

CARBON ULTIMATE FRAME
OWNER'S MANUAL



— PREMIUM —

JOSH

DUTCH DESIGN & ENGINEERING

— SINCE 2007 —

WELCOME

Thank you for choosing the Josh Ultimate Carbon Frame. Before you embark on your thrilling racing journey, we want to provide you with important technical and safety information.

FRAME STANDARDS

Bottom Bracket	PressFit BB86.5X41
Brake mount	Flat mount
Brake Rotor	120MM
Headset	Integrated 42/52 Tapered
Max Chainring	48t
Rear axle	15x140MM M14X1
Seatpost	27.2MM
Seatpost clamp	31.8MM
Wheel size	Max 20x1.75"

WARNING:

Ensure you review and understand this manual's warnings, instructions, and content and accompanying manuals for your bicycle.

WARNING:

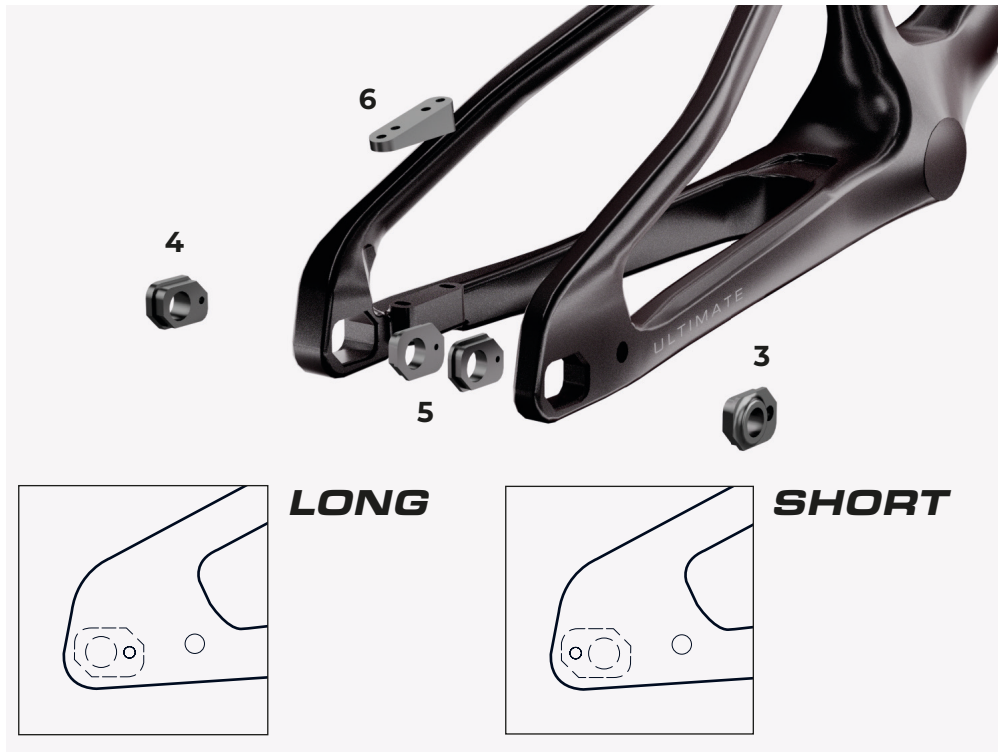
Technological advances have made bicycles and bicycle components more complex, and the pace of innovation is increasing. It is impossible for this manual or the accompanying manuals to provide all the information required to repair and/or maintain your bicycle correctly. To help minimize the chances of an injury, it is critical for you to have work performed by an authorized JOSH dealer.

EXPLODED VIEW PARTS LIST



Item no.	Part	Description
1	JS0124001	Headset Flip-chip Upper
2	JS0124002	Headset Flip-chip Lower
3	JS0124003	Dropout Flip-chip Drive-side outer
4	JS0124004	Dropout Flip-chip Non-drive-side outer
5	JS0124005	Dropout Flip-chip Inner
	JS0124006	Dropout Flip-chip bolt
6	JS0124007	Discbrake adapter Long chainstay
	JS0124008	Discbrake adapter Long chainstay - Bolts
7	JS0124009	Chain-guide , Complete assably.

