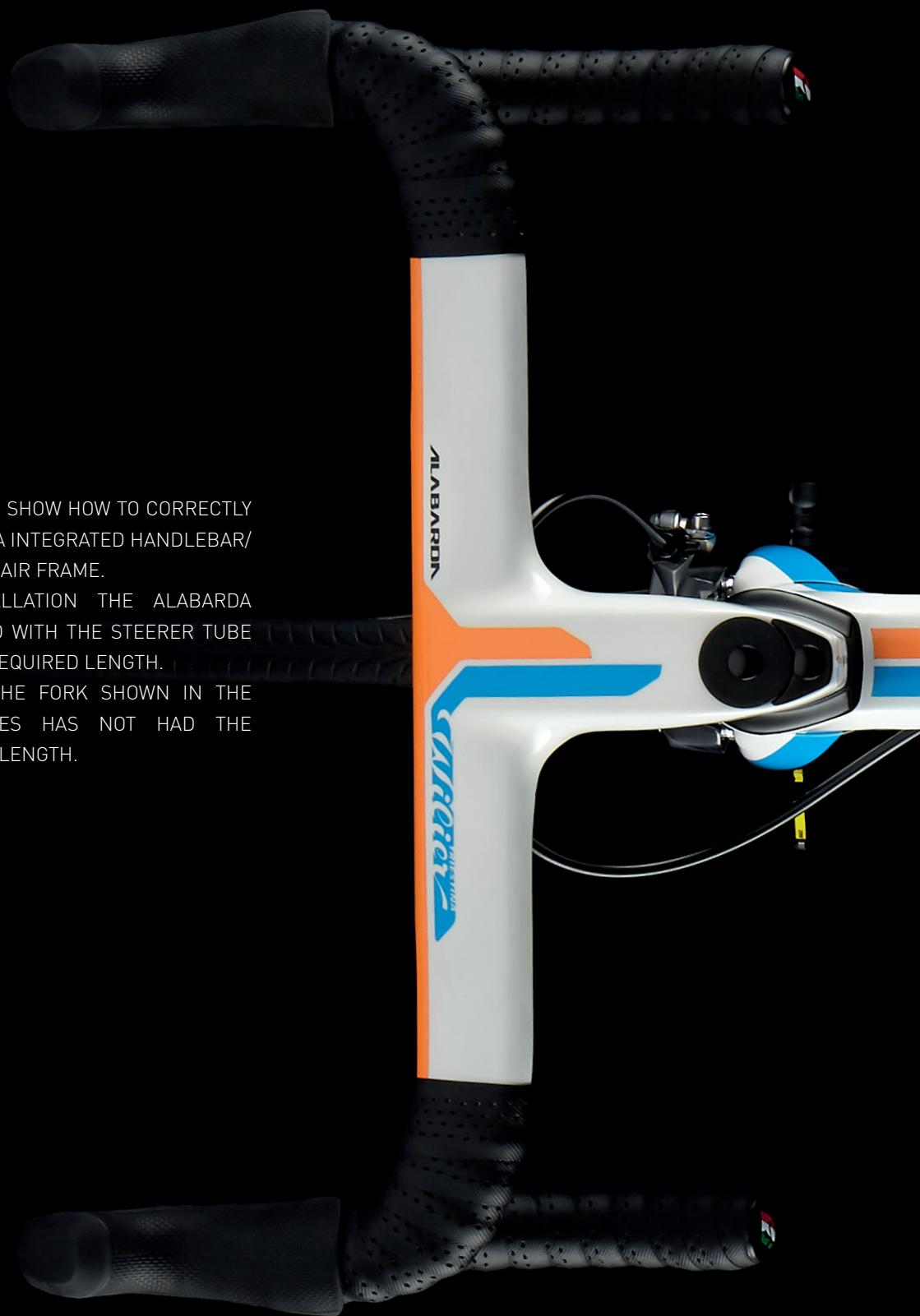


INSTALLATION GUIDE

ALLA BARRON

THE FOLLOWING PAGES SHOW HOW TO CORRECTLY
INSTALL THE ALABARDA INTEGRATED HANDLEBAR/
STEM ONTO A CENTO10 AIR FRAME.
FOR CORRECT INSTALLATION THE ALABARDA
SHOULD BE INSTALLED WITH THE STEERER TUBE
ALREADY CUT TO THE REQUIRED LENGTH.
PLEASE NOTE THAT THE FORK SHOWN IN THE
ACCOMPANYING IMAGES HAS NOT HAD THE
STEERER TUBE CUT TO LENGTH.



