ICS MTT Stem

Quick Guide

CUSTOMISATION

The ICS MTT suspension Stem can be customized to provide a different feel by changing the elastomer configuration:

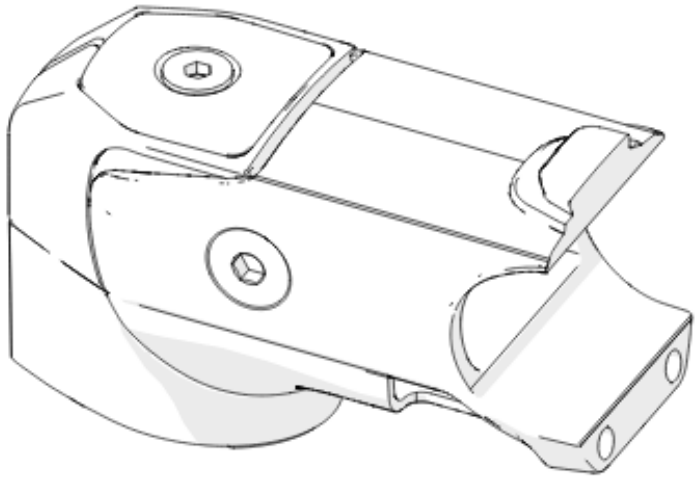
- Softer Elastomers: plusher riding feel, reduced terrain feedback
- Harder Elastomers: direct riding feel, more terrain feedback

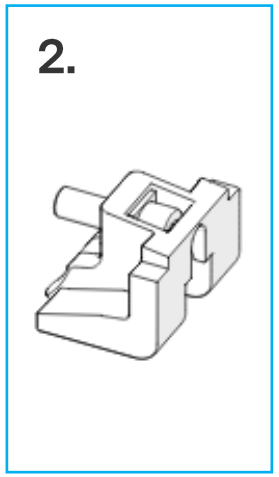
The elastomer combinations can be freely mixed and matched, a list of suggestions are shown below:

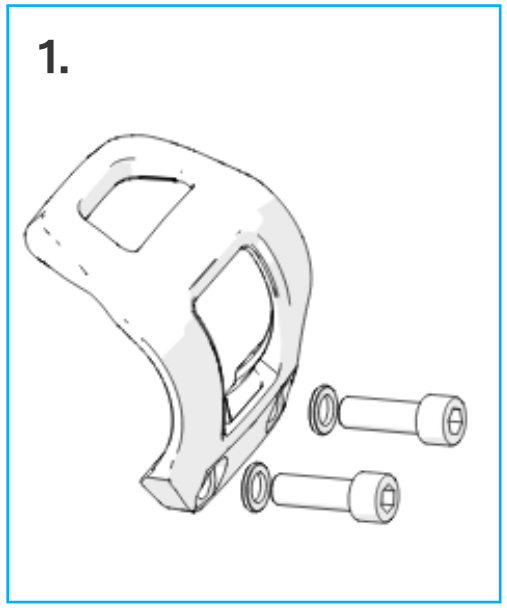
Drop Bar			
Rider Weight (lbs / Kg)		**Elastomer 1**	**Elastomer 2**
<115 lbs	**<52 Kg**	70	50
115-135	**52-61**	70	60
135-155	**61-70**	80	60
155-185	**70-84**	80	70
185-205	**84-93**	90	70
>205	**>93**	90	80

Flat Bar			
Rider Weight (lbs / Kg)		**Elastomer 1**	**Elastomer 2**
<135 lbs	**<61 Kg**	60	none
135-185	**61-84**	70	none
185-215	**84-98**	80	none
>215	**>98**	60	50

