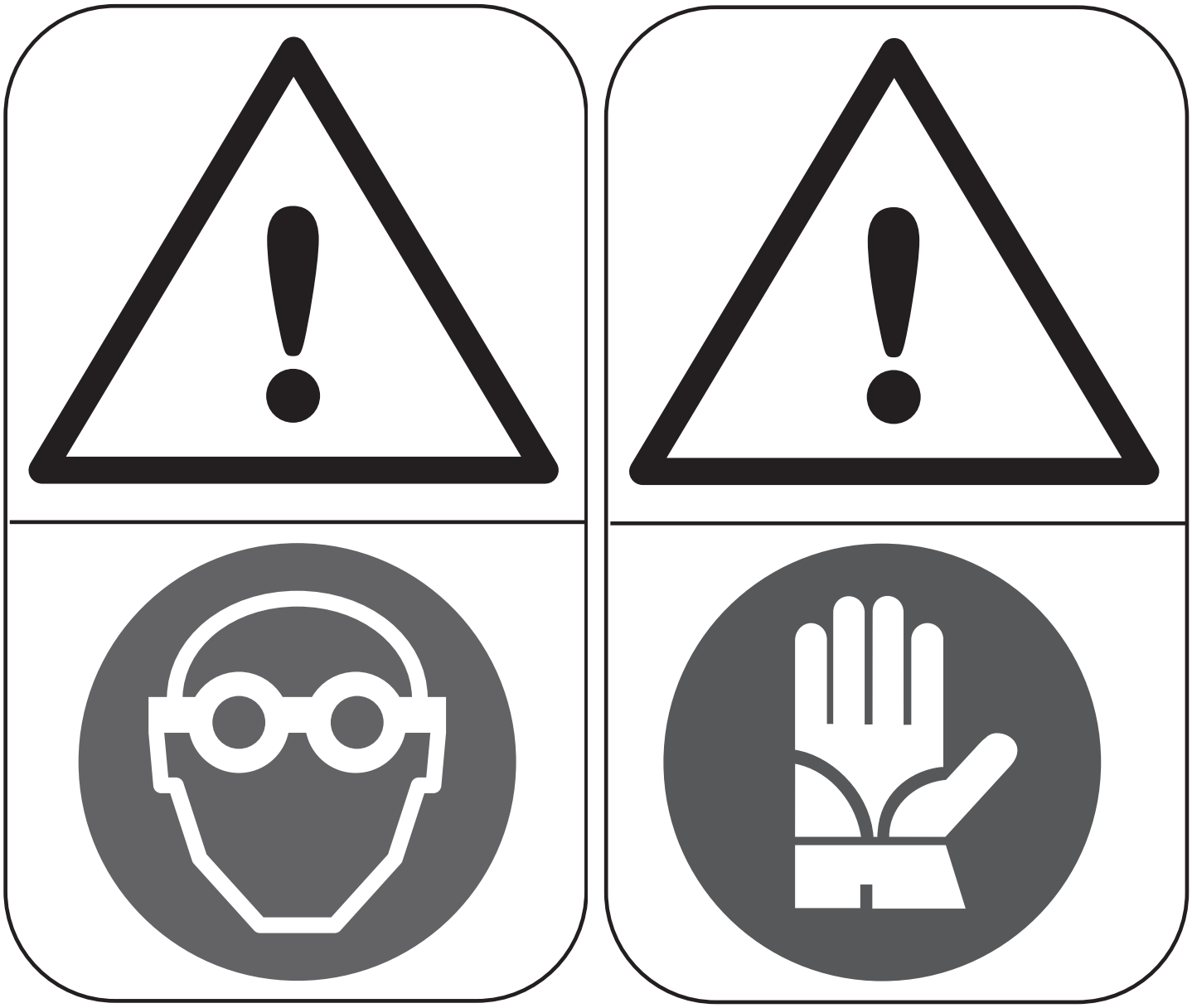
TECHNICAL MANUAL - 18

WHEELS

N3W RETROFIT KIT (CUP-CONE BEARINGS) (AC21-N3WRFCC)

WARNING!

Always wear protective gloves and glasses while working on the bicycle.



THIS TECHNICAL MANUAL IS INTENDED FOR USE BY PROFESSIONAL MECHANICS.
Anyone who is not a qualified professional for bicycle assembly must not attempt to install and operate on the components independently due to the risk of carrying out incorrect operations which could cause the components to malfunction, resulting in accidents, physical injury or even death.
The actual product may differ from what is illustrated, as the specific purpose of these instructions is to explain the procedures for using the component.

TECHNICAL MANUAL - 18

PROCEDURE	REVISION	DESCRIPTION
18	02/09/ 2024	N3W RETROFIT KIT (CUP-CONE BEARINGS)

PRODUCTS ON WHICH THE PROCEDURE SHOULD BE APPLIED

Refer to the "Table of Technical Manuals for Wheels", available at www.campagnolo.com / section "Technical Documentation – Technical Manuals".

