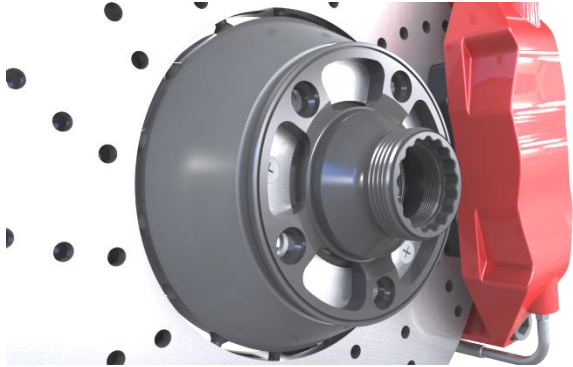
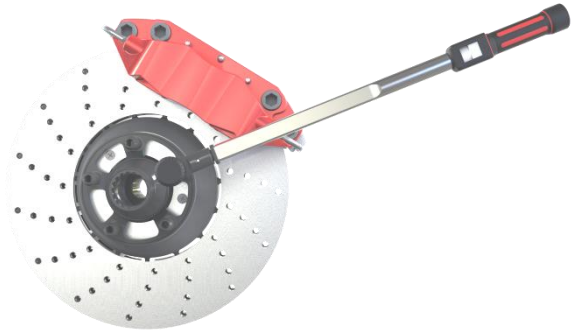
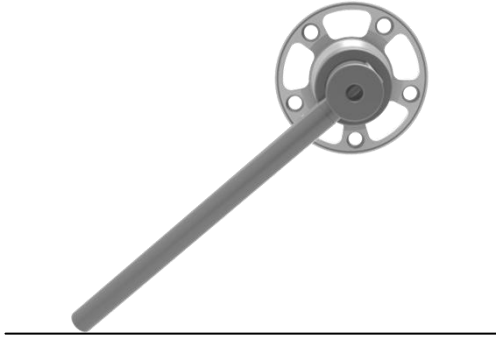


Operation Manual (Mounting) Zeta-Centerlock Wheelnut System:The

Zeta-Centerlock Wheelnutsystem will be offered in two different versions.

1. Adapterversion to mount itself onto standard wheelhubs.It will be possible to change each 4/5 multilognuts wheelsystem in to a centerlocknut wheelsystem.
2. Direct Hub version.The Zeta-Centerlock Hub has to be installed directly into the wheel bearing/suspension.

The presented version concerns the adapter system like Pos. 1.

Lift the the car,take away the standard wheel/tire combination.	
<p>Put the Zeta-Centerlock Adapter onto the center of the standard wheelhub (Illustration 1) and fix it with the included special adapter screws on the standard wheelhub (Illustration 2).</p> <p>Please use minimum as torque indication 160Nm/120lbf.ft.</p> <p>Because of minimal tolerances in the center of the standard wheel hub ,the adapter eventually has to be mounted with a plastic hammer,carefully.</p>	 <p>Illustration 1</p>
	 <p>Illustration 2</p>
<p>For blocking the adapter wheelhub,should be used the included blocking tool (Illustration 3).</p> <p>This blocking tool must be supported by the (garage)floor.Alternatively the use of a second person who actuates the brakepedal is more than helpful.</p>	 <p>Illustration 3</p>

After successfully mounting the Zeta-Centerlock Wheel Hub, the Centerlock Wheel must be put onto the wheel adapter, then the Zeta-Centerlock Wheelnut must be screwed on with tangible torque (Illustration 4).

Additional it is important to use the special Zeta-Socket for this operation. Zeta-Socket must be mounted in straight direction (Illustration 5), then socket must be turned clockwise until it is locked in the dovetail profile of the Zeta-Centerlock Wheelnut (Illustration 6)

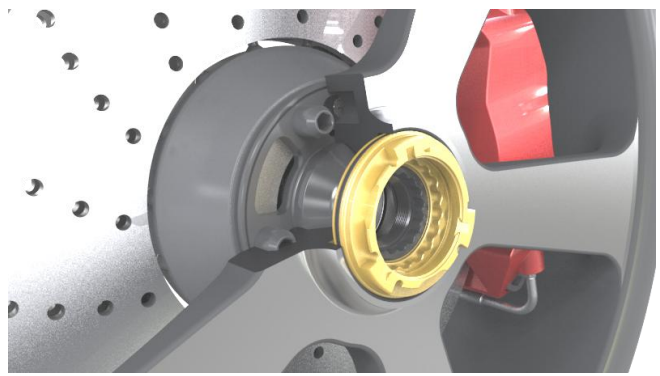


Illustration 4

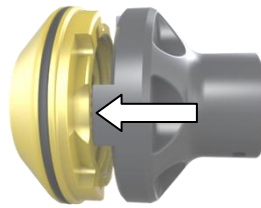


Illustration 5



Illustration 6

Now the car can be lowered, until the tire touches the (garage) floor.

