

# W I T W S ZX-1 EVO

## 2021 Seat Post Cutting Guide

### Tools Required

- 5mm Hex Key
- Electrical Tape
- Torque Wrench (1Nm Min) with 5mm Hex Key
- Fibre Grip Paste
- Flat File
- Vice
- Soft Jaw Vice Clamps
- Microfibre Cloth
- Hacksaw with either Carbon Cutting Blade or 24T Blade
- Tape Measure

### Step by Step Guide

1. Remove seat post from the bike using the 5mm hex key.
2. If performing on a Shimano Di2 spec'd platform of the ZX-1 Evo, Disconnect the battery and remove the battery and inserts from the base of the seat post.
3. Clean off any fibre grip grease on the seat post.
4. Using the tape measure mark the amount you wish to cut off the seat post and use the electrical tape to mark the post. This will also act as a cutting guide.
5. Place the seat post into the vice with the soft jaw grips or wrapped in the cloth. Ensure that you do not tighten the vice too much and crack or mark the post. Make sure that the cutting line is no more than 10mm from the edge of the vice.
6. Using the hacksaw with either a 24T blade or Carbon specific blade cut the post along the cutting line that you have marked. Always ensure that the room you are cutting the post is well ventilated and that you are wearing a face covering.
7. Once the post is cut, using the file. File down the cut surface and ensure that there are not burrs on the edge of the cut surface.
8. Remove the tape.
9. Wipe off any excess dust.
10. Reapply fibre grip to the inside of the seat post hole within the frame.
11. Fit seat post and using the torque wrench with a 5mm hex head tighten the seat clamp to 8-10Nm.

### PLEASE NOTE:

There must be at minimum 100mm of seat post in the frame at all time. For example if you remove 50mm from the bottom of the seat post then the minimum insertion line will now be 50mm higher (Level 5 on the scale) than currently labelled on the post when uncut.

If you are unable to perform this procedure, we recommend taking the seat post to your local bike shop to be cut.

