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HI-MATIC E

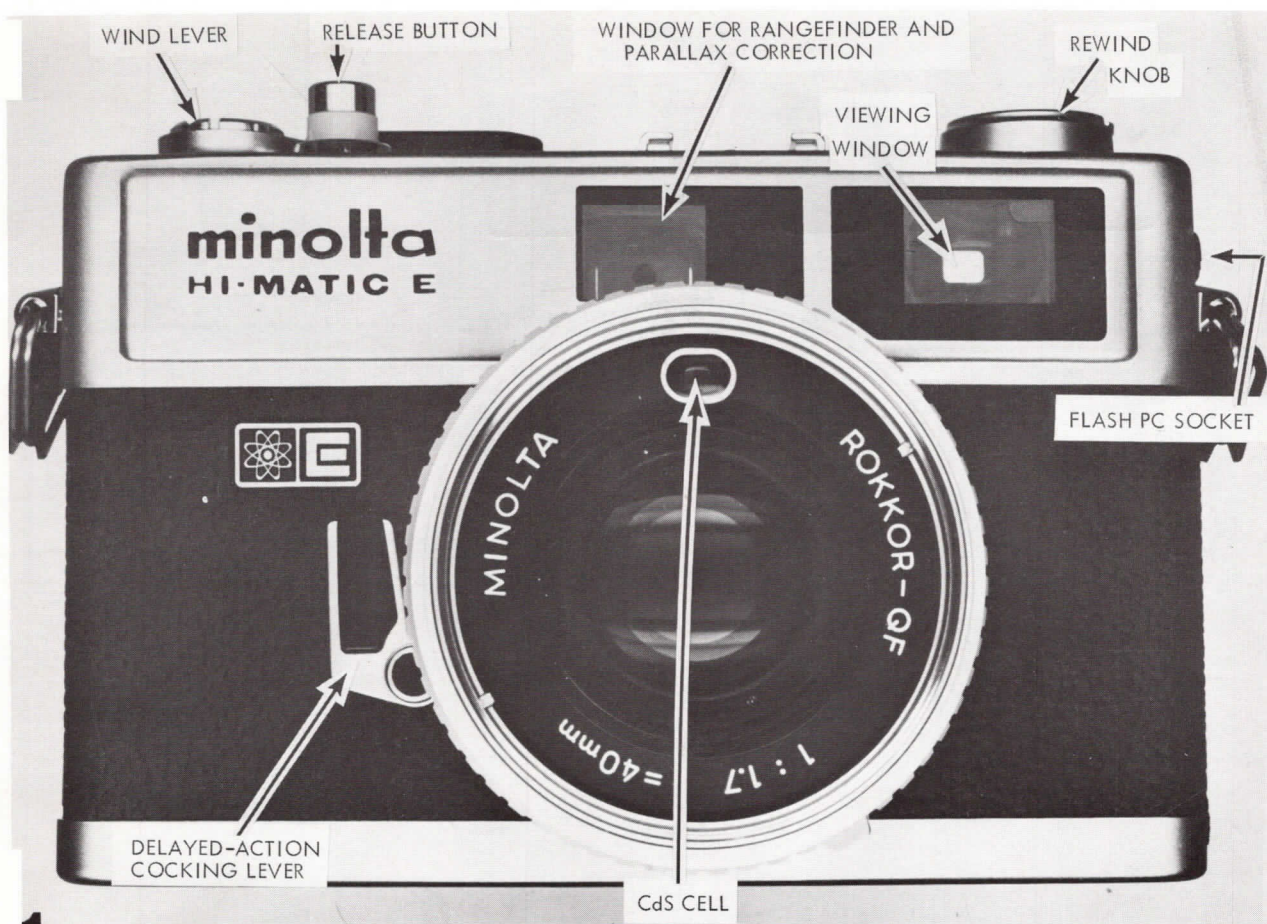


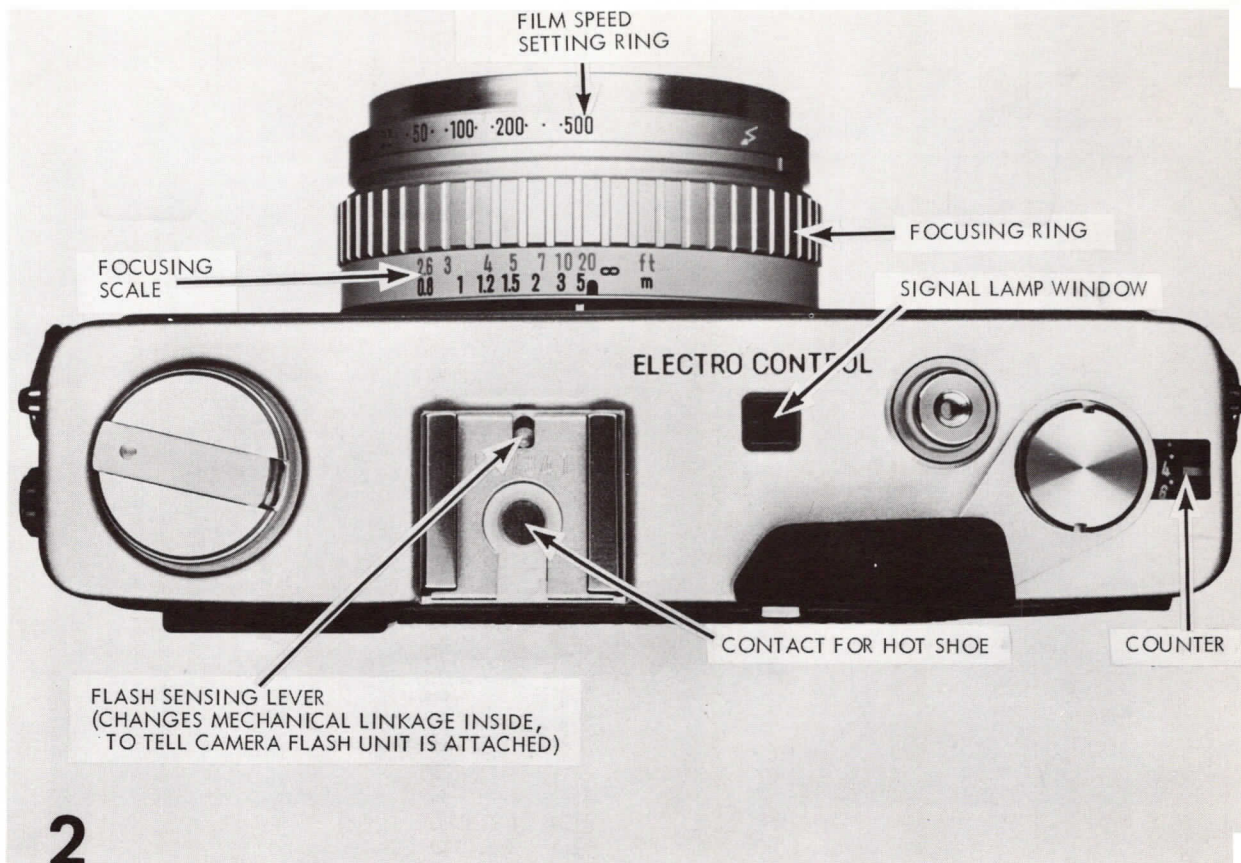
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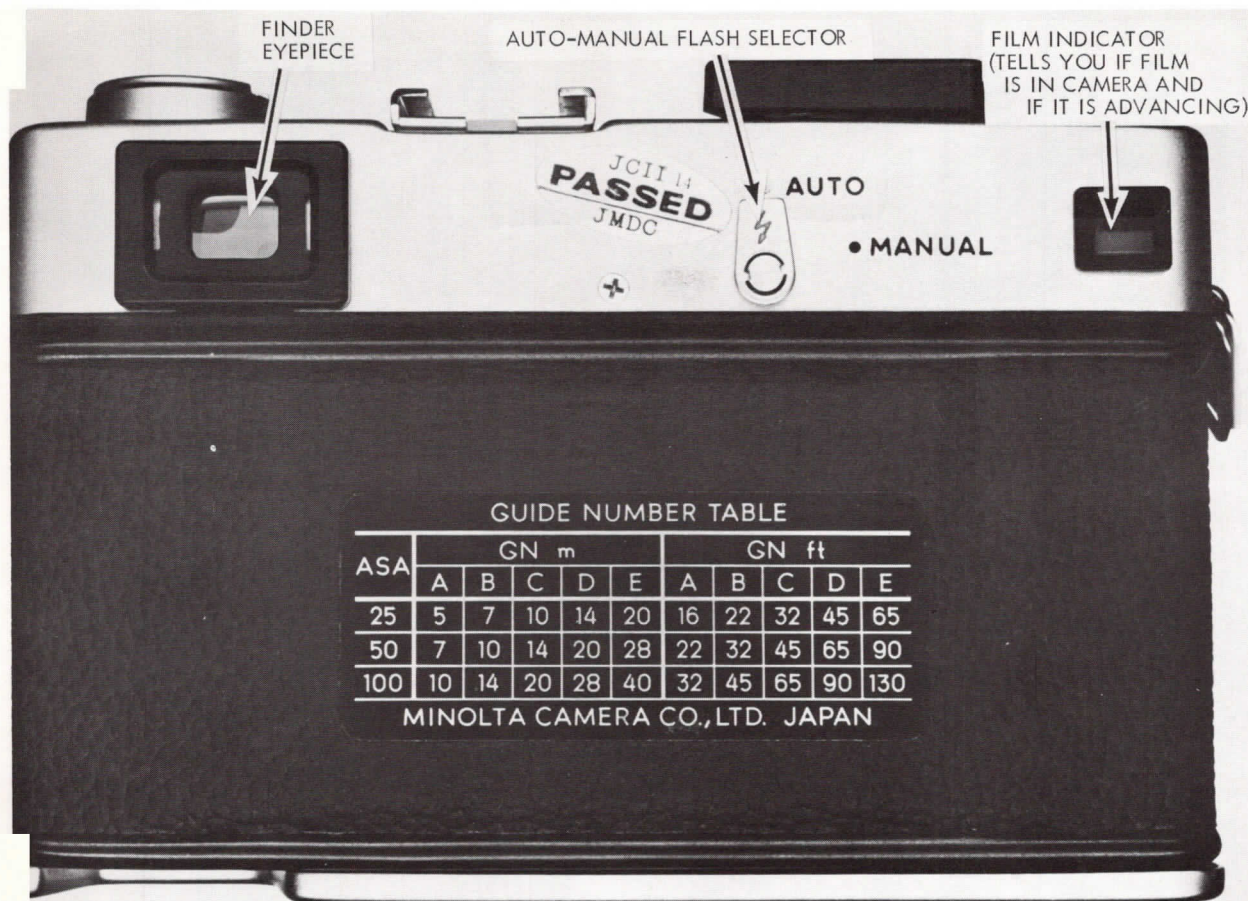
National Camera
Technical Training Division
Englewood, Colorado, 80110 U.S.A.



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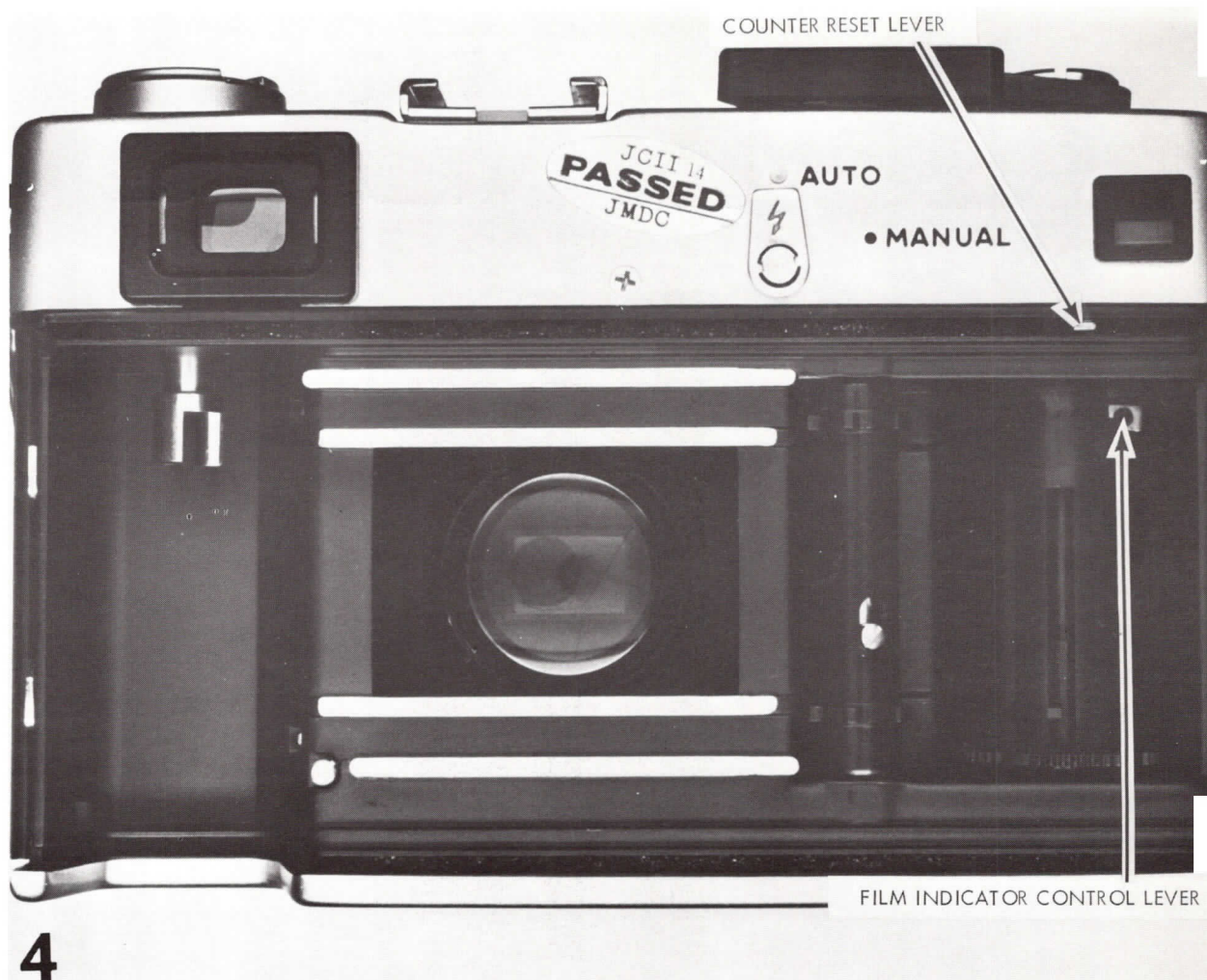


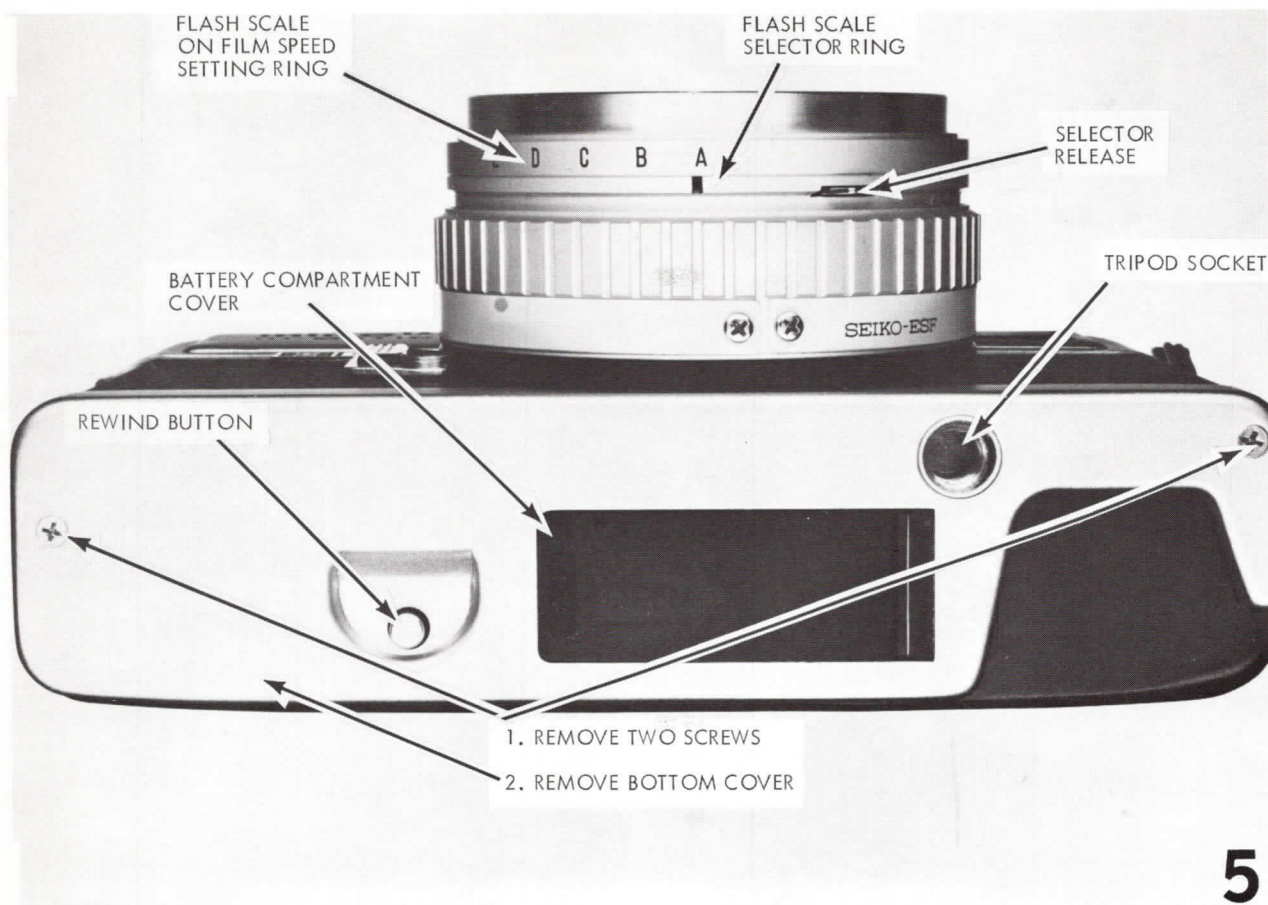


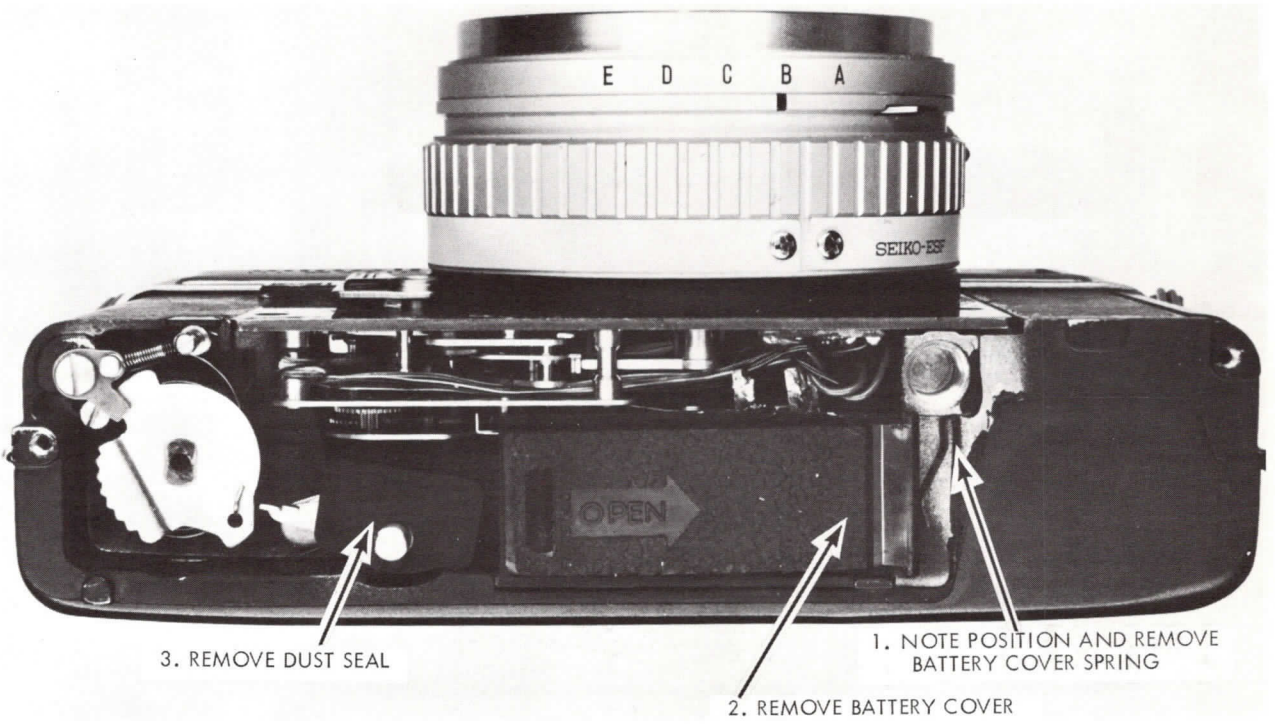


PULL UP REWIND KNOB TO OPEN CAMERA BACK

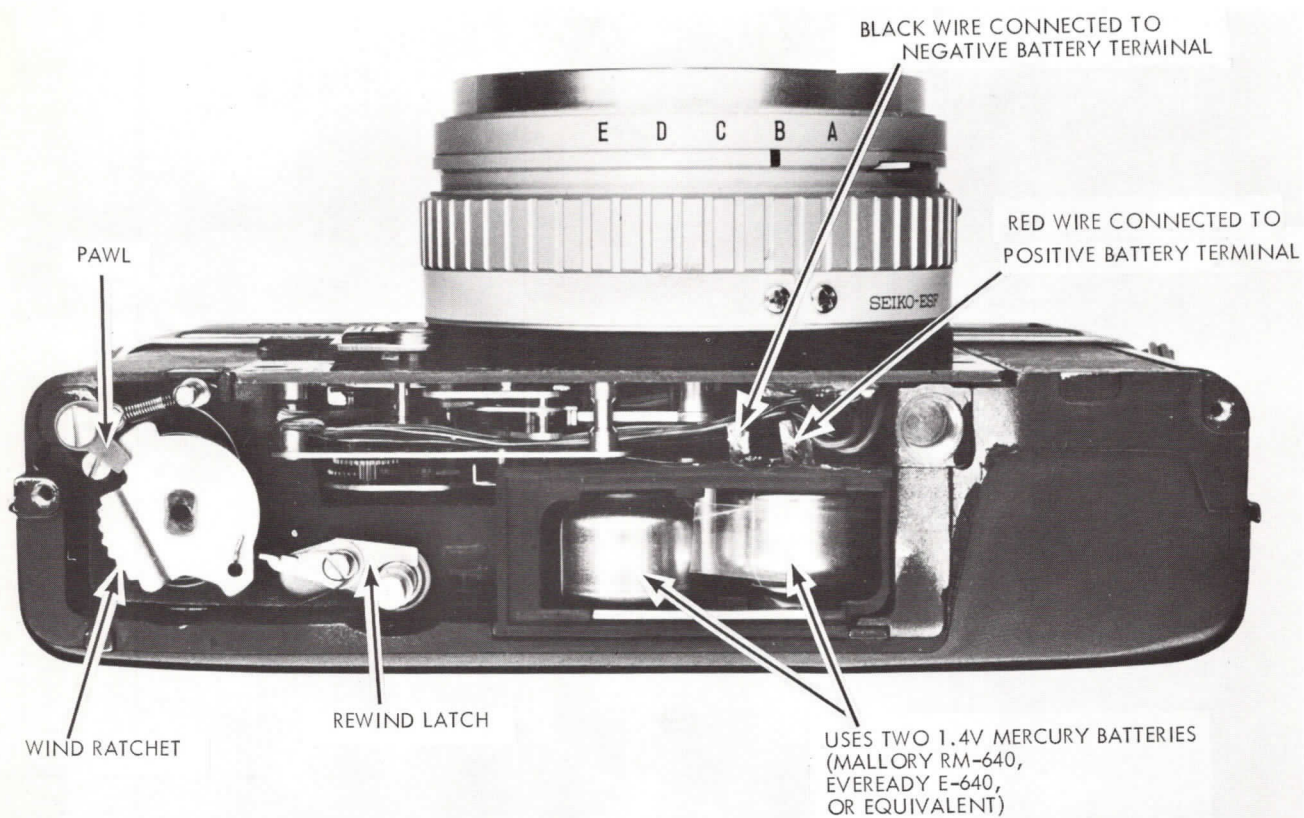
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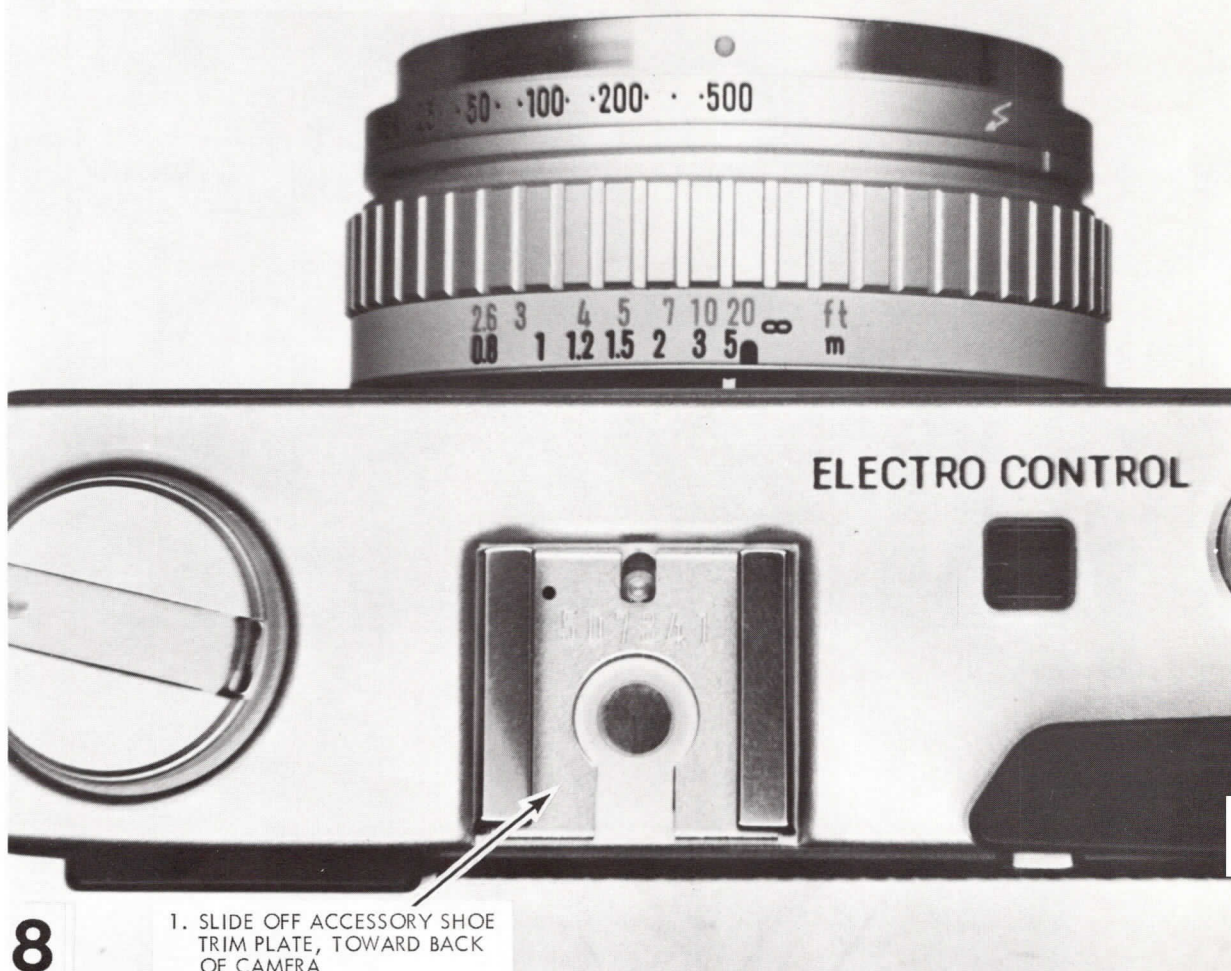


