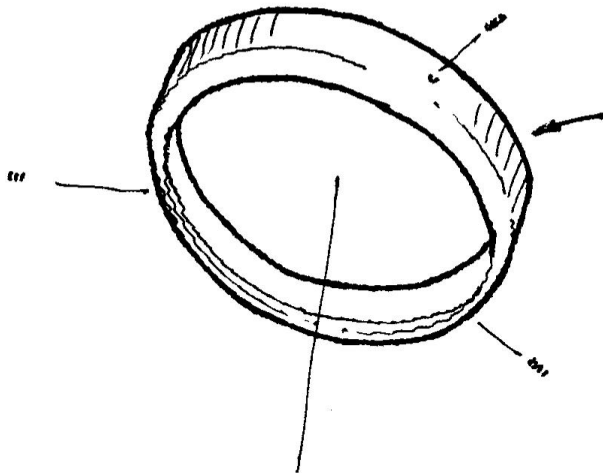


RH - UNSCREW

STOP SCREW

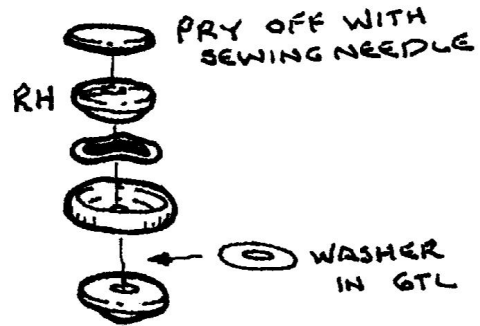
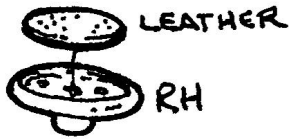


SOME CAMERAS
HAVE GRIP RING
OVER LENS RING
- REMOVE SET SCREWS
& LIFT OFF

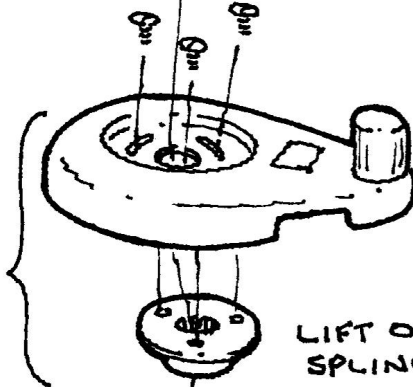
WIND LEVER. FRAME COUNTER

PRAKTISIX

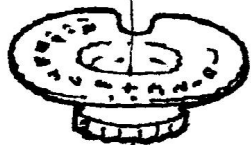
PENTACON SIX



LEVER AND HUB CAN STAY TOGETHER

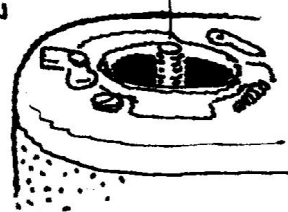
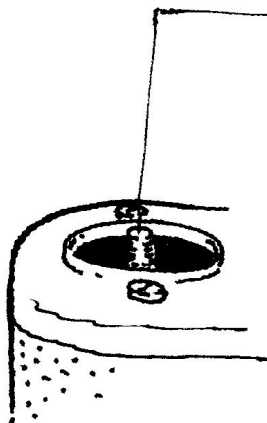


ON PENTACON SIX, THESE CAN STAY ON TOP COVER. ROTATE DIAL TO ALIGN NOTCH WITH SCREW.



HOOKS ON SLAT IN COUNTER DIAL

HOOKS ON PIN UNDER SCREW HEAD AT FRONT RH CORNER OF BODY.

