

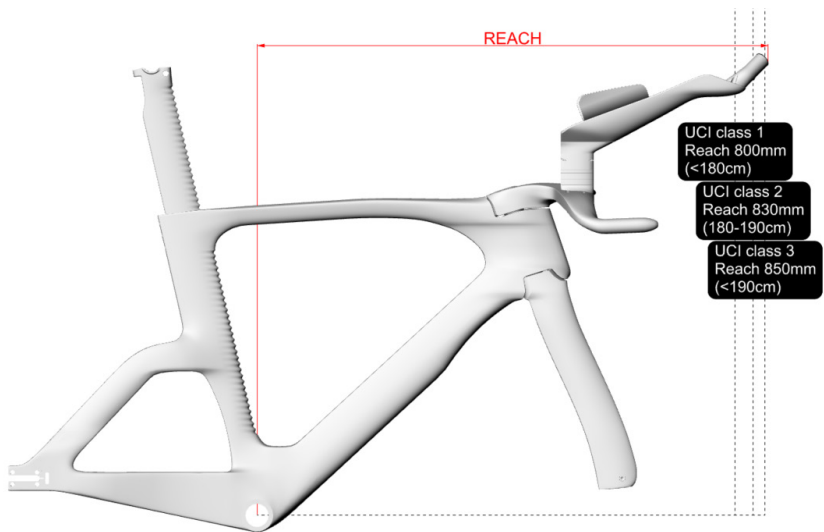


# **OLIMPIC EXTENTION BAR**

**USER MANUAL AND MAINTENANCE**

# 1. SIZE CHART

## UCI RULES – CLASS MAX REACH – SIZE 310



### BOLIDE F HR

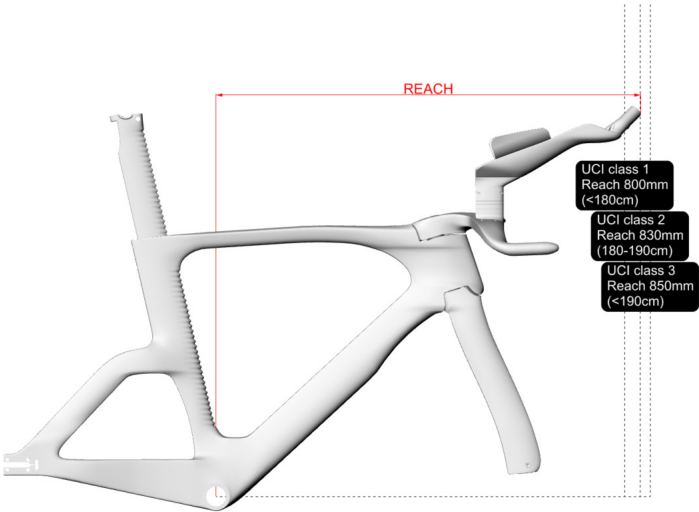
FRAME SIZE	STEM LENGTH [mm]	EXTENSION SIZE [mm]	REACH [mm]
450	120	310	801
525	120	310	827
550	120	310	855

### BOLIDE F TT

FRAME SIZE	STEM LENGTH [mm]	EXTENSION SIZE [mm]	REACH [mm]
450	100	310	784
485	100	310	801
520	120	310	838
550	120	310	855

These measurements were obtained with the bicycle in a horizontal position, with extensions inclined at 20° and at maximum extension. To obtain the final reach measurement, all the changes explained below that may have been made starting from this standard configuration must be added. All these measures do not include any commands or handcaps.