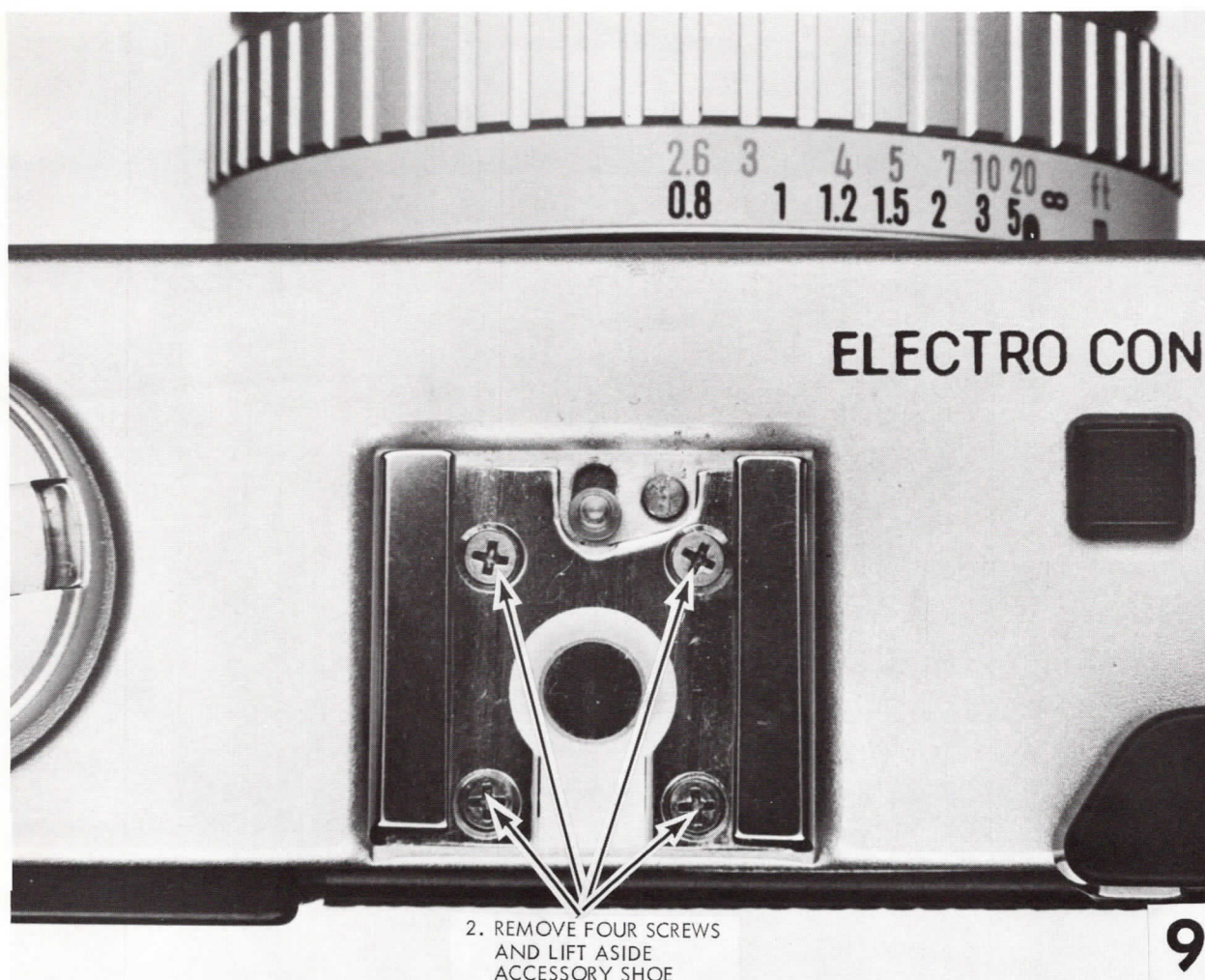


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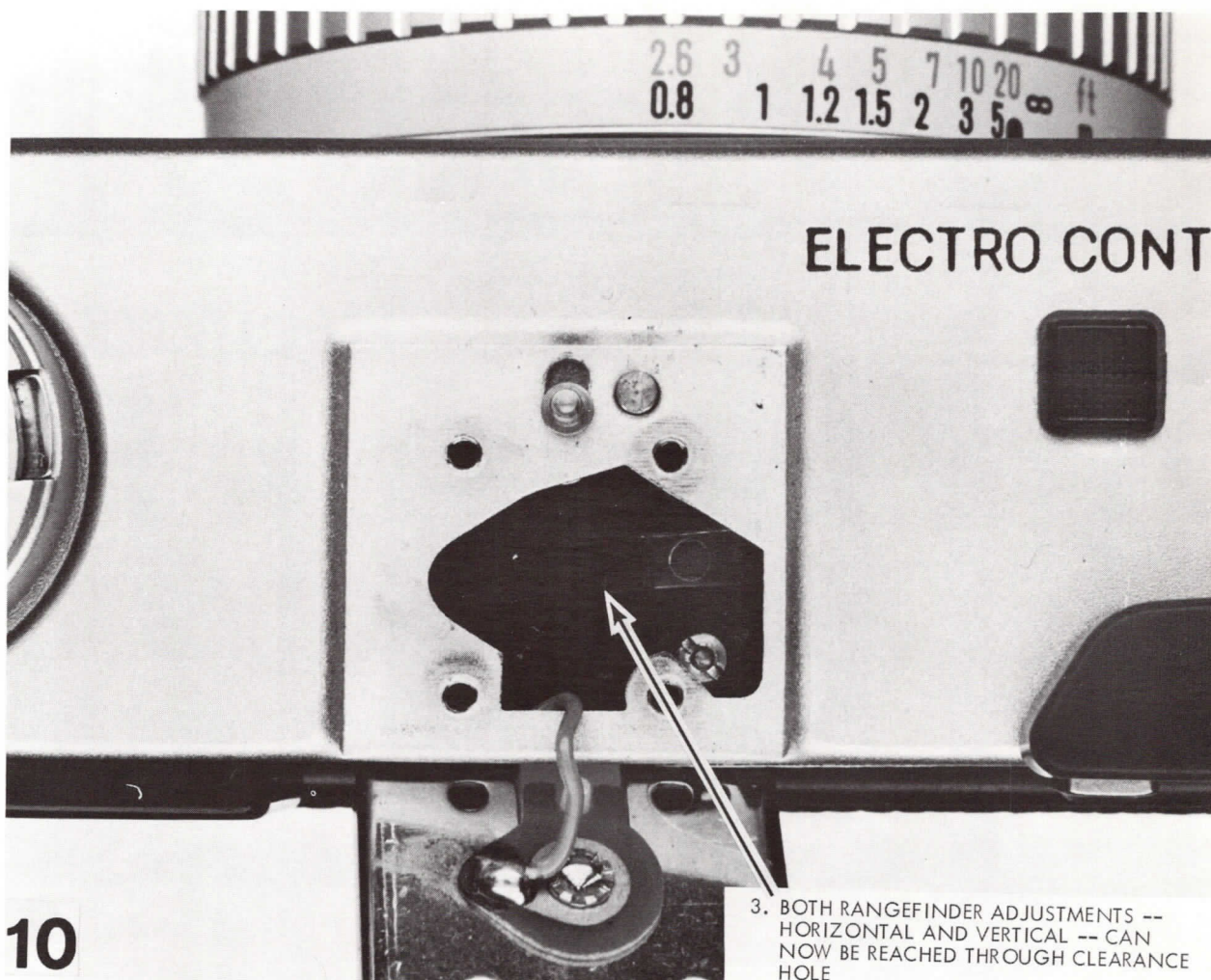
TO REACH RANGEFINDER ADJUSTMENT:

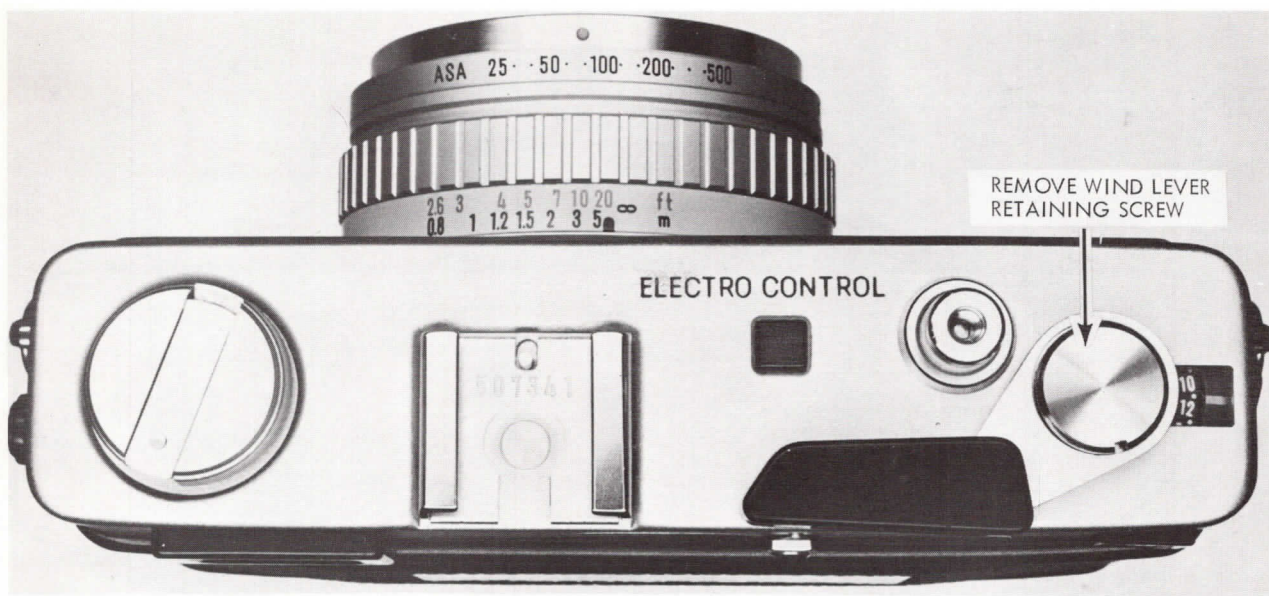


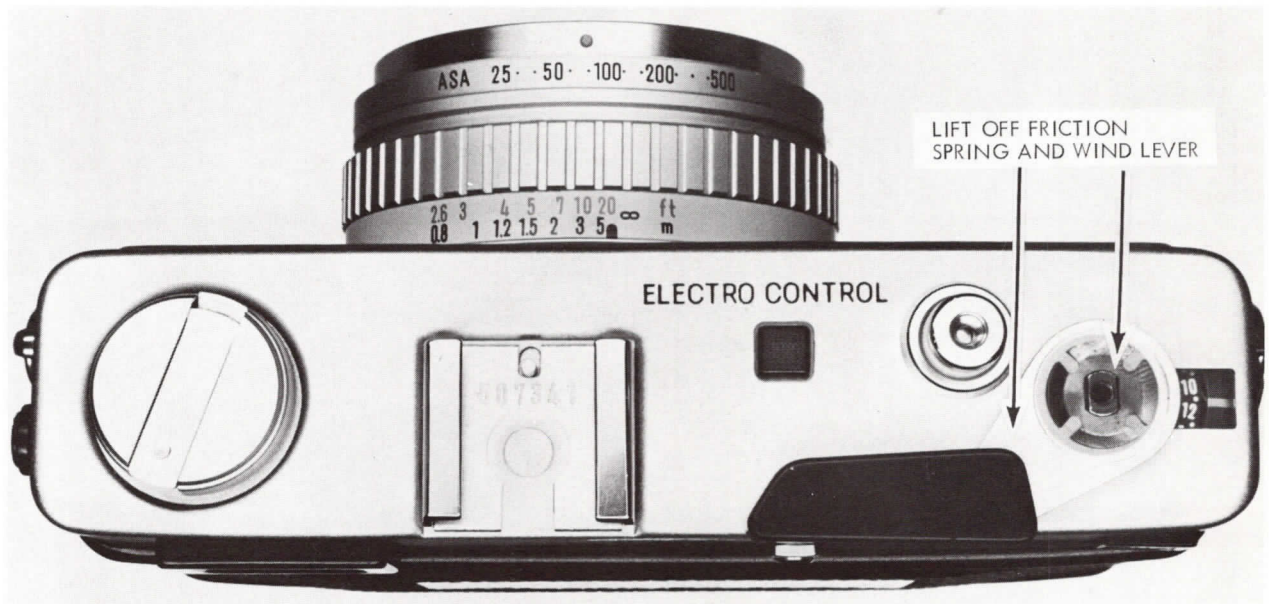


2. REMOVE FOUR SCREWS
AND LIFT ASIDE
ACCESSORY SHOE

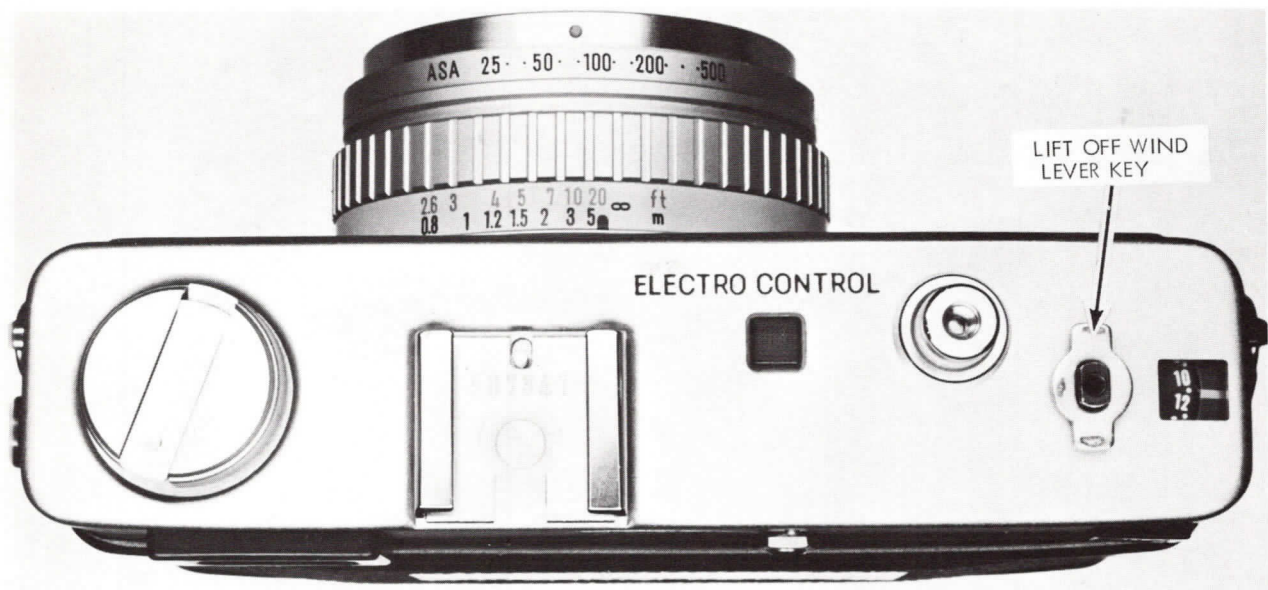
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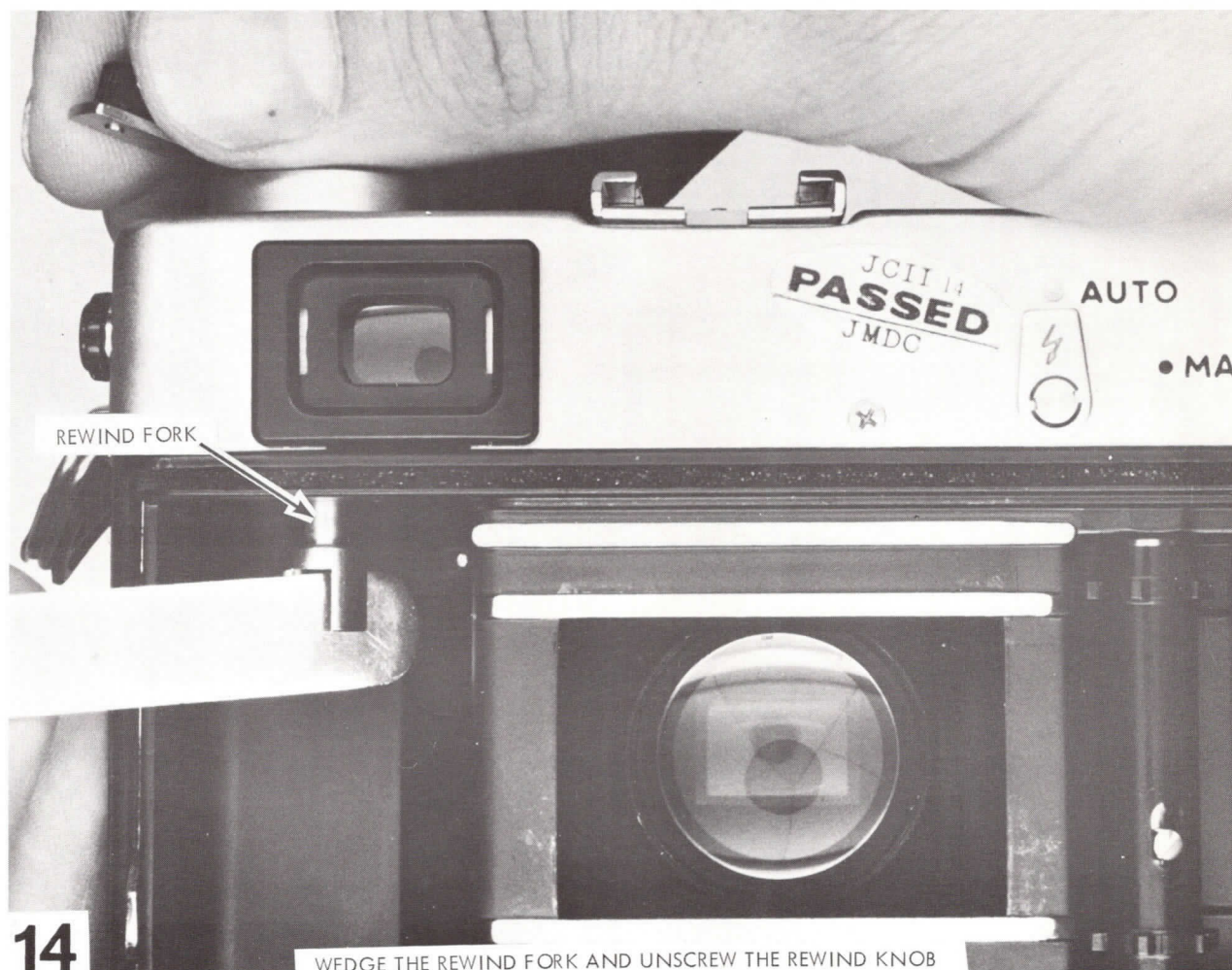


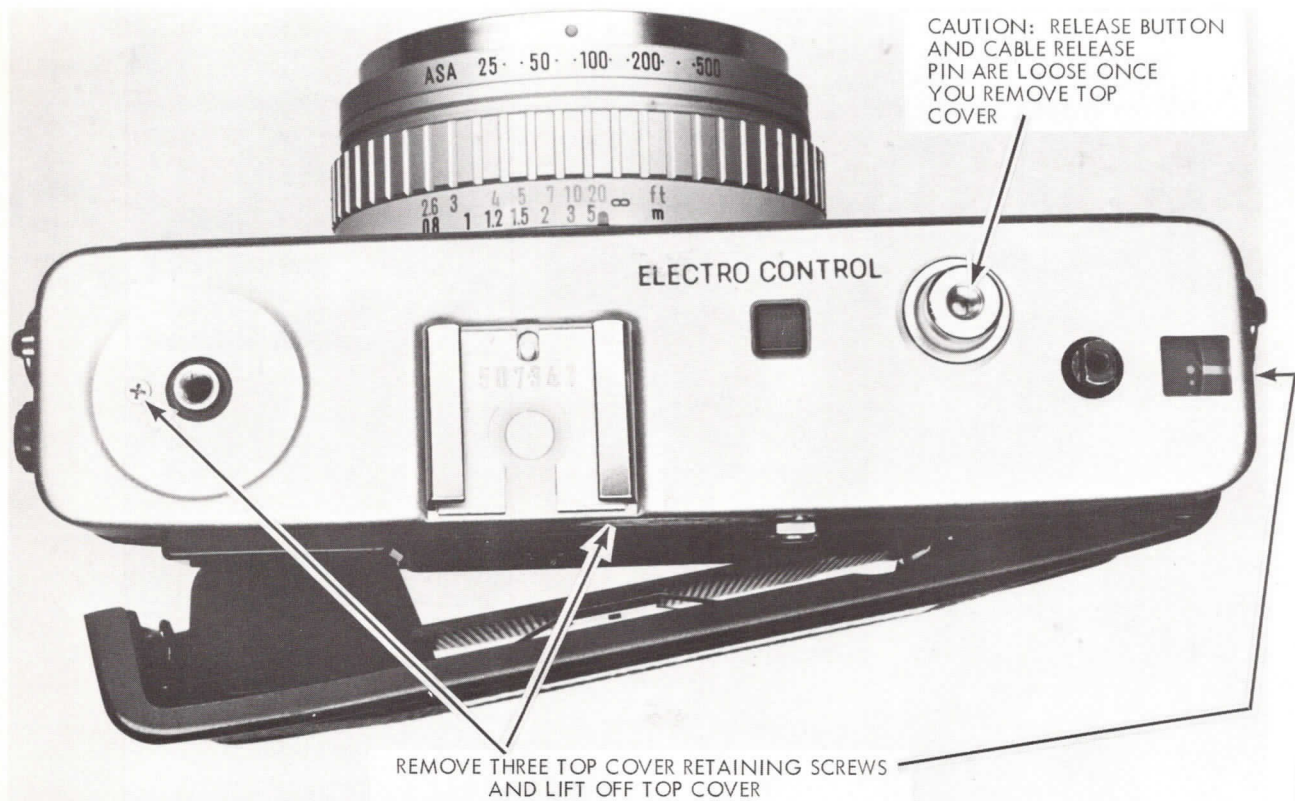


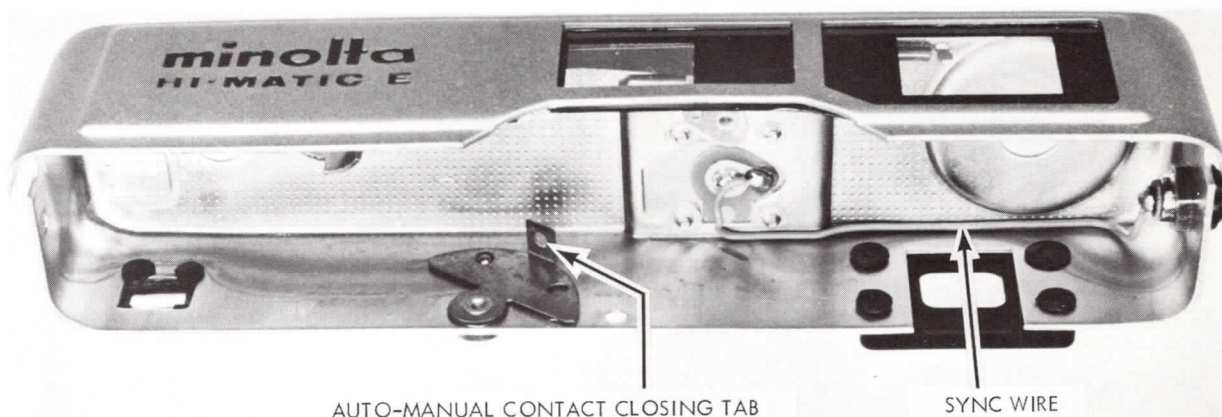


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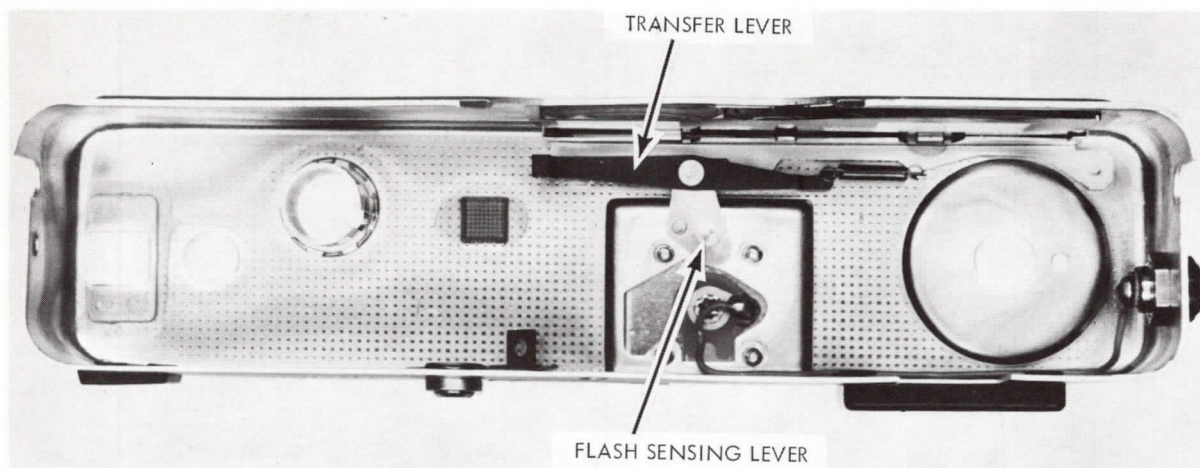