Now the Zeta-Centerlock Wheelnut has to be torqued with a torque wrench or a torque multiplier until a torque size at minimum of 600Nm or 120Lbf.ft. has been reached (Illustration 7).

It is very important to put the included wood stretcher under the tire. In addition it is necessary to use help of a second person, who actuates the brake pedal.

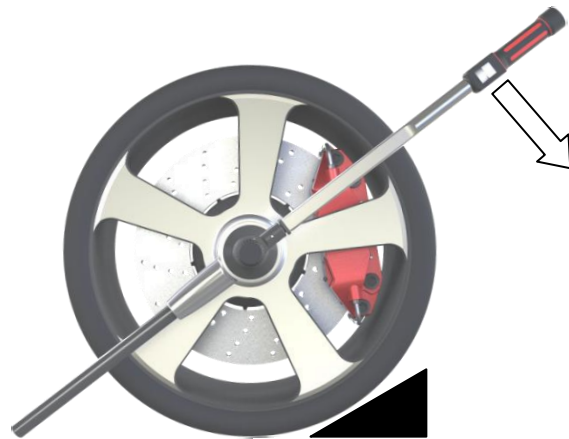


Illustration 7

Now ,all the mounting tools can be removed from Zeta-Centerlock Wheelnut.

The safety element must be installed into the wheelnut/hub combination (Illustration 8)

The element itself has to be mounted in straight direction to the wheelnut.No matter in which direction (LH or RH)the element is turned,there will be one position on the wheel scope,where the safety element slips into a deeper position.This way,it is possible to put the included circlip in combination with the enclosed circlip-plier into the unshrouded circlip groove (Illustration 9).

If the circlip has snapped into the circlip groove,the endcover must be put onto the Centerlocknut.

This has to be done with a little pressure by hand(palm).

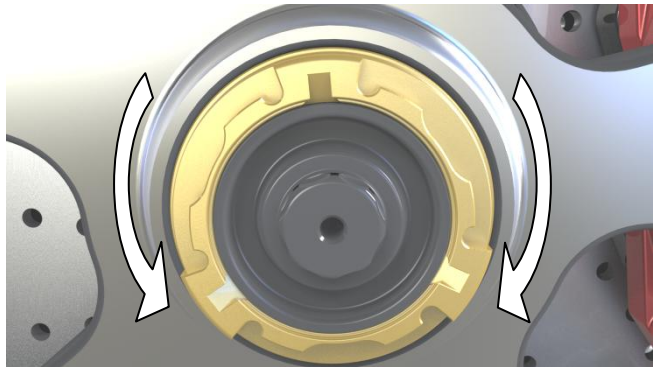


Illustration 8

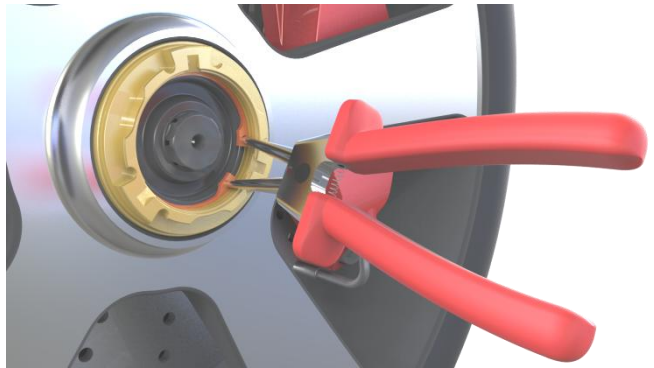


Illustration 9

Now the system is ready to start!



T-Tool Precision GmbH
D-72393 Burladingen/Germany

WWW.CENTERLOCKWHEELS.COM