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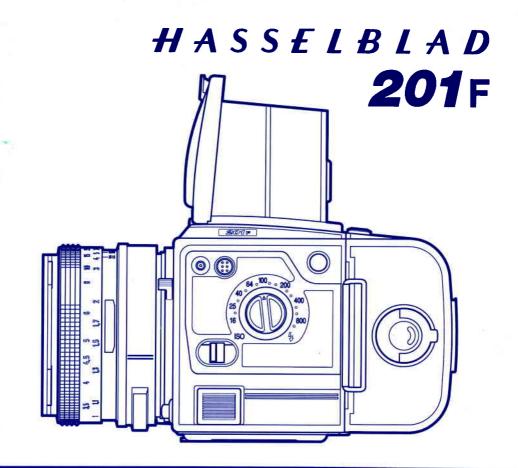
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INSTRUCTION MANUAL

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Service and Maintenance

Although Hasselblad products are exceptionally reliable and durable, continuous and extensive professional use will require maintenance and overhaul at regular intervals at an authorized Hasselblad Service Center. Read more about maintenance and service on page 49!

Warranty

Provided that you purchased your equipment from an authorized Hasselblad dealer or distributor it is covered by an international warranty for one year from the date of delivery. Read more about the warranty on page 49!

Hasselblad 201F – Fast and Flexible

The Hasselblad 201F gives you access to the entire Hasselblad system of interchangeable photographic equipment, the world's major medium format camera system: The full range of highest quality lenses with focal lengths from 30mm to 500mm – and double that with the 2x converter; viewfinders with different angles of view, with or without light metering system; a number of focusing screens for all kinds of applications; film magazines for different film types and image formats and a host of other accessories.

The 1/1000s focal plane shutter lets you use the powerful FE-type* lenses, but it also has a setting for the CF-type lenses, which have a built-in leaf shutter for full flash synchronization at all speeds up to 1/500s.

And above all the Hasselblad 201F also provides a built-in TTL/OTF dedicated flash sensor system. If you are using the Hasselblad Proflash 4504 you simply connect it to the camera, enter the film speed with the film speed dial, point and shoot. Other dedicated flash units will require an adapter, such as the Hasselblad SCA 390 or SCA 590 adapters, also available within the Hasselblad system, between the flash and the 201F.

The Hasselblad system, that has been taken to the ends of the earth and beyond – into deep space, carries the name of the man who first envisioned it to satisfy his own exacting standards and diverse requirements: Dr. Victor Hasselblad, himself an accomplished photographer.

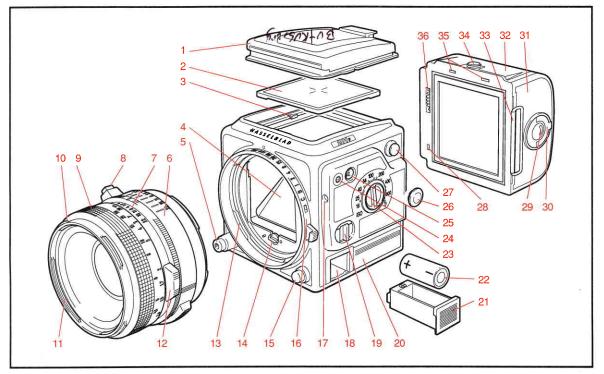
Being a photographer first and businessman second he would never sacrifice quality for ease of production. To this day Hasselblad products are painstakingly crafted with this principle in mind, forming a range of equipment for maximum of flexibility and optimum of photography in any application.

Lenses

Since the early 1950's Hasselblad lenses – with few exceptions only – have been manufactured to the highest quality requirements by Carl Zeiss in Germany. All Hasselblad lenses manufactured since 1957 can be used with the 201F.

This Instruction Manual describes in detail how to operate the Hasselblad 201F. Read it carefully to avoid mistakes and to get access to the Hasselblad potential. Exploiting that potential is limited by your own imagination only!

*) Former designation: F/TCC



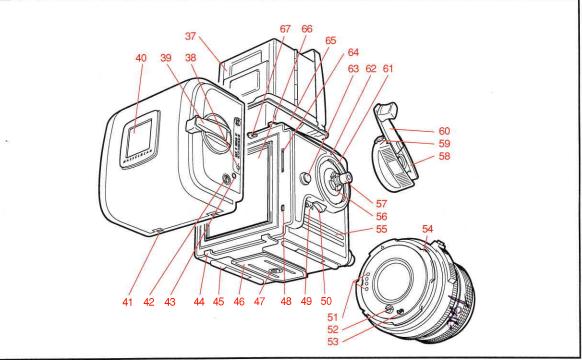
201F Parts and Components

- 1 Focusing hood
- 2 Acute-Matte* focusing screen
- 3 Focusing screen catch
- 4 Viewfinder mirror
- 5 Shutter release button
- 6 Aperture ring
- 7 Depth-of-field scale
- 8 Shutter/aperture interlock button
- 9 Focusing ring
- 10 Lens front bayonet, exterior
- 11 Lens front bayonet, interior
- 12 Depth-of-field preview knob

