



*Front Wheel / All-Wheel Drive Fat Tire Electric Bikes
for More Power, Better Safety and Control*

(757) 635-5160

www.XtremeFatTireBikes.com

SAFETY CHECKLIST

Each time, before you ride an Xtreme Fat Tire Bike, it is important to fully check the following:

1) Brakes

- Ensure hand brakes work properly by testing them.

Squeeze the lever(s) to make sure they fully engage. Make sure all bolts on applicable pieces such as calipers, rotors, drum, levers, etc. are right. Check cables for wear.

2) Tires

- Be sure your tires are properly inflated before riding.

Never inflate higher than the PSI rating listed on the sidewall of the tire. As a general rule, that number the manufacturer provides is at the upper limit of what is needed to comfortably and safely ride. Tires that show wear should never be inflated to the full PSI rating. If your tires show wear such as worn tread, bulges in sidewalls, cracking, cuts or other marks, do not ride your bicycle until you can replace the tire.

It is not recommended to use a high pressure pump to pump your tires as they can cause too much air volume to enter the tire at once, risking over inflation and potential exploding of the tires inner tube thereby damaging the tire too. To fill the tube, you must remove the cap, thread open the top of the valve stem, place your pump over the valve and inflate. Once desired pressure is achieved, remove pump and retighten the top of the valve stem and replace cap. To remove air from tube, loosen top of valve stem and carefully depress top of stem until you hear air escaping. Always tighten top of valve stem when finished.

Also, please note, you may wish to reduce the tire pressure by 10PSI when riding on soft terrain such as sand or snow which will provide additional traction and a larger footprint. Important: Always be sure tire is seated properly to the rim and not riding up when inflating. If this happens, remove some air, re-seat the tire and start over.

3) Wheels

- Make sure your wheels run freely without any play or wobbling in the hub. Also make sure the rim runs straight and true, and that all of the spokes are tight and not broken. Make sure all of your axle nuts are fully tightened.

4) Chain

- Check your chain to make sure it is lubricated, clean and runs smoothly.



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5) Bearings

(Wheels, Headset and Bottom Bracket)

- Check all of your bearings to make sure they run freely, do not display excess movement or play, grinding or rattling. Some of the bearings may be sealed bearings however you should still check to make sure the locknuts are tight and the adjustment is correct.

6) Crank Arms and Pedals

- Check to make sure pedals are tightened to the crank arms and the crank arms are tightened to the crank bottom bracket axle.

It is important to note that pedals have right and left designations and left pedals use an opposite thread direction to make sure they do not spin off while riding.

7) Gears

- Many Xtreme Fat Tire Bikes use hubs that have internal gears as opposed to derailleurs and clusters. Check shifter to make sure gears shift easily and smoothly. Make sure shifter is tightly attached to handlebar. Check cable and related bolts for wear and tightness.

8) Frame and Fork

- Inspect the frame and fork to make sure they are not bent or broken. Check all welds and connection points carefully. Should you find any issues do not ride your bike.

9) Accessories

- Look at all reflectors to see if they are secure and unobstructed. If your bike has a kickstand, make sure it is tight and does not interfere with the pedal crank arms or rear wheel.

HELMETS and SAFETY GEAR

Many states require riders to wear helmets when riding. Independent of your local laws, it is strongly advised that the rider always wear an ANSI or SNELL approved bicycle safety helmet at all times when riding your bicycle.

A correct helmet should be comfortable, lightweight, fit snugly without hurting, have good ventilation and cover the forehead. If you suffer a fall or if your helmet is dropped it could impact its ability to protect you. Check with the manufacturer's recommendations if this is the case.

Some riders also choose to wear protective clothing and gloves when riding. While this is a matter of



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preference, it is always recommended to be outfitted appropriately, especially in more extreme riding conditions.

SAFE RIDING

When riding there are a number of rules you should follow to ensure a safe and enjoyable ride:

1. Obey all traffic lights, signs and laws just as you would if you were driving a motor vehicle.
2. Ride in a straight line in the same direction as motor vehicle traffic.
3. Scan the road or path ahead for obstacles and be prepared to make sudden evasive maneuvers if needed.
4. Use hand signals for turning or stopping and use extreme caution at intersections and when passing other vehicles.
5. Continuously check for obstacles such as children, cars backing up, other cyclists and motor vehicles that might intersect your path.
6. Wear protective riding attire and if you have pants with loose bottoms be sure to use leg clips to secure them from flapping into key components such as chains or derailleurs.
7. Do not carry anything on your bike that could keep you from riding safely.
8. Maintain a safe distance between you and other vehicles.
9. When stopping always apply rear brake first, then front brake for added stopping power, (if applicable). Never use just a front brake as they can lock up and throw you from the bike.

EXTREME CONDITIONS

When riding on paths and trails, in areas of low visibility, at dusk or night and in inclement weather additional cautions should be taken. Stay alert, do not ride faster than conditions dictate and always be aware of your surroundings. For night wear visible clothing and use a light set for added visibility. If lights are battery operated make sure batteries are fully charged and in good condition.

PROPER FIT

For both riding comfort and safety it is important to make sure you have adjusted your bike to fit your specific height and reach requirements. Seat should be set correctly in relation to the rider's leg length.

Indicators of correct seat height are:

- With the pedals at their furthest point and the ball of your foot on the pedal your knee is just slightly



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bent

- With the heel of your foot on the pedal your leg is straight

Indicators of incorrect seat height are:

- Leg strain from over extension while pedaling

- Hips rock side to side when pedaling

To adjust the seat of your e-bike, open the quick release on the seat post clamp, loosen the clamp by rotating the small handle counter clockwise and move the seat post up and down inside the frame. When the desired height is reached, tighten the handle by turning it clockwise and lock down the lever, wrapping it around the seat post. Be sure the quick release set clamp and lever are fully tightened and locked before attempting to sit on the bike or ride the bike as serious injury can arise from improperly tightened clamps.

Important:

Under NO circumstances should you raise the seat post above the line marked minimum insertion on the post. Doing so can cause the post to bend or break, cause damage to your bike frame, and in some cases make you lose control of the bicycle and fall, causing serious injury or possibly even death.

You may adjust the angle of the handlebar by loosening the bolts on the front of the stem, moving the bar to the desired position, and then carefully retightening all of the bolts. Be sure all bolts securely tightened.

Seating a Tires

See Video