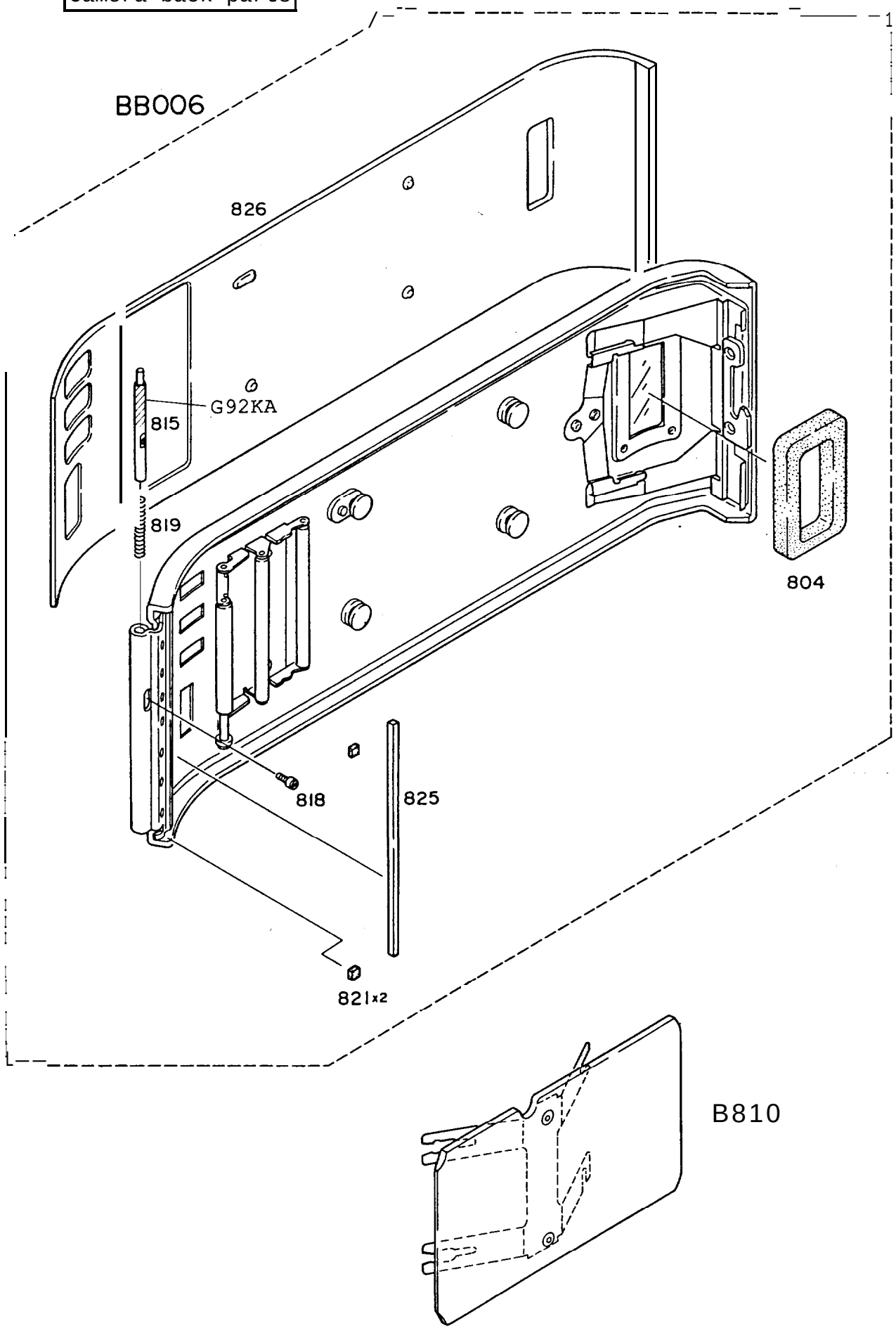
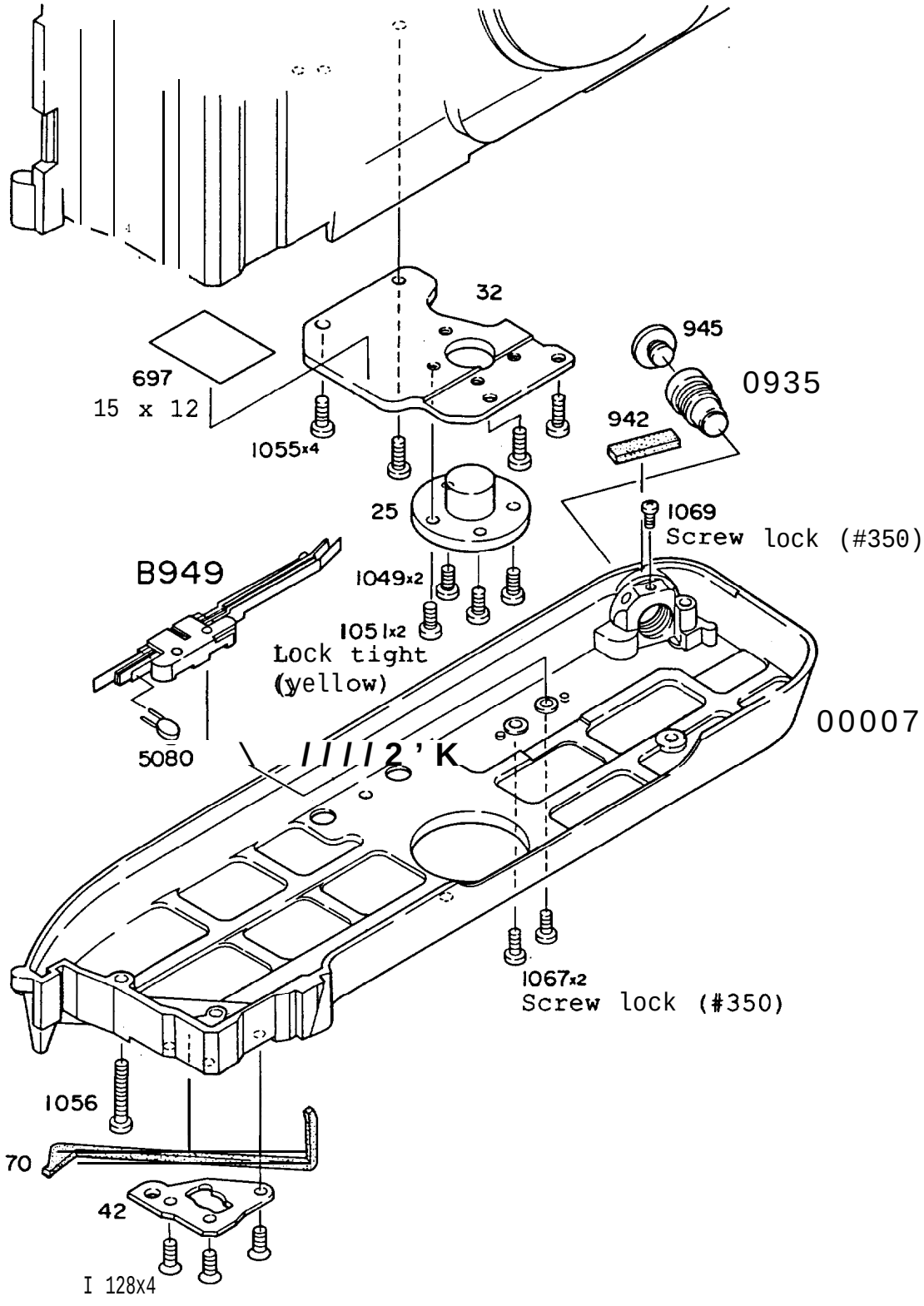
ASS13MBLING & ADJUSTMENT

Contents

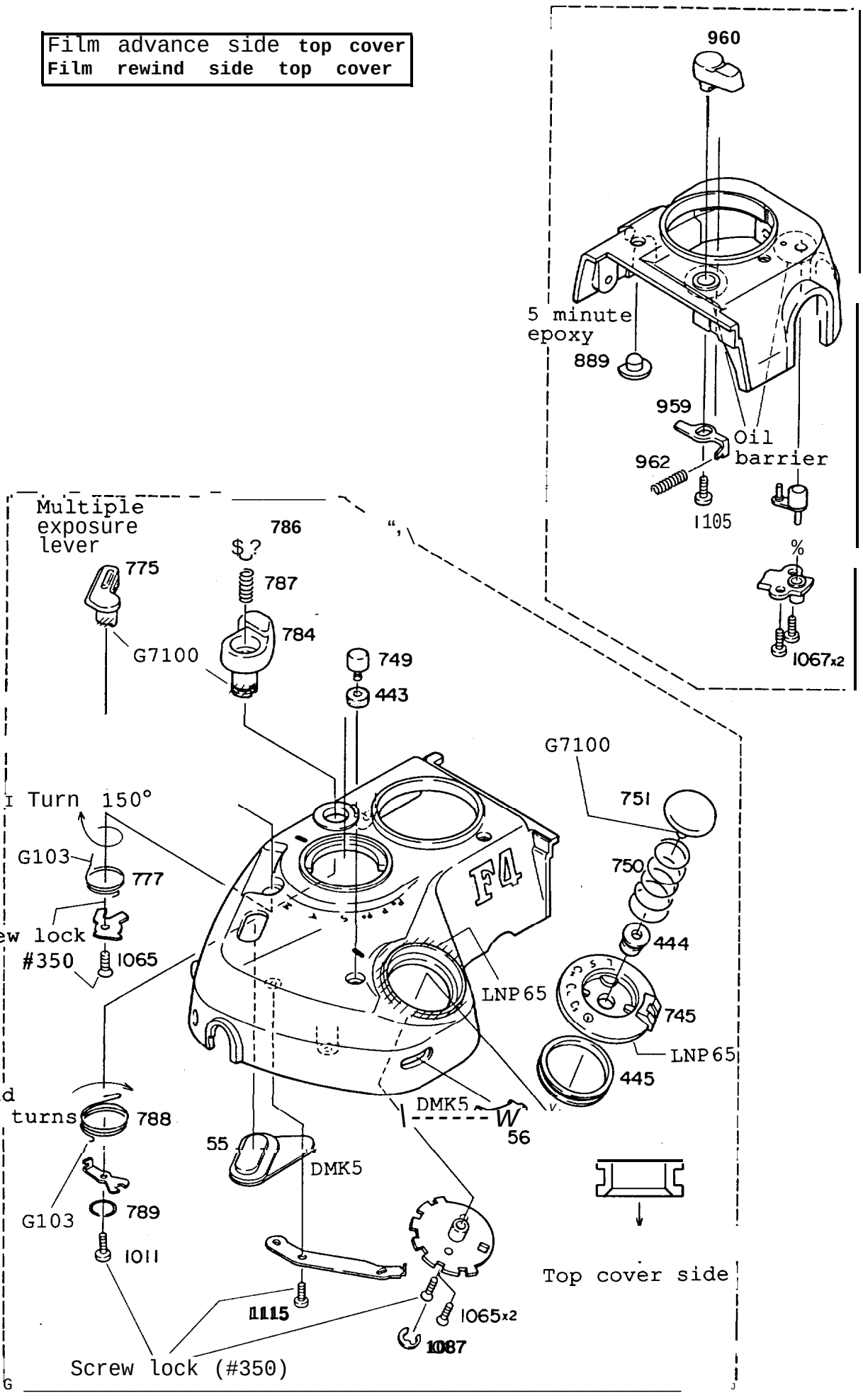
Camera back parts



Bottom cover and tripod parts

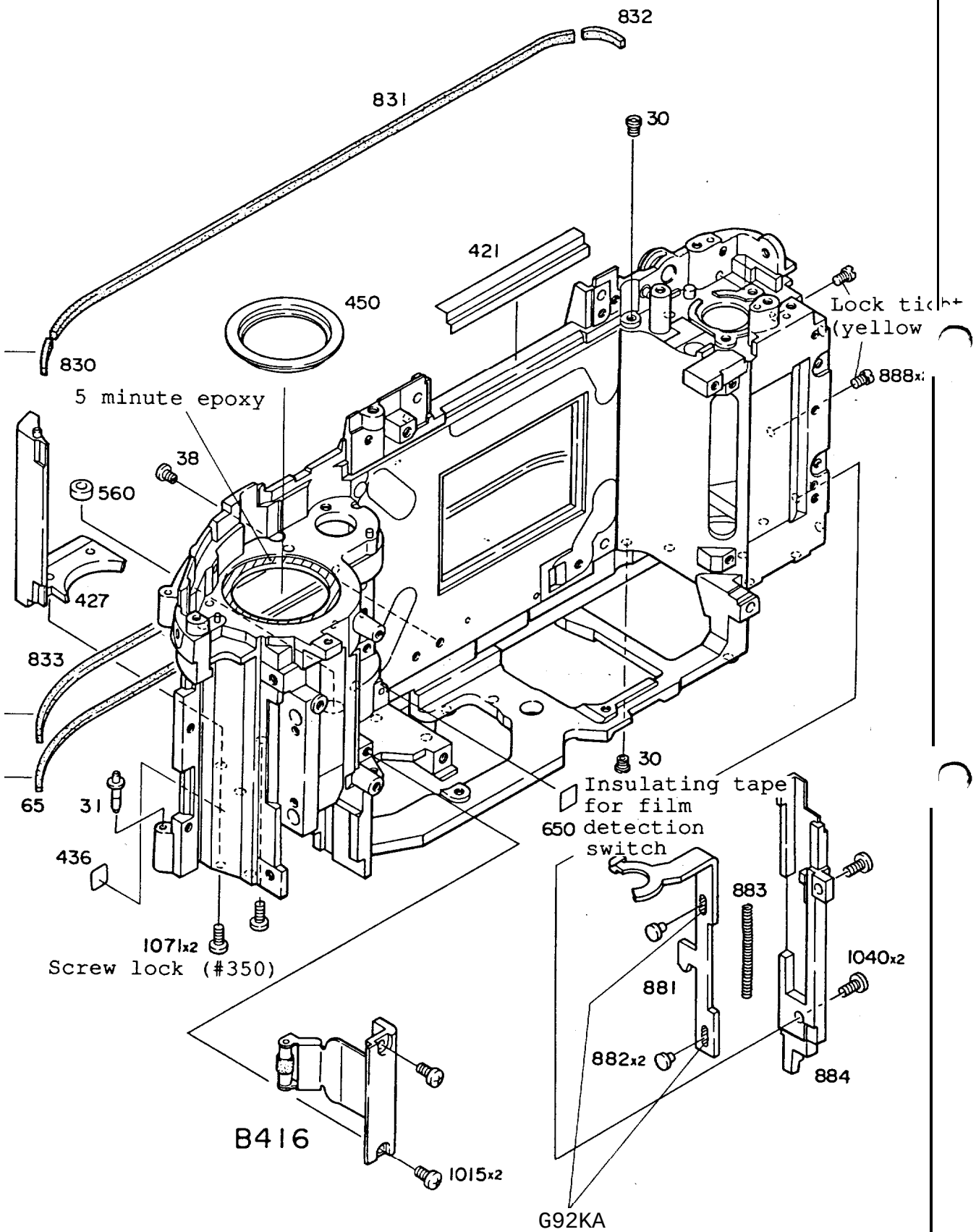


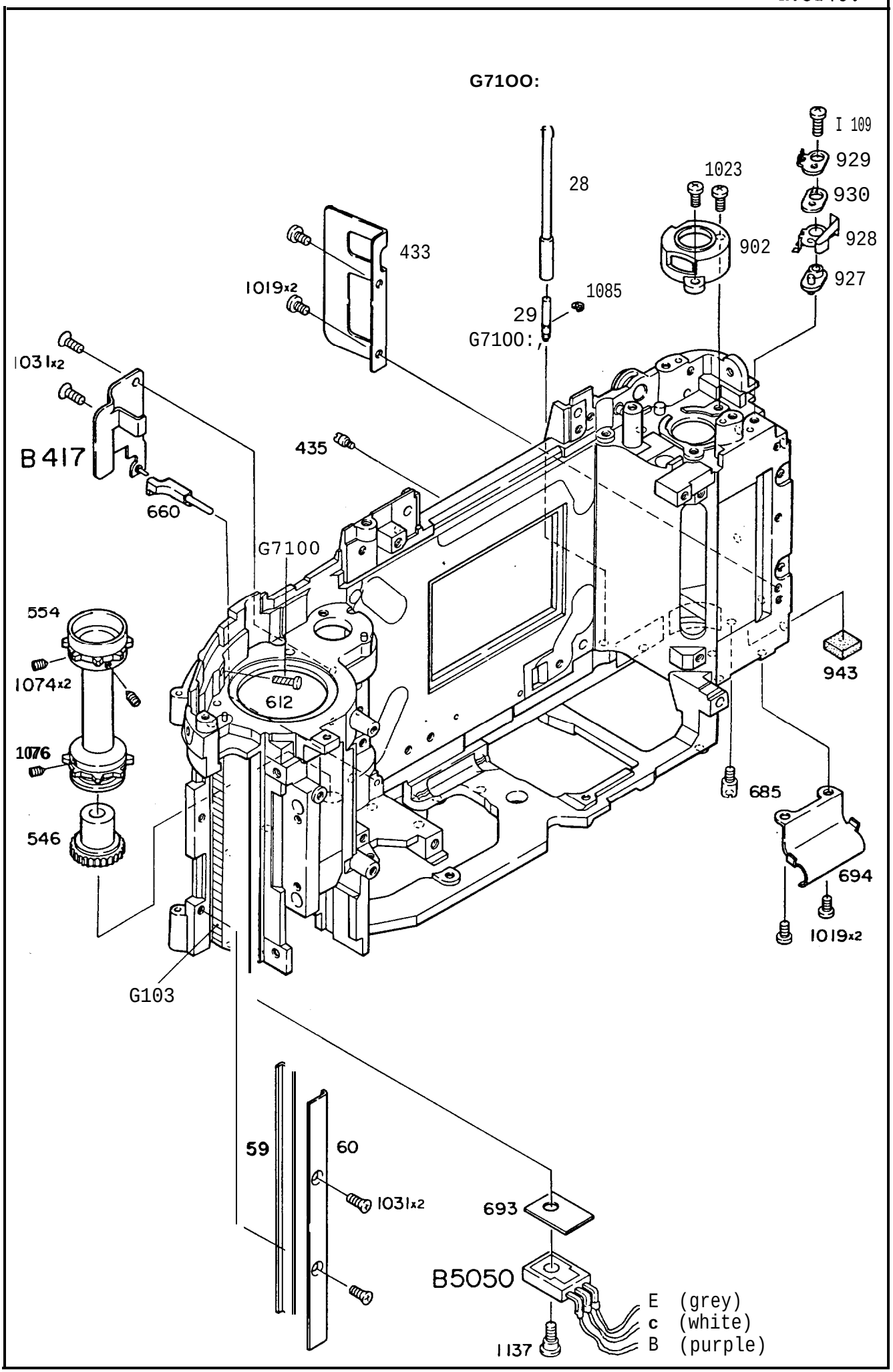
Film advance side top cover
Film rewind side top cover

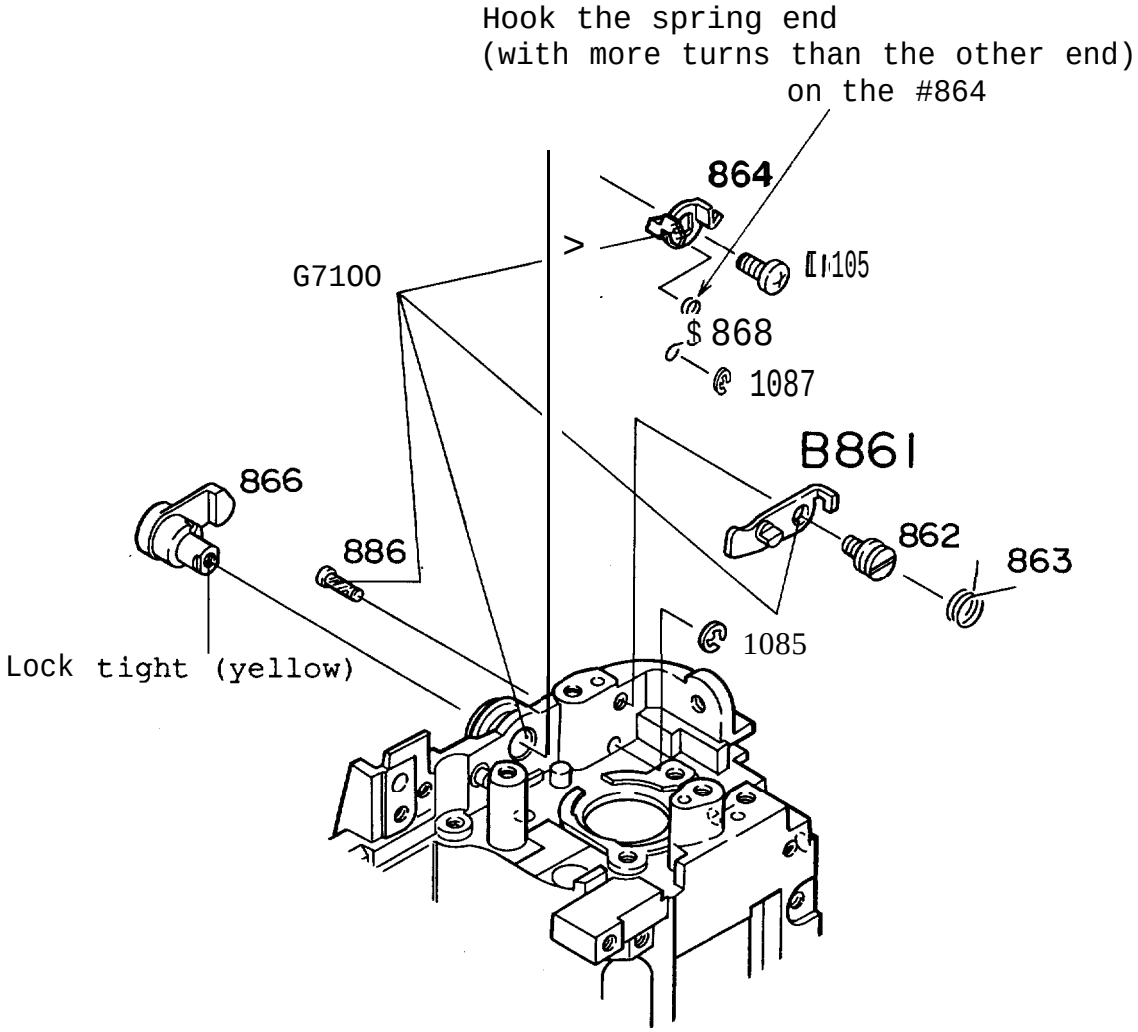


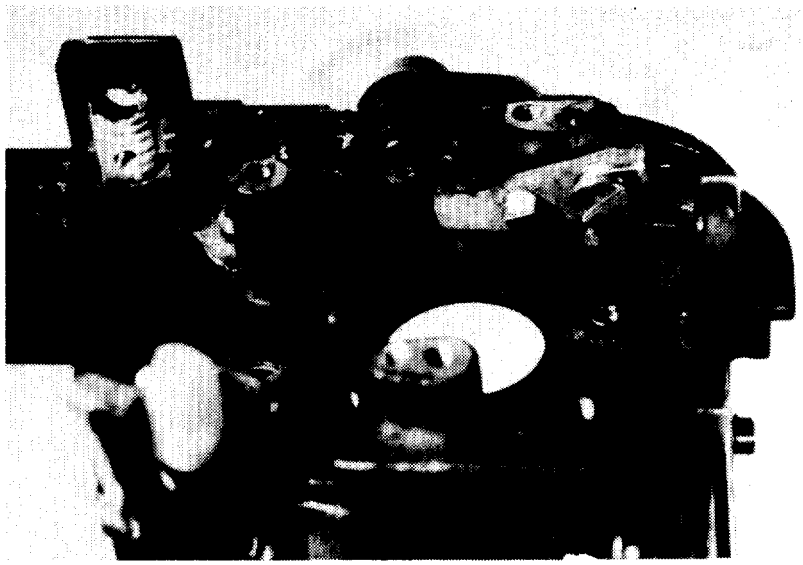
Back body parts

– Spread G103 on the body and paste,



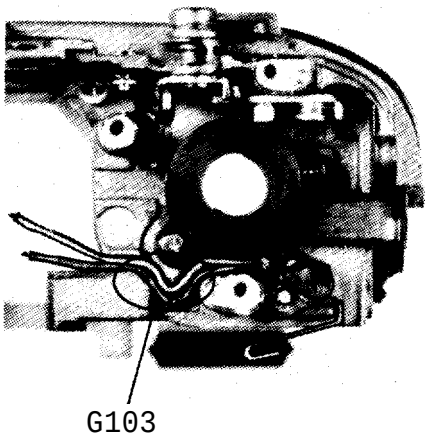

G7100:
I 109
929
930
928
927
1023
902
28
433
1019x2
1085
29
G7100:
1031x2
B417
660
435
G7100
554
1074x2
612
1076
546
943
685
694
1019x2
G103
59
60
1031x2
693
B5050
1137
E (grey)
c (white)
B (purple)