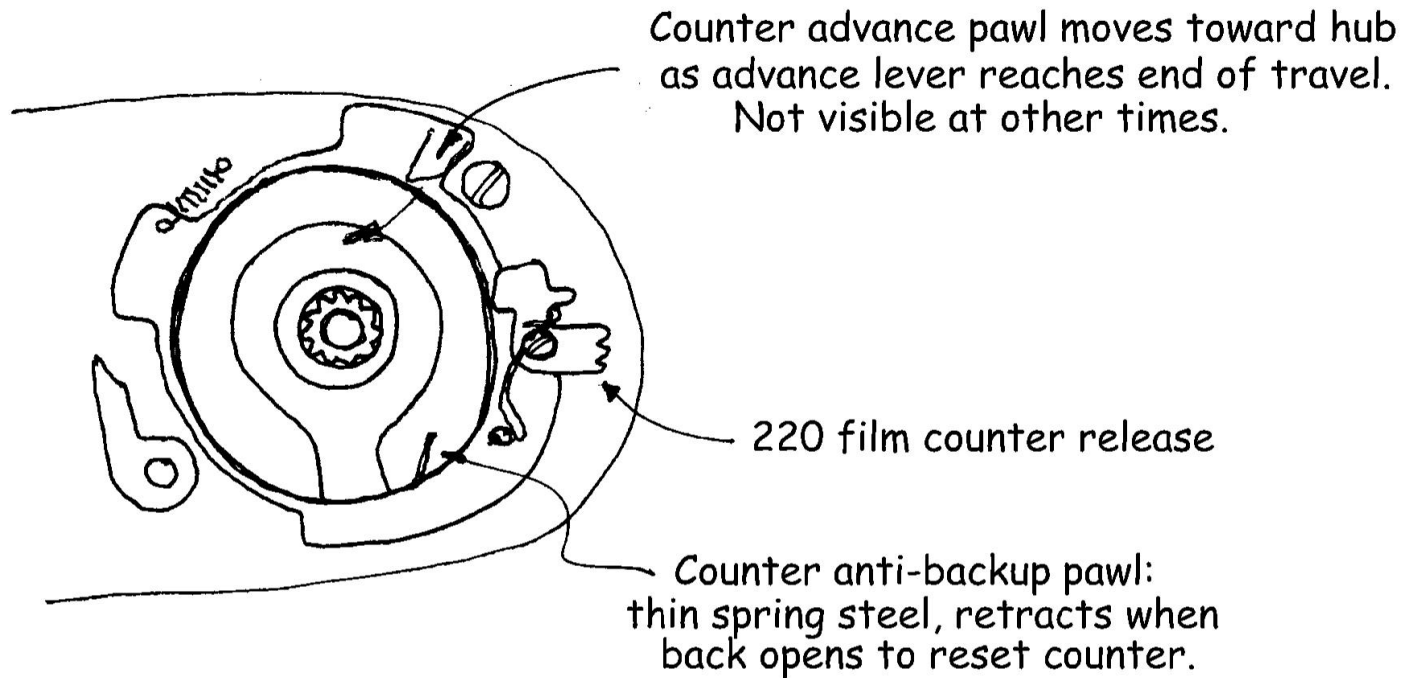


PRAKTISIX

PENTACON SIX

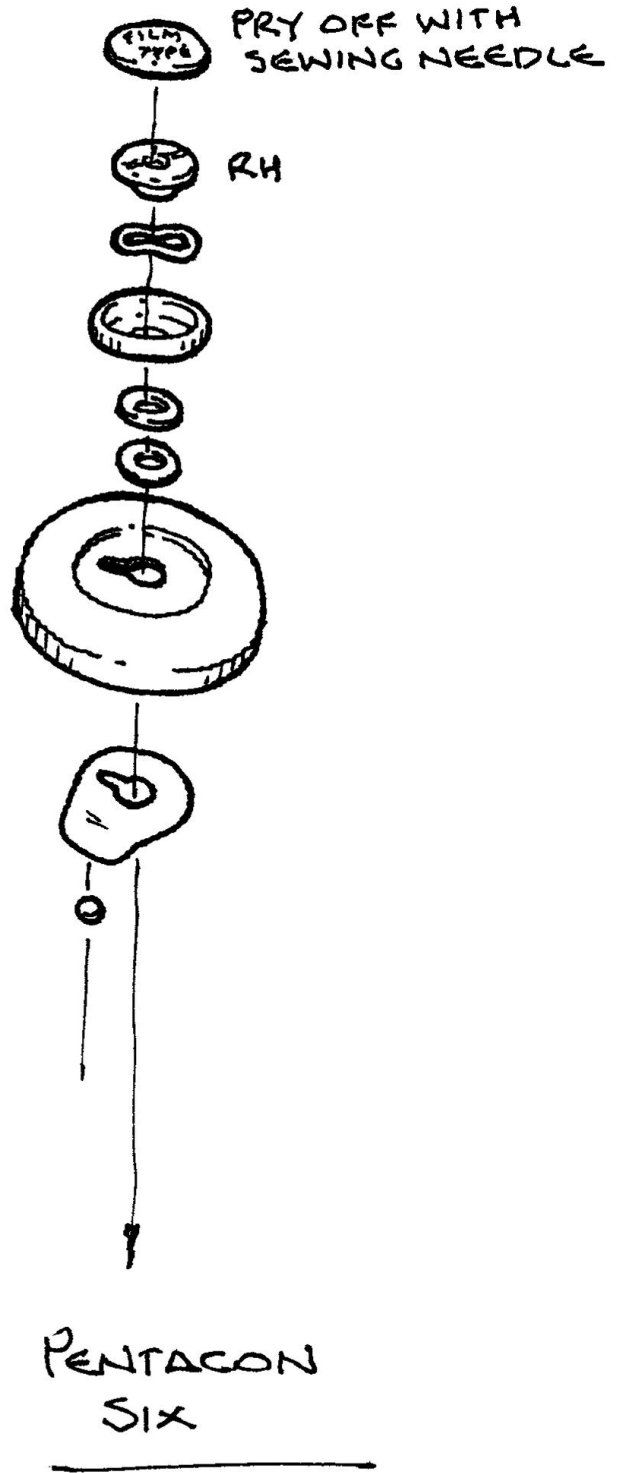
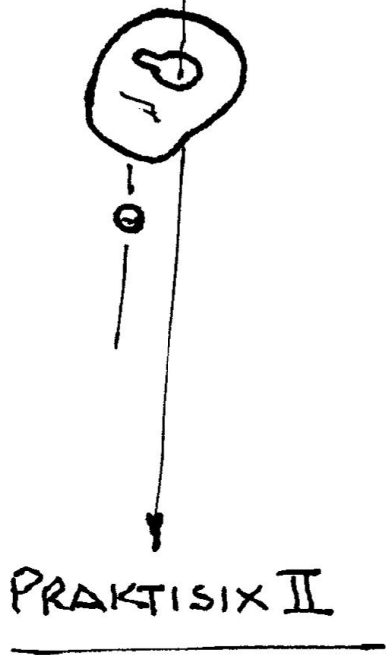
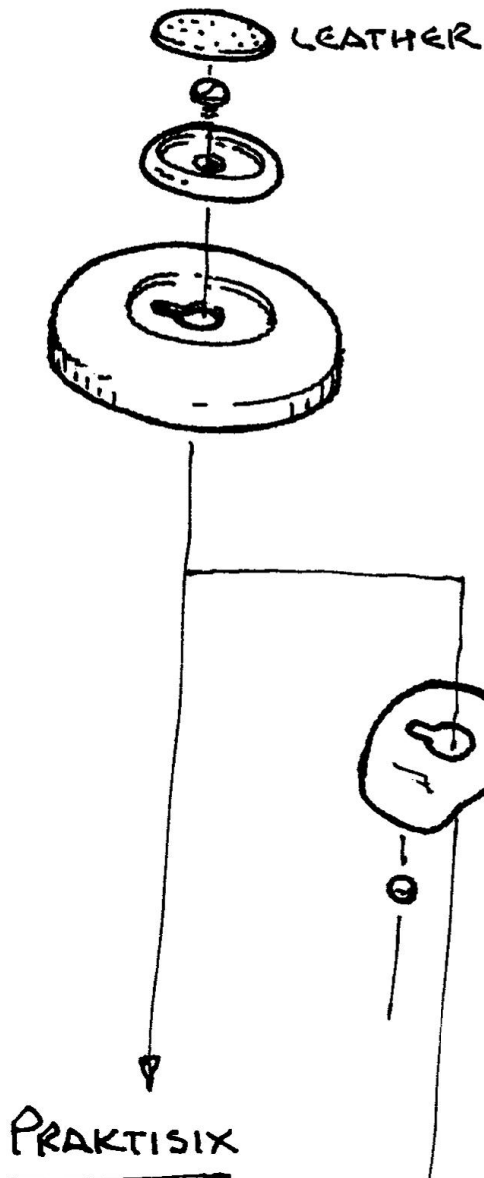
Frame Counter Details

Pentacon Six ONLY; Praktisix has a different mechanism.



If the frame counter doesn't advance, chances are it is jammed by the auto-reset coil spring under the dial. Remove dial, reset and try again.

SHUTTER SPEED DIAL



This stuff stays on top cover

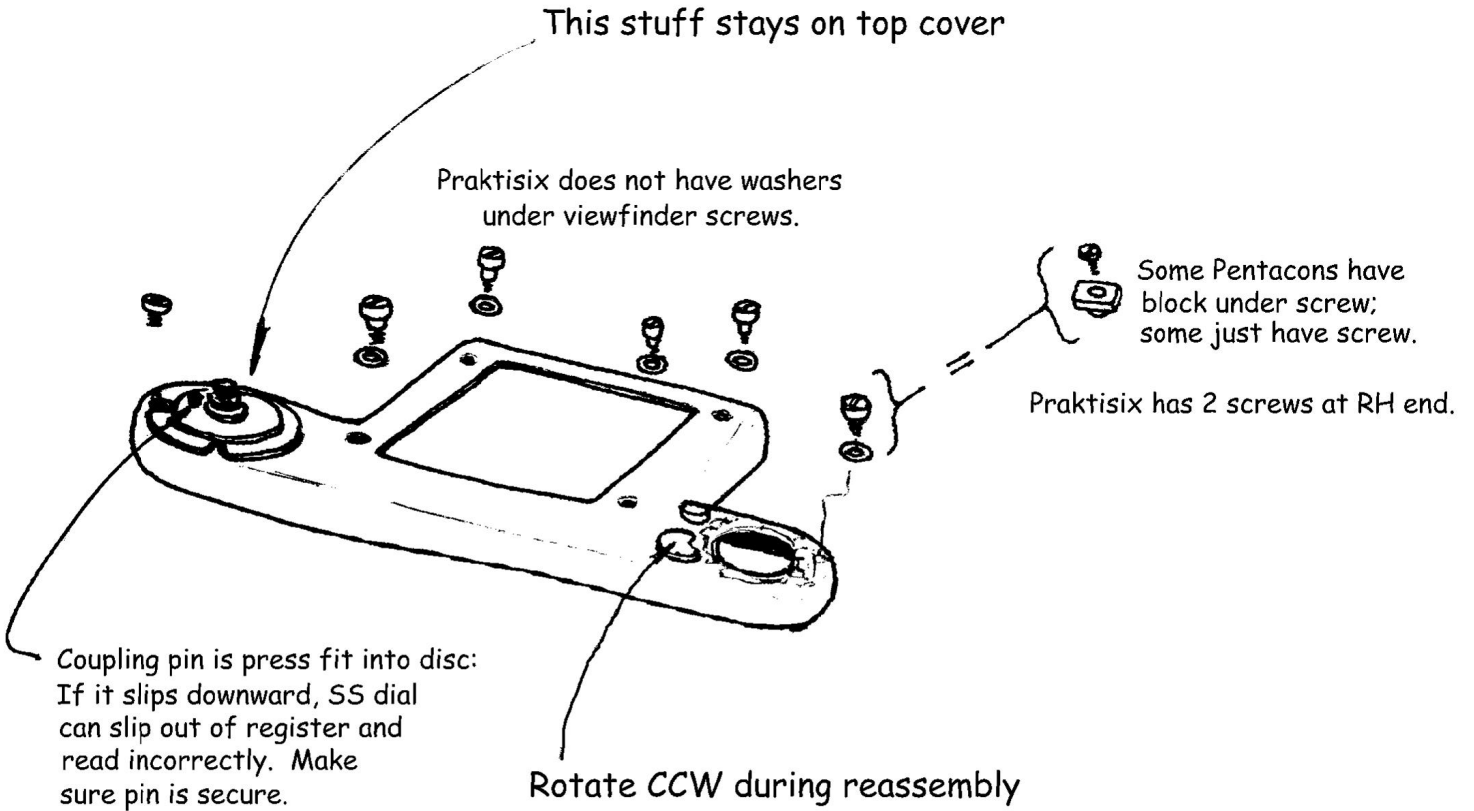
Praktisix does not have washers under viewfinder screws.

