

Zoom position (mm)		24	28	35	50	70	80
Normal flash		25 (83)	27 (90)	30 (100)	35 (116)	40 (133)	42 (140)
Rapid-fire flash		1/2 to 1/16 of that for normal flash					
Manual flash	1/1	25 (83)	27 (90)	30 (100)	35 (116)	40 (133)	42 (140)
	1/2	17.7 (59)	19.1 (63)	21.2 (70)	24.7 (82)	28.3 (94)	29.7 (99)
	1/4	12.5 (41)	13.5 (45)	15 (50)	17.5 (58)	20 (66)	21 (70)
	1/8	8.8 (29)	9.5 (31)	10.6 (35)	12.4 (41)	14.1 (47)	14.8 (49)
	1/16	6.3 (21)	6.8 (22)	7.5 (25)	8.8 (29)	10 (33)	10.5 (35)
	1/32	4.4 (14)	4.8 (16)	5.3 (17)	6.2 (20)	7.1 (23)	7.4 (24)

	EOS 620	Setting
P	1/60-1/250 sec	Automatic
TV	30-1/250 sec	Manual
Av	30-1/250 sec	Automatic
M	30-1/250 sec	Manual

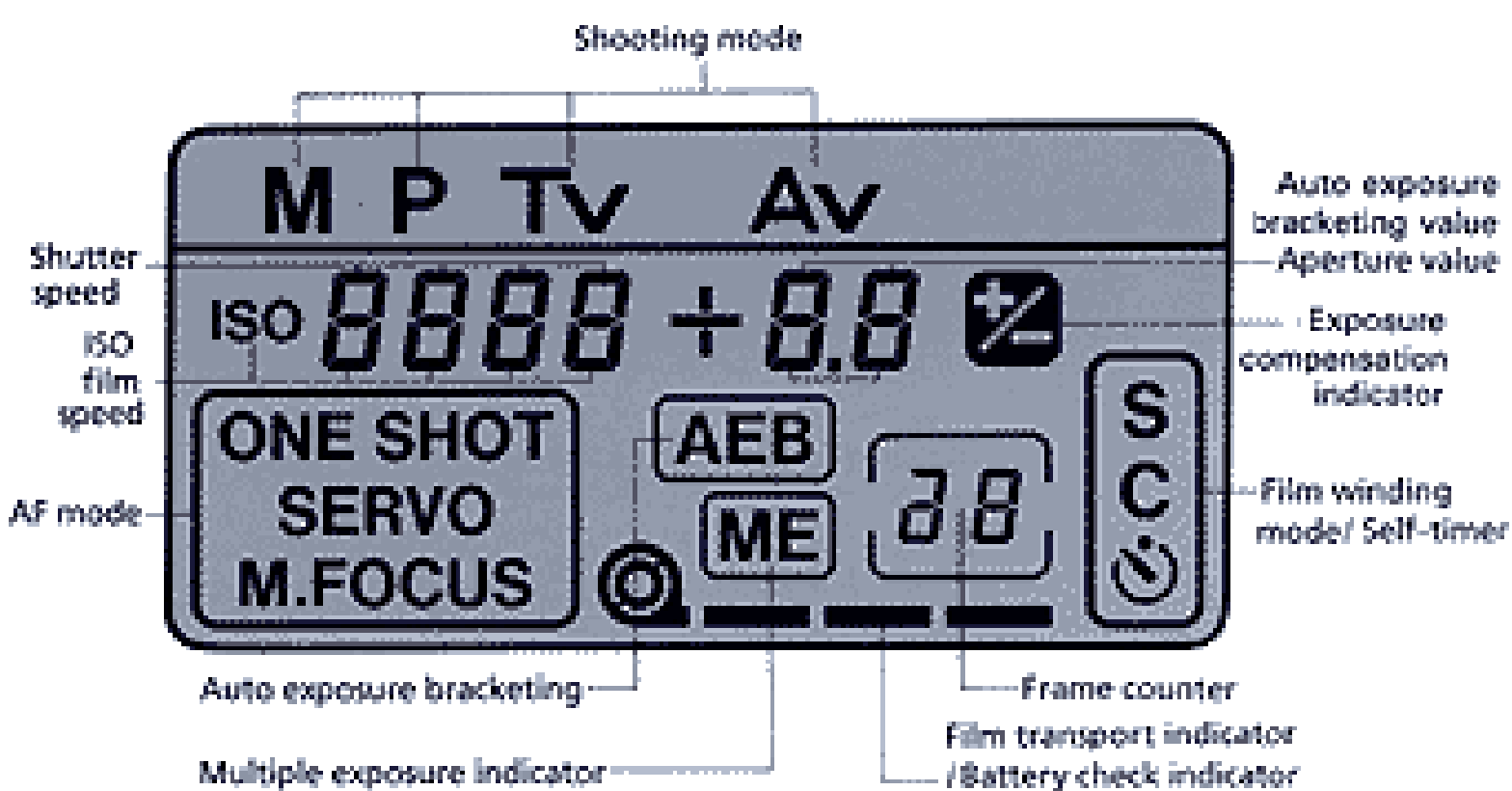
A-TTL normal flash	approx. 0.7 to 21 m (2.3 to 68.8 ft.)
A-TTL rapid-fire flash (min.)	approx. 0.7 to 5 m (2.3 to 16.4 ft.)
A-TTL rapid-fire flash (max.)	approx. 0.7 to 16 m (2.3 to 52.4 ft.)

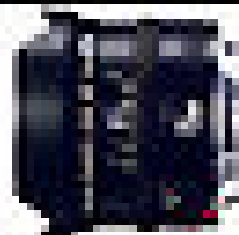
Zoom position (mm)	28	35	50	70
Normal flash	22 (73)	25 (83)	28 (93)	30 (100)
Rapid-fire flash	5.5-15.5 (18-51)	6.2-17.7 (20-59)	7-19.8 (23-66)	7.5-21.2 (25-70)

	Alkaline	Ni-Cd
Normal flash	approx. 0.3 to 8 secs	approx. 0.3 to 6 secs
Rapid-fire flash	approx. 0.3 to 1 sec	approx. 0.3 to 1 sec

	EOS 620	Setting
P	1/60-1/250 sec	Automatic
TV	30-1/250 sec	Manual
Av	30-1/250 sec	Automatic
M	30-1/250 sec	Manual

A-TTL normal flash	approx. 0.7 to 17 m (approx. 2.3 to 55.8 ft.)
A-TTL rapid-fire flash (min.)	approx. 0.7 to 3.9 m (approx. 2.3 to 12.8 ft.)
A-TTL rapid-fire flash (max.)	approx. 0.7 to 12 m (approx. 2.3 to 39.4 ft.)