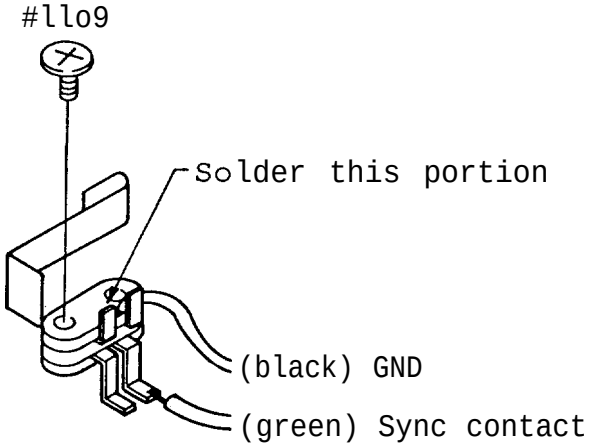

Hook the spring end
(with more turns than the other end)
on the #864
864
G7100
1105
868
1087
B861
866
886
862
863
1085
Lock tight (yellow)



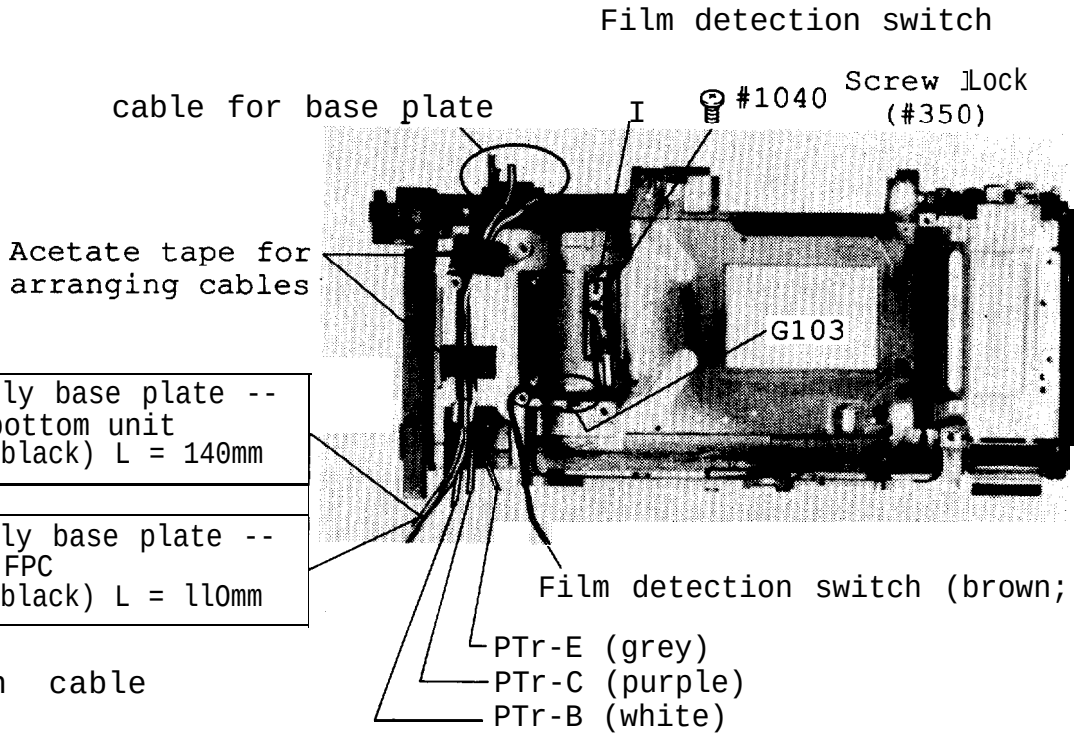
Sync contact, film detection switch

– Sync contact



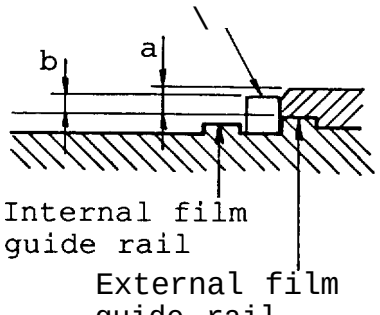


– Film detection switch



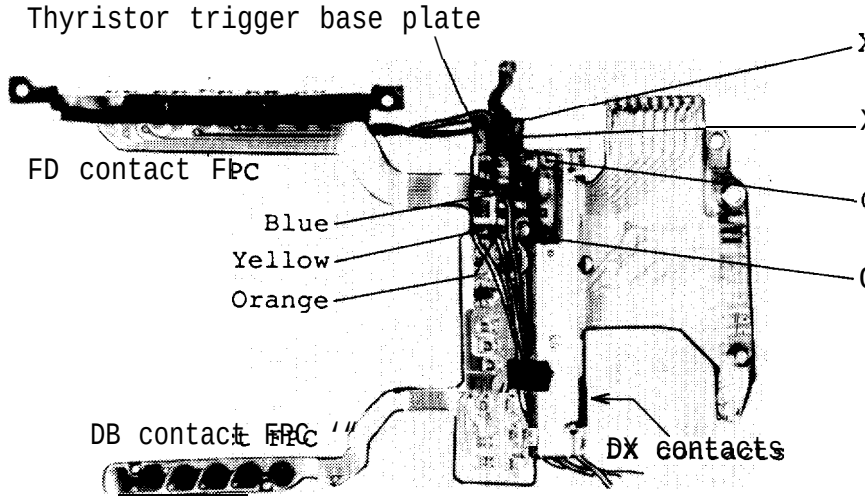
– junction cable

Film detection switch pin



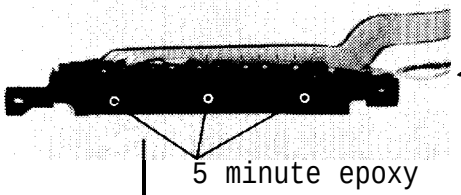
Check the ON-OFF position of the film detection switch based on the external film guide rail:
Height (or play); a = 1.13 ± 0.15
ON–OFF switching position; b = 1.00 or more
Total stroke; More than 0.1 deeper from the external film guide rail.

FD, DB, or DX FPC unit



Mount FD, DB, and DX FPCS

Rear side of FD contacts mold



Spread a small of adhesive on contact mold

#1022 x 2
#lo40 x 2
679 X 2

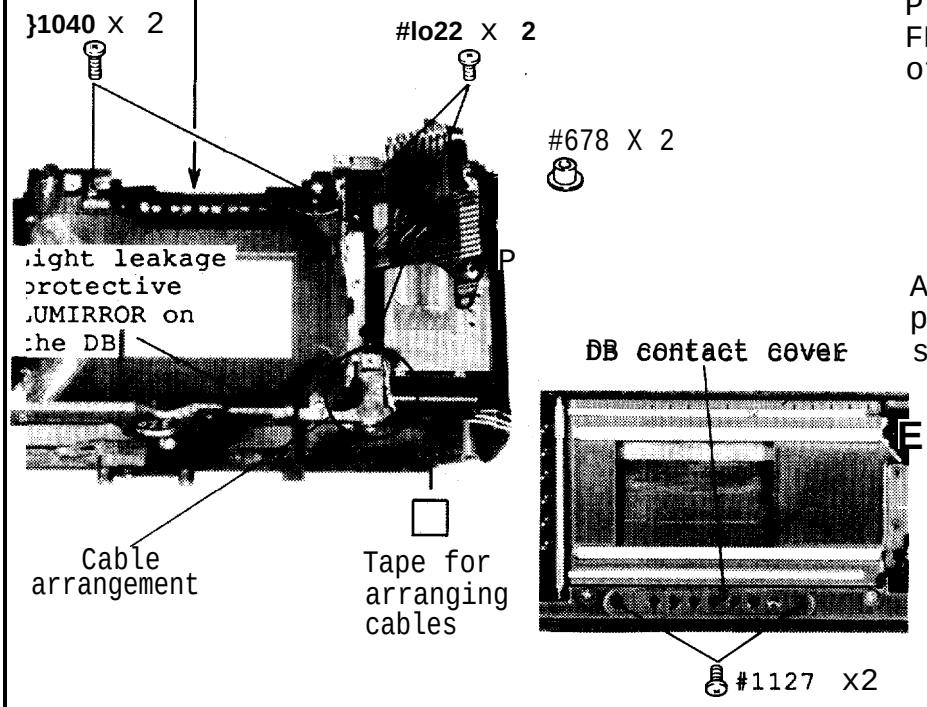
Place the DB contact FPC through the hole of the body

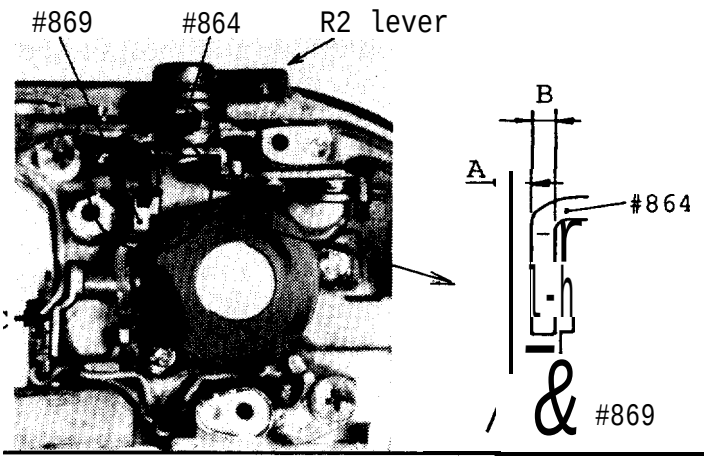
DB contact cover #l127x2

Attach light leakage protective plastic sheet on the DB

Solder cables

Arrange cables



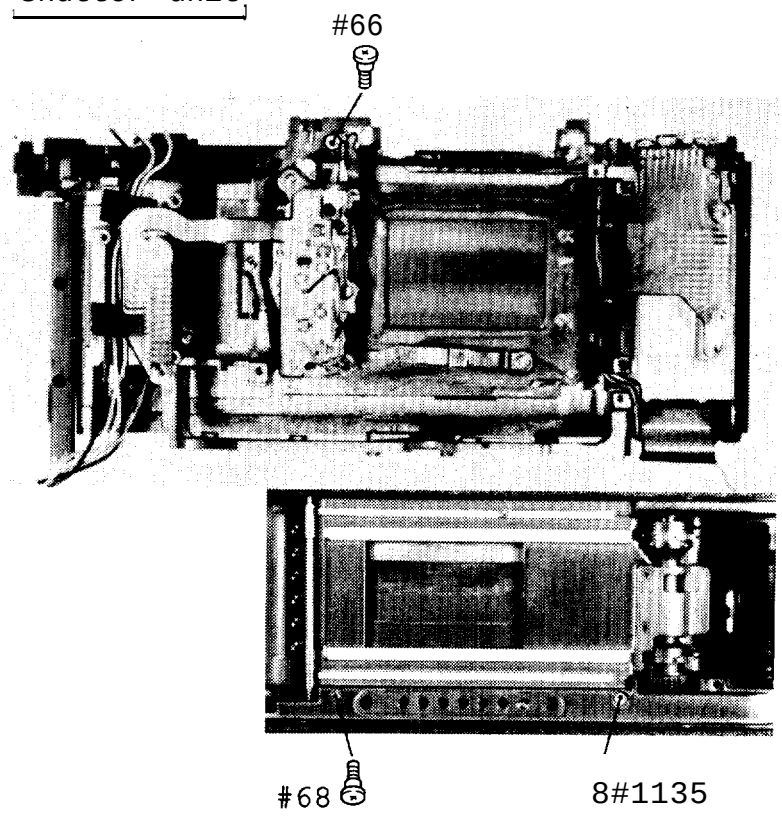


Check the latching condition of the R2 lever

The latching amount of the #864 and #869 when the R2 lever is in locked state;
A ÷ B (approx. 0.7)

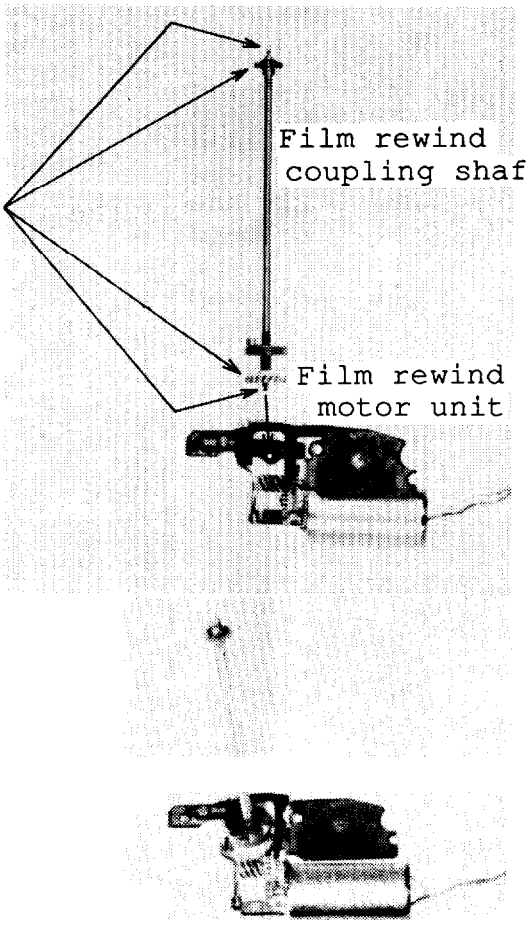
Adjust by bending part C indicated by the arrow in the figure at left.

Shutter unit



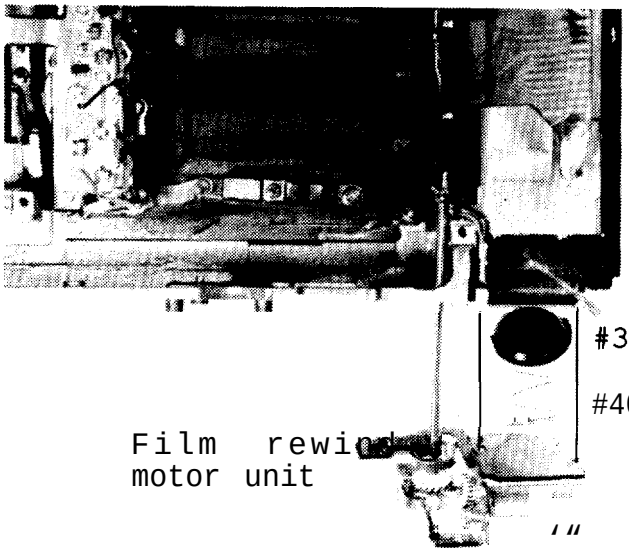
Shutter unit
#66
#68
#1135

Film rewind motor unit



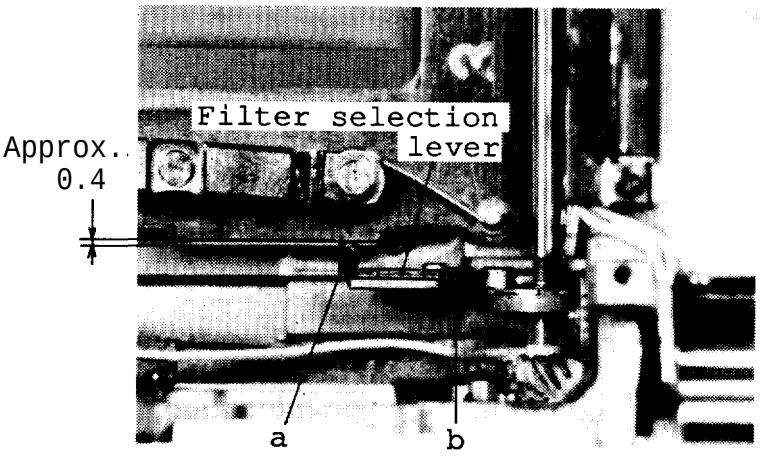
G7100
(gears and the tips of the shaft)

Mount a film rewind coupling shaft in the film rewind motor unit.



Mount a film rewind motor unit
#39
#40
#lo19 x 2

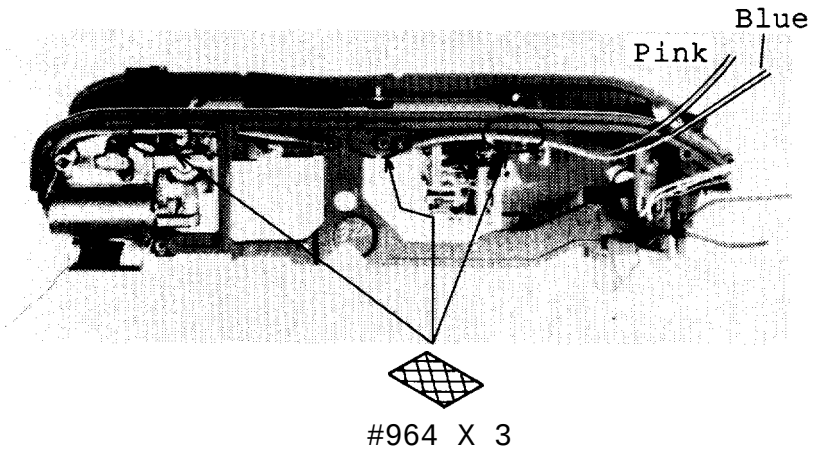
&
Lock tight #1019 x 2
(Purple)



Check the position of the filter selection lever

The tip of the filter selection lever (as shown in the figure) should be located within the range of approx. 0.4 from the lower end of the shutter.

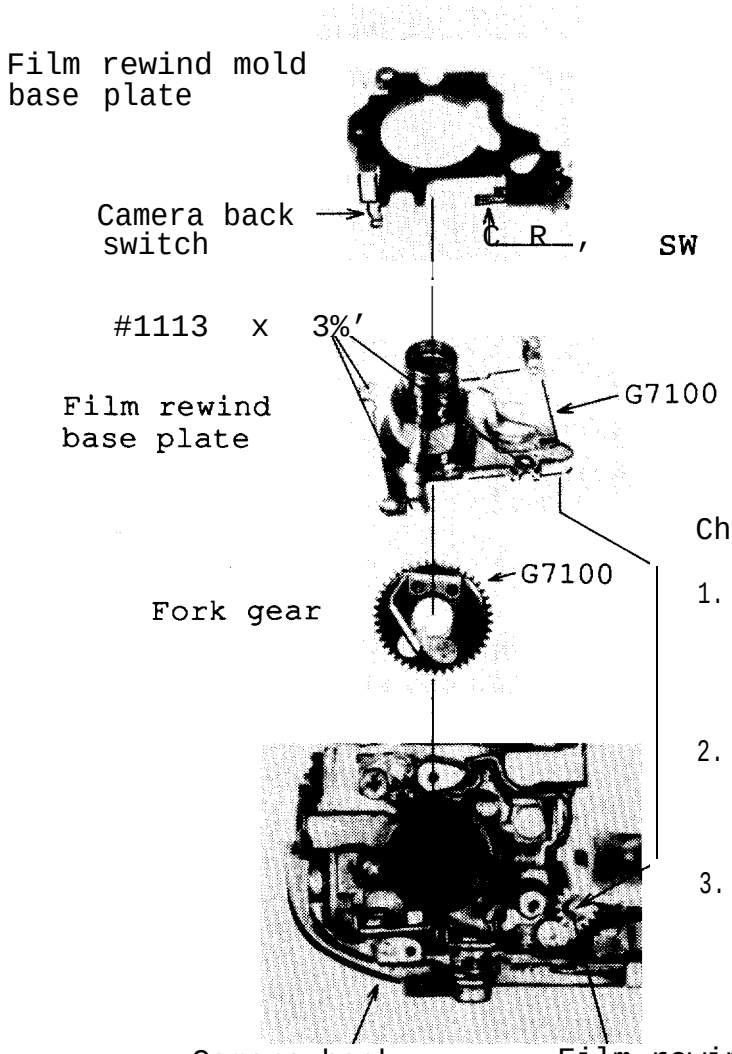
Adjust by bending the part B as shown in the figure .



