

a-9

02 5WL 111 00 18888 8.8 AGL 8

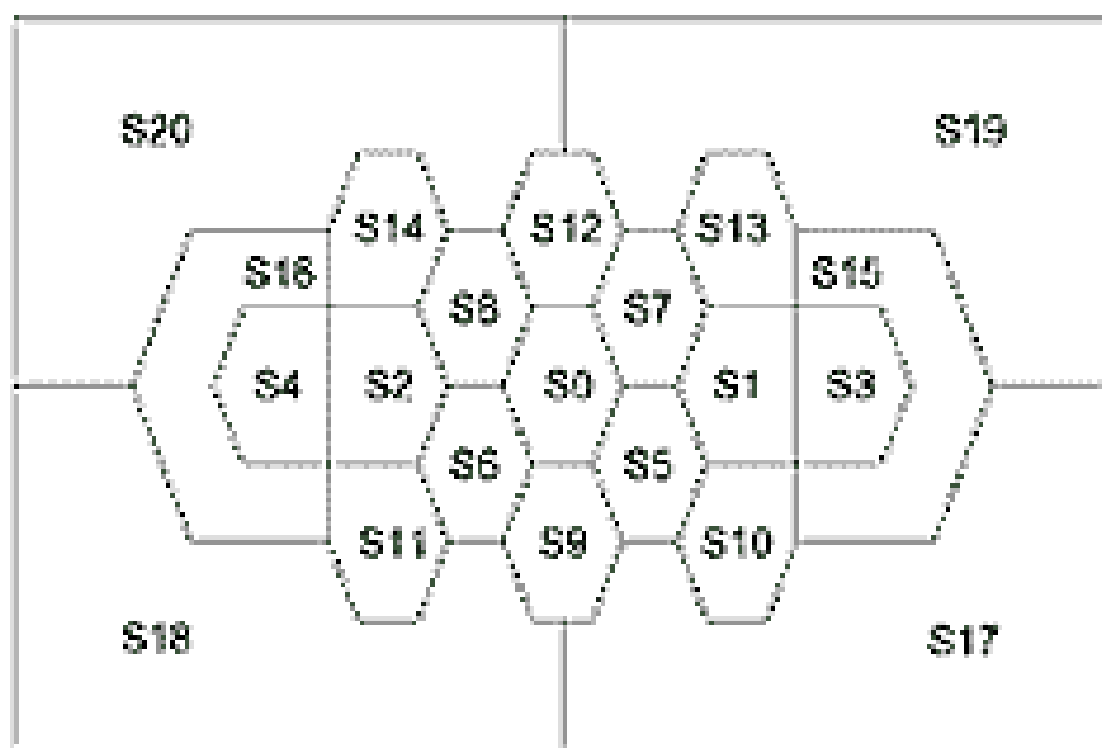
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EOS-1N

★250 8.0 ●

Intellectual
Property

CANON EOS1v (2001)



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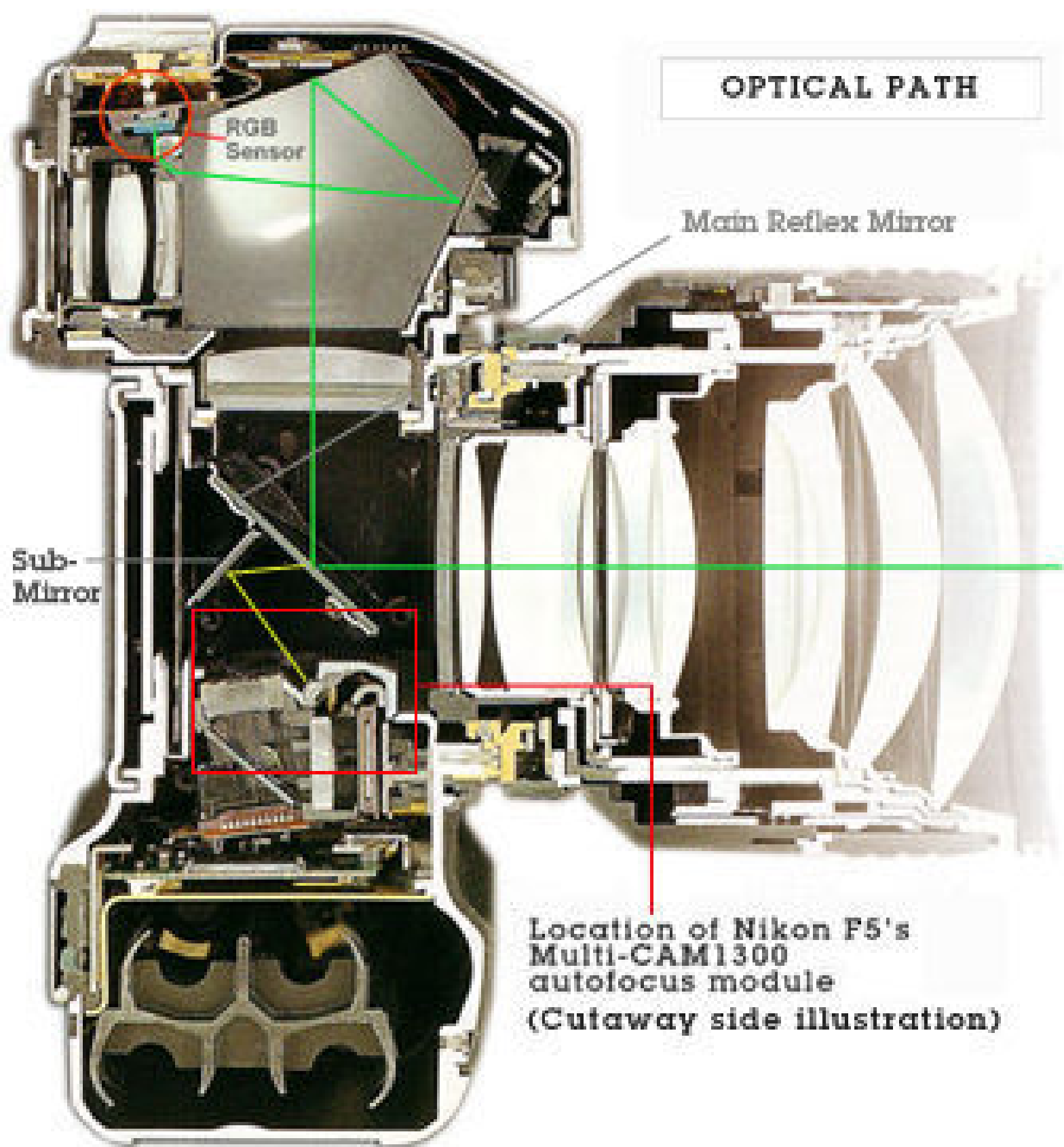
*** 8888 8.8 % ●







