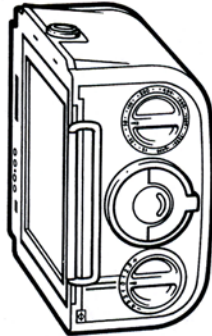


HASSELBLAD



A12TCC

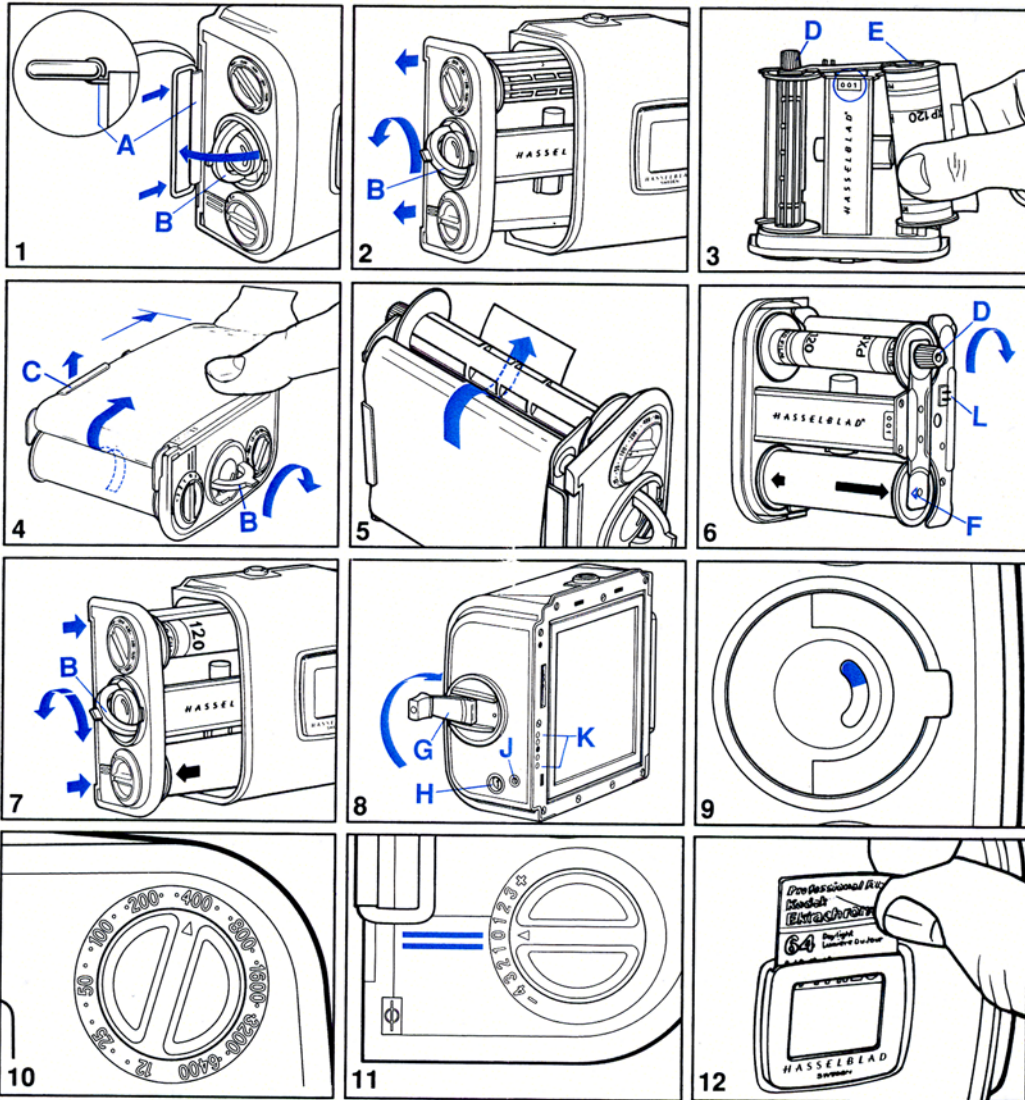
30309, 30317

A16TCC

30325, 30333

A24TCC

30341, 30350



Hasselblad Roll Film Magazines A12TCC, A16TCC and A24TCC

The TCC roll film magazines are specially designed to be used on the 205TCC camera, providing control dials for pre-setting of film speed and contrast correction through compensating development of the film. The dial settings are automatically transferred from the active electronic circuits in the magazine through the four contacts of the data-bus system (K, fig. 8 L, fig. 6) to the central computer in the camera body. The film speed setting appears on the display in the viewfinder and the contrast correction is automatically considered in the exposure calculations when the 205TCC is used in the Zone Mode. In the other operational modes the contrast dial setting is disregarded. Although designed for the 205TCC the magazines can also be used on all other Hasselblad models and operates then as a common Hasselblad roll film magazine.

