

Mamiya ZE Quartz Timed Automatic Exposure Camera

Shutter mode selector
(Set at "AUTO" for normal operation. For other settings, press lock button and rotate dial.)

Film advance lever

Exposure counter

Shutter release button, with cable release socket

Neck strap eyelet

Self-timer lever

Mirror (Delicate, don't touch!)

"E" lens mounting index

Automatic aperture coupling lever

Alignment index for mounting

White button

Aperture ring

Depth-of-field scale

Hot-shoe/eyepiece cover

Hot-shoe (X-contact)

Film rewind knob with crank
(Pull up to open camera back)

ASA film speed scale

ASA film speed/exposure compensation dial

Exposure compensation scale

Exposure compensation dial lock

"CS" lens mounting index
(also for "P" mount adapter)

Lens release button

Flash X-sync terminal with safety cover

Distance scale

Focusing ring



Viewfinder eyepiece

Shutter curtains
(Delicate, don't touch!)

Film chamber

Battery cartridge

Battery cartridge release

Back cover with
film memo holder

Film take-up spool

Film advance sprocket

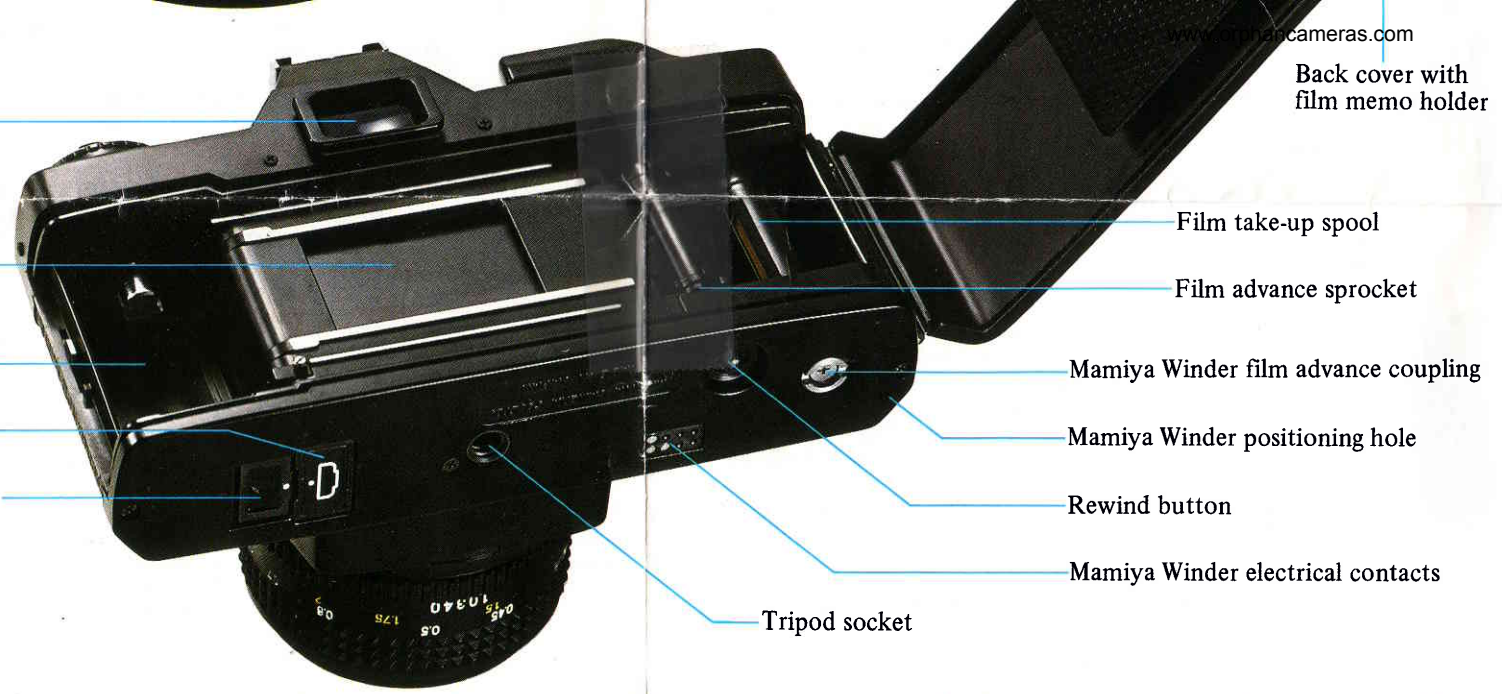
Mamiya Winder film advance coupling