UCI RULES – CLASS MAX REACH – SIZE 285



BOLIDE F HR

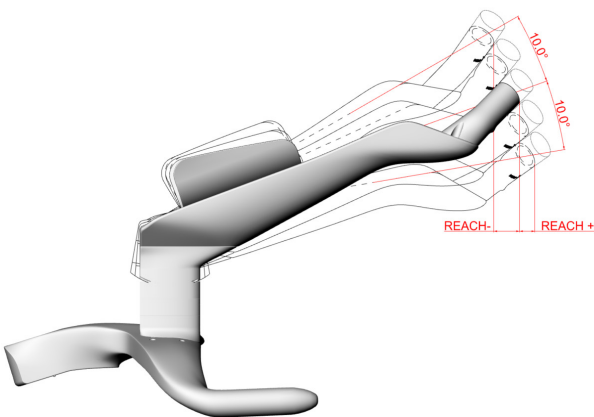
FRAME SIZE	STEM LENGTH [mm]	EXTENSION SIZE [mm]	REACH [mm]
450	120	285	778
525	120	285	804
550	120	285	832

BOLIDE F TT

FRAME SIZE	STEM LENGTH [mm]	EXTENSION SIZE [mm]	REACH [mm]
450	100	285	761
485	100	285	778
520	120	285	815
550	120	285	832

These measurements were obtained with the bicycle in a horizontal position, with extensions inclined at 20° and at maximum extension. To obtain the final reach measurement, all the changes explained below that may have been made starting from this standard configuration must be added. All these measures do not include any commands or handcaps.

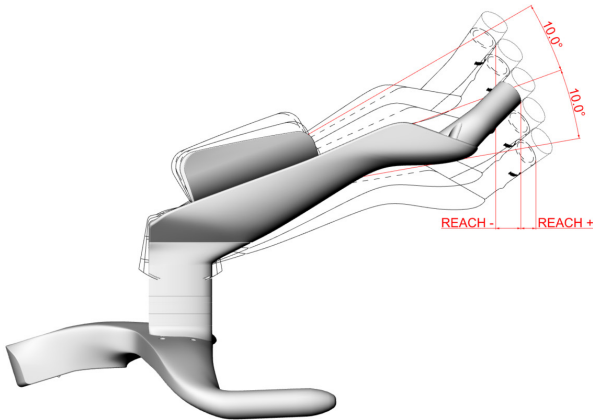
**EXTENSION SLOPE ADJUSTMENT – SIZE 310**



EXTENSION ANGLE [°]	EXTENSION SIZE [mm]	REACH GAIN [mm]
10	310	+14
15	310	+8
20	310	0
25	310	-11
30	310	-24

Rotation of the extensions between 10° and 30° with defined intervals of 5° is allowed. Changing the inclination causes a change in the total reach.

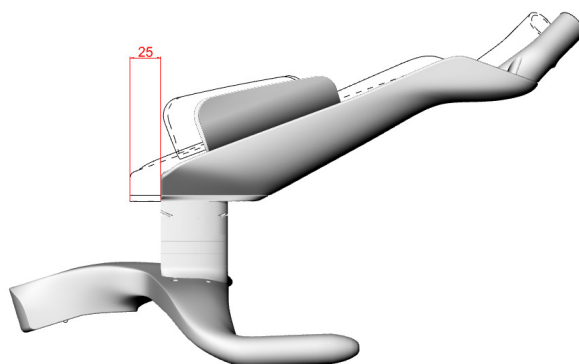
# EXTENSION SLOPE ADJUSTMENT - SIZE 285



EXTENSION ANGLE [°]	EXTENSION SIZE [mm]	REACH GAIN [mm]
10	285	+13
15	285	+8
20	285	0
25	285	-10
30	285	-22

Rotation of the extensions between 10° and 30° with defined intervals of 5° is allowed. Changing the inclination causes a change in the total reach.

## EXTENSION SLIDER ADJUSTMENT



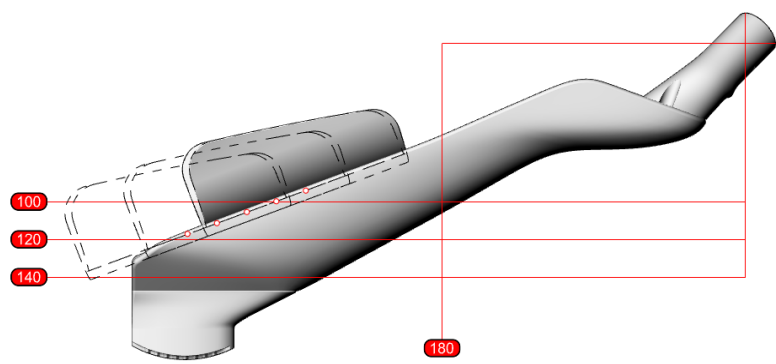
Continuous translation of the extensions is allowed up to a maximum of 25mm. The difference in reach gained based on the inclination of the extensions is negligible.