Portrait of Canon EF 50mm f/1.8



Portrait of Canon EF 50mm f/1.8



Portrait of Canon EF 50mm f/1.8



Portrait of Canon EF 50mm f/1.8



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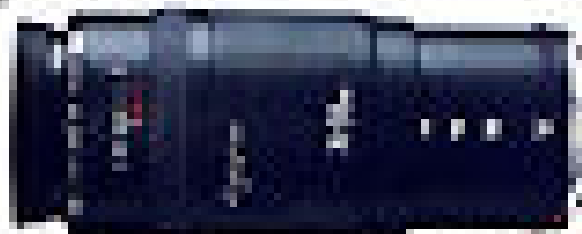
Portrait of Canon EF 50mm f/1.8



Portrait of Canon EF 50mm f/1.8



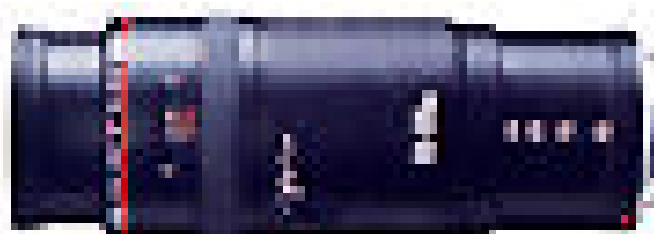
Portrait of Canon EF 50mm f/1.8



Portrait of Canon EF 50mm f/1.8