Tools required:
2.5 mm Allen wrench / 17 mm spanner
14 mm spanner / Flathead screwdriver

1

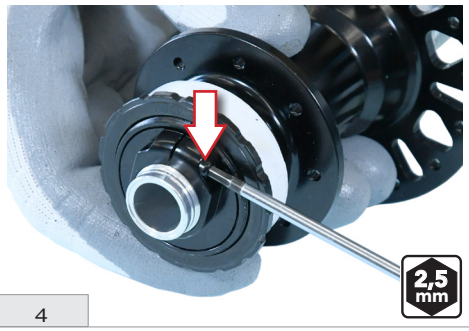
Remove the left adapter.

2

If there is an axle cover instead of the adapter, spread it out with a flathead screwdriver.

3

Remove the axle cover.

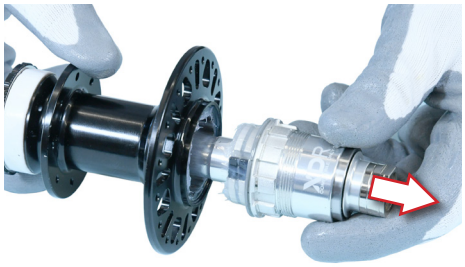


4

Undo the fixing screw for the play adjustment ring nut.

5

Remove the play adjustment ring nut.



6

Remove the axle and the body from the hub.

7

Retrieve the cone pusher, the left cone and the right cone.

8

Prepare the components of the kit to be fitted.

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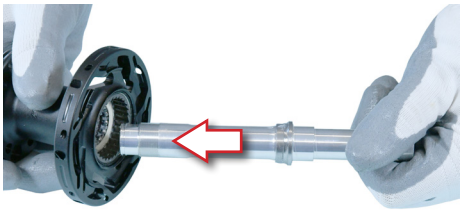
9

Fit the right cone in the axle.

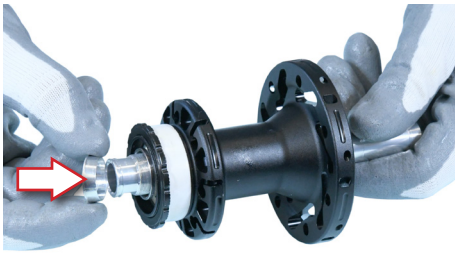


10

Put the axle into the hub.

11

Fit the left cone in the axle.



12

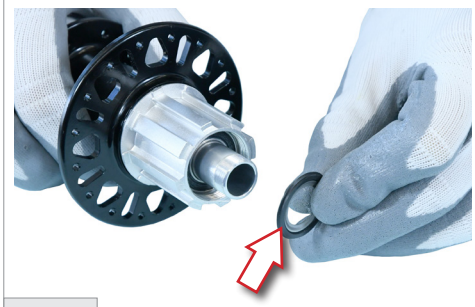
Fit the cone pusher.

13

Refit the play adjustment ring nut.

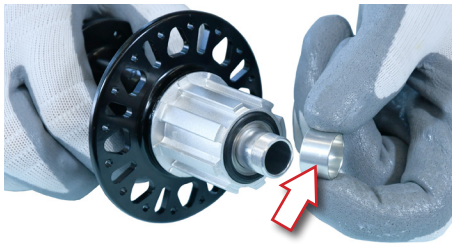
14

Insert the N3W d.30 mm FW body into the hub, pressing the ratchets with a flathead screwdriver and simultaneously pressing the FW body towards the hub.



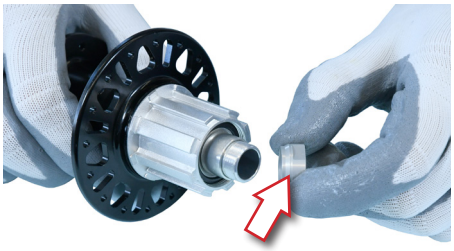
15

Fit the gasket on the FW body.



16

Fit the spacer on the axle.



17

Fit the body locking nut (**Attention: left-hand thread**).

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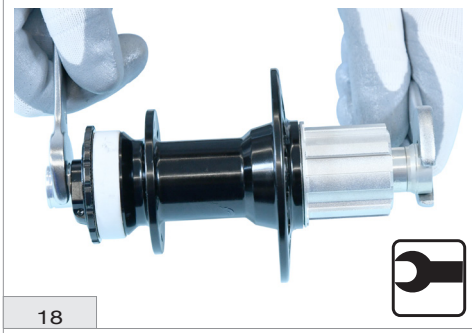
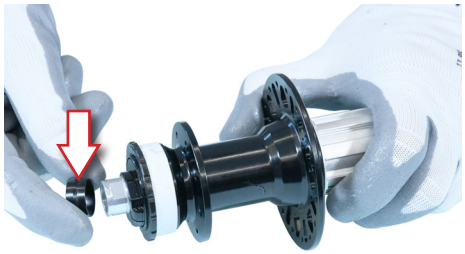


18

Tighten the nut to a torque of **15 Nm (133 in.lbs)**.



19

Refit the axle cover.