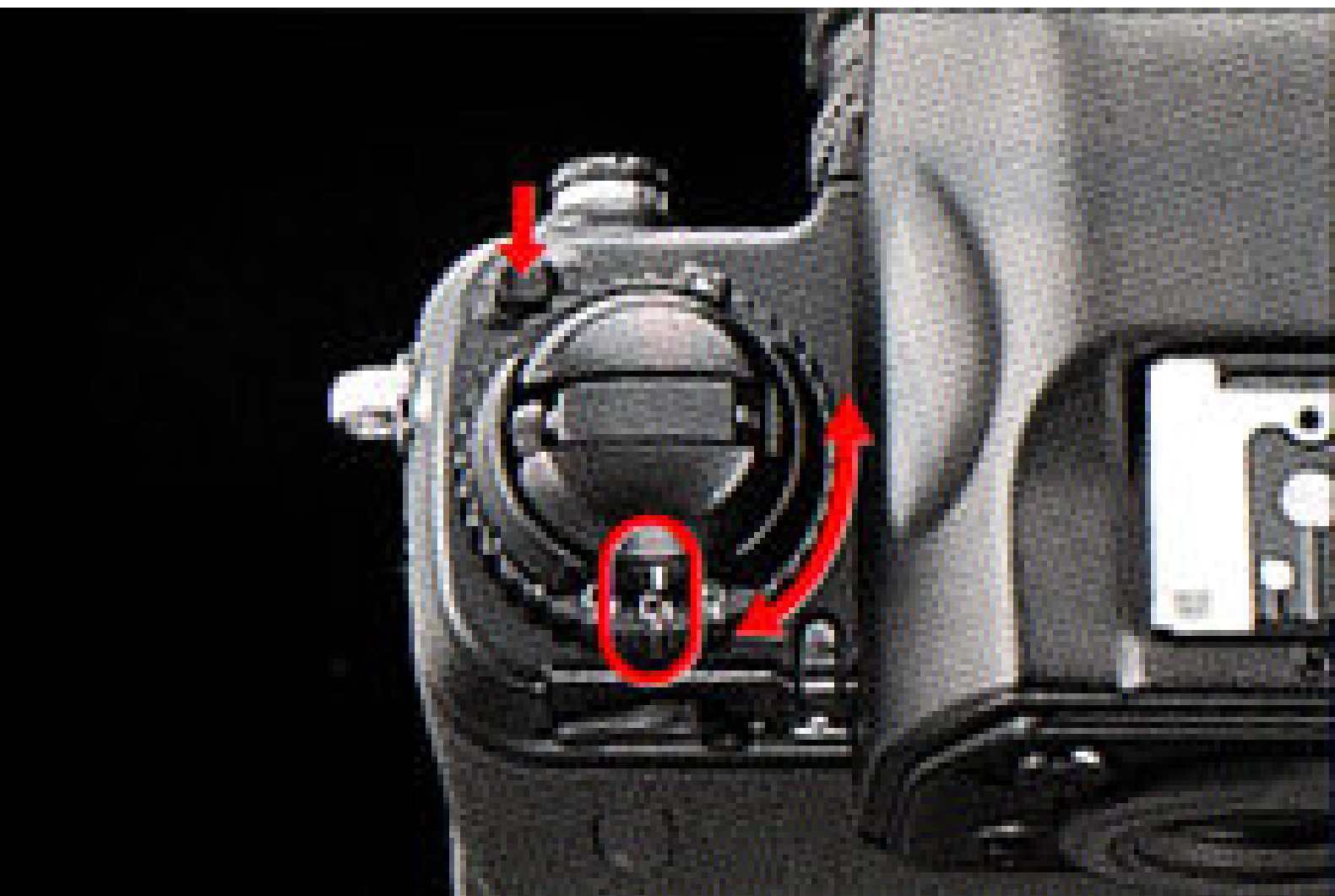














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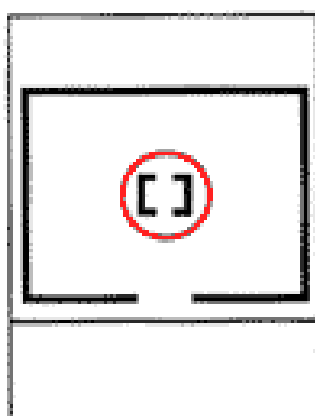




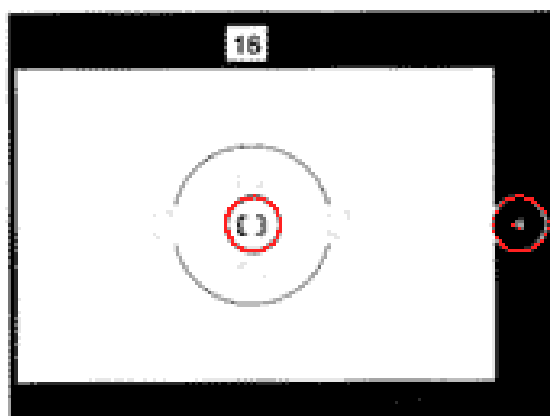




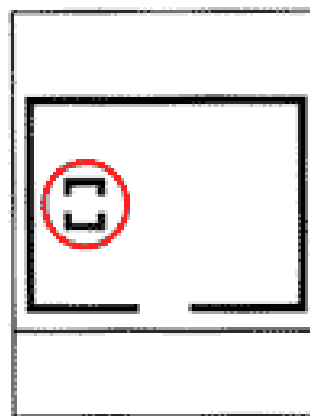
Top LCD



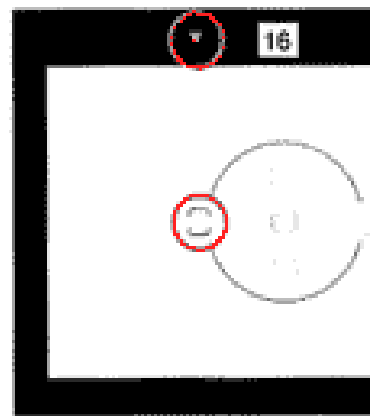
Viewfinder

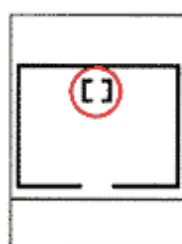
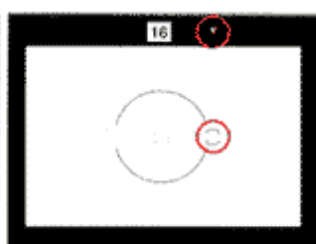
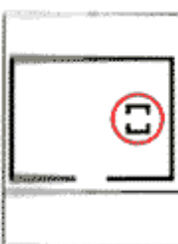


