

PHYSIS

By **PROTOTYPE**

MTB

MANUAL DE INSTRUÇÕES
INSTRUCTION MANUAL
MANUAL DE INSTRUCCIONES



Introduction

Congratulations on the purchase of your PROTOTYPE product. Please read the following instructions. If you have any doubt regarding your mechanical ability and/or installation of this product. Visit your local authorized dealer or technical center. A correct installation and maintenance will extend your product life time. Improper assembly or use may result in serious injury or death, PROTOTYPE assumes no responsibility for malfunction or injury due to faulty installation or maintenance.

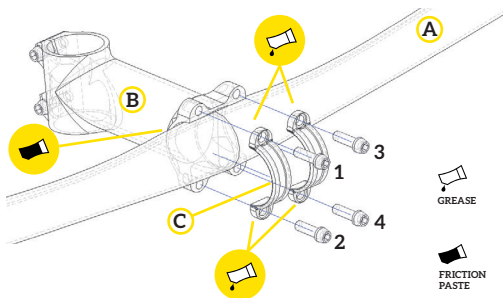
Before you start -Inspect the parts, make sure it has no defect. Make sure you have all the necessary tools. Verify that the handlebar diameter corresponds to the stem's clamp diameter 31,8mm. Make sure that the stem clamp surface is free of any sharp edges.

Introduction sheet for PHYSIS MTB handlebar

The handlebar is made of extremely strong carbon fiber and highly resistant to tears, due to the nature of the material, it is vulnerable to pressure or to be damaged by sharp edges. Therefore, we must ask you to follow the safety instructions below.

- If there are sharp edges on the fastening parts, they must be smoothed out before attaching the handlebar.
- Take care that no dirt or metal chips get caught inside the tightening zone.
- Do not puncture the handlebars.
- Observe the permitted tightening torques!
Rod: 3 Nm | Lever fixing: 1.5 to 2 Nm
- Apply the insert paste included in the tightening area. This paste increases friction and reduces the necessary tightening.
- Do not tighten the screws to the maximum values specified initially. Start with the lowest values specified and verify that the connection is secure enough. If necessary, increase the tightening torques, but do not exceed the specified maximum.
- If the specified maximum values are exceeded, you put your safety and health at risk and the warranty expires.

Installation



- 1 Clean all contact zones with between stem handlebar.

⚠ Do not lubricate the stem clamp and handlebar surface. It is important that the contacting surfaces be abrasive enough for a secure grip. The use of friction paste is strongly recommended.

- 2 Place the handlebar (A) between the stem body (B) and the stem frontal plate (C).

- 3 Tight the frontal plate bolts until reach a light clamp force on the handlebar, tight the bolts evenly, use small increments while making sure that the gap between stem body and frontal plate is absolutely equal in the four bolts. Use the handlebar marks to center and adjust the angle to desired position.

- 4 Using a torque wrench with an appropriate hex key, tight the frontal plate bolts, in one-turn increments and in rotation, to the recommended torque. Use a cross pattern tightening sequence (1-4-2-3).

⚠ Torque values (N) are the maximum torque allowed, not the recommended torque. Start with a lower torque and check if the connection is tight enough. If necessary increase the tightening torque or apply friction paste, do not exceed the maximum torque. The use of friction paste reduces the amount of necessary clamp torque and prevents risk of rupture. Insufficient tightening can cause serious injury or death.

- 5 Adjust the width, only if necessary, use the lines at the end of the handlebar as reference and cut the handlebar to the desired width. Use the same reference mark on each side.

- 6 The assembly of the brake levers and shifters must be done carefully. Make sure that are free of sharp edges. If necessary remove them with a thin sand paper. Remember, this parts should be tighten with the minimal torque to operate. Normally 2-3 Nm / 18-26 in.lbs. Please check the manual of each part and follow the instructions of each manufacturer.

Specifications

Physis Carbon Handlebar 31.8 x 750 mm - PVP 135 €
 Finish: Carbon UD matt
 Length: 750mm
 Center diameter: 31.8mm
 Indent: 6.5°
 Maximum tightening: 3Nm
 Maximum athlete weight: 85kg
 Weight: 168gr
 Disciplines: XCO, XCM, E-Bike

Maintenance

Make sure that the handlebar doesn't slip on stem.
 Make sure that your shifters/brakes and grips doesn't slip on the handlebar.
 Make sure that your handlebar rotates freely 90° for each side.
 Tighten the front wheel between your knees and force the handlebar testing its grip, the handlebar should not rotate independently of the wheel.

WARRANTY

We grant a two-year warranty from the date of purchase of our products. Warranty claims can only be accepted by presenting the purchase invoice.

The warranty covers material defects and does not cover defects due to:

Wear due to use.

Improper use.

Failure to follow the instructions for use.

Warranty claims must be resolved with a store representing the brand and the analysis is at the discretion of Prototype.

The warranty granted by Prototype does not include compensation for damages, particularly any indirect damage in connection with an accident, any other indirect damage or consequence is excluded from our warranty.

The satisfaction of our customers is particularly important to us, that's why we always deal with problems with our products as quickly as possible.