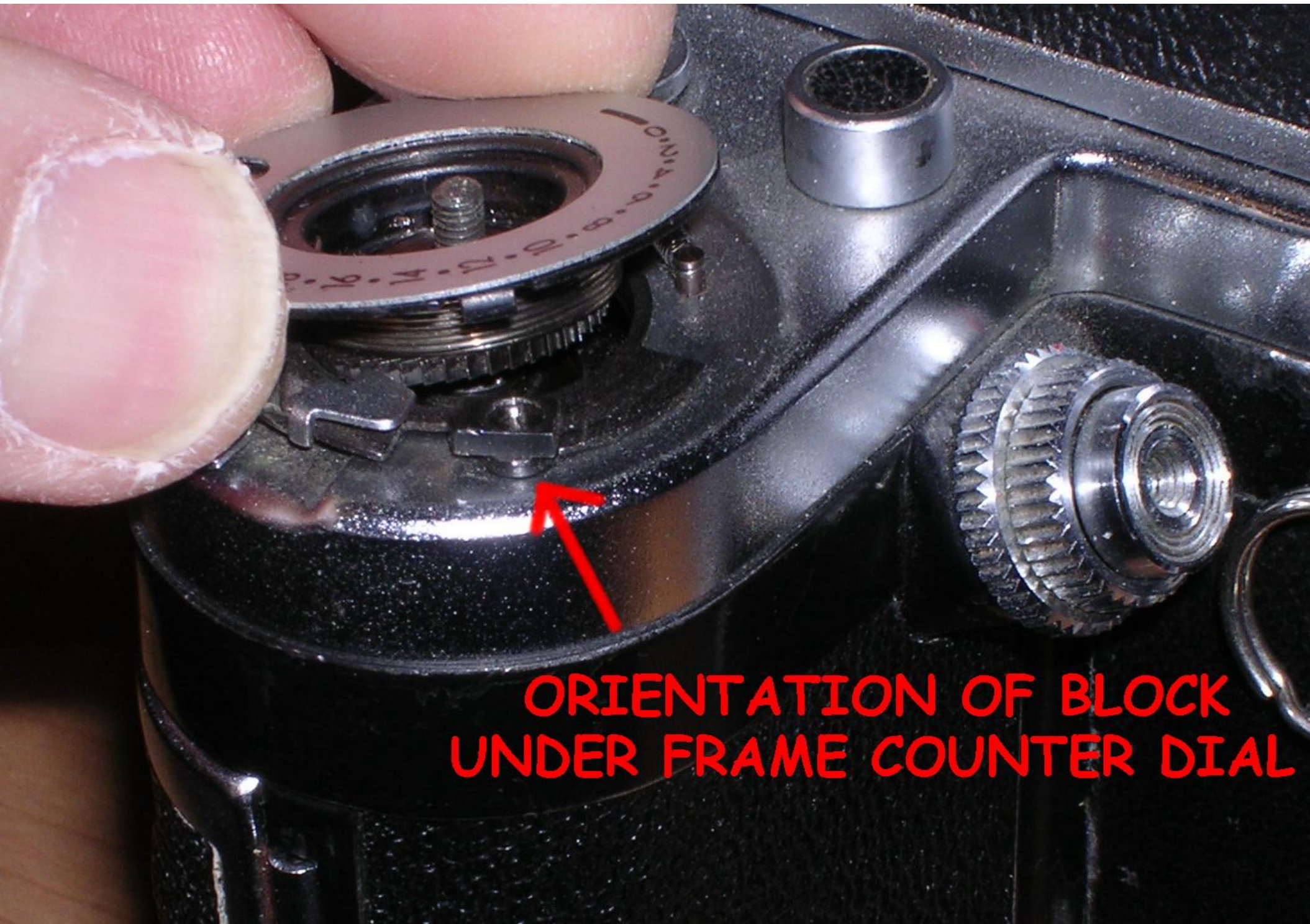
Some Pentacons have block under screw; some just have screw.

Praktisix has 2 screws at RH end.

Coupling pin is press fit into disc:
If it slips downward, SS dial can slip out of register and read incorrectly. Make sure pin is secure.

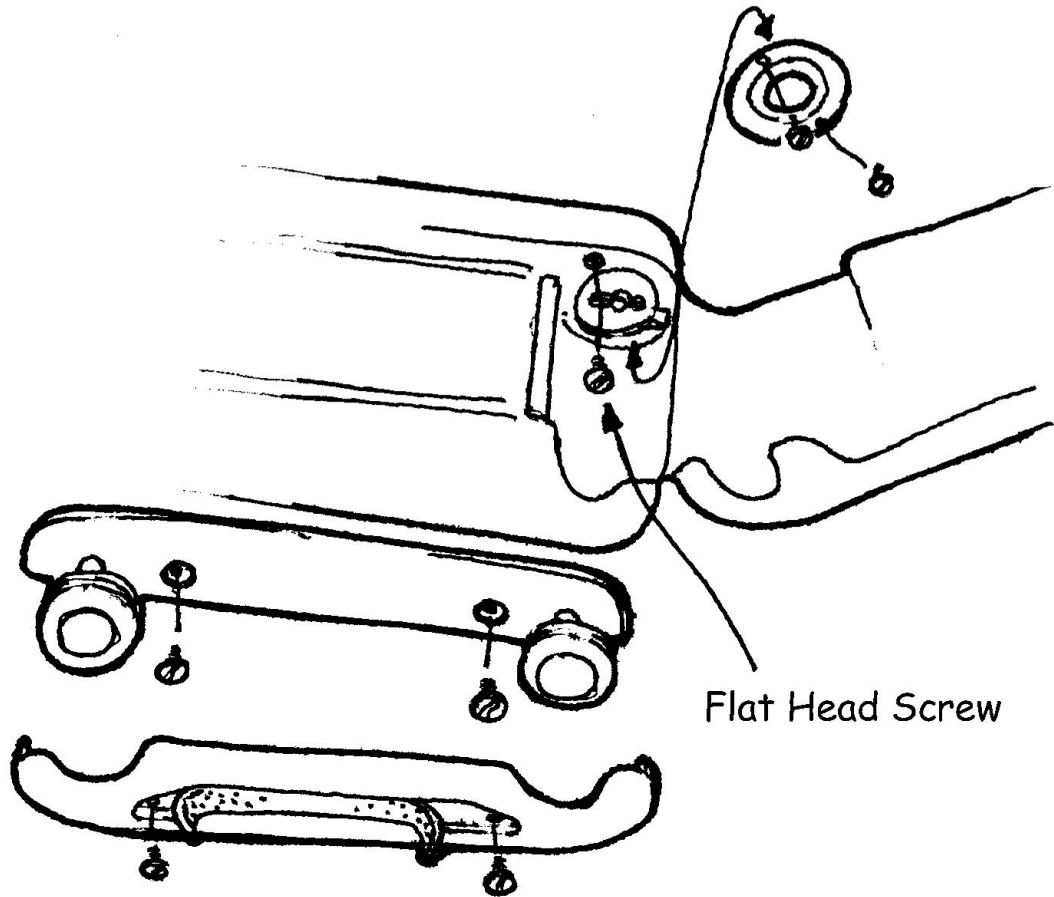
Rotate CCW during reassembly



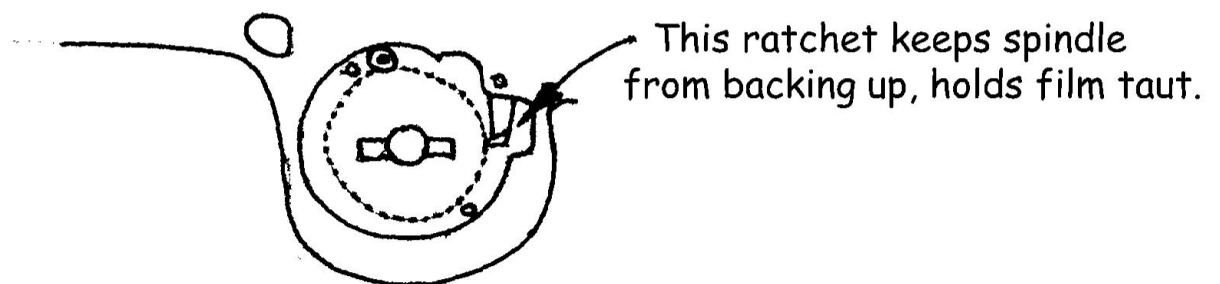


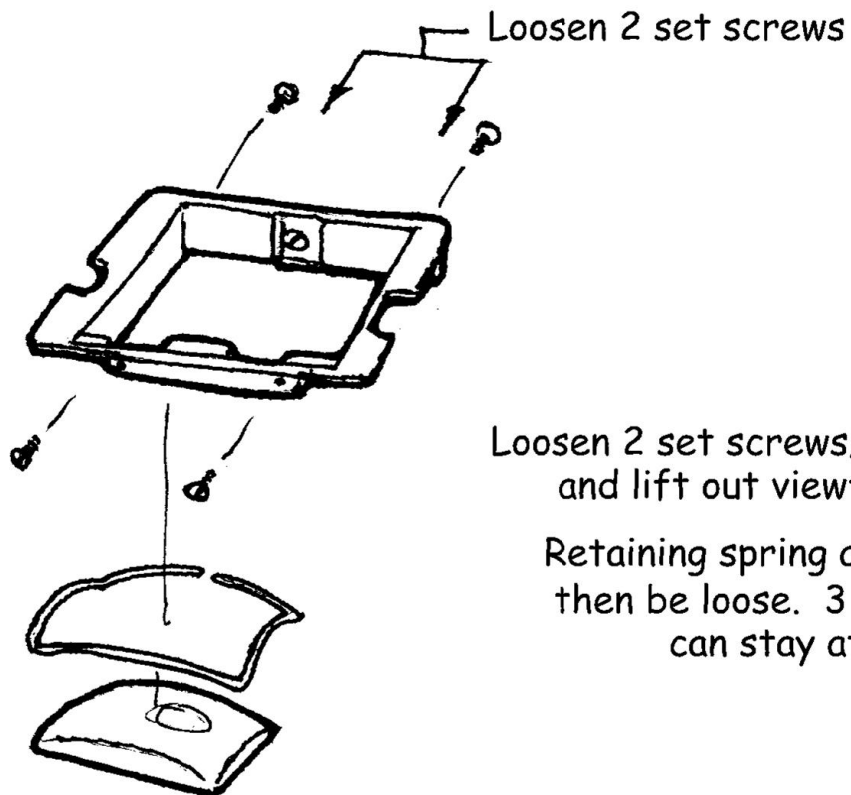
**ORIENTATION OF BLOCK
UNDER FRAME COUNTER DIAL**

This page is for Pentacon Six ONLY.
Does not apply to Praktisix.