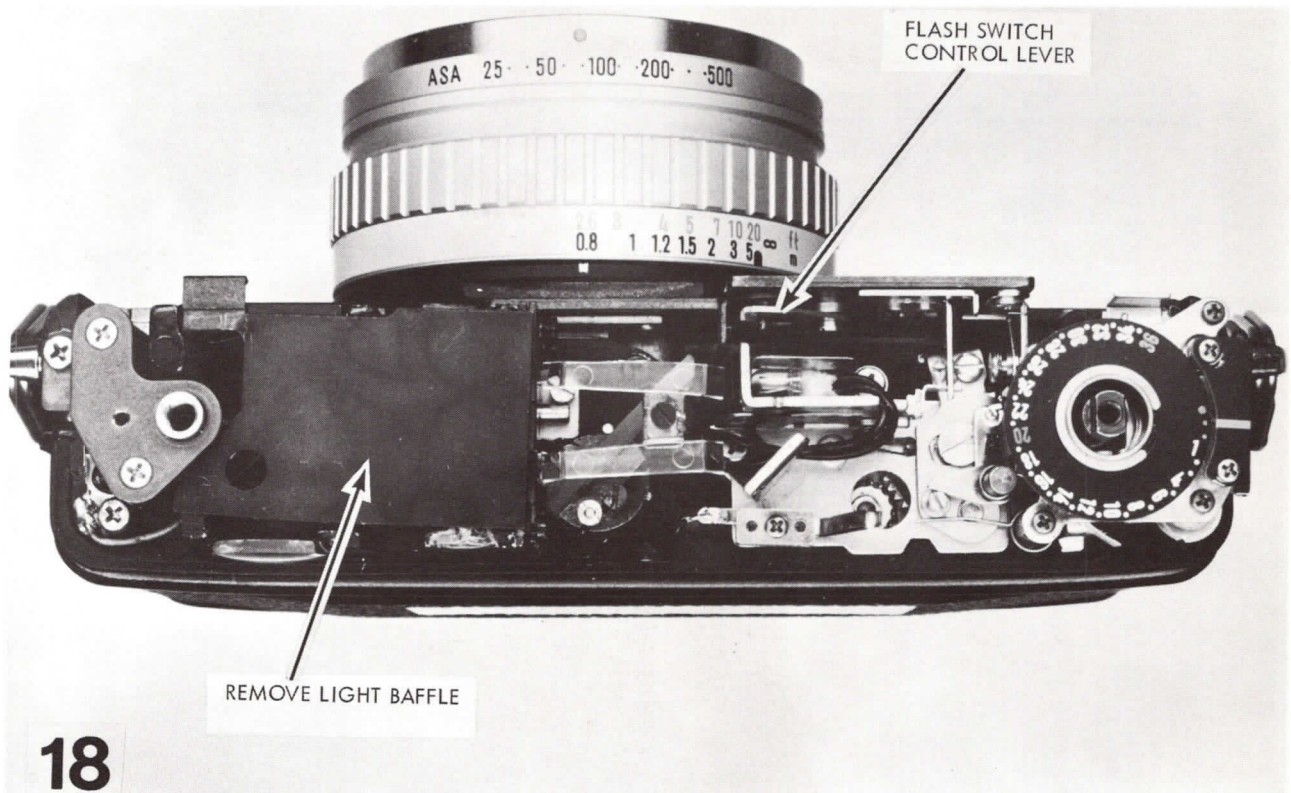


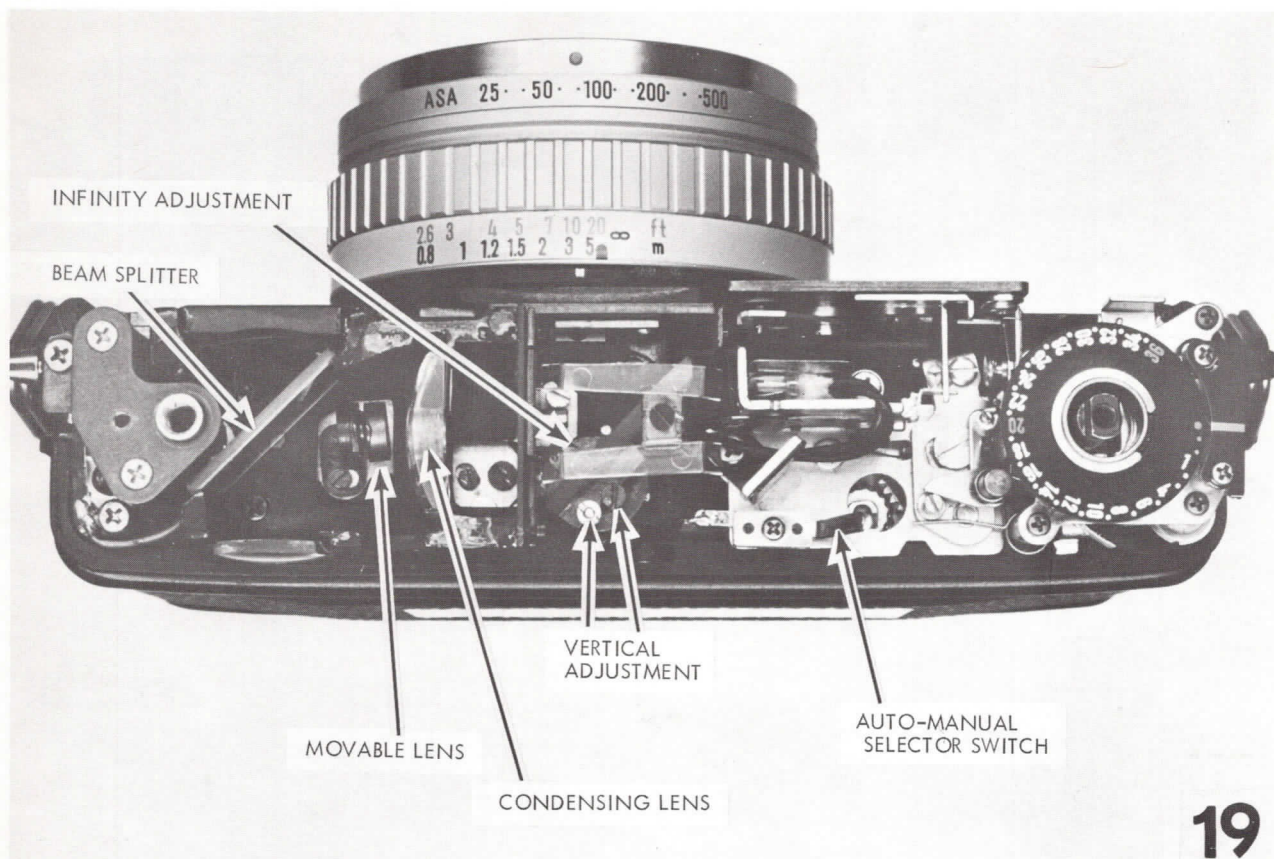


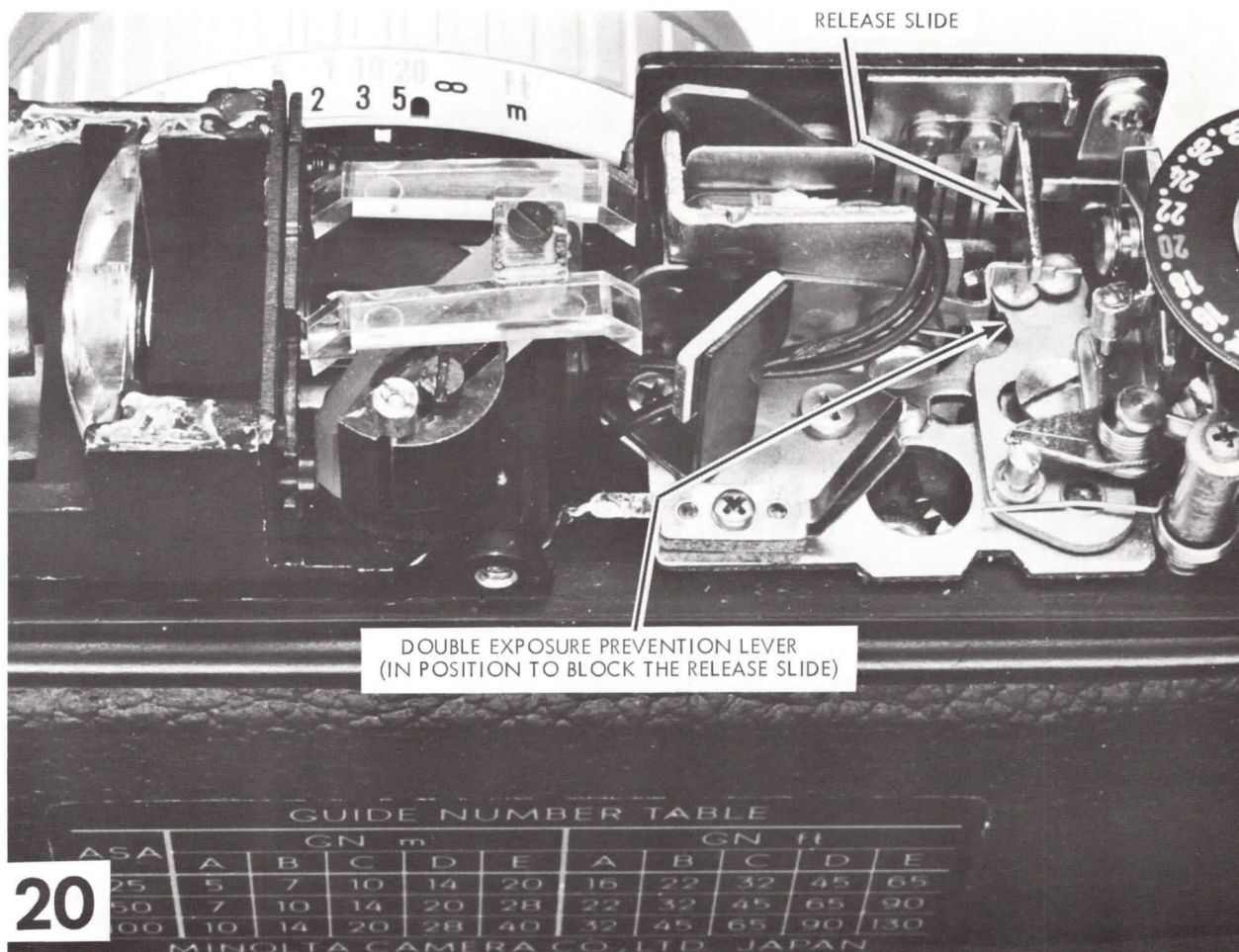


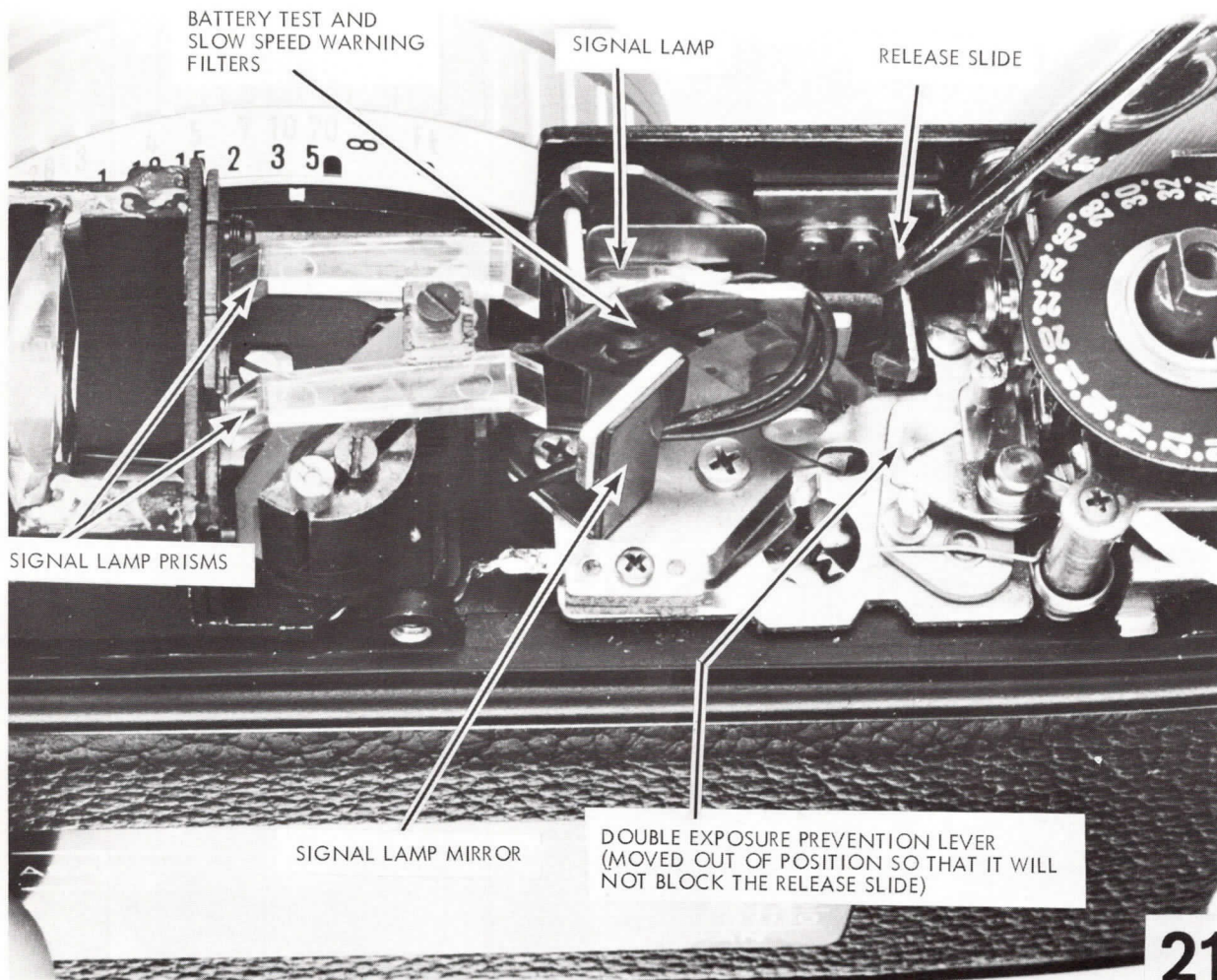
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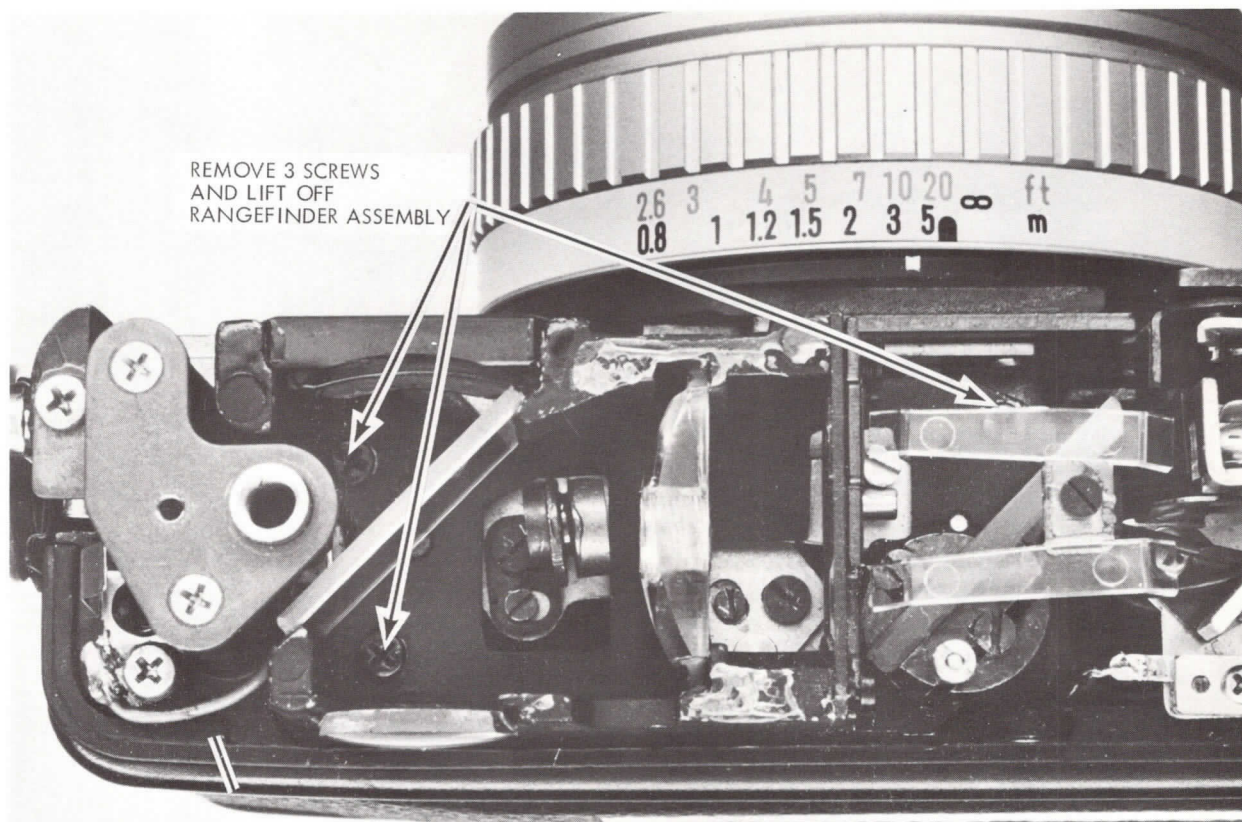


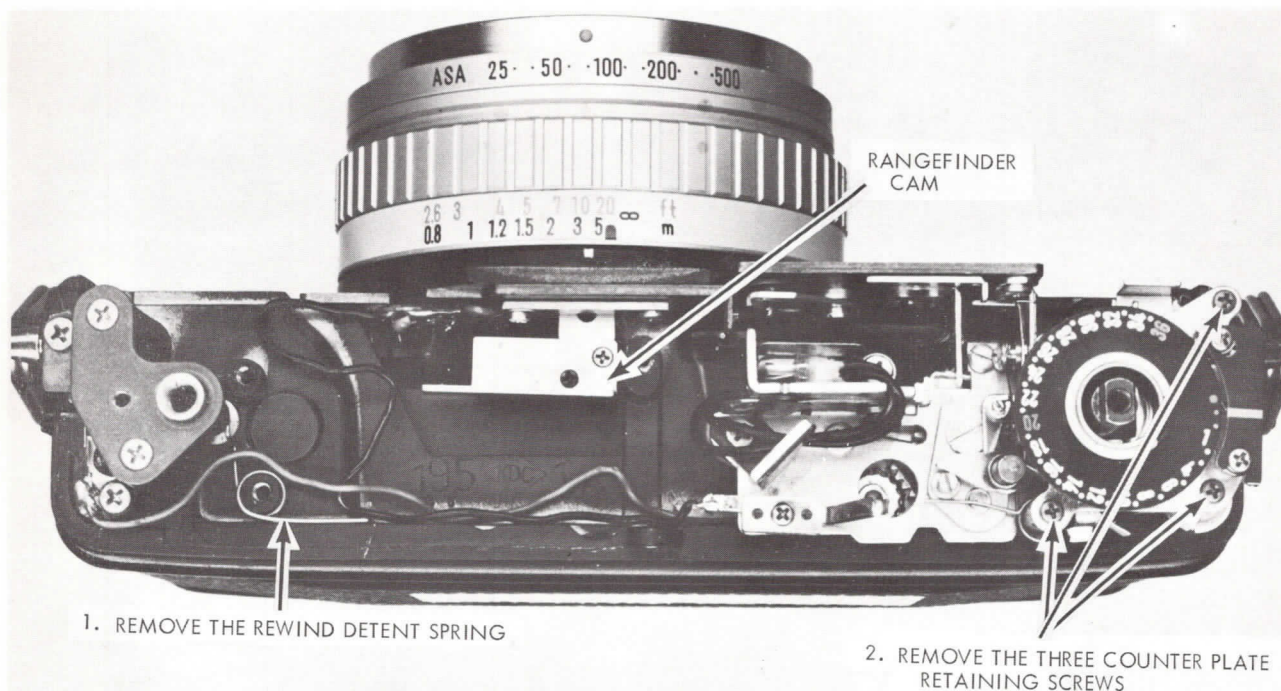


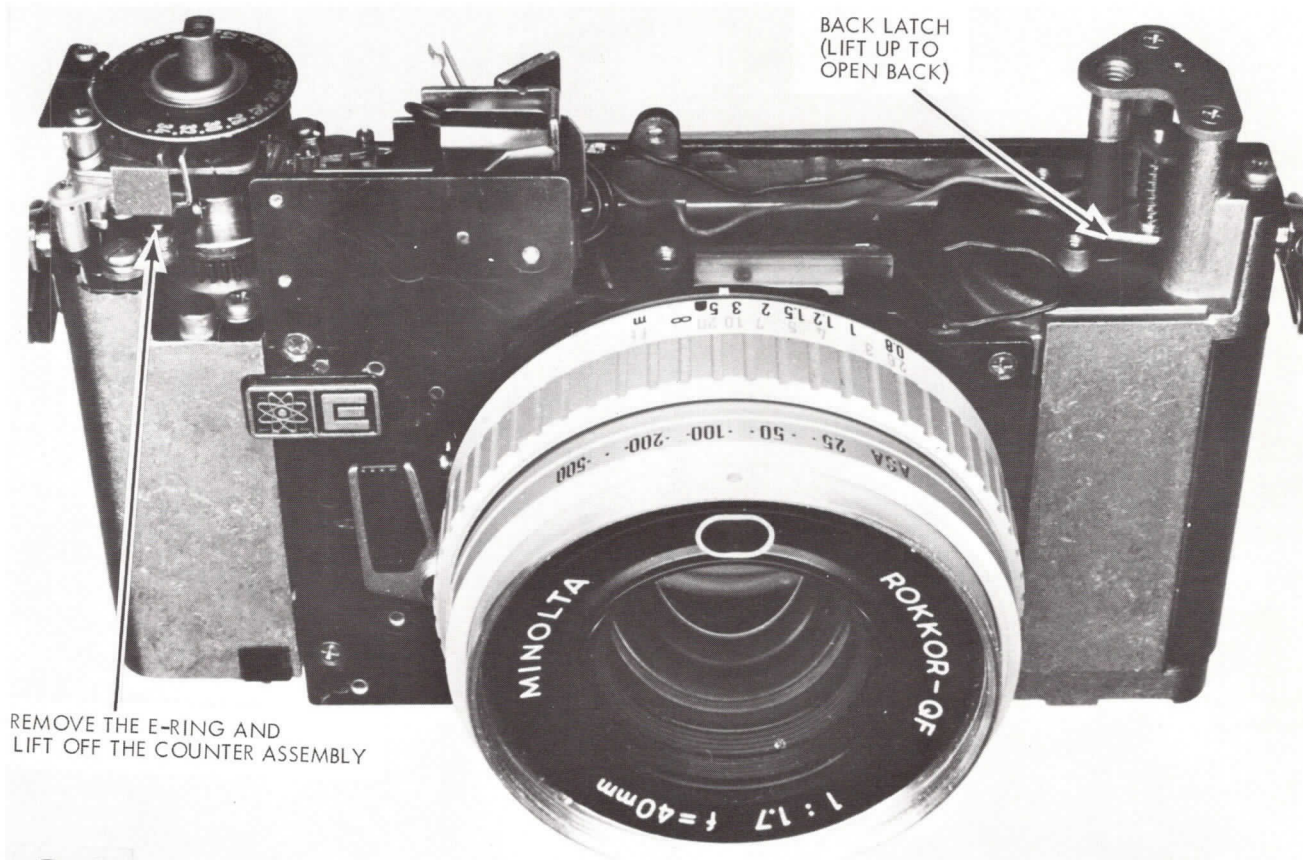




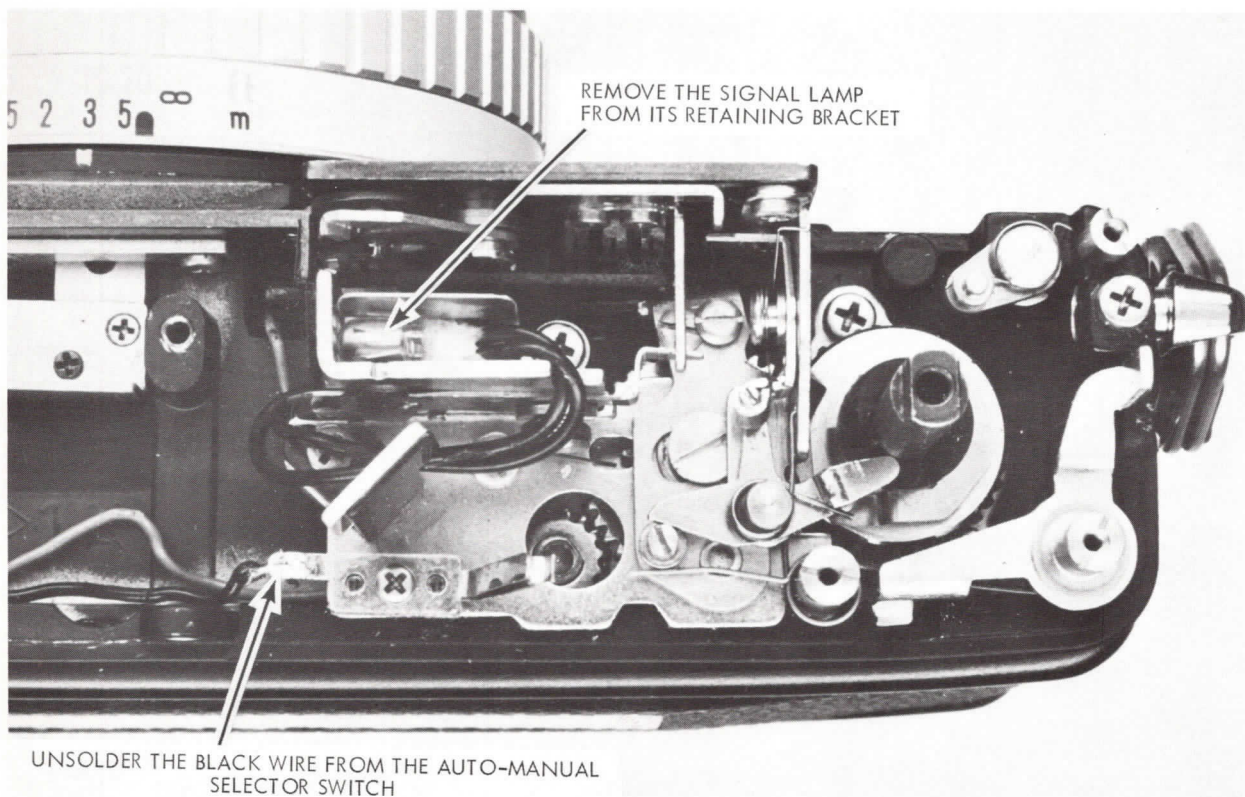


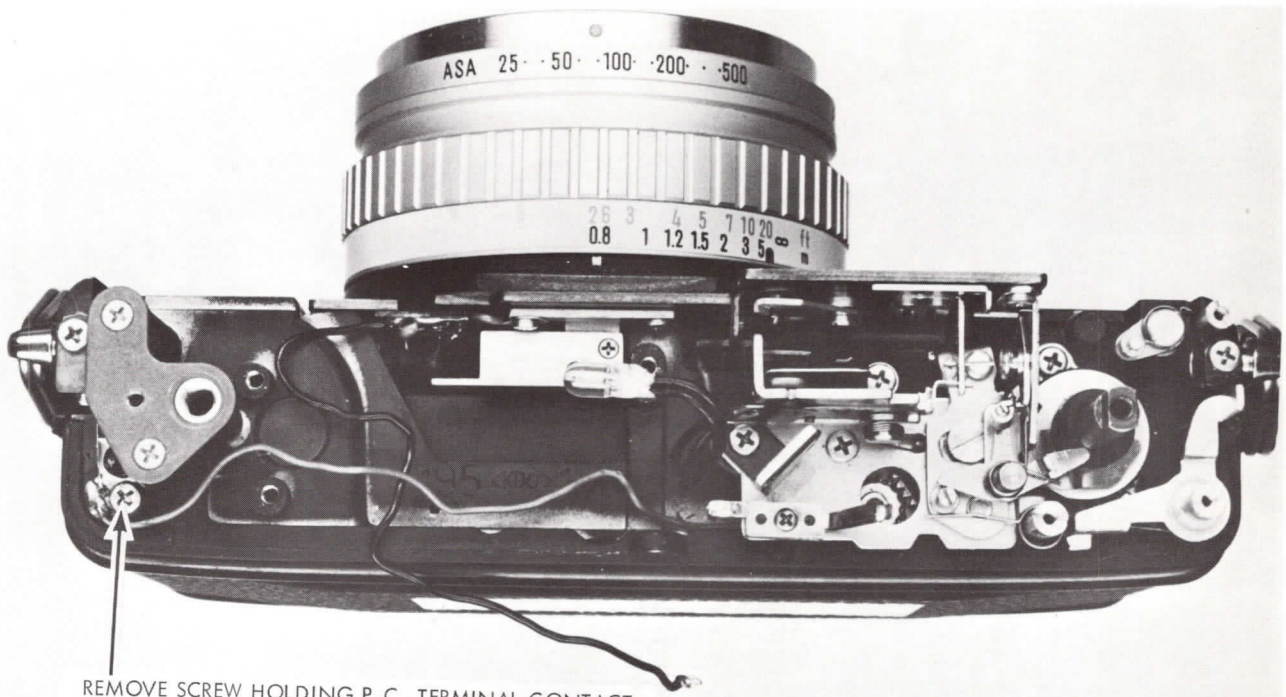




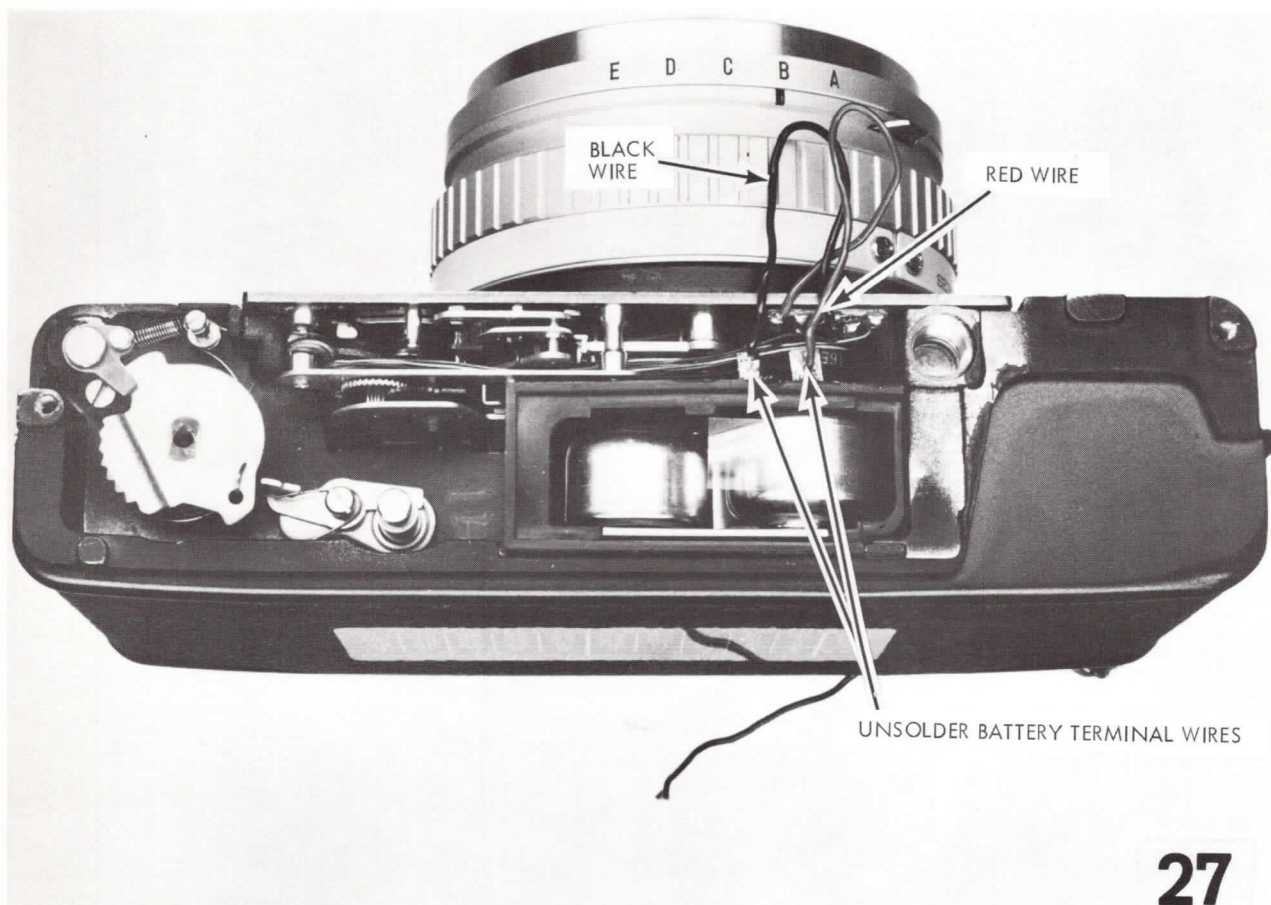


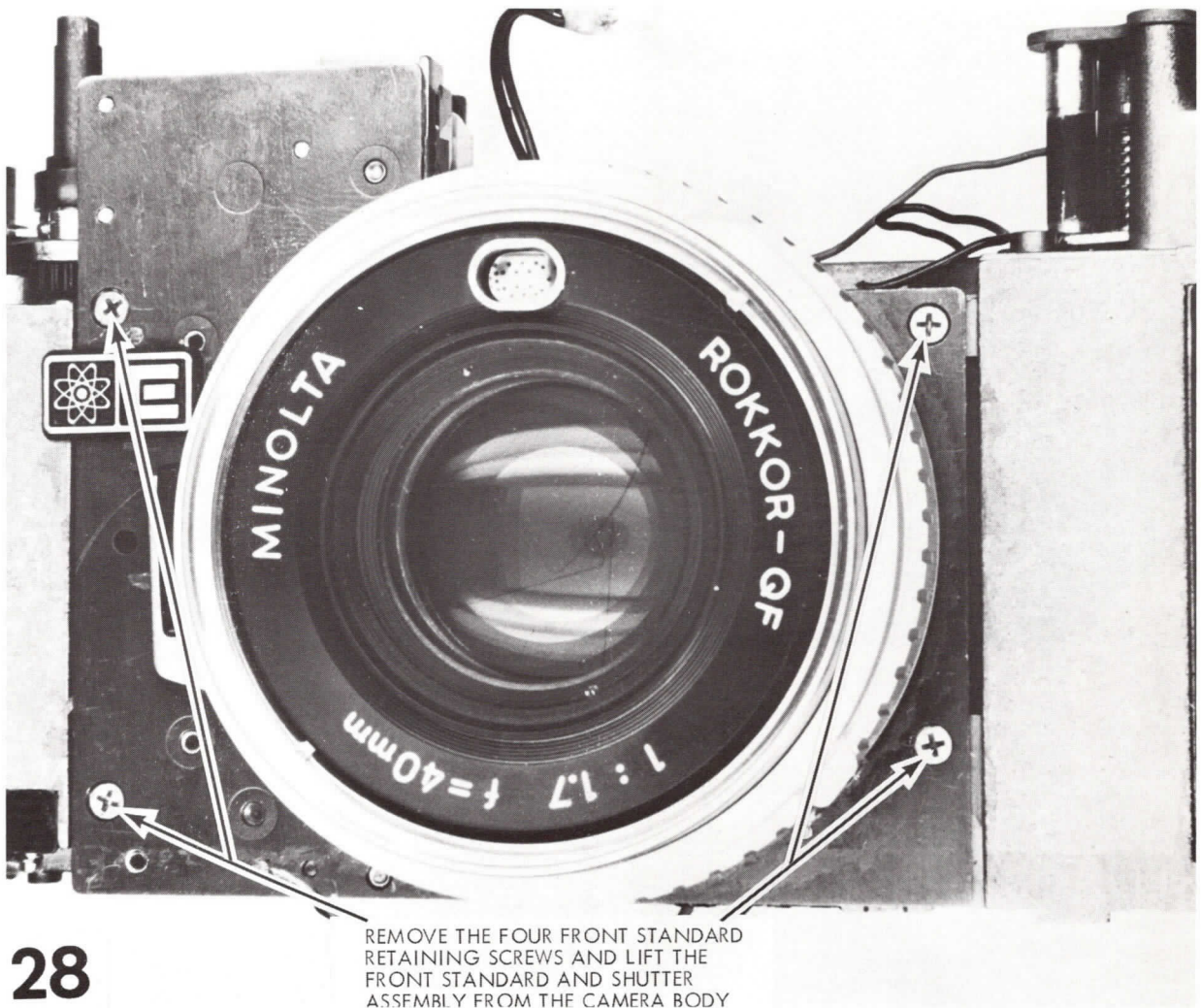
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REMOVE SCREW HOLDING P.C. TERMINAL CONTACT





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REMOVE THE FOUR FRONT STANDARD
RETAINING SCREWS AND LIFT THE
FRONT STANDARD AND SHUTTER
ASSEMBLY FROM THE CAMERA BODY