Center

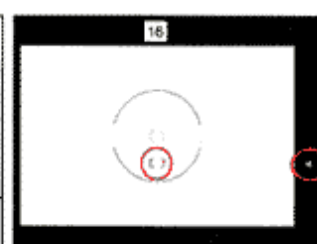
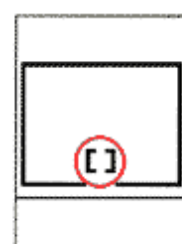


Left



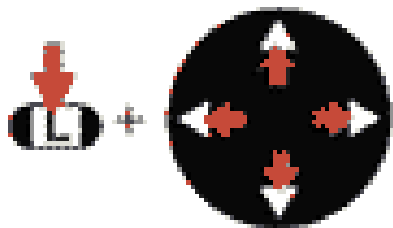
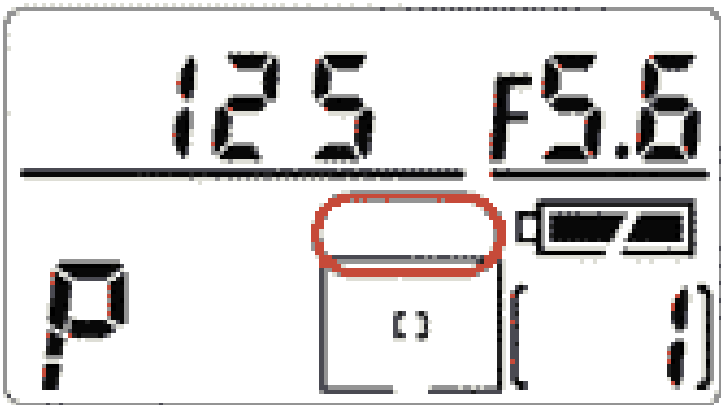
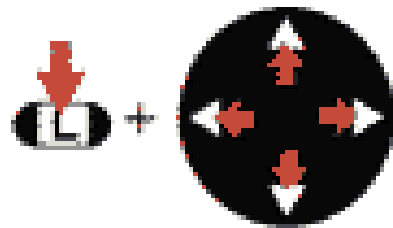
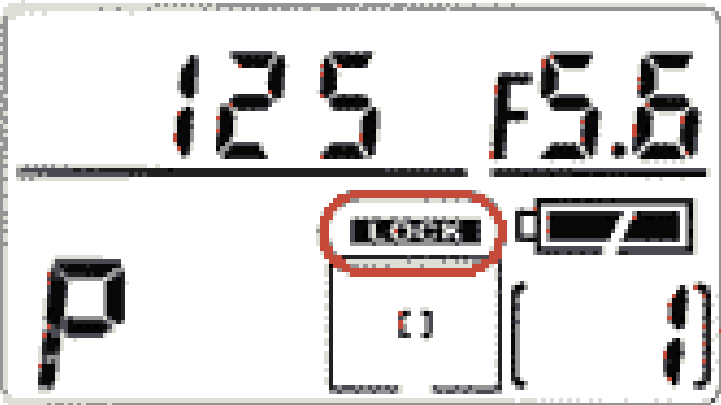


Top



Bottom











Viewfinder/Metering System Compatibility	Matrix	Centre-Weighted	Spot*
Multi-Meter Finder DP-30	✓ (3D Colour)	✓	✓
AE Action Finder DA-30	✓ (Five-segment)	✓	✓
6× High-Magnification Finder DW-31	—	—	✓
Waist-Level Finder DW-30	—	—	✓

✓: Available —: Not available

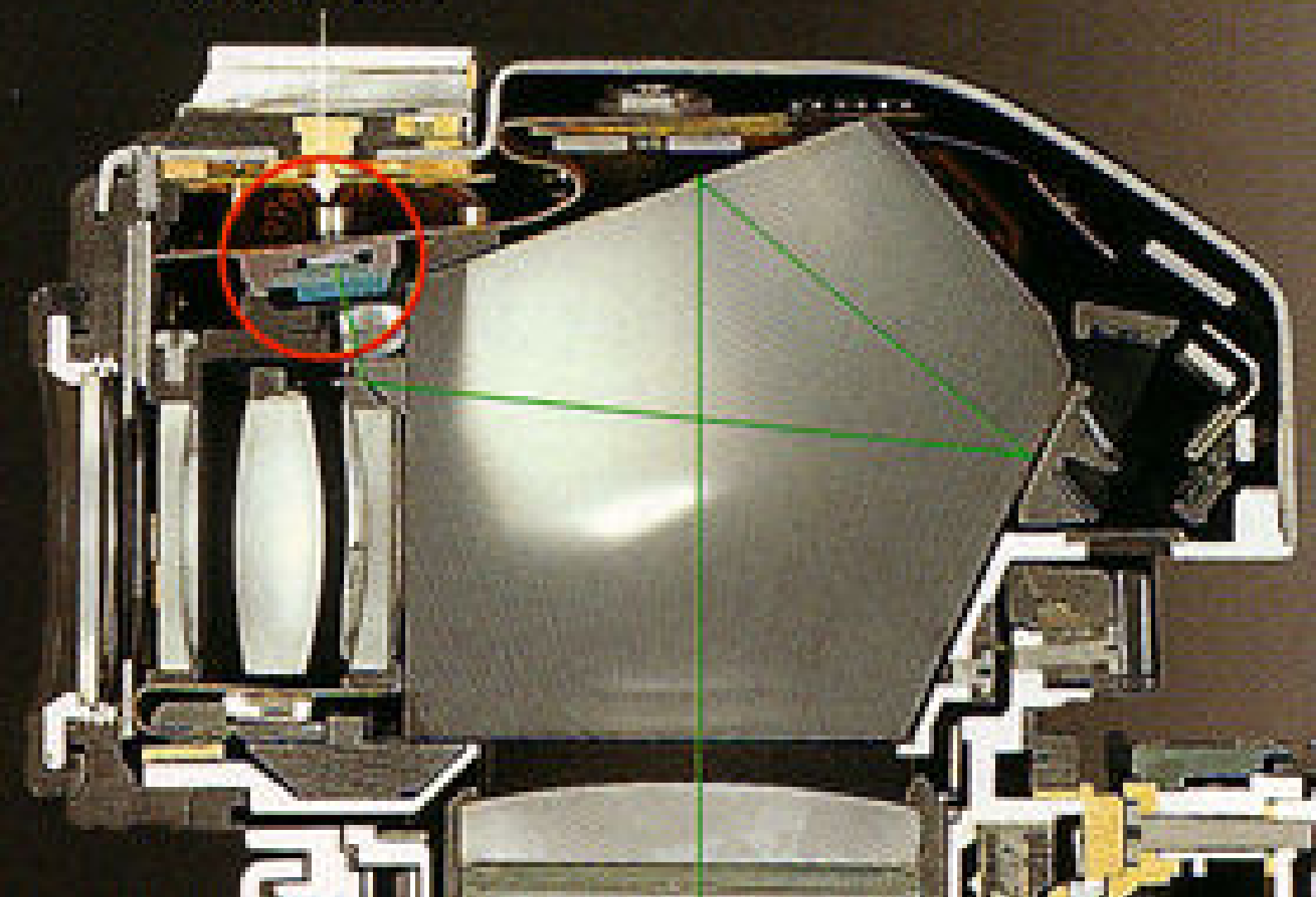
* For the DP-30, the Spot Metering area is 4mm-dia. when used with EC-B type screen and 6mm-dia. when used with other screens. For other viewfinders, the Spot Metering area is 3mm-dia.