Mamiya Winder positioning hole

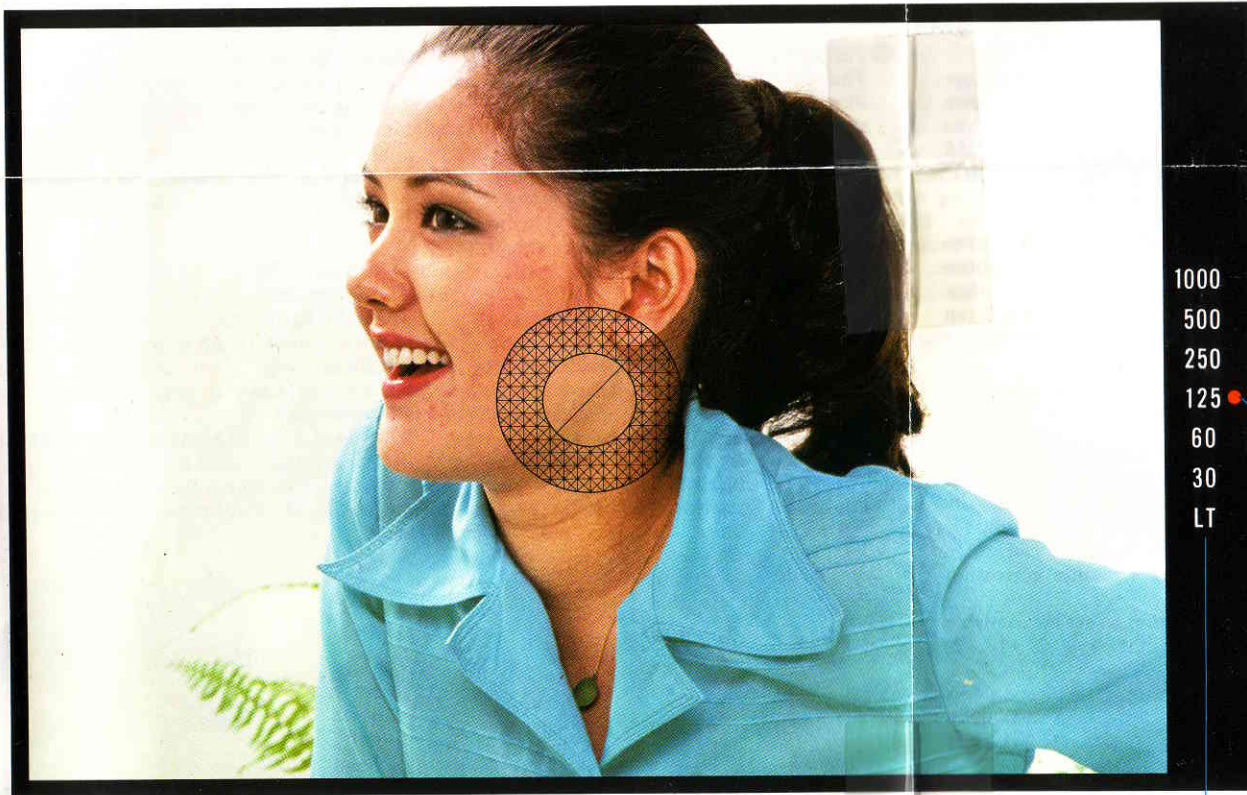
Rewind button

Mamiya Winder electrical contacts

Tripod socket



What You See in the Viewfinder



Shutter-speed scale

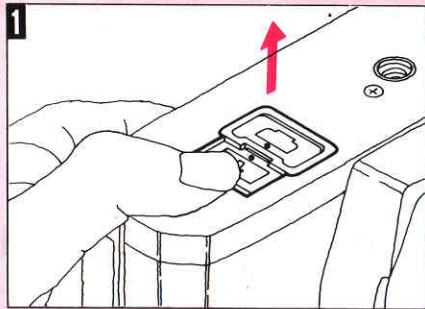
Shutter-speed display LED

When the shutter release button is lightly pressed, an LED lights inside the viewfinder to indicate the correct shutter speed automatically selected by the camera in accordance with the aperture setting.

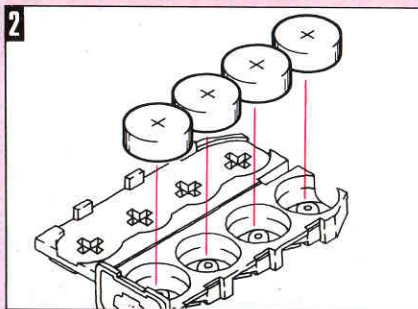
- The 1/1000 LED flashes at the rate of 8 times per second to indicate overexposure. To obtain correct exposure, turn the aperture ring until the LED stops flashing.
- The “LT” LED flashes at the rate of 8 times per second to indicate underexposure. Again, turn the aperture ring until the LED stops flashing. If it does not, use of the Mamiyalite ZE is recommended.
- The “LT” LED also lights to indicate when the shutter speed is set in the range below 1/30 sec. down to 1 sec. To shoot at the slow shutter speeds indicated by the “LT” LED, it is recommended to use either a tripod or the Mamiyalite ZE to prevent blurring.