- 13 Lens mount
- 14 Drive shaft
- 15 Lens catch button
- 16 Shutter speed ring
- 17 Selftimer indicator light
- 18 Battery compartment
- 19 Shutter speed ring lock
- 20 Grip cushion
- 21 Battery cassette
- 22 Battery
- 23 Film speed selector dial
- 24 PC flash socket

- 25 TTL Dedicated flash connector
- 26 TTL flash connector cover
- 27 Strap lug
- 28 Indicator trigger slot
- 29 Film load indicator
- 30 Film holder key
- 31 Film holder
- 32 Film magazine
- 33 Magazine slide
- 34 Film magazine catch
- 35 Magazine hook slot
- 36 Magazine gear

* Acute-Matte designed by MINOLTA

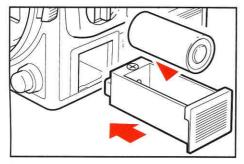


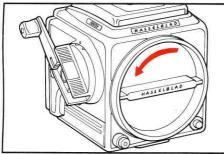
- 37 Focusing hood
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- 39 Film winding crank
- 40 Film tab holder
- 41 Magazine support slot
- 42 Frame counter
- 43 Magazine status indicator
- 44 Magazine support
- 45 Camera support
- 46 Quick coupling slide
- 47 Tripod thread 1/4"

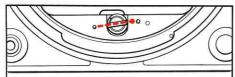
- 48 Magazine indicator trigger 49 Selftimer indication 50 Mirror release/selftimer button 51 TCC connectors 52 Lens drive shaft 53 Lens drive shaft catch
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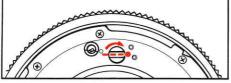
59 Winding crank catch 60 Winding crank 61 Winder bayonet mount 62 Winding crank index 63 Strap lug 64 Magazine driving gear 65 Magnifier 66 Shutter curtain 67 Magazine hooks

NOTE: The positions of components are described in the text in relation to the camera as you see it when taking a photograph, i.e. the lens is on the front, the viewfinder is on the top, the winding crank is on the right hand side, and the control panel is on the left hand side.









Getting Started

This section describes how you prepare your Hasselblad 201F for use. You will find comprehensive detail information how to operate the camera in the section starting on page 16. Follow the instructions step by step to avoid jamming or damaging the equipment. Always keep the rear protective cover on to protect the shutter curtain when the magazine is detached!

Battery

The battery compartment and cassette is located in the lower forward corner on the left hand side of the camera body. Pull out the cassette and install the battery – 6V type PX28 (UCAR 537) – according to the marking on the cassette. Push the cassette all the way back into the compartment.

Cocking the Camera

Cock the camera after installing the battery. Fold out the winding crank on the right hand side, press the button in the center of the crank and rotate it clockwise one turn until it locks (Cf. page 16, Double exposure).

Front Protective Cover

The front protective cover is attached to a bayonet mount. Rotate it as indicated by the arrow in the illustration and lift it out of the mount.

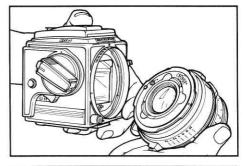
Attaching the Lens

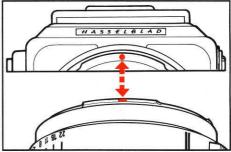
Remove the lens' rear protective cover by rotating it clockwise and lifting it off the lens. Check that both the camera and the lens are

6 Getting started

cocked. The lower illustration on page 6 shows the proper position of the drive shafts against the index marks for the camera drive shaft (top) and the lens drive shaft (bottom). You will find that holding the camera body in your left hand and the lens in your right hand as shown in the illustration is the easiest way to attach the lens.

When you have aligned the red index on the lens bayonet with that on the camera body as shown in the illustration, the lens will fit easily into the bayonet mount. You can then rotate it clockwise until it stops with a faint click as the lens catch locks it in place.

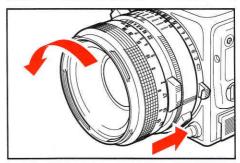


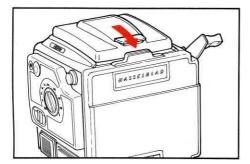


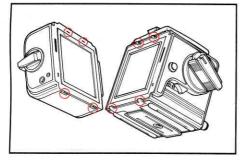
Removing the Lens

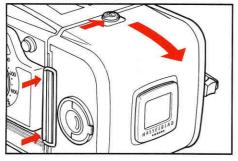
Depress the lens catch button, rotate the lens counter-clockwise and lift it out of the bayonet mount.

