



Thanks for purchasing a Moonmen frame equipped with the Mension system!

### How to install the Mension/ Tube Splitter:

- Make sure there is ample anti-seize paste (we recommend using Park Tool Anti-Seize) in the Mension threads and tube splitter before assembly.
- On each rear triangle, orient the beveled edge of the Mension bolt towards the rear of bike. The drive side bolt has a dual dot mark on the bevel.
- Thread Mension bolts into front triangle and rear triangle pieces simultaneously. Thread clockwise until fully bottomed/closed.
- When the mension bolt is fully bottomed, make sure there are no gaps on either side of the center textured portion of the bolt.
  - If gap shows on one side, un-thread and realign threads so they are symmetrical and show no gaps.
- Now that you have your mension bolt fully closed, rotate the rear triangle pieces so the tube splitters meet and are aligned.
- Thread bolts into tube splitter and tighten to hand tight. Adjust Mension bolts for chain tension if needed.
- Once tension is achieved, tighten the dual set screws on each side of Mension using 2.5mm hex wrench or allen key (included). Finger tight is recommended. Do not over tighten or strip bolts.

### Mension/ Tube Splitter Removal

- Loosen the dual set screws on Mension pieces.
- Loosen tube splitter bolts.
  - Once the tube splitter bolts are removed, it may take a bit of force to separate the splitter. A tap with a rubber mallet just past the dividing line will do it. If mallet is not available, the heel of a shoe can work.
- Rotate Mension screws counterclockwise until they are separated from the front triangle and rear triangles.
- Thread Mension bolts back into rear triangle for transport. Make sure the beveled edge of Mension bolt points towards rear of bike.

### Bolt Specifications

- Mension Set Screws- 5mm x .8mm pitch- 5mm long(2.5mm Hex Head)
  - Also same size as a water bottle bolt in a pinch
- Tube Splitter- 6mm x 1mm pitch- 12mm long (5mm Hex Head)