



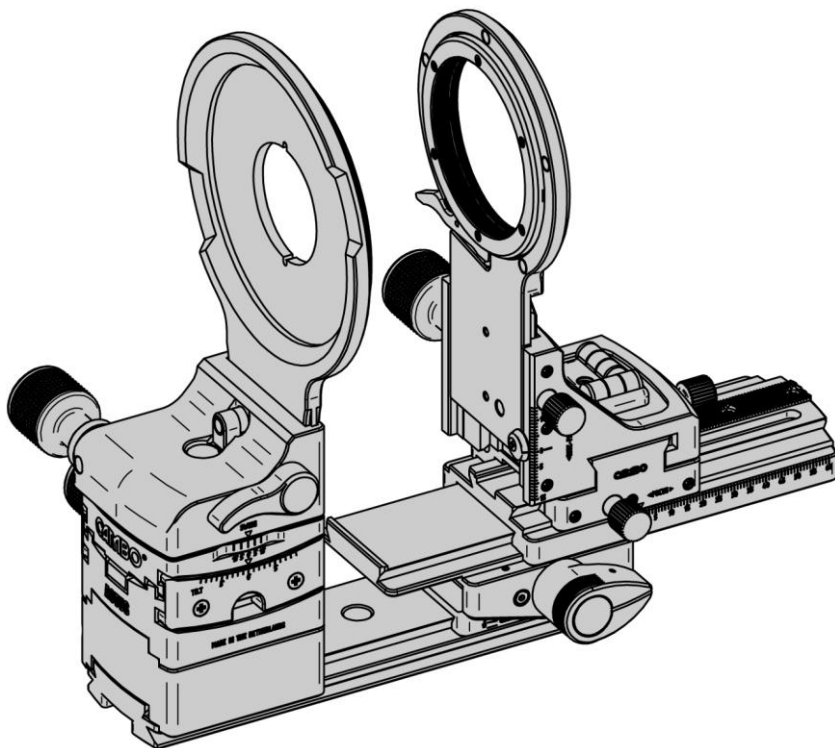
AC-371 Rear Base Tilt

For Actus-B, -G and DB

INSTRUCTION MANUAL

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Please read this manual carefully before using the AC-371!



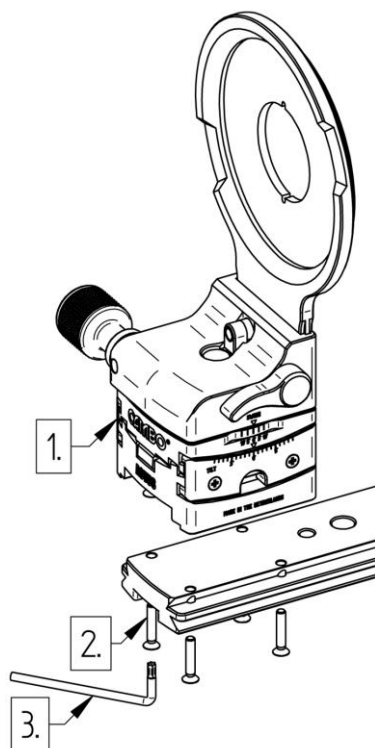
Version 1.00

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The **AC-371 rear base tilt kit** is an additional kit to the Actus-B, Actus-G or Actus-DB. This kit allows the rear standard to tilt $+15^\circ$ / -15° with fixed increments of 5° . The AC-371 also extends the telescopic rail system with 42mm extra travel.

Please read this manual carefully before converting your Actus-B, -G or -DB. Please take all warnings concerning the use of standard Actus systems into account when using an Actus fit with the AC-371 kit. Note that the AC-371 is compatible with all three Actus systems so the images displayed in this manual may differ from the Actus system you own.

1. Removing the Front standard



To remove the front standard [1], unscrew the four M3 Torx bolts [2] using the supplied Torx T10 key [3].

Note that the front standard of the Actus-G and Actus-DB have an extra 16,3mm spacer which is not displayed in Figure 1. (See fig.2 [1])

Figure 1. Removing the front standard.

2. Removing the rear standard

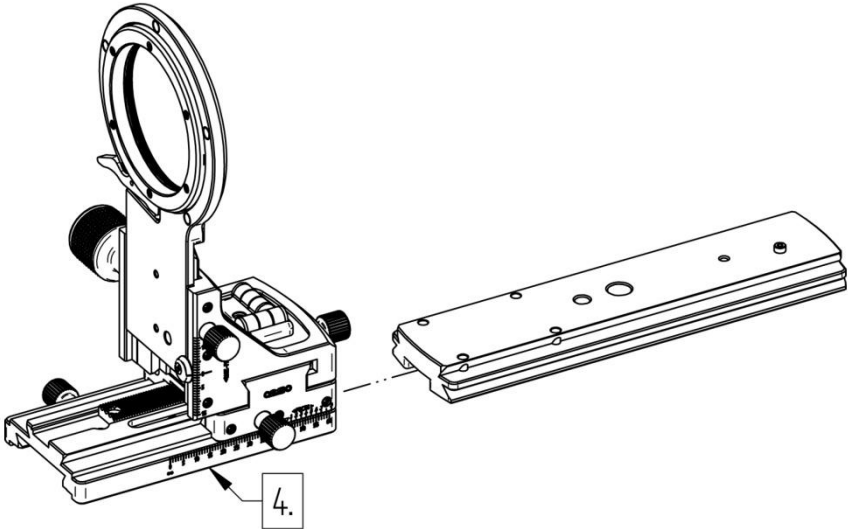


Figure 2. Removing the rear standard.