- Flashing of any of the shutter-speed LEDs at the rate of 4 times per second indicates that the batteries should be replaced.
- As long as the shutter release button is pressed, the LED display continues indicating the same shutter speed after the exposure is completed for easy checking of whether or not exposure was correct.

“LED” stands for Light Emitting Diode.

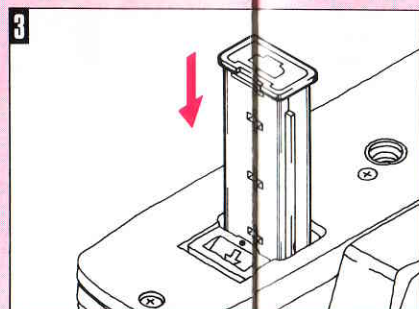
The First Step is Loading the Batteries



1. Pull the battery cartridge release in the direction of the arrow. The cartridge will pop up for easy removal.

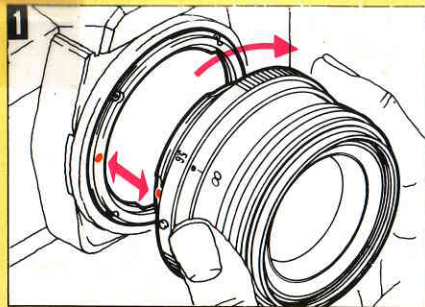


2. Load the four batteries that come with the camera, making sure that plus (+) terminals are facing up.

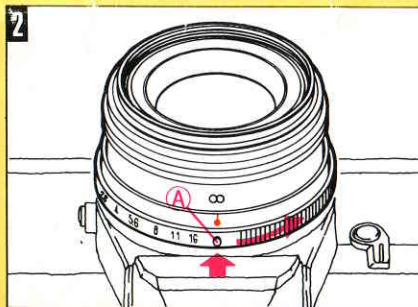


3. Insert the cartridge as shown in the illustration. If inverted, the cartridge will not enter. Then press down until the cartridge locks into place.

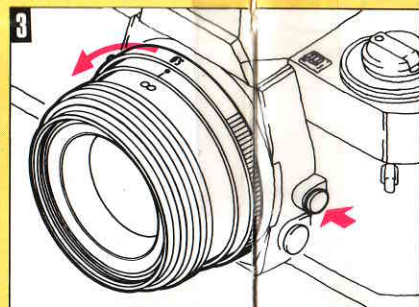
Next Mount the Lens



Match the red dots on the lens and camera body, then rotate the lens in the direction of the arrow until it clicks into position.