NOTE: You can only attach and remove the lens when the camera is cocked (fully wound) and not in pre-released mode (see page 16).









Rear Protective Cover

Depress the catch, tilt the cover backwards and lift it off.

Always attach the rear protective cover to protect the shutter curtain when you detach the magazine!

Attaching the Magazine

Ensure that the magazine slide is fully inserted and that the magazine status indicator is white. If the indicator is red, then follow the instructions on page 9. Rest the magazine on the magazine supports with the support lugs properly engaging the recesses in the magazine bottom. Carefully swing the magazine towards the camera body, checking that the magazine hooks fit into the slots in the magazine. Push the magazine gently but firmly against the hooks while sliding the magazine catch to the right.

Release the button when the magazine makes contact with the camera body and then push the button to the left to ensure that it has reached the locked position. Remove the slide to positively lock the magazine to the camera body.

8 Getting started

Removing the Magazine

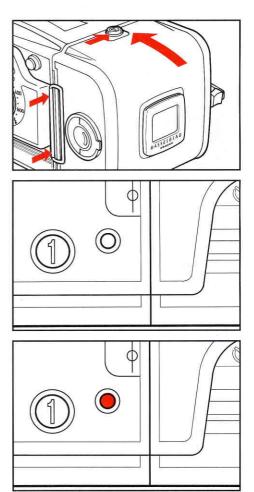
It is advisable to have the camera fully wound and the magazine status indicator showing white. If the indicator shows red, then follow the instructions below.

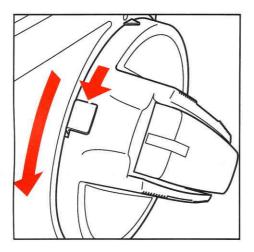
Insert the magazine slide fully and with the hinge towards the front of the camera. Slide the magazine catch to the right, tilt the magazine back and lift it off the supports.

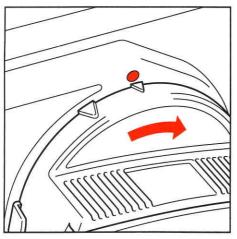
NOTE: The magazine cannot be removed without inserting the magazine slide. The camera cannot be operated when a magazine with the slide inserted is attached to the camera.

The Magazine Status Indicator

The status indicator on the right hand side of the magazine shows **white** when the magazine is ready to operate and **red** when the film has not been advanced after the exposure. Do not attach a magazine showing white to a camera that is not rewound! Wind the camera first or you will lose one frame. Do not attach a magazine showing red to a fully wound camera! That could result in a double exposure. If the status indicator shows red, release the camera (page 15) before attaching the magazine. Then, winding the camera advances the film one frame.







The Winding Crank

One full revolution of the winding crank cocks the camera and lens mechanisms and advances the film to the next frame.

Underneath the crank are the drive shaft and the bayonet mount for the Hasselblad Winder (page 41), which can be attached after removing the crank. It is recommended that the camera is fully wound when the crank is removed or replaced.

Removing the Winding Crank

To remove the crank, push the catch lever on the rear of the crank hub downwards while rotating the crank counter-clockwise. Then pull it straight out from the shaft.

Attaching the Winding Crank

On the side of the crank hub are one large and one small triangular index mark. Attach the crank to the shaft with the smaller mark aligned with the red dot located immediately above the mount.

While pushing the crank against the camera body rotate it clockwise until the larger mark is aligned with the red dot.

10 Getting started

Strap and Strap Lugs

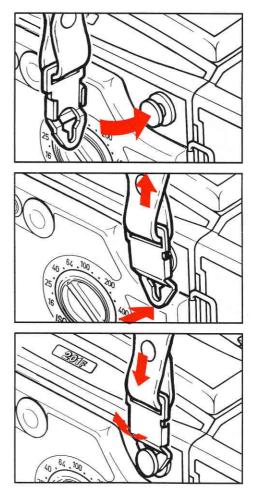
The 201F is delivered with a medium wide shoulder strap, which is packed separately. You will find other types of straps in the Hasselblad Product Catalog. All straps have special clips for easy attaching them to and removing them from the camera body.

Attaching the Strap

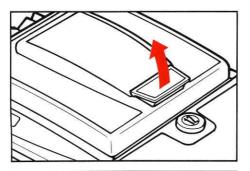
Place the main body of the strap clip over the strap lug on the camera (see figure). Press the tip of the clip towards the camera while pulling the strap to slide the clip over the lug to the locked position.