#964 X 3

Arrange film rewind motor cables.
#964 x 3

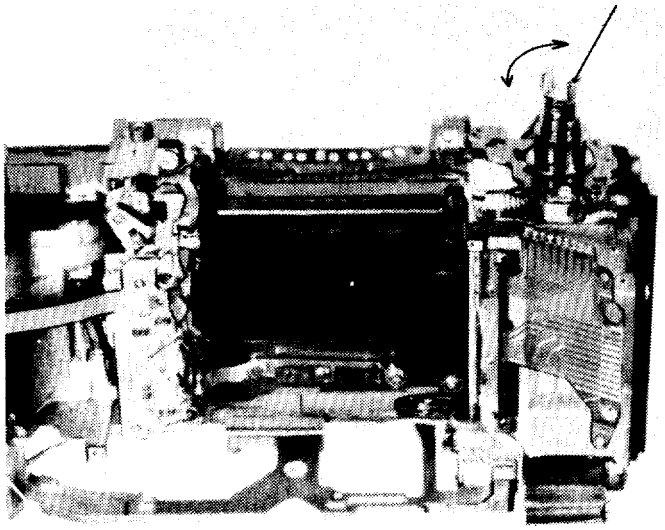
Film rewind unit



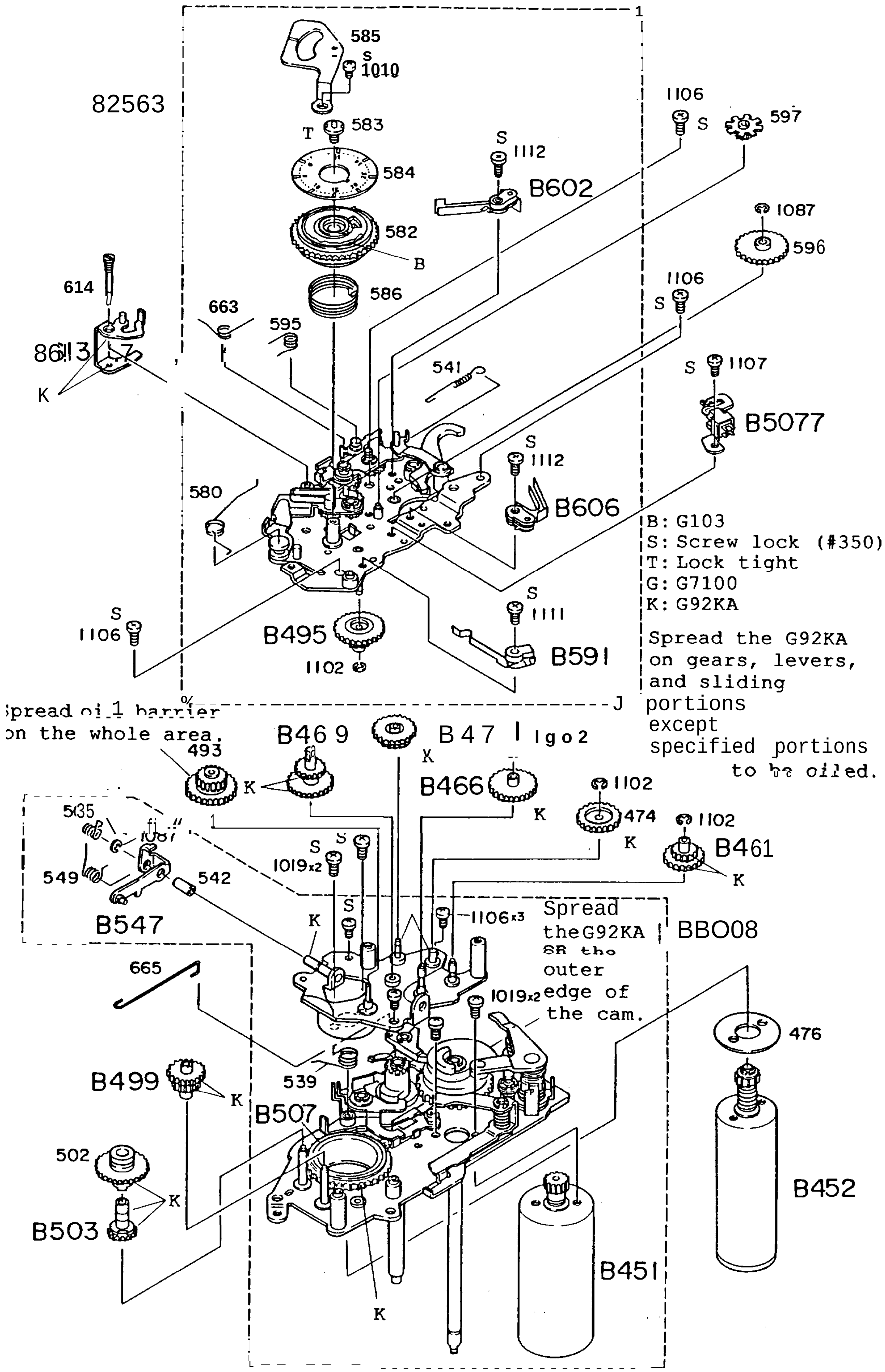
Check following items:

1. Gaps (up and down) of the film rewind shaft; 0.1 – 0.3
2. ON–OFF operation of the camera back switch.
3. ON-OFF operation of the R2 SW.

Insert the film rewind shaft from the other end.



4. Lock the R2 lever (move the lever up) . Check to see if there is irregular rotation and strange sound when rotating the film rewind shaft.



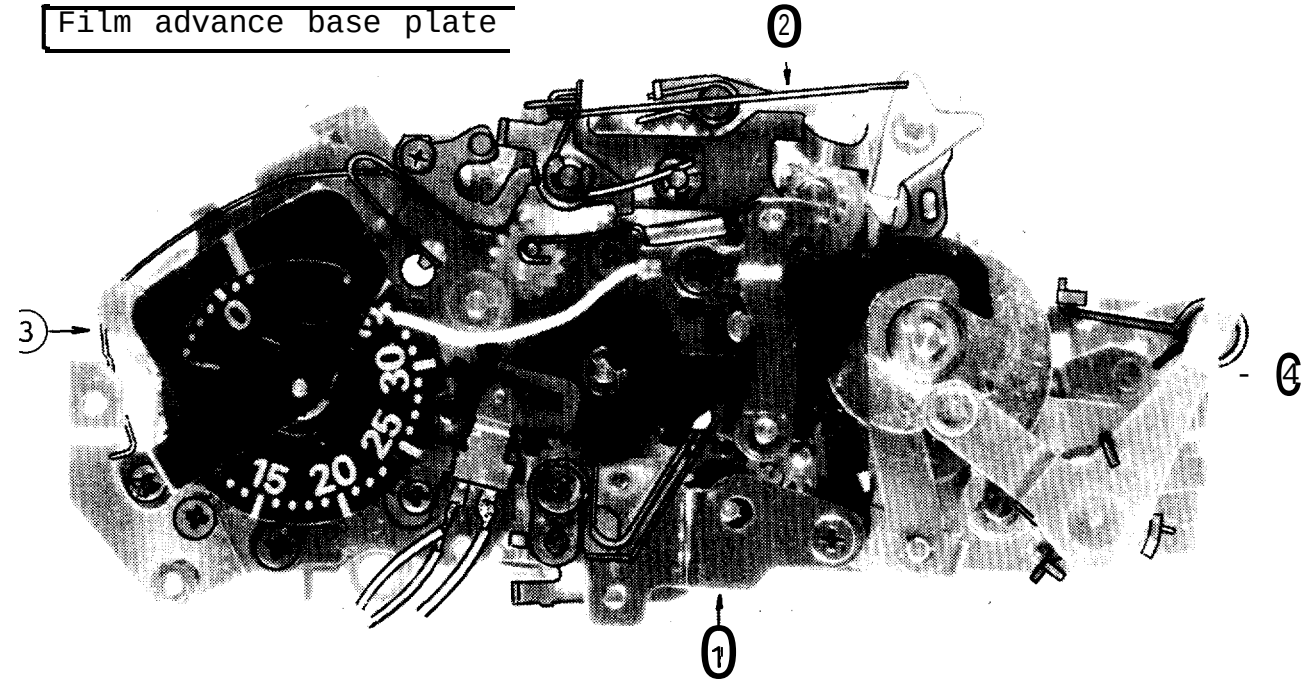
B: G103
S: Screw lock (#350)
T: Lock tight
G: G7100
K: G92KA

Spread the G92KA on gears, levers, and sliding portions except specified portions to be oiled.

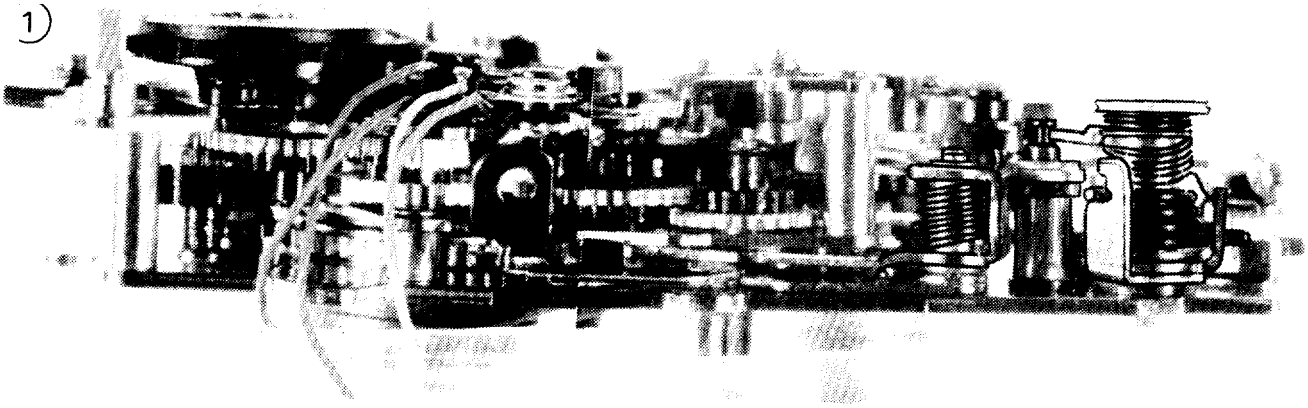
Spread oil barrier on the whole area.

Spread the G92KA on the outer edge of the cam.

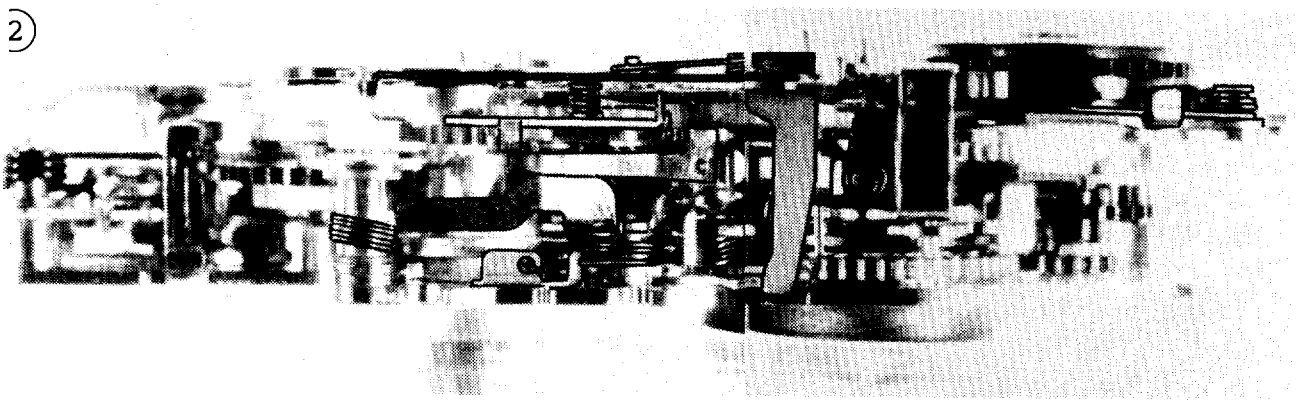
Film advance base plate



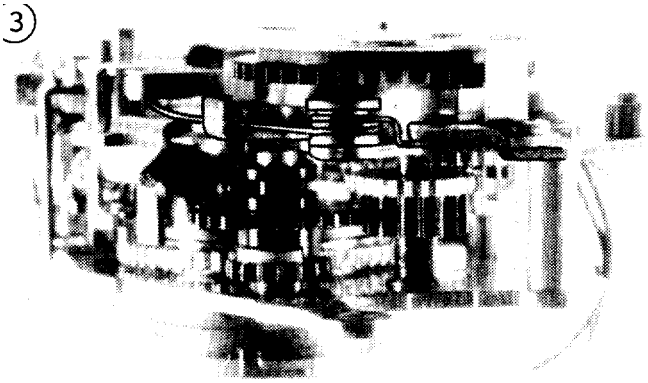
1



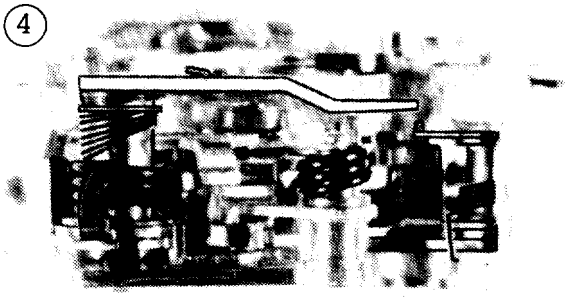
2



3

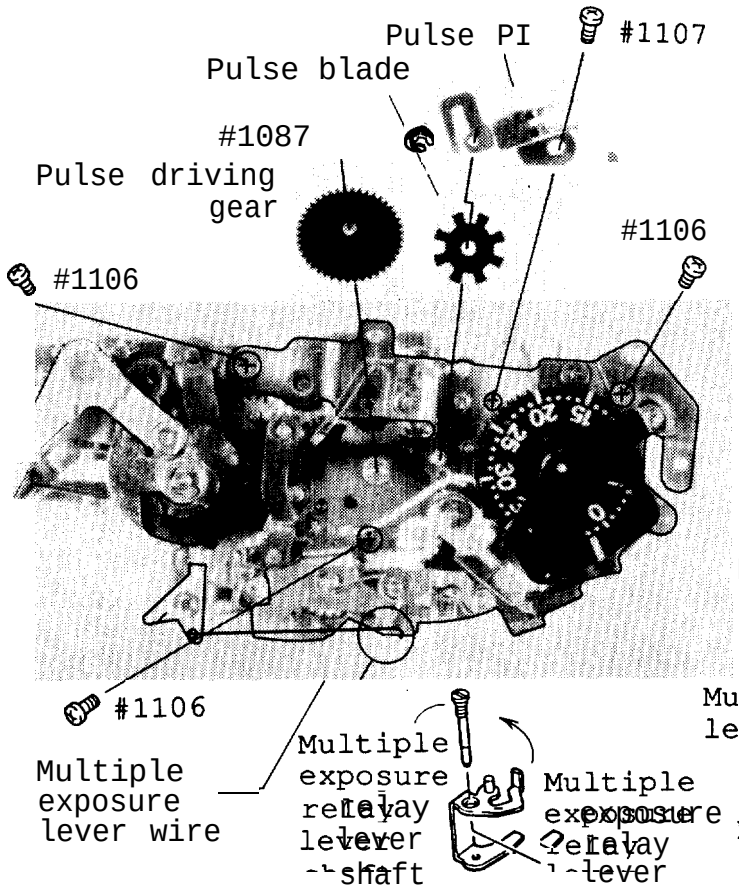


4



Film advance base plate unit, disassetiling, assembling

Disassembling



1) Upper film advance unit (frame counter unit)

Pulse PI #1107

Pulse blade

E clip #1087

(Do not remove pulse driving gear)

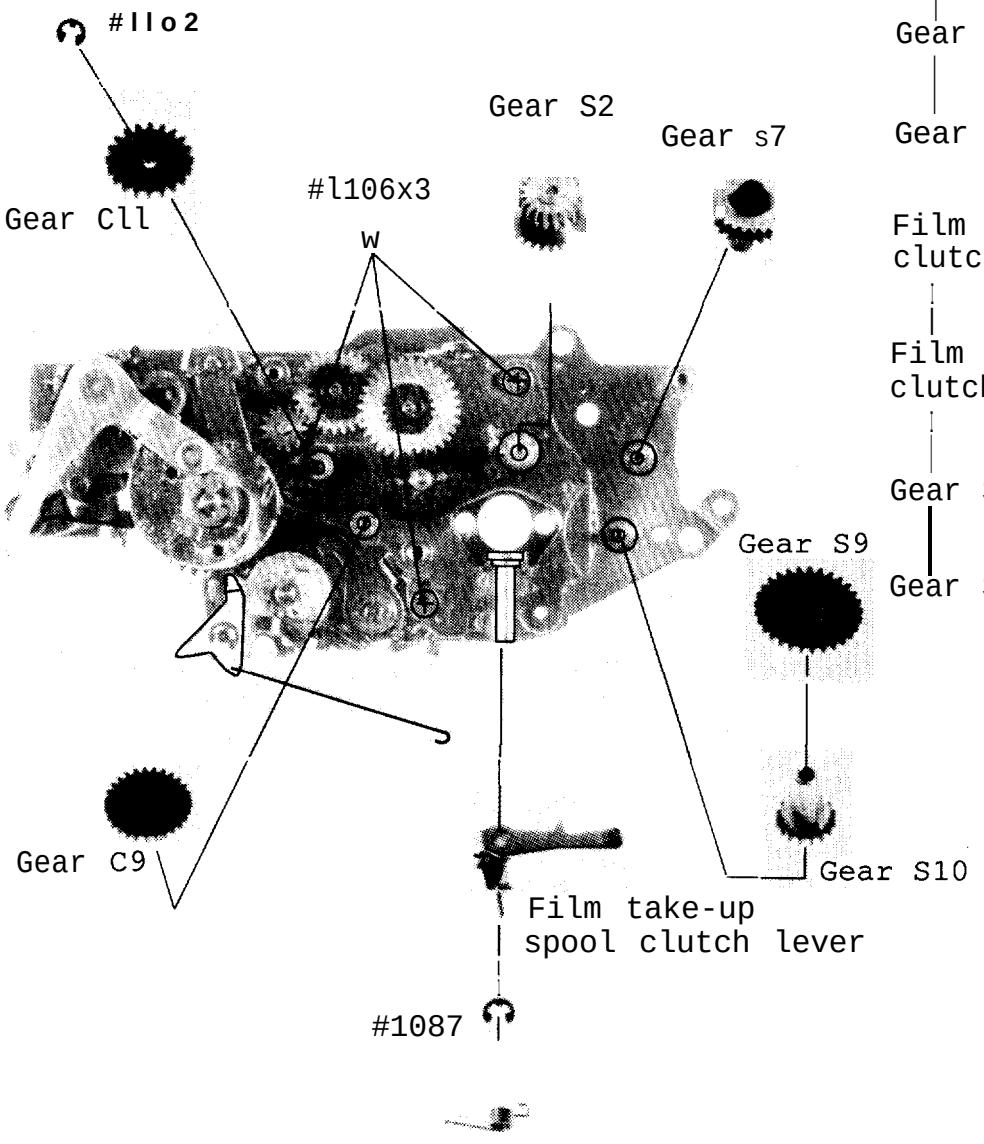
Multiple exposure relay lever shaft

Multiple exposure relay lever

Multiple exposure lever wire

2) Film take-up spool motor (FM) #1019x2 #476

3) Inside film advance unit



Ge,ar S7

Gear S2

Gear S9

Gear C11 #lIo2

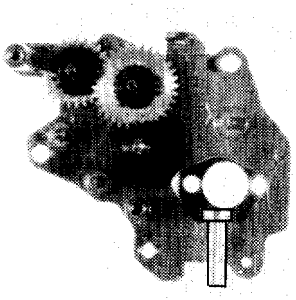
Film take-up spool clutch spring

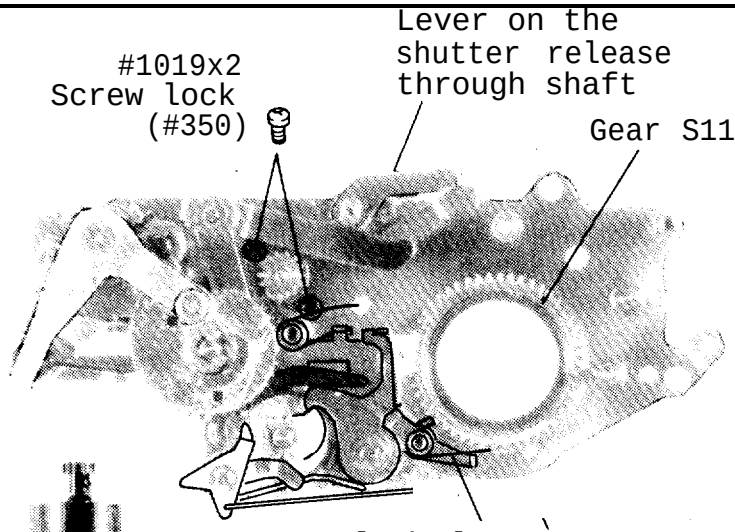
Film take-up spool clutch lever #1087

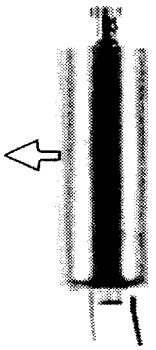
Gear S9

Gear S10

Inside film advance unit







4) Shutter charge motor (MM) #1019x2

Assembling

(See page A12 for applying oil and attaching)

1) Shutter charge motor (MM)

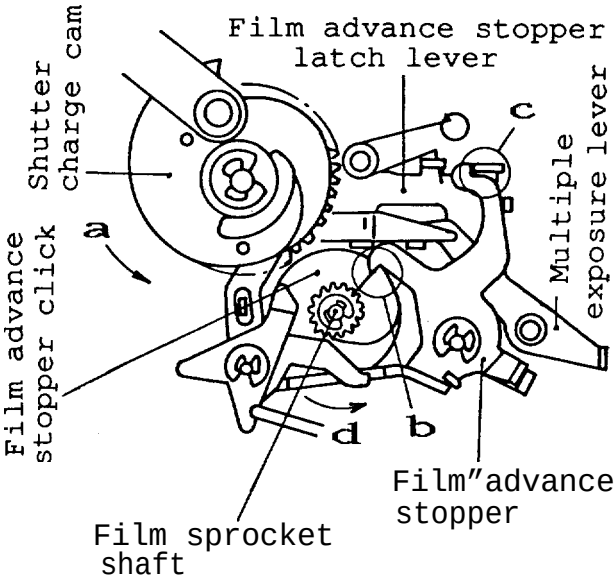
#1019x2

Mount the motor by moving aside in the direction indicated by arrow.

Check the condition of the Film Sprocket shaft Film advance completion.

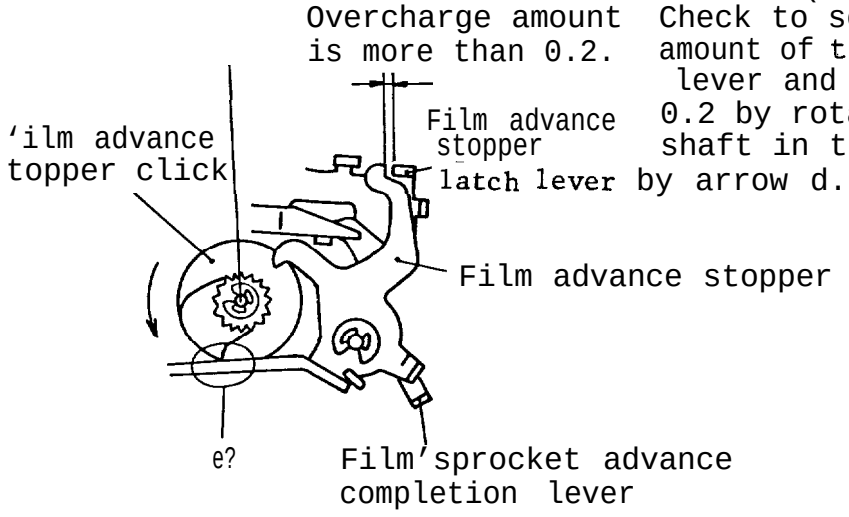
Fig. below:
Film sprocket advance completion state.

Set the Film Sprocket shaft to the film advance completion state

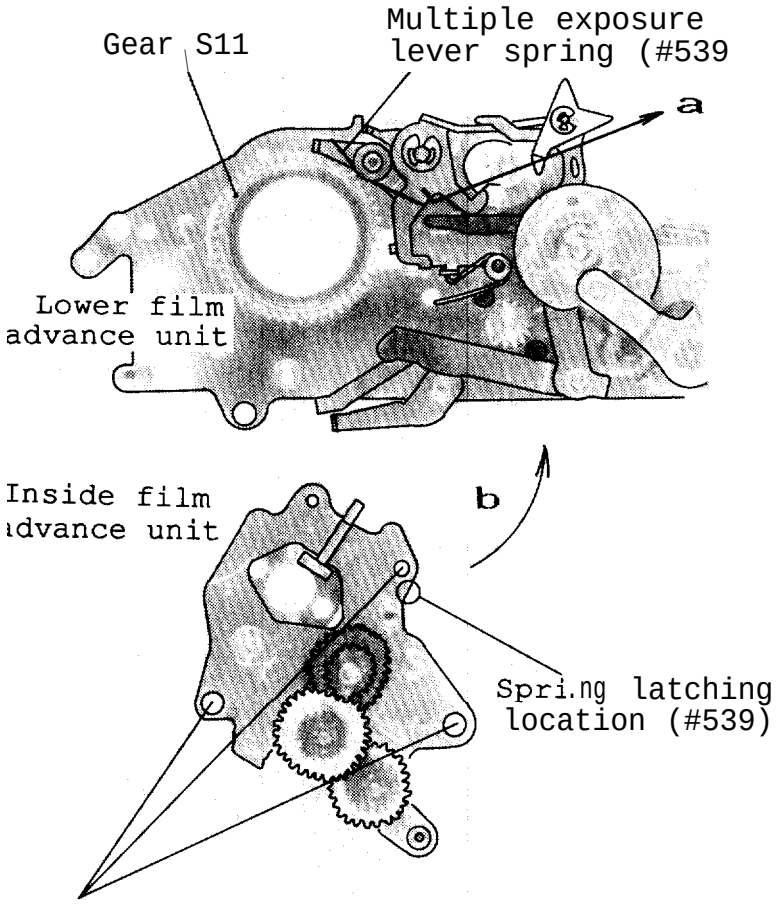


(1) Portions b and c (as shown in the figure) of the film advance stopper will be disengaged from the film advance stopper latch lever when the shutter charge cam is rotated in the direction indicated by arrow a.