Remove bottom fascia, spool mount
& round fascia plate around takeup
spindle; remove FH screw under
round fascia plate.

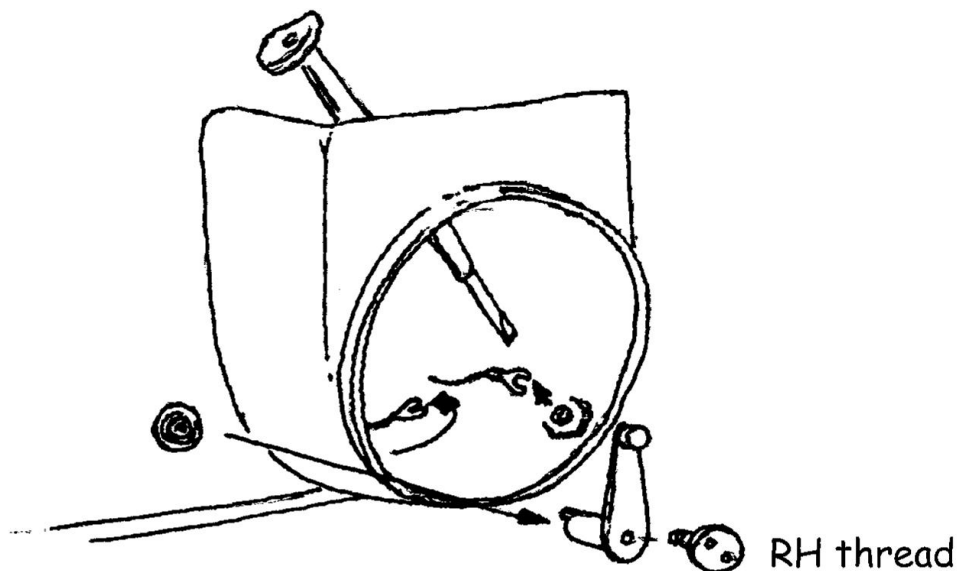




Loosen 2 set screws; remove 4 screws and lift out viewfinder frame.

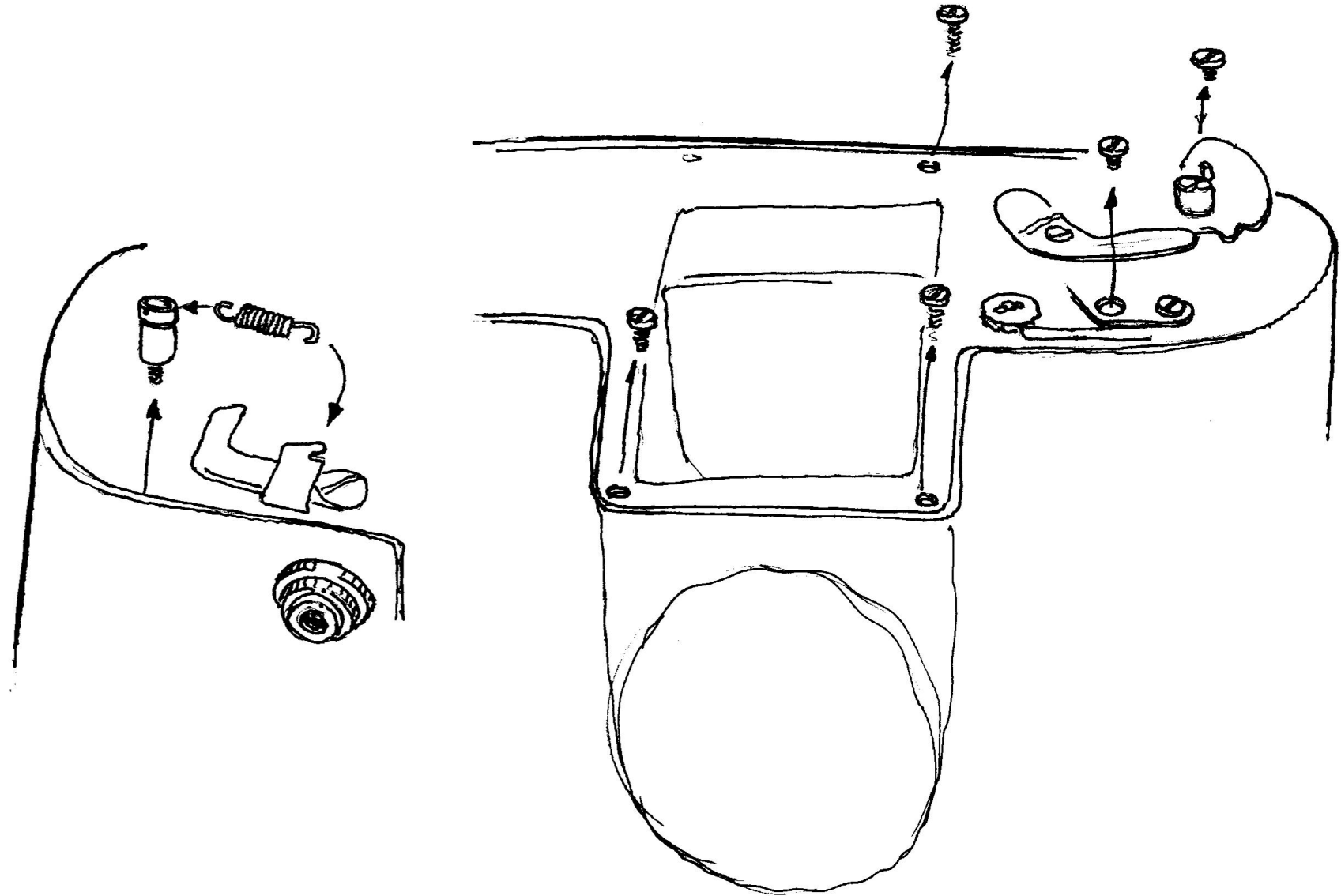
Retaining spring and screen will then be loose. 3 clips in frame can stay attached.

Remove self timer lever. Reach screwdriver through viewfinder opening (with shutter cocked) and unhook synch wires (some have 1, some have 2)



(Pentacon Six Only; see other pages for Praktisix and Praktisix II)

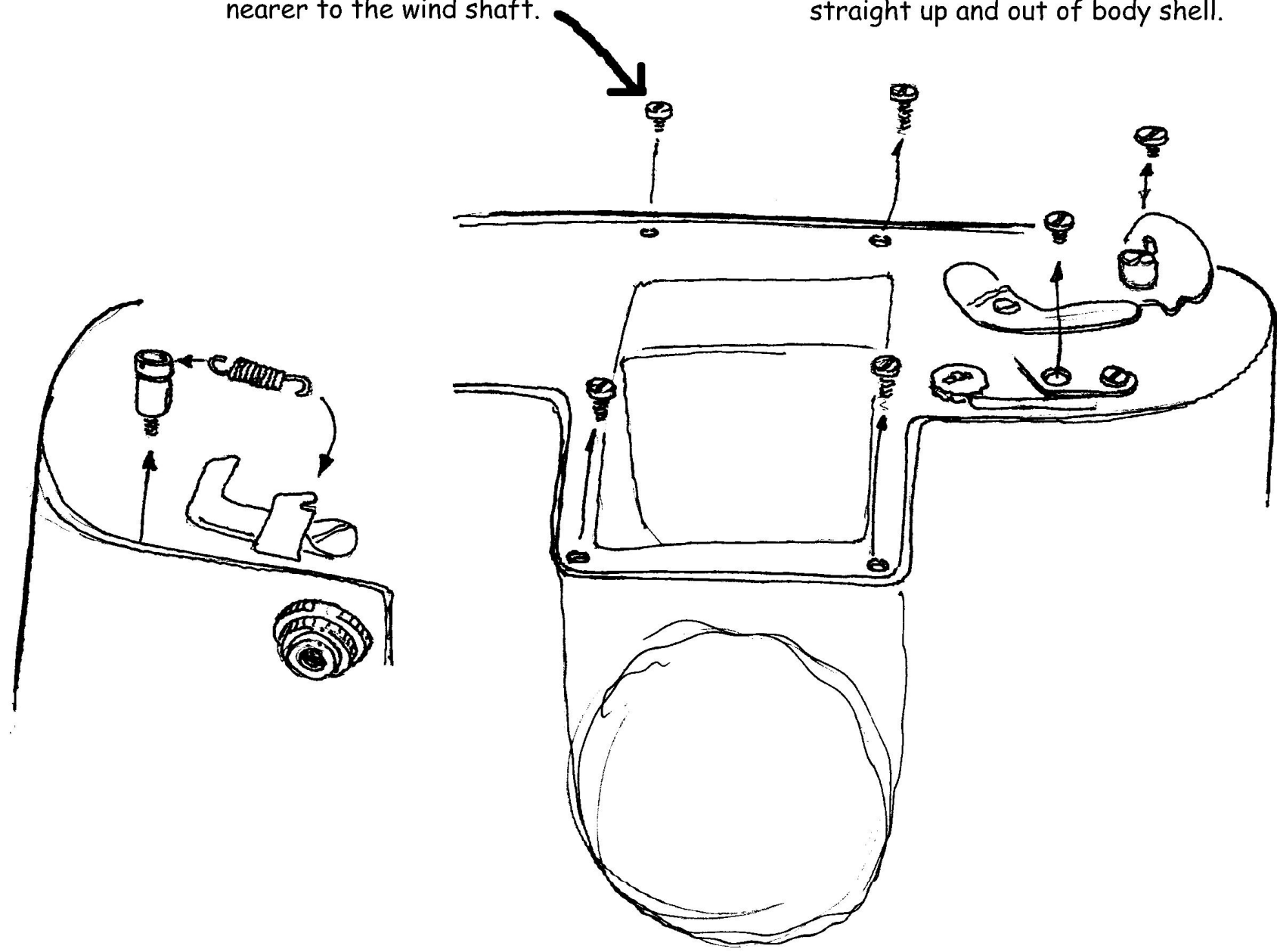
Last screws holding shutter chassis
in body. After removal, lift chassis
straight up and out of body shell.