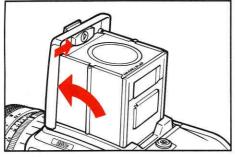
Removing the strap

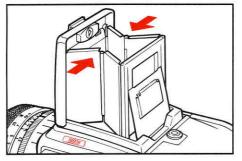
Lift the locking plate of the clip high enough to let it pass over the top of the lug. Push the clip in the direction opposite to the strap to slide it off the lug.



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Focusing Hood and Magnifier

Opening the Focusing Hood

Lift the lid with a firm grip on the tab at its rear edge and swing it up to a vertical position. The hood unfolds automatically and locks in open position.

The Built-in Magnifier

Use the built-in $4.5 \times$ magnifier to enlarge the viewfinder image, e.g. for more accurate focusing. To unfold it, push the oval catch inside the lid to the right, as indicated in the illustration.

To fold the magnifier down, simply push it back towards the lid until it locks.

The magnifier can easily be exchanged for one with a suitable correction lens to match your individual eyesight (see page 22).

Closing the Focusing Hood

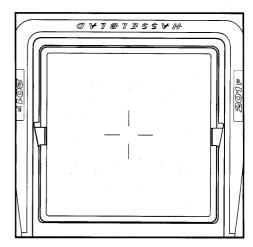
"Pinch" the side plates at the hinge points and fold the hood back down.

12 Getting started

Focusing Screen and Viewfinder Image

The Hasselblad 201F is equipped with the Acute-Matte focusing screen featuring superior brightness and the highest resolution among the Hasselblad focusing screens. The center of the screen is indicated by a hairline cross.

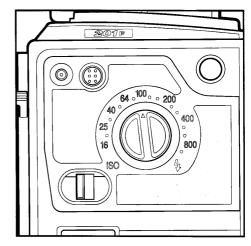
See page 23 on how to change the focusing screen.

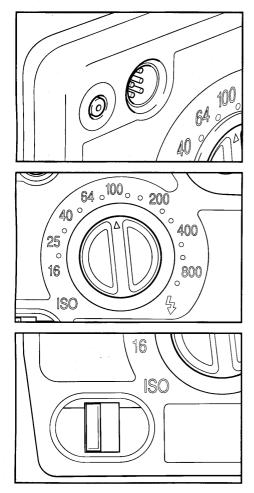


The Control Panel

The control panel occupies a major part of the left hand side of the camera body. It includes the controls for certain functions of the 201F, such as:

> The Flash Connectors The Film Speed Selector Dial The Shutter Speed Ring Lock The Selftimer Indicator Light





Flash Connectors

The flash connectors are located in the upper forward corner of the control panel. The smaller one is a standard PC-socket and the larger one with a protective cover is a 6-pin TTL connector for dedicated flash units.

The PC-socket

Non-dedicated flash units and certain adapters should be connected to this socket.

The TTL Connector

A dedicated flash unit connected to this 6-pin outlet directly or through a suitable adapter will be fully controlled by the flash control circuit in the camera.

You will find further information on flash photography on pages 33-37, 38, 51-53, 55.

The Film Speed Selector Dial

Use the film speed selector dial to set the actual film speed for the dedicated flash control function.

The Shutter Speed Ring Lock

Push the locking button forwards to lock the shutter speed ring at any marked or intermediate click stop setting. Pull it backwards to release the ring for a change of setting.

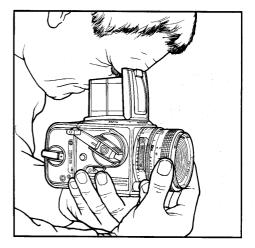
Left Hand Grip

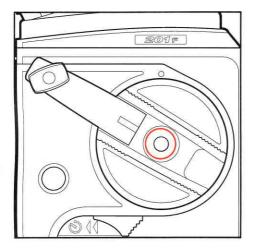
Holding the 201F in your left hand, as shown in the illustration, is the most convenient grip. You can reach the exposure release button with your index finger and the shutter speed ring lock with your thumb. Your right hand is free for focusing, setting the aperture, operating the crank or for changing lens or magazine.

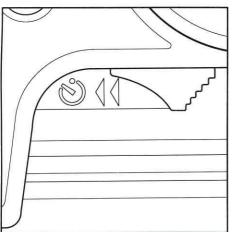
Focusing and Exposure Release

Turn the focusing ring (page 28) until the image of the subject appears sharp in the viewfinder. Depress the exposure release button to release the shutter.

After releasing the exposure button you can rotate the winding crank one full turn until it locks to rewind the camera, cock the shutter and advance the film one frame.