(2) Portions b and c will be engaged when the film advance stopper click moves toward the portion e by rotating the Film Sprocket shaft in the direction indicated by arrow d (as shown in the figure) . Check to see if the overcharged amount of theFilm advance stopper latch lever and the stopper is more than 0.2 by rotating the film sprocket shaft in the direction indicated by arrow d. (See left figure)



2) Inside film advance unit



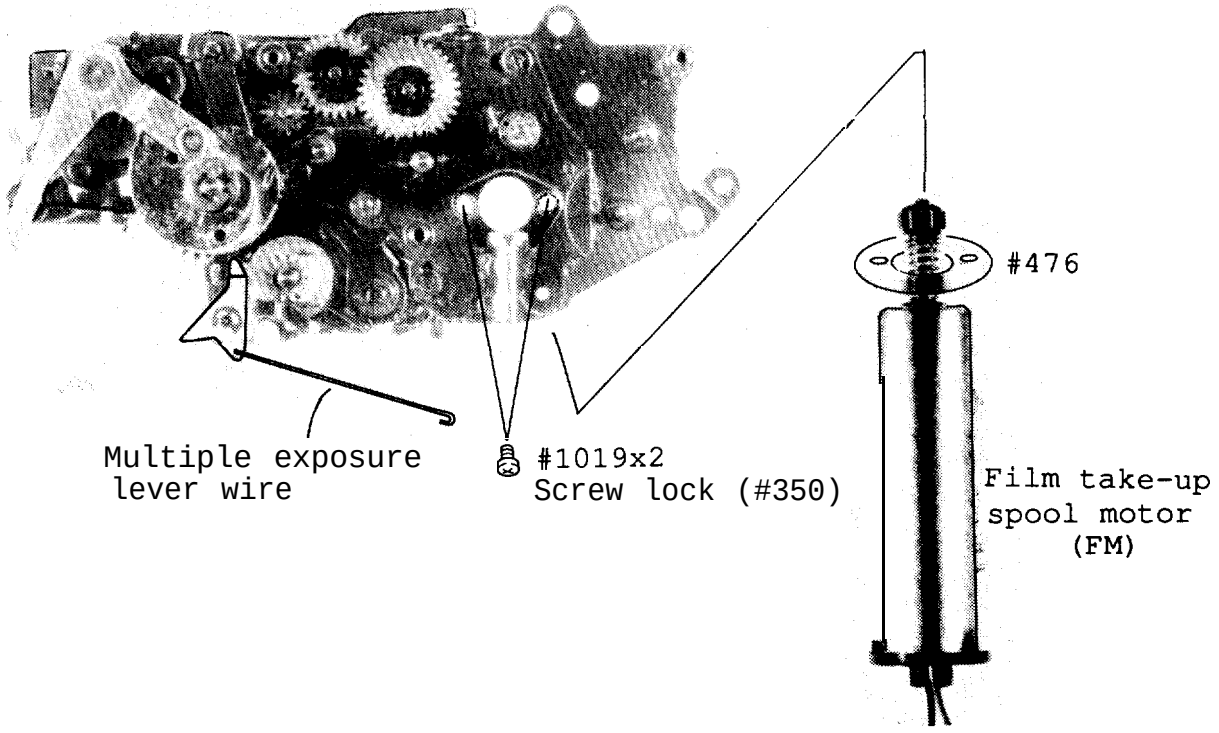
Mount this by rotating the inside film advance unit in the direction indicated .by arrow b while pulling the spring (#539) in the direction indicated by arrow a.

Note : Care should be taken not to pinch the spring (#539) between the lower film advance unit and the inside film advance unit.

~~#1106x3~~

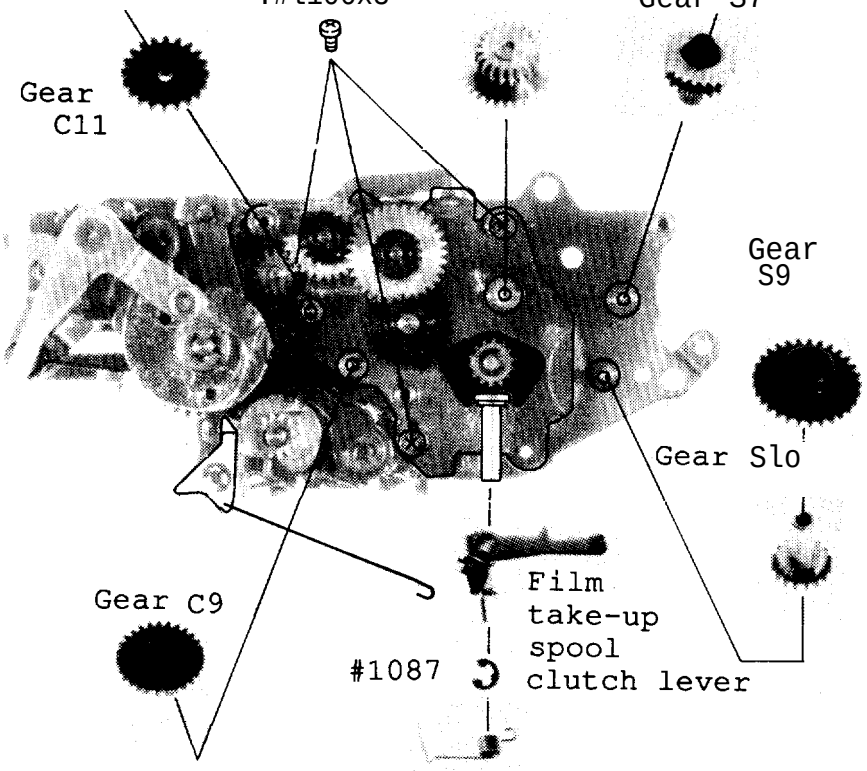
&#l106 x 3
Screw lock (#350)

3) Film take-up spool motor (FM)
#476
#1019x2



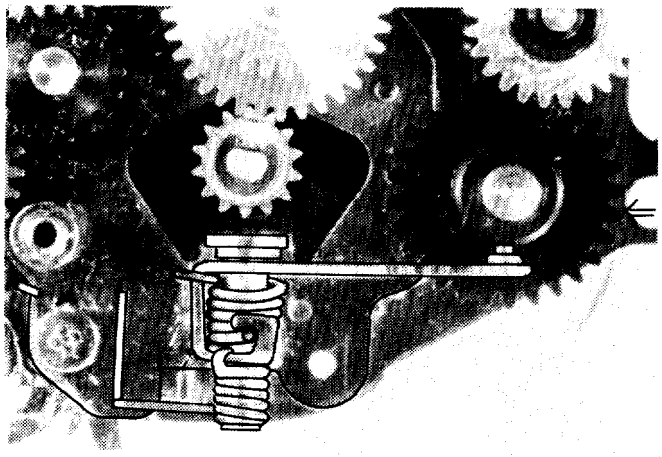
4) Mounting gears

Gear S10
|
Gear S9
|
Film take-up spool clutch lever #1087
|
Film take-up spool clutch spring
|
Gear Cll #1102
|
Gear C9
|
Gear S2
|
Gear S7



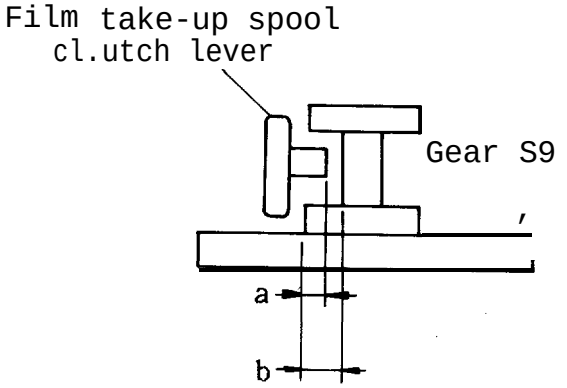
Film take-up spool clutch spring

Apply oil (G92KA) to each gear.
Dip the gear S2 in oil barrier



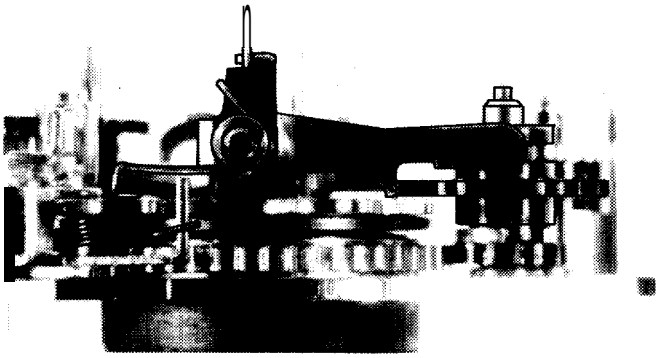
⇐View A

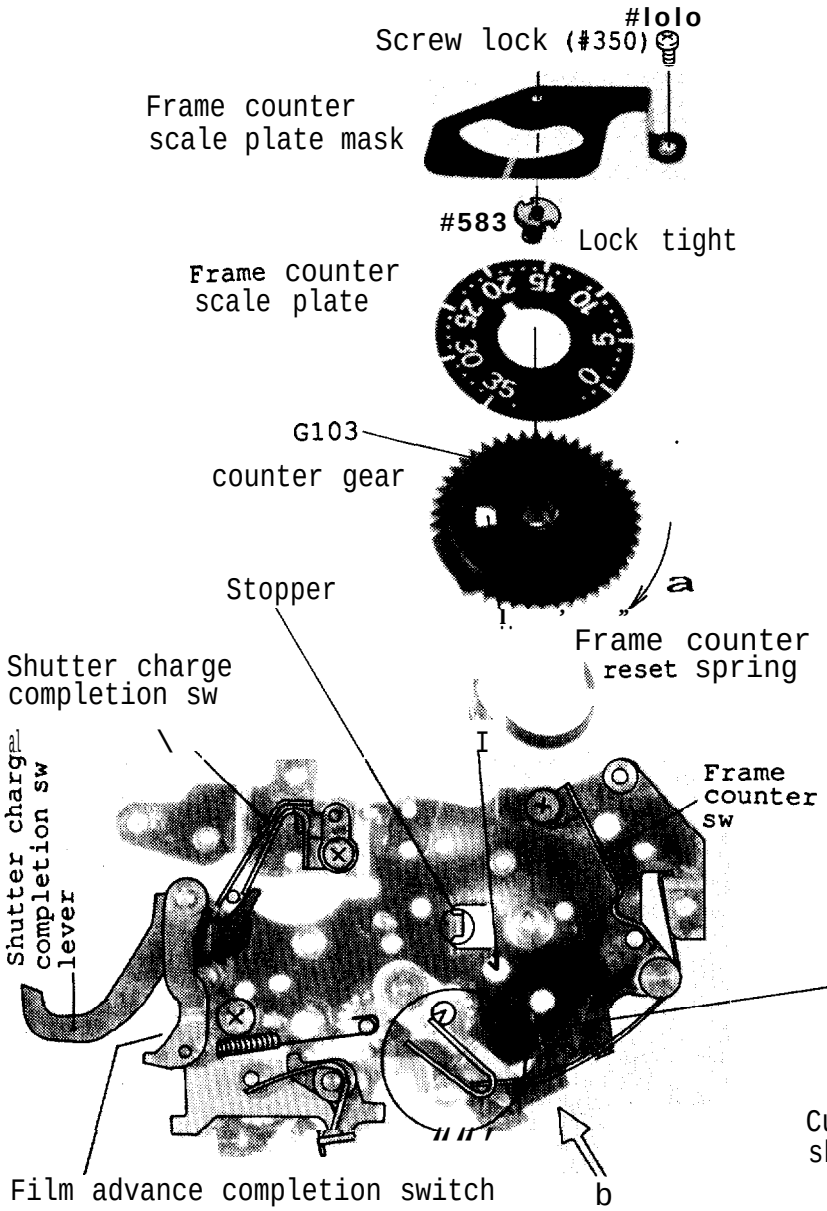
Check the film take-up spool clutch lever latching amount



Length b should be more than half of length a.

View A





5) Upper film advance unit

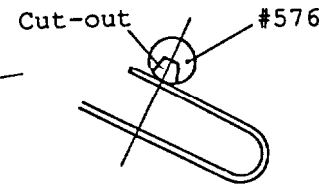
Frame counter reset spring

Frame counter gear
Fix with a stopper after rotation the gear two turns in the direction indicated by arrow a (clockwise)

#583

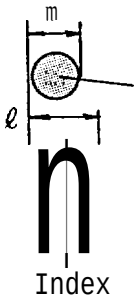
Frame counter scale
Use G103 to stick the projected portion of the frame counter gear and the caved portion of the frame counter scale.

Frame counter scale plate mask #lolo



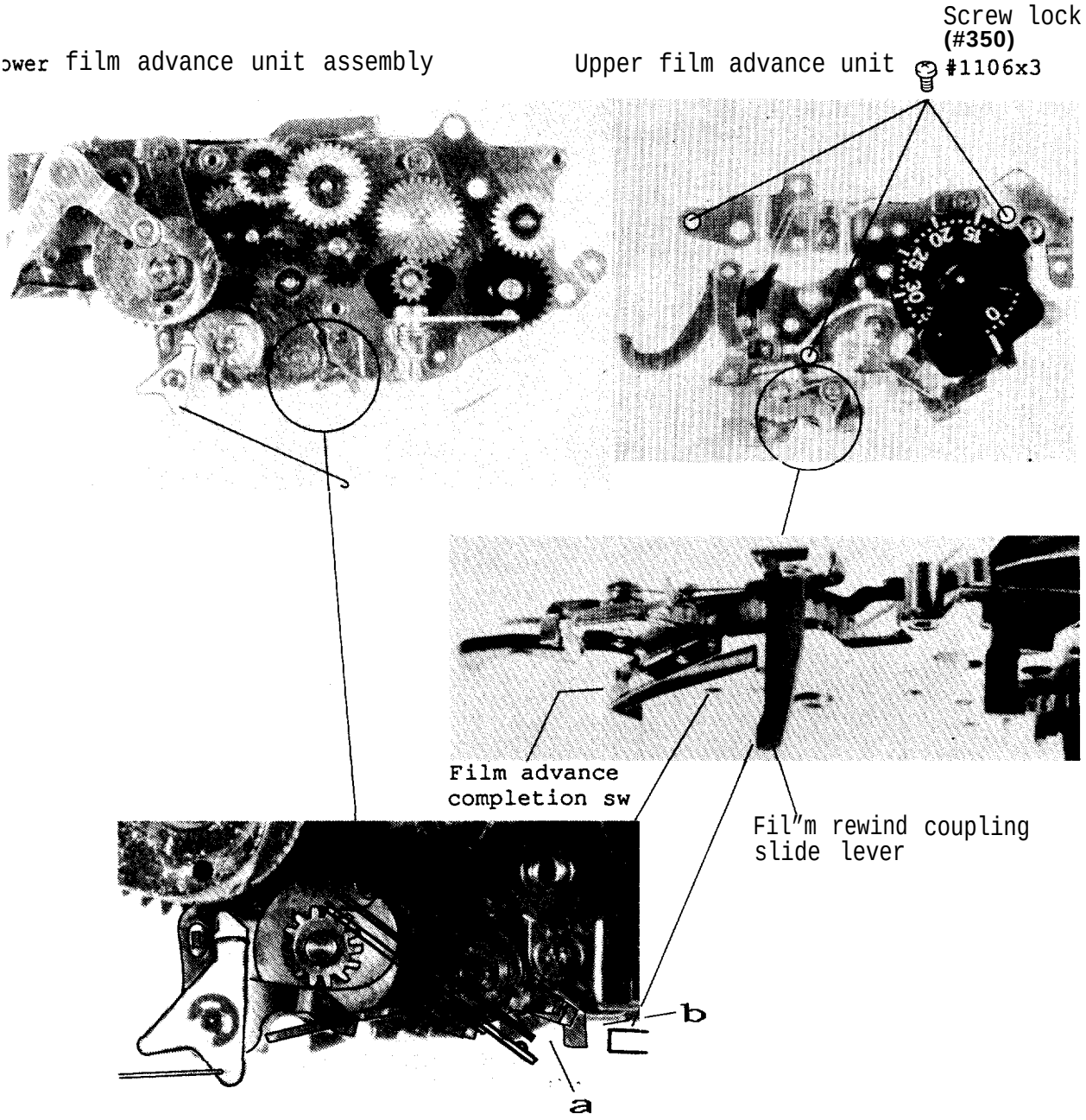
Cut-out of #576 should be faced with #577.

Adhere each screw with screw lock (#350) .
Apply oil (G92KA' on each gear and lever.

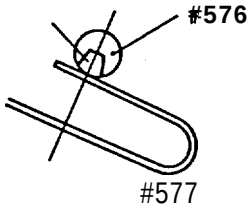


Inspection (ON-OFF)
" Shutter charge completion switch
•Film advance completion switch
• Frame counter switch
Frame counter scale goes off between frame counter 0 and 1 when the frame counter gear is rotated clockwise.
•Check the location of the frame counter scale mask
Frame counter scale is within the range of more than 2/3 of the width of the counter index (counter scale plate mask) . See the figure at left.
Adjustment : Adjust by moving the frame counter scale plate mask after unfastening #lolo.

6)-Mounting upper film advance unit
*Small parts (see page A14)



Lower film advance unit assembly
Set the film sprocket shaft and the shutter charge cam to, the film advance completion state.

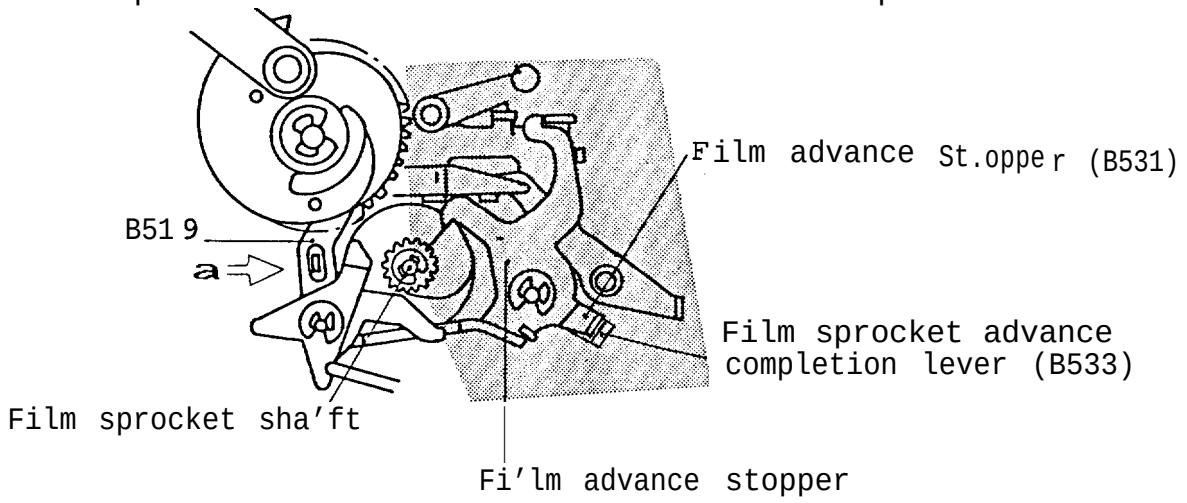


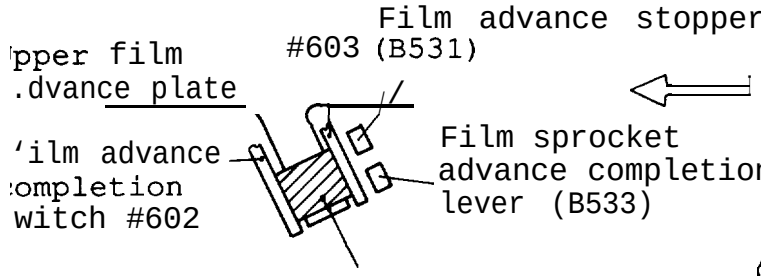
Upper film advance unit
Set the cut-out of #576 to the proper place as shown in the figure at left.
Mount the unit so that the contacts of the film advance completion switch comes to the location indicated by a in the lower film advance unit assembly, and the film rewind coupling slide lever comes to the location indicated by b in the lower film advance unit assembly. (See above figure)

#l106x3

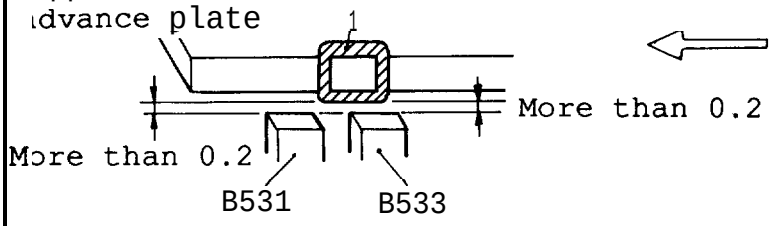
On-off inspection of film advance completion switch

Film sprocket shaft is in the film advance completion state.

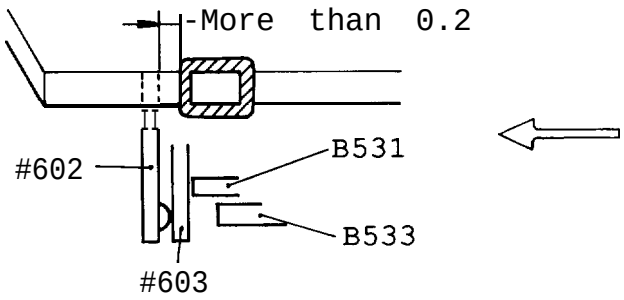




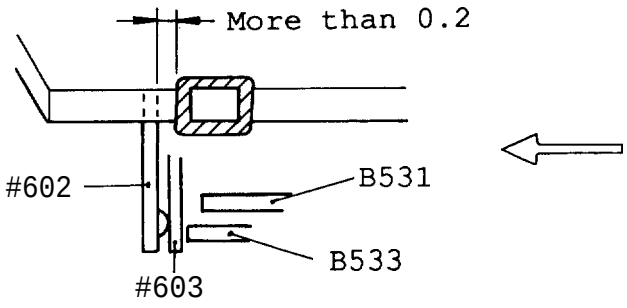
(1) Film advance completion switch is off in the film sprocket shaft advance completion state.



(2) The gap between the lower part of the thermal contraction tube (#564) and the upper side of #B531 and #B533 is more than 0.2 when rotating the film sprocket shaft while depressing #B519 in the direction indicated by arrow a.