(Praktisix only; see other sheets for Praktisix II and Pentacon Six)

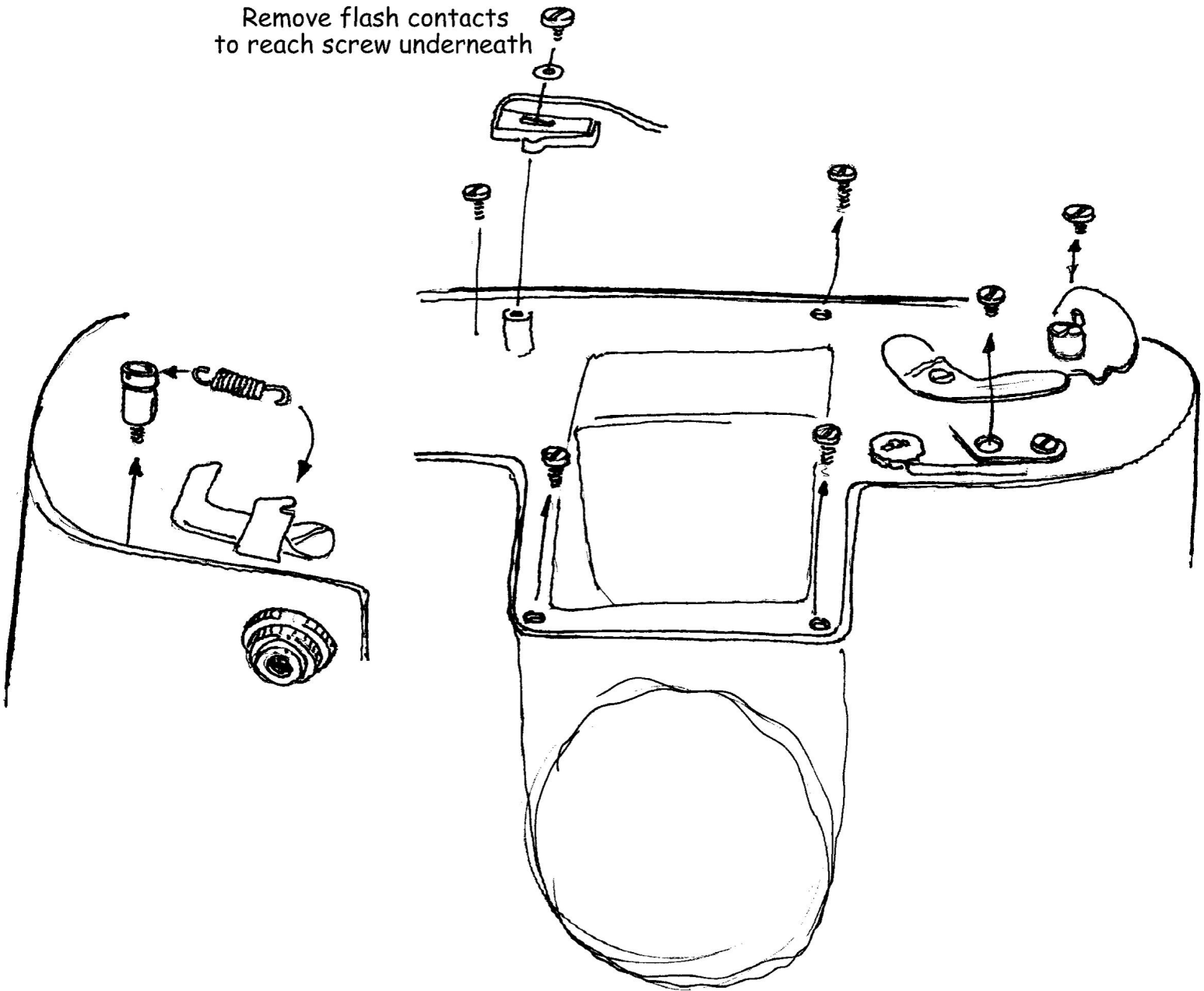
There are 2 screws in this area.
This is the smaller of the two,
nearer to the wind shaft.

Last screws holding shutter chassis
in body. After removal, lift chassis
straight up and out of body shell.



(Praktisix II Only; see other sheets for Praktisix and Pentacon Six)

Remove flash contacts
to reach screw underneath



Removing Shutter Module

Note: This sketch shows a Praktisix II.
Refer to Sheets 6 and 8 for details
specific to Praktisix and Pentacon Six.

REMOVE SYNCH CONTACTS TO
REACH SCREW NEXT TO POST

PUSH TIMING LEVER
FORWARD TO CLEAR
BODY CASTING.

ROTATE SSCAM
TO CLEAR
BODY CASTING.