Operating Details The Right Hand Side

On the right hand side of the camera body are the winding crank (see page 10) and the combined pre-release and selftimer button.

Double Exposure

You can make double (or multiple) exposures by rewinding the camera without advancing the film. This is possible by depressing the double exposure button in the center of the crank hub and slightly turning the crank clockwise at the same time. You can then release the button and complete the winding until the crank locks.

Mirror and Mechanism Pre-release

The viewfinder mirror shows the entire image without vignetting. By pre-releasing certain camera functions and lifting up the mirror you can avoid camera vibrations, reduce the sound level and shorten the time delay between the exposure button actuation and the exposure. This is done by pressing the pre-release button once. To reset the mechanism and lower the mirror again you simply perform the operation for a double exposure as described above.

16 The Right Hand Side

The Selftimer

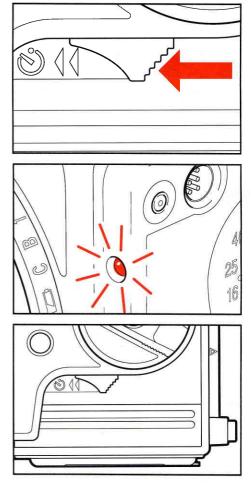
Pressing the pre-release button a second time starts the selftimer function. This is indicated by a flashing red light on the camera body to the left of the lens mount. The standard selftimer delay is 10 s.

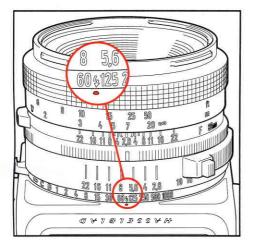
Pressing the selftimer button a third time reduces the selftimer delay to 2 s, which is very useful to avoid blur due to camera vibrations, especially at slow shutter speeds. At the beginning the light flashes twice per second, but when two seconds remain of the delay time or after the third pressing of the button it increases to four times per second and changes to a continuous light the last half second. You can interrupt the selftimer function at any time by pressing the prerelease button a fourth time or by a "blind" rewind as for a double exposure.

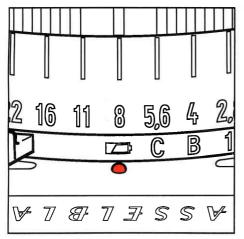
The selftimer function is inoperative when the shutter speed ring is set in positions \mathbf{B} or \mathbf{C} (page 18).

The Grip Cushion

A rubber cushion along the lower edge of the right hand side provides a safe and comfortable grip.







The Front

The Shutter Speed Ring

The shutter speed ring controlling the focal plane shutter in the 201F has click stop settings with marked speeds from 1 s to 1/1000 s as well as **B**, **C**, and a battery check symbol. Between the marked settings are click stops for intermediate speeds. One of these settings is marked with a flash symbol for 1/90 s, which is the fastest shutter speed for electronic flash synchronisation with the focal plane shutter (page 20). The setting marked **C** is used together with CF and C lenses only (Appendix A, pages 48-55).

NOTE: If you require a shutter speed slower than 1 s you have to set the speed ring at **B** and measure the exposure time yourself.

Battery Check

The battery check is actuated by turning the shutter speed ring beyond the C to the spring-loaded non-locking end position at the battery symbol. An acceptable battery power level is then indicated in the viewfinder by the same red light as for the flash indications (page 36). The light remains on as long as the shutter speed ring is kept in the check position. Conserve battery power by avoiding excessive use of the battery check function.

If the indicator light already is on to indicate a connected dedicated flash, the light intensity increases when the battery check function is activated.

18 The Front

Exposure Release Button

The exposure release button is located in the lower right hand corner of the front, within comfortable reach of the left hand index finger when the "left hand grip" is applied (page 15). Depressing the button triggers the exposure cycle:

- 1. The mirror folds up and darkens the view-finder.
- 2. The lens diaphragm closes down to the preselected f-stop.
- 3. The shutter curtains travel across the image opening in the rear of the camera body to expose the film.
- 4. The mirror folds down again to restore the viewfinder image.
- 5. The rewind crank is released.

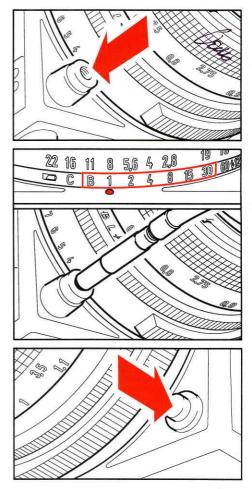
NOTE: The exposure button is locked when the magazine slide is in the magazine.

Cable Release

When using shutter speeds slower than 1/30 s you are recommended to mount the camera on a tripod and use a cable release, attached to the threaded mount in the center of the exposure release button. The cable release and the exposure button have identical functions.