Insert the RD (Rear Derailleur) outer cable into the LEFT upper hole in the downtube access port, and insert the FD (Front Derailleur) outer cable into the RIGHT upper hole.

The outer cable will emerge from the head tube in the same order; ensure the outer cables are not crossed inside the headtube.

Lightly grease the upper headset bearing & install it into the headtube.

Do not grease the bearing AFTER installation.



Fit the headset crown race to the fork. Lightly grease the lower headset bearing & fit onto the crown race.

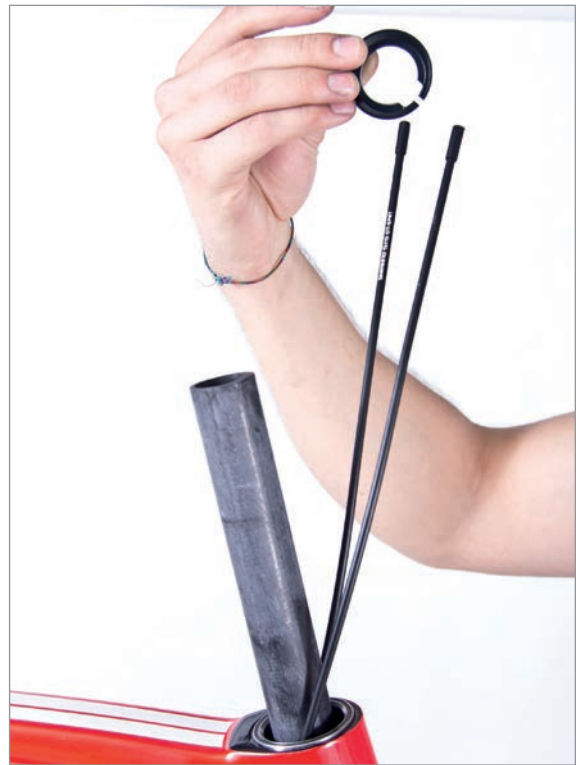
Install the fork into the headtube, ensuring that the outer cables do not cross inside the headtube.

Using an aerosol degreaser, make sure the steerer tube extending from the upper headset bearing is completely clean & free of any traces of grease.

Please note: The Steerer tube must be completely free of lubricant or grease for correct tensioning of the fork compression clamp.



Fit the compression cone into the upper headset bearing.
The slot must line up with the flat surface on the front side of the fork to allow the cable to run through.
Please note the cable positions; LEFT for RD, and RIGHT for FD.



Install the BOTTOM SPACER as shown.

Please Note: The BOTTOM SPACER is mandatory & must be fitted regardless of how many stem spacers are used.



Install headset spacers as required.

Alabarda is delivered with 2 x 10 mm and 2 x 5 mm as standard.

Fit the TOP SPACER as shown, ensuring it is the correct way up with the widest face uppermost.

Please Note: The TOP SPACER is mandatory & must be fitted regardless of how many stem spacers are used.



This image shows the correct assembly of the TOP SPACER & BOTTOM SPACER.

Please note: The image shows 2 x 10mm stem spacers also fitted.



WARNING

DO NOT PUT MORE THAN 3 CM OF SPACERS BETWEEN THE HANDLEBAR AND STEM. IF YOU EXCEED THIS HEIGHT, ANY PROBLEM WITH THE FORK'S STEERER TUBE WILL BE NOT COVERED UNDER WARRANTY.

ALABARDA

Thread 2 gear inner cables through the apertures in the ALABARDA handlebar as shown in the image. These cables will help to guide the cable outers through the bar.