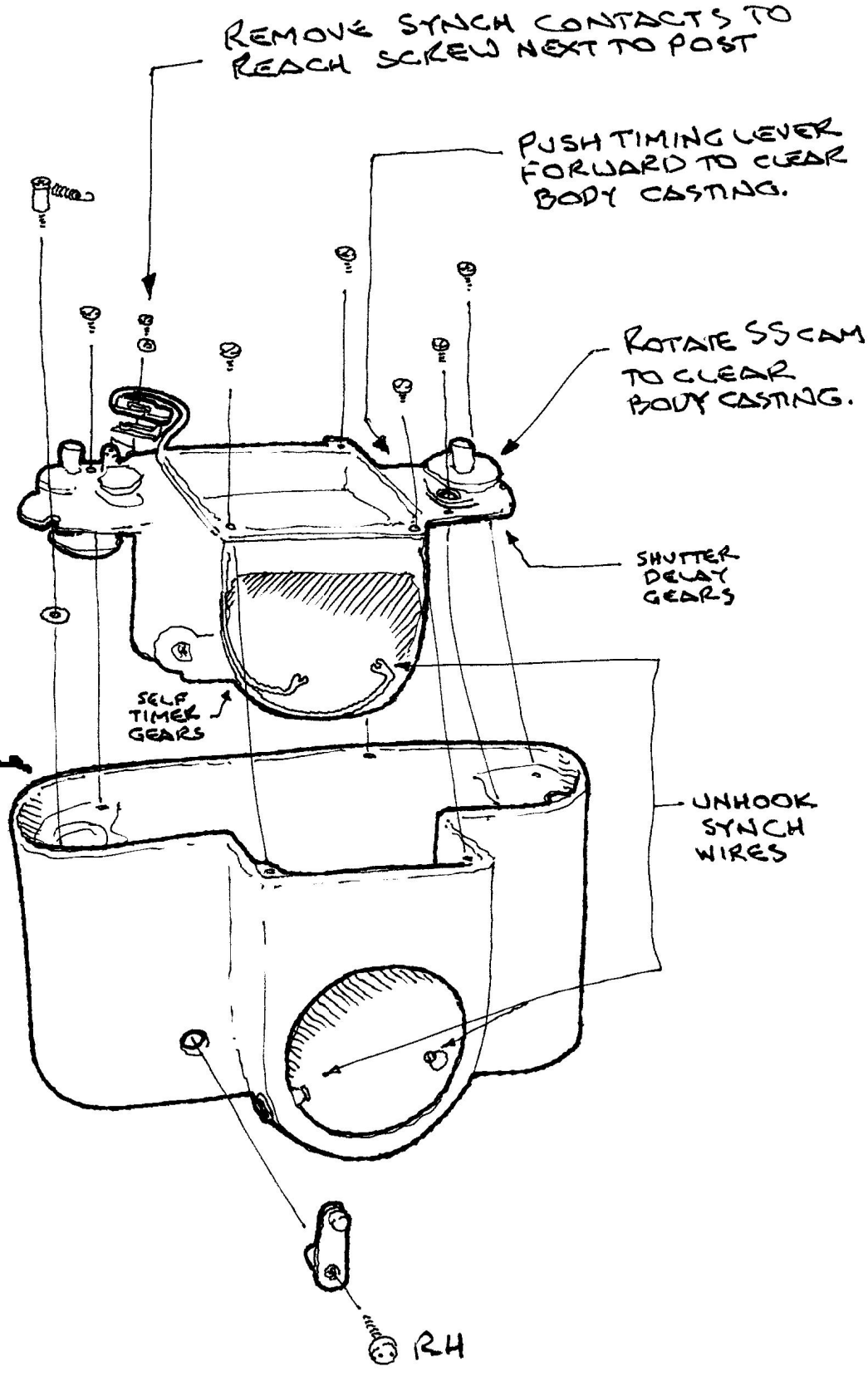
SHUTTER
DELAY
GEARS

SELF
TIMER
GEARS

UNHOOK
SYNCH
WIRES

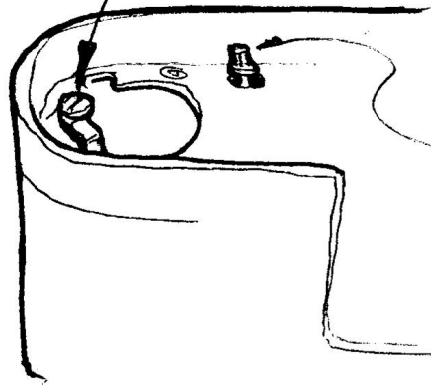
Reassembly:

Hold ratched pawl back
with screwdriver blade
from below as chassis
drops into place.



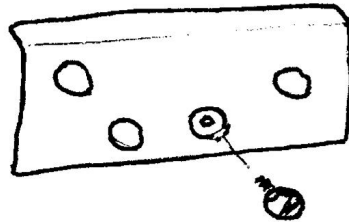
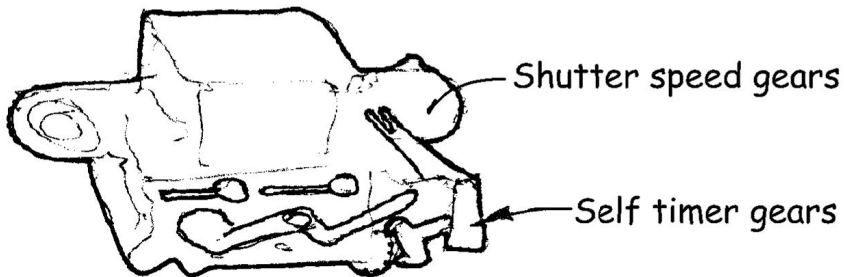
After removing shutter module:

This is the anti-backup pawl for the film wind spindle. Hold it back from below while reinstalling shutter.



Film counting roller is loose - watch for it at reassembly.
(Pentacon only; there is no roller in Praktisix or Praktisix II)

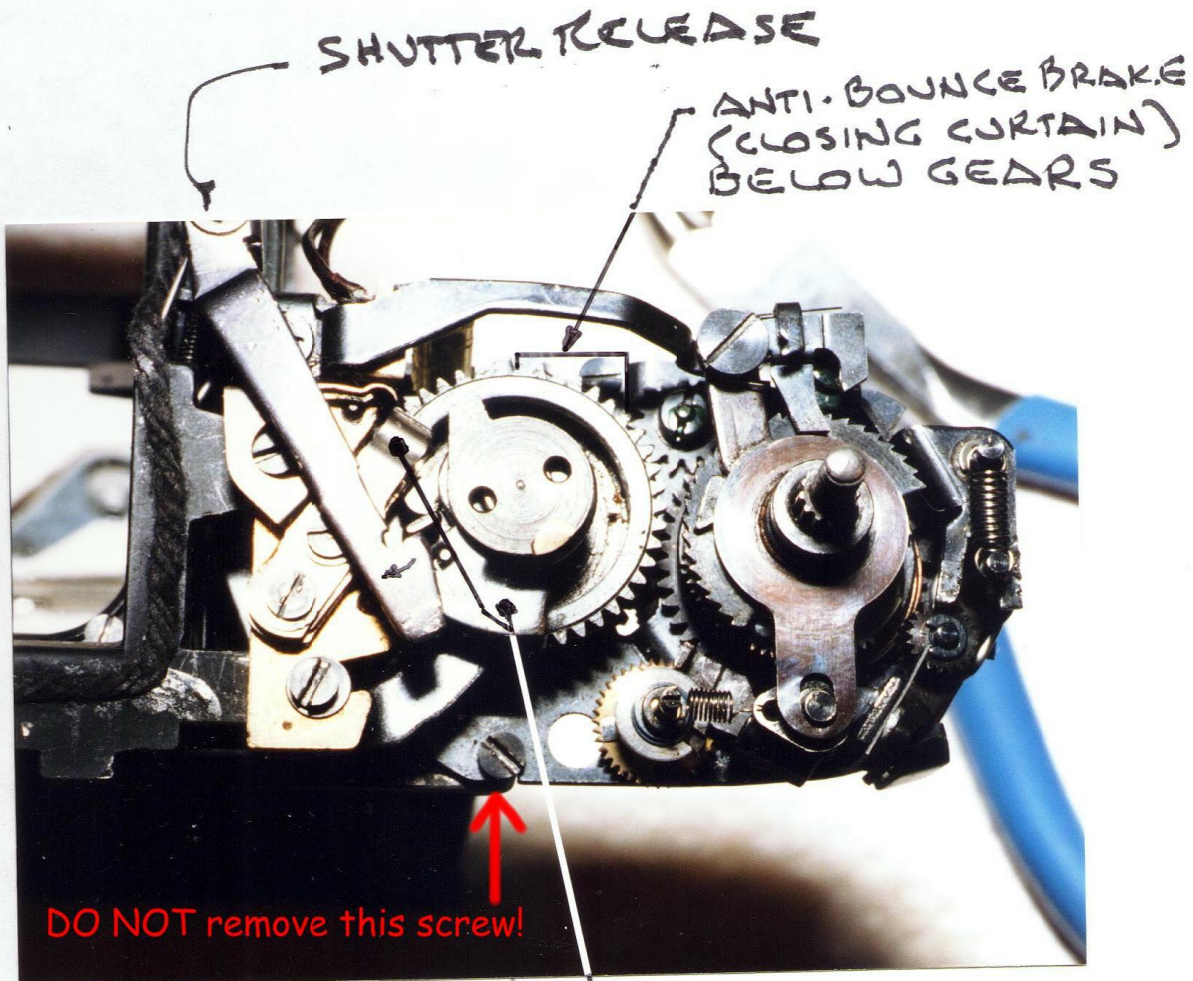
Self Timer - accessible after removing shutter module
(located under floor of mirror box)



One screw holds self timer cover in Pentacon Six; no screw in Praktisix.

PENTACON 6

SHUTTER CONTROL GEARS - COCKED POSITION



X-SYNCH CONTACT IS INSIDE OPENING
ANTI-BOUNCE BRAKE. IF TOO TIGHT,
FLASH MAY NOT FIRE.

IF CLOSING BRAKE IS TOO TIGHT,
SHUTTER MAY FAIL TO CAP
AT LEFT-HAND EDGE.