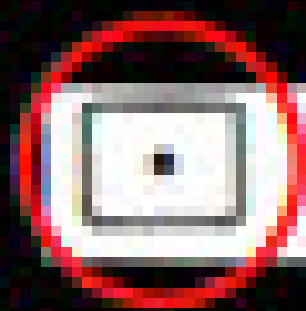






RGB Sensor

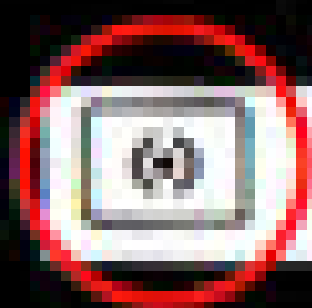




125

f5.6

P



125

f5.6

P



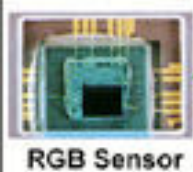


1" F4

S

[15]

The Flowchart & Progress of
Nikon F5's 3D Colour Matrix
Metering Sensor an eventual
calculated Exposure



Resulted OPTimum Exposure

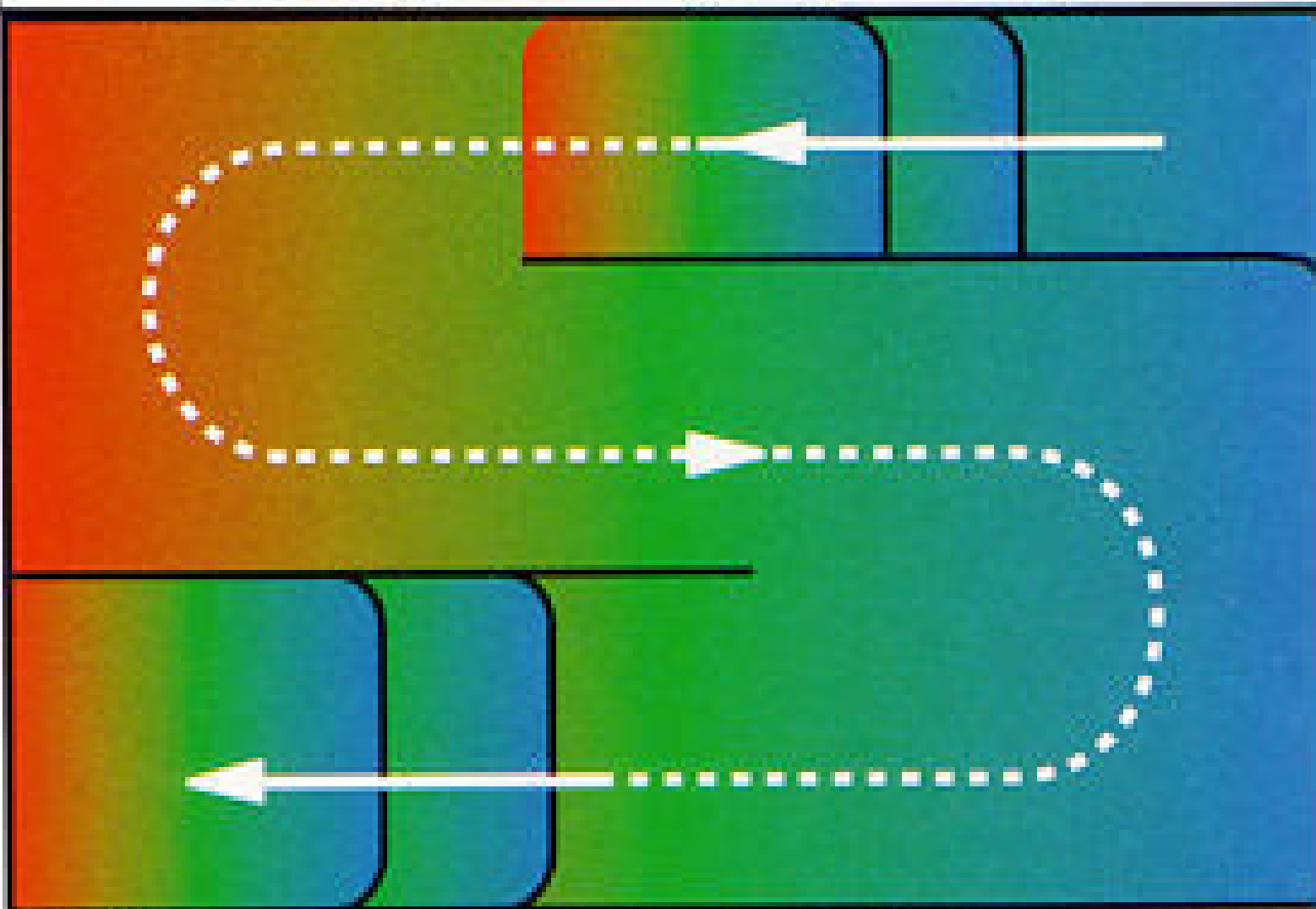


Credit: Illustration was modified from Nikon's original published material on F5's technical Guide Book

