

## NEW 12-29 SPROCKET SET for 11-speed drivetrains

Since Campagnolo is always attentive to satisfying customer needs, in the 2010 range we are introducing a new combination that even exceeds the 28 teeth of the sprockets offered by the competition: **the new 12-29 combination!**

But that's not all. With a small modification on the indexed adjusting insert of the derailleur cage, Campagnolo has been able to maintain a single rear derailleur configuration, thus avoiding the problem of the dual option: rear derailleur with medium cage or short cage.

With this modification, the rear derailleur has the possibility to work optimally from sprocket 11 to sprocket 29 with all the combinations of Campagnolo 11s cranksets available.

**How do you recognise the rear derailleurs with this modification?** They are marked with a removable label placed on the upper body of the rear derailleur and have this indication: "from 11/23 to 12/29 compatible" (see Enclosure A).

### What about the rear derailleurs already on the market or in our distribution network?

The table below shows the frames that are compatible with the new 12-29 combination without any modification to the rear derailleur, and those, on the other hand, that require a quick and simple modification: the replacement of the indexed adjusting insert of the derailleur cage (Enclosure B). The insert is available as a spare part in a package of 5 pieces (code 5-RD-SR004).

**TABLE OF COMPATIBILITY of 11S REAR DERAILLEURS with NEW 12-29 SPROCKET SET:**

TYPE OF REAR DERAILLEUR	Drop-out length (L - encl. C) = 28mm	Drop-out length (L - encl. C) 24 ÷ 28mm
<b>11-speed rear derailleurs sold till September 2009</b>	Compatible with all the Campagnolo 11s combinations	<b>Modification required (see Enclosure B)</b>
<b>New rear derailleurs available from the end of September 2009*</b>	Compatible with all the Campagnolo 11s combinations	Compatible with all the Campagnolo 11s combinations

\*Identified by the removable adhesive label "from 11/23 to 12/29 compatible" situated on the upper body of the rear derailleur.

## ENCLOSURE A



FROM 11/23  
TO 12/29  
COMPATIBLE

## ENCLOSURE B

### KIT 5-RD-SR004

ITALIANO

#### ⚠ ATTENZIONE!

Tutte le operazioni sul cambio devono essere effettuate da personale specializzato, un cambio registrato in modo errato può essere causa di incidenti, lesioni fisiche o morte.

- Smontate le rotelline (svitate le viti con una chiave a brugola da 3 mm), la vite di registrazione e il bilanci- ciere (Fig. 1).
- Sostituite l'inserto di regolazione (A - Fig. 2).

- Inserite il gambo della molla (B - Fig. 2) nel foro indicato in Fig.2.
- Inserite la vite di attacco bilanci- ciere (C - Fig. 1) e avvitate di circa due giri con una chiave a brugola da 5 mm.
- Ruotate il bilanci- ciere, caricando la molla D (Fig. 1) fino a superare il fermo anti-rotazione (Fig.3). Serrate la vite di attacco bilanci- ciere alla coppia di serraggio 8 Nm - 6 lb.ft.
- Inserite la vite di registrazione (E - Fig. 1) e registra- tela a circa metà corsa.
- Rimontate le rotelline alla coppia di serraggio di 3 Nm - 2.21 lb.ft.

#### ATTENZIONE!

Le due rotelline sono diverse: nella parte superiore va montata la rotellina (F - Fig. 4) stampigliata "UPPER" (con gioco laterale); nella parte inferiore va montata la rotellina (G - Fig. 4) stampigliata "LOWER" che è unidirezionale e deve essere montata in modo che ruoti nel senso indicato dalle frecce (Fig. 5).

**Nota:** per qualsiasi informazione sull'utilizzo del cambio, fate sempre riferimento al libretto istruzioni del cambio stesso.

ENGLISH

#### ⚠ ATTENTION!

All the operations on the gear shifter must be carried out by trained personnel, a badly adjusted gear shifter can cause accidents, injuries and even death.