SWITCH WHEELBASE SETTING



- Remove the rear axle and rear wheel from the frame.
- Remove brake caliper
- Remove all four flip chips (4,5,6)
- Make sure the flip chips are free of dirt and debris when changing. Lubricate all parts with high-quality Carbon assembly paste.
- Reinstall the flip chips in the desired long or short position. When replacing the adjustable flip chips, ensure it is correctly located in the drop-out and that both parts of the flip chip are aligned in the same direction.
- Insert the flip chip bolt but don't tighten.
- Reassemble the rear wheel and rear-axle the frame, then torque the axle to 12Nm.
- Torque the flip chip bolt to 4Nm
- (Re-)assemble brake caliper. - torque the caliper to 8Nm.

Important*

Long wheelbase	Use Brake caliper-adapter (6)
Short wheelbase	Don't use Brake caliper-adapter (6)

SWITCH HEADSET SETTING



- Loosen the stem bolts that attach it to the fork steerer.
- Loosen and remove the top cap bolt.
- Remove the stem from the fork steerer and remove the fork from the frame.
- Remove the headset cups(1,2) from the head tube and choose the headset cup position for the rider's desired position.
- When installing the adjustable flip chips, ensure it is correctly located in the head tube and that both parts of the flip chip are aligned in the same direction.

Important

Make sure the head tube and headset cup are free of dirt and debris when changing. Apply Loctite 638 to Flip-chip cups Interface surface. These parts drop into the frame- no tools are required.

- Install the headset parts, bearings, into the cups. Lubricate all the parts with high-quality waterproof grease.
- Slide the fork steerer tube back through the headtube and headset parts.
- Install the stem onto the steerer tube.
- Install the top cap and compression bolt into the star nut in the fork. Tighten the bolt until all the parts are snug and settled. The stem should rotate freely, but there should be no fore/aft free play in the system.
- Torque the stem bolts to the recommended torque setting.

INSTRUCTIONS CHAINGUIDE



Proper usage of the chain guide is essential for optimal performance and safety.

The mounting of the chain tensioner should be as short as possible. If the chain tensioner is too far away from the frame, it could cause the chain to become loose or jump off the sprockets and chain guide. In this case, we recommend using a half link in the chain to bring the tensioner closer to the frame.

Adjusting the Chainguide:

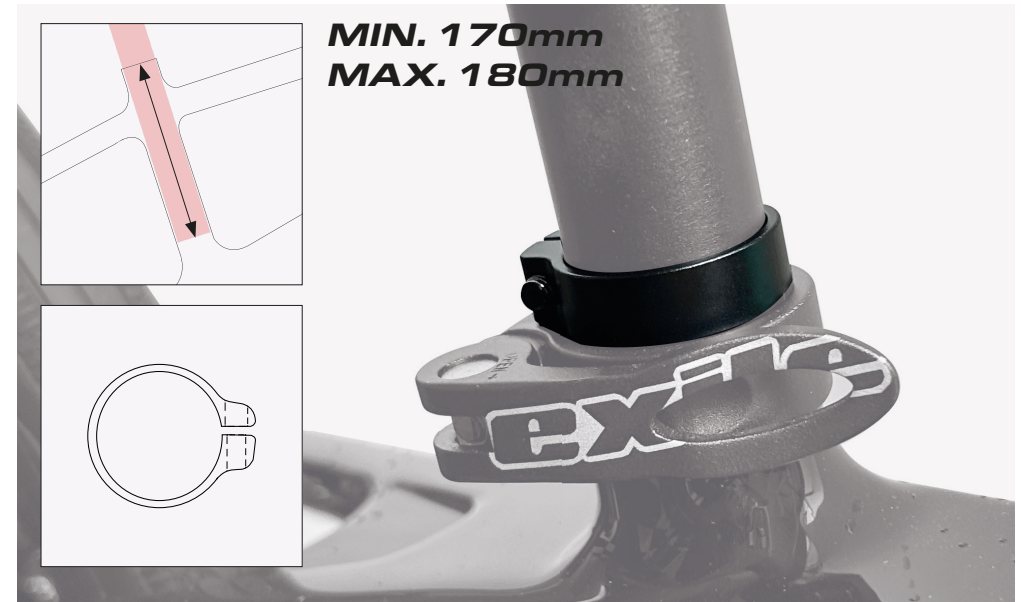
- Loosen the Chainguide bolt (1.)
- Adjust the guide so that the chain has the proper tension.
- Tighten the Chainguide bolts., then torque to 10Nm
- Fine tune your chaintension by loosen bolt (2.) and adjust the eccentric wheelaxle (3.). Tighten bolt (2.), Tighten torque to 4Nm.