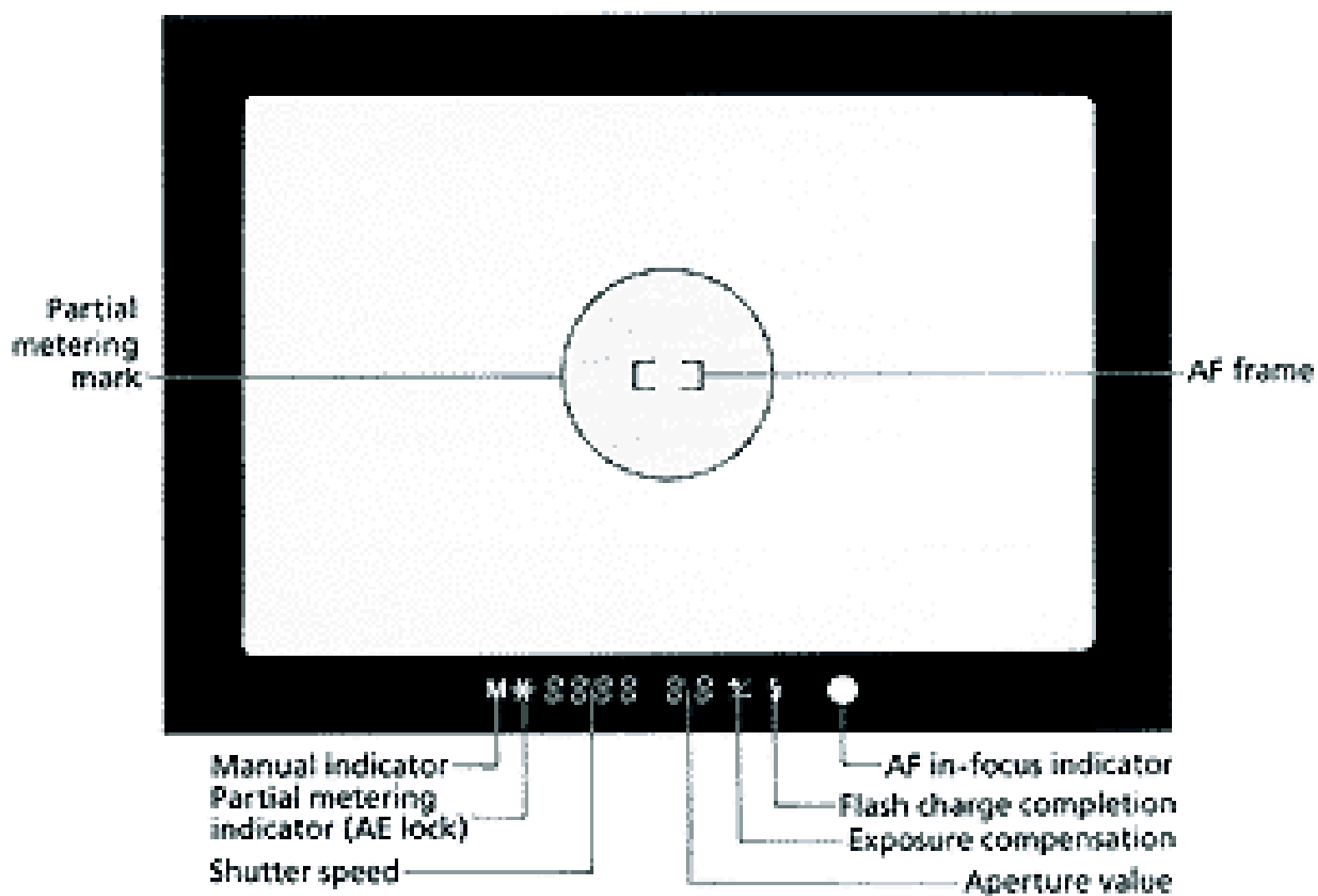
Portrait of Canon EF 50mm f/1.8



Portrait of Canon EF 50mm f/1.8



Portrait of Canon EF 50mm f/1.8









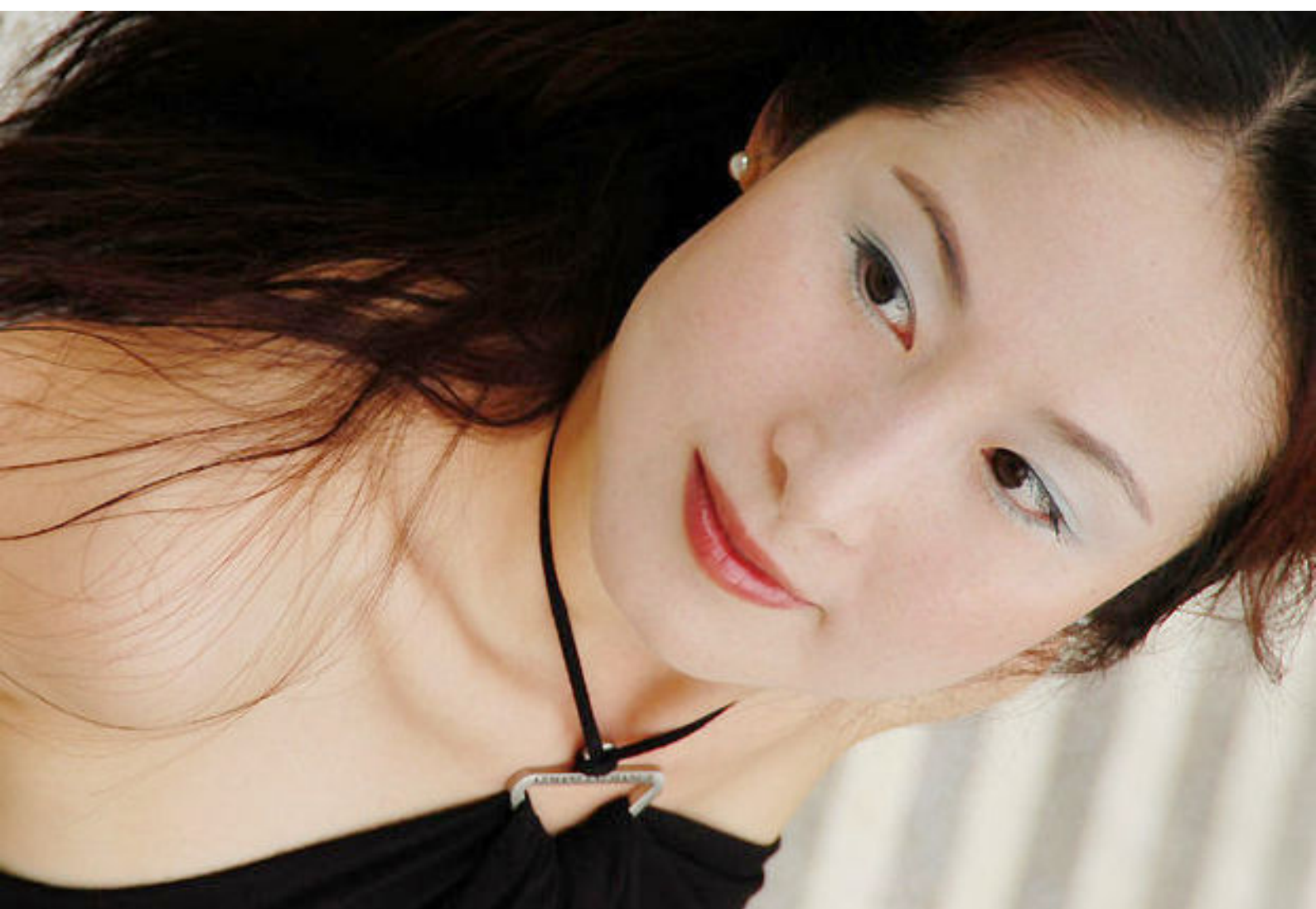














































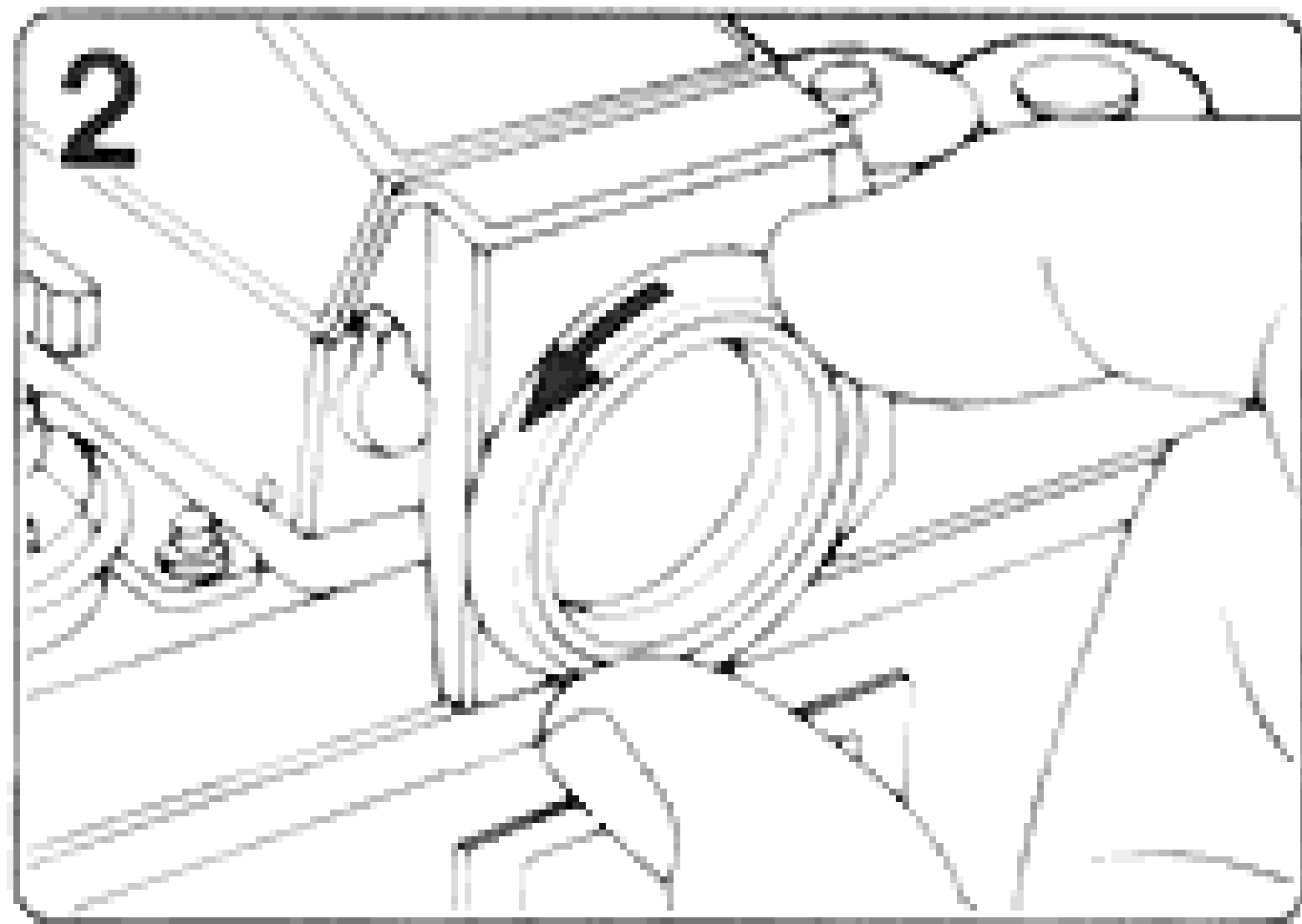
Nikon F3

high eyepoint

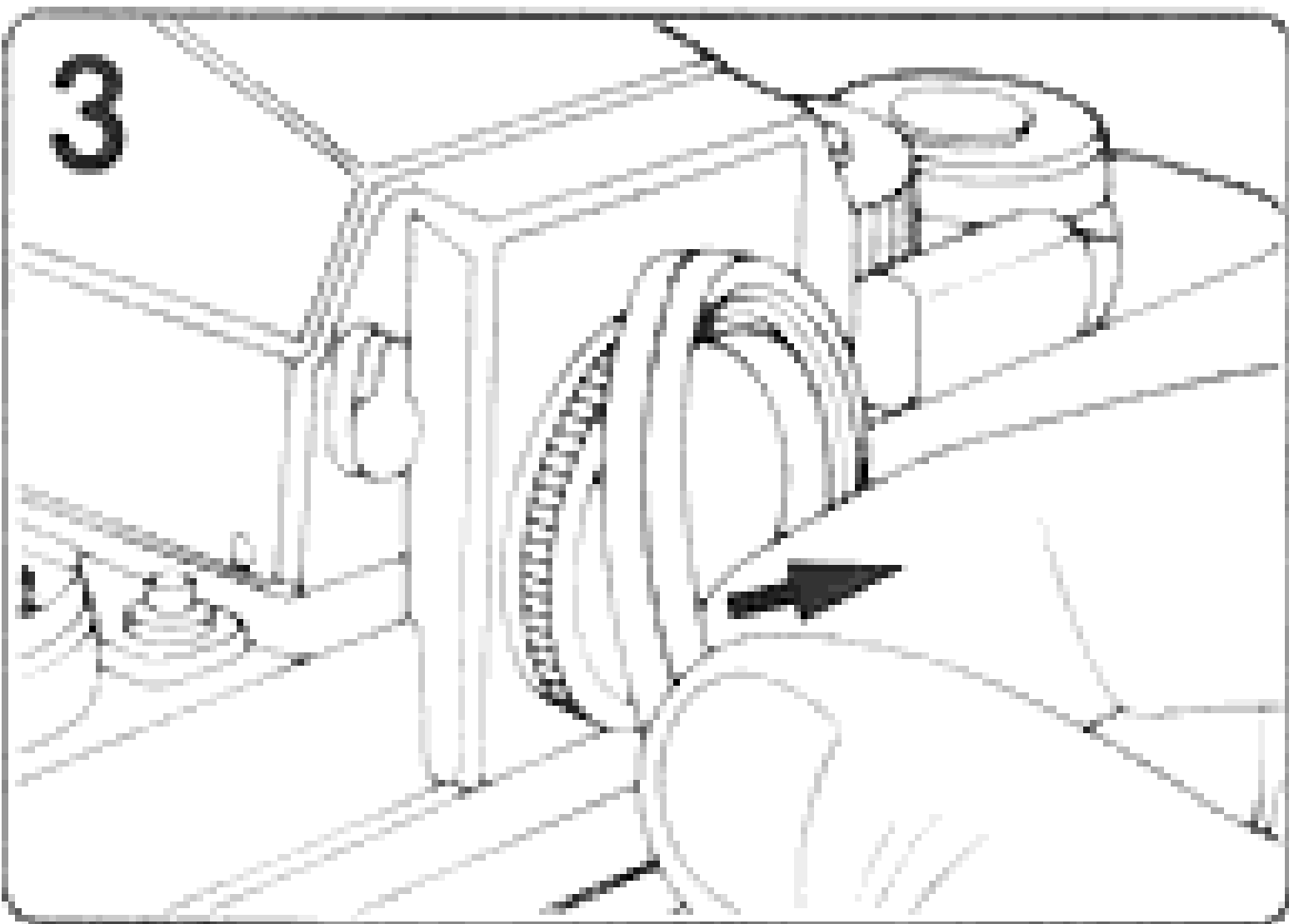
DK-2

FLUOR EYECUP
GUMMI-AUGENMUSCHEL
