ALPHA Q X-ROC HANDLEBAR INSTALLATION INSTRUCTIONS

All Alpha Q products are designed to provide long life and the highest level of performance. However, your safety is our greatest concern and the correct installation and maintenance of the handlebar is very important. These instructions must be carefully followed. Failure to do so could cause unexpected failure of the handlebar leading to loss of control of the bike and possible injury or death.

Please take a moment to complete the attached registration card. This is necessary for possible warranty claims. Note that the serial number is located on a decal placed inside the bar's end. Removing this decal voids the warranty.

Read these instructions completely before starting the installation. Do not undertake the installation unless you fully understand what to do. If you are in any doubt, have the installation carried out by a qualified bike mechanic.

True Temper Sports cannot accept any liability due to failure to fully comply with these instructions.

Alpha Q handlebars are designed only for use with stems that have a compatible clamp diameter. The Alpha Q X-Roc is compatible with 25.4 mm diameter stem clamps. If unsure about the compatibility of your stem, refer to the stem specification and installation instructions or contact the stem manufacturer.

Incorrectly sized stems can result in slippage or failure of the handlebar leading to loss of control of the bike and possible injury or death.

Alpha Q X-Roc handlebars can only be used with stems that have a detachable or hinged front clamp. A stem with a detachable front clamp is recommended to provide the best clamping performance.

Do not drill holes in the handlebar and be careful during assembly not to scratch or gouge the surface of the handlebar.

Handlebar Installation

Inspect the handlebar clamp area on the stem and ensure there are no burrs or sharp edges which could cut into the carbon structure of the handlebar or damage the handlebar in any way.

Position the handlebar centrally with respect to the stem and tighten the stem clamp bolts according to the stem manufacturer's recommended tightening sequence and torque specification. A torque wrench should always be used to tighten bolts. Do not over tighten the bolts as this could lead to stripped threads and ruin the stem. Take care to avoid contaminating the clamp areas on the handlebar and stem with grease or oil from the stem clamp bolts. Check that the assembly is secure and that the handlebar does not slip in the stem under normal riding loads. If slippage cannot be prevented, do not ride the bike and recheck the compatibility of the handlebar and stem.

Attachment Of Accessories

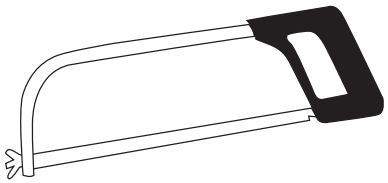
Inspect the clamp area of shifters, brake levers and any other accessories to be attached to the handlebar. These clamps must have no burrs or sharp edges which could cut into the carbon structure of the handlebar or damage the handlebar in any way. Mount these components on the handlebar following manufacturer's instructions. Always ensure they are positioned for comfortable and effective operation.

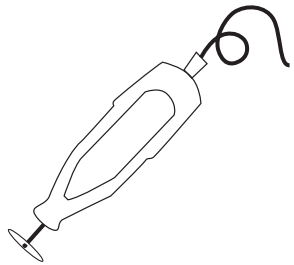
Take care to avoid scratching the handlebar when fitting accessories. Do not use a rotating motion when positioning accessories. Always ensure that the clamp is released sufficiently so that it slides freely along the handlebar.

Clamp-on-bar-ends used with the X-Roc handlebar must only be attached to the tip section of the handlebar which is reinforced internally for clamping loads. Clamps which use an internal collet (plug) design should not be used. Be sure to follow manufacturer's guidelines, including bolt torque specifications.

Cutting to Size

Handlebars may be cut using a tool such as a fine tooth hack saw or rotary tool fitted with an abrasive disc attachment. Care should be taken to cut equal lengths from each end. Measure and mark the bar before cutting. Bar ends may not be used on shortened handlebars.





Maintenance

Handlebars must be maintained properly and inspected for damage before each ride. Do not ride the bike if deep scratches, gouges or abrasions are observed. Under these circumstances the handlebar must be replaced.

Be careful to prevent abrasion damage to the handlebar when the bike is leaned against a brick wall or other abrasive surface. When parking the bike ensure it is secure and cannot fall over. Carbon handlebars do not bend and it is possible for the handlebar to be severely weakened internally even if no deformation is visible. After a crash or other major impact, even if no deformation or surface damage is immediately visible, inspect the handlebar very carefully. If in any doubt, the bike should not be ridden and the handlebar should be replaced.

Always destroy a handlebar which has been replaced because of safety concerns.