Maintenance:

- Check the chain guide before each ride to ensure that it is properly secured and functioning correctly.
- Clean and lubricate the chain and chain guide regularly to extend its lifespan.
- If the chain guide becomes damaged or worn, replace it immediately to prevent any potential issues.

Remember, the chain guide is an essential component for preventing chain drops during aggressive riding and racing. By following these instructions, you will significantly reduce the risk of chain drops.

SAFETY WARNING RECOVERY SEATPOST



At Josh, we prioritize the safety and performance of our riders. To enhance your racing experience, the Josh Ultimate Carbon Frame is compatible with a recovery seat post. However, it is crucial to follow specific guidelines to ensure your safety and protect the integrity of your frame. Please read the following warning and advice carefully:

Important

Warning: Using a recovery seat post without the proper precautions can compromise the performance and structural integrity of the frame, and may void your warranty.

Seat Post Limiter:

We strongly advise using a seat post limiter on your recovery seat post. This small device restricts the maximum insertion depth of the seat post into the frame.

- Position the seat post limiter approximately 170mm from the bottom of the seat post.
- By using the seat post limiter, you secure the seat post in place and prevent potential damages to the frame.

KEEP YOUR JOSH FRESH AND CLEAN

MAINTENANCE OVERVIEW

Following these guidelines will help maintain the performance of your bicycle and prevent more serious problems. It is important to remember that service intervals can vary depending on climate, trail conditions, and riding frequency. Servicing your bike requires special knowledge and tools. If you need clarification on working on your bicycle, contact your JOSH Dealer for more information.

	Before each ride	Weekly	6 Months
Clean and lube chain	•		
Check tire pressure	•		
Clean bike of mud and debris	•		
Check brake function	•		
Check brakehoses for wear or damages	•		
Check frame for deformations or cracks	•		
Check for loose bolts and tighten, if necessary		•	
Check headset and tighten/loosen, if necessary		•	
Check / replace brake pads		•	
Check tires for wear		•	
Check spoke tension, retention, if necessary		•	
Check chain for wear, replace if necessary		•	
Complete tune-up performed by an authorized JOSH Dealer			•

CRASH REPLACEMENT PROGRAM

Even with proper handling and maintenance, your JOSH product is not immune from damage in a crash or similar. For that reason, in addition to the two-year warranty, the Crash replacement program offers an additional two years of replacement service.

The crash replacement program shall allow you to replace your JOSH frame in case of a crash.

Getting your crashed product replaced

To learn if your JOSH product is eligible for crash replacement, please create a service request via our website (Link to the website via QR-Code) to fulfill the replacement.

And include the following information:

- Picture(s) of the damaged product
- JOSH model
- JOSH serial number
- Date and place of purchase
- Proof of purchase
- Your contact details
- Your shipping address

After JOSH has reviewed your request for a crash replacement, JOSH will send you a replacement proposal.

After your request for a crash replacement has been approved, we ask you to ship your product to the JOSH service center to fulfill the replacement.

The replaced product will be supplied without JOSH's standard two-year warranty. To enable us to service your product as quickly as possible, please remove all accessories, including tires, tubes, rim tape, cassettes, skewers, computer magnets, etc.

If you fail to remove these items, JOSH will not be responsible if these items are lost or damaged. JOSH will further have to charge you for removing them.