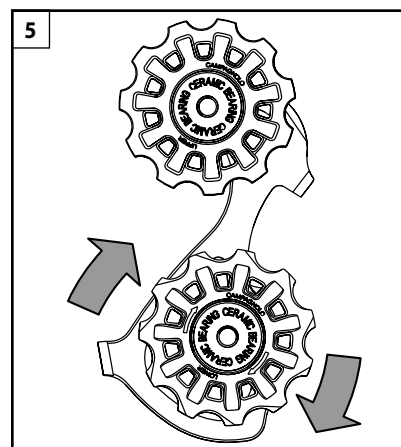
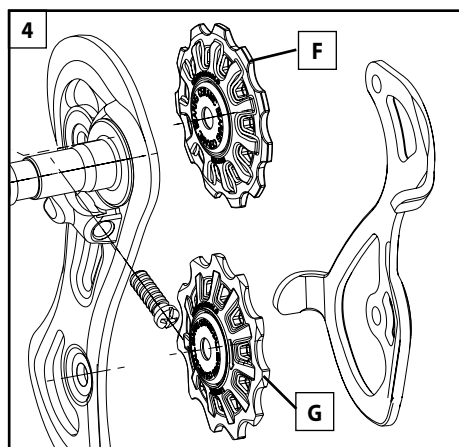
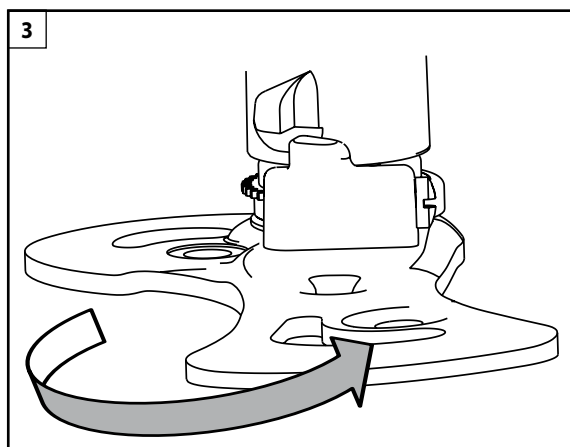
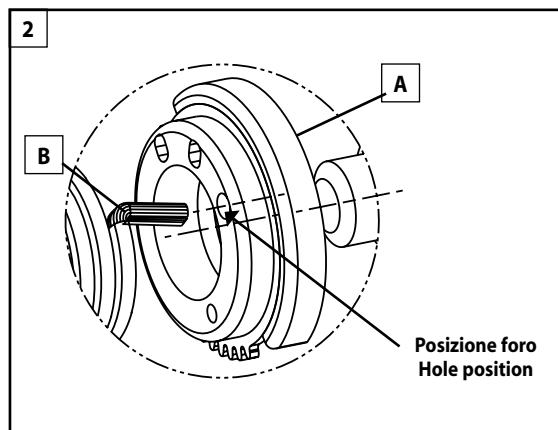
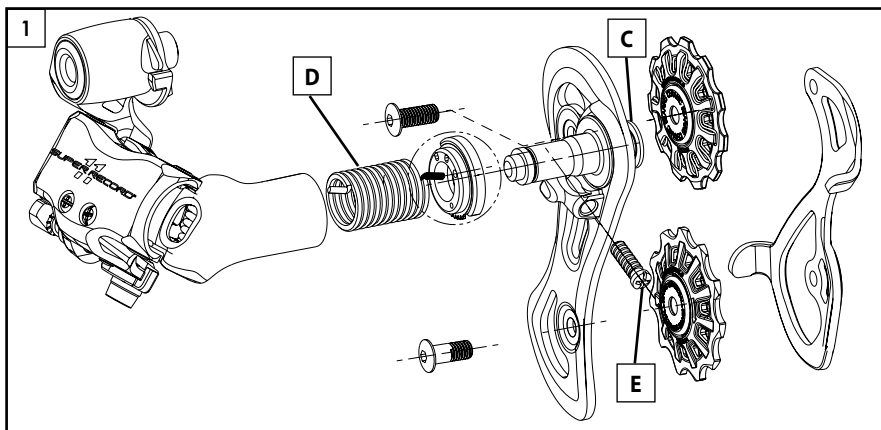
- Remove the rollers (unscrew the screws with a 3mm allen key), the adjusting screw and the derailleur cages (Fig. 1).
- Replace the adjusting insert (A - Fig. 2).

- Insert the spring stem (B - Fig. 2) into the hole shown in Fig.2.
- Insert the derailleur cages fixing screw (C - Fig. 1) and screw in two turns with a 5mm allen key.
- Rotate the derailleur cages, loading spring D (Fig. 1) till the anti-rotation stop is overcome (Fig. 3). Tighten the derailleur cages securing screw at the coupling torque of 8 Nm - 6 lb.ft.
- Insert the adjusting screw (E - Fig. 1) and set at about half travel.
- Refit the rollers and tighten at 3 Nm - 2.21 lb.ft.

#### ATTENTION!

The two rollers are different: the roller (F - Fig. 4) with "UPPER" stamped on must be fitted at the top (with side clearance); the roller (G - Fig. 4) with "LOWER" stamped on is unidirectional and must be fitted at the bottom so that it rotates in the direction of the arrows (Fig. 5).

**Note:** always refer to the gear shifter handbook for any information on using the gear shifter.



## ENCLOSURE C