Magazine Operation

Loading the Magazine

You can load the magazine with film on or off the camera. When loading it off the camera you have to ensure that the magazine slide (A, fig. 1) is inserted with its flat side towards the film holder key (B).

Housing and film holder in the magazine form a carefully matched pair. Always check that the three figures on the film holder (fig. 3) and the last three figures of the magazine's serial number match!

Follow the procedure below to load a film:

The paragraph numbers refer to the corresponding illustrations.

1. Fold out the film holder key (B).
2. Turn the key (B) counter-clockwise and withdraw the film holder.
3. Place an empty take-up spool under the grooved knob (D) of the spool clamp bar. Insert a roll of film under the other end (E) of the bar, turned as in the figure. Remove all of the paper band surrounding the roll!
4. Turn the film holder key (B) clockwise to open the film clamp (C). Pull 8-10 cm (3-4 in.) of paper backing off the film roll. Slide the side edge under the clamp.
5. Insert the tongue of the backing paper into the slot in the take-up spool.
6. Turn the grooved knob (D) clockwise to align the arrow on the paper with the triangular index (F) on the bar, but no further.
7. Turn the film holder key (B) counter-clockwise. Insert the film holder into the magazine. Ensure that it is correctly positioned. Turn the film holder key (B) clockwise to lock the film holder in the magazine.
8. Fold out the film winding crank (G). Rotate it clockwise about ten turns until it stops. Turn it counter-clockwise and fold it in. Number 1 will now be displayed in the frame counter window (H) indicating that the loaded magazine is ready for use. The film

winding crank (G) is blocked at frame 1 only. It can be used to wind up a partially exposed film at any frame after that. The frame counter is automatically reset when the film holder is withdrawn from the magazine.

Magazine Signal (Fig. 8)

The Magazine signal (J) is located to the right of the frame counter window (H). A white signal indicates that the film has been advanced after the latest exposure; a red that it has not been advanced and there is a risk for a double-exposure.

Magazine Load Status (Fig. 9)

In the center of the film holder key there is a crescent-shaped indicator window that shows white when the magazine is freshly loaded. It gradually changes to red as the film is wound through. An all red indicator shows that the film is used up or that the magazine is empty.

Film Speed Dial (Fig. 10)

On the left hand side of the magazine above and below the film holder key are two dials. The upper one is the film speed dial. The speed set on this dial is automatically transferred to the metering system in the 205TCC and displayed in the viewfinder in the Pr mode. The range of the film speed dial extends from ISO 12 to ISO 6400 with 1/3 and 2/3 intermediate settings. When the magazine is used on any of the other Hasselblad models this setting has no effect.

Film Contrast Dial (Fig. 11)

The dial below the film holder key is the film contrast dial which can be used with the 205TCC in the Zone Mode only. The dial has eight settings from -4 through 0 to +3, corresponding to the contrast control development N - 4 through N + 3. It informs the metering system how you are going to develop the film in the magazine when you intend to control the contrast by increased or reduced development. In any other operational mode or when the magazine is used on any of the other Hasselblad models this setting has no effect.

Film Plane Index (Fig. 11)

In front of the film contrast dial, close to the magazine front and moulded into the rubber grip cushion is the film plane index. It can be used to measure the subject-to-film distance in close-up photography.

Film Tab Holder (Fig. 12)

The end tab of the film pack can be inserted in the holder on the back of the magazine as a reminder of the kind of film that has been loaded into the magazine.

Removing the Film

After the last frame has been exposed and the film advanced, the magazine prevents further release of the camera. To remove the exposed film, fold out the film winding crank and rotate it clockwise until you can feel that the film is leaving the supply spool. Withdraw the film holder from the magazine and remove the film.