Lens Catch

In the lower left hand corner of the front is the lens catch button. To remove the lens you have to keep the button depressed while rotating the lens clockwise as seen from behind.



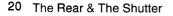
The Rear of the Camera and the Focal Plane Shutter

Avoid leaving the rear of the camera and the shutter curtains unprotected! Attach the rear protective cover whenever the magazine is detached!

The opening in the rear of the camera is normally covered by the shutter curtain. The 201F has a mechanically powered but electronically controlled focal plane shutter with two textile curtains running from left to right across the opening. The running time for the curtains is 1/90 s, i.e. at that and all slower speeds the entire image area is open during the exposure.

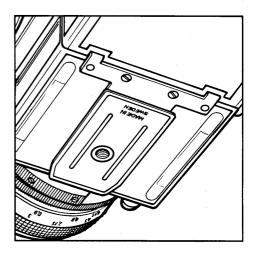
Caution: Whether the shutter is cocked or released, one of the shutter curtains is always exposed in the opening. When the rear of the camera is not covered by a magazine or a protective cover great care should be taken when handling it. The curtains are very sensitive to damage. **Do not touch the curtains!**

To the right of the shutter opening are the magazine driving gear and the trigger for the magazine status indicator (page 9). At the bottom edge of the rear of the camera are the magazine supports and close to the top are the magazine hooks – the means serving to hold the magazine to the camera body (page 8).



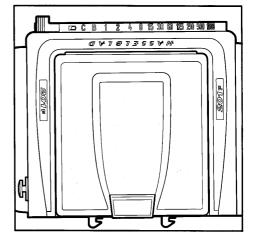
The Bottom

At the bottom of the camera are the quick coupling plate, the tripod thread and two ridges, supporting the camera when placed on a flat surface. The quick coupling plate fits the Hasselblad accessories, such as the tripod quick coupling and the flash bracket. The tripod thread is 1/4" and accepts the retaining screws of the flash rail and the flash bracket.

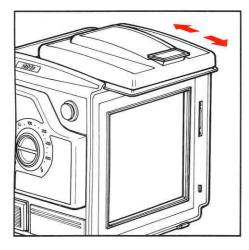


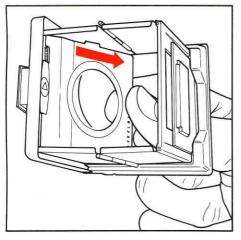
The Top

The entire top of the camera is covered by the viewing components (page 12). The camera body is supplied with the collapsible focusing hood, which also serves as a protective cover for the focusing screen.



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The Viewfinder System Changing Focusing Hood or Viewfinder

To remove the focusing hood for the purpose of attaching any other viewfinder in the Hasselblad system, detach the magazine (or the rear protective cover). Fold down the focusing hood to protect it from damage and remove it by sliding it to the rear in its guide slots. Slide the replacement viewfinder into the slots and push it forward until it stops. When fully inserted the viewfinder is retained in position by a spring-loaded ball latch until you have reattached the magazine or protective cover.

Changing the Magnifier

The standard magnifier normally provides a comfortable viewing of the focusing screen for most users. If necessary, however, he standard magnifier plate with lens can be changed for a plate with a correction lens to compensate for individual eyesight.

Correction lenses are available with powers ranging from + 3 to - 4 dioptres.

Change the magnifier as follows:

- 1. Remove the focusing hood from the camera body and open it by lifting the lid.
- Release the magnifier by pushing the catch to the left. Push the magnifier halfway down, seize the lens plate from underneath and pull it out of the holder.
- 3. Keep the plate holder halfway down and insert the replacement lens plate with the printed side up. Fold the hood down and put it back on the camera.

22 The Viewfinder System

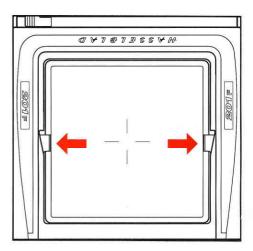
Changing the Focusing Screen

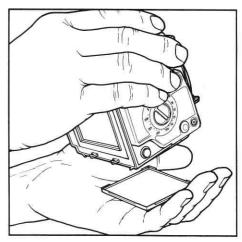
Your 201F is equipped with the exceptionally bright and sharp Acute-Matte focusing screen.

If you wish to replace the focusing screen with any of the other focusing screens in the Hasselblad System simply follow the procedure below:

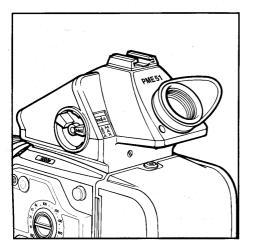
- 1. Detach the magazine and the viewfinder.
- 2. Push the two screen latches to the side into their recesses.
- 3. Place your hand over the screen and invert the camera. The screen will now drop into your hand.
- 4. Insert the replacement screen with the smooth side up and the sharp-edged corners down. Ensure that all four corners of the screen are positively seated on their supports. You need not return the screen latches. This is done automatically when the viewfinder is replaced.