## HANDGRIP CUT ADJUSTMENT



The handrips can be shortened up to the minimum mark located 20mm from the tip. The maximum reduction involves a shortening of the reach by 10mm.

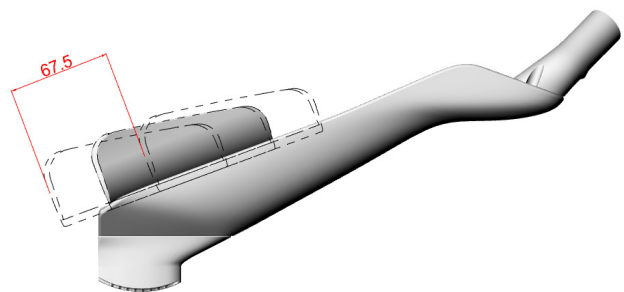
UCI RULES – CLASS MAX DROP



	10°	15°	20°	25°	30°
UCI CLASS 1	ALLOWED	ALLOWED	ALLOWED	NOT ALLOWED	NOT ALLOWED
UCI CLASS 2	ALLOWED	ALLOWED	ALLOWED	ALLOWED	NOT ALLOWED
UCI CLASS 3	ALLOWED	ALLOWED	ALLOWED	ALLOWED	ALLOWED

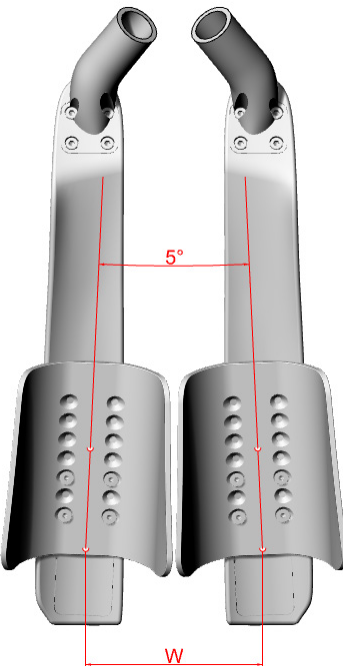
These results were obtained with the original handgrip. All these measures do not include any commands or handcaps. The table is valid for sizes 310 and 285.

ARMREST POSITION ADJUSTMENT



The position of the pads can vary along the direction of development of the extensions in steps of 11.25mm up to a maximum of 67.5mm between the two limit positions.

**EXTENSION WIDTH ADJUSTMENT**



CONVERGENCE [°]	W [mm]
5	90
5	115
5	140
5	*165
5	*190

\*disponibili solo per Bolide F TT

The convergence angle of the extensions is defined as 5°. The width of the extensions varies with 25mm steps given by the holes on the basebar.



### MIDDLE POINT OF THE PADS REACH AND STACK (upper face of the pads)

Starting point with inclination adjuster and 5 mm shaped spacer.