©Khin Khor 2009

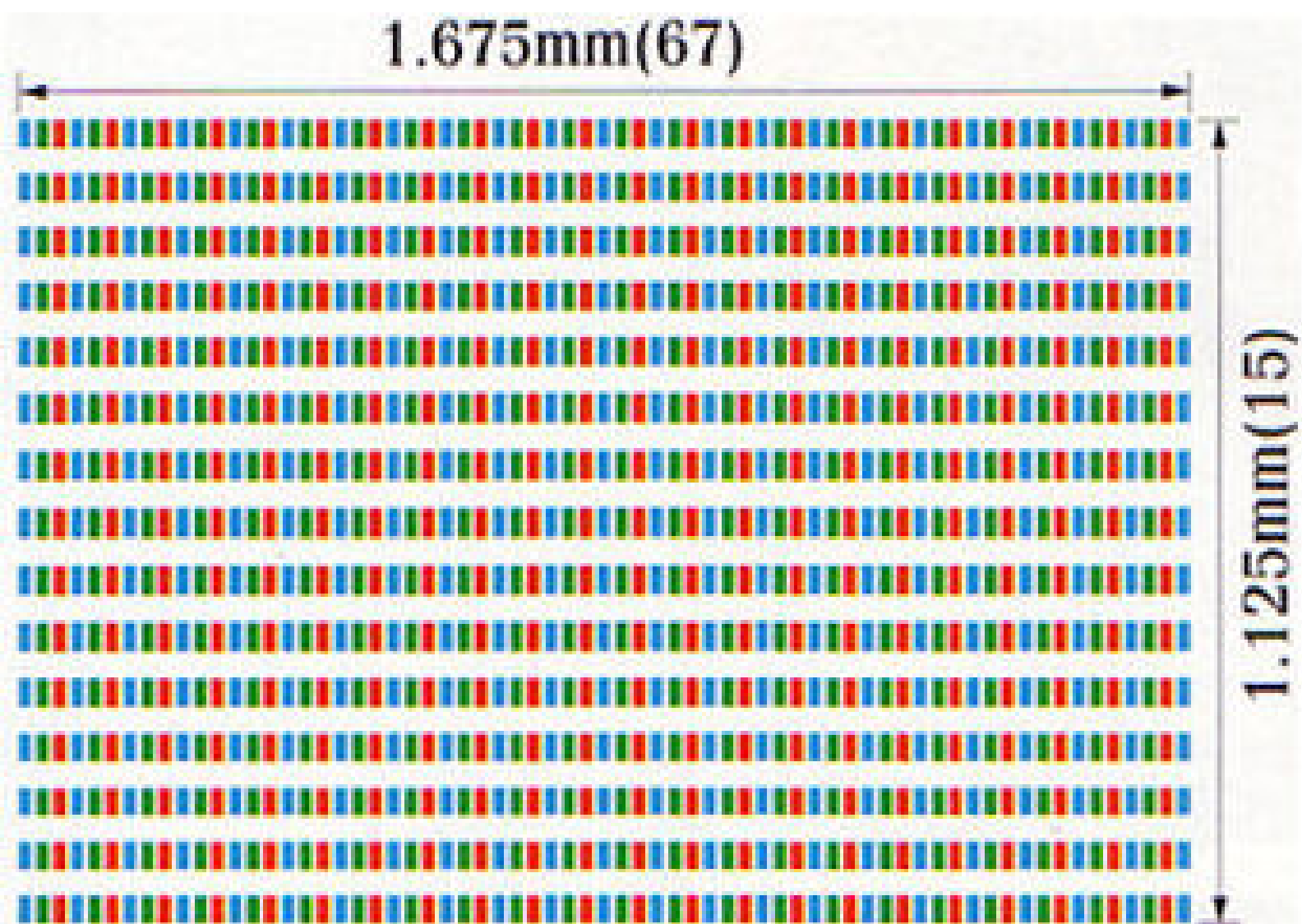


Overlapped small group reading



Brightness data from 1005-pixel CCD is grouped into overlapped areas.