CELLETON CAOUTCHOUC

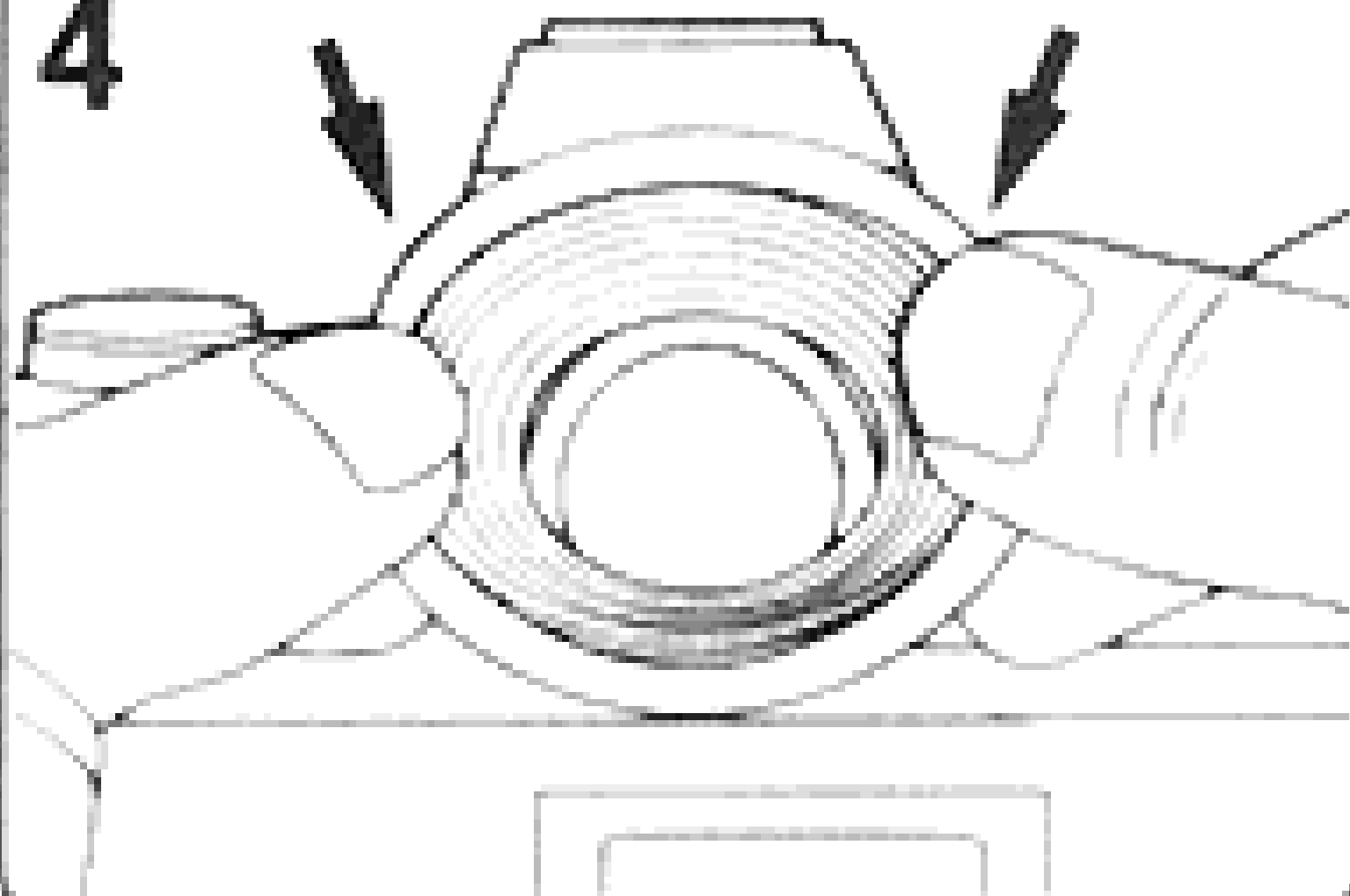
2



3



4



CHECKING THE FLASH BULB



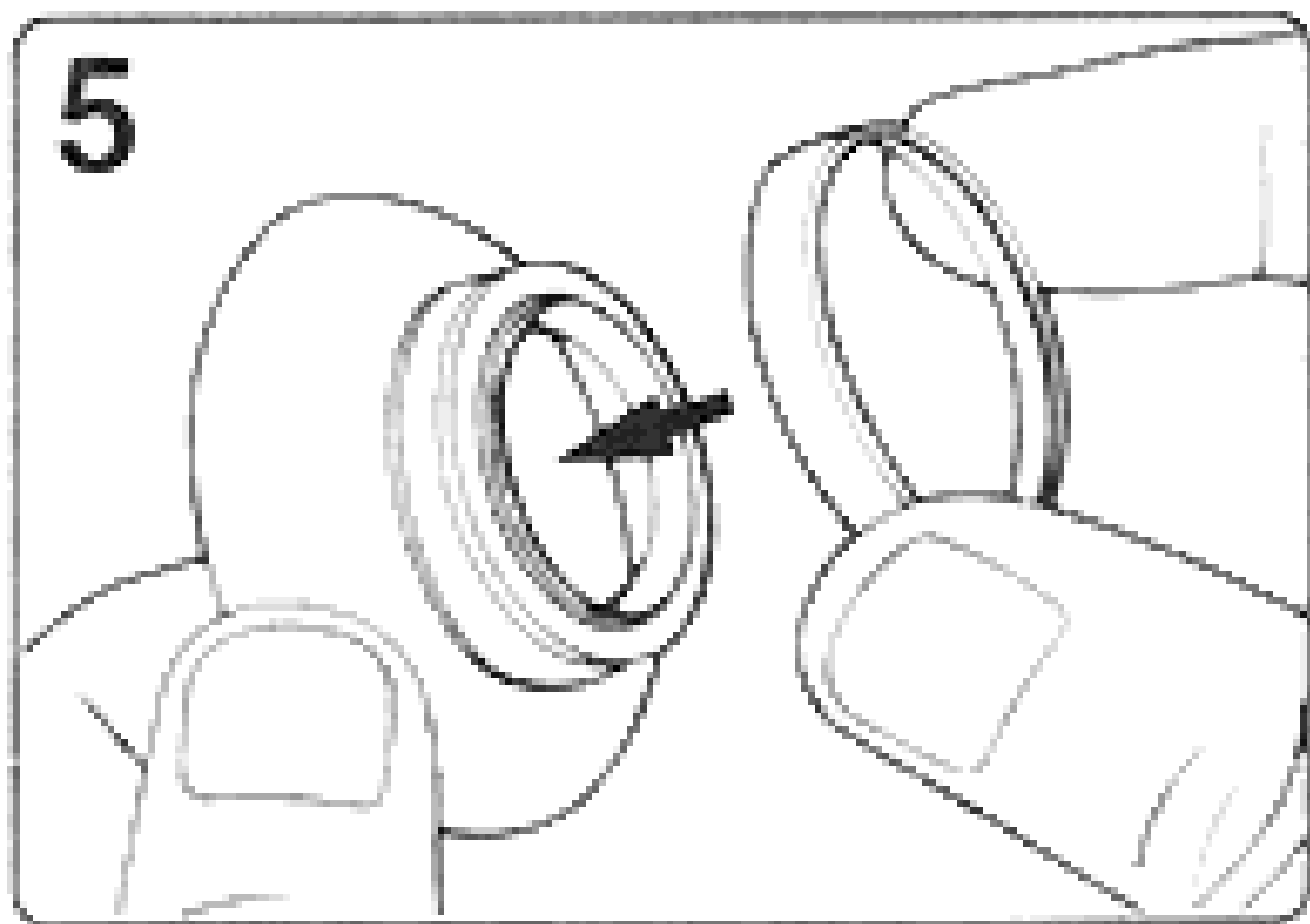
1. Attach a flash bulb by inserting its base into the socket.
2. A few seconds later, push the charge testing button (transparent).
3. If the inside test bulb glows briefly, (visible through the back cover) the flash bulb is good and the capacitor has been charged.

