



HELLION

HELLION 16

HELLION 20

HELLION 24

USER MANUAL

KNOW YOUR BIKE



- A Brake Lever
- B Headtube
- C Headset
- D Crank
- E Front Chainring
- F Chain
- G Cassette
- H Disc Brake
- I Seatpost Clamp
- J Saddle
- K Seatpost
- L Stem
- M Fork
- O Pedal



Your Early Rider will be fully assembled when purchased from an Early Rider authorised dealer.

If you have purchased your Early Rider online then some assembly will be required. Use this manual to instruct you how to complete the final assembly of the bicycle.

These instructions are intended to detail some important points vital for the safe and efficient running of your bike and to run through the adjustment of the bike to accommodate your child's development.

Please retain these instructions for future reference.

EARLYRIDER.COM/MANUALS



HEY!
THANK YOU...

Thank you for choosing one of our awesome bikes! They are brought to you by a small team of passionate life-long bikers based in Henley-on-Thames, UK.

We simply love what we do and we hope that shows in the amazing Early Rider bike you have selected. If you have any questions simply speak to your retailer or drop us a line at:

info@earlyrider.com



So, you're ready for your first adventure. Why not hashtag us on Instagram and share it with the world?

[@earlyrider](https://www.instagram.com/earlyrider) [@earlyriderbikes](https://www.instagram.com/earlyriderbikes)

SETTING UP YOUR BIKE

1 ADJUST THE SEATING POSITION

SEAT CLAMP

Sit your child on the bike. Adjust the saddle position so that your child can support themselves with their feet on the ground and their legs slightly bent.

They need to be comfortable and stable when they are getting started on the bike. Once familiar with the bike, you can begin to raise the saddle height to enable a little extra pedal power, but be sure to do this only as your child's confidence develops.

Encourage your child to pedal with the ball of their foot. In time you can get them to a riding position where the leg is slightly bent at the bottom of the pedal stroke for optimum efficiency.

IMPORTANT STUFF

Your seat post is marked to indicate the maximum permissible height of the saddle. **For safety reasons, do not exceed the maximum extension mark.**



SEAT RAILS

The Hellion bikes are equipped with anatomically correct performance seats specially designed for children. It uses rails together with a micro-adjust seatpost to give you precise control over reach and angle. We recommend you work with your child to find the perfect position.

To adjust simply loosen the allen key bolts under the seat at the top of the seat post (see pic). Once loose you will be able to move the seat backward and forwards and angle it up and down. Once the desired position has been found just tighten the bolt and you're ready to ride!



SETTING UP YOUR BIKE

2 ADJUST THE HANDLEBARS

The handlebars can be adjusted to suit the rider. The height can be altered to find the most comfortable riding position for your child.

STEM HEIGHT

Your Early Rider has a “threadless” headset system which uses a series of spacers that can be placed above or below the stem to alter the handlebar height (see maintenance - ‘headset’ for adjustment information).



3 CHECK YOUR WHEELS & TYRES

TYRES

Check your tyre pressure before riding, either by hand or by using a pressure gauge. Your tyres should be inflated to the pressure range indicated on the tyre sidewalls. Under inflated tyres will increase traction but will be harder to drive and will increase the chance of punctures.

WHEELS

Spin the wheels to make sure the rims run true. If the wheels become untrue, they can easily be repaired by an experienced bike mechanic. It is possible that a light rubbing can be heard when the wheel turns. This sound comes from light contact between the disc and the brake pads, and will disappear after the initial running-in period. If the wheel does not turn freely or the sound does not disappear however, it would be best to seek professional help.



SETTING UP YOUR BIKE

4 CHECK YOUR BRAKES DISC BRAKES

Your EarlyRider is set up so the right hand brake lever operates the front brake. If the destination country drive on the right, the right hand brake will operate the rear brake. Please check before the first ride.

The Hellion bikes are fitted with hydraulic disc brakes. You can adjust the reach to the lever using the allen head screw to find the perfect reach for your child's hands. Squeeze the brakes before setting off on a ride to make sure they are working correctly. If not, please refer to the downloadable Promax User Manual or contact your local dealer.