To remove the rear standard [4] from the Actus, simply slide the rear standard over the front end of the rail.

3. Reassembling the rear standard

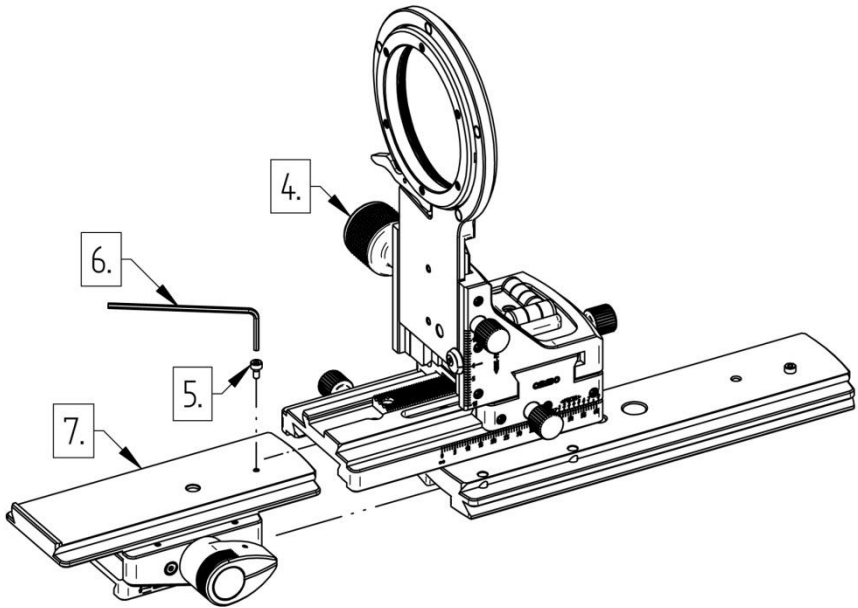


Figure 3. Installing the rear tilt unit.

Start by installing the rear base tilt unit [7] to the Actus rail. Remove the M2x4 [5] from the rear base tilt unit by using the supplied 1,5mm Allen key [6]. Slide the rear base tilt unit over the rail until the rear base tilt unit reaches the end stop. Now slide the rear standard [4] over the rear base tilt unit and align the mounting hole of the rear standard to the threaded hole in the rear base tilt unit. Fit the earlier removed M2x4 bolt [5] to the rear base tilt unit using the Allen key [6]. For adjusting the rear base tilt unit see chapter 5.

4. Reassembling the front standard

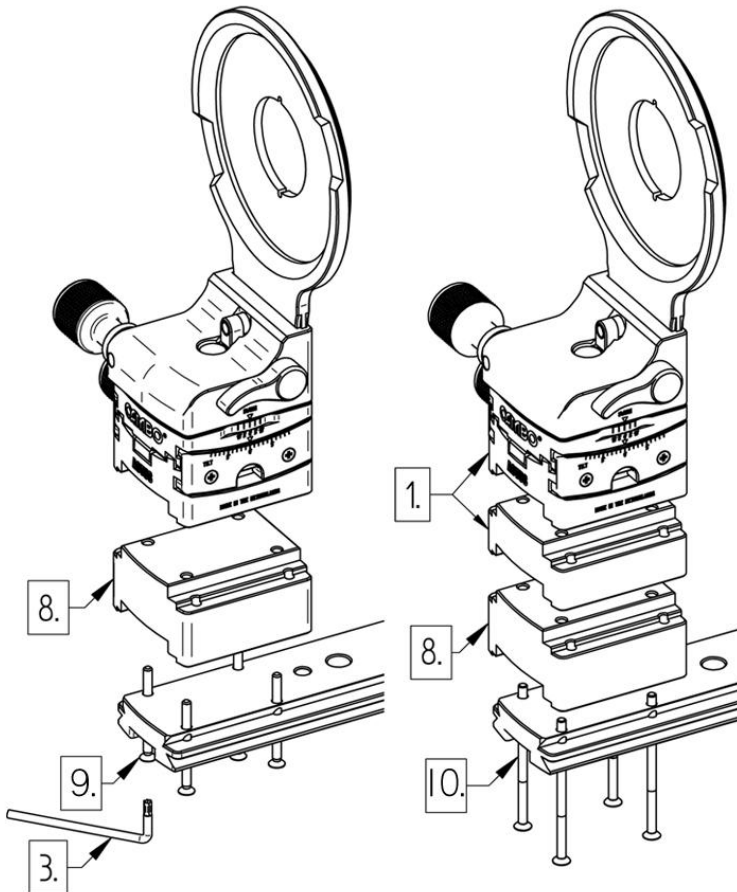


Figure 4. Installing the spacers.(Left, Actus-B, Right, Actus-G and Actus-DB)

For the Actus-B place the 21,5mm spacer [8] below the front standard and fix both to the Actus rail at the same time using the supplied M3x35 ISO14581 Torx screws [9] using the Torx T10 key [3].