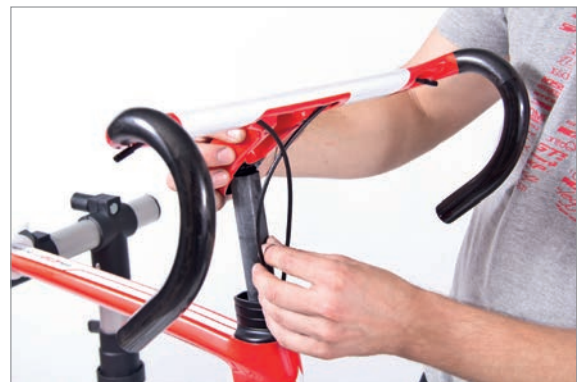
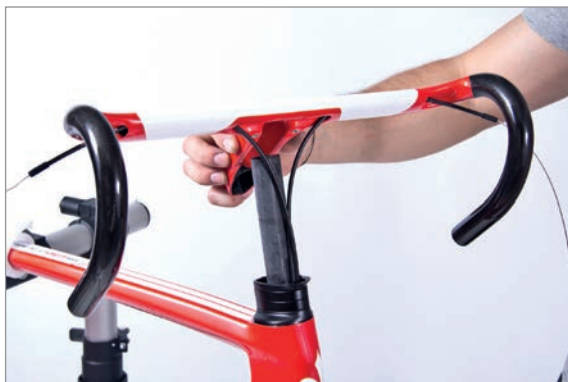
Take the bar/cable assembly & thread the inner cable that emerges from the RIGHT side of the bar into the LEFT hand outer cable. Thread the inner cable that emerges from the LEFT side of the bar into the RIGHT hand outer cable. As can be seen in the images, when correctly installed the outer cables will cross in under the centre of the ALABARDA stem.



Using the installed inner gear cables as guides, Insert the outer cable into the apertures on each side the bar. The inner cables should emerge from the exit holes at the end of the straight portions of the bar.



Carefully install the ALABARDA into position on the steerer whilst ensuring the outer cables remain in the correct place. Ensure that all 4 ends of the outer cables are outside the frame / bar & remove the inner gear cables.



Gently push the outer cables into position inside the stem cavity as shown.

When fitted correctly the outer cables will be inside the bar for aerodynamic efficiency with smooth curves ensuring correct gear operation.



ALABARDA

Fit the steerer expander bung & stem top cap (not shown) in the normal way.
Apply a few drops of lubricating oil to the threads of the ALABARDA compression clamp bolt.
Fit the ALABARDA compression clamp as shown.
Ensure it is completely inserted with the top lip in contact with the top surface of the ALABARDA stem.
Apply preload to the headset bearings using the top cap bolt.
At this point, with the steerer ALREADY cut to length, tighten the compression clamp bolt to 6 Nm torque.

PLEASE NOTE: The steerer tube must be completely free of grease or any lubricant to ensure correct installation.



Mount the brake levers onto the ALABARDA bar and thread the RD and FD cable inside the outer cables as shown.



Thread the inner cables through the installed inner cables.



Fit the shifters.

We suggest fitting the outer cables BEFORE fixing the levers in the desired position.



ALABARDA

The 3 images show the large range of available brake lever positions from high to low on the bars.



Secure the shifter levers in the desired position. Using the torque recommended by the shifter manufacturers.



Withdraw the cables from the outer cables so the inner cables are well clear of the lower ends of the outer cables fitted inside the down tube.



ALABARDA

Gently push the outer cables into the down tube apertures as shown.



Keep applying pressure to the outer cables whilst turning the handlebars to the full limits of travel both clockwise & anti-clockwise.

The correct position is attained when there is no detectable movement at the down tube end when the bars are rotated completely in both directions.

If movement can be felt, push more gear outer into the down tube aperture.



When the gear cables are in the correct position, mark the position in the centre of the down tube cavity as shown.

This position should be obtained whilst some pressure is applied to the outer cables.



Release the pressure & cut the outer cables at the marked positions. With no pressure applied, the ends of the outer cables should line up with the end of the down tube cavity as shown. Fit the gear outer cable end caps.



ALABARDA

Push the gear outer cables all the way through the outers. Thread them through the DOWN TUBE COVER as shown. The FD inner cable passes through the right hand side (through the cable tensioner). The RD cable passes through the left hand side (where there is no cable tensioner). This image shows the correct installation of the gear inner cables through the DOWN TUBE COVER PLATE.



The FD / RD gear inner cables are threaded into the frame through the down tube apertures as shown. Again, FD cable on the right & RD cable on the left.



The gear inner cables emerge from the BB cavity as shown, the FD cable is STILL in the right hand position, and the RD cable in left position.

Ensure that the cables are not crossed inside the frame.



Position the DOWN TUBE COVER PLATE on the frame and fix in position with the screw.



Cross the gear inner cables under the BB following the grooves in the BOTTOM BRACKET GUIDE PLATE as shown. When installed correctly, the RD cable will be guided to the right side, into the rear right chainstay, and the FD cable will be guided into the hole under the BB.

It is now possible to proceed with fitting the gear cables to the derailleurs in accordance with the manufacturer's instructions.





WILIER.COM

#LOVEWILIER