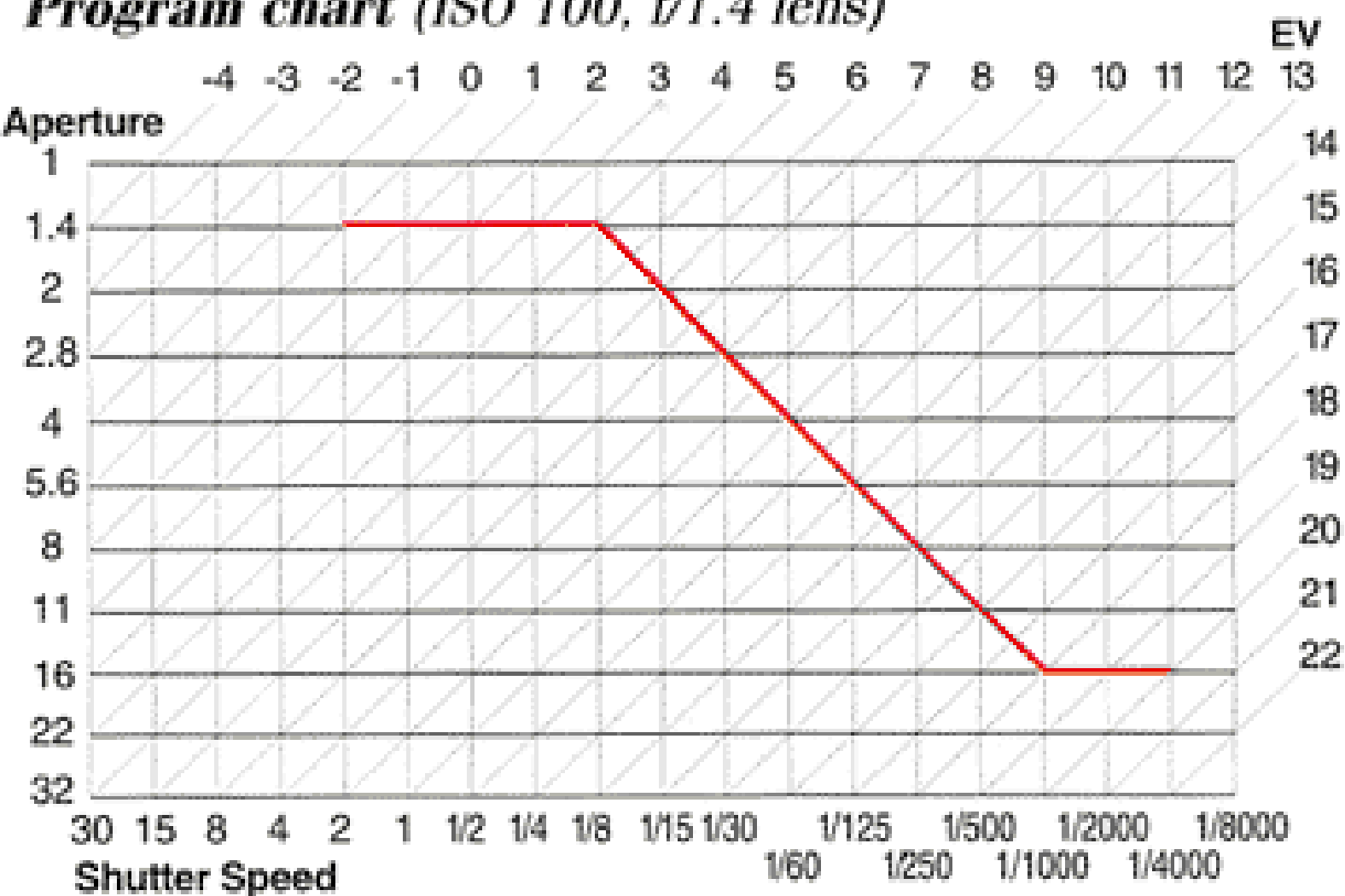
Sensor pitch : *1005-pixel arrangement*
Horizontal: 0.025mm Vertical: 0.075mm

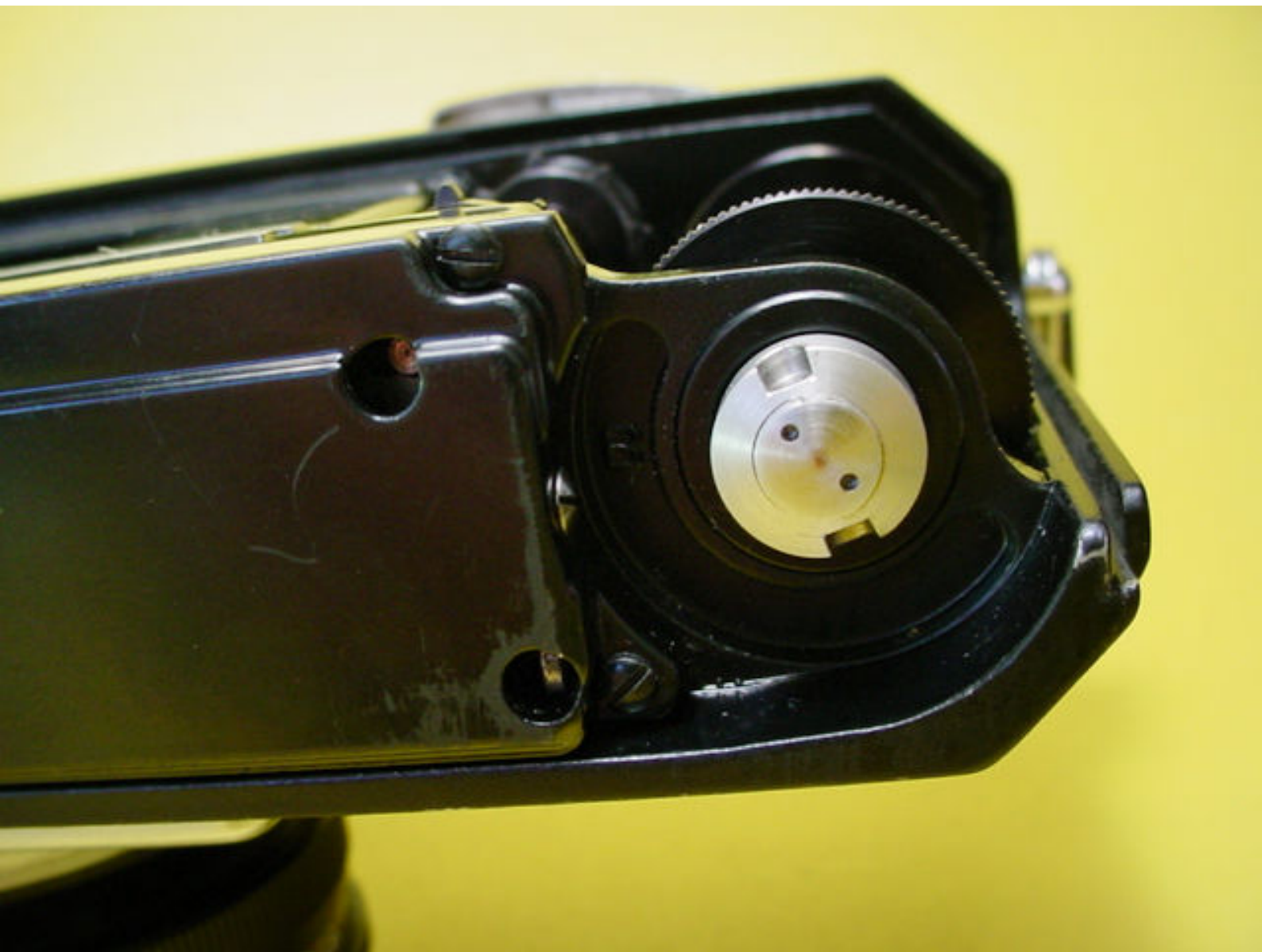






Program chart (ISO 100, f/1.4 lens)