Encourage your child to pull the brake lever smoothly and gradually. Remember that braking will throw the rider's weight forward and so when the brakes are applied, extend or tense the arms to resist this motion. Regularly inspect the brakes for adjustment and wear and make sure your child knows which brake lever operates which wheel.

FOR FURTHER INFORMATION AND MAINTENANCE TIPS,
PLEASE DOWNLOAD THE RELEVANT USER GUIDE FROM
EARLYRIDER.COM/MANUALS



SETTING UP YOUR BIKE

5 GEARS - TRIGGER SHIFTERS

Shift gears by pushing the triggers with your thumbs. To change to an easier gear, push the largest trigger with your thumb (the one nearest to you). To change to a harder gear, push the smaller trigger with your thumb (the one furthest from you). When approaching inclines shift down to an easier gear in good time. The smoothest and fastest gear change happens when changing gears while pedaling with low force.

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EARLYRIDER.COM/MANUALS

IMPORTANT STUFF

Periodically check to make sure your gear hanger isn't bent. If it is, contact your Early Rider dealer or customer support.



H20 & H24

SETTING UP YOUR BIKE

SUSPENSION FORK (H20 & H24)

If Early Rider is fitted with a Air sprung suspension fork. They've had the Air-pressure set to suit the average weight of rider. At the top you will see a compression adjust with lock-out. On the bottom of the fork you will find your rebound adjust. You can use these to find the best set up for your child and riding environment.

COMPRESSION ADJUSTMENT

Use this for when road riding or smooth paths. This will ensure that energy isn't wasted through compression of the forks when not needed. This adjusts the amount of force required before the fork begins to compress - and can be adjusted to lock out the fork completely.

REBOUND ADJUSTMENT

The rebound adjustment is located on the bottom of the damper leg. Adjust this to control how quickly the fork springs back after compression.

SETTING SAG

Ideal sag is when the fork compresses between 15-25% of max travel when seated on the bike. If the distance is shorter than 15%, It means the fork is too stiff (You need to decrease the air pressure). If the distance is longer than 25%, It means the fork is too soft (You need to increase the air pressure).

To measure sag you can use a zip tie tied around the fork stanchion.



5 B ADJUSTING AIR PRESSURE

Consult the table on the rear of the air chamber fork leg for a suggested air pressure. Make sure the bike is level and follow the instructions below:

1. Unscrew the valvecap on the left hand (compression) leg and set aside.
2. Use a shock pump (not supplied), to pressurize the fork to the desired level (upon removing the pump you may loose air- this is air escaping from the pump and doesn't affect the pressure in the fork.
3. To decrease the air pressure, we would recommend using the shock pump as the air chamber volume is small and will allow better control.

IMPORTANT STUFF

Changing suspension settings on the fork can change the handling of the bike. Always check for changes in handling or braking by taking a careful test ride after each adjustment

FOR FURTHER INFORMATION AND MAINTENANCE TIPS, PLEASE DOWNLOAD SUSPENSION USER GUIDES FROM EARLYRIDER.COM/MANUALS



H20 H24

SAFETY FIRST

RIDING IN THE DARK

Your Early Rider Bike comes with a full set of reflectors. Keep them on the bike and keep them clean; they will help your child to be seen by others.

If you and your child will be riding in dull or dark conditions we strongly recommend that you use a set of reliable battery powered lights. We also strongly recommend your child wears reflective clothing when riding, but especially in low light conditions.

BAD WEATHER

Always be aware that brakes do not work as efficiently in wet weather as they do in the dry. Even well maintained brakes will require more pressure on the lever and a longer distance to stop.

Make sure to remind your child to familiarise themselves with braking when they ride in variable conditions. Also remember that visibility is reduced in the wet.

IMPORTANT STUFF

When riding a bicycle, a child should wear a correctly fitted helmet at all times. **Failure to do so may result in serious injury.**

INTENDED USE

The Hellions are children's bikes. As such, they are not intended for use by an adult. An adult's weight on the bike could result in damage to parts on the bike including, but not exclusive to, the frame, forks, cranks and wheel set.