#### BOLIDE F HR

FRAME SIZE	STEM LENGTH [mm]	STACK [mm]	REACH [mm]
450	120	588	516
525	120	610	542
550	120	625	570

#### BOLIDE F TT

FRAME SIZE	STEM LENGTH [mm]	STACK [mm]	REACH [mm]
450	100	579	499
485	100	598	516
520	120	613	553
550	120	625	570

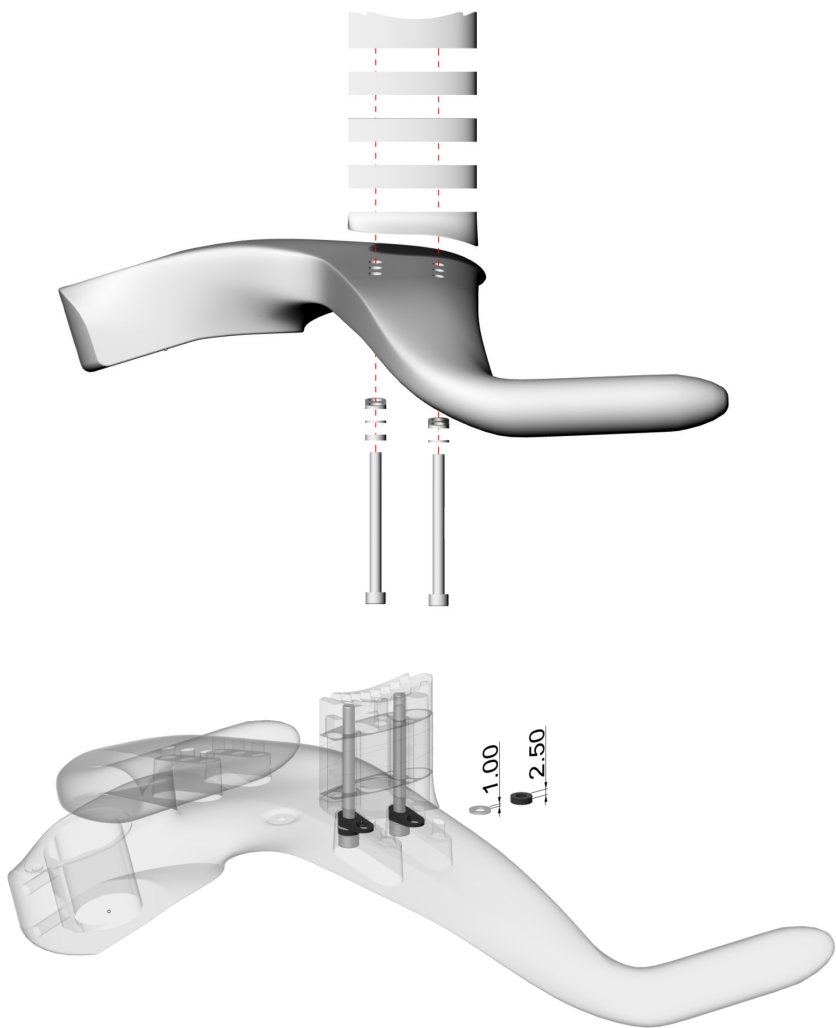
Variation of the Stack value depending on the version of handlebar used and width of the extensions.

W [mm]	CURVED HANDLEBAR [mm]	FLAT HANDLEBAR [mm]
90	0	0
115	-2	0
140	-4	0
165	-6	0
190	-8	0

It is possible to add a maximum number of spacers to increase the Stack equal to +45 mm and change the shaped spacer to gain +15 mm. The change in inclination partially contributes to varying both the Reach and Stack values of the pad.

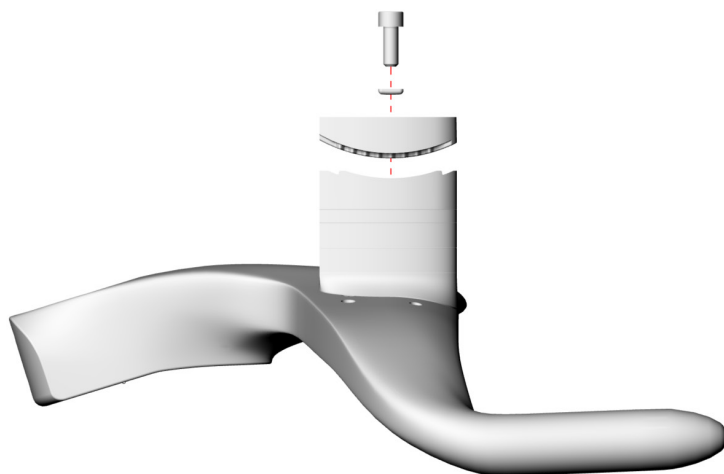
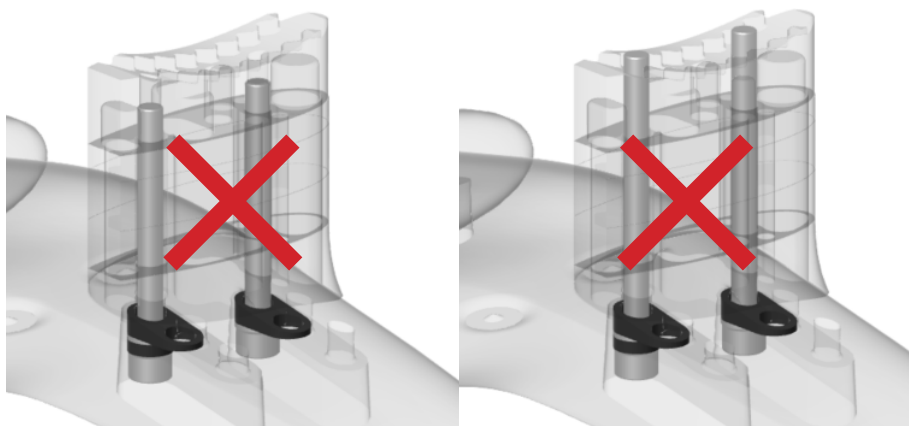
# 2. ASSEMBLY INSTRUCTIONS