In case of the unavailability of the model of the product that you would like to get replaced, JOSH may supply a comparable product model.

JOSH has the right to exclude a product from crash replacement. In such cases reasoning is not required.

CREATE SERVICE REQUEST



WARRANTY POLICY

Handelsovername van Verstegen - JOSH BMX (hereinafter referred to as "JOSH") provides its customers with a limited two (2) year warranty on Josh Ultimate Carbon Frame (hereinafter referred to as "Frame") purchased at JOSH or an official JOSH dealer. JOSH warrants the structural integrity of the frame or frameset to the original retail purchaser for two (2) years from the date of the original retail purchase. The consumer purchased the product from JOSH or a registered JOSH dealer.

Exclusions:

- The warranty does not cover normal wear and tear, including cosmetic damage.
- Any damage from a crash or other accidental damage.
- Damage from abuse, corrosion, neglect, or other abnormal, excessive, or improper use.
- Improper alteration or installation of components, parts, or accessories not originally intended for or compatible with the frame.
- Failure to perform maintenance or service at appropriate intervals in accordance with the written instructions provided with the Product.
- Any repairs or alterations made by unauthorized personnel, or third parties will void the warranty.
- Our warranty policy is limited to the original frame and does not extend to any other components or accessories.

Claim Process:

To initiate a warranty claim, please get in touch with our customer service department. Please provide proof of purchase, including the purchase date and location. Our team will assess the claim and may request additional information or documentation as necessary.

Resolution:

Depending on the damage, we'll determine whether to replace or repair the product at our discretion. JOSH may supply a comparable product if the claimed product is unavailable.

Shipping and Labor Costs:

The customer is responsible for any costs associated with shipping the frame for warranty evaluation or repair. The warranty does not cover labor costs for the installation or removal of the frame.

Please note that this warranty policy is a summary and is subject to our complete terms and conditions. If you have any further questions or require assistance regarding our warranty, don't hesitate to contact our customer service department.

SAFETY WARNING

Not Immune to Damage:

Even with proper handling and maintenance, it is essential to note that no product is immune from damage in the event of a crash or similar incidents. While the Josh Ultimate Carbon Frame is designed to be strong and durable, it is crucial to exercise caution during racing activities to minimize the risk of damage.

Inherent Danger of BMX Racing:

BMX Racing is an inherently dangerous sport involving high speeds, jumps, and maneuvers. It is essential to recognize that participating in BMX Racing can pose serious risks, including the potential for injury or even death. Please understand the risks involved and make informed decisions accordingly.

Adherence to Safety Standards:

The Josh Ultimate Carbon Frame meets and exceeds (European Standard) testing standards, including ISO-4210-6. These standards ensure that the frame has undergone rigorous testing to meet safety requirements. However, it is essential to remember that compliance with these standards does not eliminate all risks involved in BMX Racing.

Proper Installation by a Professional:

For optimal safety and performance, the Josh Ultimate Carbon Frame must be installed by a professional bicycle mechanic. The expertise and knowledge of a professional mechanic will ensure that the frame is correctly and securely installed, reducing the risk of potential issues or accidents due to improper installation.

Proper Maintenance and Inspection:

It is crucial to follow proper maintenance guidelines to ensure the optimal performance and safety of your Josh Ultimate Carbon Frame. Inspect the frame for any signs of damage, such as cracks or dents, and address them immediately. Maintain the frame according to the manufacturer's instructions to maximize its longevity and safety.

Use Protective Gear:

We strongly recommend wearing appropriate protective gear, including a properly fitting helmet, knee pads, elbow pads, and other protective equipment, while engaging in BMX Racing. This can significantly reduce the risk of severe injury in the event of a crash or fall.

Enjoy your racing experience but prioritize your safety above all else.

CONTACT

Handelsovername van Verstegen - JOSH BMX
Peperstraat 14
5314 AN BRUCHEM - The Netherlands
BTW NL811484087B01
info@josh-bmx.nl
www.josh-bmx.nl

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