Faceplate and preload wedge removal







1. Loosen and remove the faceplate bolts and remove the faceplate and handlebar (if installed).

2. Loosen the preload wedge bolt using a 4mm Allen key and remove the wedge.

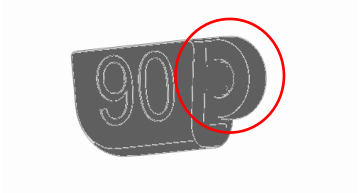
IMPORTANT NOTES

- DO NOT DISASSEMBLE THE PIVOT BOLT
- DO NOT REMOVE THE BOLT FROM THE PRELOAD WEDGE

CHANGING ELASTOMER CONFIGURATION

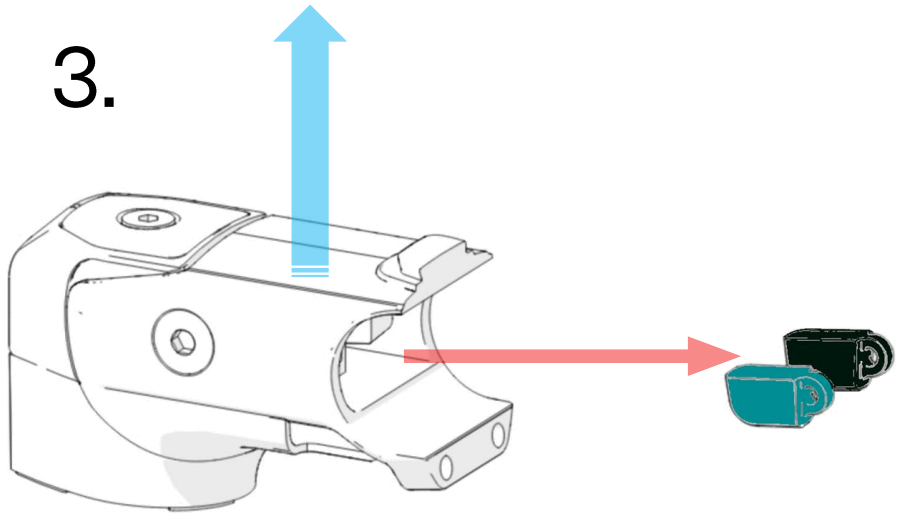
3. Pull upward on the stem and remove the elastomer from inside the stem.

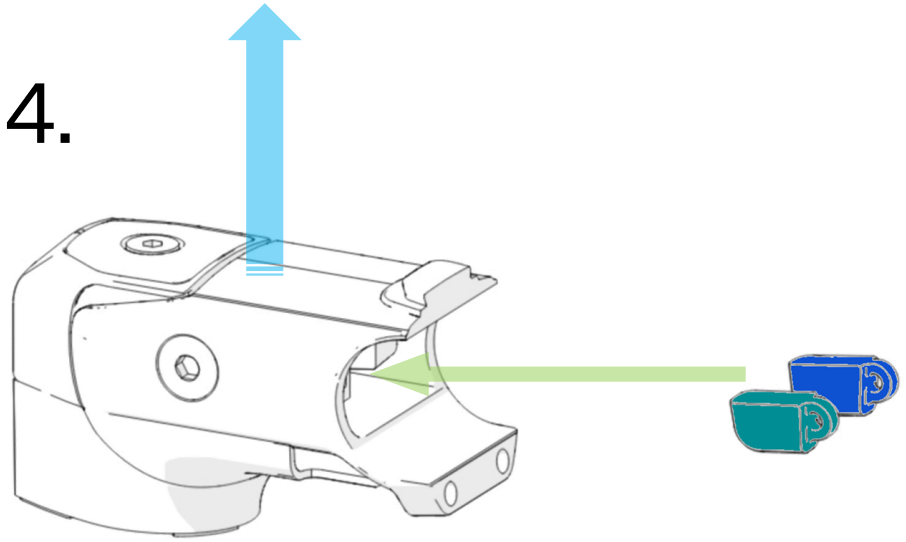
You can use the end of your hex wrench to hook the handle of the elastomer to pull it out.



4. Select an elastomer combination from the chart on the previous page and insert the appropriate elastomers into one or both upper elastomer pockets.