Although we test our bikes beyond their intended usage and weight, the maximum safe combined weight for rider + luggage is:

Hellion 16: 30kgs

Hellion 20: 40kgs

Hellion 24: 50kgs

The Hellions are designed to be ridden on paved, unpaved, gravel roads and off-road trails where a short loss of contact with the ground due to small steps can occur.



Protect
YOUR
Noggin

PLEASE RIDE WITH CARE!

No matter how experienced your child is, it's worth spending some time allowing your child to get used to riding their new bike in a quiet, open area, free from traffic.

The bike is built for speed and awesomeness. Ensure that your child is properly protected at all times and above all...

ALWAYS WEAR
A HELMET!

SIMPLE MAINTENANCE



Your Early Rider Bike is uniquely designed to be low maintenance but it will still benefit from care and attention.

CLEANING

Weather conditions are generally the biggest factor that determine the frequency of cleaning and lubrication.

Cleaning your bike regularly means you are more likely to notice any loose or worn components and possible frame damage. A clean, well lubricated bike will also run more smoothly and look great.

We recommend using a bicycle cleaner, a sponge and a brush. Wash, rinse and dry before lubricating it.

DO NOT JET WASH as this may damage your bike's cartridge bearings.

After cleaning your bike, it is advisable to spray with a water dispersant, let it dry and then lubricate moving parts.

The drivetrain and gear cables will benefit from regular lubrication with a suitable bicycle specific lubricant.

LUBRICANTS

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Component	Lubricant	Frequency
Chain	Oil	Weekly/after washing/rain
Gear Cables	Oil	Weekly/after washing/rain
Rear Derailleur	Oil	Weekly/after washing/rain

Although the bike uses corrosion resistant hardware - a small squirt of a water dispersant on all bolt heads will help stop corrosion and keep the bolts looking like new.

MAINTENANCE SCHEDULE

It is advisable to have your bike serviced regularly to keep it in good working order. If you consistently ride more or in poor weather conditions, then you should check the bike more frequently.

Frame & Forks	Check for damage, discolouring, dents or cracks before every ride
Tyres	Check pressure, tread and sidewalls for damage before every ride
Brakes	Check function before every ride
Bolts & Hardware	Check bolts are tight weekly - spray with water dispersant after washing/rain
Brake Pads	Check wear of brake pads weekly
Bottom Bracket	Check for play/damage monthly
Crank Bolt	Check Crank bolts are tight on a weekly basis.
Drivetrain	Keep lubricated weekly, check for wear and replace if necessary
Wheels	Check for trueness and spoke tension weekly, check for bearing play
Suspension Forks	Wipe mud from fork seals after every ride, check function before every ride and service according to manufacturers schedule

SIMPLE MAINTENANCE

THREADLESS HEADSET

Your Early Rider bike uses a 'threadless headset'. Threadless headsets use a stem that clamps around an unthreaded steerer tube of a fork. Adjustment of these headsets (or re-tensioning after re-positioning of spacers to adjust the stem height) is relatively straightforward - threadless headsets can be adjusted with a simple allen key.

If the headset is loose, first loosen the stem bolts so that it can move on the steerer. Tighten the bolt in the centre of the top cap that sits on top of the stem until the play is taken up.

Do not over tighten this top bolt. Rock the bike back and forth with the front brake on to check for play and tighten a quarter turn until the play is eliminated. Then tighten the stem bolts correctly ensuring that the stem is lined up with the front wheel.

Correct tensioning of these bolts involves adding a half turn to each bolt in turn until the correct level of torque is reached. Rotate the bars from side to side - the headset should feel smooth, not lumpy or stiff. If it is, undo the stem bolts and loosen the top cap bolt a quarter turn and try again.

Bearing damage caused by lack of maintenance or by riding the bike with a loose headset may mean that a smooth feel is not possible - in this case please consult your local dealer for advice.

HEADSET & STEM

Although the bearings of a headset don't rotate as frequently as the other bearings on a bike they are among the most important as they control the accurate steering of your bike. A loose headset can quickly damage the bike making it hard to control. Check your headset every time you ride. To check headset tightness, put the front brake on and rock the bike back and forth. If you feel movement tighten the headset.



