



TEKAR™

REPLACING THE JOCKEY CAGE OF THE
REAR DERAILLEUR (RD21-EK13)

WARNING!

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



REPLACING THE EKAR JOCKEY CAGE

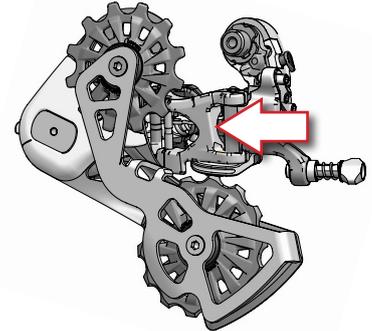
THIS TECHNICAL MANUAL IS INTENDED FOR USE BY PROFESSIONAL MECHANICS.

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.



The operations described in this procedure are only applicable to jockey cage code RD21-EK13.



1 - DISASSEMBLING THE EKAR REAR DERAILLEUR JOCKEY CAGE (RD21-EK13)

1.1 - TOOLS REQUIRED

	ALLEN WRENCH		TORX WRENCH T15
	FIXED WRENCH		FIXED WRENCH



Tools supplied by other manufacturers for components similar to Campagnolo® components, may not be compatible with Campagnolo® components. Likewise, tools supplied by Campagnolo s.r.l. may not be compatible with components supplied by other manufacturers. Always check with your mechanic or the tool manufacturer to insure compatibility before using tools supplied by one manufacturer on components supplied by another.

1) Grasp the body and rotate the jockey cage anti-clockwise until the screw is visible (A - Fig.1).

2) Keeping the jockey cage locked, remove the screw (A - Fig.2).

 **WARNING!**
Left-hand thread.

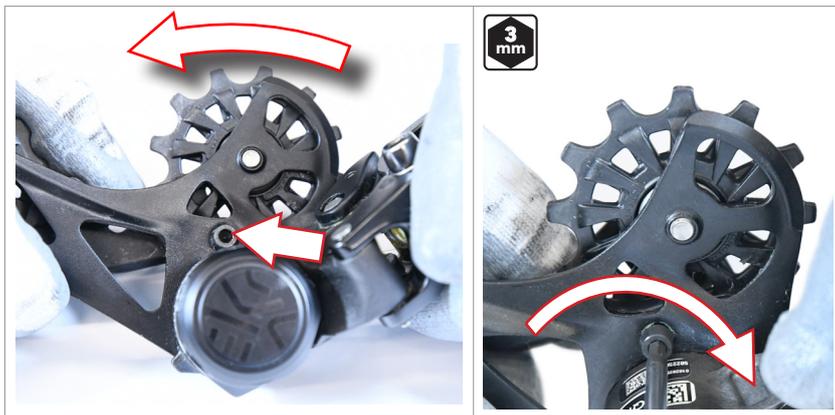


Fig.1

Fig.2

3) Accompany the jockey cage until the spring is completely unloaded (Fig. 3).

 **WARNING!**
The rear derailleur is spring-loaded and will quickly return to its starting position.
Pay special attention when accompanying the jockey cage and keep your fingers well away from points at risk of crushing.

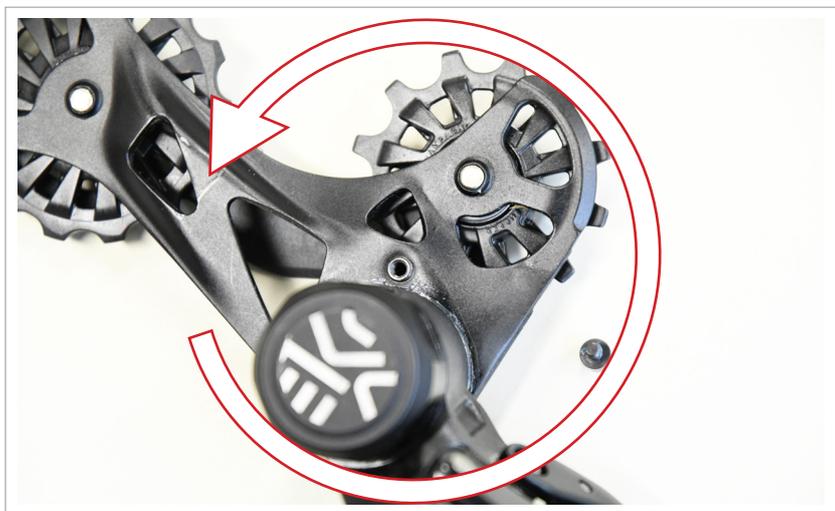


Fig.3

4) Remove the clutch cover (Fig.4 / Fig. 5).



Fig.4

Fig.5

5) Remove the jockey cage fixing nut (Fig.6 / Fig.7).