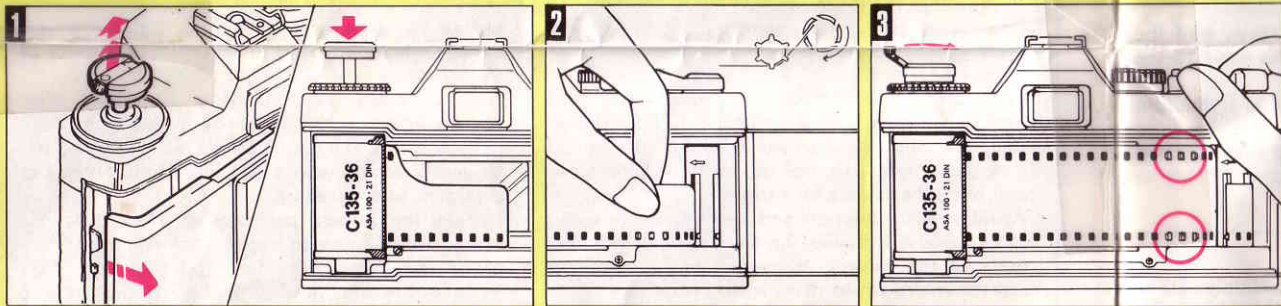


If the white button (A) is set at the central index mark, the aperture ring cannot be turned. In this case, rotate the aperture ring away from the index mark while depressing the white button.



Removing the lens
Press the lens release button and rotate the lens to the left until it stops.

Now Carefully and Surely Load a Roll of Film



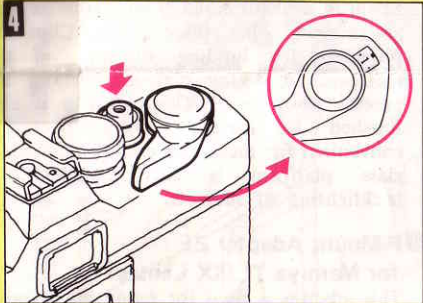
1. Open the back cover of the camera by pulling up on the rewind knob. (Avoid direct sunlight when loading or unloading film. Stand in the shade or cast a shadow with your own body.)

Load a film cartridge into the film chamber of the camera and return the rewind knob to its original position to hold the film in place.

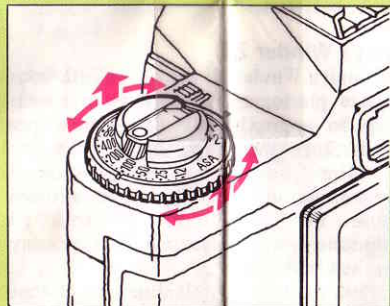
2. Insert the end of the film into the slot of the film take-up spool.

3. First advance the film by operating the film advance lever; then rotate the rewind knob in the direction of the arrow to take the slack out of the film. It is important to make sure that the both the upper and lower teeth of the sprocket are engaged in the perforations of the film.

Don't Forget to Set the Film Speed



4. Close the back cover of the camera and advance the film by alternately operating the film advance lever and releasing the shutter until the numeral "1" appears in the exposure counter. While performing this operation, make sure that the film is advancing properly by checking if the rewind knob rotates when the film advance lever is operated.



Set the film speed of the film being used by lifting up the outer rim of the film speed dial and rotating until the index indicates the correct ASA value on the film speed scale. (Film speed is noted on the film cartridge or film box.)

It is convenient to remove the end of the film box and insert it into the memo holder on the back of the camera.

Intermediate film speeds can be set as follows when necessary.

ASA	25	•	•	50	•	•	100	•	•	200	•	•	400	•	•	800	•	•	1600	•	•	3200	
			32	40			64	80		125	160		250	320		500	640		1000	1250		2000	2500
DIN	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	