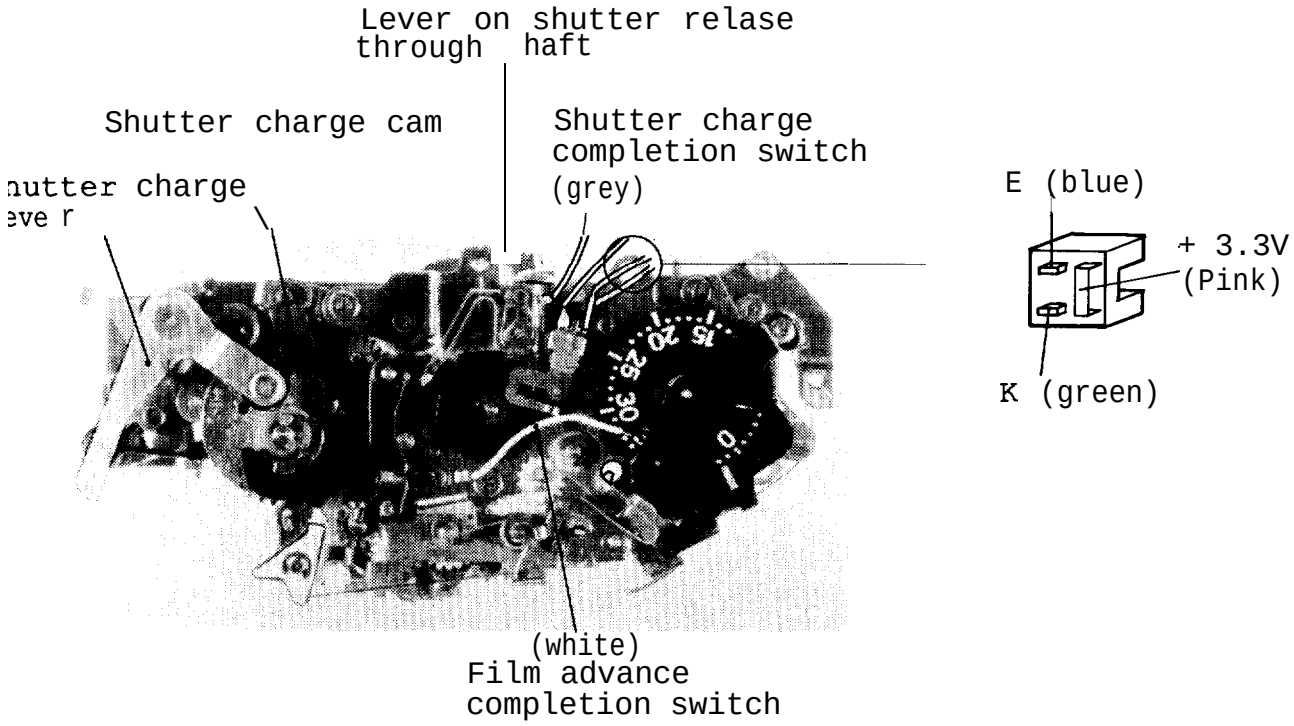
(3 Depress #519 in the direction indicated by arrow a while film sprocket shaft is in film advance completion state. (Set to the film advance stopper release state.) Make sure that film advance completion switch goes on by #B531 and the gap between the thermal contraction tube (#564) and #602 is more than 0,2.



(4) Rotate the film sprocket shaft in the above state. Make sure that the film advance completion switch goes on by B533 instead of #531. And the gap between the thermal contraction tube (#564) and #602 is more than 0.2.

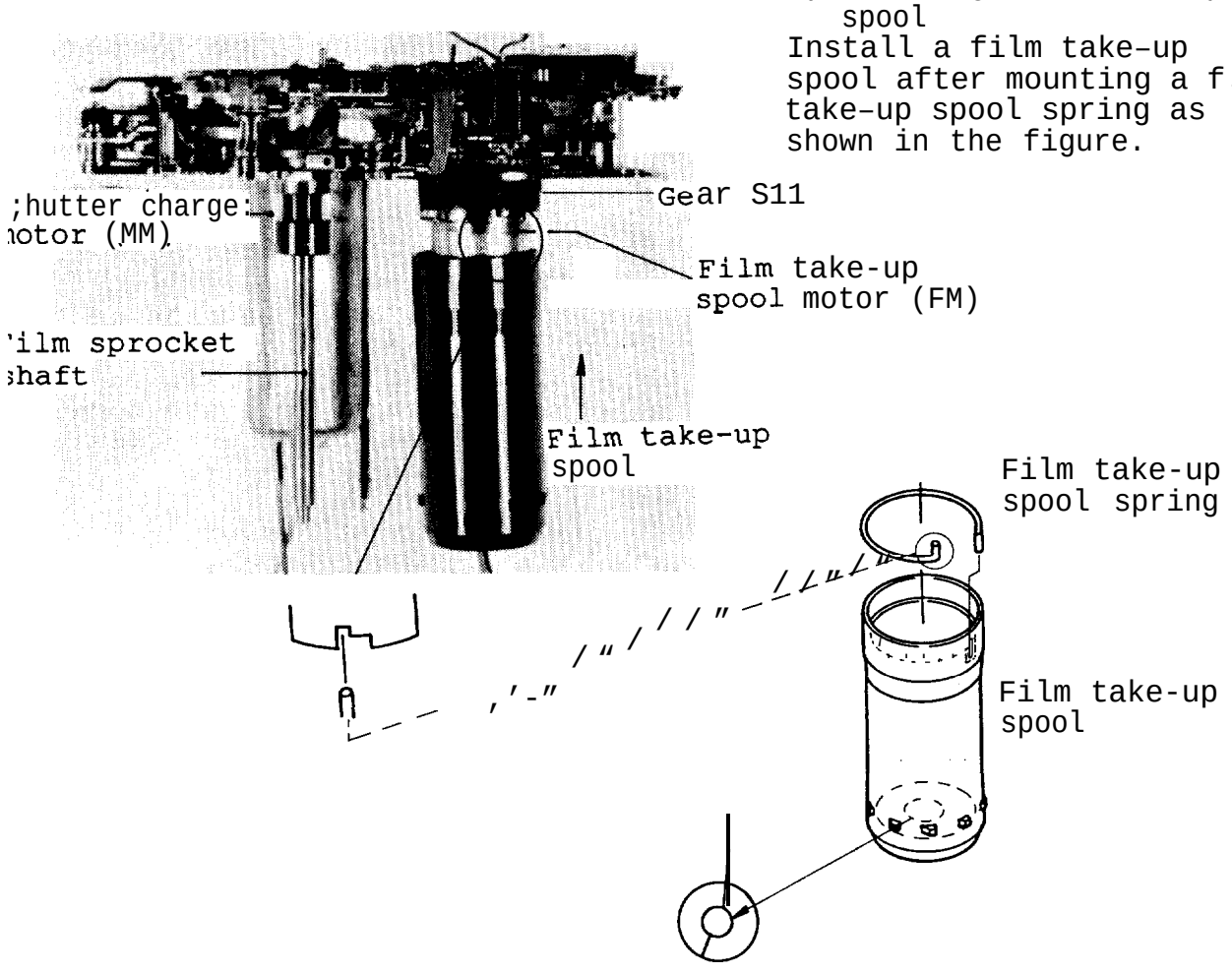
Mounting film advance base plate unit

Figure below: Film advance completion state

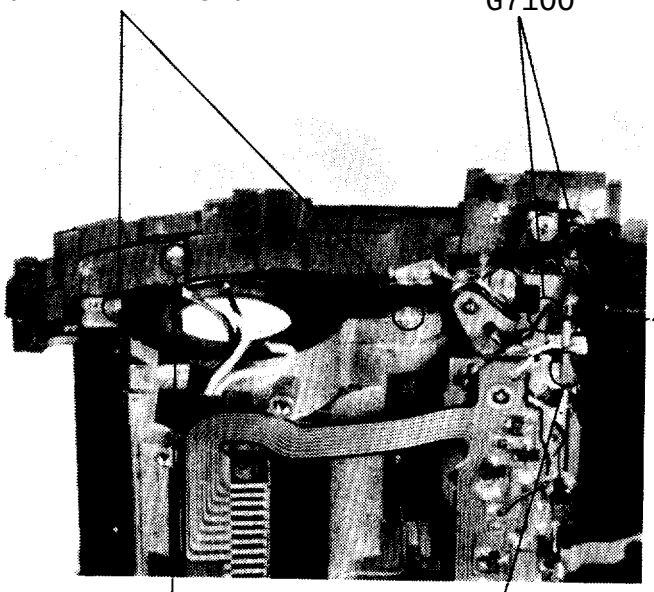


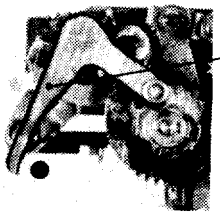
1) Mounting film take-up spool

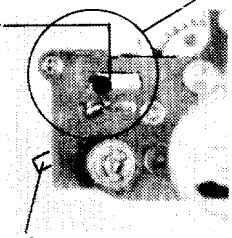
Install a film take-up spool after mounting a film take-up spool spring as shown in the figure.



Z)Latched portion of film advance base plate and shutter.
•: Indicating latched portion







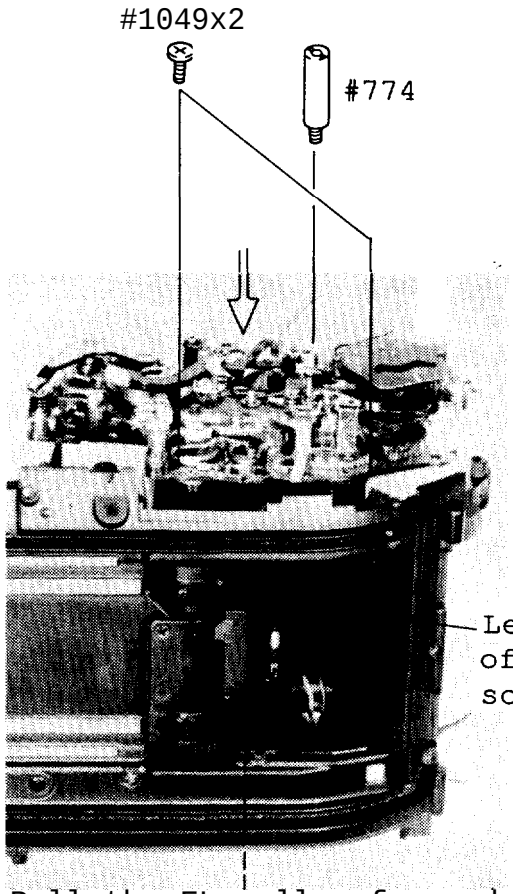
Resetting method
Reset the shutter Mg set lever by depressing the lever on the shutter release through shaft (see page A22) while setting it to the film advance completion state by rotating the shutter charge cam counterclockwise .

3) How to install film advance base plate unit.

(1) Reset the shutter Mg set lever by depressing the lever on the shutter release through shaft after setting to the film advance completion state by rotating the shutter charge cam counterclockwise .

(2) Set to the film sprocket shaft advance completion state by rotating the film sprocket shaft counterclockwise .

(3) Mount the film advance base Plate by pulling the EL roller forward.



Pull the EL roller forward and mount a film take-up spool on the film advance base plate unit.

Note:
• Film advance base plate should be surely fixed in the film advance base plate positioning pin.
•Film advance base plate and shutter are surely latched.
• Film take-up spool motor (FM) cables should not be pinched.

(4) (See page A21)
Mount film advance base plate mounting screws (#1049x2, #774) after resetting the film advance stopper by depressing B519 in the direction indicated by arrow a.

Temporarily fasten the film sprocket screw (#1074xl) (the left side sprocket screw)

Inspection

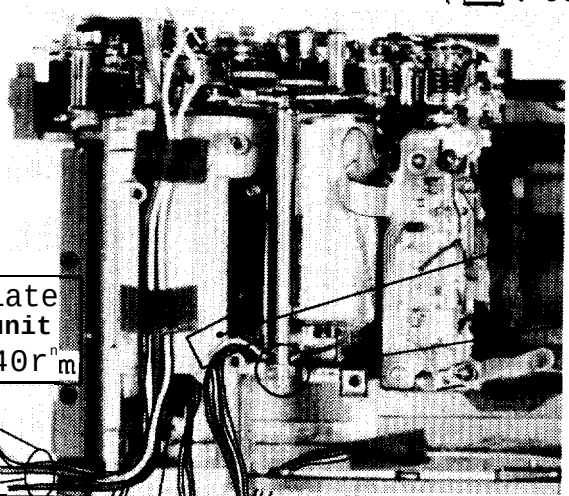
a. Shutter charge
Rotate the shutter charge cam counterclockwise.

b. Shutter release
Depress the lever on the shutter release through shaft

It turns to T (time)

Reset the T by moving the T lever in film rewind direction.

(5) Cable arrangement
(□: Junction cables)



Adhesive tape for arranging cables

G103

Power supply base plate -- main FPC **bottom unit** **(orange)(black) L** = 140mm

Power supply base plate -- power Tr. FPC (orange)(black)L = llOmm

Shutter charge motor (MM) (yellow) (black)

Film detection switch (brown

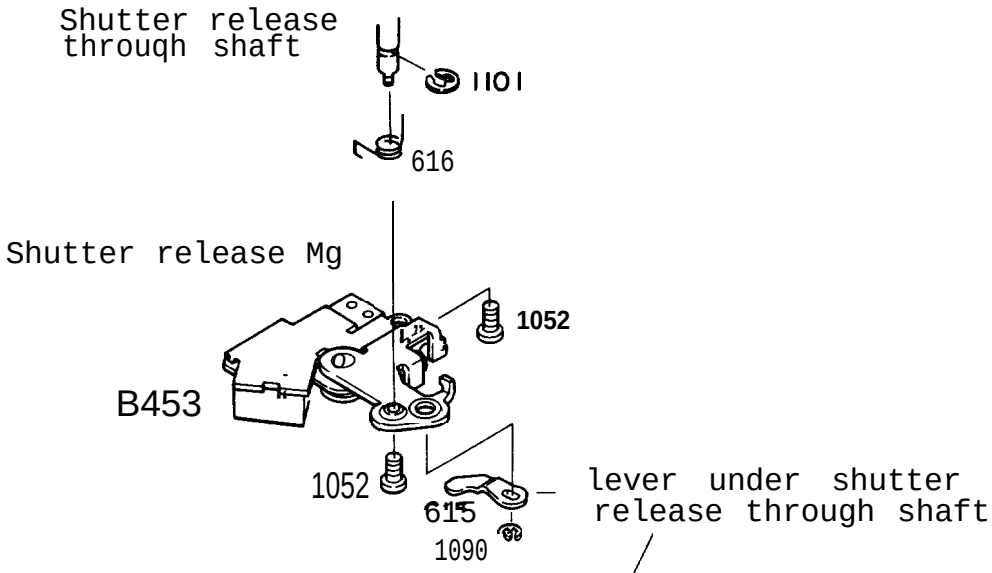
PTr-E (grey)
PTr-C (white)
PTr-B (purple)

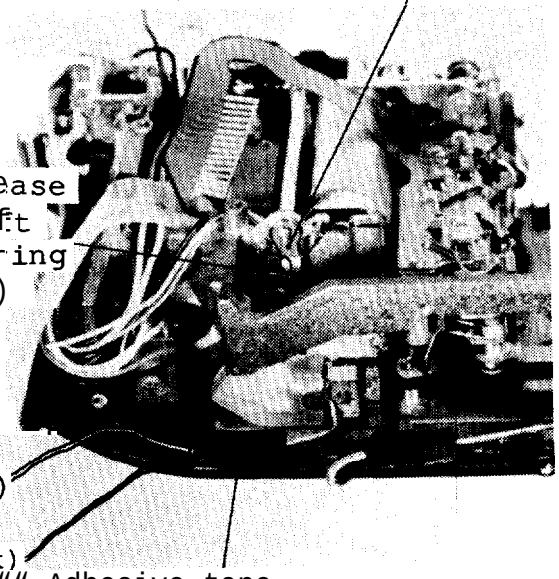
Film rewind motor (RM) (pink) (blue)

PTr (3V)

Film film-take-up spool motor (FM) {red) (black)

Shutter release Mg, Lever under shutter release through shaft

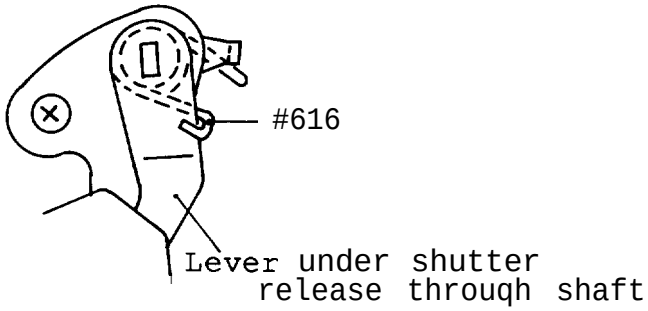




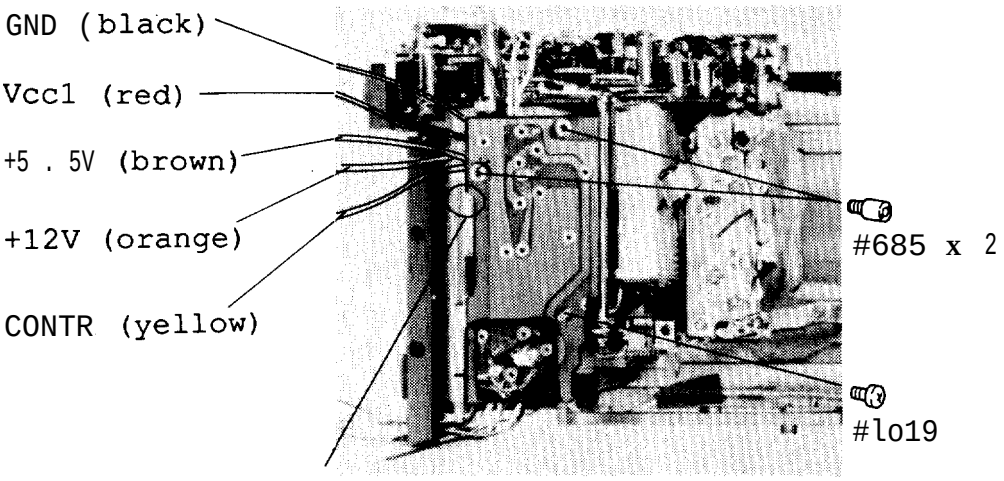
Inspection

a. Thrut play of shutter release through shaft: 0.1 -- 0.3
b. charge amount of the lever under the shutter release through shaft: More than 0.2
Check the charge amount by rotating the shutter charge cam counterclockwise.

Spring latching

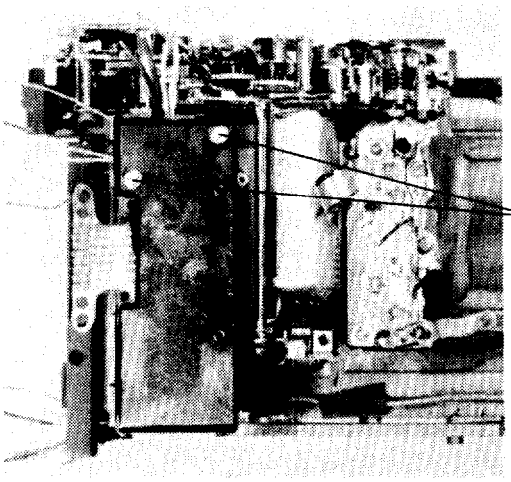


DC-DC converter base plate

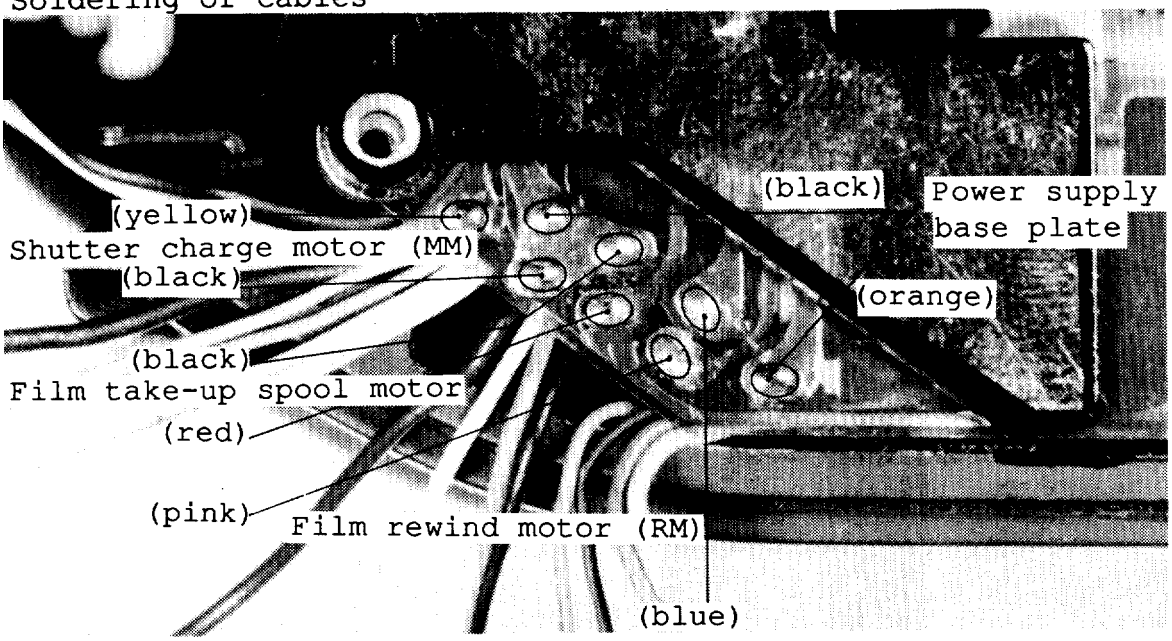


*Be sure not to pinch cables.