REMOVING THE FLASH BULB

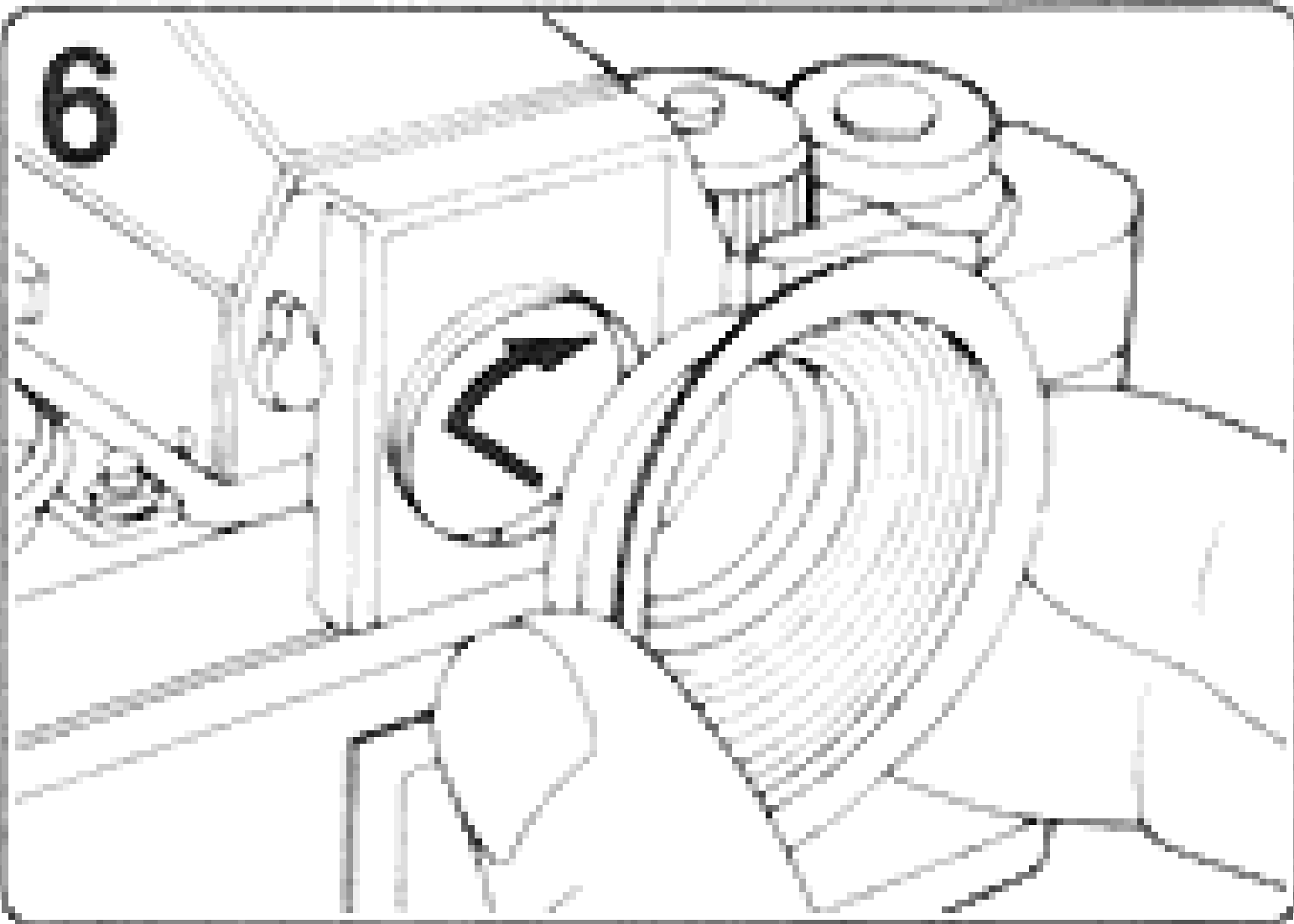


To remove the flash bulb from the unit, push the bulb ejector button.

5



6

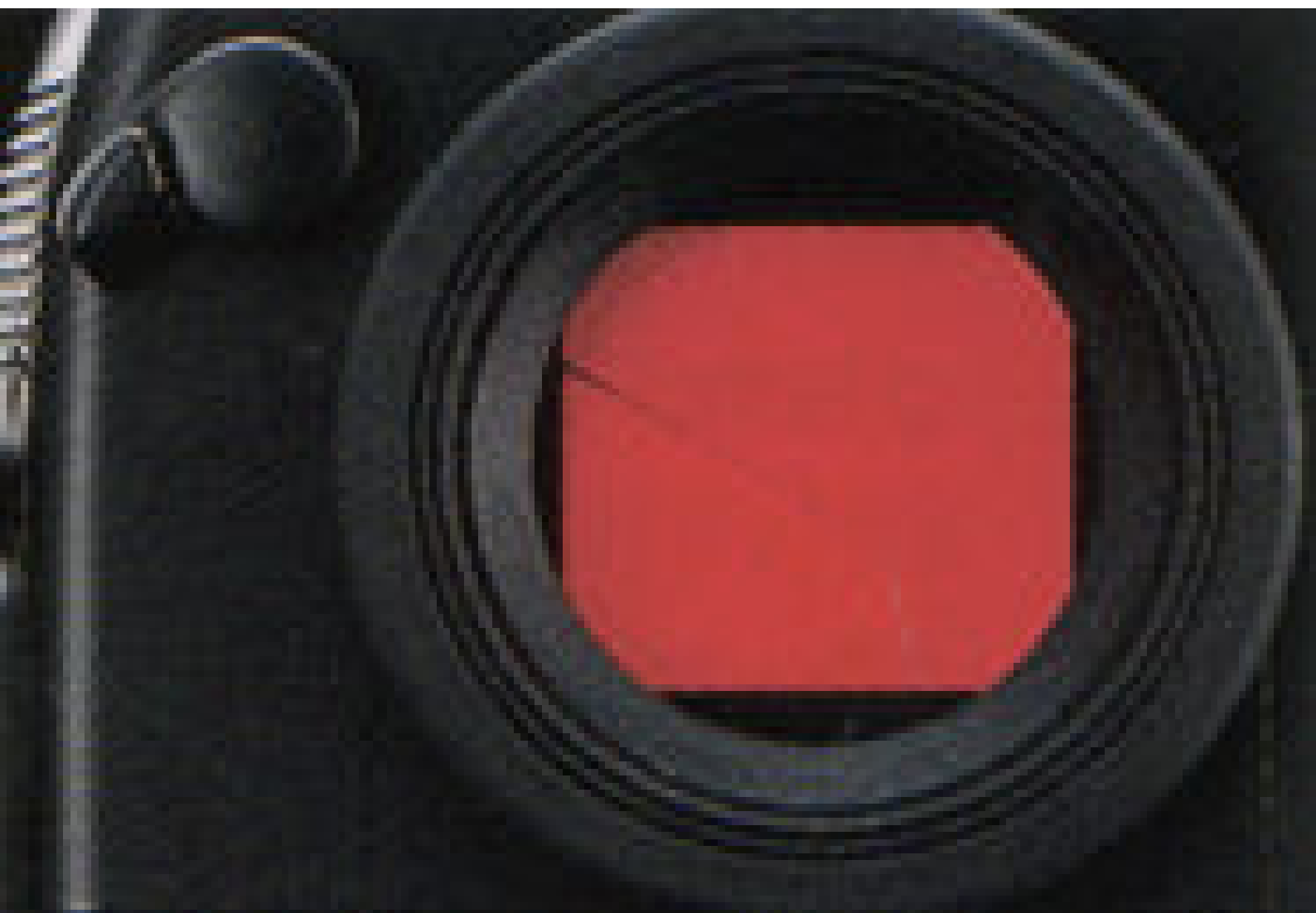












OPENING THE REFLECTOR

Spread out or fold up the reflector by holding the grip at one end blade. When fully opened, both ends of the reflector are to be hooked together.



