/140mm rear
- Size-specific chainstay lengths
- Threaded bottom bracket
- Adjustable geometry via Mino Link and aftermarket angled headset cups
- Adjustable suspension progression provides more support for coil shocks or extra-aggressive riders looking for more bottom-out resistance
- A 34.9mm seat tube for fitting burlier, more reliable dropper posts
- Guided internal cable/hose routing for simplified maintenance and less noise
- A full-length dual-density downtube guard for protection from debris and during shuttle runs
- Alloy models now get internal downtube storage!

Do any frame sizes feature curved top tubes for lower standover?

No.

Can XS and S bikes with 27.5" wheels run a 29" front wheel?

No, there's not enough fork clearance.

In which Mino Link position does the bike ship?

Low/slack (64.5 degrees)

What happens if I flip the Mino Link position to High?

You'll get a half degree steeper head angle (65 degrees) for quicker handling and an 8mm higher bottom bracket for more ground clearance.

How does the adjustable headset work?

You can swap out your headset cups to get a full degree of head angle adjustment without affecting any other measurements. The bikes come stock with the zero degree cups, but SKU W5295319 (sizes XS-L) or W5295274 (sizes XL-XXL) gets you the angled upper cup and SKU W5294449 (all sizes) gets you the angled lower cup.

The upper cup is a drop-in part, but the lower cup needs to be pressed in with a standard shop headset press. The cups have notches and laser-engraved guides to help you install them straight. For more detailed installation instructions, watch the Fuel EX service video on Trek U.

Install the angled cups in the indicated slack position to get a 63.5 degree head angle for more stability, or rotate 180 degrees to get a steeper 65.5 degree head angle for quicker handling.

Alloy	XS 27.5	S 27.5	S 29	M 29	ML 29	L 29 and up
Max A2C	550mm	550mm	578mm	578mm	578mm	578mm
Max fork	150mm	150mm	160mm	160mm	160mm	160mm

How much dropper post insertion does the frame have?

Carbon	XS 27.5	S 27.5/29	M 29	ML 29	L 29	XL 29
Max (mm)	205	225	255	266	281	316

Alloy	XS 27.5	S 27.5/29	M 29	ML 29	L 29	XL 29	XXL 29
Max (mm)	180	210	240	250	265	300	330

Does it have any accessory mounts (kickstand, racks, fenders, lights)?

Fuel EX 9.8 and 9.9 come with a Blendr-compatible bar/stem. Otherwise, Fuel EX is a purpose-built trail bike and doesn't have mounts for a kickstand, racks, or fenders.

What is the maximum chainring size? Minimum chainring size?

Max: 34T round, 32T oval; Min: 28T

What is the chain line?

55mm

What is the crank interface?

BSA 73mm, threaded

Does it have ISCG mounts?

ISCG-05, 3-bolt

Which version of Knock Block does it use?

No Knock Block here.

What is the rear brake mount? What is the max rotor size?

180mm direct post mount (203mm max)

Which aftermarket shocks are compatible?

We know that the following shocks will fit. Other shocks may fit, as there is generous clearance, but should be checked for frame clearance at full suspension compression.

- All FOX, air and coil
- All RockShox, air and coil

- - Flight Attendant fits all sizes, but with no bottle clearance on sizes XS, S 27.5, and S 29.
- DVO, air and coil
- Push shocks
 - - No bottle clearance on sizes XS, S 27.5, S 29.
- EXT Storia coil

What size hardware is needed for aftermarket shocks?

Fuel EX takes a 185mm x 55mm shock with an industry standard 54mm x 10mm upper Trunnion and 40mm x 8mm lower standard pin mount. Fox and RockShox lower eyelet hardware in the 40mm x 8mm size are available on B2B.

Are there different sizes chainstays for size-specific stays?

Size-specific chainstay lengths are achieved by altering the main frame, not the chainstay. This means replacement chainstays are the same for all frame sizes (for a given wheel size).

Will the alloy stays work on carbon frames and vice versa?

Yes.

Will there be painted replacements for paint-matched storage doors?

Yes, replacements can be found in each model's [Trek](https://www.trek.com)bikes.com page under Bike Tech. Note that the entry-level models get a black storage door.