Fig.6

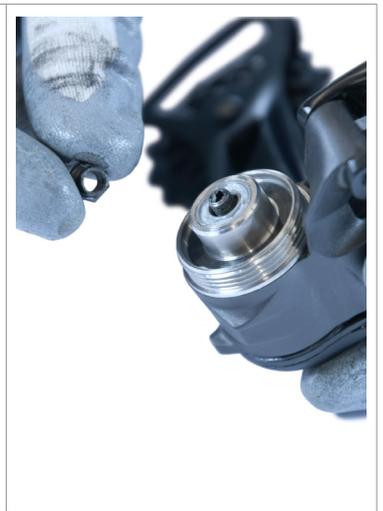


Fig.7

6) Use a T15 Torx wrench to remove the nut on the jockey cage side, acting on the clutch shaft (Fig.8 / Fig.9).



Fig.8

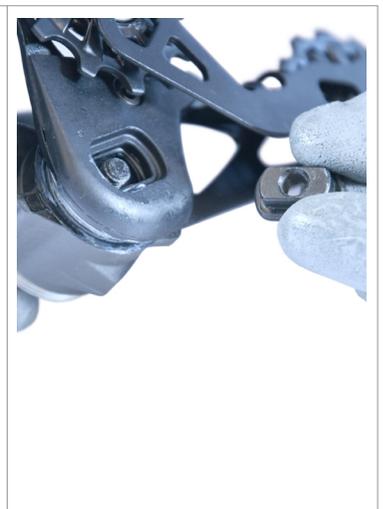


Fig.9

7) Remove the jockey cage and the sealing ring (Fig. 10).



Fig.10

2 - ASSEMBLING THE EKAR REAR DERAILLEUR JOCKEY CAGE (RD21-EK13)

2.1 - TOOLS REQUIRED

 <p>ALLEN WRENCH</p>	 <p>INSERT FOR ALLEN WRENCH</p>
 <p>TORX WRENCH T15</p>	 <p>INSERT FOR TORX WRENCH T15</p>
 <p>TORQUE WRENCH</p>	 <p>INSERT FOR TORQUE WRENCH</p>
 <p>FIXED WRENCH</p>	



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WARNING!

Campagnolo spare parts must only be installed by qualified personnel with specialised knowledge, suitable tools and sufficient experience and who carefully follow the installation instructions. Failure to comply with the above could result in product malfunctions, accidents, physical injury or death.

1) Insert the sealing ring, making sure it is positioned correctly (Fig.1).

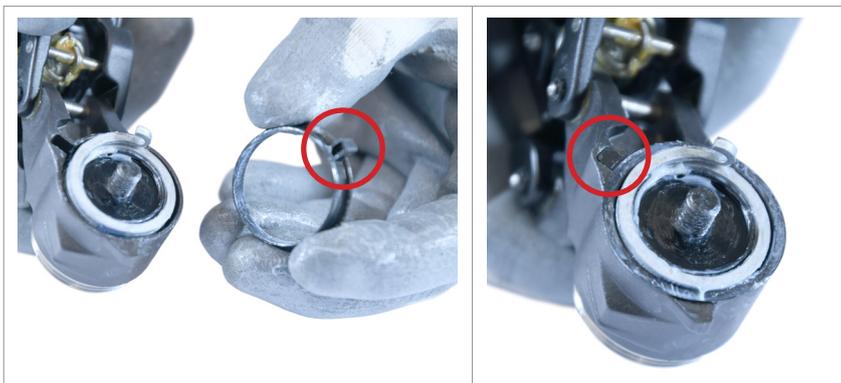


Fig.1

2) Apply "Loctite 2701" (Fig.2) to the clutch shaft.



Fig.2

3) Install the jockey cage, hooking the spring in the corresponding hole on the jockey cage itself (Fig. 3).



Fig.3

4) Install the nut on the jockey cage side by acting on the clutch shaft (Fig. 4). Using a T15 Torx wrench, tighten to a torque of 8 Nm (Fig.5).

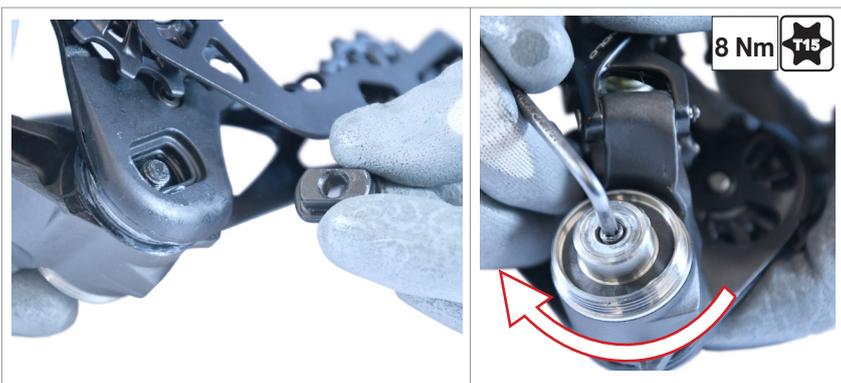


Fig.4

Fig.5

5) Apply “Loctite 2701” (Fig. 6) to the jockey cage fixing nut.