IMPORTANT STUFF
WARNING! A loose headset can cause a serious accident - ensure that any play here is eliminated before the bike is ridden. Consult a dealer if in doubt.



SIMPLE MAINTENANCE

IMPORTANT STUFF

Disc brakes can reach a very high operating temperature. Do not touch them, especially after a long descent, as you can burn yourself.

HYDRAULIC DISC BRAKES

Regularly check the brake hoses and connections for leaks while pulling on the lever. In the case of brake fluid leakage, contact your Early Rider dealer immediately. A leak in the brake lines can render the brake ineffective.

BRAKE PAD WEAR

Disc brake pads are subject to wear, depending on usage and conditions. Brake pads must be replaced if the total thickness of the backing plate and pad is less than 3mm. We recommend replacing pads with the same organic compound to maintain performance.

You may periodically need to 'centralise' your brakes. To do this, loosen the 2 caliper bolts so the caliper is free to move, pull the brake lever to the handlebar and re tighten the caliper bolts to 9-10Nm.

FOR FURTHER INFORMATION AND MAINTENANCE TIPS, PLEASE DOWNLOAD THE RELEVANT DISC BRAKE USER GUIDE FROM EARLYRIDER.COM/MANUALS



ADJUSTING GEARS

The gears on the bike were carefully adjusted during assembly and checked by your dealer. However, the cables may stretch a little during the first few miles, making gear shifting imprecise and often a noisy drivetrain. If this happens, you may need to adjust the tension in the gear cable. To do this, wind the barrel adjust anticlockwise on the gear shifter by quarter of a turn until the gears function properly and the noise disappears.

Adjusting the rear derailleur accurately is a job for an experienced mechanic. Shimano has an extensive library of instructions and technical guides on their website or if you have any problems, please consult your local dealer or contact customer service.

FOR FURTHER INFORMATION AND MAINTENANCE TIPS, PLEASE DOWNLOAD THE RELEVANT USER GUIDES FROM EARLYRIDER.COM/MANUALS



SIMPLE MAINTENANCE

WHEELS

The condition of your wheels is key. The best maintenance for a wheel is preventative maintenance. Watch for these potential usage-created problems:

DIRTY RIMS

Dirty or greasy rims can render your brakes ineffective. Do not clean greasy rims with solvents. Wipe your rims with a clean rag or wash with soap and water, rinse and let air dry. When lubricating your bike, be sure not to get oil on the braking surfaces. If this happens, use a bike specific degreaser to remove any traces of lubricant before riding or operating the brakes as it's easier to remove lubricants from the rims than the pads.

BUCKLED WHEELS

Bike wheels withstand great forces and weight. Watch for bent, loose or broken spokes that can cause your wheel to go 'out of true'. If your wheels rub noticeably on the brake pads or you feel a pulsing or juddering when you brake, your wheels may need truing. Because wheel truing is a complicated procedure we recommend you take your bike to an authorised Early Rider dealer if you feel the wheels need some attention. This is always better done sooner rather than later, as once a wheel loses its 'balance' or even spoke tension, it will deteriorate to a point where it is not possible to repair it.

PEDALS

It is important to ensure your pedals are tight in the crank before every ride. Using the bike when loose would result in damage to the crank arm and possibly yourself!

NOTE: Remember that pedal threads are different from left side to right side. The right side pedal has a right-hand thread (removes counterclockwise, installs clockwise). The left side pedal has a left-hand thread (removes clockwise, installs counterclockwise). Our pedals are printed 'L' and 'R' for left and right.

TIGHTEN PEDALS

Using a 6mm Allen key and following the direction guide above, locate the hex hole at the crank end of the pedal and tighten the thread so it is locked in.



SIMPLE MAINTENANCE

SPROCKET, CRANK & FREEWHEEL

These are components that come under significant stress. The crank and front sprocket fit onto the bottom bracket of your bike and is held on at either side by a bolt. These are among the most important bolts to check regularly - once a week. Make sure you have the right size tool (5mm Allen key) to fit the preload and pinch bolts.