For the Actus-G and -DB place the supplied 21,5mm spacer [8] and the original 16,3mm spacer [1] below the front standard and fix all three to the Actus rail with the supplied M3x55 ISO14581 Torx screws [10] using the Torx T10 Key.

5. Adjusting the telescopic system

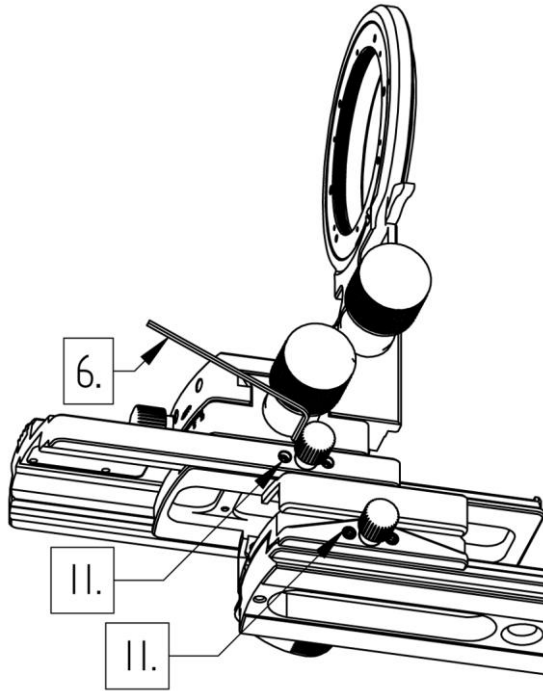


Figure 5. Adjusting the telescopic system.

To avoid play or stalling of the telescopic system after installing the rear base tilt unit, both sliding parts can be readjusted. To remove play from the system set screws [11] should be tightened using Allen key [6]. To avoid stalling, loosen the set screws [11]. Note these adjustments come very close, do not over tighten the set screws!

6. Actus with AC-371 added features

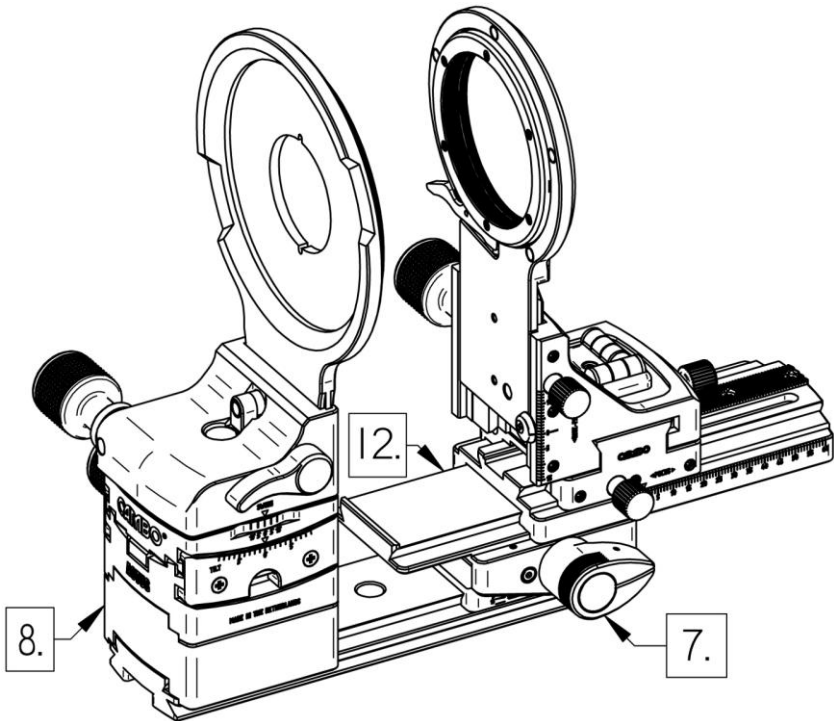


Figure 6. AC-371 rear base tilt unit.

Now the AC-371 rear base tilt kit is assembled you have added a 21,5mm spacer [8] to the front standard to keep the optical axis of the lens board aligned to the centre of the sensor. The rear base tilt unit [7] allows the rear standard to tilt to a maximum of $\pm 15^\circ$ with fixed increments of 5° .

Note that you should always support the rear standard when you unlock the base tilt unit.

The installed rear base tilt unit also allows for an extra 42mm of telescopic travel [12]. If you will use this extra travel to its maximum extend, for the Actus-B, the standard AC-210 bellow should be replaced by the AC-214 long bellow. For the Actus-DB or Actus-G with DB module the ACDB-250 bellow should be replaced by the ACDB-254 long bellow

This instruction manual is prepared with care, although no responsibility, financial or otherwise, is accepted for any consequences related the information stated in this instruction manual. All specifications in this instruction manual are subject to change without notice.

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