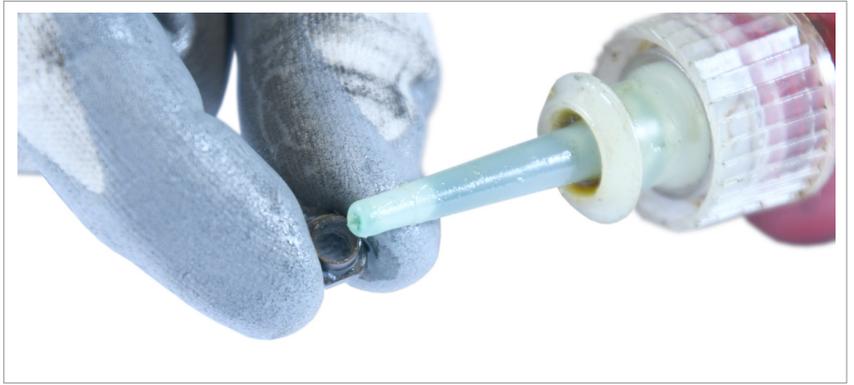


Fig.6

6) Install the jockey cage fixing nut (Fig.7 / Fig.7).
Tighten to a torque of 2.5 Nm (Fig.8).



Fig.7

Fig.8



WARNING!
Observe the tightening torque.
A higher tightening torque could
damage the components inside the
rear derailleur, causing it to malfunction.

7) Apply “Loctite medium 243” to the cover (Fig.9).



Fig.9

8) Screw on the cover by hand (Fig.10).

9) Use an open-end spanner to tighten the cover until a certain resistance is felt (Fig.11).

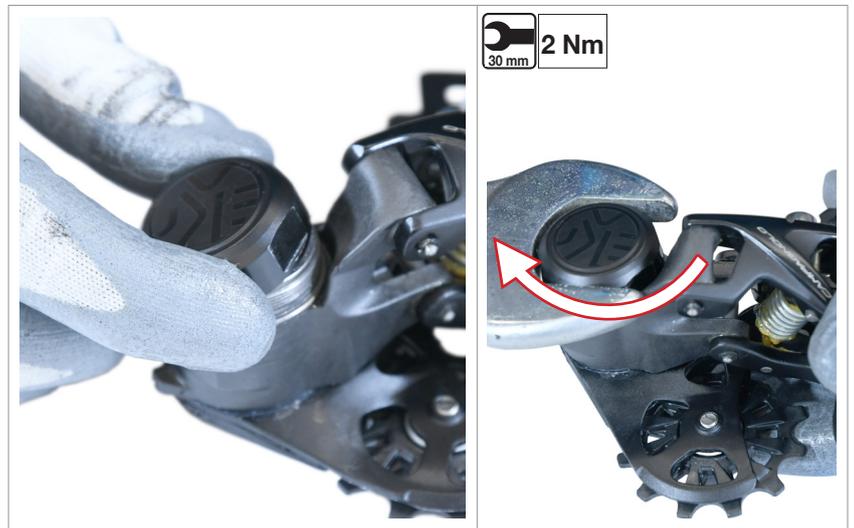


Fig.10

Fig.11

10) Load the spring by turning the jockey cage ONE (360°) complete turn counterclockwise (Fig. 12).

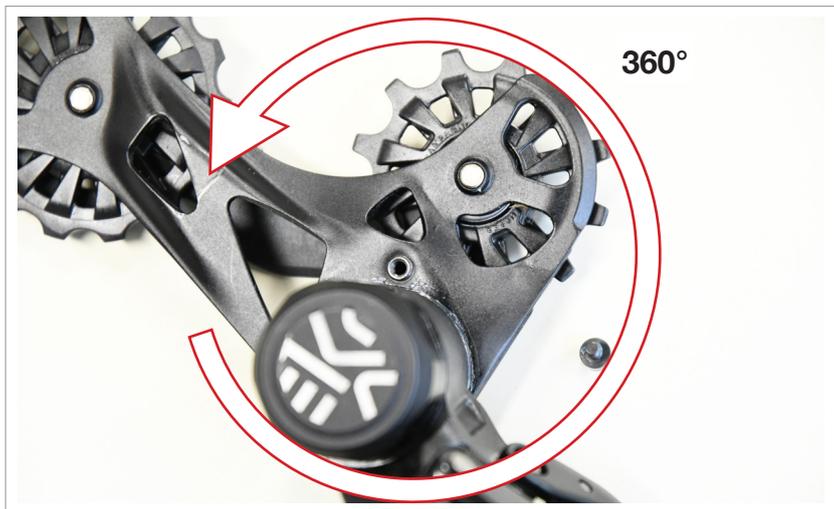


Fig.12

WARNING!

The rear derailleur is spring-loaded and will quickly return to its starting position. Pay special attention when accompanying the jockey cage and keep your fingers well away from points at risk of crushing.



11) Install the jockey cage end-stop screw and, using a 3 mm Allen wrench, tighten the screw to a torque of 1 Nm (Fig.13).



Fig.13

WARNING!

Left-hand thread.