BE CAREFUL YOU DON'T
BEND SHIELD FOR FLASH
INDICATOR

RELEASE SLIDE

RANGEFINDER CAM

ELECTRONIC CIRCUIT
BOARD

DELAYED-ACTION
ESCAPEMENT

DELAYED-ACTION
PULL-DOWN
LEVER

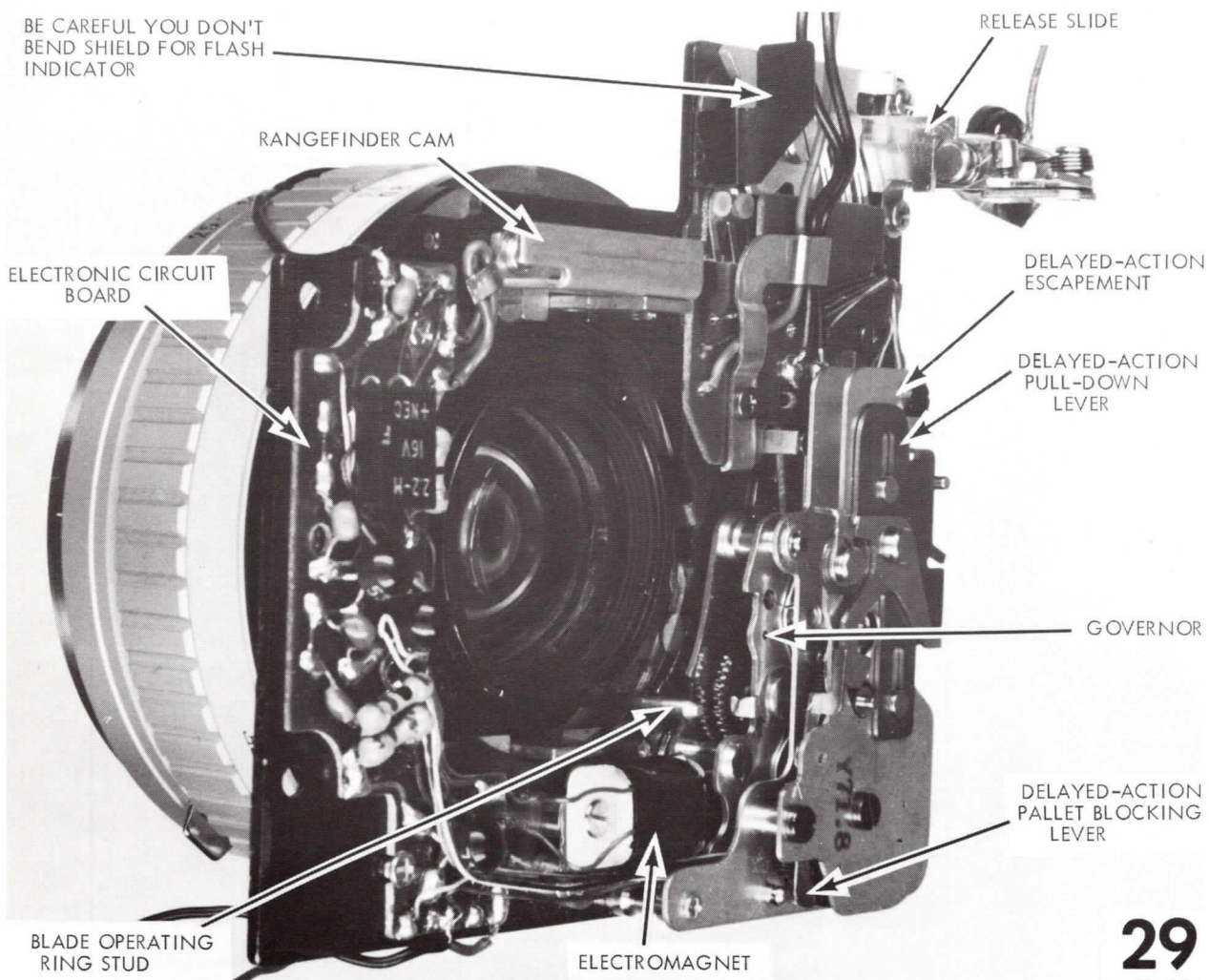
GOVERNOR

DELAYED-ACTION
PALLET BLOCKING
LEVER

BLADE OPERATING
RING STUD

ELECTROMAGNET

29

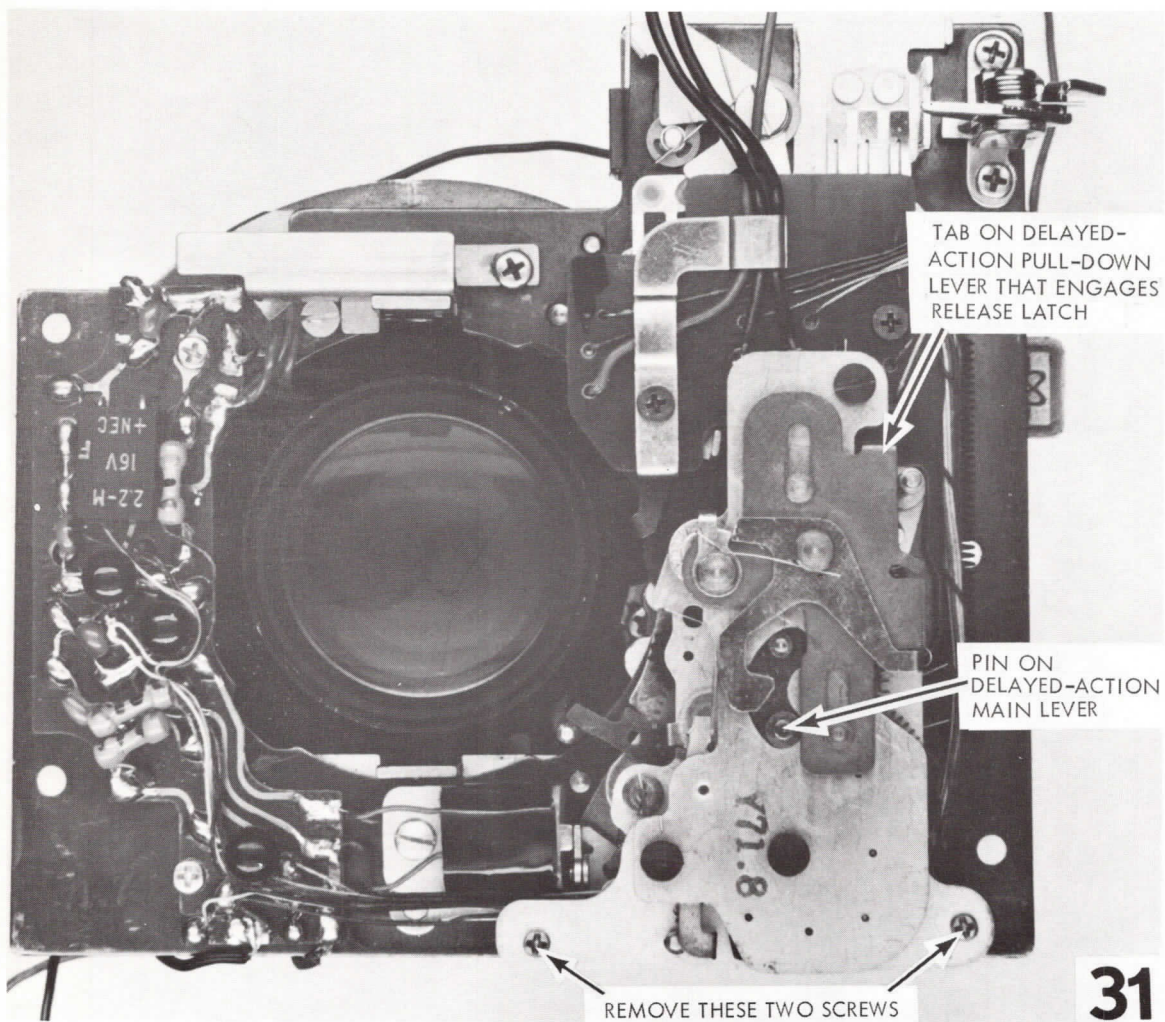




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1. REMOVE SCREW AND COLLAR

2. LIFT OFF DELAYED-ACTION COCKING LEVER

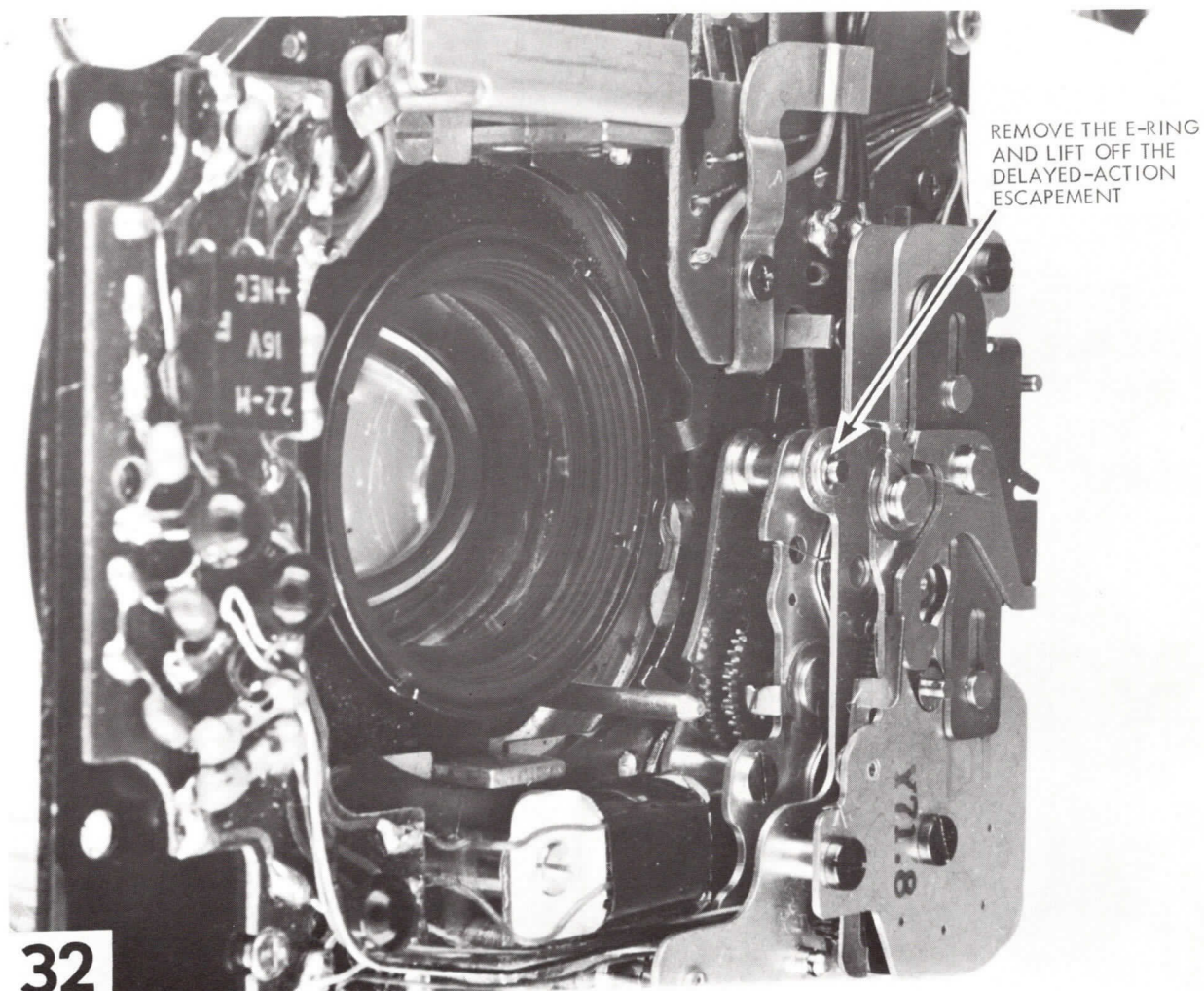


TAB ON DELAYED-ACTION PULL-DOWN LEVER THAT ENGAGES RELEASE LATCH

PIN ON DELAYED-ACTION MAIN LEVER

REMOVE THESE TWO SCREWS

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REMOVE THE E-RING
AND LIFT OFF THE
DELAYED-ACTION
ESCAPEMENT

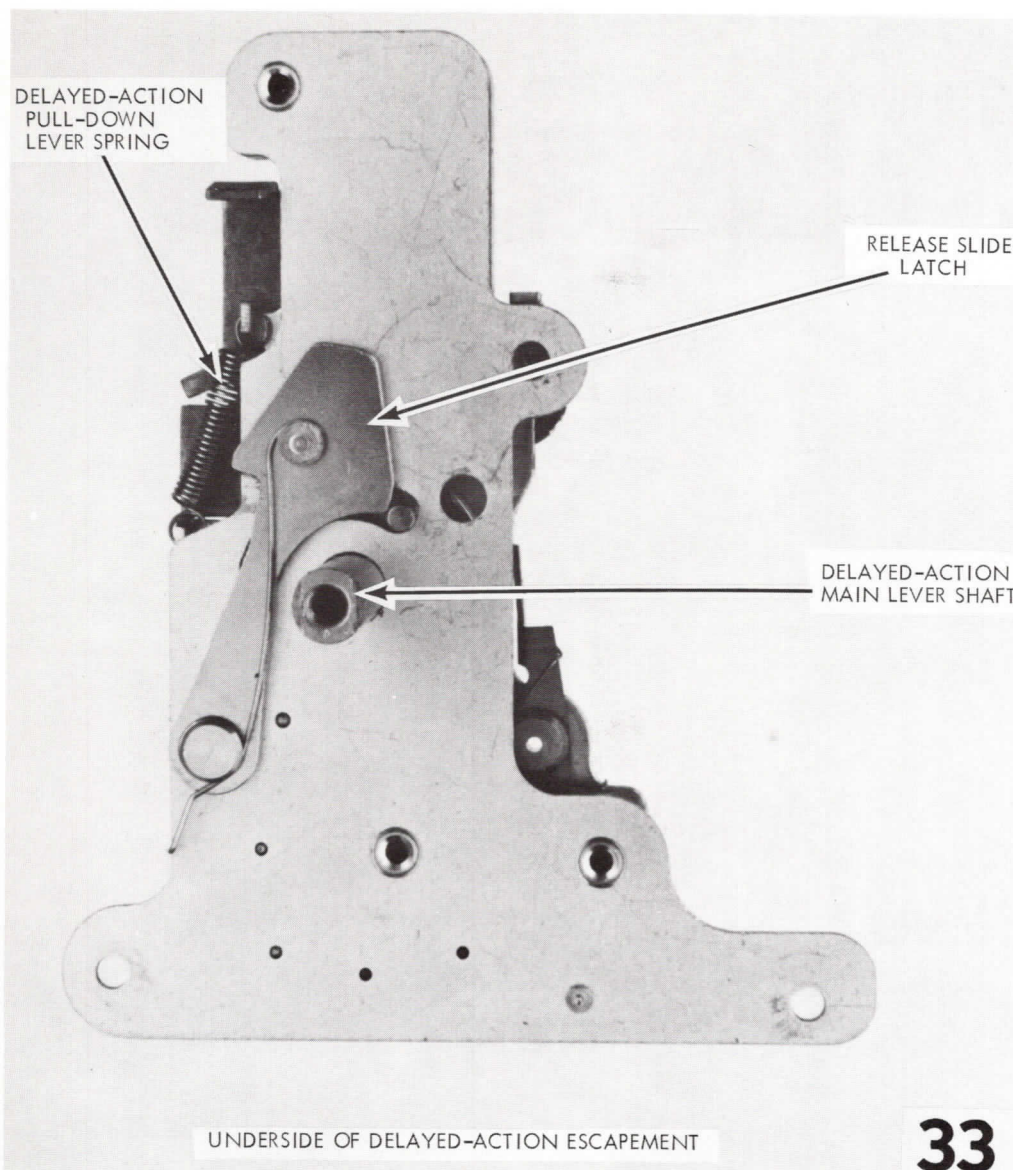
DELAYED-ACTION
PULL-DOWN
LEVER SPRING

RELEASE SLIDE
LATCH

DELAYED-ACTION
MAIN LEVER SHAFT

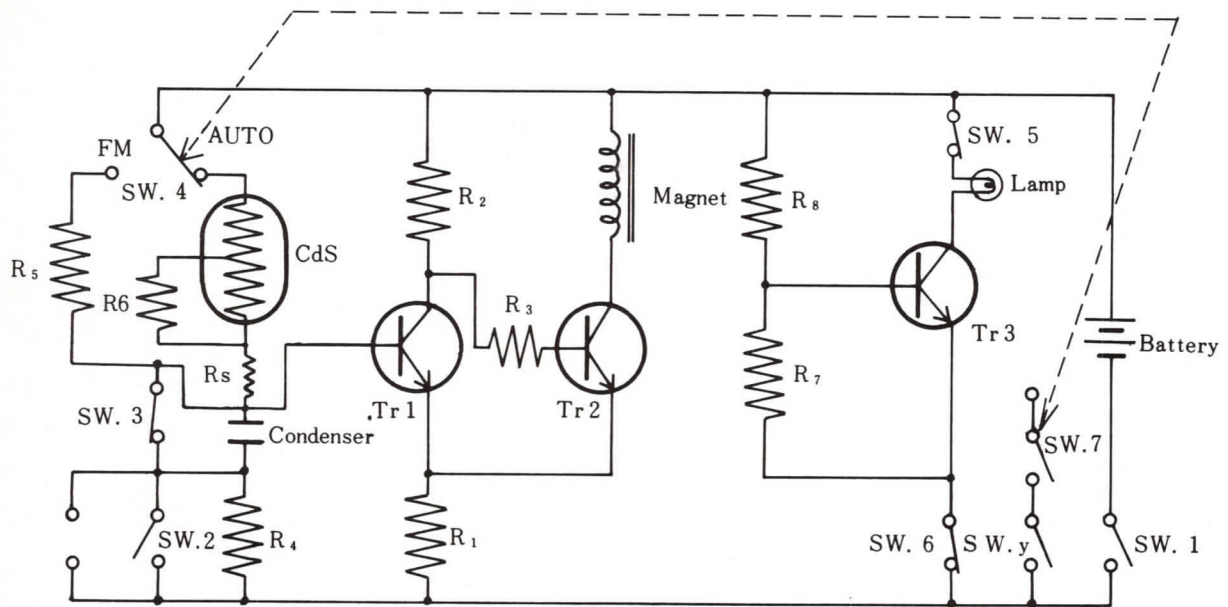
UNDERSIDE OF DELAYED-ACTION ESCAPEMENT

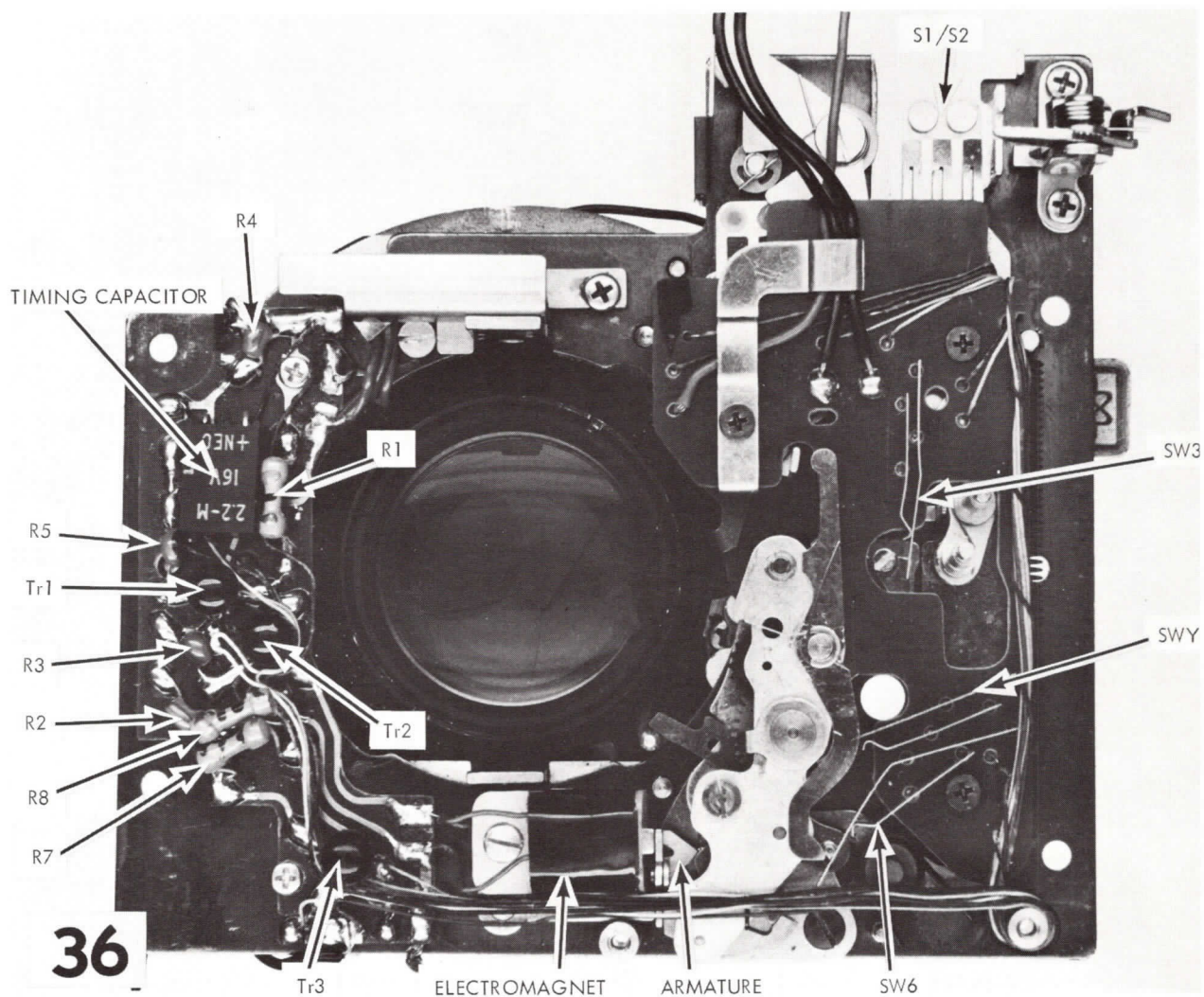
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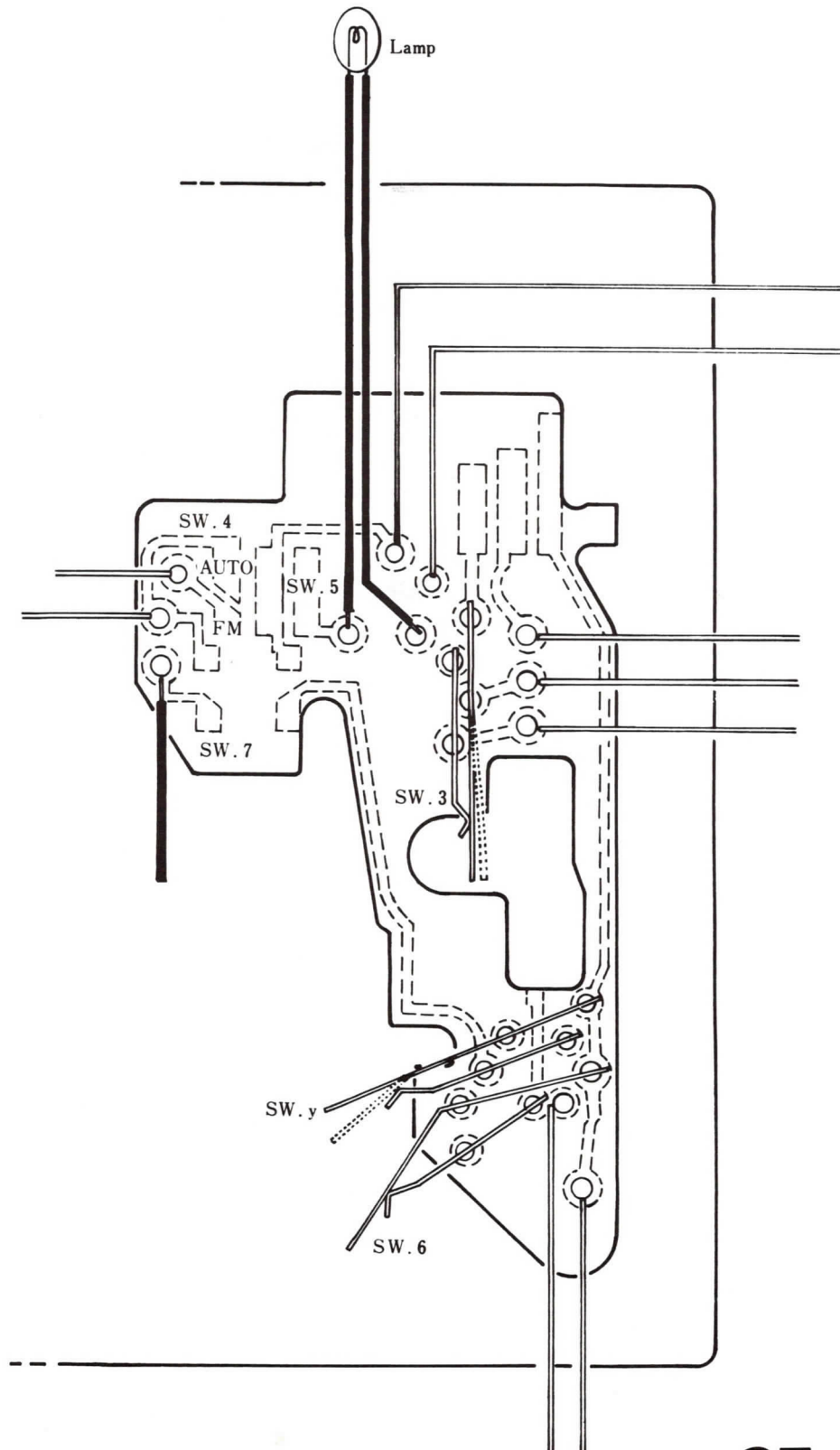
34

CIRCUIT DIAGRAM





EXPLANATORY OPERATION DRAWING B



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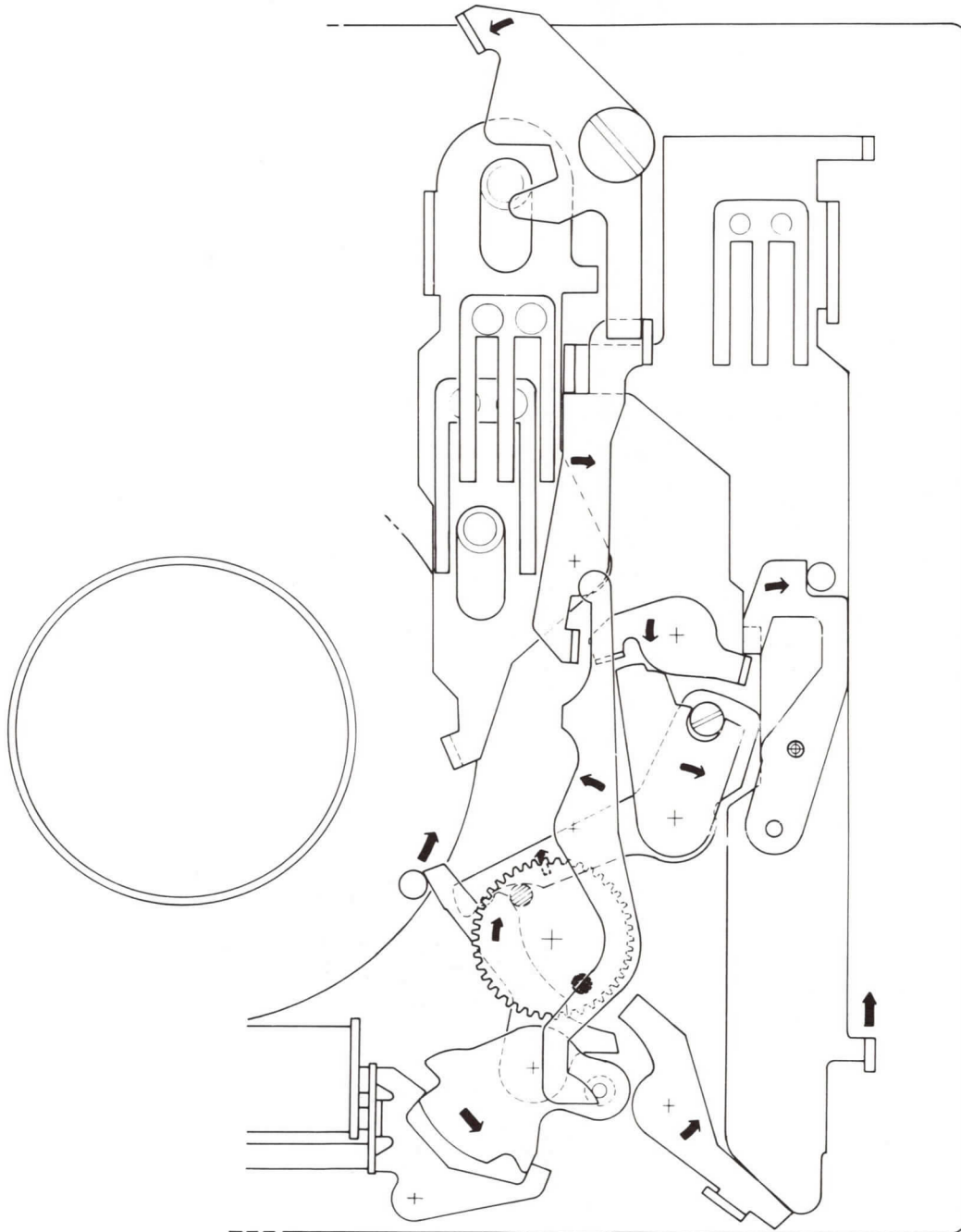
SWITCH CONDITION SHOWN BY SOLID LINES IS THAT PRIOR TO SHUTTER RELEASE

SWITCH CONDITION DURING RELEASE BUT BEFORE SECTORS OPENING IS INDICATED BY DOTTED LINES

EXPLANATORY OPERATION DRAWING C

CONDITION DURING RELEASE (BUT PRIOR TO SECTORS' OPENING)