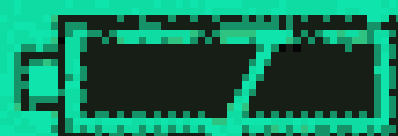
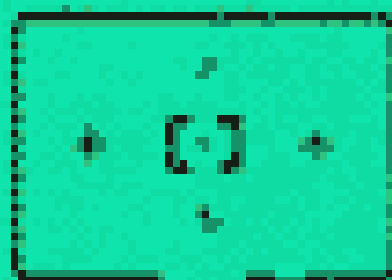




15.0

F8.3

P



(9)

 125 F5.6 P [1]

Correct exposure

 HI F16 P [1]

Overexposure; use film with a lower ISO speed or use Nikon ND filter

 L0 F14 P [1]

Underexposure; use a Nikon Speedlight or use film with a higher ISO speed

22



100 f4

P

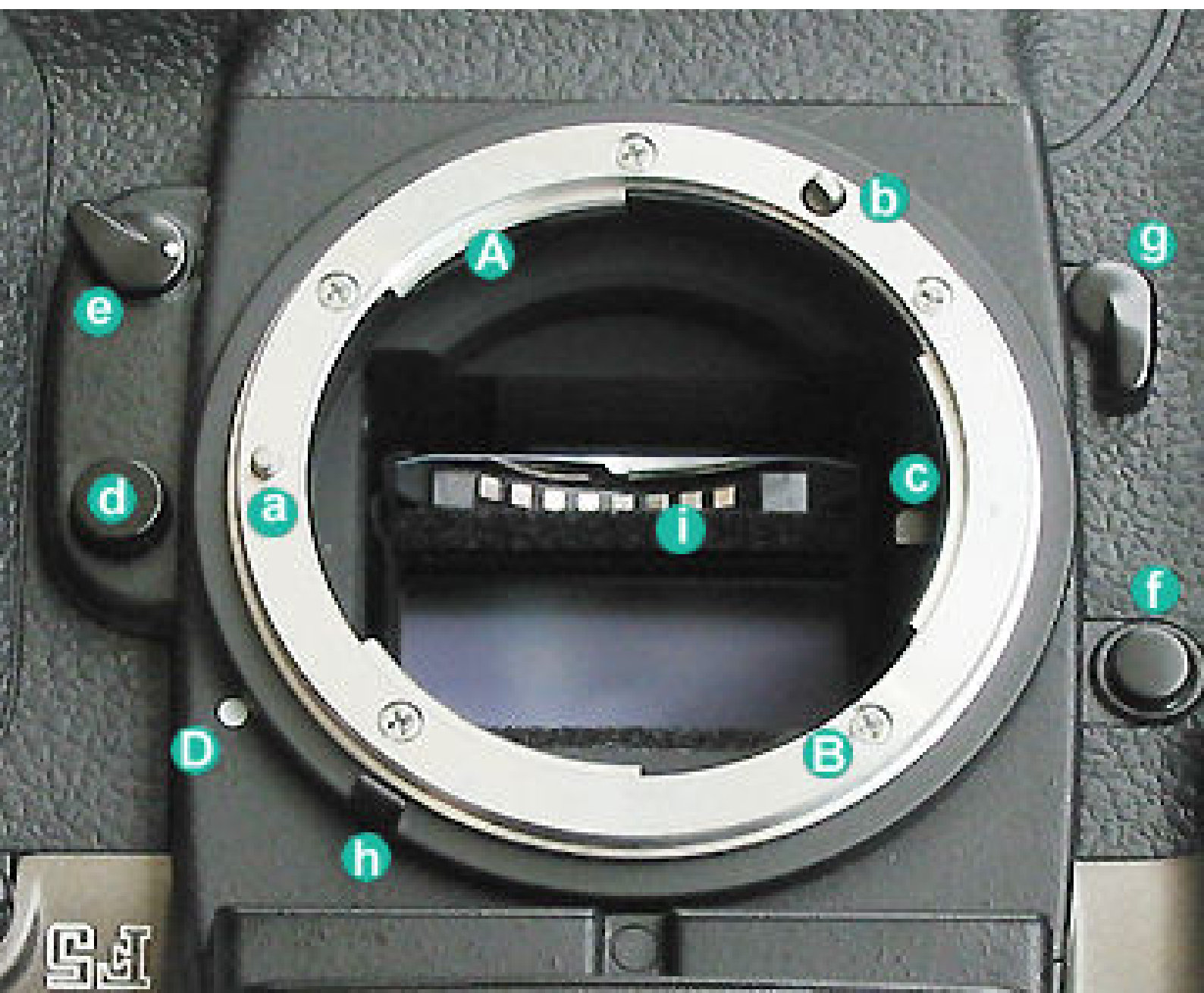
[15]





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Sub-Command Dial

Main Command Dial
(rear section, pix inverted)



