

Manual for the spring to the AK16 / PENTAFLEX 16

The spring system for the AK16 / PENTAFLEX 16 is used when the electric drive can not be used due to its circumference

or the lack of an option for the drive battery.

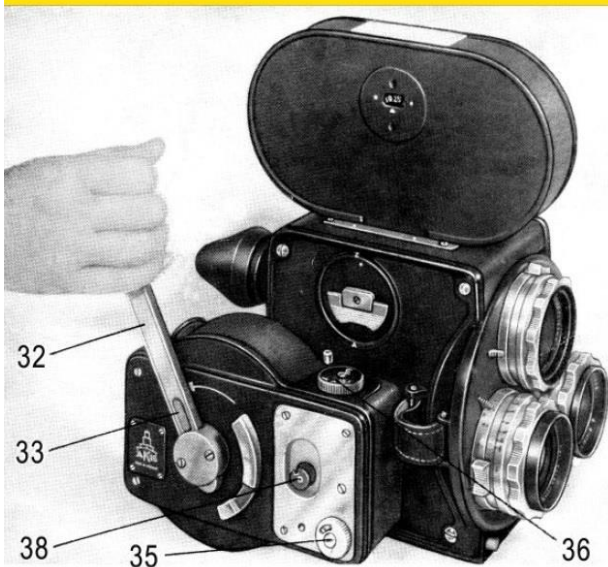
The attachment of the spring mechanism to the AK16 / PENTAFLEX 16 can only be carried out on the axle-mounted drive bearing. It is to be noted that the red point on the camera is opposite to that of the spring. The bayonet coupling is pushed into each other by light pressure and the spring mechanism is turned clockwise until it snaps into place. The coupling between the drive of the spring mechanism and the camera drive is automatically.



When detaching the spring mechanism, the detent button (31) must be pressed while the spring mechanism is rotated about 60 degrees counter clockwise. The elevator of the spring unit is reached with approx. 40-50 swivel strokes of the lever (32). For this purpose, it is pulled out of its rest position as far as it will go, and is moved within its constriction like a pump slack until a soft stop indicates the volume pull.

The elevator lever is now to be moved into its locking position with simultaneous pressure on the catch (33). The counter (34) indicates how many meters of film are still being traversed. In the case of a full stroke, a 6 is displayed in the counter window. The operating range of the spring system is 6-0. When the white points appear in the counter window, the spring has elapsed and the frequency constancy is no longer guaranteed. If the spring is not cleaned for an extended period of time, it is advisable to drain the spring.

The image frequency setting is performed with the knurled knob (35). The setting is between 12-48 images / sec. adjustable. Please note that by expiry of the unloaded, not with the

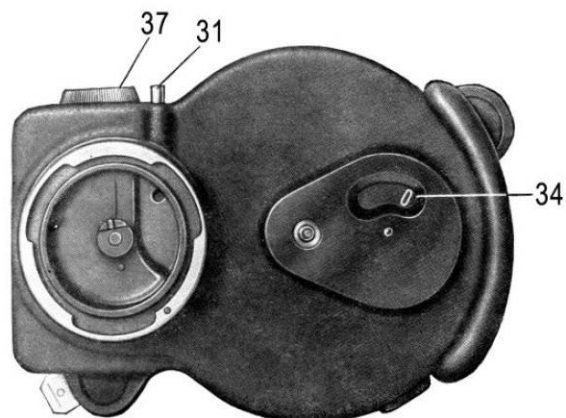


Camera can cause mechanical damage in the transmission at the highest speed, for which no guarantee is given in this case. As with our 8mm cameras, the release button (36) and the gang selector switch (37) form a single unit. The release button can be operated by hand or with the drawer release. The operating modes can be changed by turning the selector switch.

L to the index point = normal run
D to the index point = continuous
E to the index point = single image

Of course, when using the spring mechanism at the moment of switching off, the mirror aperture of the camera is pivoted into the search beam path and the viewfinder image is thus released.

Expansion options for crossfading are available. The rewinding crank can be attached to the coupling point (38). A clockwise rotation corresponds to the return of an image. Note that when rewinding, the spring in the spring mechanism must never be fully loaded (maximum counter indicator 5) and that a rewinding cartridge is inserted into the camera.



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A special maintenance and care is not necessary with this springwork, since it has been provided with a special lubricant in other workshops.

However, it is advisable to return this unit to us or a repair workshop prescribed by us for approx. 50 hours of operation.

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