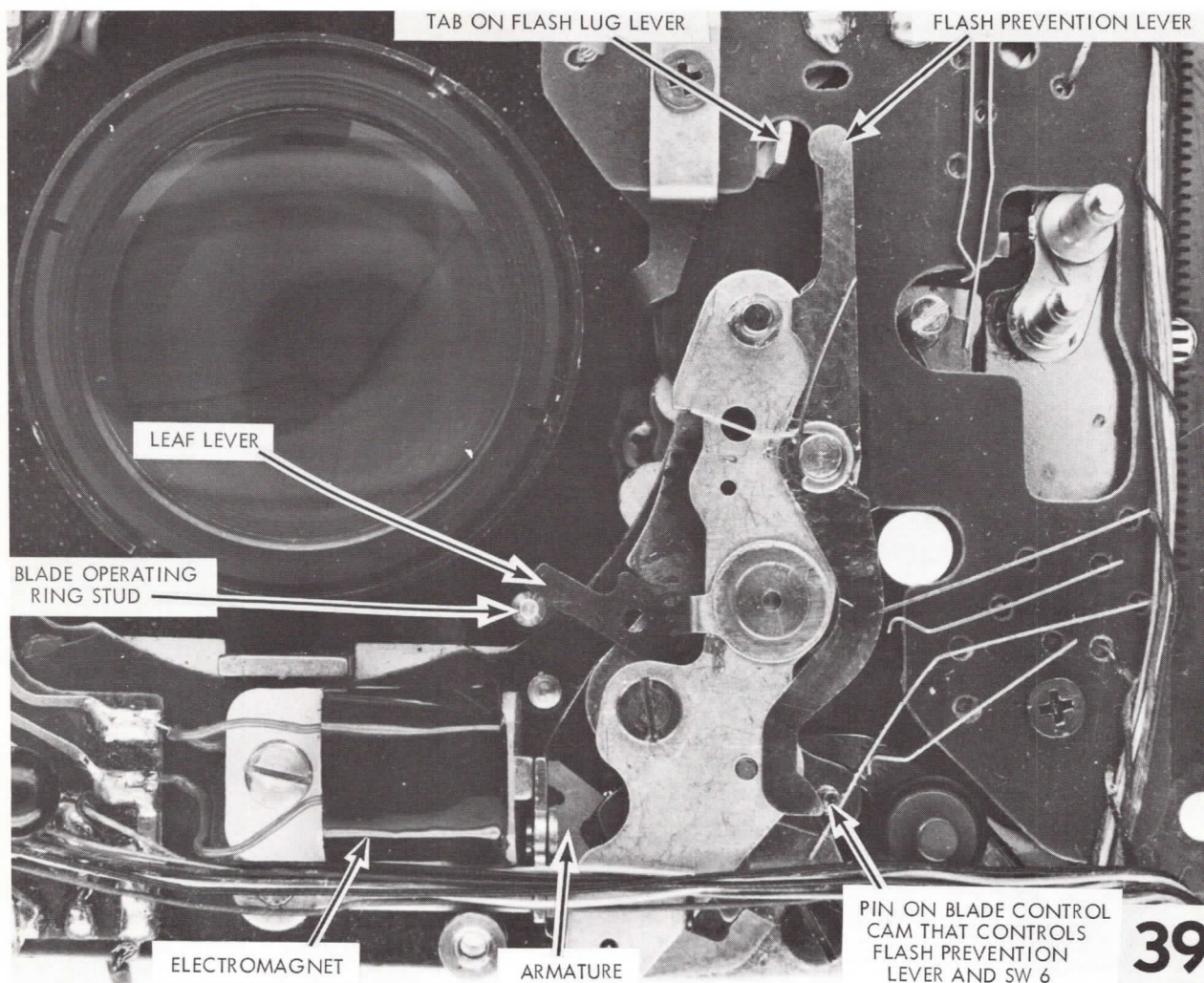
FLASH ATTACHED
FLASH SELECTOR SET AT AUTO
SUBJECT BRIGHTNESS: EV 6.5 OR LESS

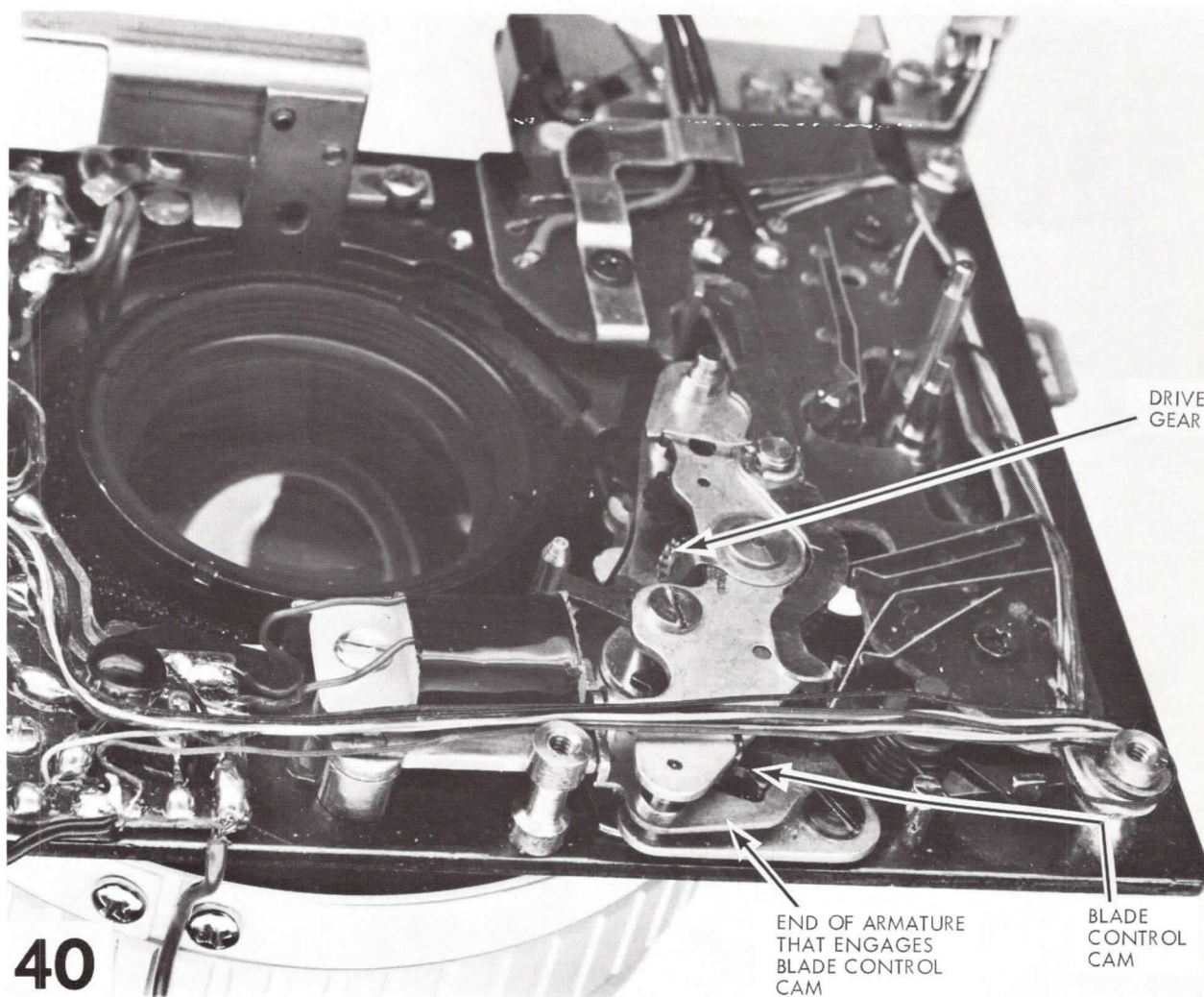


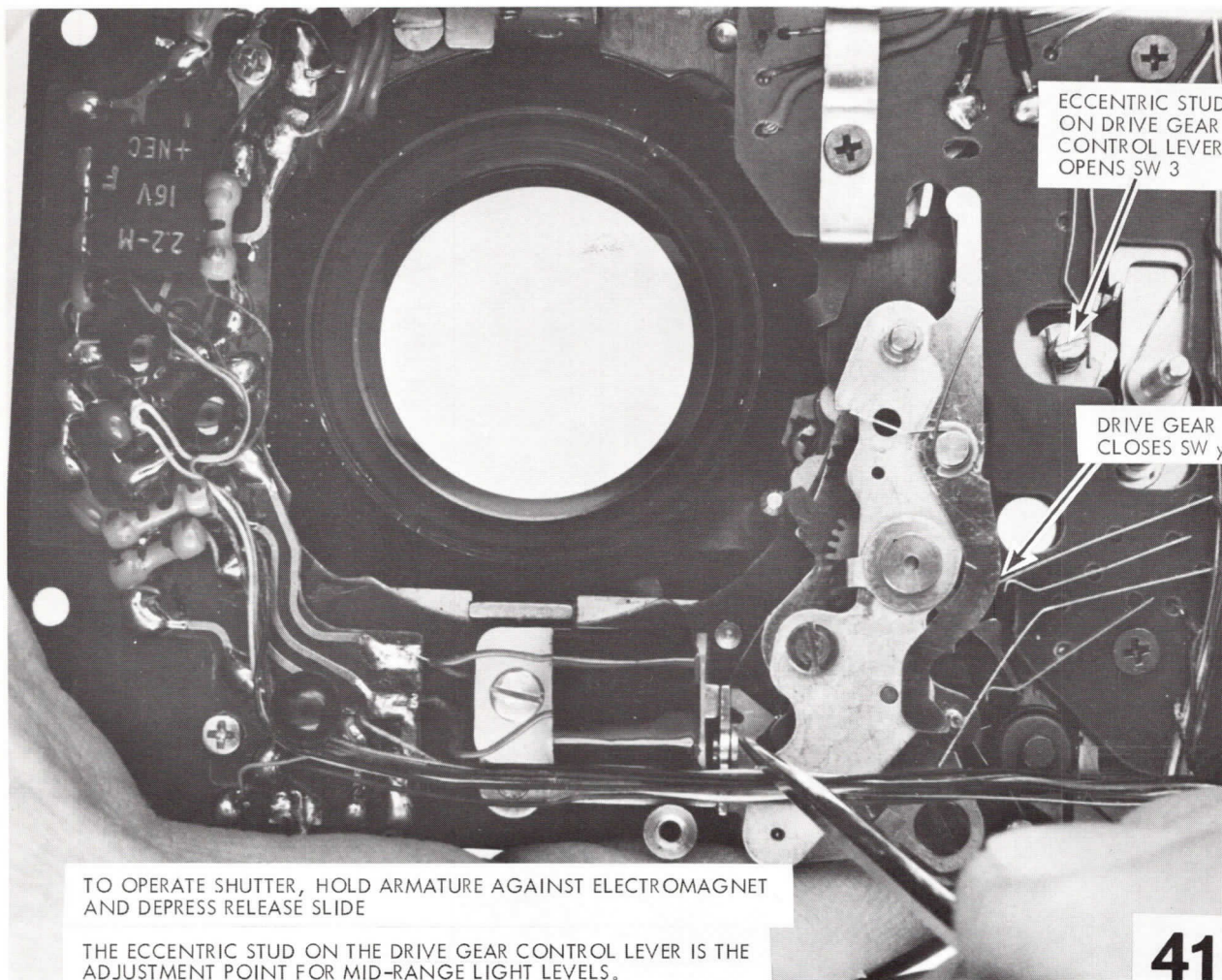
38



ARROWS INDICATE DIRECTION IN WHICH SPRING FORCE ALWAYS ACTS

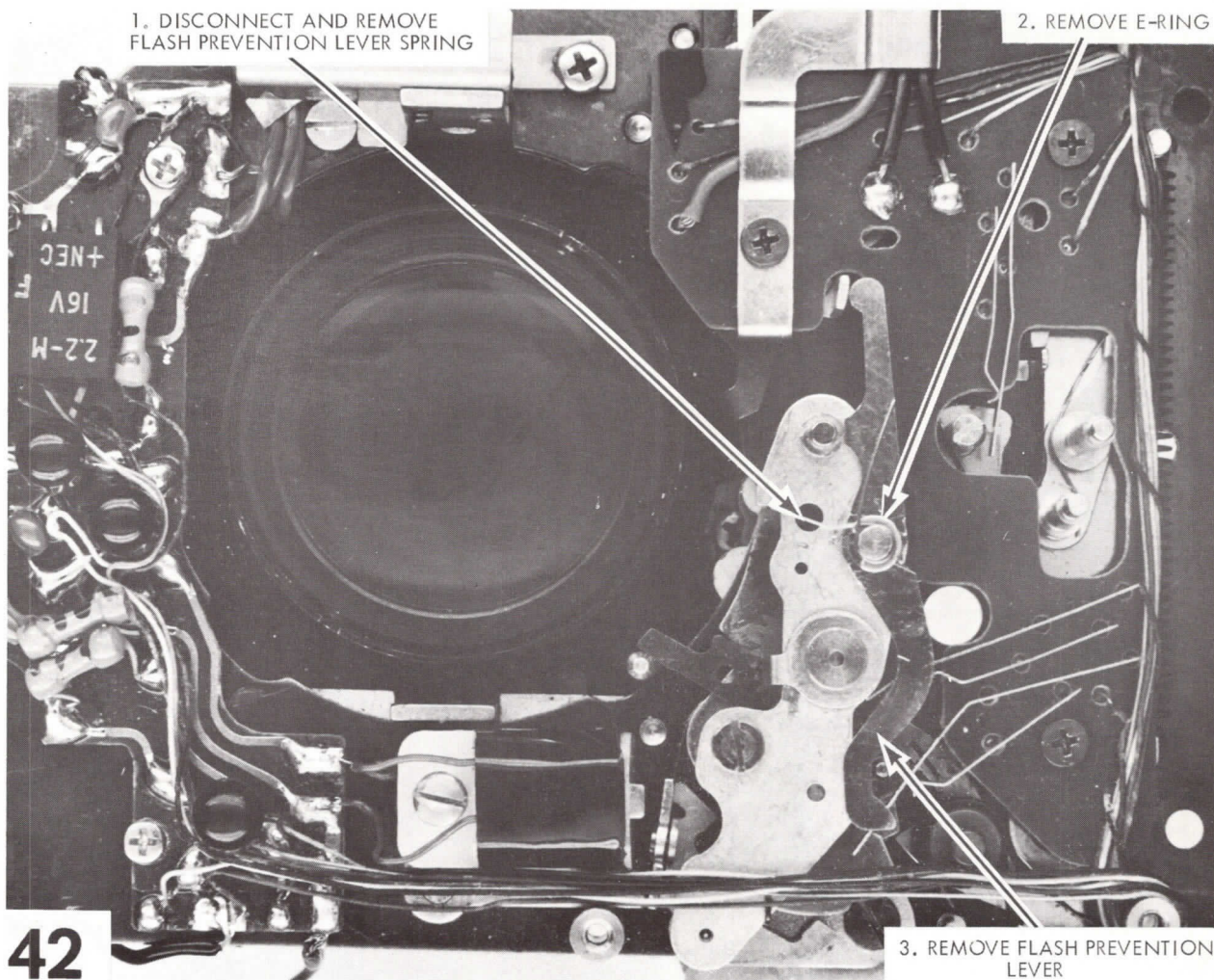






1. DISCONNECT AND REMOVE
FLASH PREVENTION LEVER SPRING

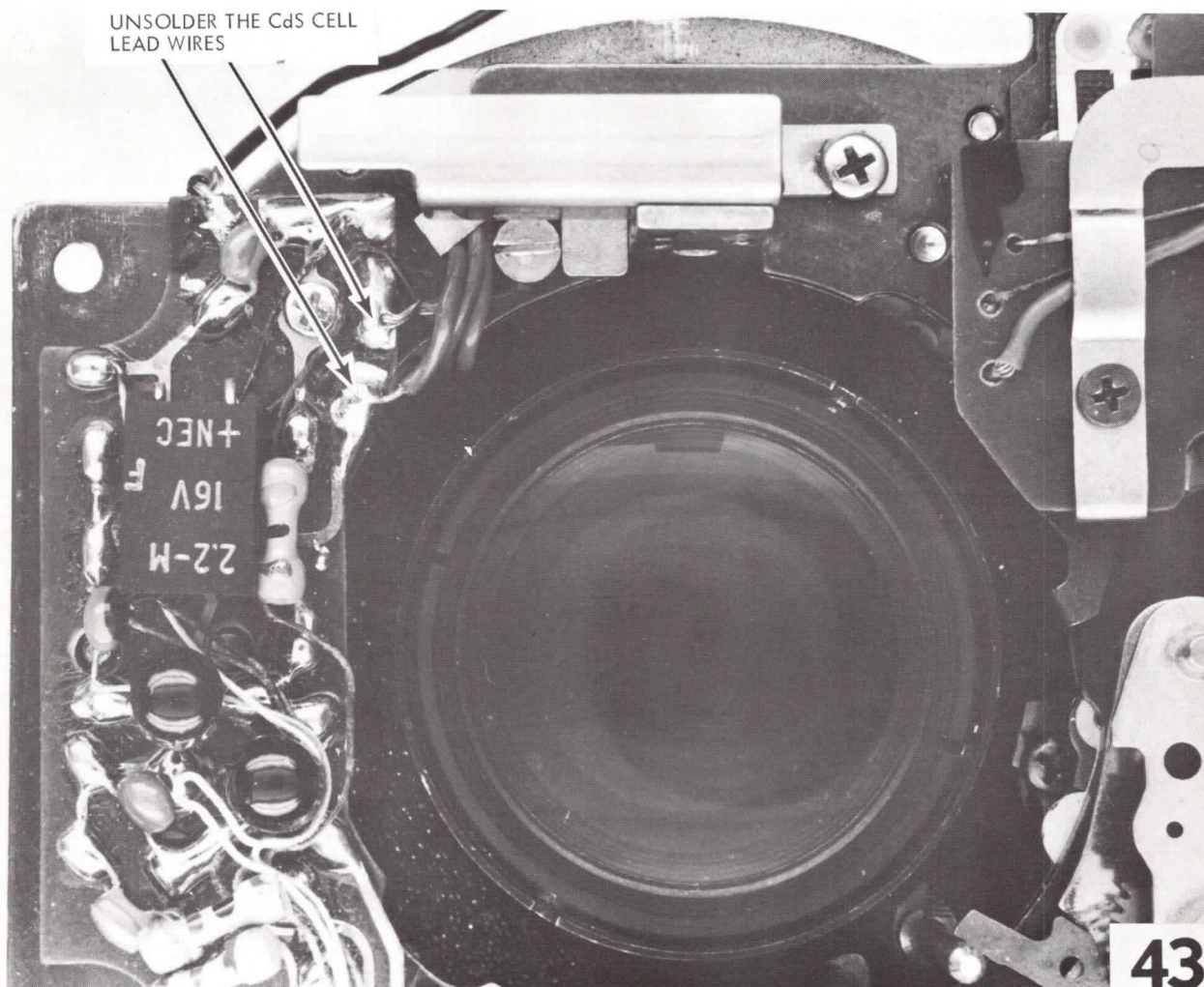
2. REMOVE E-RING

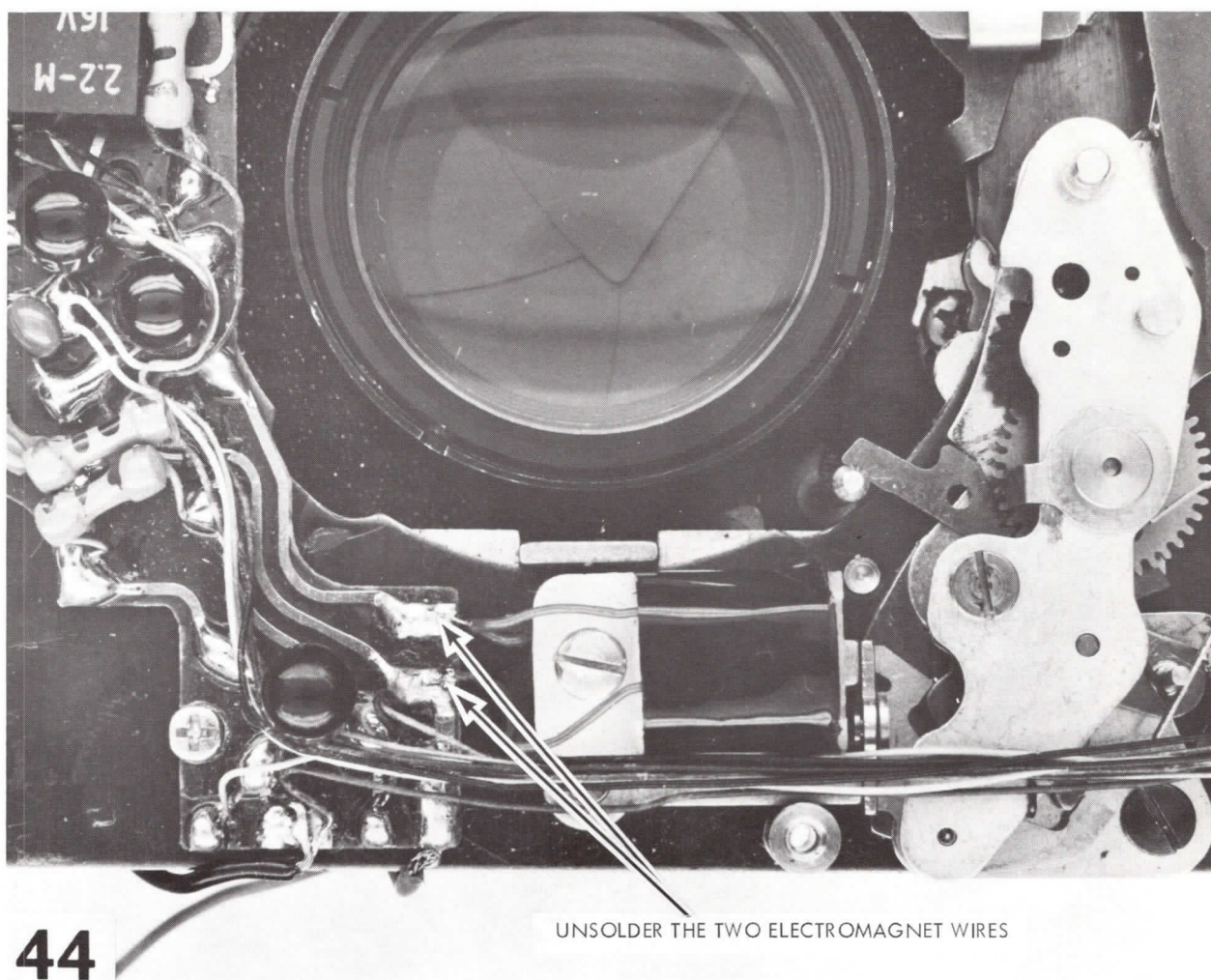


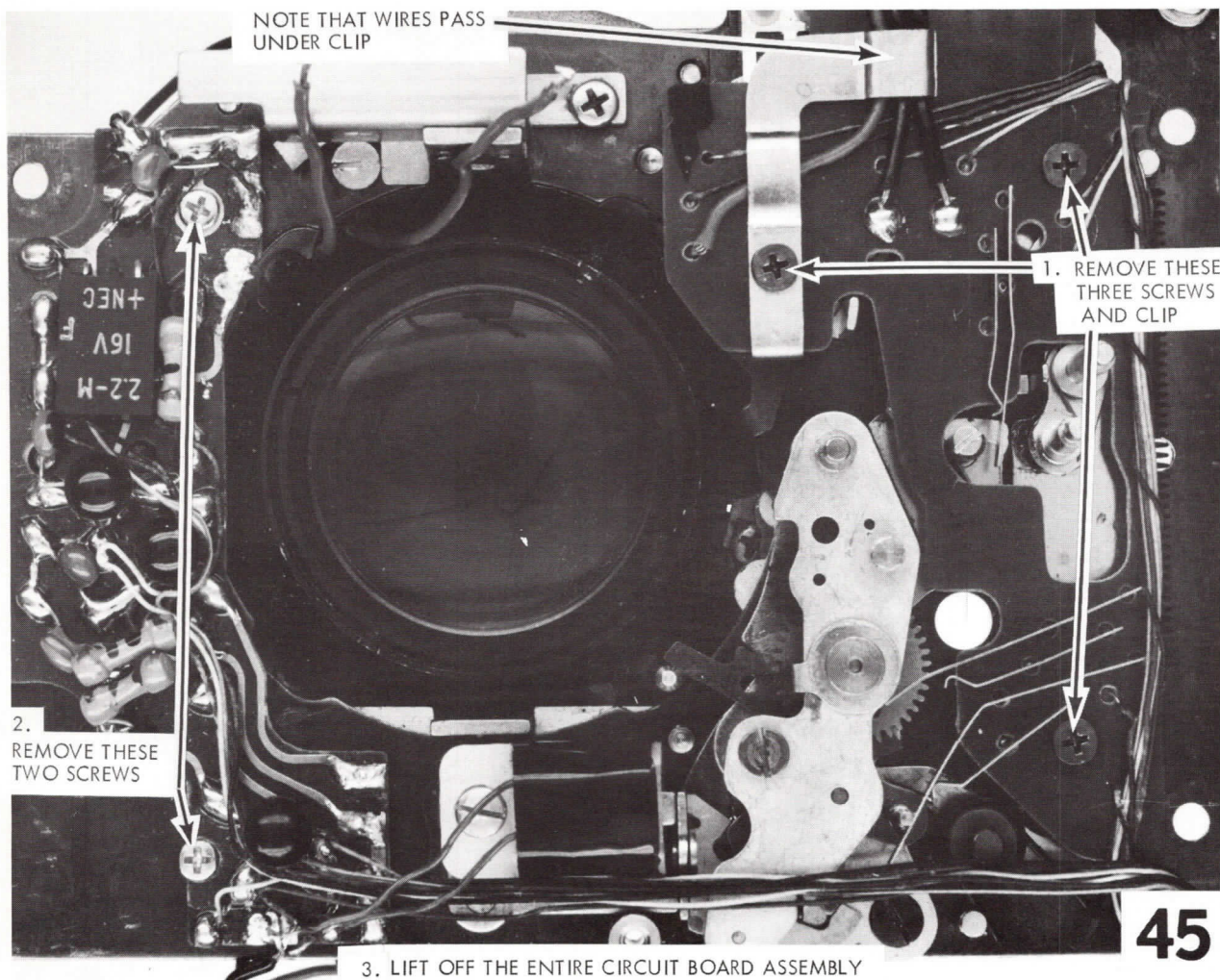
42

3. REMOVE FLASH PREVENTION
LEVER

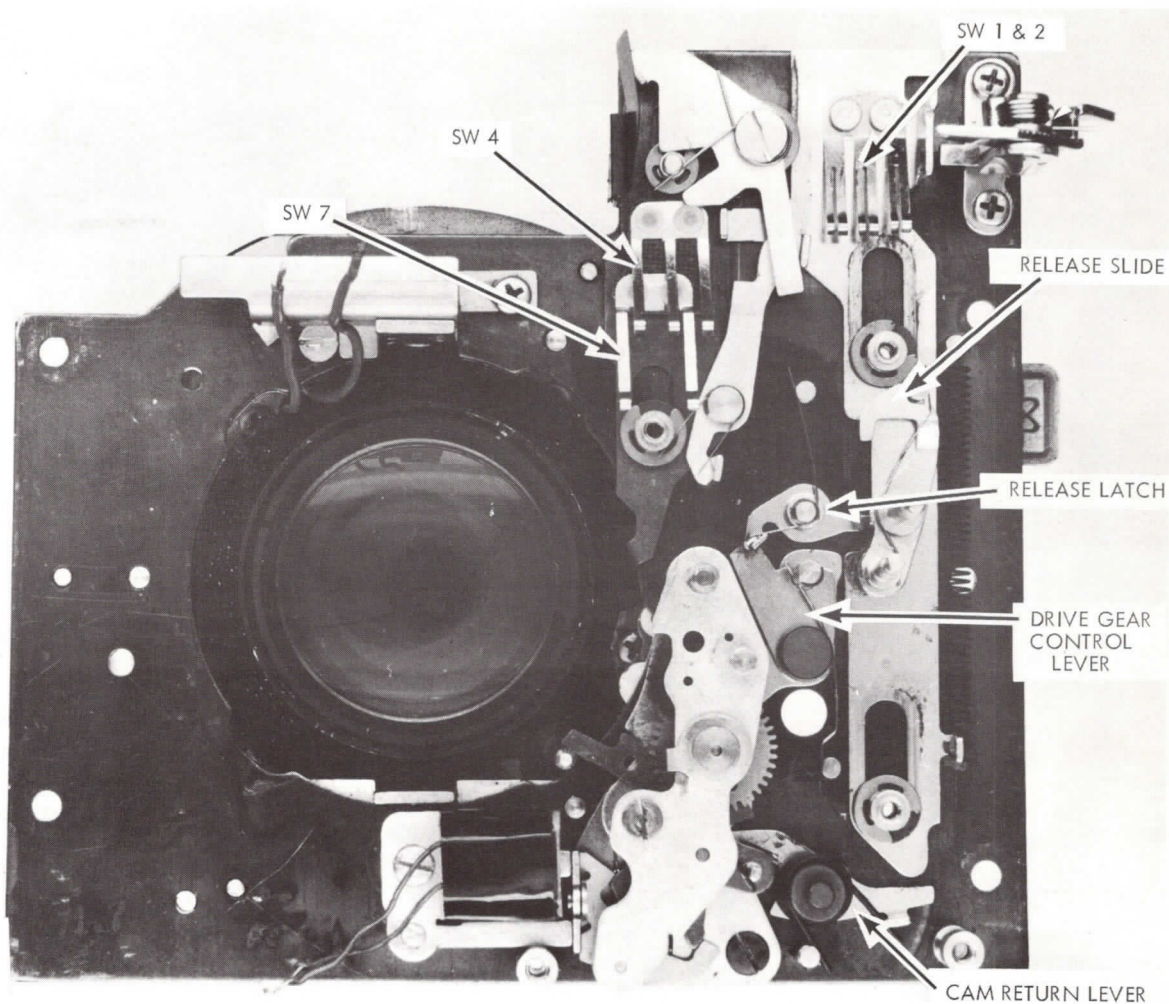
UNSOLDER THE CdS CELL
LEAD WIRES