Power Tr FPC unit

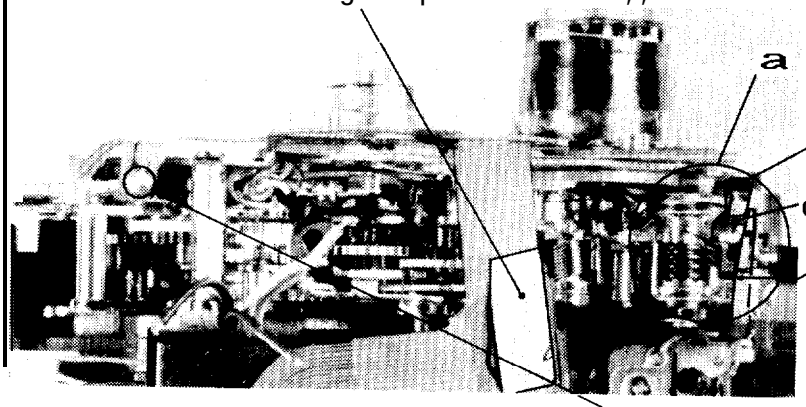


Soldering of cables



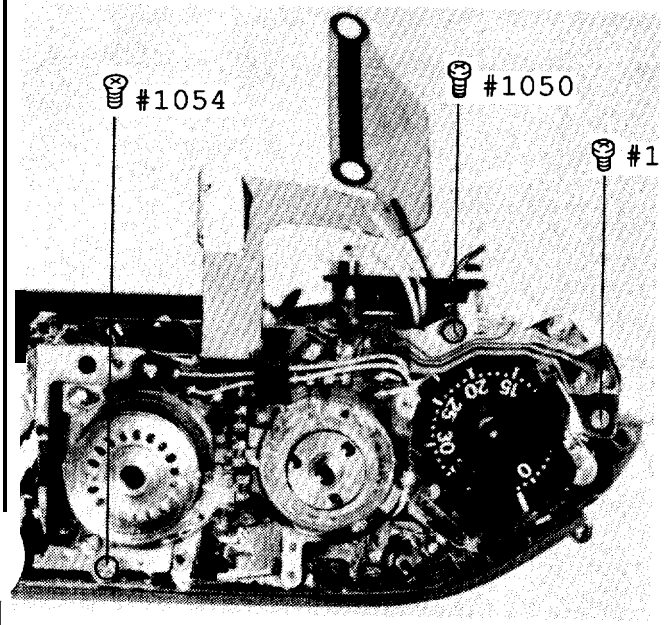
Shutter speed dial base plate

1) T (time) lever
RI set lever
Latched position



• T (time) lever

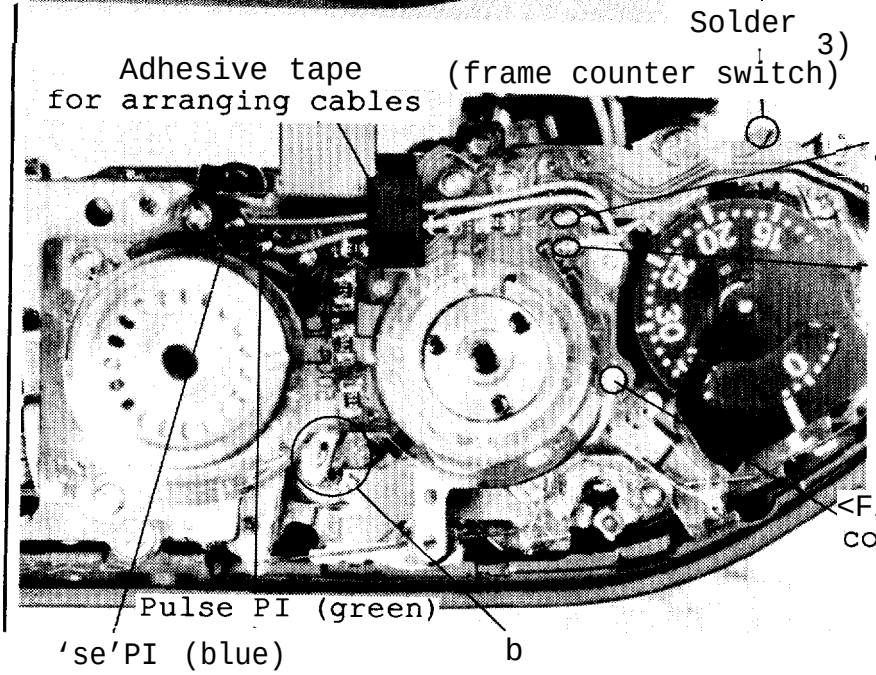
See the portion indicatec by a in the figure.



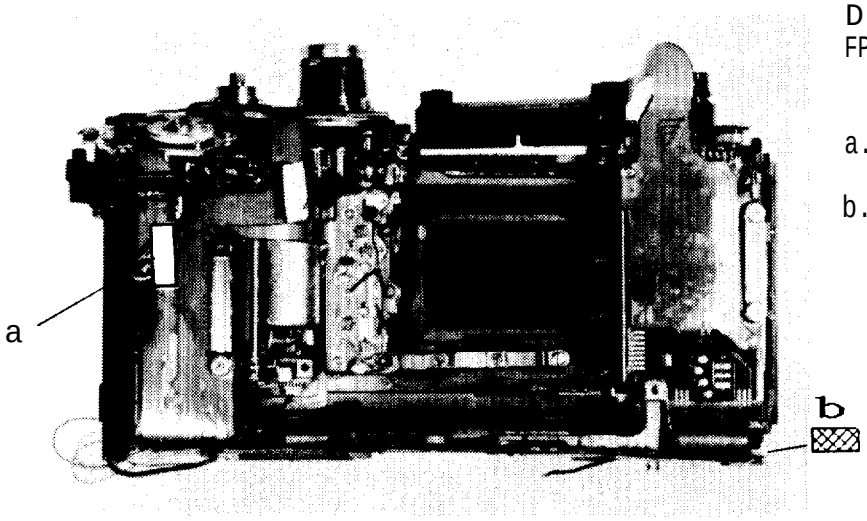
•RI set lever
See the portion indicatec by b in the figure.
R1 set lever on the film advance base plate (upper film advance unit-) and R sw lever on the shutter speed dial base plate should be latched.

2) Mounting shutter speed dial base plate
#lo50
#lo54
#1106

3) Soldering cables



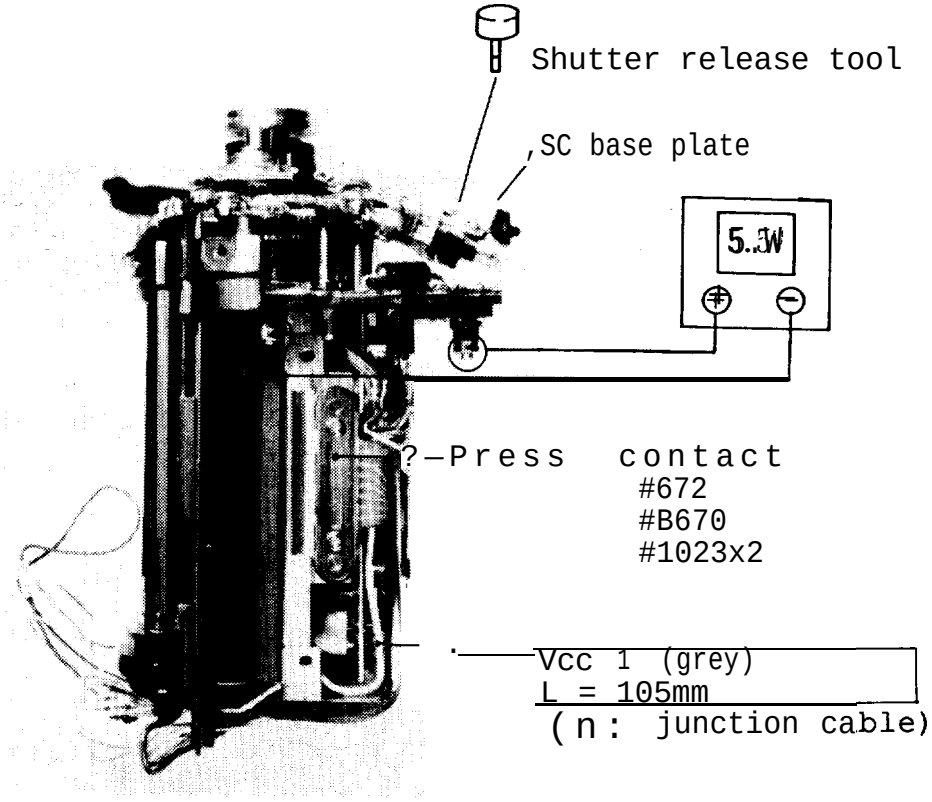
Mounting Main FPC



Refer to pages D1O to Dll when mounting main FPC .

a. Insulating tape

b. Adhesive tape for arranging cables. Adhere cables on the rear side of the main FPC.



Checking camera back

(Refer to above figures)

1) Set the SC base plate as shown in the above figure.
2) Press contact the film advance side press contact.
3) Supply 5.5V power to the power supply base plate.
4) Mount a shutter release tool (self-made tool)

Note : Set the shutter speed dial to 1/4000 sec. or slower until AE adjustment is completed.

A. Check the back body (as shown on page A28) .

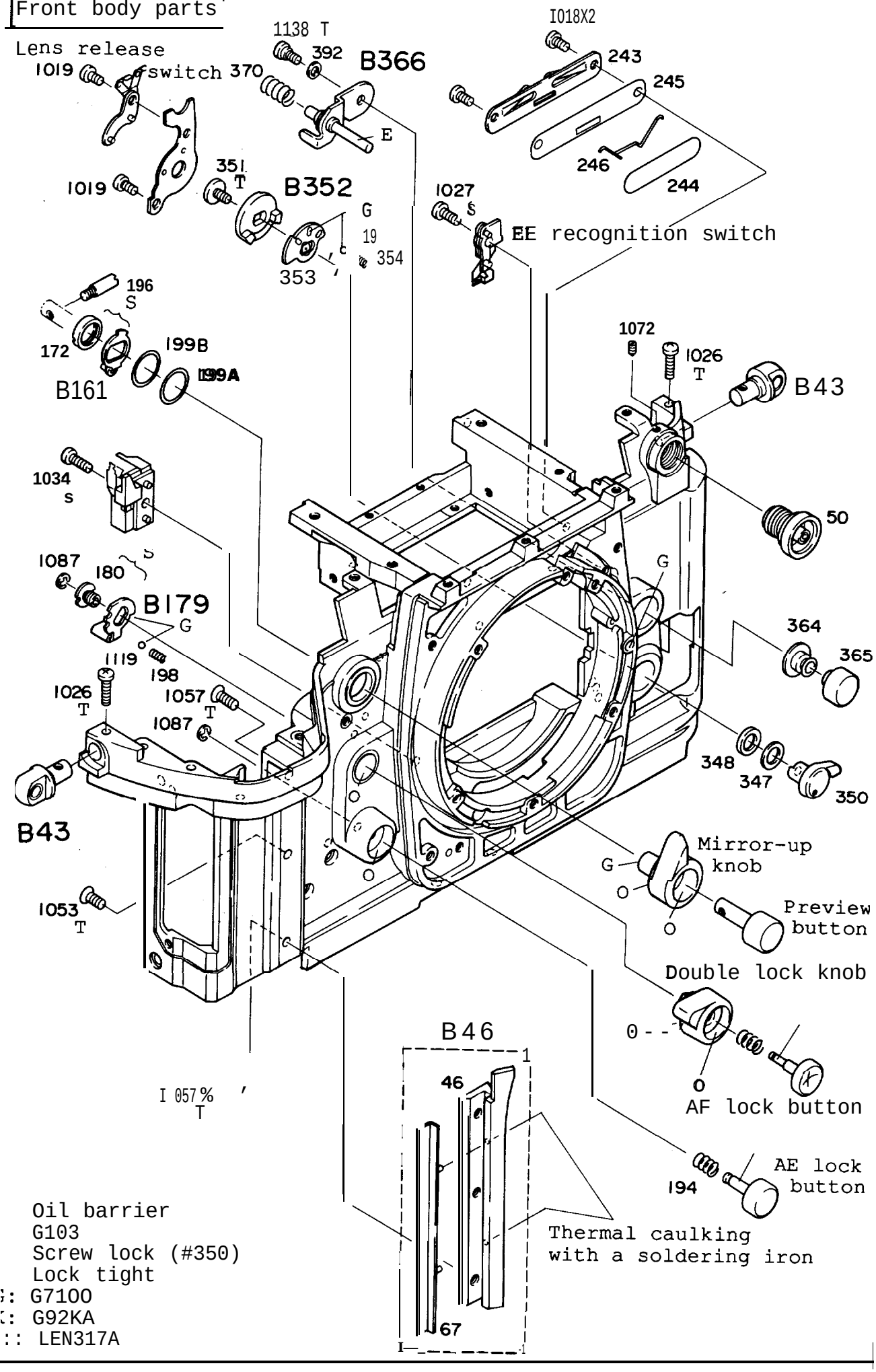
- Set the exposure selector mode to M
- Turn off the camera back switch (push the camera back switch pin)

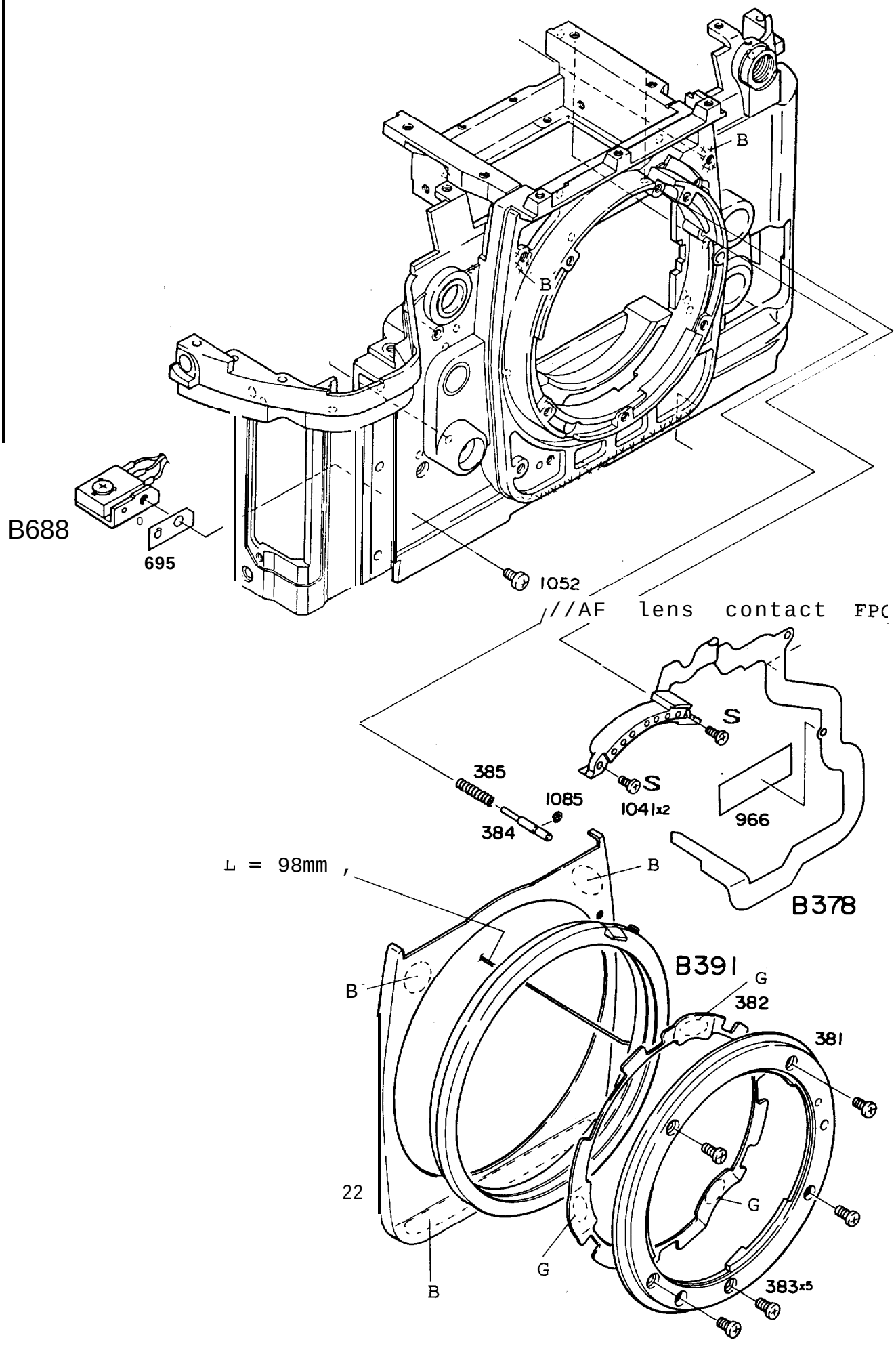
(1) Shutter release
(2) Shutter speed
(3) Mechanical shutter charge sequence
(4) S-C mode (L, S, C_H, C_L, C_S, Self-timer)

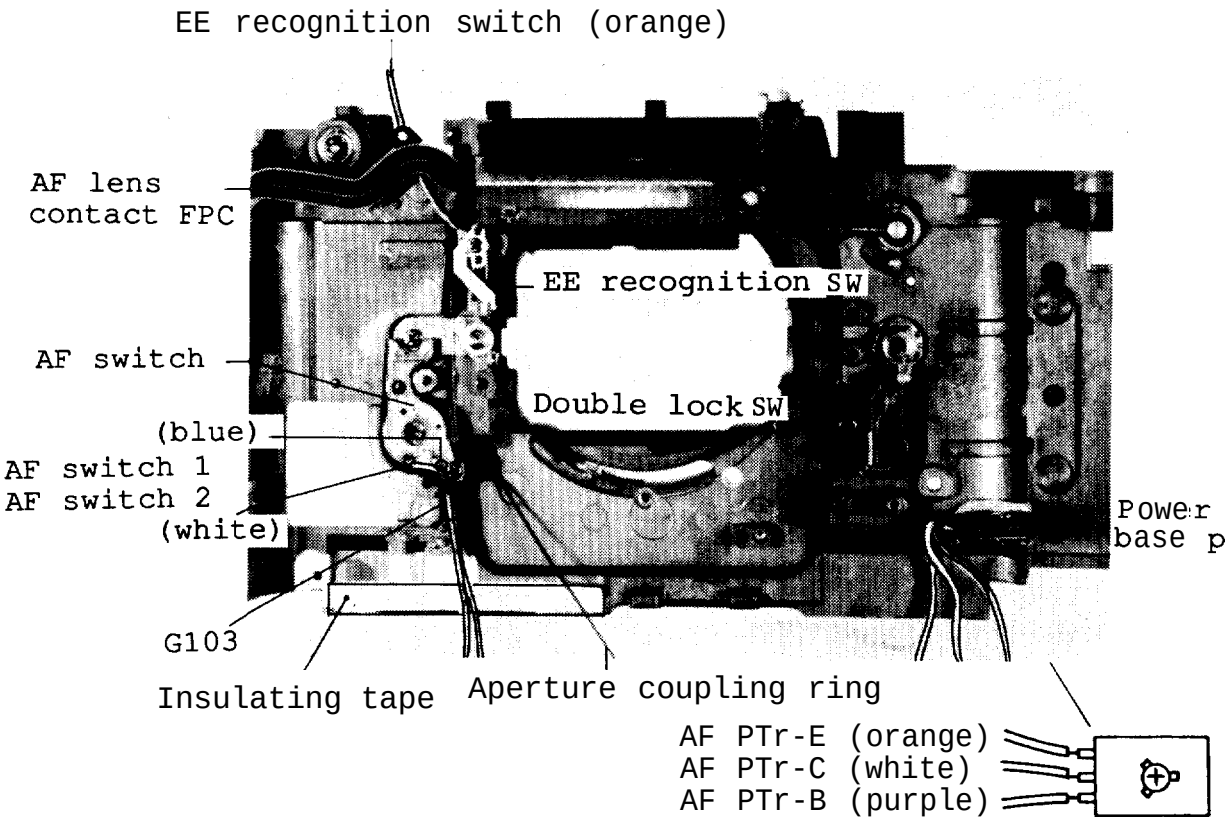
B. Personal computer and back body inspection
(Hook up personal computer and communication tool [J15279])

(1) Inspection of operation
Film take-up spool motor
Film rewind motor
Shutter release
Mechanical shutter charge sequence
(2) Inspection of switches
(3) Inspection of dials
(4) Inspection of LCD display

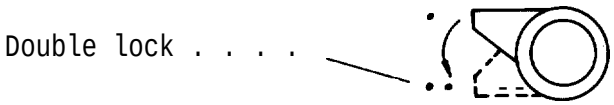
Front body parts



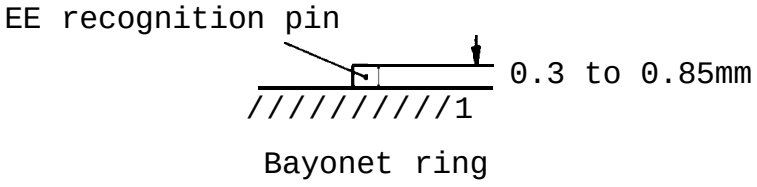

B
B
B688
695
1052
///AF lens contact FPC
S
S
385
1085
384
1041x2
966
B378
L = 98mm
B
B391
B
G
382
381
22
G
G
B
383x5



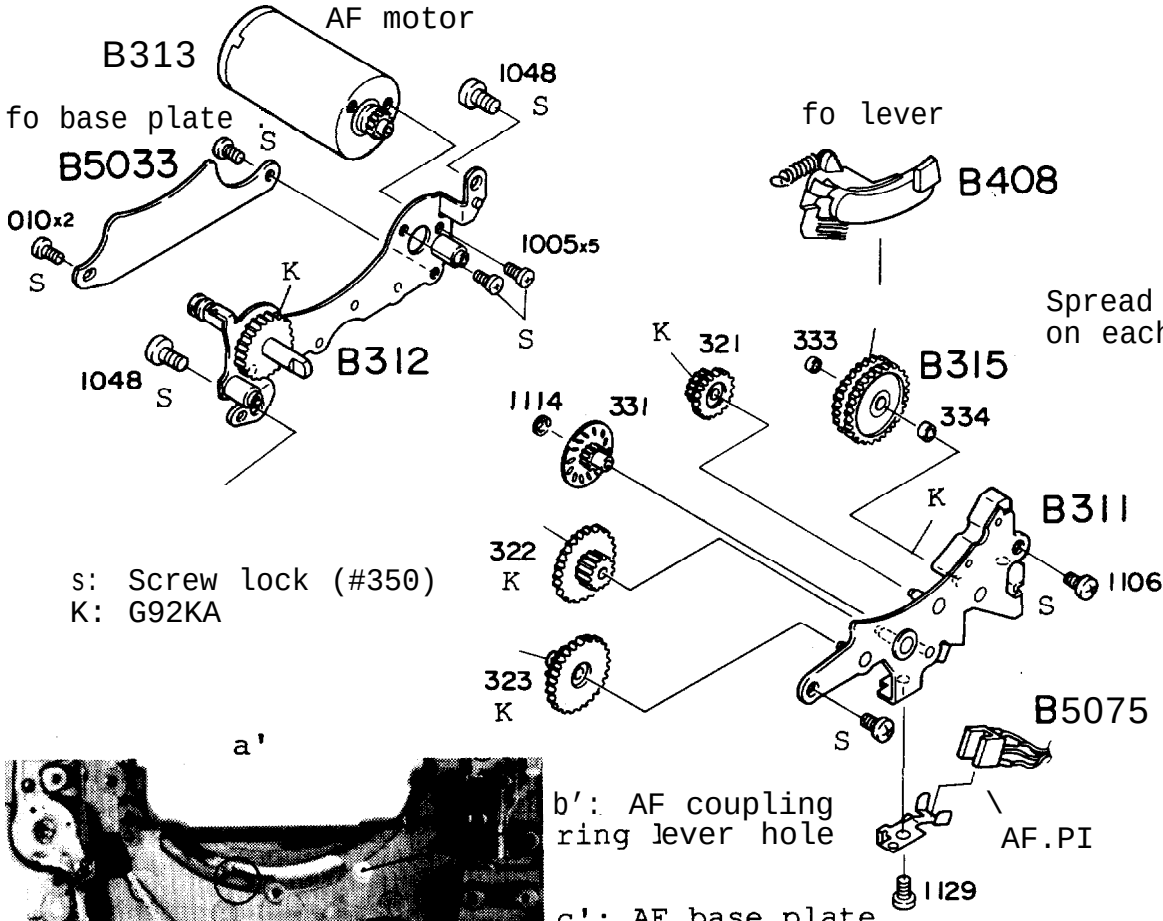
1) Checking double lock switch
The switch turns on when the double lock knob is set to the double lock side.

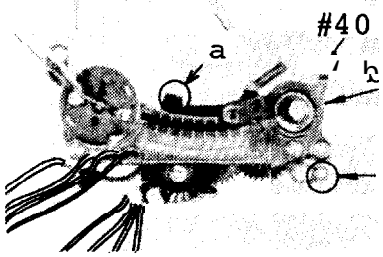


2) Checking EE recognition switch
The switch turns off at the height of 0.3 to 0.85mm from the bayonet ring surface.