PENTACON 6

SHUTTER
RELEASE

ANTI-BOUNCE CLUTCH

COCKING LEVER

CONTROL GEAR #1
(#2 BELOW)

SHUTTER CONTROL GEARS:
UNCOCKED POSITION ↴

#2
SPINDLE
#2 SCREW

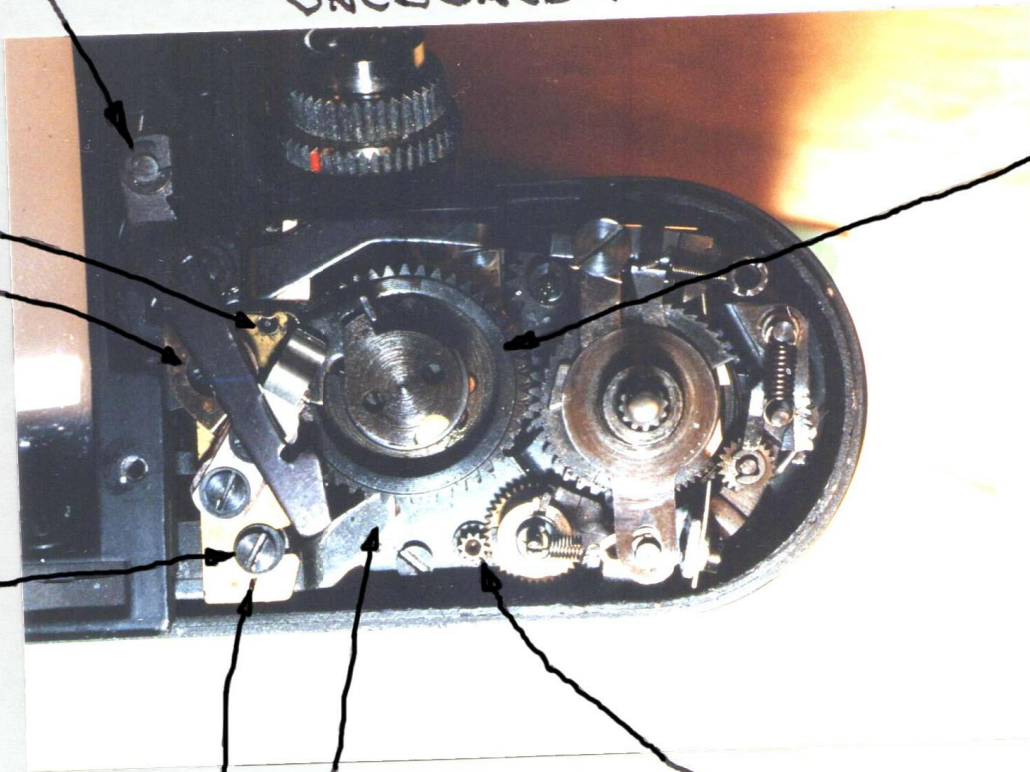
#1 SCREW

CURTAIN
SPINDLE TOP
BEARING
PLATE

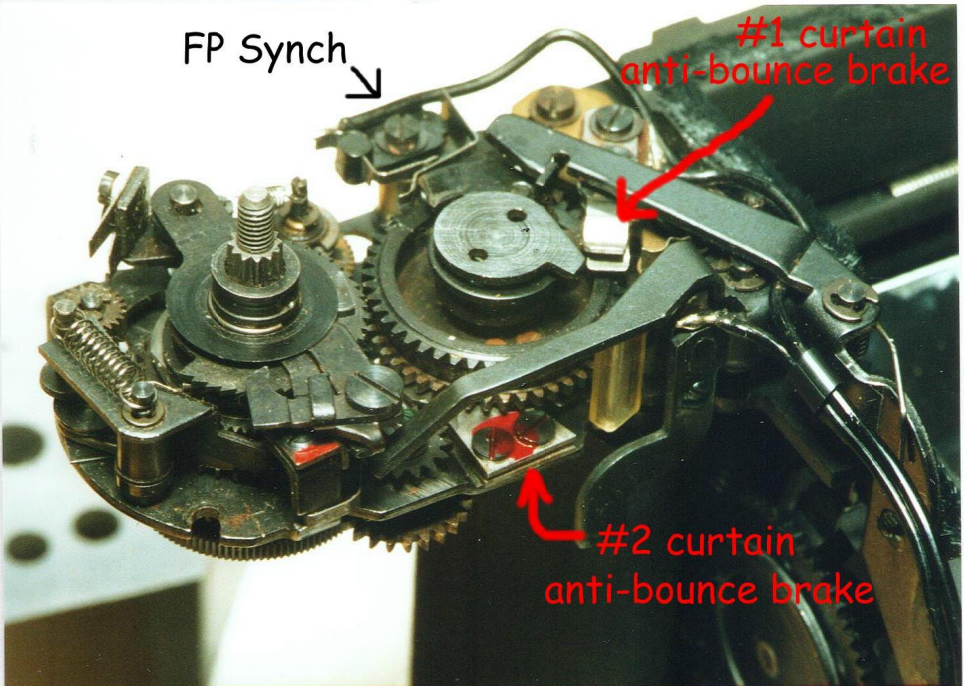
END OF
TIMING
LEVER

FRAME SPACING
ROLLER

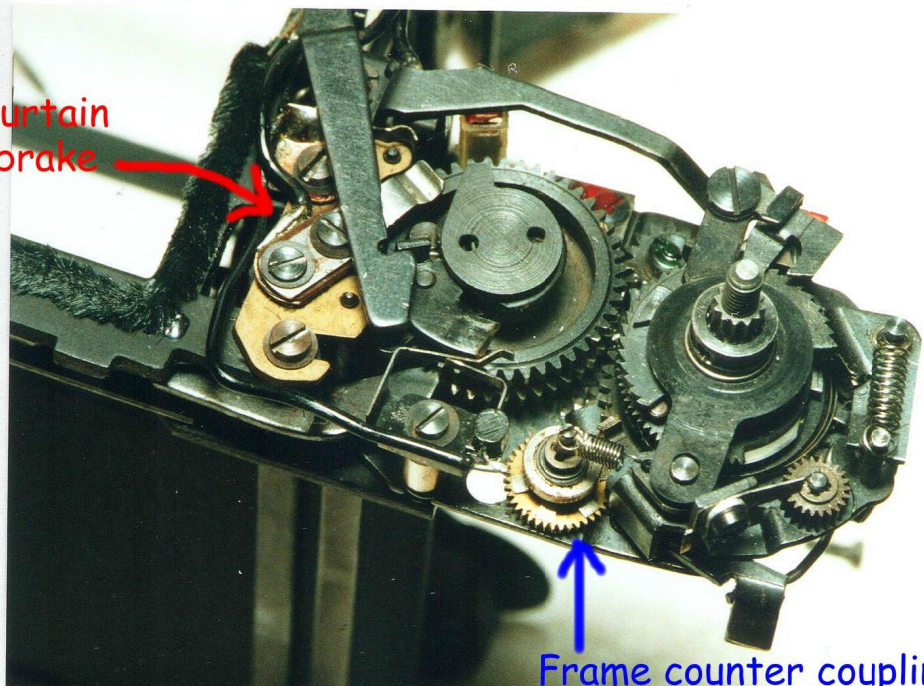
(Pentacoon Six only -
not on Praktisix)



10/20/2002
PENTACON SIX TL



X synch in #1 curtain anti-bounce brake



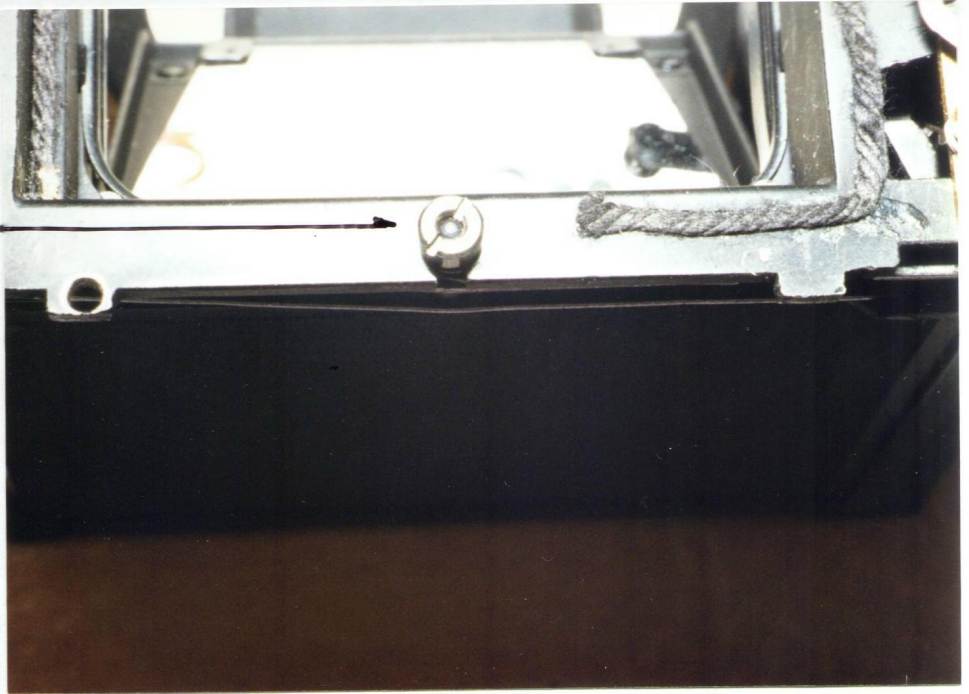
Frame counter coupling gear
- this cam controls frame spacing