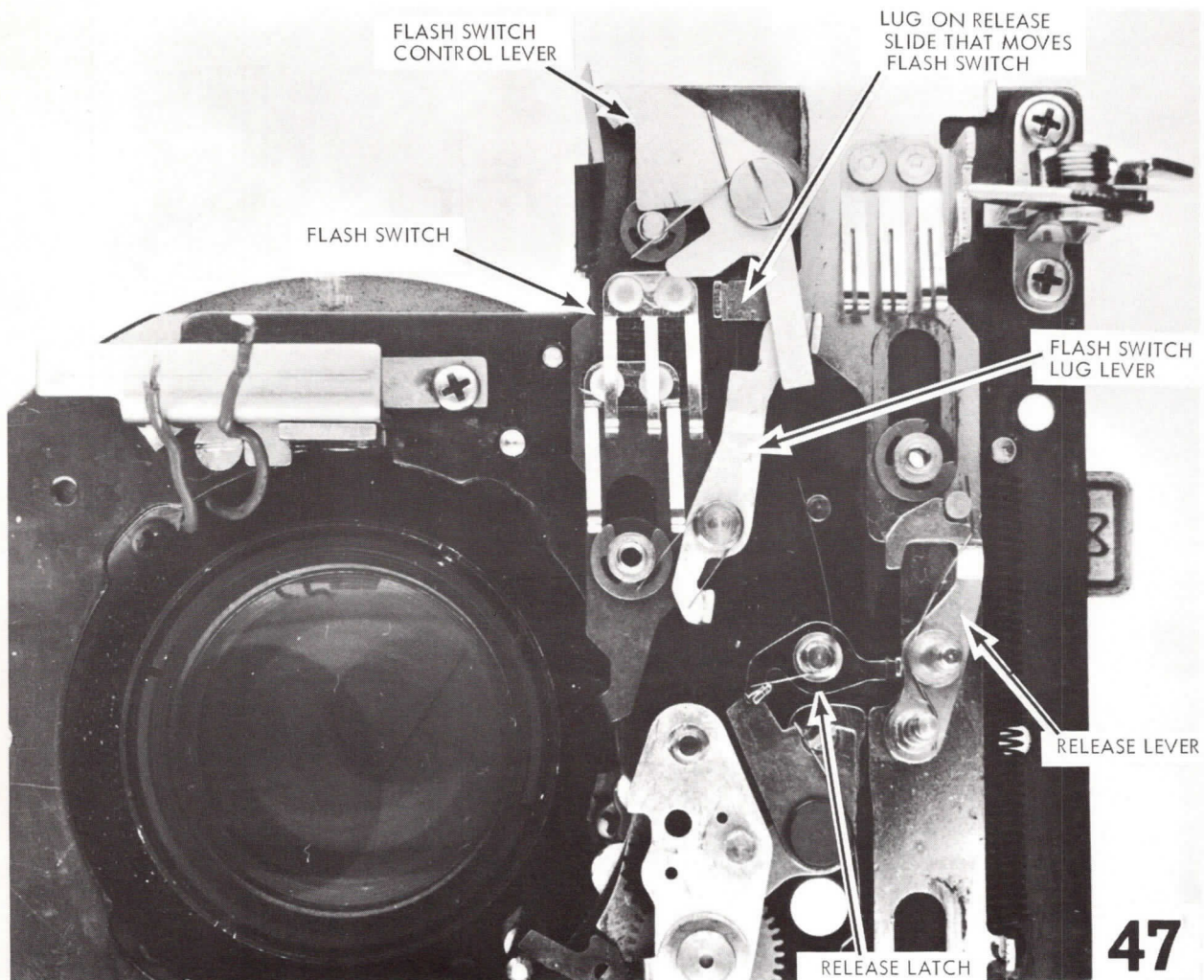


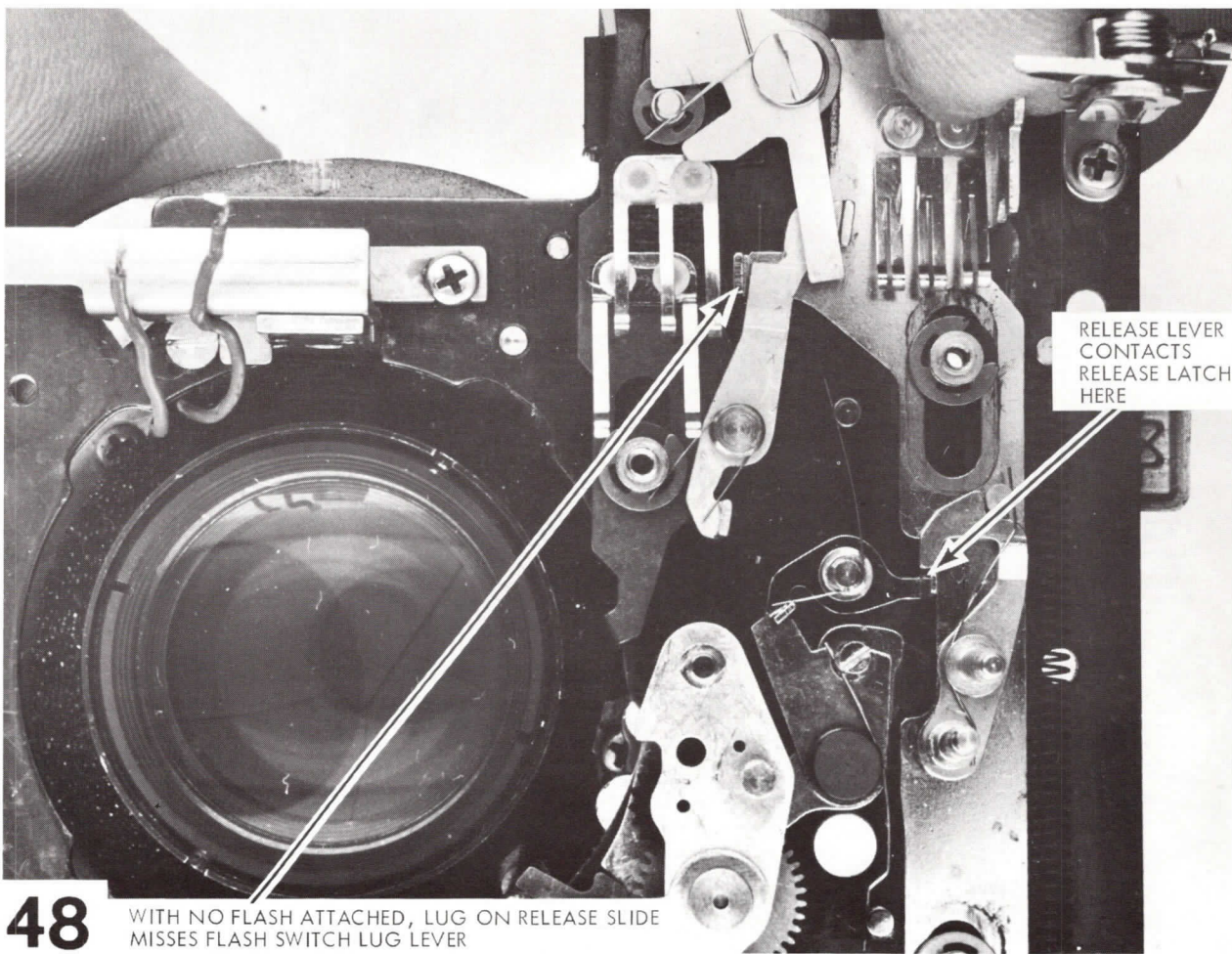




46



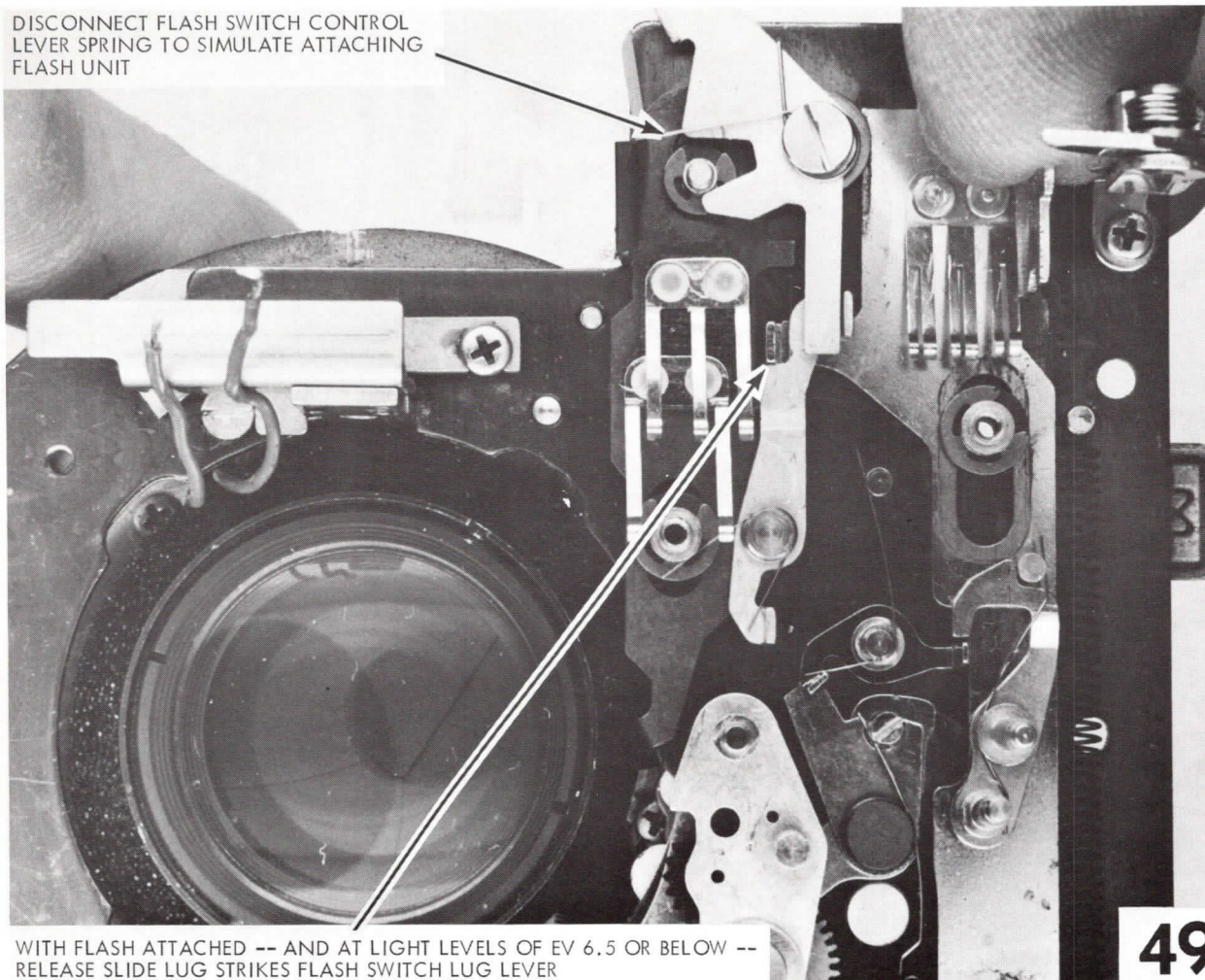




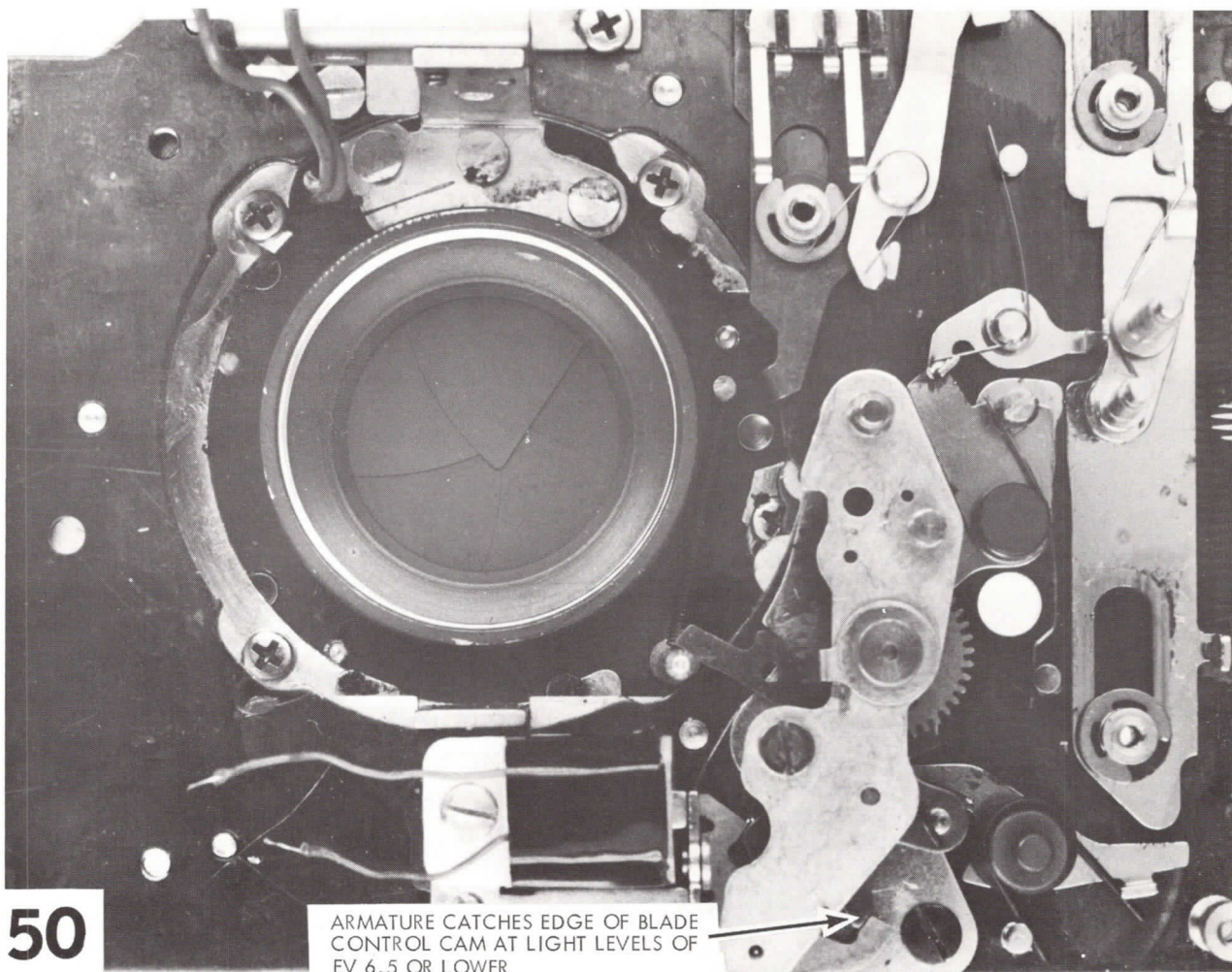
48

WITH NO FLASH ATTACHED, LUG ON RELEASE SLIDE
MISSES FLASH SWITCH LUG LEVER

DISCONNECT FLASH SWITCH CONTROL
LEVER SPRING TO SIMULATE ATTACHING
FLASH UNIT

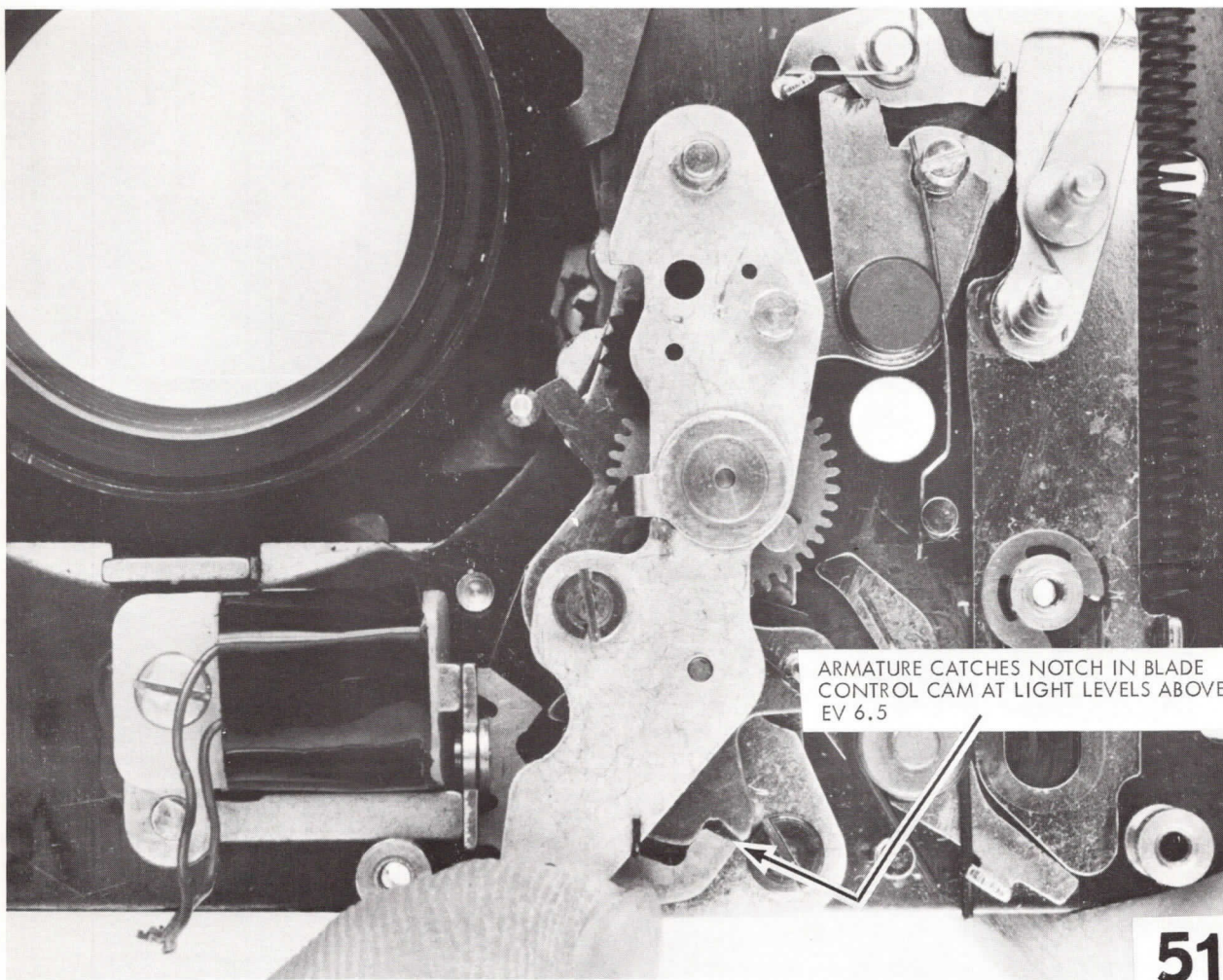


WITH FLASH ATTACHED -- AND AT LIGHT LEVELS OF EV 6.5 OR BELOW --
RELEASE SLIDE LUG STRIKES FLASH SWITCH LUG LEVER

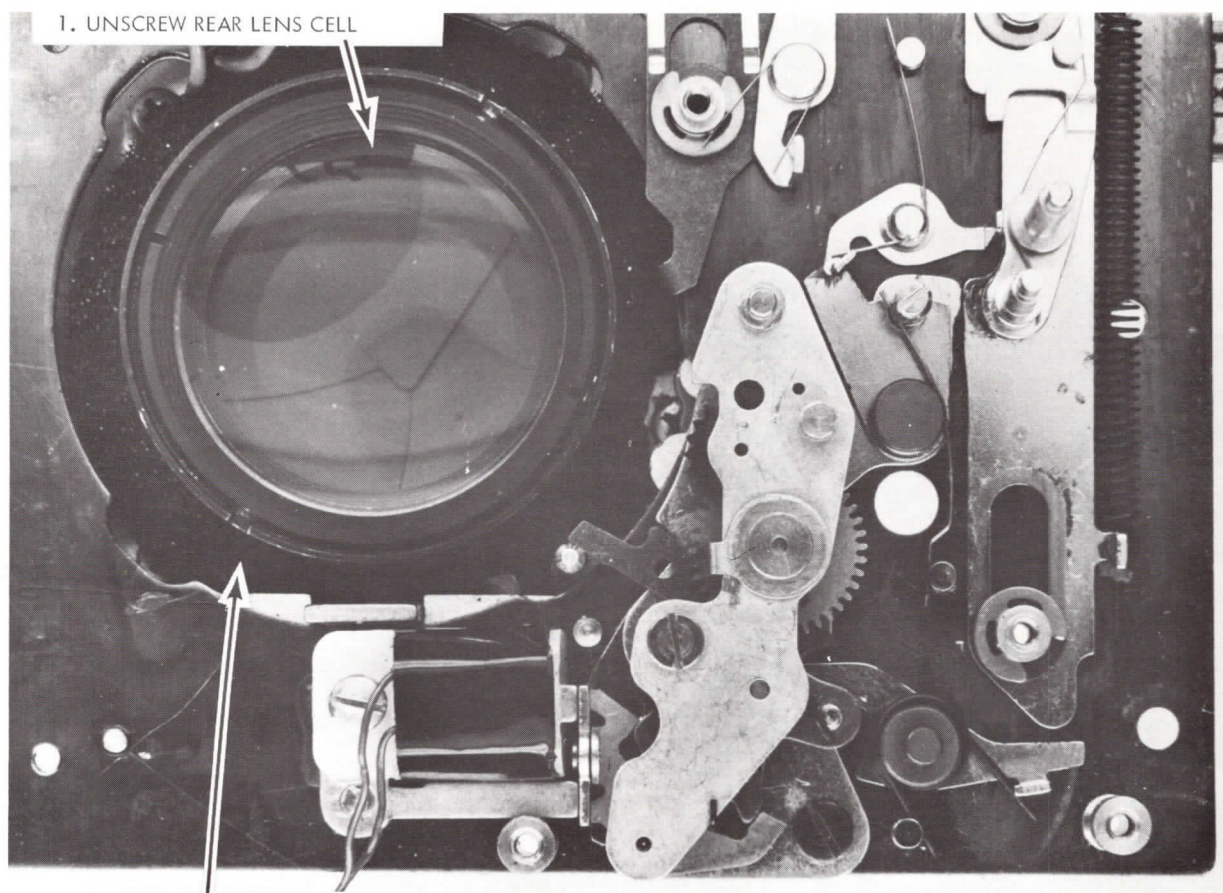


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ARMATURE CATCHES EDGE OF BLADE
CONTROL CAM AT LIGHT LEVELS OF
EV 6.5 OR LOWER