ATTACHING FLASH BULB

If the flash bulb is of regular midget Swan-base type, push the base into the socket as far as it will go, fitting the pins on the bulb into the two slots on the socket.



If the bulb is of pinless type, insert the base of the bulb into the center hole of the socket as far as it will go.





Metering systems	Nikon F/ Nikon F2	Nikon F3 Series	Nikon F4 Series	Nikon F5 Series
Center weighted			DP20 & DA-20	
User defined Center-weighted				
Spot			DP20, DA-20, DW-1 & DW-2	
Matrix			DP20 ONLY	
Colour Matrix				
TTL flash				
AdvanceTTL flash				
Matrix TTL flash				
Focusing Method	Manual	Manual/AF (F3AF)	Manual/AF (body driven)	Manual/AF (body/lense driven)
Metering Cell(s)	Prism	Camera	Camera / Prism	Camera / Prism











CHECKING THE CIRCUIT

When the camera is not loaded with film,
1. Mount the flash unit onto the camera
and wind up the shutter.

2. Before inserting the flash bulb into the
socket, keep pushing the white circuit
testing button for a few seconds.

3. Thereafter, while depressing the white
testing button, push the shutter release
button on the camera.

4. If the inside test bulb glows (visible
through the translucent back cover), it
indicates that the circuit is functioning
properly. If the test bulb doesn't light,
see instructions on page 9.

When the camera is loaded with film,
put the front cap on the camera lens prior to the above checking. And when the checking
has been finished, wind up the shutter in the same way as for double exposure (see the
camera's instructions).



In case the test bulb does not light in the previous checking, proceed as follows:

1. Adjust the protrusion of the contact pin by turning the
contact adjusting screw (See page 7).
2. If the test bulb does not glow, keep pushing the circuit
testing button for a few seconds. Thereafter, push
the charge testing button.
3. If the test bulb still does not glow, replace the battery
with a new one.
4. If, after the replacement, the bulb does not light again,
change the capacitor or the test bulb. Either of them
should be of the type made for exclusive use with the
Nikon BC-4 or BC-5 Flash Unit.

Note: The flash bulb may properly fire, even though
the test bulb is impaired.

In case the test bulb still does not light after the
above procedures, bring the unit to your dealer
for repair. Do not attempt any dismantling of
the flash unit.













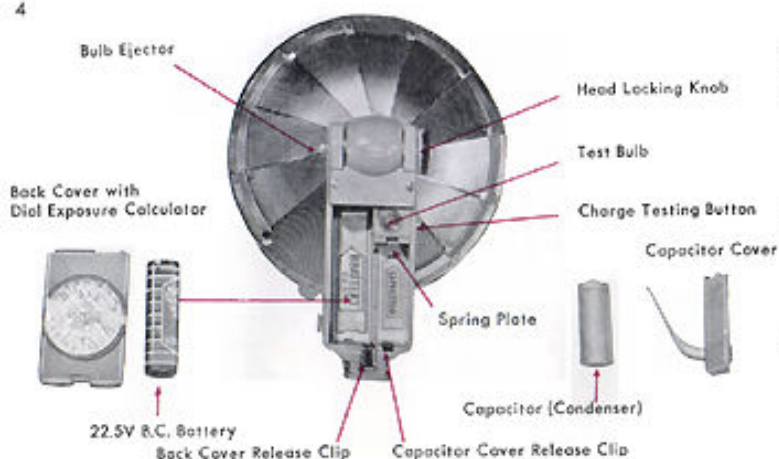












INSERTING THE BATTERY

1. Remove the back cover of the unit by depressing the releasing clip downwards.
2. Place a 22.5 volt battery of BC type inside the unit, with its plus end turned upwards and the minus end downwards. The markings inside indicate the direction toward which the battery should face. When loading the battery, the vinyl tape attached to the capacitor cover should loop under the battery to facilitate its removal.
3. To change the capacitor, first remove the battery. Then, by depressing the capacitor cover release clip, take out the capacitor cover and the capacitor will easily be removed. The capacitor should be of the type made for exclusive use with the Nikon BC-4 or BC-5 Flash Unit.
4. To replace the capacitor, reverse the above procedure. It is important that the capacitor should be placed in the case, pushing up the spring plate found inside the righthand top of the capacitor case, with its plus end turned upwards and minus end downwards. Be sure that the small metal tongue at the top of the capacitor cover fits into the square hole at the top of the capacitor case.







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ATTACHING THE FLASH UNIT TO THE NIKON CAMERA



Releasing Clip

1. When using the flash unit BC-5 on the Nikon S series camera, slide the flash unit into the accessory shoe as far as it will go. The BC-5 flash unit is mounted on the accessory shoe of the Nikon F by means of the coupler. Slide the coupler forwards into the camera's accessory shoe, and then slip the flash unit into the coupler, while depressing the releasing clips on both sides of the unit.
2. The unit is now secured in place and the circuit of the flash unit will automatically be connected to the flash terminal of the camera.
3. To remove the flash unit, slide the flash unit out, while pushing the releasing clips on both sides.

ADJUSTING THE CONTACT PIN



Contact Adjusting Screw

When the unit is attached to the camera, the contact pin at the bottom of the unit should touch the flash terminal of the camera. If it doesn't, turn the contact adjusting screw by means of a pointed tool.

Turning to the left lowers the pin and turning to the right raises it.