AF base plate unit, fo base plate unit



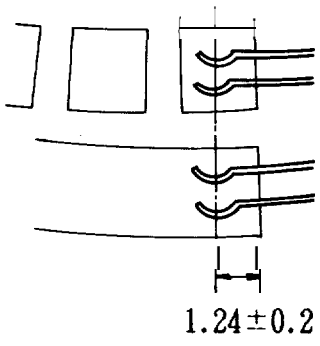


b : AF coupling ring lever

c : Note: Do not bend fo lever brush

Checking fo base plate brush positioning

Adjustment of btush position on fo base plate



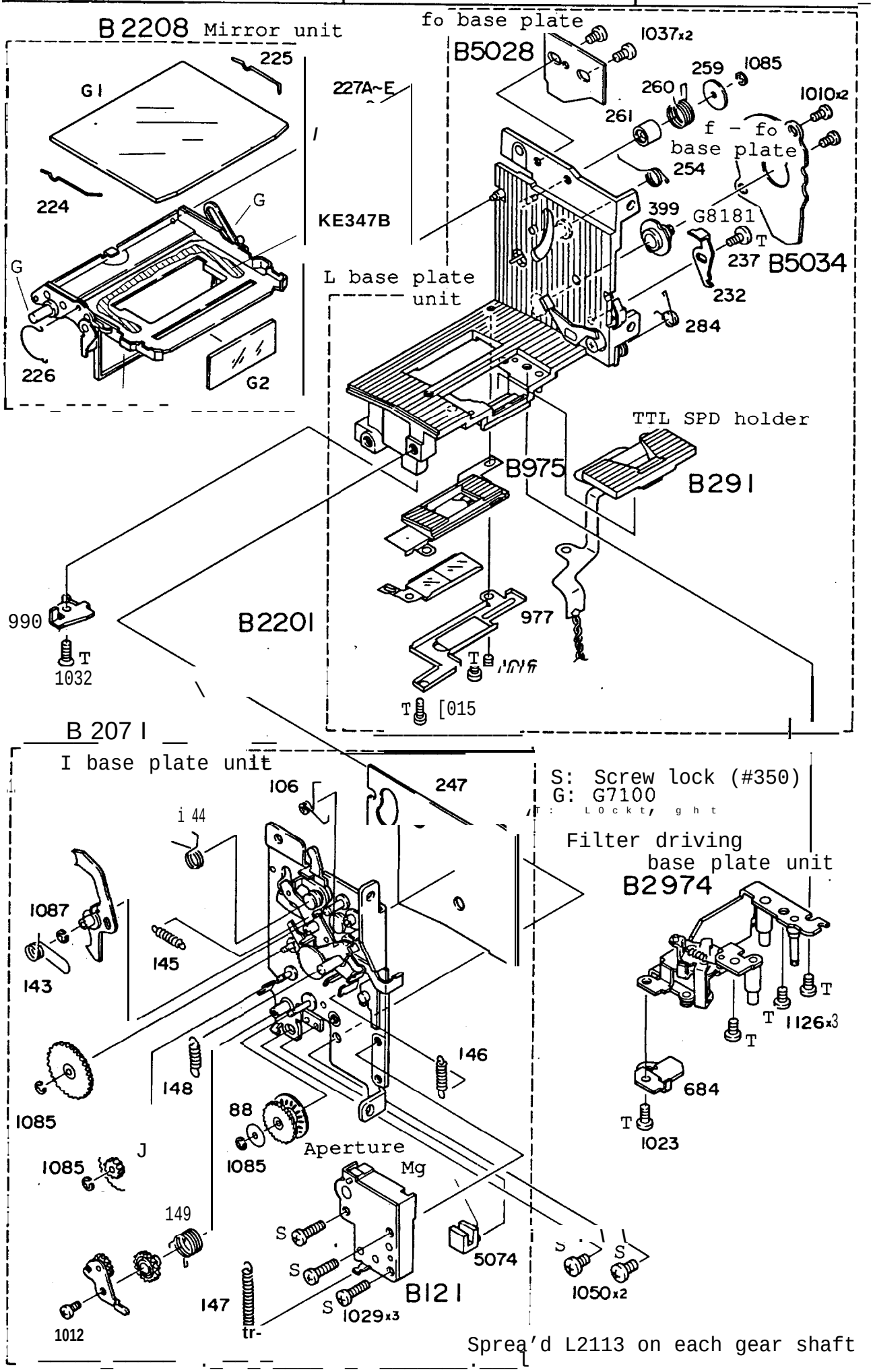
Mount the fo lever on the AF base plate unit,

Mount the AF base plate unit on the front body by adjusting levers and pin indicated by arrows in the figures:
a – a': fo lever
b – b': AF coupling lever
c – c': AF base plate positioning pin

#1048x2

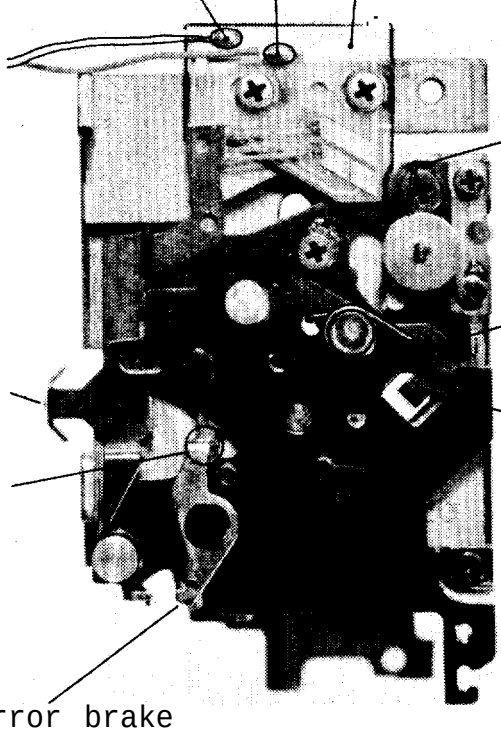
Hook the AF lever spring (#410) on the hook.

There should be a space between brush contact portion and end of fo pattern when lens is not attached.

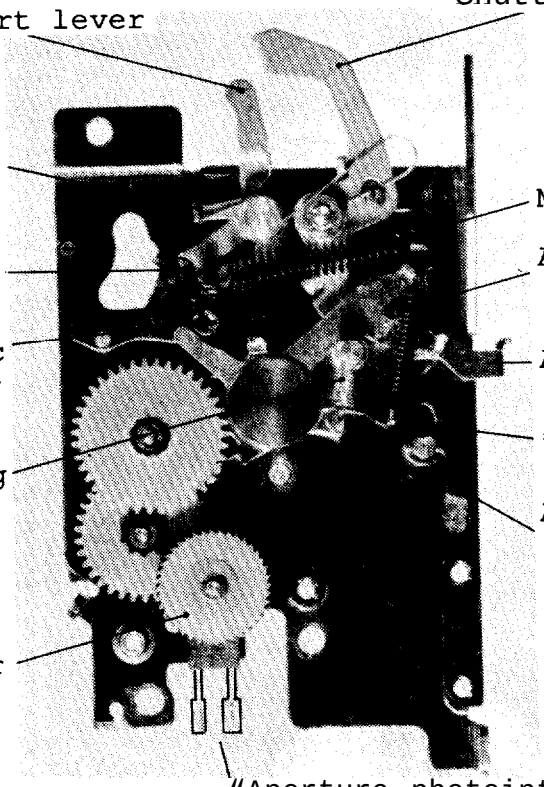

B 2208 Mirror unit
G1
225
224
G
226
G2
227A~E
KE347B
fo base plate
B5028
1037x2
259
1085
260
261
1010x2
f - fo base plate
254
399
G8181
T
237
B5034
232
284
L base plate unit
TTL SPD holder
B975
B291
990
T
1032
B2201
977
T
T [015
B 207 I
I base plate unit
106
247
i 44
1087
143
145
148
146
1085
88
1085
Aperture
J
1085
Mg
149
S
S
S
1029x3
147
tr-
1012
5074
S
S
1050x2
S: Screw lock (#350)
G: G7100
T: Locktight
Filter driving base plate unit
B2974
T
T
1126x3
T
684
T
1023
Sprea'd L2113 on each gear shaft

Mirror box unit

L base plate unit

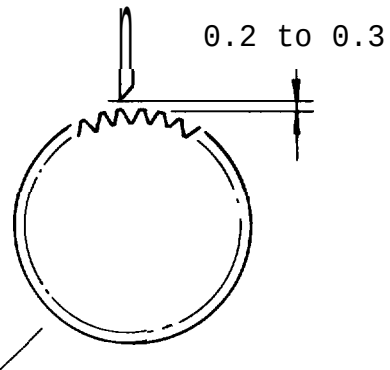


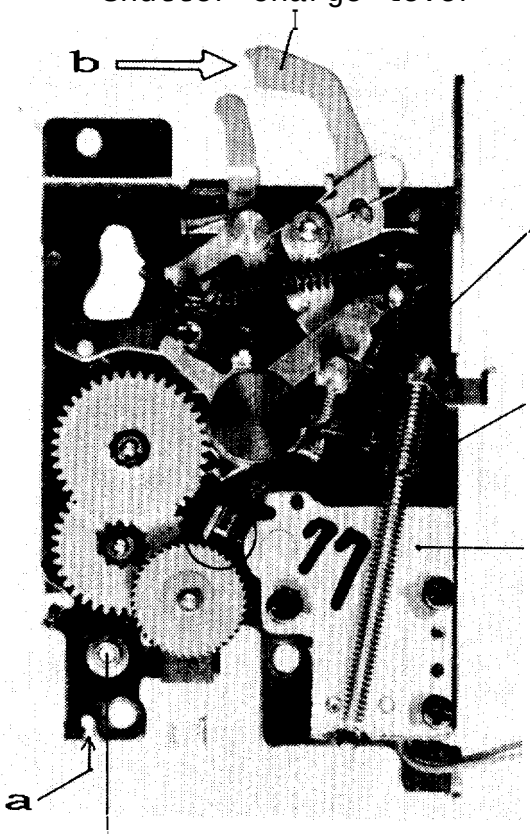
I base plate



— Aperture Mg (See page D23)

Aperture Mg click — Adjust the gap between the click and the ratchet gear.





Push the shutter charge lever in the direction indicated by an arrow b to be shutter charged state.

— Ratchet reset gear (#81)

crew lock (#350)

#149

#105

270°

#lo12

Mount on the I base plate by hooking #149 in the hole of #81.

(Arrow a indicates the hooking position on which one end of the spring (#149) is hooked)

atchet reset gear (#81)

#lo5

Aperture PI

Spread KE347w

Mount #105 by rotating #81 around 270° clockwise .

#lo12

Mounting mirror unit, I base plate, L base plate

See page D23

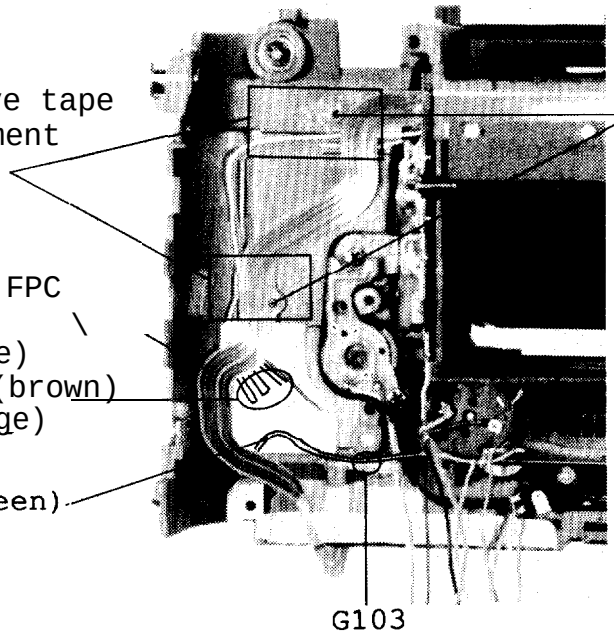
Mounting mirror box, front body

See page D22

Adjust thrust play of mirror unit
Rated value: 0.1 to 0.3
Adjustment washer

1K050-334	0.1
1K050-335	0.05
1K050-336	0.15
1K050-337	0.2
1K050-338	0.3

Cable arrangement



Filter driving base plate, filter unit, TTL SPD unit

See pages D20 to D21

– Filter unit

Check: Filter mirror holder moves by its own weight when the front body is declined after assembly.

– Filter driving base plate unit

Check: Check to see if the filters are switchable after assembly.

Seesaw lever

See page D19.

AF mode selector lever unit

See page D19.

Lens release button switch

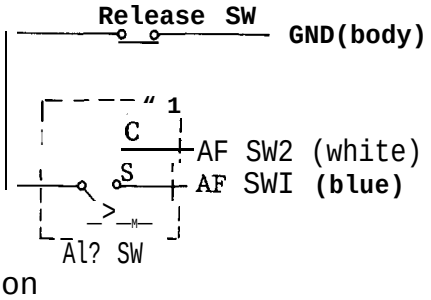
See page D18.

Check AF switch 1, AF switch 2, lens release button switch

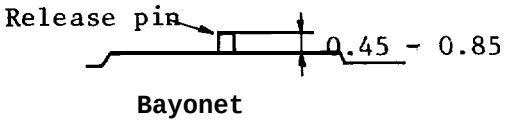
Check continuity of each switch by"connecting GND (body) and AF switch 1 (blue), and GND and AF switch 2 (white) using a tester.

(1) AF switch inspection

	AF switch 1 (blue)	AF switch (white)
ː mode	off	on
ɜ mode	on	off
1 mode I	off	off



(2) Lens release button switch inspection
AF switch 1 and AF switch 2 turn off when the lens release pin is within the range of 0.45 to 0.85 from the bayonet ring.



Mirror operation base plate unit

See page D17.

Check preview bottom and mirror up operations

f-fo base plate, f-fo pulley

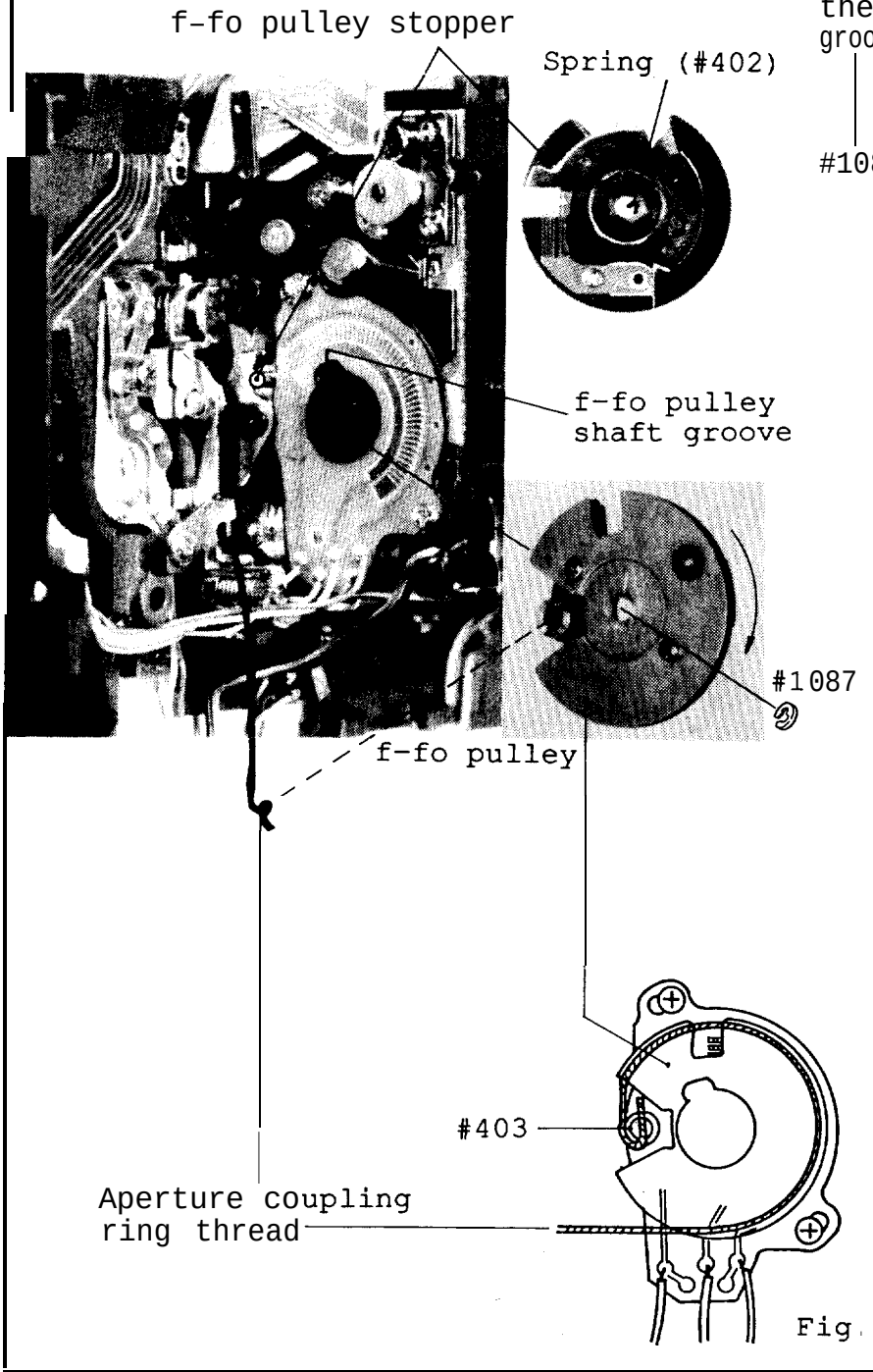
– f-fo base plate

See page D18.

– f-fo pulley

Mount by rotating the pulley once clockwise while aligning the f-fo pulley spring (#402) with the f-fo pulley shaft groove .

#1087



Note : Do not damage the plastic mold shaft of the f-fo pulley.

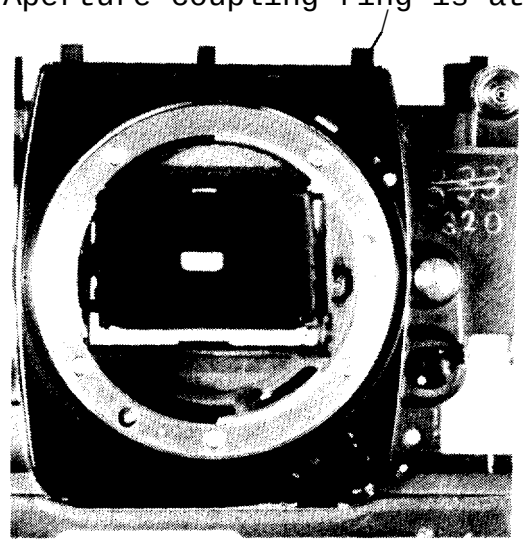
Reel aperture coupling ring thread in the #403 groove. (See figure a)

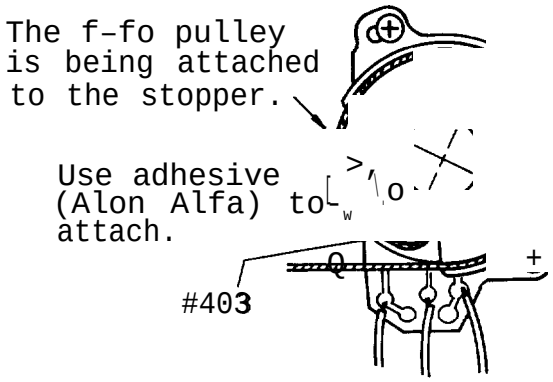
Note :
(1) Thread knot should not be pushed out from the surface of the f-fo base plate.
(2) Aperture coupling ring thread should be hooked in the roller on the AF mode selector base plate.
(3) Aperture coupling ring thread should not be bent.

Fig. a

1) Adjustment of f-fo pulley stop position

Aperture coupling ring is attached to the stopper.





Adjust by rotating #403 so that the aperture coupling ring and the f-fo pulley come into contact with the stopper simultaneously.

2) Adjustment of the f-fo base plate position.

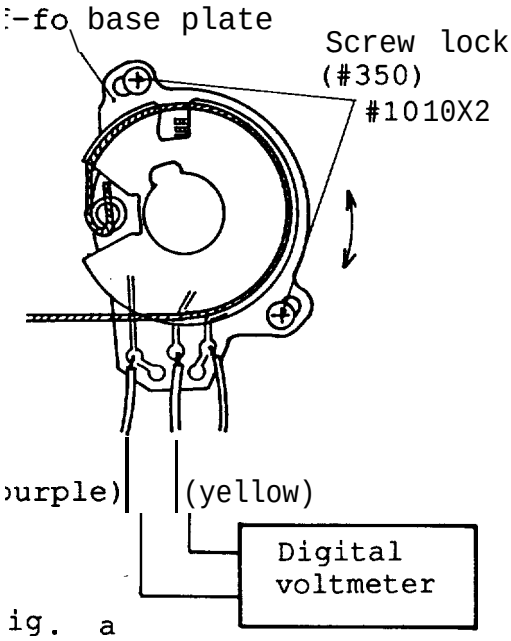


Fig. a

(1) Mount the f-fo tool lens (J18202) on the body.

(2) Set the digital voltmeter (at the resistance measuring range) as shown in Fig. a.

(3) Adjust by rotating the f-fo base plate so that each resistance value can be measured when the f-fo tool lens (J18202) is moved aside as shown in Fig. b.

Resistance value is 624 to 936Ω when the tool lens is moved in the direction indicated by arrow c.
Resistance value is 0Ω when moved in the direction indicated by arrow d.

(4) Fasten screws (#1010x2) and spread screw lock (#350) on them.

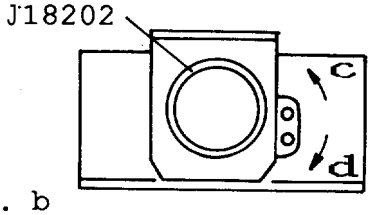
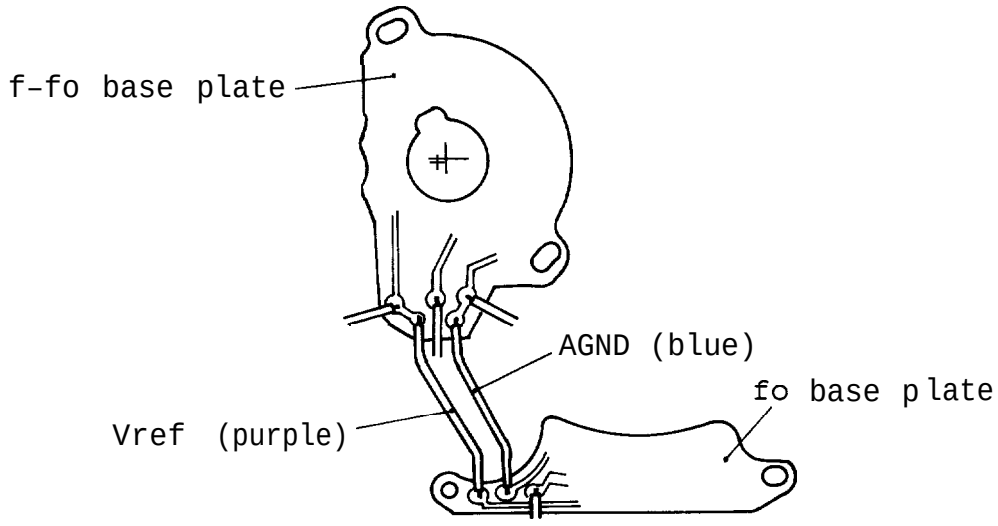


Fig. b

– Soldering cables

Solder AGND (blue) and Vref (purple) on the f–fo base plate.