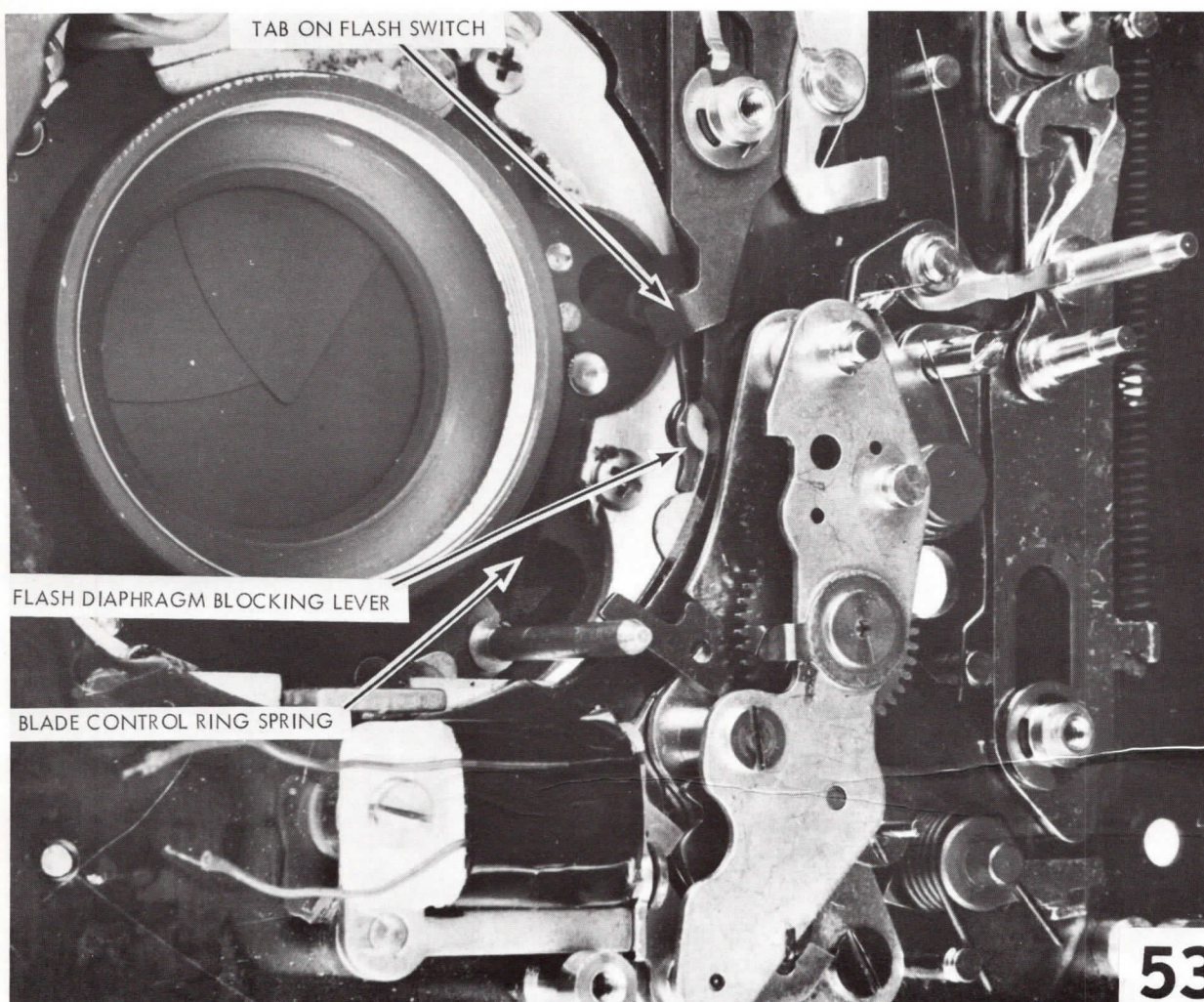


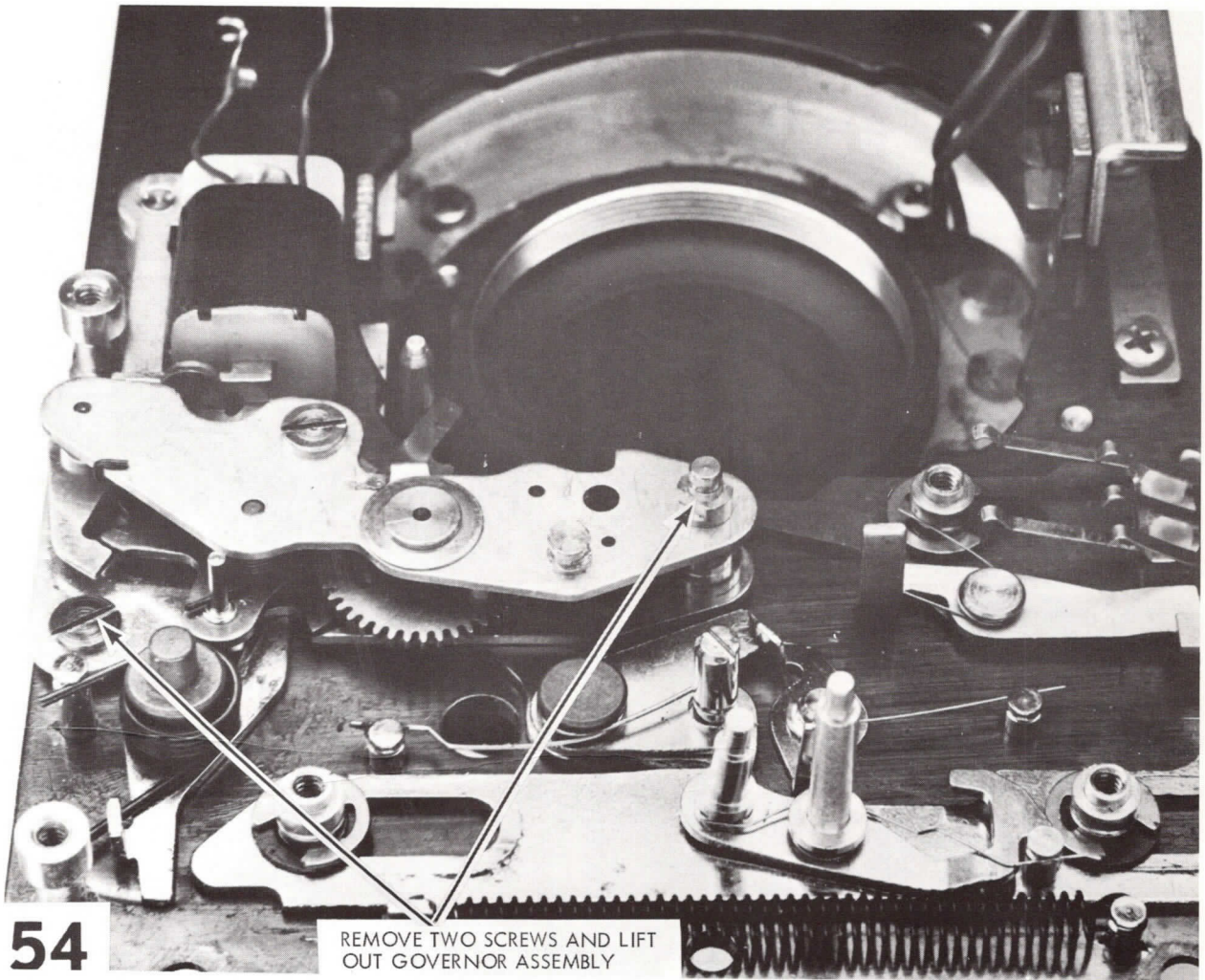
ARMATURE CATCHES NOTCH IN BLADE
CONTROL CAM AT LIGHT LEVELS ABOVE
EV 6.5



1. UNSCREW REAR LENS CELL

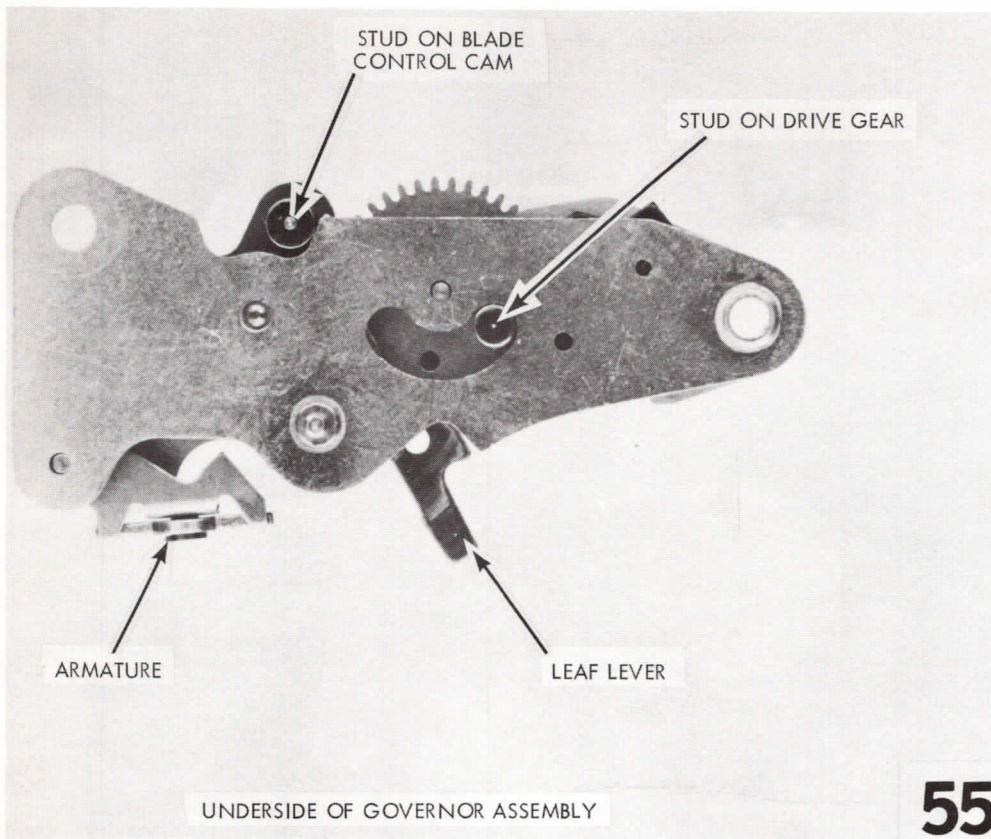
2. REMOVE POROUS PLASTIC RING



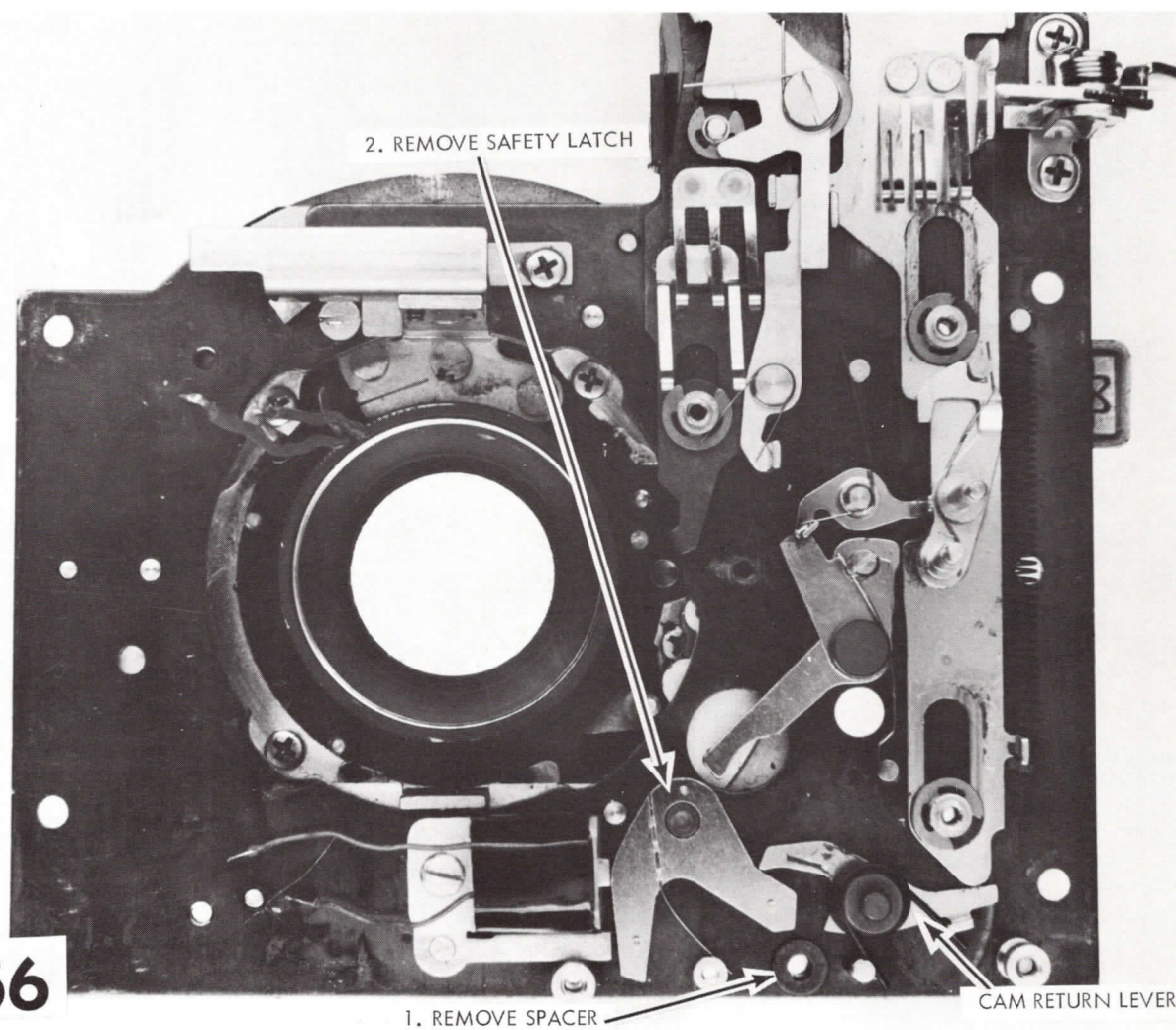


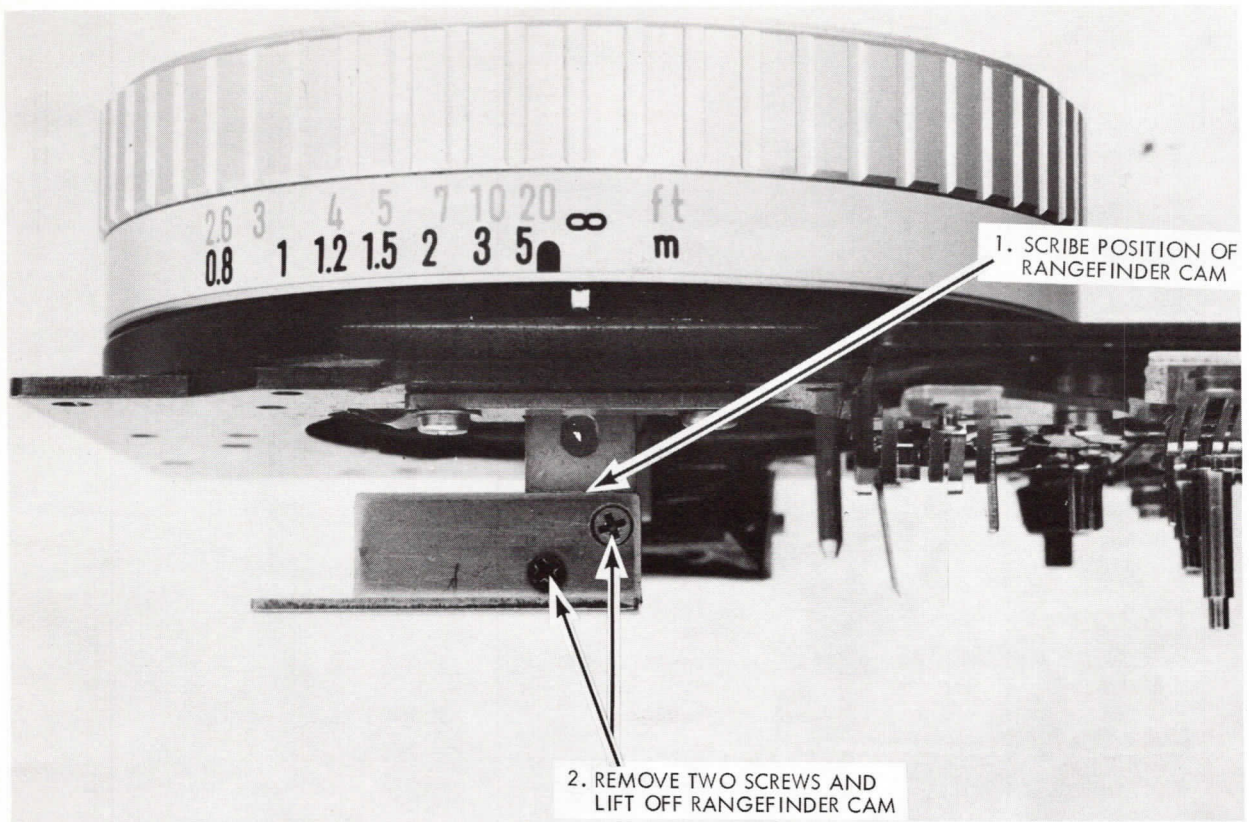
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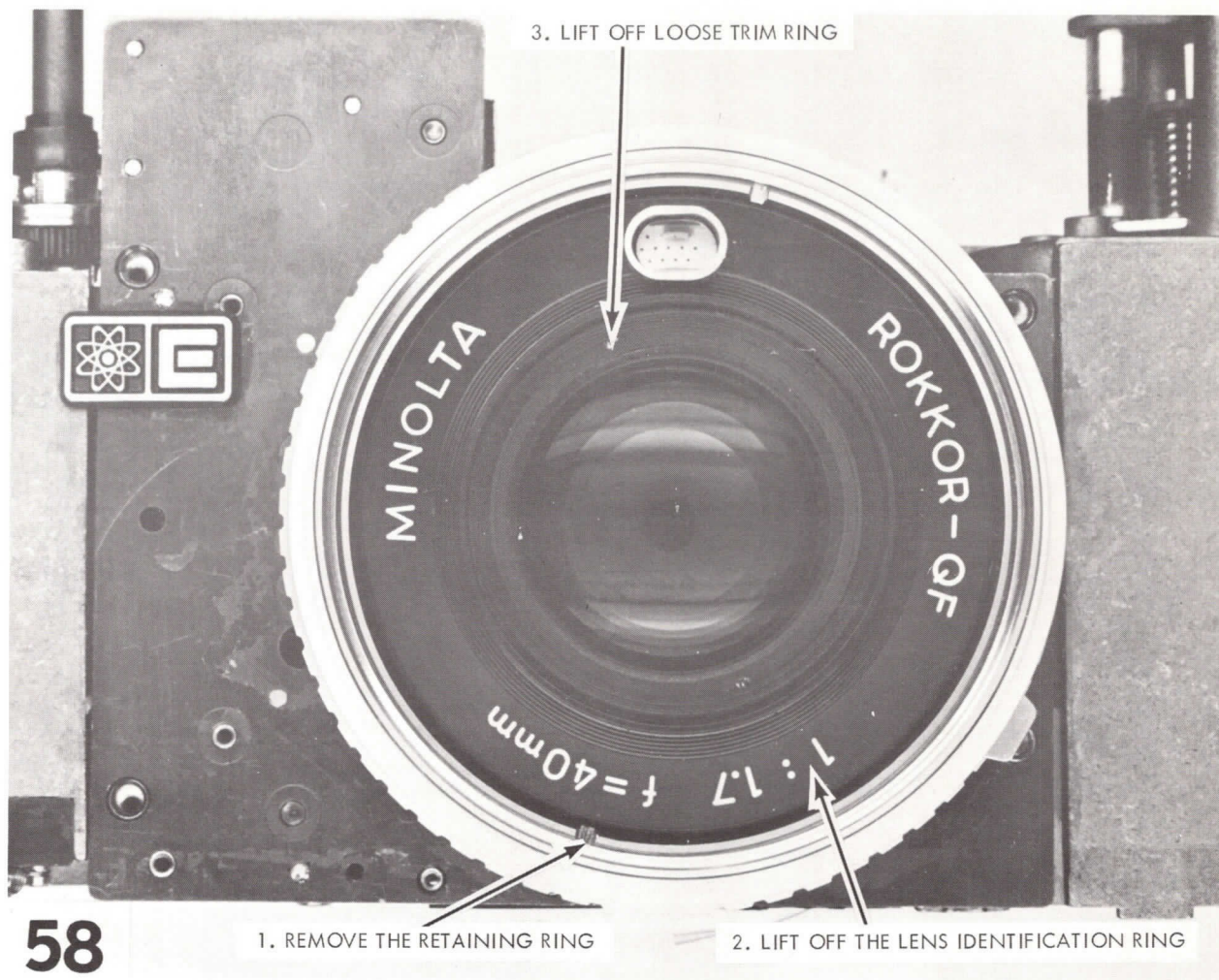
REMOVE TWO SCREWS AND LIFT
OUT GOVERNOR ASSEMBLY

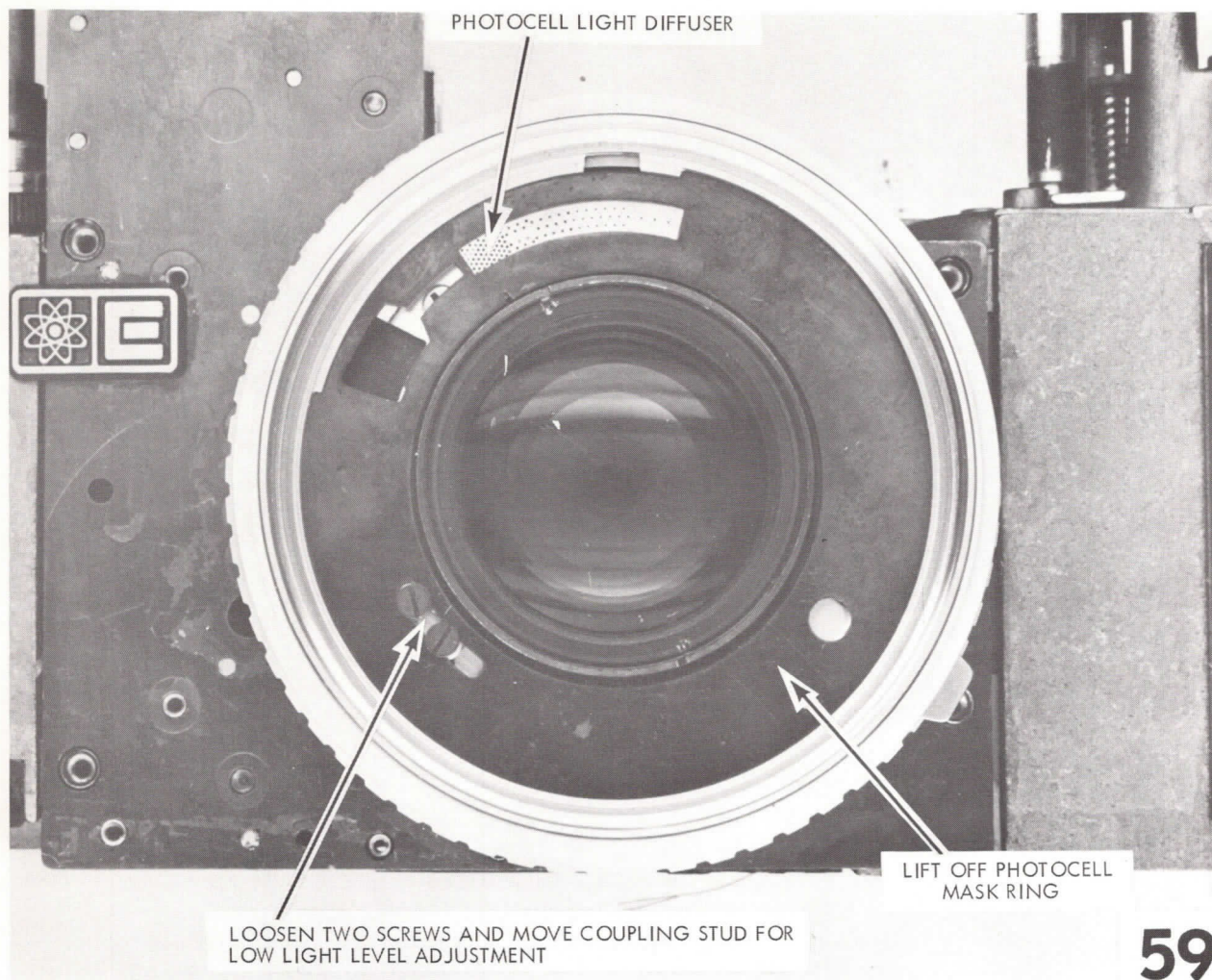


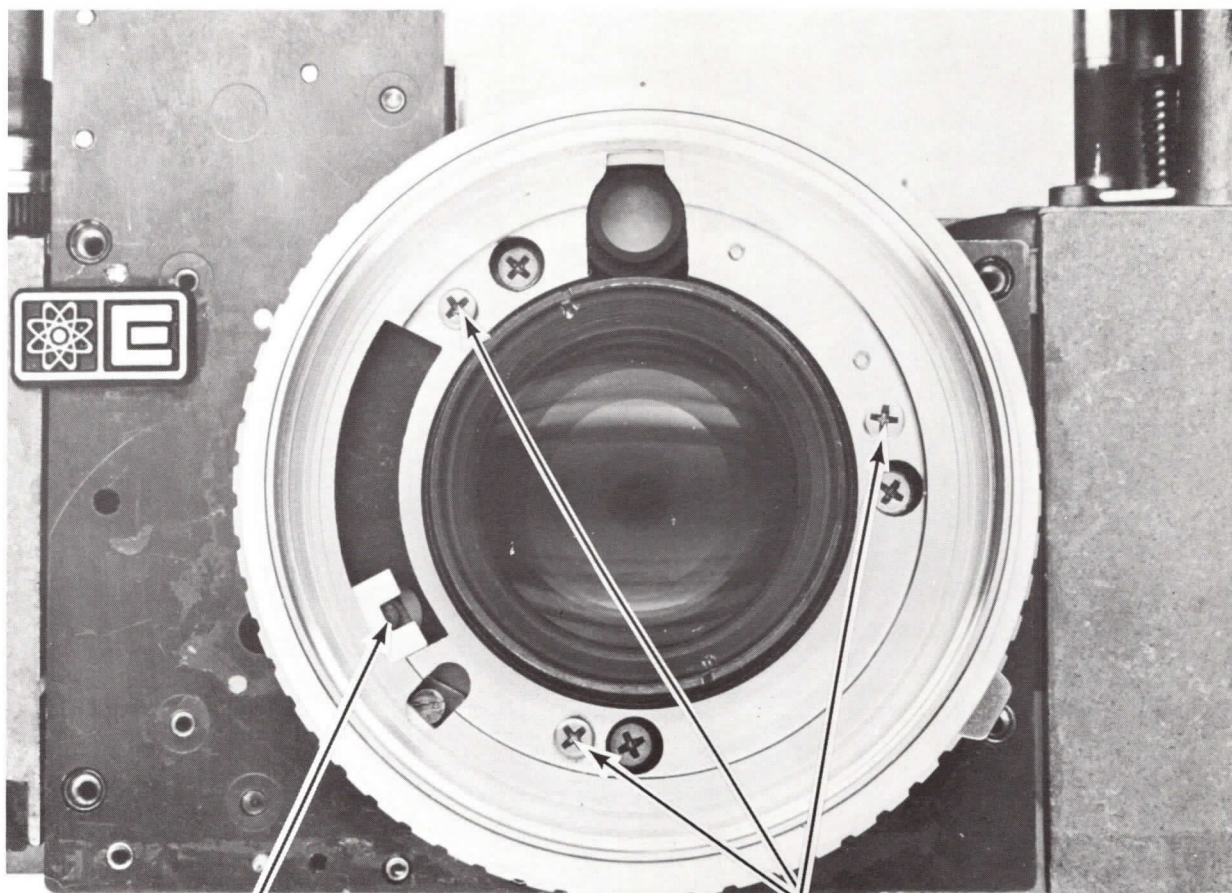
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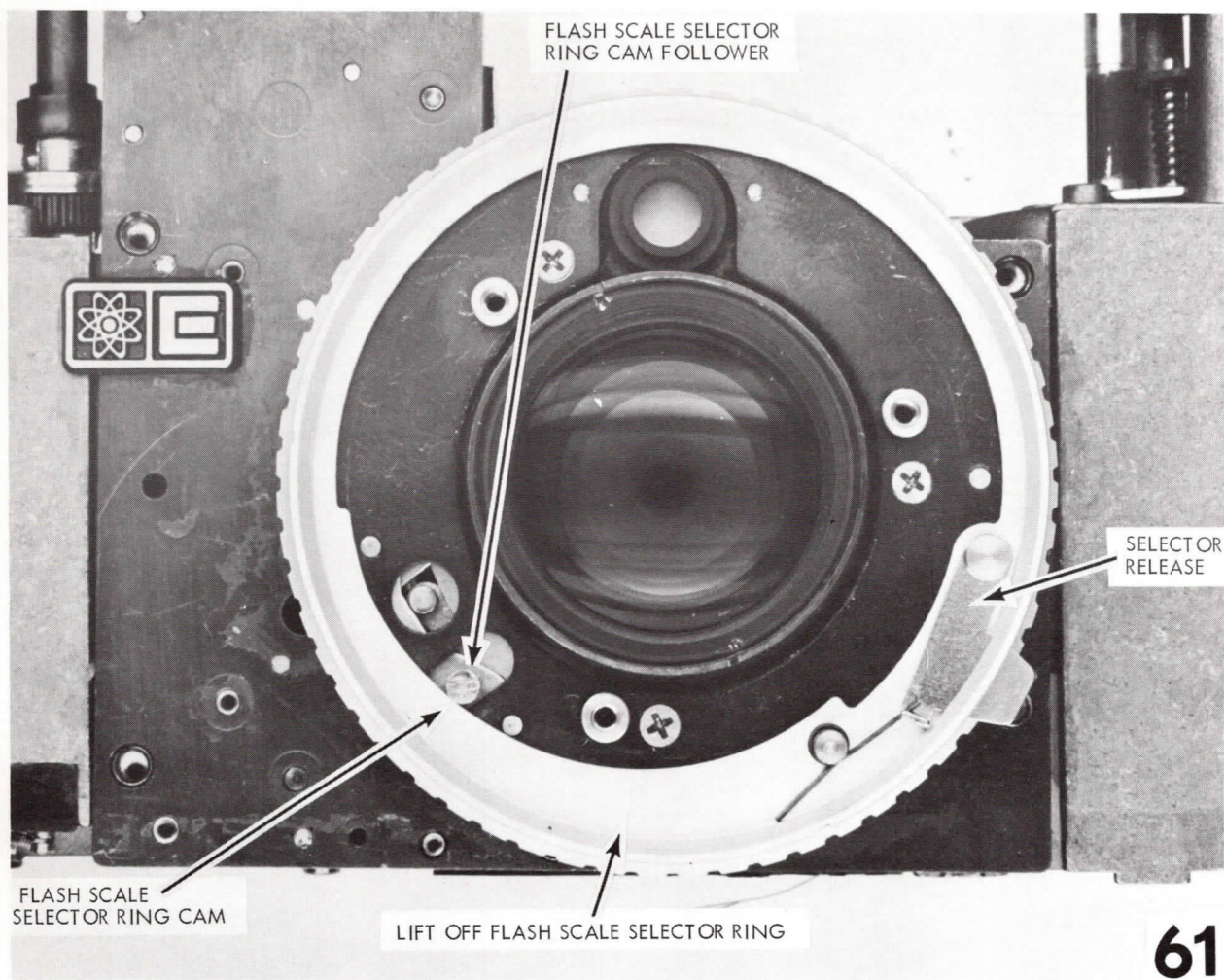


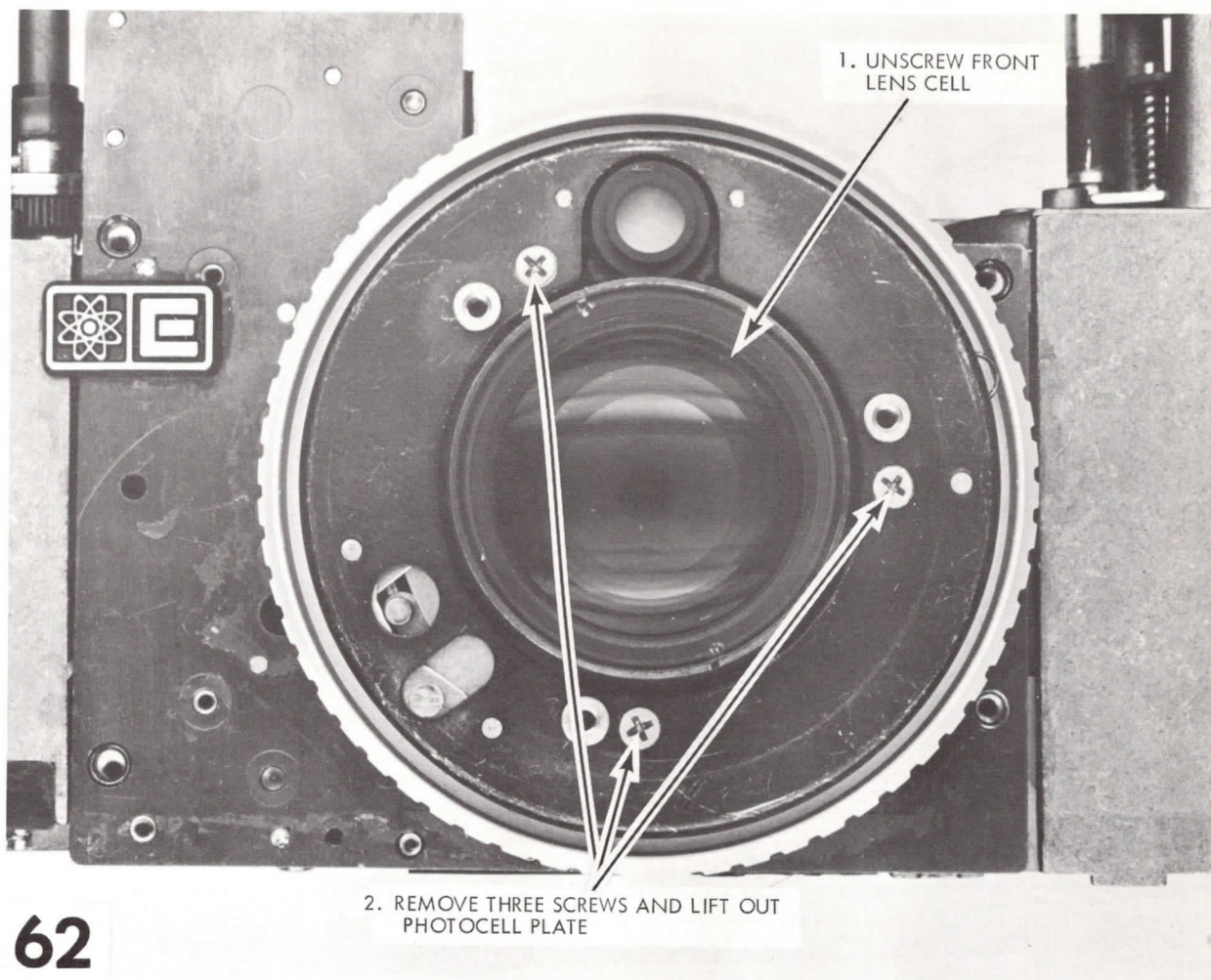


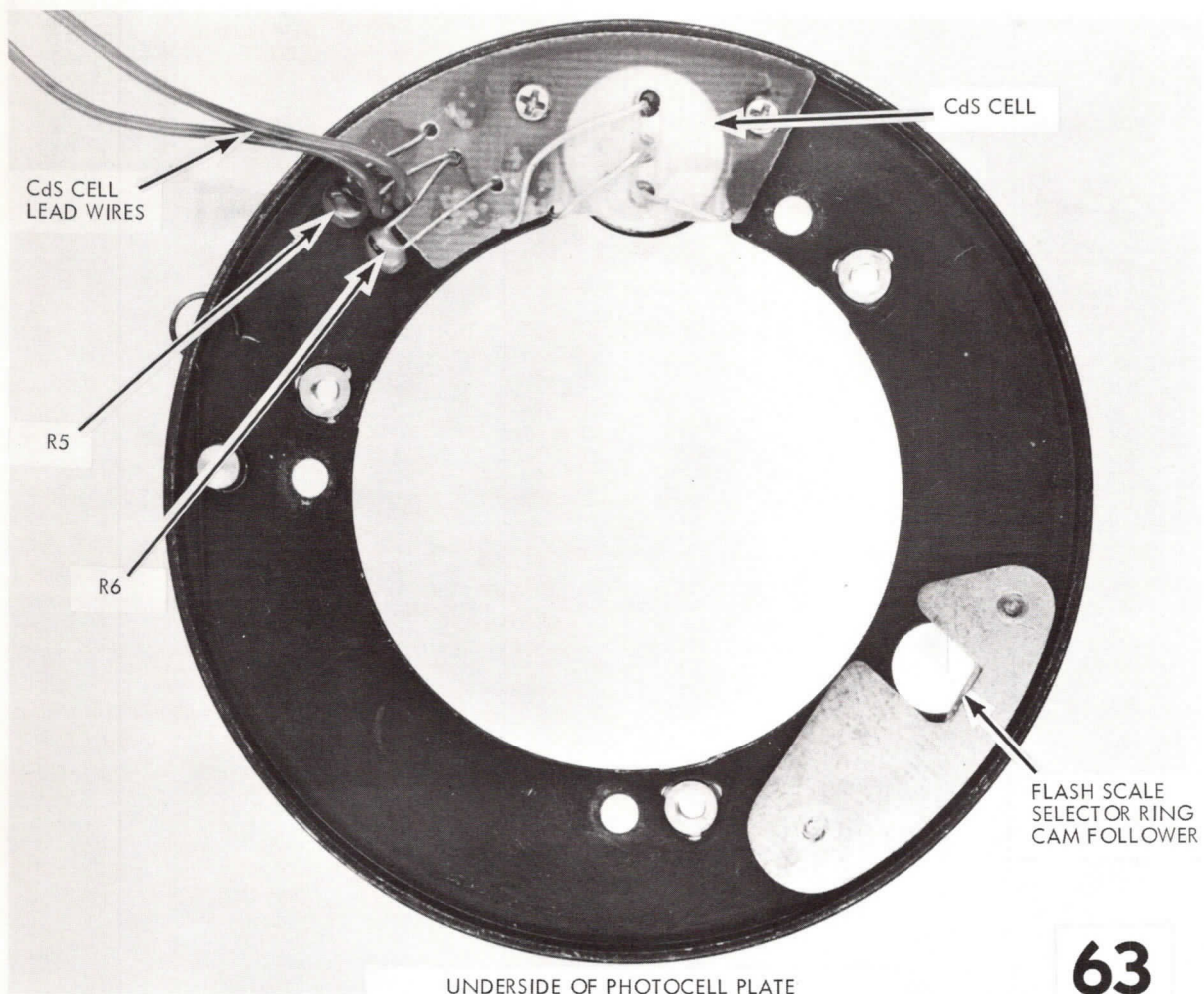
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STUD ON PHOTOCELL MASK RING FITS IN THIS
FORK ON FILM SPEED SETTING RING

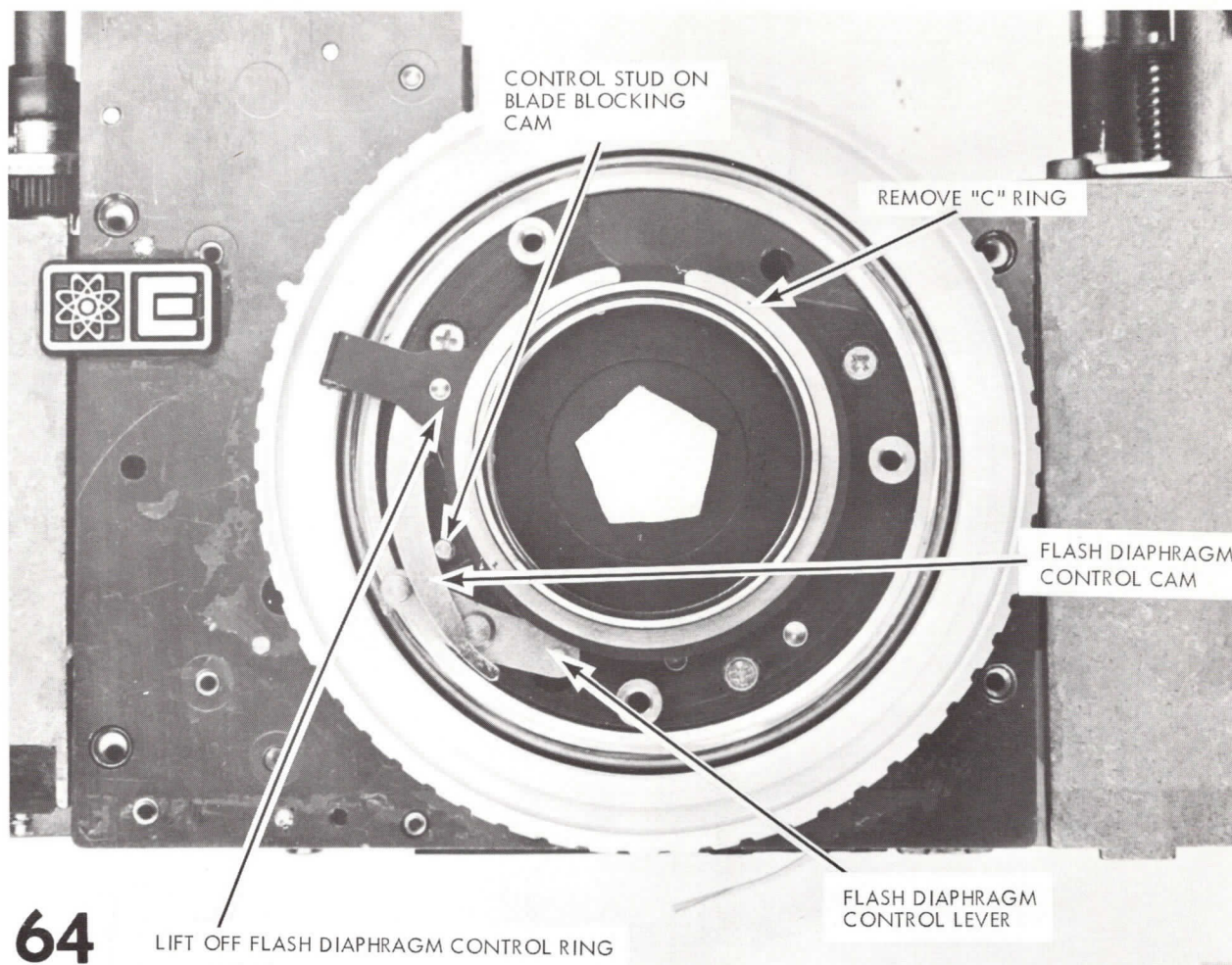
REMOVE THREE SCREWS AND LIFT OUT FILM SPEED SETTING RING
AND FILTER MOUNTING RING AS ONE UNIT