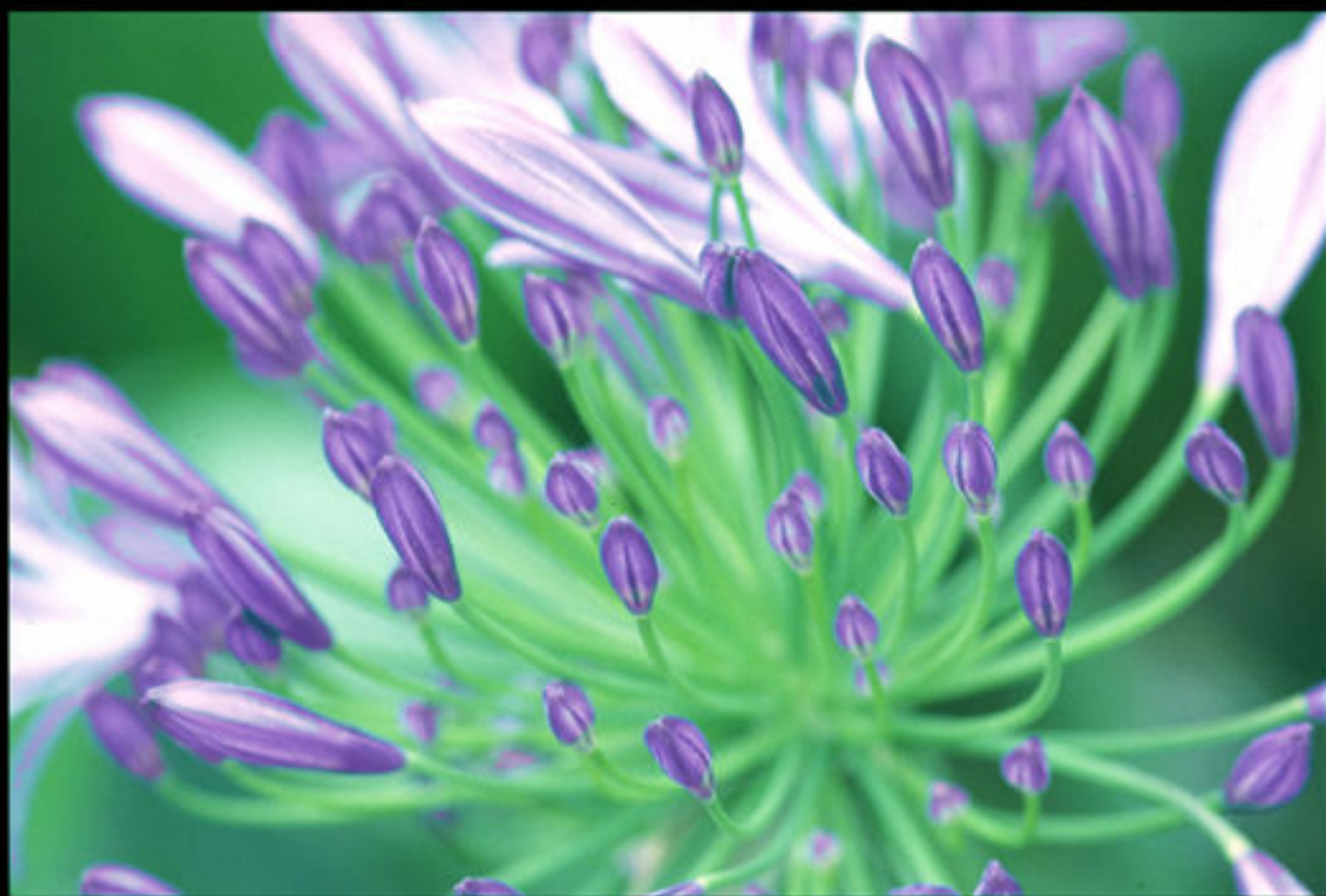
Caution: Do not force the pin too tightly against the flash terminal of the camera.