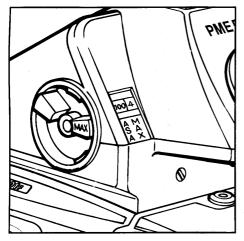
NOTE: Should the screen refuse to drop out by itself, ensure that the camera is fully wound, remove the lens and check that the mirror is in the down position. Put a finger through the lens mount and push gently at the screen from underneath, preferably with a soft cloth between the finger and the screen.





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Hasselblad Meter Prism Viewfinder Adjustments

The Hasselblad Meter Prism Viewfinders meter the light level on the focusing screen. They are calibrated at the factory to give an accurate reading with one particular type of screen. If that focusing screen is replaced with another type which gives a different light level under the same ambient conditions, the meter has to be adjusted to compensate for the difference.

The PME, PME3, PME5 and PME51 are basically the same design but are differently adjusted from the factory. The PME3, PME5 and PME51 are adjusted to the brighter Acute-Matte screen in the 201F camera while the previous PME is adjusted to the lower light level of the Ground-glass screen (Cat. No. 42161) and other comparable screens, such as Split image (42188), Microprism & split image (42218), or Grid & microprism (42250). The Plain glass screen (42200) is not suitable for TTL metering.

The the viewfinder types are identified by the marks PME 3, PME 5 or PME 51 respectively on the rear of the viewfinder body above the eyepiece.

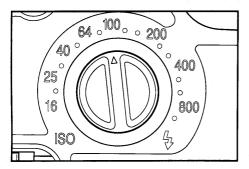
The PME has no marking.

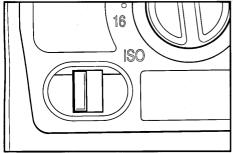
The recommended procedures of compensation for alternative usage of the meter viewfinders are shown in the charts on the opposite page. A. Acute-Matte focusing screen combined with:

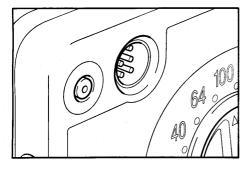
Viewfinder model	Action required to obtain a correct EV
PME3/PME5/PME51	No action required
PME	 REDUCE the ASA/ISO setting to half the film speed value as indicated on the film package or INCREASE the MAX lens aperture setting one full step or REDUCE the EV reading one full step when setting it on the lens' EV scale

B. Ground-glass or similar focusing screen combined with:

Viewfinder model	Action required to obtain a correct EV
PME3/PME5/PME51	INCREASE the ASA/ISO setting to twice the film speed value as indicated on the film package
	or REDUCE the MAX lens aperture setting one full step or INCREASE the EV reading one full step when setting it on
PME	the lens' EV scale No action required







26 The Left Hand Side

The Left Hand Side

The Film Speed Selector Dial

The film speed selector dial is effective in connection with dedicated flash photography only. See the chapter "Flash Photography" (pages 35-39) for detail information.

The Shutter Speed Ring Lock

Slide the lock button forwards to lock the shutter speed ring at any full or intermediate speed setting including B and C. In the locked position a red warning flag is exposed next to the button. Unlock the shutter speed ring by sliding the button rearwards.

The Flash Connectors

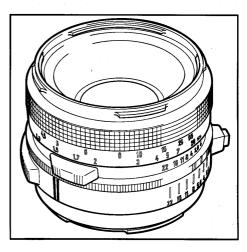
The larger six-pin TTL-connector provides automatic control of dedicated flash units. The Hasselblad Proflash 4504 can be connected directly to the 201F but other dedicated flash units may require a suitable adapter, such as the Hasselblad SCAadapter 390 or 590, between the unit and the camera. The smaller connector is a common PC-socket for any kind of flash unit. You can find further instructions on flash photography with the 201F on pages 35-39.

Lenses

The Hasselblad lenses manufactured since 1957 can be separated in two major groups, each with two subgroups:

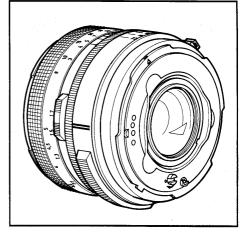
- 1. Lenses with a built-in leaf shutter: C lenses (discontinued) CF lenses
- 2. Lenses without shutter: F lenses (discontinued) FE (formerly F/TCC) lenses

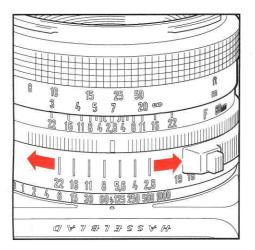
All these lenses can be used on the 201F, but the F and FE lenses are exclusively designed for use on focal plane shutter cameras such as the 201F.