The Hellion bikes are fitted with a 2 pc crank. The pinch bolts located on the top and bottom of the non driveside crank hold the crank arm in place. The side crank bolt on the Belter 24 is a bearing pre load bolt.

The pinch bolts should be tightened the pinch bolts to 14Nm.



IMPORTANT STUFF

Never ride your bike with loose cranks or pedals as this could damage your cranks which will never tighten up properly again.

SPARES AND REPLACEMENT PARTS

We carry a stock of replacement parts for your Early Rider bike including grips, tyres and inner tubes. Please visit the Early Rider website for a list of readily available parts.

www.earlyrider.com/collections/spares

If you can't find what you're looking for or for any questions regarding the compatibility of parts please contact our customer services by phone or email.

FRAME NUMBER

Please keep a record of your frame number. The frame number is located on the underside of the frame and consists of letters and numbers stamped into the frame.



LIMITED WARRANTY

Warranty coverage on your Early Rider frame, forks and components extends for ONE YEAR from the date of purchase while owned by the original retail purchaser.

This warranty does not cover:

1. Normal wear and tear. Including consumables such as tyres, grips, brake pads, inner tubes and cables.
2. Any damage, failure or loss caused by accident, misuse, neglect, abuse, failure to follow instructions or warnings in the owners' manual or manuals supplied with the bike referring to original equipment fitted.
3. Any damage, failure or loss caused by use of bicycles for stunt riding, acrobatics or other similar activities or in any other manner for which they were not designed. Bending of frames, forks, handlebars, seat posts or wheel rims can be a sign of misuse or abuse.
4. The original owner shall pay all labour charges connected with the repair or replacement of all parts. Under no circumstances does this limited warranty include the cost of shipment or transportation to or from an authorised Early Rider distributor or retailer.

Useful product life cycle

Every Early Rider bike and frame set has a useful life cycle. The useful life cycle is not the same as the warranty period. The warranty identifies the period of time that Early Rider will replace the product if this becomes necessary, this does not guarantee that the product will last forever. The length of the useful life cycle will vary depending on the type of bike, riding conditions and care the bike receives. Any non-standard use can substantially shorten the useful product life cycle of an Early Rider bicycle or frame set. All Early Rider bicycles and frame sets should be annually checked by an authorised Early Rider dealer for indications of potential failures including cracks, corrosion, dents, deformation, paint peeling and any other indications of potential problems, inappropriate use or abuse. These are important safety checks and very important to help prevent accidents, bodily injury to the rider and shortened useful product life cycle of an Early Rider frame set.

As with all mechanical components, the bicycle is subjected to wear and high stresses. Different materials and components might react to wear or stress fatigue in different ways. If the design life of the components has been exceeded, it may suddenly fail, possibly causing injuries to the rider. Any form of crack, scratches, or change of colouring in highly stressed areas indicate that the life of the component has been reached and it should be replaced.

Limitations

Only bikes sold, assembled and collected from an authorised Early Rider dealer will be eligible for warranty. The foregoing warranties are in lieu of and exclude all other warranties not expressly set forth herein, whether express or implied by operation of law or otherwise, including but not limited to any warranties of merchantability or fitness for a particular purpose. Early Rider shall in no event be liable for incidental or consequential losses, damages or expenses in connection with its bicycle products. Early Rider's liability hereunder is expressly limited to the replacement of goods not complying with this warranty or, at Early Rider's discretion, to the amount equal to the purchase price of the product in question.

Procedures

- Warranty service will be performed by Early Rider or an Early Rider authorised dealer. Proof of purchase must be provided. Transportation to and from the Early Rider authorised dealer is the responsibility of the purchaser.
- Early Rider will have the option of either repair or repayment of an amount equal to the purchase price of the product.
- In the event Early Rider elects to replace a defective frame, a new frame of equal or greater value will be provided. The new frame may not be the exact model purchased. Early Rider is not responsible for dealer labour charges for component changeovers when a frame is replaced.
- If you elect to repair a defective product yourself or use the services of someone other than an Early Rider authorised dealer, Early Rider will not be liable for any damage, failure or loss caused by the use of such unauthorised service or parts.



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