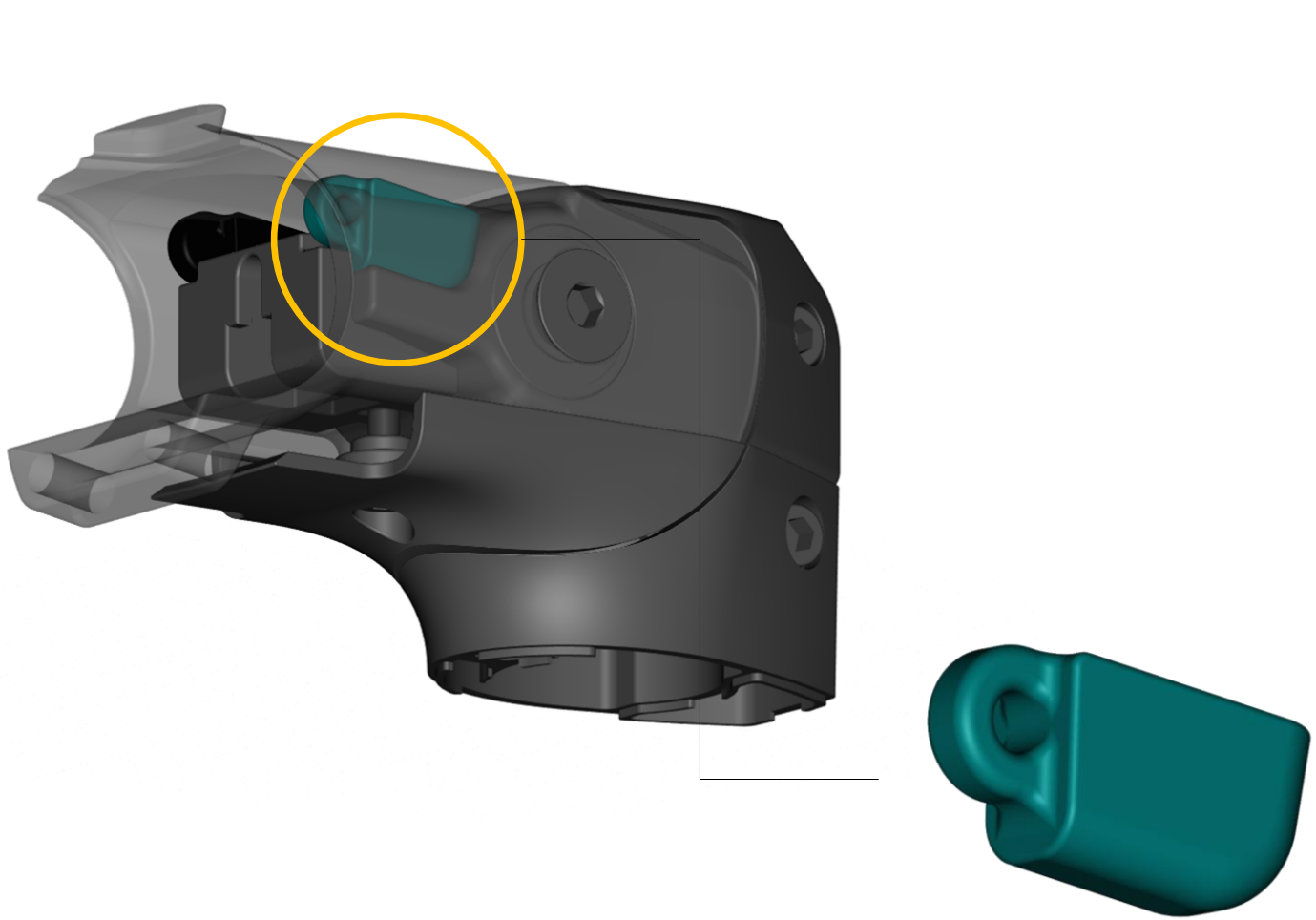
Pull the stem body to facilitate the installation of the elastomers.