FE Lenses

The Hasselblad FE lenses, which have no built-in shutter, can easily be identified by their system sign: the twin blue lines on the left hand side of the aperture ring. Another sign, visible only when the lens is detached from the camera body, are the four contact pins in the bayonet plate at the rear of the lens. They are used for the data transmission between the lens electronics and the electronic system in the 205TCC camera body. The contact surfaces of these pins are sensitive to contamination and should not be touched with your fingers. Attach the protective cover after removing the lens from the camera and never set the lens down on the unprotected bayonet plate!

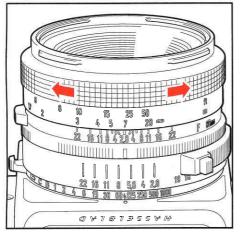




FE Lens Functions

Setting the Aperture

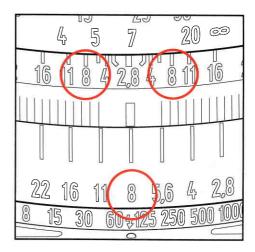
The aperture ring is the one closest to the shutter speed ring on the camera body. Use it to preset the selected f-stop. The full f-stops marked on the ring have click stops, but there are also click stops for each intermediate half f-stop. The preset aperture value can be read against the heavy index line on the grooved ring in front of the aperture ring. The aperture ring has two grooved grips for handling convenience. One of these grips has a push-button which is used to interlock the aperture ring and the shutter speed ring on the 201F to retain the EV-value (see page 31).



Focusing and Depth-of-field

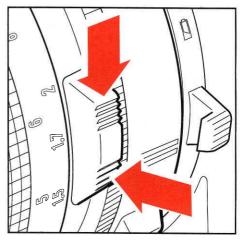
The focusing ring is the rotating ring with a knurled rubber grip closest to the front of the lens. It has two scales for the focusing distance – the white meter scale and the orange inch/foot scale. Rotate the focusing ring until the image of your subject is absolutely sharp on the focusing screen.

The depth-of-field scale repeats the aperture values on both sides of the heavier index line between ring with the index line and the focusing ring. When the image is focused on the screen you can read the focusing distance opposite the index line in the depthof-field scale. The depth-of-field limits can be read opposite the left and right values corresponding to the preset aperture value. The illustration depicts the depth-of-field for the preset aperture value of 8.

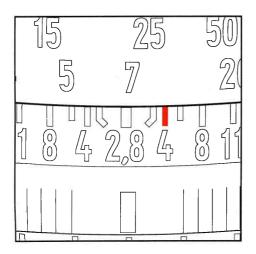


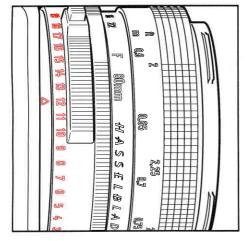
Depth-of-field Preview

The lens is normally opened to the largest aperture to provide the brightest possible viewfinder image with the most shallow depth-of-field. You can stop down the lens diaphragm to the preset aperture by pushing down the depth-of-field preview knob until it locks. To reopen it depress the lower end of the knob.



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Infrared (IR) Photography

Infrared light with wavelengths beyond 800 nm are refracted by the lens to an image plane further away from the lens than the image plane for visible light. When photographing with IR light you have to compensate for this difference by setting the focusing distance opposite the red IR index to the right of the common index line. Follow this procedure:

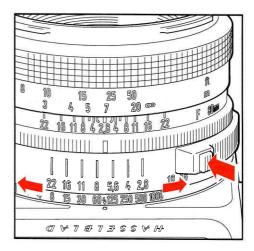
- 1. Focus as usual on the focusing screen.
- 2. Mark or memorize the distance on the focusing scale opposite the common index line.
- 3. Rotate the focusing ring to set this distance opposite the IR index.

Exposure Value (EV)

The orange scale on the right hand side indicates the exposure value for the set aperture/shutter speed combination. You read the value opposite the orange triangular index on the shutter speed ring. Use the scale to set the exposure as it can be red from exposure meters such as the PME51.

Interlocked shutter speed/aperture

If you want to change the shutter speed or the aperture without changing the EV you can interlock the shutter speed and aperture setting rings by holding down the grooved interlock button in the grip to the right of the aperture scale. When rotated the rings move together to the required speed or f-stop setting.



Other Hasselblad Lenses

How to use other Hasselblad lenses on your 201F is described on pages 40 and in Appendix A.



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