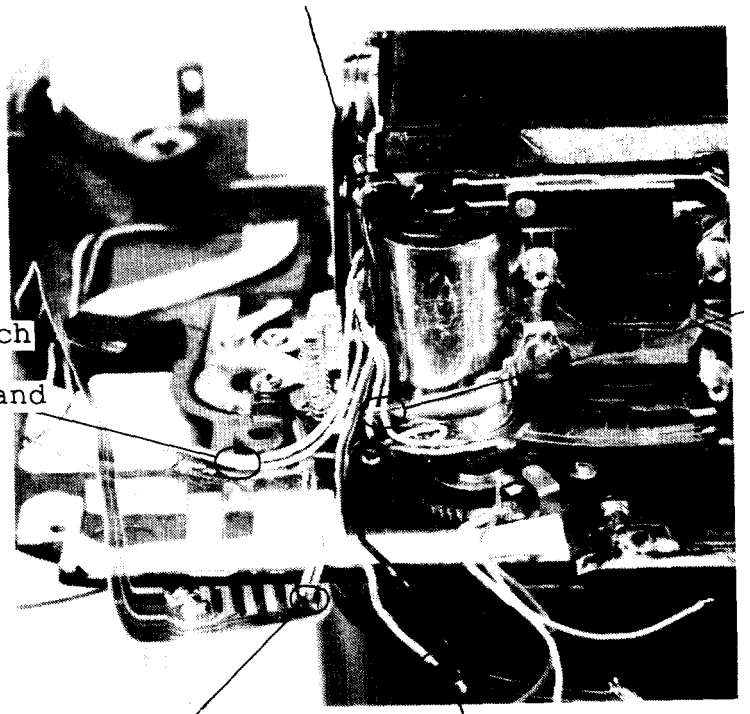
– When f–fo pulley shaft is damaged.

(1) Remove the f–fo pulley and the f–fo base plate.
(2 Remove the damaged f–fo pulley shaft.
Note:Check to see if there are any broken pieces left in the L base plate.
(3 Mount the f–fo pulley shaft (1K371-359) .
(4 Spread adhesive (Alon Alfa) at the portion where the f–fo pulley shaft is mounted.

Lock encoder FPC unit

See page D17.

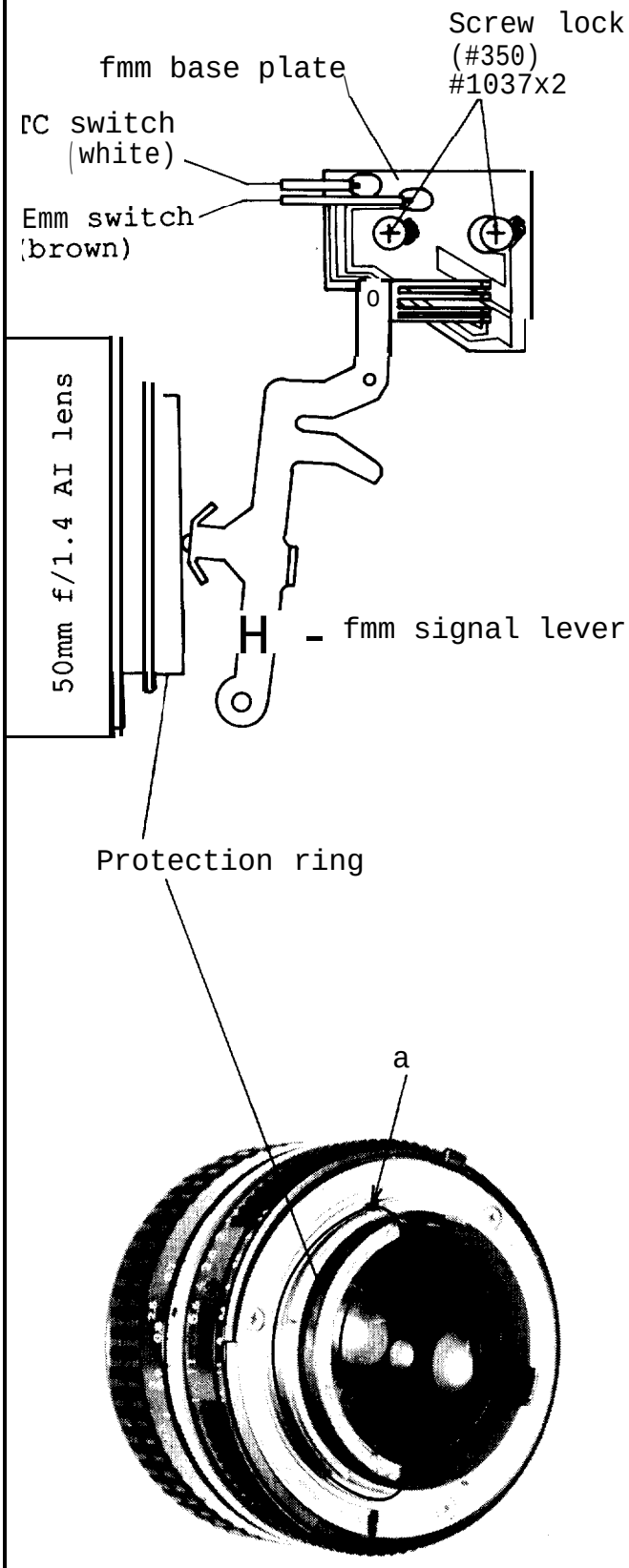
Cable arrangement on the lower part of the L base plate



AF base plate unit

See pages D15 to D16.

Positioning adjustment of fmm switch



(1) Connect a tester between the TC switch (white) and the body (GND) .

(2) Mount the 50mm (f/1.4) AI lens on the body. Do not move any further once the protection ring of the 50mm f/1.4 AI lens (indicated by arrow a) pushes the fmm signal lever.

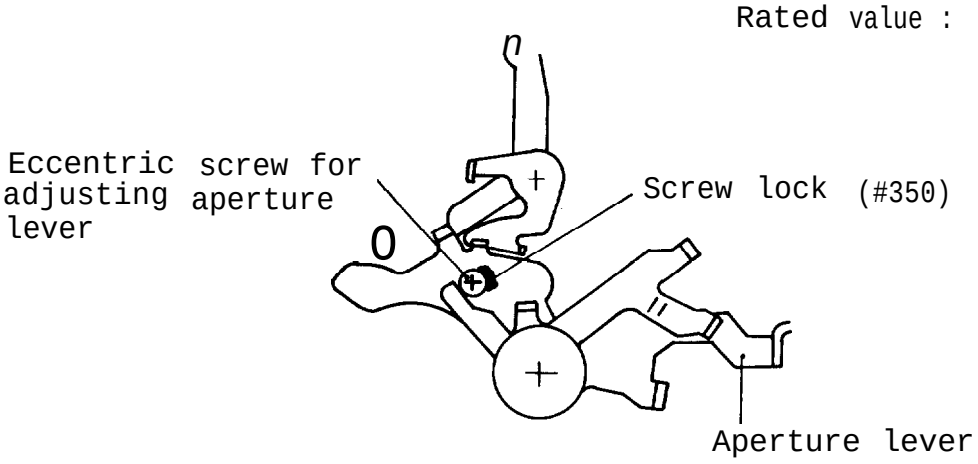
(3) Fasten the fmm base plate at the point when the TC switch is changed from ON to OFF by moving the fmm base plate. Then the fmm signal lever brush should be positioned at the center of the TC switch and the fmm switch patterns.

(4 The fmm switch should be off when the 50mm f/1.4 AI lens is removed.

Noi_e : Correct lens:
50mm f/1.4 AI
(Do not use 50mm f/1.4 AI-S and AF 50mm f/1.4.)

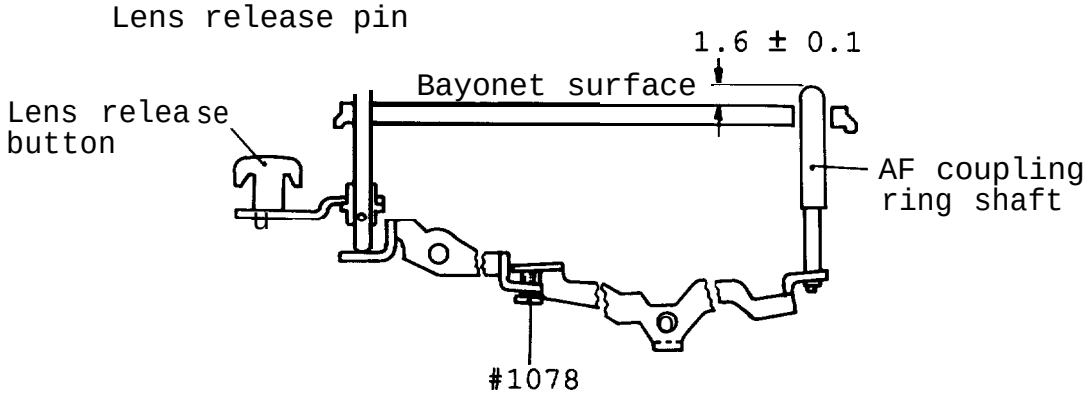
Height adjustment of aperture lever

Rated value : $3.4^{+0.1}_{-0.05}$



Height adjustment of AF coupling ring shaft

Adjust the height by turning the screw (#1078) so that the AF coupling shaft is higher by 1.6 ± 0.1 than the bayonet surface when the lens release button is free in AF-C or AF-S mode .

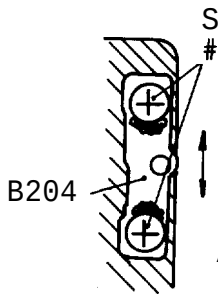


Angle adjustment (45°) of main mirror (Gl), sub-mirror (G2)

— Angle adjustment (45°) of main mirror (Gl)

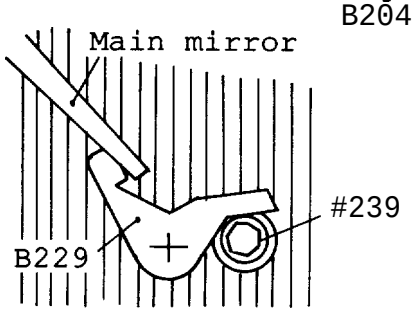
Tool: . J18037 (Optical flat)
- J18038
- Vertical collimator
- Hex key

Rated value:
Horizontal discrepancy;
0±18'
Vertical discrepancy;
$0^{+0'}_{-10'}$



Adjustment of horizontal discrepancy

Adjust by moving B204 vertically.



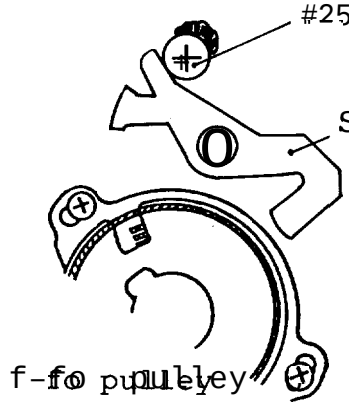
Adjustment of vertical discrepancy

Adjust by rotating #239.

— Angle ad-justment (45°) of sub-mirror (G2)

Tool: •J18196 (determines the angle (45°) of the sub-rnirror)
- Vertical collimator

Rated value:
Vertical discrepancy;
5*5'

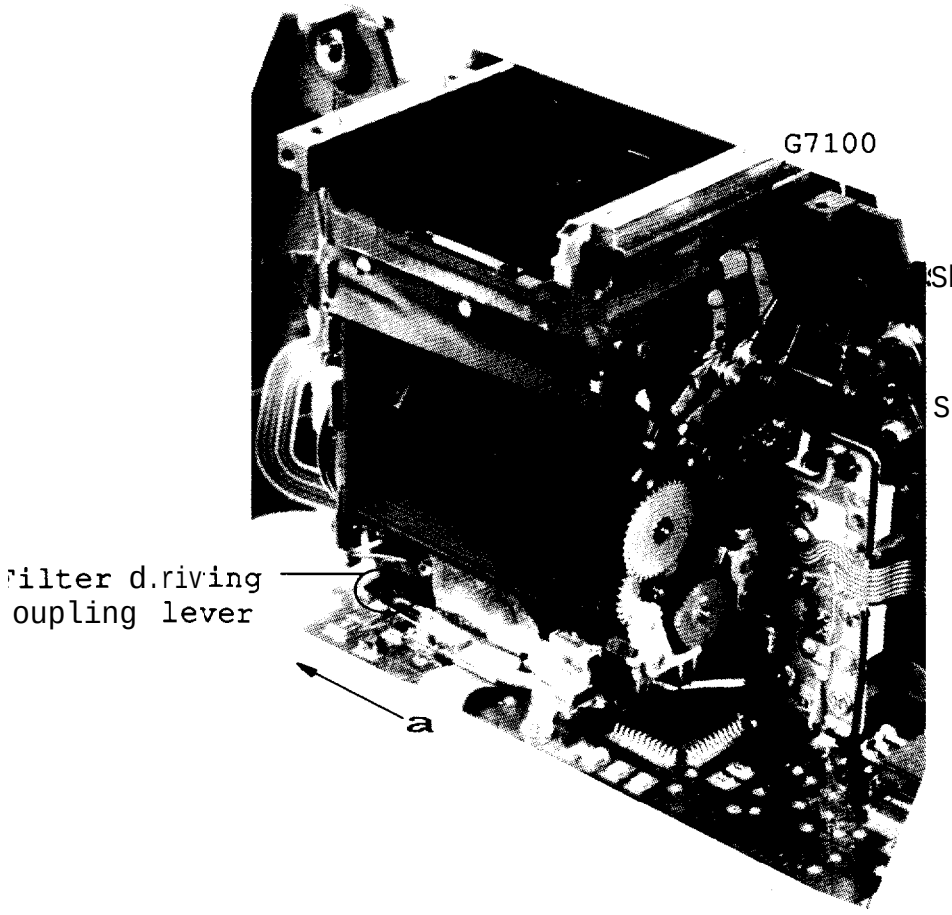


Adjustment of vertical discrepancy

Adjust by rotating #253.

Mounting on front body and back body

– Preparation for mounting on front body side

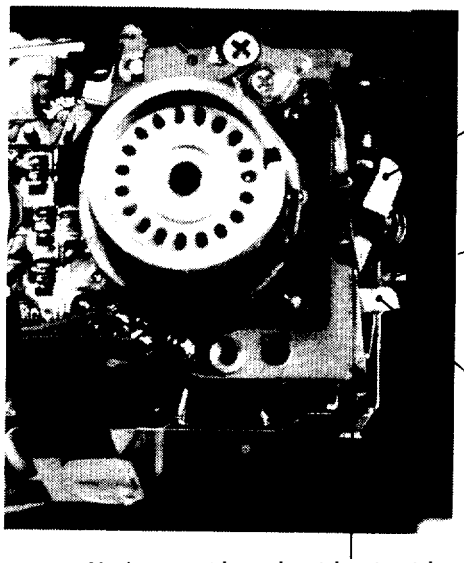


1) Move the mirror down
   - Move the mirror down by pressing the shutter charge lever to the bayonet ring.
   - Spread G7100 on the tip of the shutter charge lever, and start lever.
2) Move aside the filter driving coupling lever to film rewind side or in the direction indicated by arrow a.

Note : Eliminate foreign matter in the filter and AF sensor units by using a blower.

— Preparation for mounting on back of body

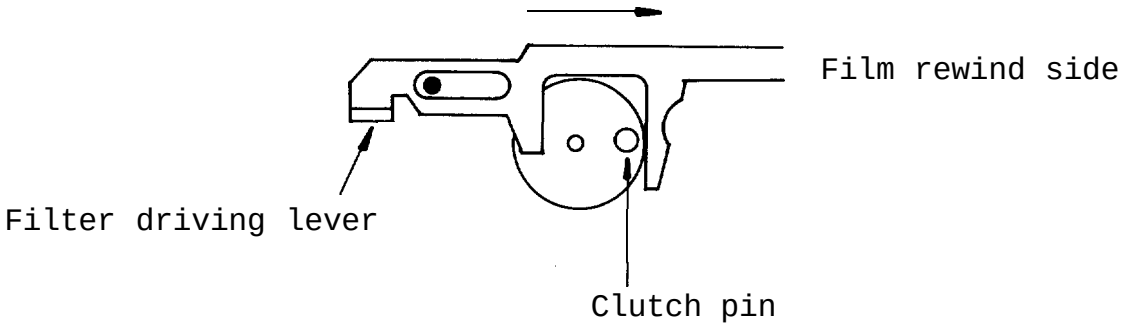
1) The body should be set in the film advance completion state.



Note: Check that the T (time) lever is correctly latched. (See page A27)

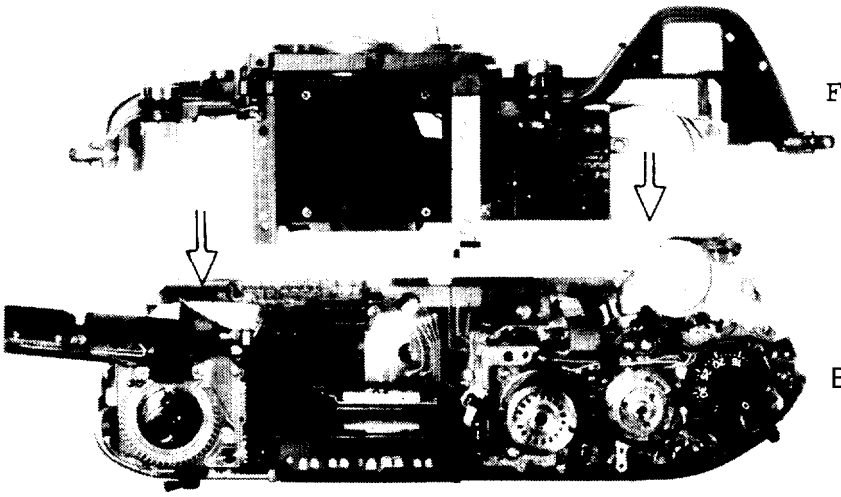
2) Set the shutter speed dial to the T (time) position,

3) Move the filter driving coupling lever to the film rewind side.



* Set the clutch pin at this position and fix the filter driving coupling lever.

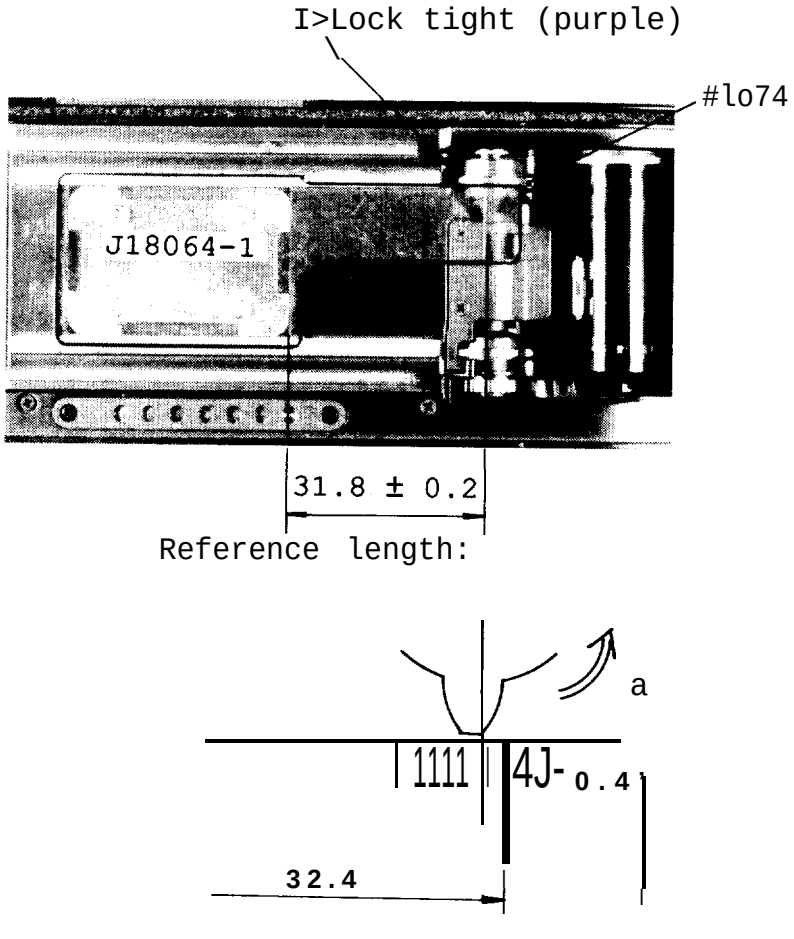
– Mounting



Assembling: See pages D3 to D5.

Adjustment of film sprocket cogwheel positioning

1) Set the body to the film advance completion state.
2) Unfasten the film sprocket screw (#1074xl) .
3) Set the film sprocket cogwheel positioning tool (J18064-1) on the aperture surface.
4) Fasten the film sprocket screw (#1074) temporarily after aligning the right end of the film sprocket cogwheel to the position 31.8. Ad-just it further so that the right end of the film sprocket cogwheel will be within the range of 31.8 ± 0.2 when moving the film sprocket in the direction indicated by arrow a.



5) Mount the film sprocket screw (#1074) with lock tight (purple) in the left film sprocket screw hole (indicated by arrow b).
6) Check to see the film sprocket cogwheel position by repeating film advance operation several times.

Adjustment of body back

Same as for F3 and other models.

Adjustment of infini,ty

Same as for F3 and other models.

AE, AF Accuracy, inspection, and adjustment

AE accuracy inspection and adjustment items (followina instructions by personal computer)

1. AE accuracy inspection, adjustment

Sub-menu	Inspection, adjustment items
1. F4 + AMP.FD	Spot exposure metering ad-justment-> AMP exposure metering ——————>(1)
2. F4	Spot exposure metering adjustment—>(l)
3. AMP.FD	AMP exposure metering adjustment (adjust by mounting on the tool body)
4. F4 + Action FD	Spot exposure metering —> Center-weighted exposure metering—>(1)
5. Action FD	:Center-weighted exposure metering (adjust by mounting on the tool body)
(1) —> Adjust M 1/8000 (M 1/4000) —>	TTL adjustment (Adjust by mounting AMP.FD or Action FD)

2) When main FPC on the F4 body or EEPROM is replaced:

1) Make following adjustment (write AF compensation value into EEPROM) after the inspection of item 1.
—> X BER P adjustment —> AZ adjustment —> Hard AGC adjustment

— AF accuracy inspection, adjustment items (following instructions by personal computer)

Note :
1) When making adjustment of AF accuracy, remove bottom cover, tripod socket (see page D2), bottom FPC screw (#685, #1026, #1038) (see page D6), and set up the bottom FPC unit.

2) When making adjustment, close the viewfinder eyepiece shutter or cover the body with black cloth.

3) When viewfinder is not attached, adjust the Az by aligning the AF inspection chart and target zone on the focusing screen.

4) It is not required to attach AF sensor adjustment screws (x 3) with screw lock.

1) AF accuracy inspection (adjustment when disassembling AF sensor unit)	2) AF Sensor (when displacing)	3) Main FPC of F'4 body (when displacing main FPC or EEPROM)
X BER P inspection and adjustment	X BER P adjutment	After AE adjustment, write following compensation value into EEPROM
YAW inspection and adjustment	YAW djustment	
PITCH inspection and adjustment	PITCH adjustment	X BER P adjustment
Az inspection and adjustment	AZ adjustment	AZ adjustment
	Hard AGC adjustment	Hard AGC adjustment