PENTAGON 6

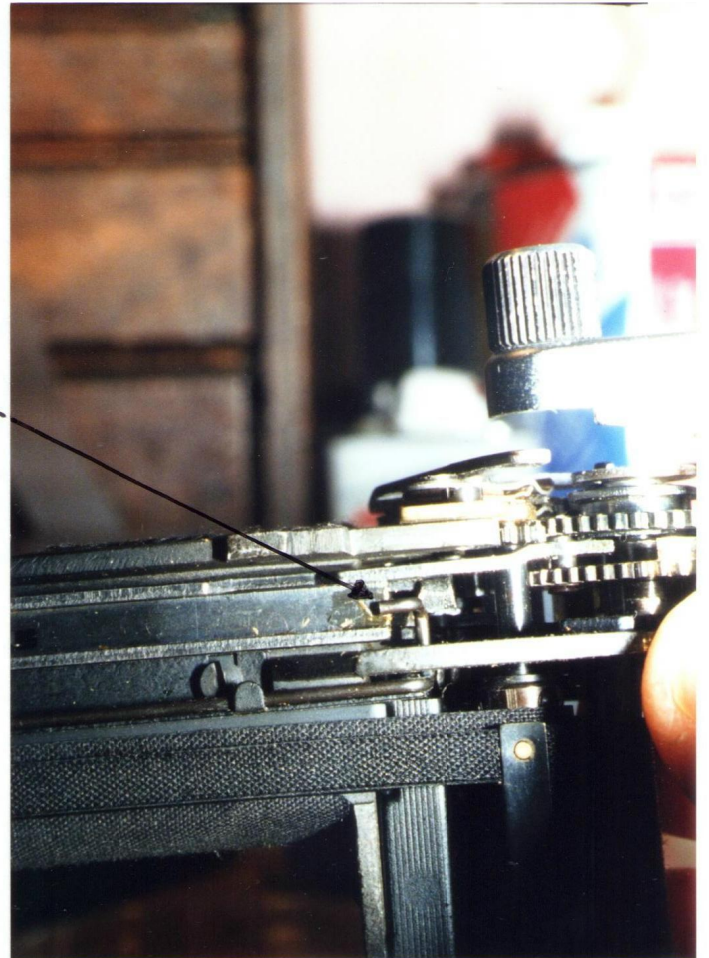
TIMING LEVER
PIVOT

Pivot is in fore-aft slot:
if too far to rear, all
high speeds will run at 1000.

Very touchy to get right.



SHUTTER OPEN @ "B".
NOTE B-LINKAGE (WIRE)
BLOCKING TIMING
LEVER.



Praktisix - Pentacon 6 Differences

SS Dial: - Praktisix I: No Click Stops, No Film Reminder; Screw under leather cover. #s Printed.
- Praktisix II: Clickstops, No Film Reminder; Screw under leather cover. #s Engraved.
- Pentacon 6: Clickstops, Film Reminder. Slotted not under fascia. #s Engraved w/12-24 marking.

VF Mounts: - Praktisix I: Raised bosses, no washers.
- Praktisix II, Pentacon: Flat top w/washers.

Wind Hub: - Praktisix I, II: No film reminder; leather cover on spanner screw. Frame counter dial lifts off, no return spring. 12 frames.
- Pentacon 6: film reminder fascia glued to slotted nut. Counter dial connected to body by return spring. 12-24 latch is part of top cover under counter.

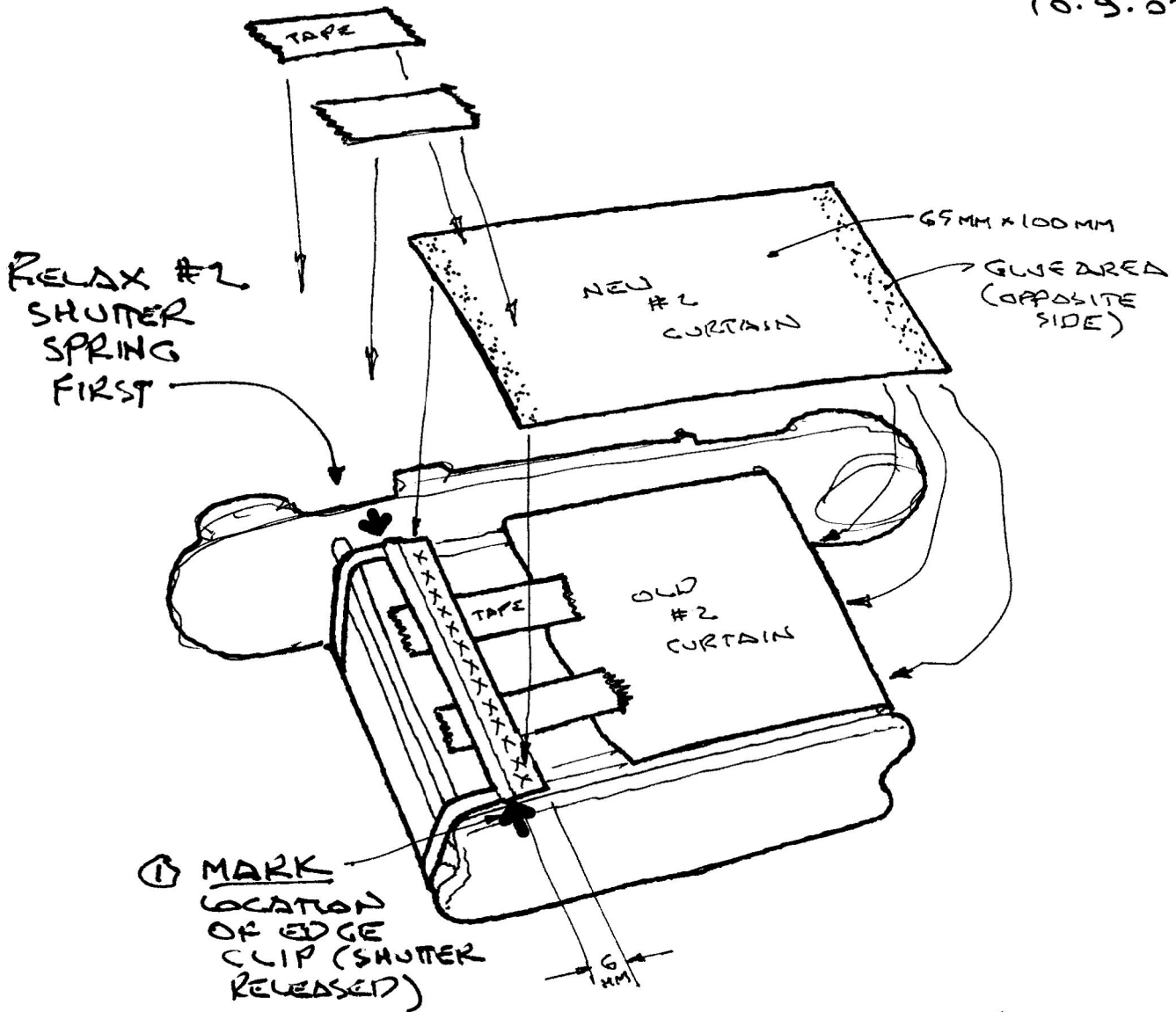
Frame Counter: - Praktisix: Manual reset via flush button, progressive gearing for spacing.
- Pentacon 6: Auto reset, film measuring roller.

Chassis Removal: - Praktisix I: Spring anchor post + 1 screw @ RH end; 2 screws @ LH end; 4 screws @ corners of VF screen. All from above.
- Praktisix II: Spring anchor post + 1 screw (under FF flash contacts) @ RH end; 2 screws @ LH end; 3 screws @ corners of VF screen. All from above.
- Pentacon 6: Spring anchor post @ RH end; 2 screws @ LH end; 3 screws @ corners of VF screen. 1 screw from below @ RH end, concealed by round fascia plate around film wind shaft.

WC FINDER: Snap latches only in Praktisix I & II; positive lock w/release button in Pentacon Six.

PRAKTIKSI: #2 SHUTTER CURTAIN

10.9.02



1 MARK LOCATION OF EDGE CLIP (SHUTTER RELEASED)

2 CUT OLD CURTAIN NEAR EDGE CLIP, LEAVING 6MM OF FABRIC TO GLUE TO.

3 PULL REST OF CURTAIN TIGHT & SECURE WITH TAPE.

4 CUT NEW CURTAIN 65MM x 100MM & GLUE LH EDGE TO 6MM OF OLD CURTAIN @ EDGE CLIP. BUTT EDGE OF FABRIC UP TO EDGE CLIP SO IT LOOKS CLEAN.

5 TAPE EDGE CLIP IN POSITION AT MARKS w/NEW CURTAIN ATTACHED.

6 PULL NEW CURTAIN TIGHT & GLUE OTHER END TO OLD CURTAIN FABRIC.

7 AFTER GLUE HAS SET, REMOVE TAPE & CUT AWAY EXCESS OLD FABRIC BEYOND GLUE JOINT. RETENSION SPRING.

8 CHK. SHUTTER GAP, ADJUST AS REQUIRED.