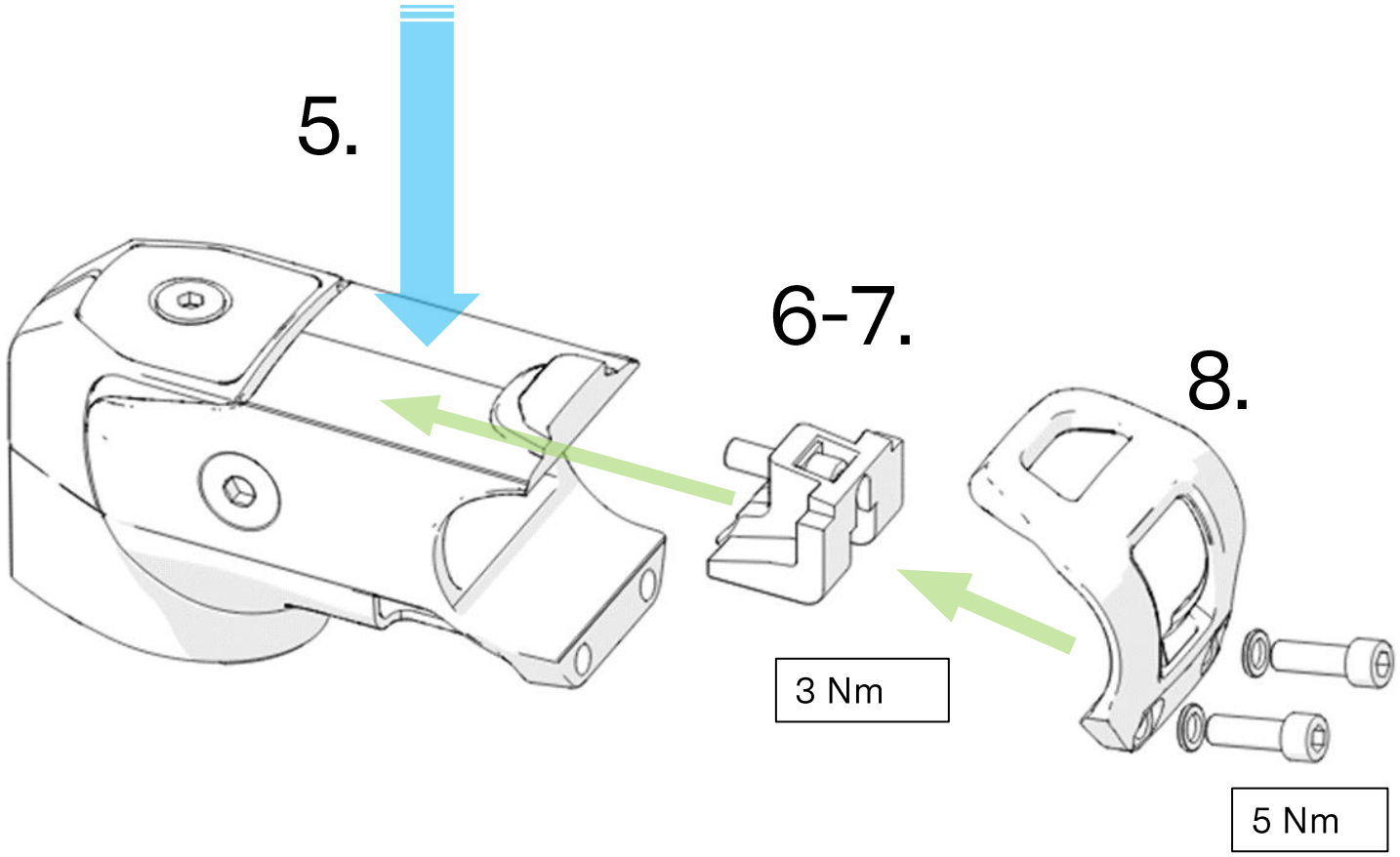


Elastomer Installation

Ensure that the elastomers are installed in the correct position as of the illustration not to interfere with the preload wedge installation.



Re-assembling the ICS MTT Stem



5. IMPORTANT Press downwards at the front of the stem with one hand

6. With the other hand introduce the preload wedge inside the stem body. Make sure the bolt is inserted in the proper position (hole in the centre of the stem).
   Push the preload wedge as far inside as possible

7. Tighten the preload bolt to 3Nm using a 4mm Allen key

8. Assemble the handlebar, faceplate, and face plate bolts. Tighten to 5Nm using a 4mm Allen key