

WHY A **ZERODE**

Zerode bicycles utilise a Pinion Gearbox and belt system instead of a traditional chain and derailleur driven drivetrain. Whereby the traditional derailleur works very well on a road, gravel or XC bike, once you step into ENDURO or DOWNHILL Bicycles where the focus is on speed on descent rather than pedalling only, other factors prove the gearbox to be a much more suited option.

On an ENDURO or DOWNHILL Bike, suspension performance, durability and maintenance of the drivetrain, wheel strength, chain slap and clearance over obstacles play a much larger role in speed. Plus, the ability to shift without pedalling is a huge asset where climbs arrive unexpectedly.

Where gearboxes have traditionally been considered heavy and inefficient for mountain bikes, when considered for ENDURO or DOWNHILL Bikes, those two factors are completely negated.

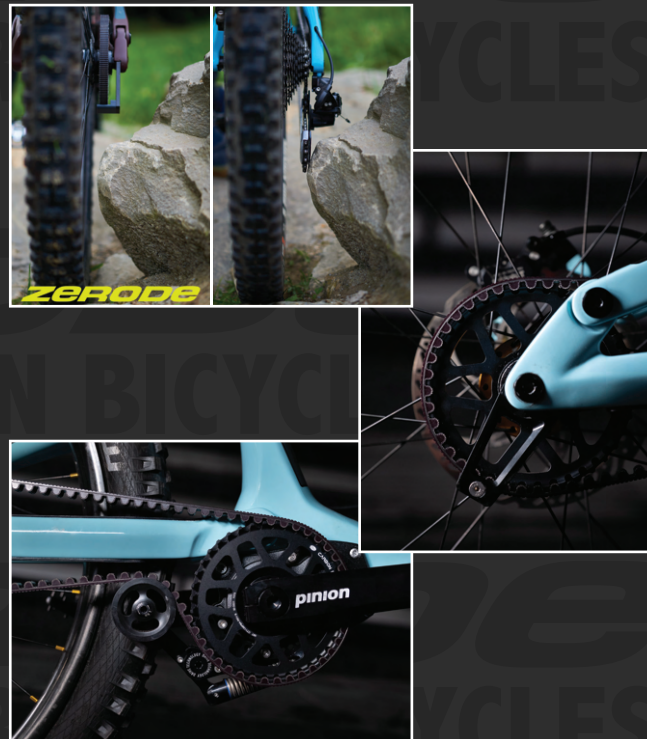
Firstly, the additional weight of the gearbox is actually weight REMOVED from the wheel and placed in the centre of the bike, so in fact this is an ADVANTAGE over a traditional drive train.

Secondly, the inefficiency of the gearbox is minimal (considered around 4 %). This inefficiency is compared to a normal drivetrain operating in perfect conditions; no grit, mud, dust or lack of oil to reduce the efficiency which, on an enduro bike is a small percentage of the time. Add to that, by having a gearbox, the suspension rate can be set to anti squat in all gears so the bike pedals uphill and downhill perfectly like a single speed. The Gates belts have a 2 year warranty and do not stretch or wear like a chain.

The Pinion Gearboxes have a bigger gear range than a traditional drivetrain which allows the rider to climb steeper or descend faster.

In the unlikely case of a Gearbox failing or needing repair, it can be removed and posted easily to a Zerode Service centre just like a fork, shock, battery or motor of an e-bike but given the robust design and reputation of Pinion gearboxes, it is most likely the only maintenance you will ever do is change the oil after 10,000 kilometres.

Once you try a gearbox bike and discover the amazing advantages you've never considered before you will NEVER return to a normal drivetrain.



ZERODE

GEARBOX DRIVEN BICYCLES



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