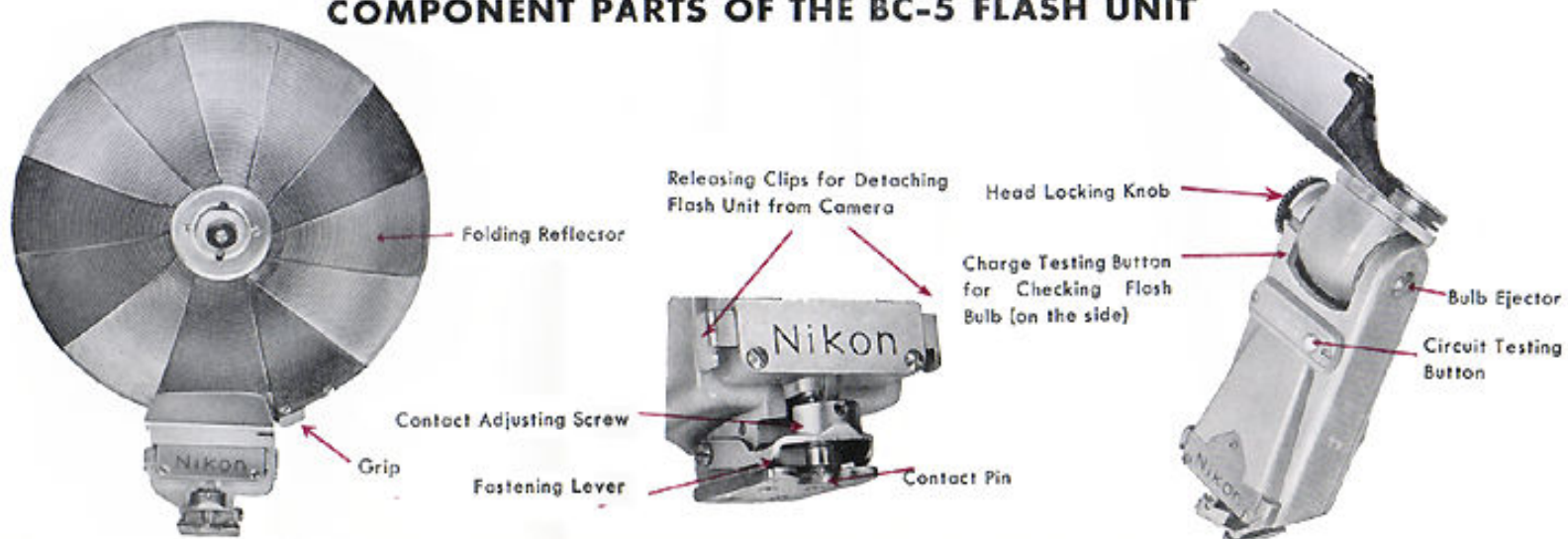








COMPONENT PARTS OF THE BC-5 FLASH UNIT





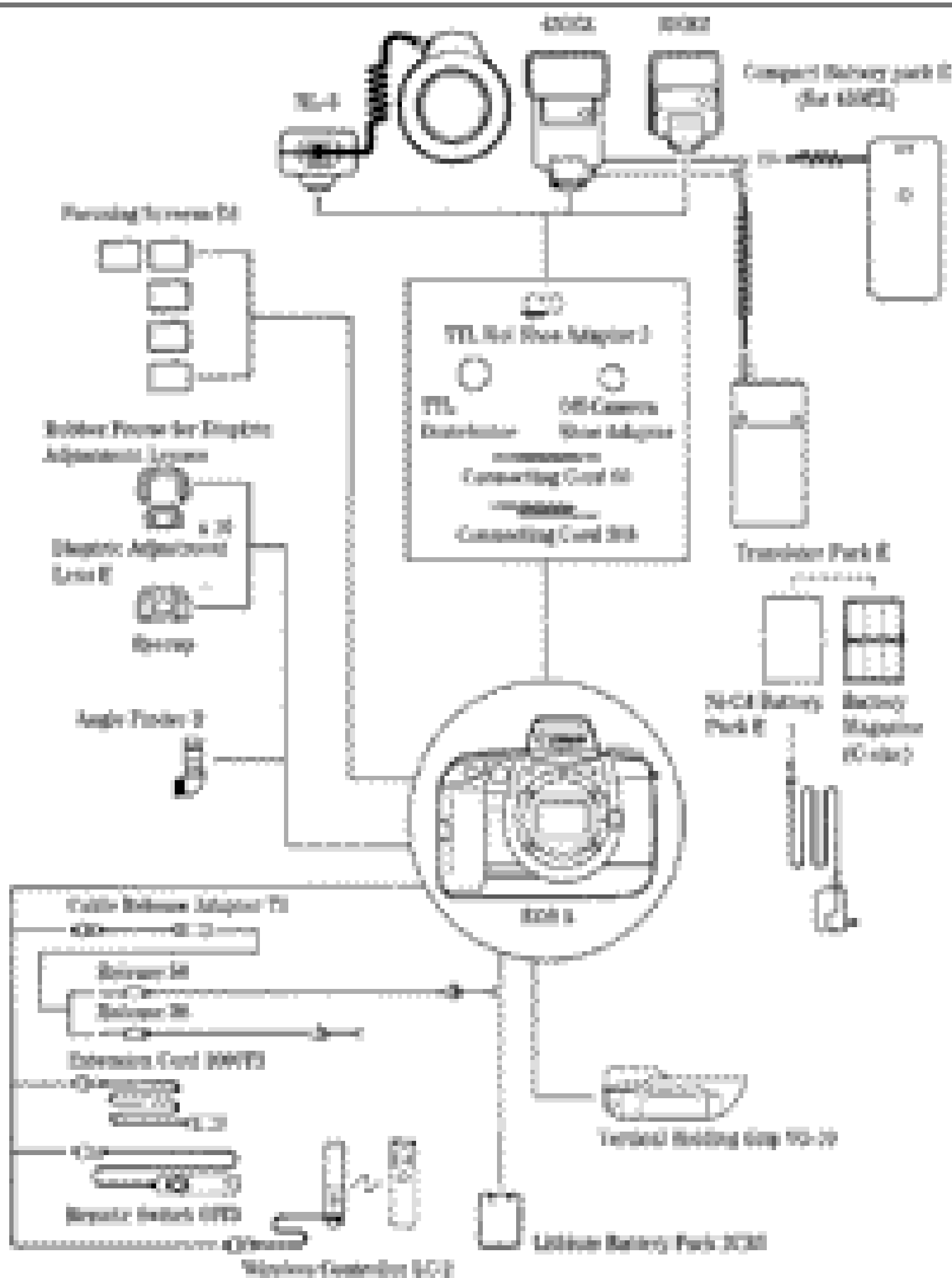


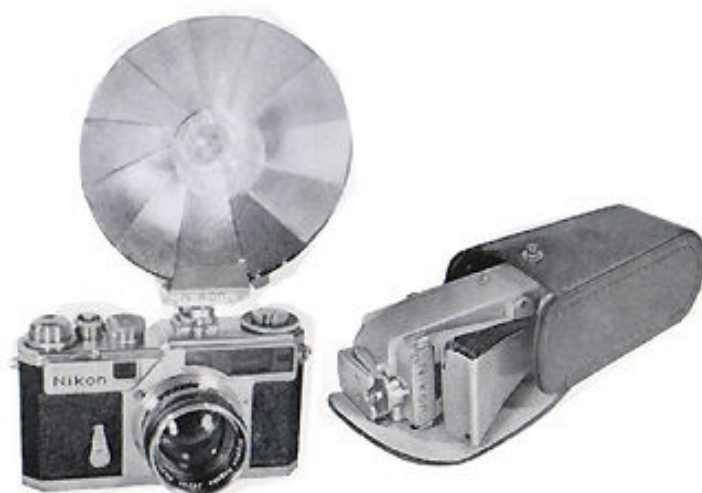
Battery Pack BP-5











NIKON FLASH UNIT BC-5

The BC-5 Flash Unit makes perfect electrical connection with the flash terminal on the Nikon camera only by sliding directly (in the Nikon model S2, S3, S4 or SP) or by aid of an adapter coupler (in the Nikon model F) into the camera's accessory shoe, eliminating the need for a connecting cord.

Inserting of a flash bulb into the socket charges instantaneously the capacitor to afford full power to the bulb. The unit is equipped with a test button for checking the flash bulb and circuit (including battery and capacitor).

The Unit takes bulbs of regular midget Swan-base type or pinless miniature type. Battery is a 22.5 volt for photo flash (EVEREADY Type 505)

The fan-fold reflector tilts backwards for bounce flash. A dial exposure calculator provided on the back of the unit allows of easy and correct determination of the exposure.

Item ID	Item Name	Category	Unit	Price	Quantity	Total Price	Supplier	Warehouse	Notes
001	Apple iPhone 12	Electronics	Unit	1000	10	10000	Apple Inc.	Warehouse A	Latest model
002	Samsung Galaxy S21	Electronics	Unit	800	15	12000	Samsung	Warehouse B	5G enabled
003	Microsoft Surface Pro 9	Electronics	Unit	1200	5	6000	Microsoft	Warehouse A	Convertible
004	HP Spectre x360	Electronics	Unit	900	10	9000	HP	Warehouse B	2-in-1 laptop
005	Lenovo Yoga 920	Electronics	Unit	1100	8	8800	Lenovo	Warehouse A	Thin and light
006	Google Pixel 6	Electronics	Unit	700	12	8400	Google	Warehouse B	AI-powered
007	Amazon Echo Show 8	Electronics	Unit	150	20	3000	Amazon	Warehouse A	Smart display
008	Apple Watch Series 7	Electronics	Unit	300	30	9000	Apple Inc.	Warehouse A	Health tracking
009	Samsung Galaxy Watch 4	Electronics	Unit	250	25	6250	Samsung	Warehouse B	Wear OS
010	Fitbit Versa 4	Electronics	Unit	200	30	6000	Fitbit	Warehouse A	Long battery life
011	Logitech MX Keys	Electronics	Unit	100	50	5000	Logitech	Warehouse B	Wireless
012	Logitech MX Master 3	Electronics	Unit	120	40	4800	Logitech	Warehouse A	Ergonomic
013	Logitech Pebble	Electronics	Unit	80	60	4800	Logitech	Warehouse B	Compact
014	Logitech Streamcam	Electronics	Unit	150	30	4500	Logitech	Warehouse A	Webcam
015	Logitech C920	Electronics	Unit	100	40	4000	Logitech	Warehouse B	HD Webcam
016	Logitech G Pro X	Electronics	Unit	180	30	5400	Logitech	Warehouse A	Gaming
017	Logitech G502	Electronics	Unit	120	40	4800	Logitech	Warehouse B	Gaming
018	Logitech G910	Electronics	Unit	150	30	4500	Logitech	Warehouse A	Gaming
019	Logitech G Pro	Electronics	Unit	100	50	5000	Logitech	Warehouse B	Gaming
020	Logitech G502 Pro	Electronics	Unit	120	40	4800	Logitech	Warehouse A	Gaming
021	Logitech G910 Pro	Electronics	Unit	150	30	4500	Logitech	Warehouse B	Gaming
022	Logitech G Pro X Superlight	Electronics	Unit	200	30	6000	Logitech	Warehouse A	Gaming
023	Logitech G502 Hero	Electronics	Unit	120	40	4800	Logitech	Warehouse B	Gaming
024	Logitech G910 Lightspeed	Electronics	Unit	150	30	4500	Logitech	Warehouse A	Gaming
025	Logitech G Pro X Wireless	Electronics	Unit	250	30	7500	Logitech	Warehouse B	Gaming
026	Logitech G502 Wireless	Electronics	Unit	180	30	5400	Logitech	Warehouse A	Gaming
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075	Logitech G910 Wireless Gaming Mouse	Electronics	Unit	200	30	6000	Logitech	Warehouse B	Gaming
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078	Logitech G910 Wireless Gaming Mouse	Electronics	Unit	200	30	6000	Logitech	Warehouse A	Gaming
079	Logitech G Pro X Wireless Gaming Mouse	Electronics	Unit	250	30	7500	Logitech	Warehouse B	Gaming
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095	Logitech G502 Wireless Gaming Mouse	Electronics	Unit	180	30	5400	Logitech	Warehouse B	Gaming
096	Logitech G910 Wireless Gaming Mouse	Electronics	Unit	200	30	6000	Logitech	Warehouse A	Gaming
097	Logitech G Pro X Wireless Gaming Mouse	Electronics	Unit	250	30	7500	Logitech	Warehouse B	Gaming
098	Logitech G502 Wireless Gaming Mouse	Electronics	Unit	180	30	5400	Logitech	Warehouse A	Gaming
099	Logitech G910 Wireless Gaming Mouse	Electronics	Unit	200	30	6000	Logitech	Warehouse B	Gaming
100	Logitech G Pro X Wireless Gaming Mouse	Electronics	Unit	250	30	7500	Logitech	Warehouse A	Gaming