UNDERSIDE OF PHOTOCELL PLATE



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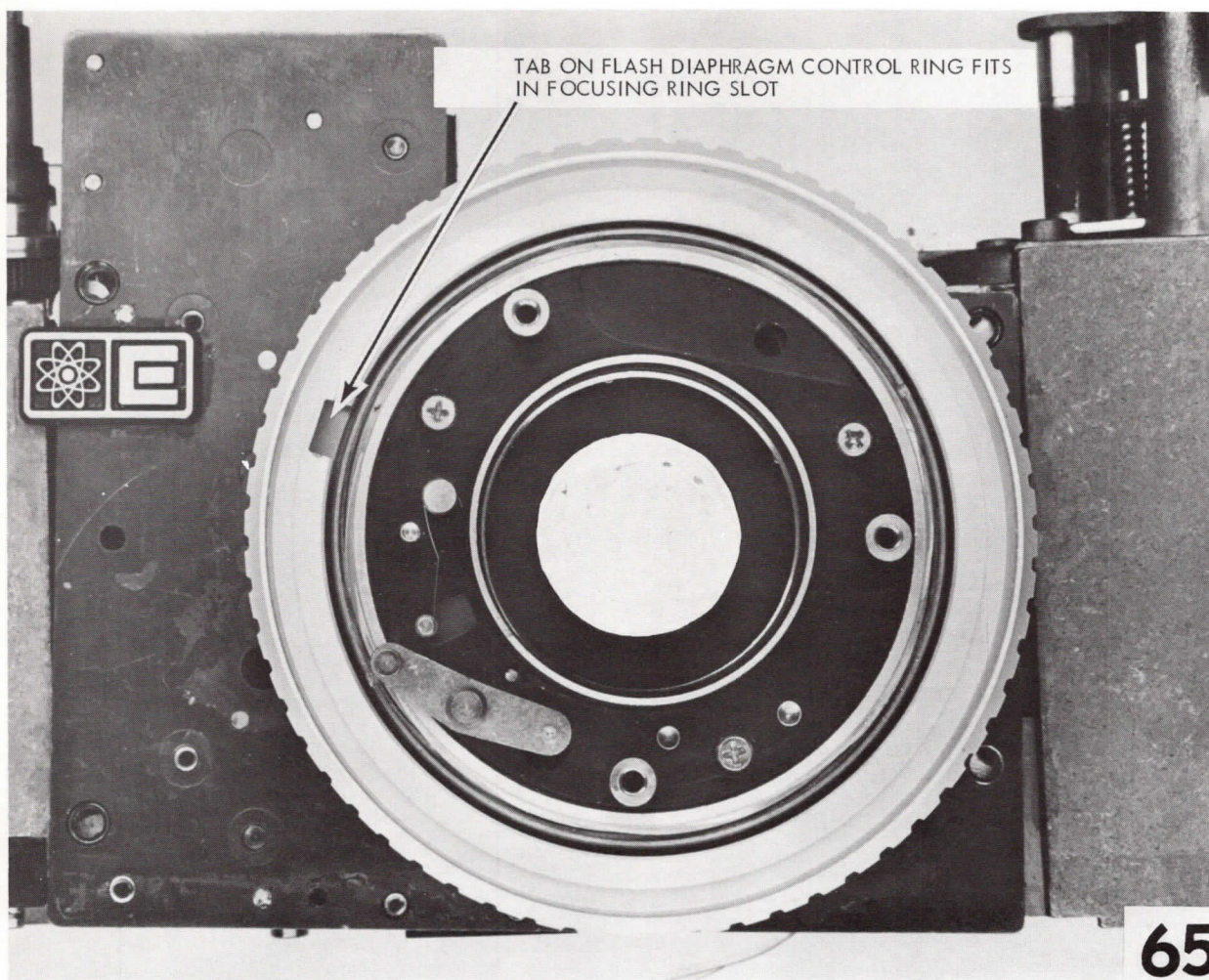
LIFT OFF FLASH DIAPHRAGM CONTROL RING

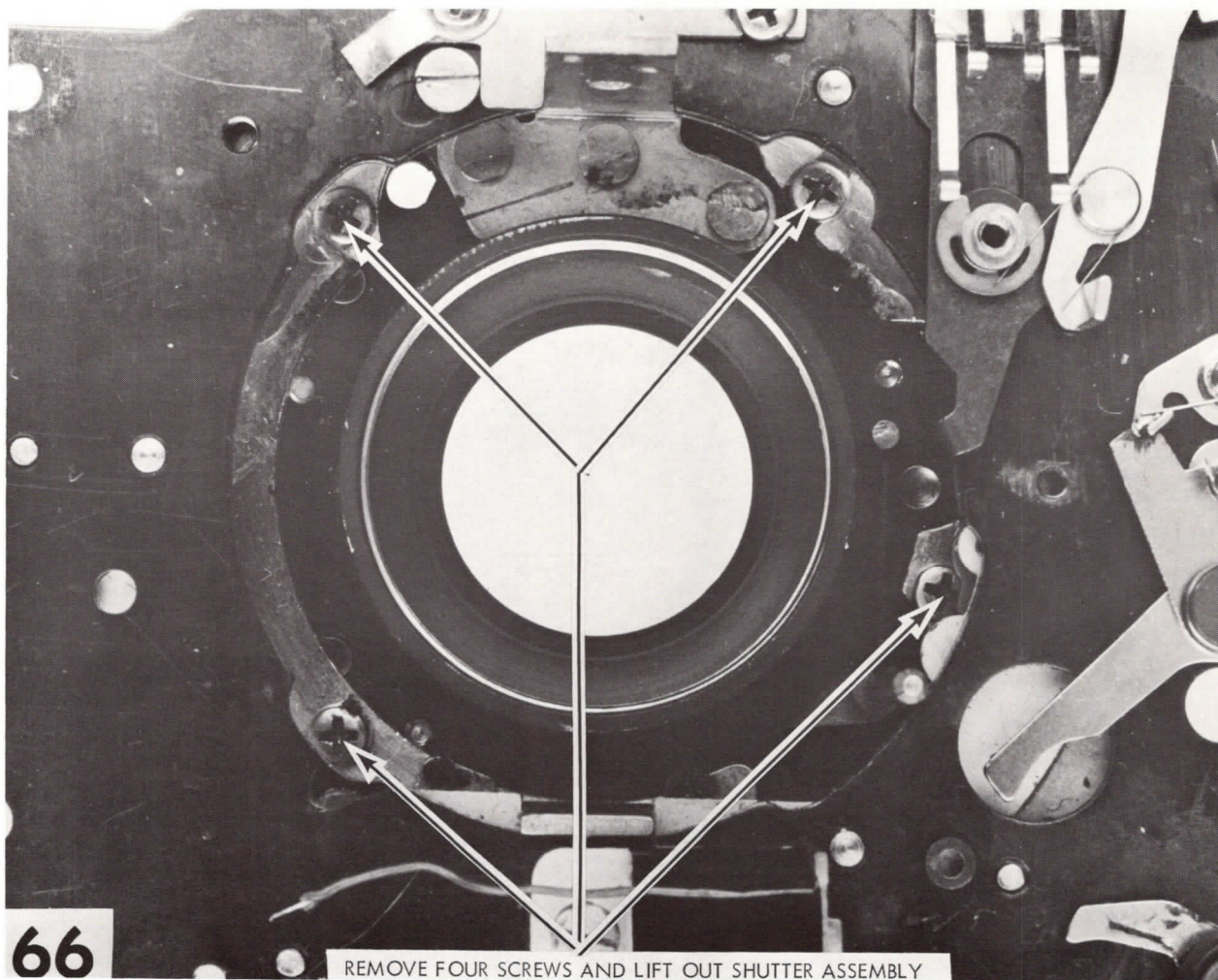
CONTROL STUD ON
BLADE BLOCKING
CAM

REMOVE "C" RING

FLASH DIAPHRAGM
CONTROL CAM

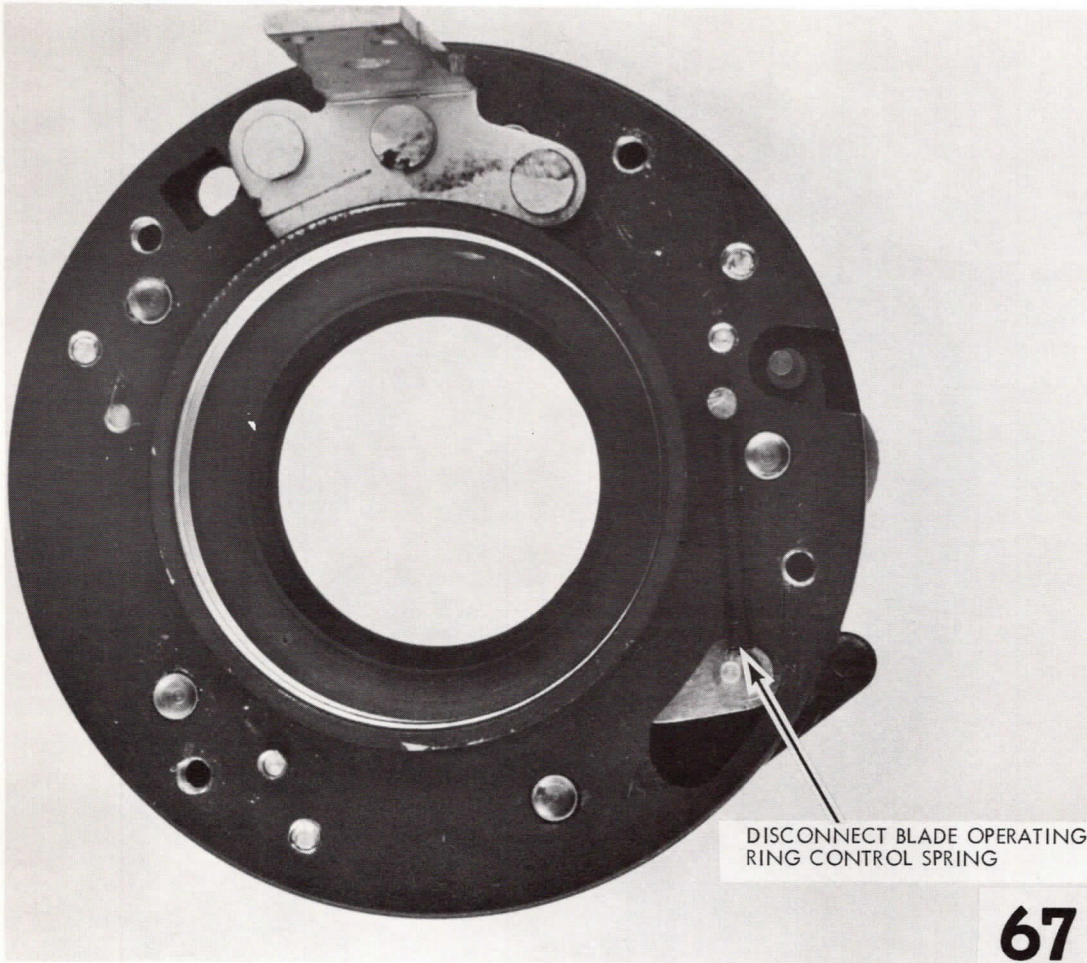
FLASH DIAPHRAGM
CONTROL LEVER





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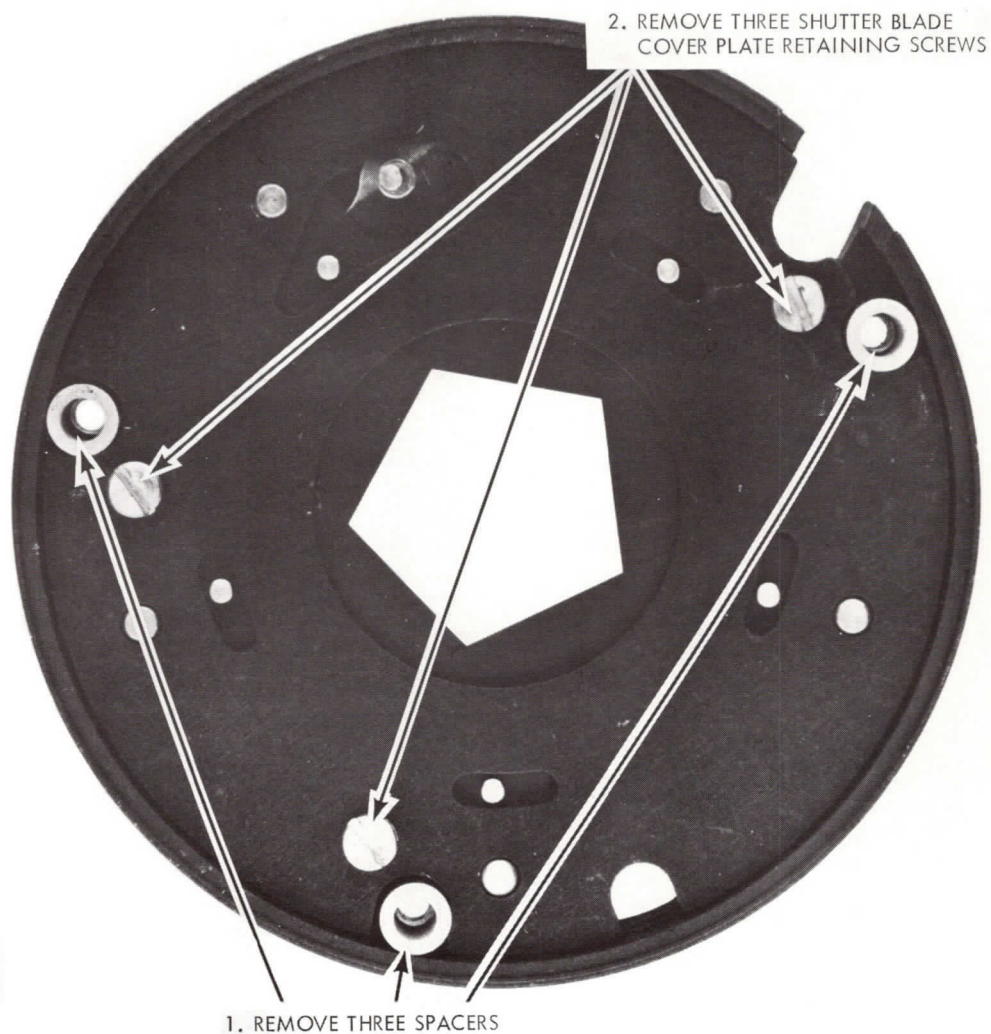
REMOVE FOUR SCREWS AND LIFT OUT SHUTTER ASSEMBLY



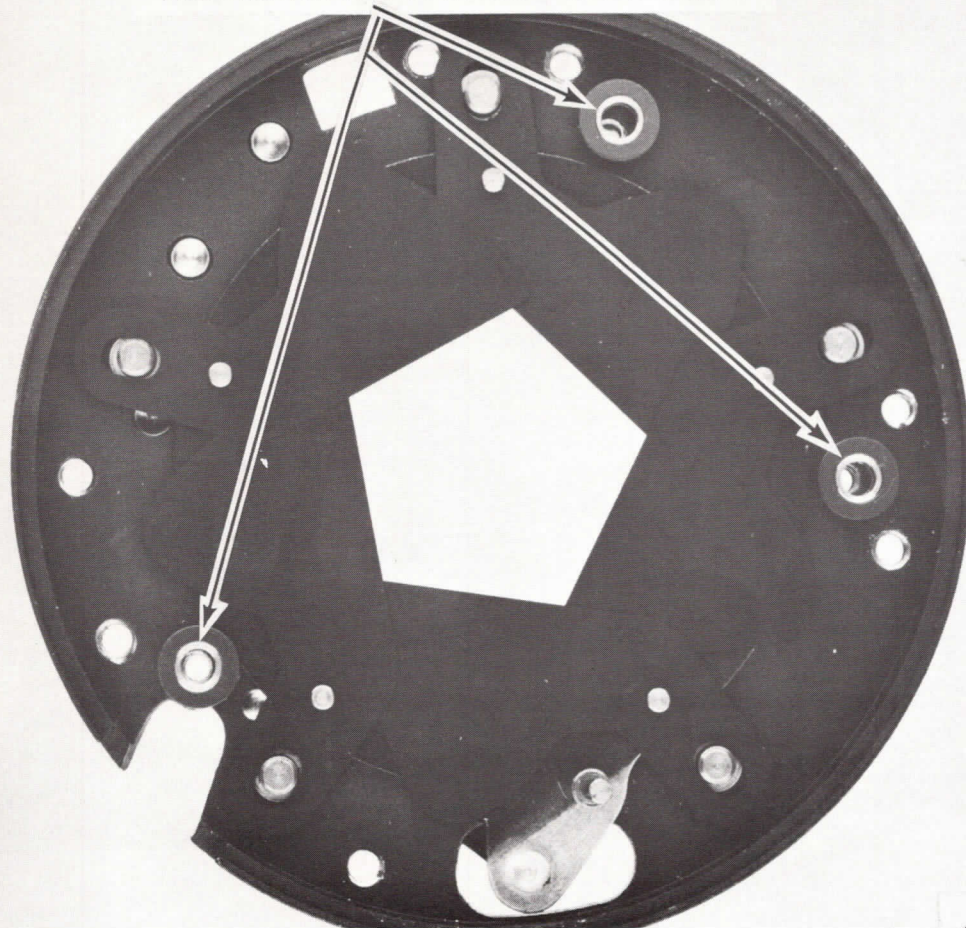
DISCONNECT BLADE OPERATING
RING CONTROL SPRING

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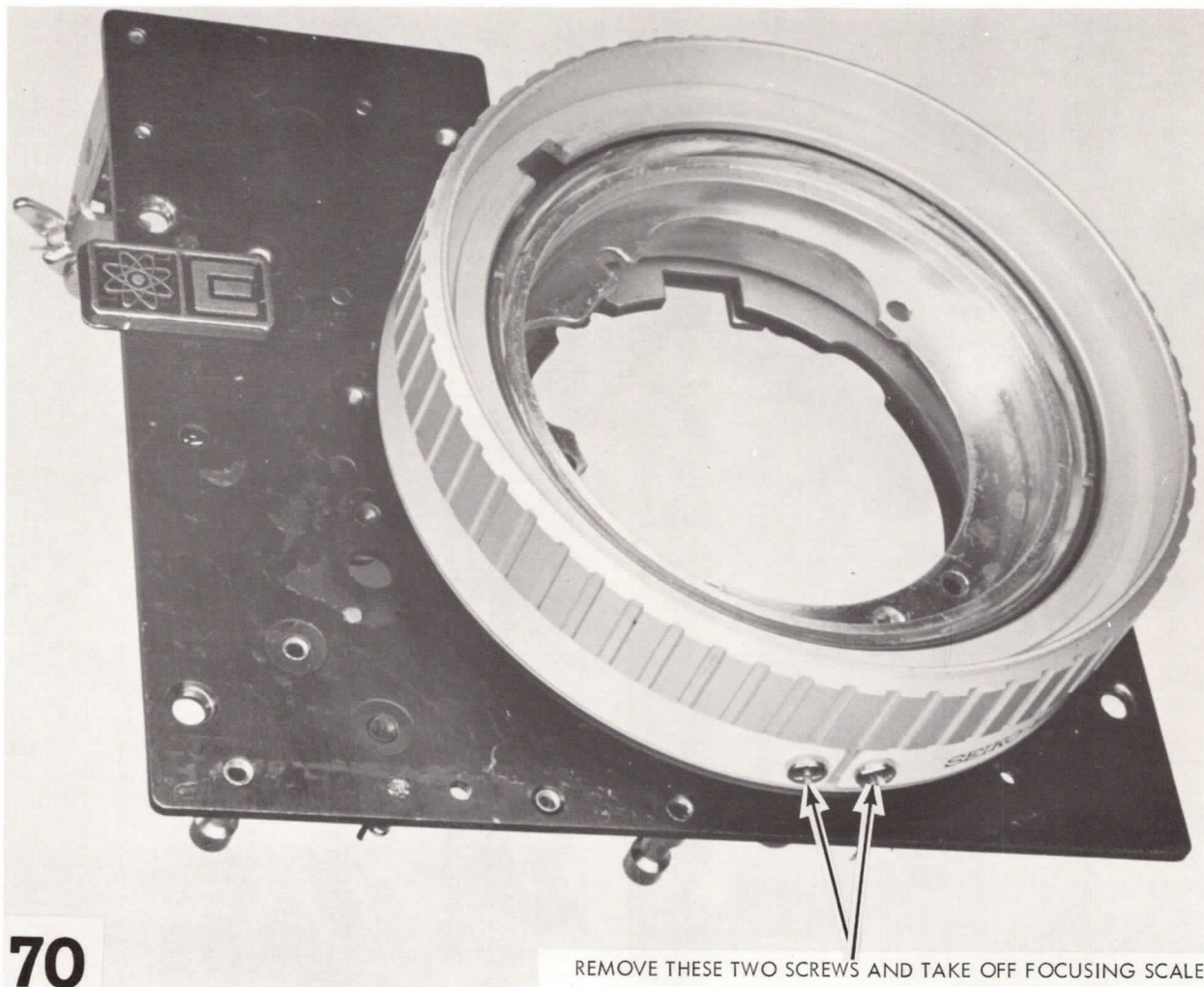


NOTE POSITION OF THREE SPACERS -- REMOVE SPACERS



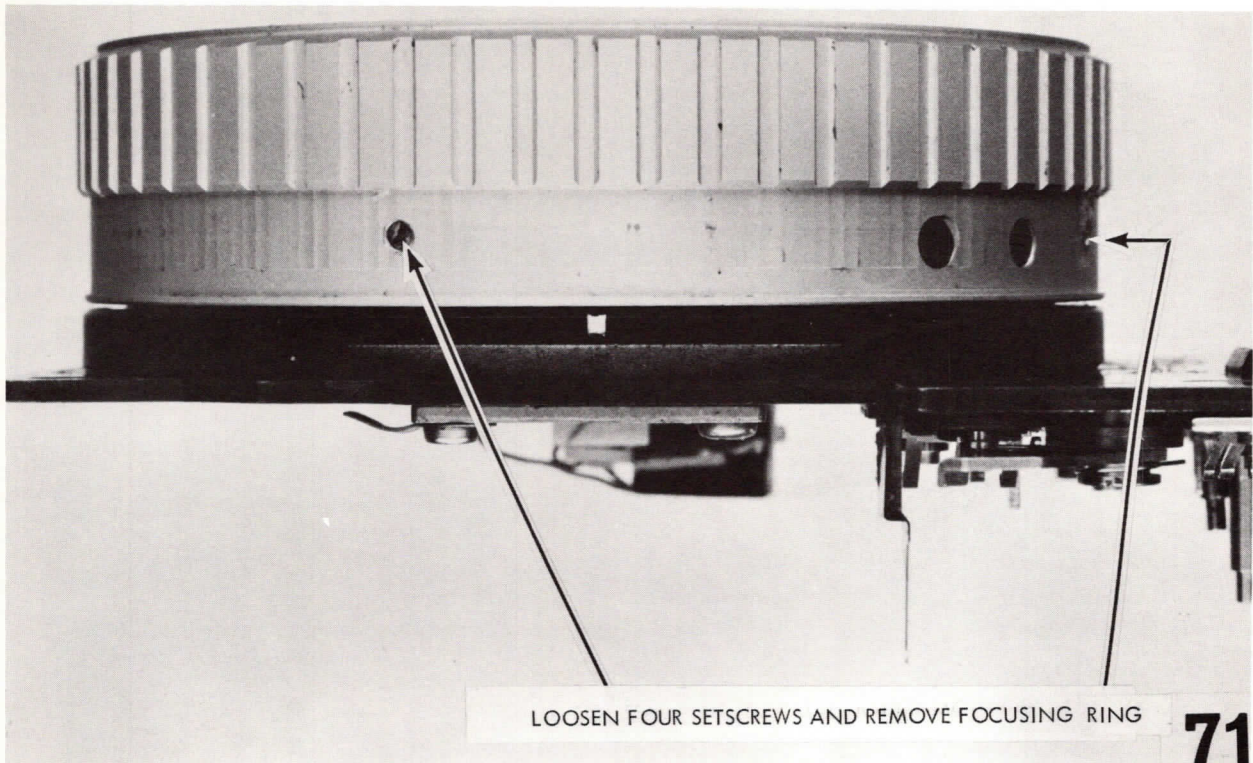
THE SHUTTER BLADES AND BLADE OPERATING RING CAN NOW BE REMOVED FOR CLEANING

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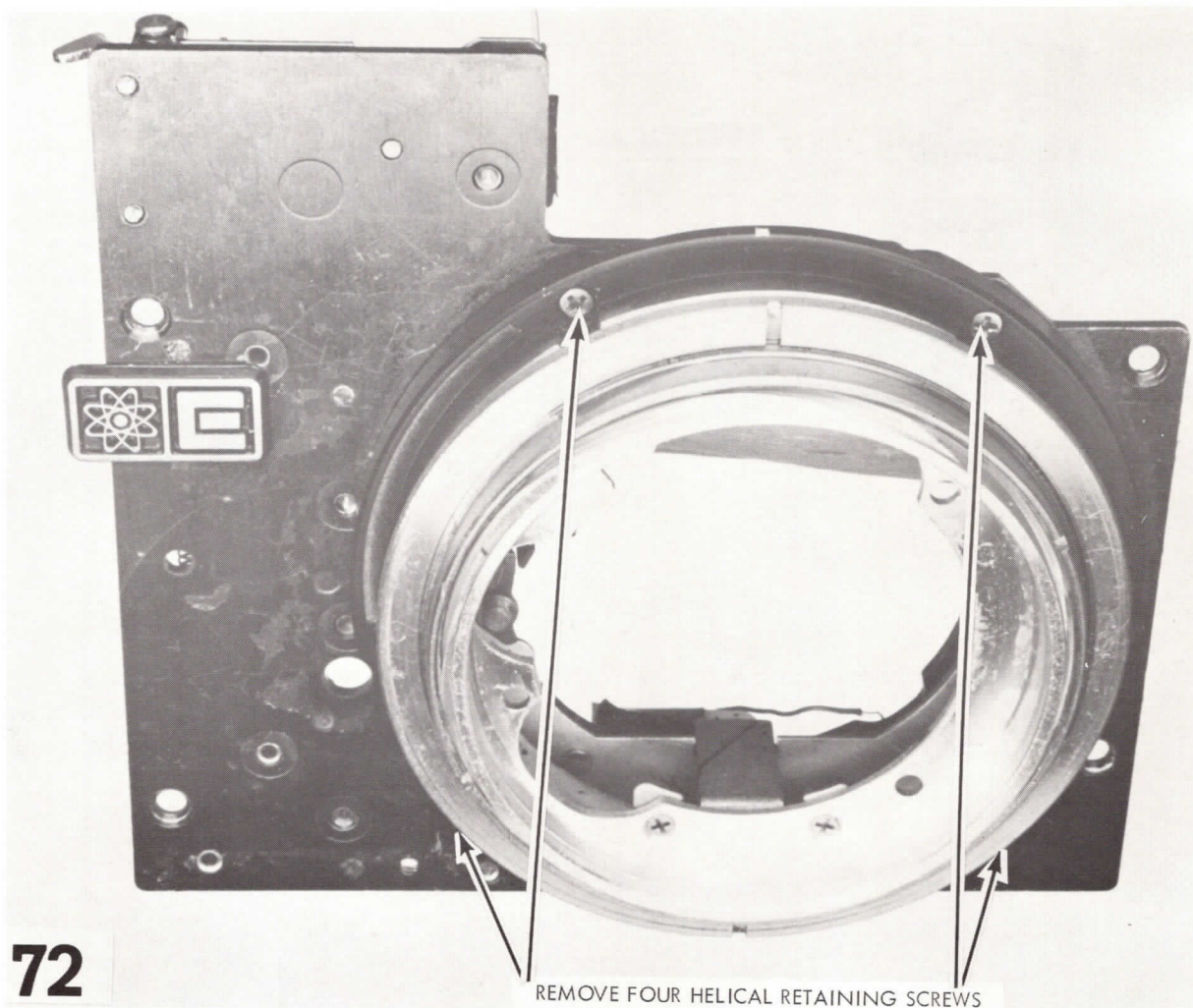


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REMOVE THESE TWO SCREWS AND TAKE OFF FOCUSING SCALE

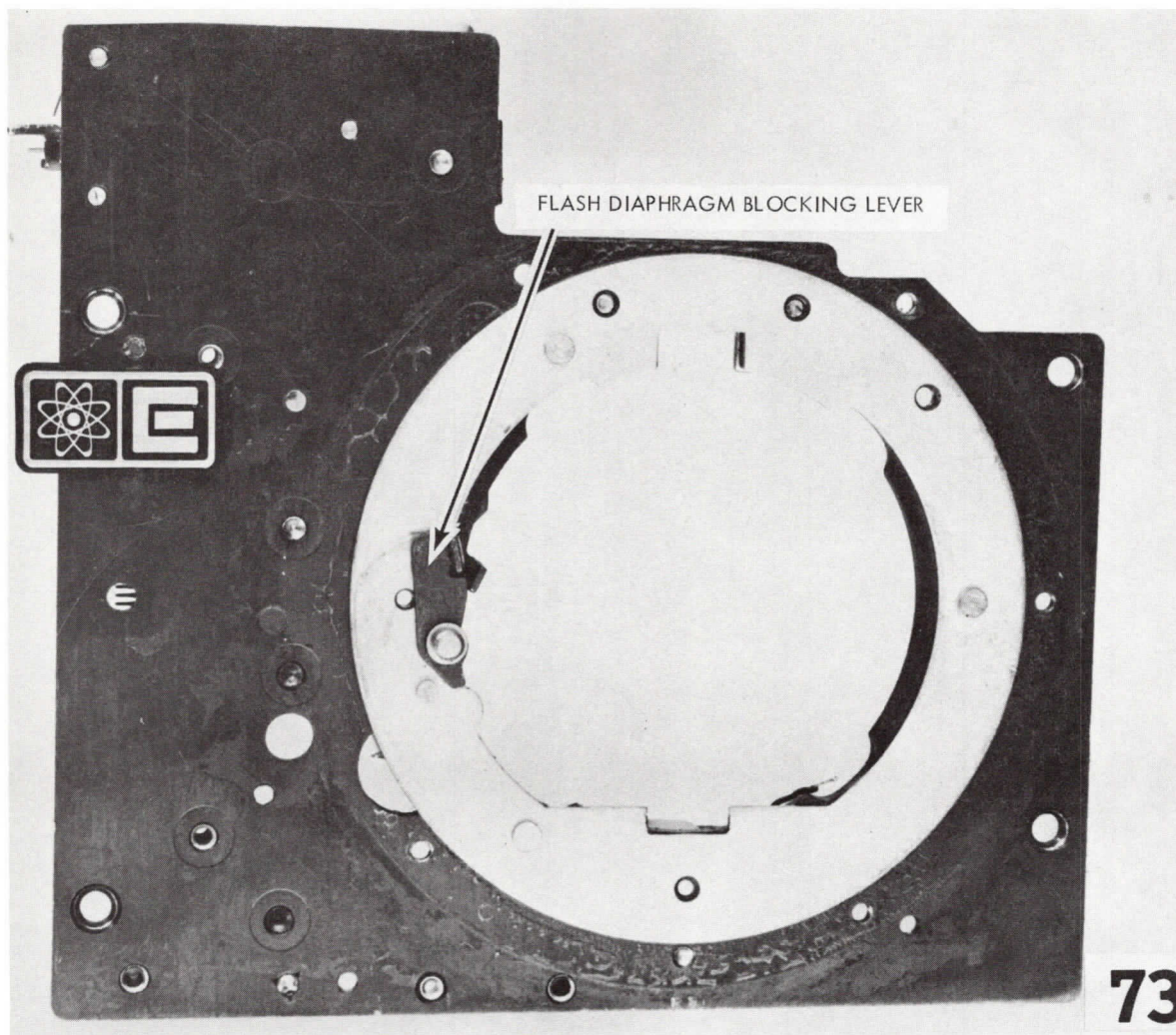


LOOSEN FOUR SETSCREWS AND REMOVE FOCUSING RING



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REMOVE FOUR HELICAL RETAINING SCREWS



FLASH DIAPHRAGM BLOCKING LEVER