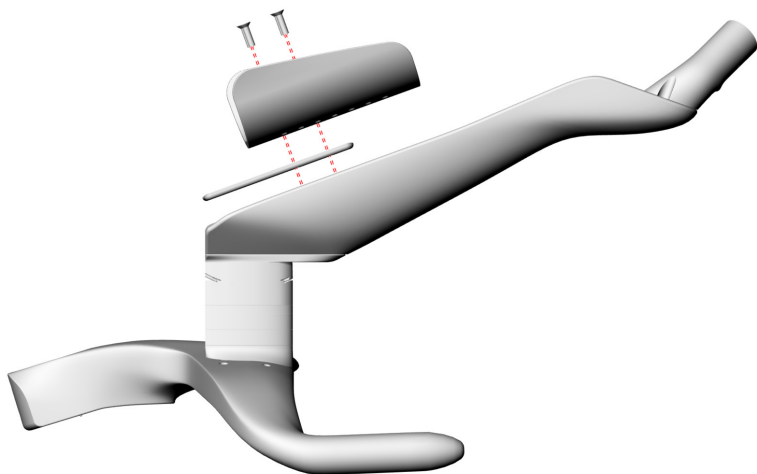
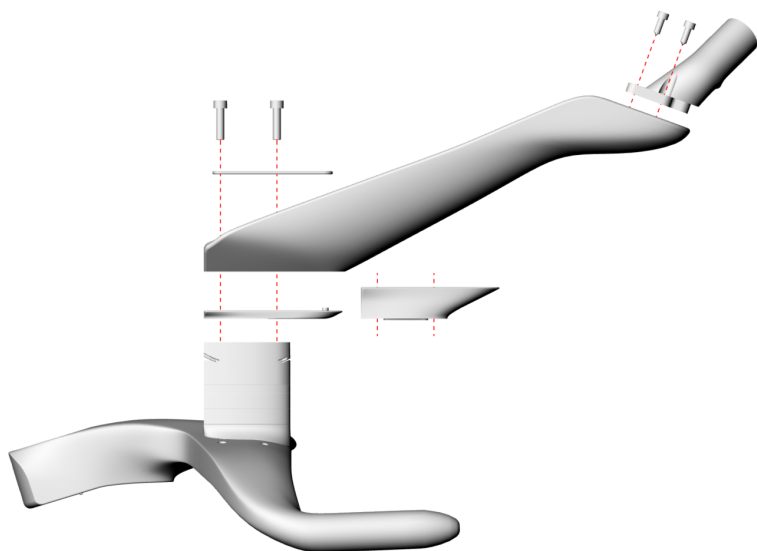
Perform the assembly by following the four steps outlined below.



# **WARNING**

Use the best combination of washers and screws provided to engage the thread as much as possible. Once this step is completed, visually check before proceeding: the holes threaded parts must not be empty and the screws must not protrude.





OLYMPIC EXTENSION BAR – PASSAGGIO CAVI Di2