AF-ON

E-1
F-1









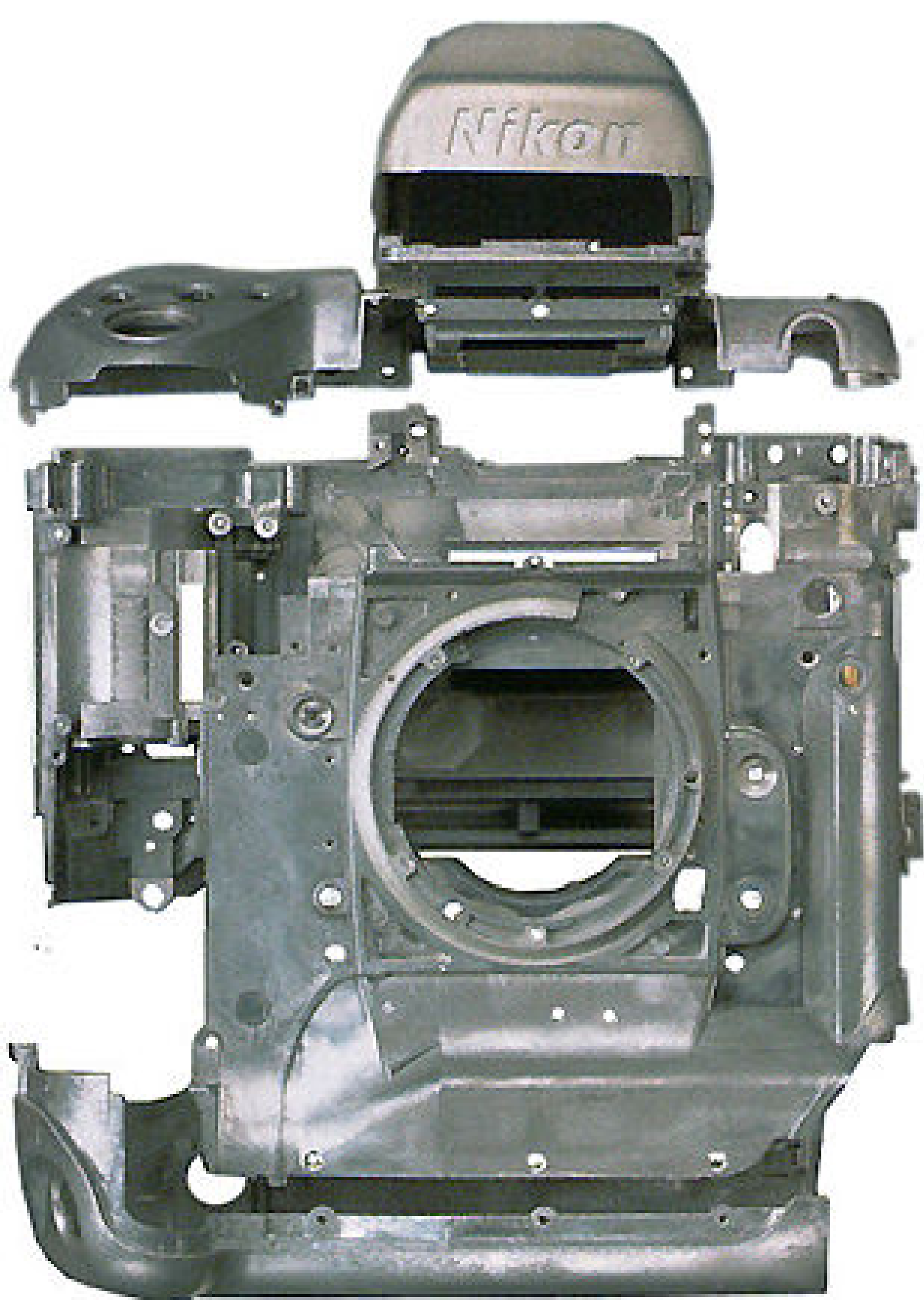












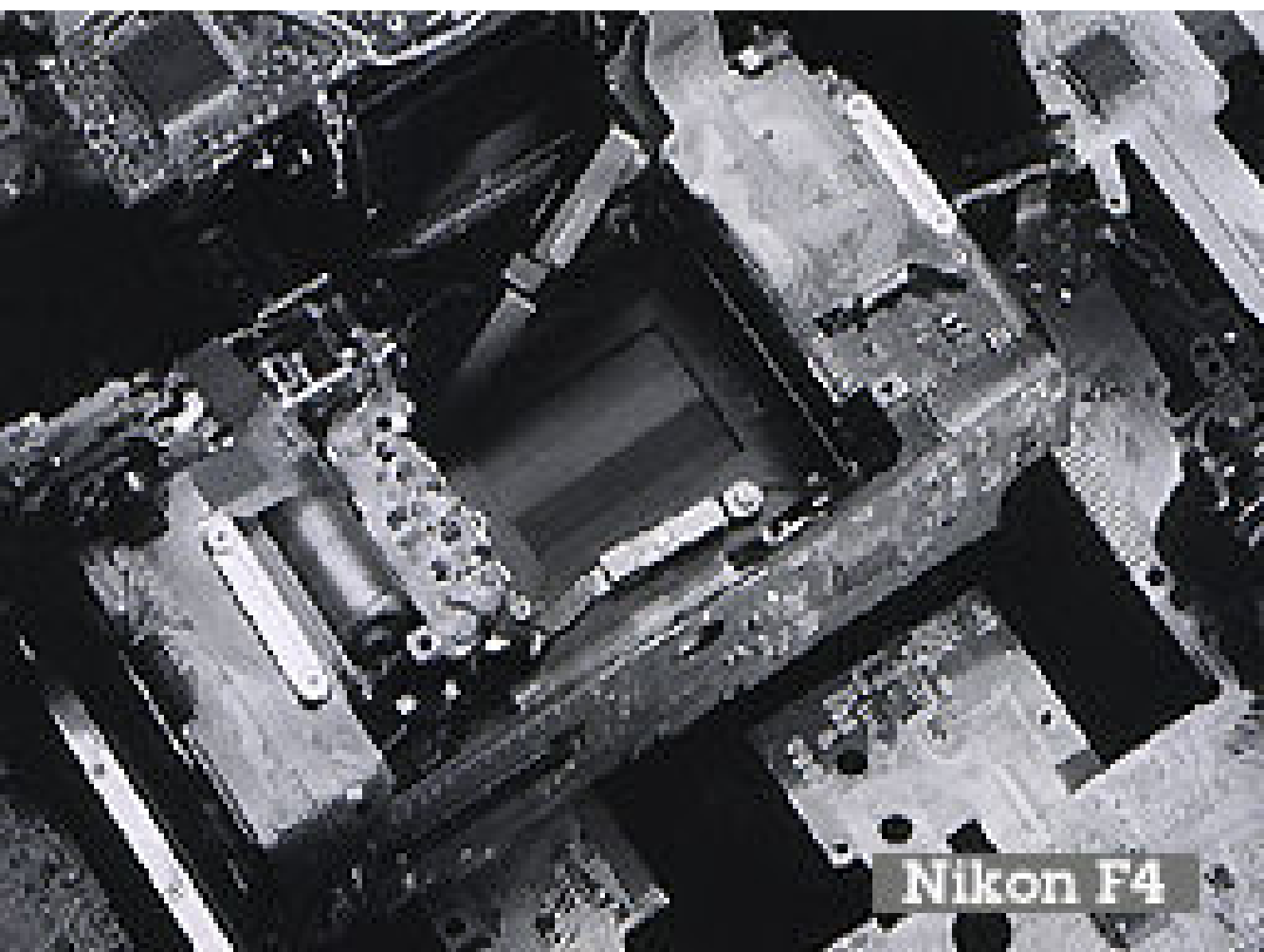




Nikon F2







Nikon F4

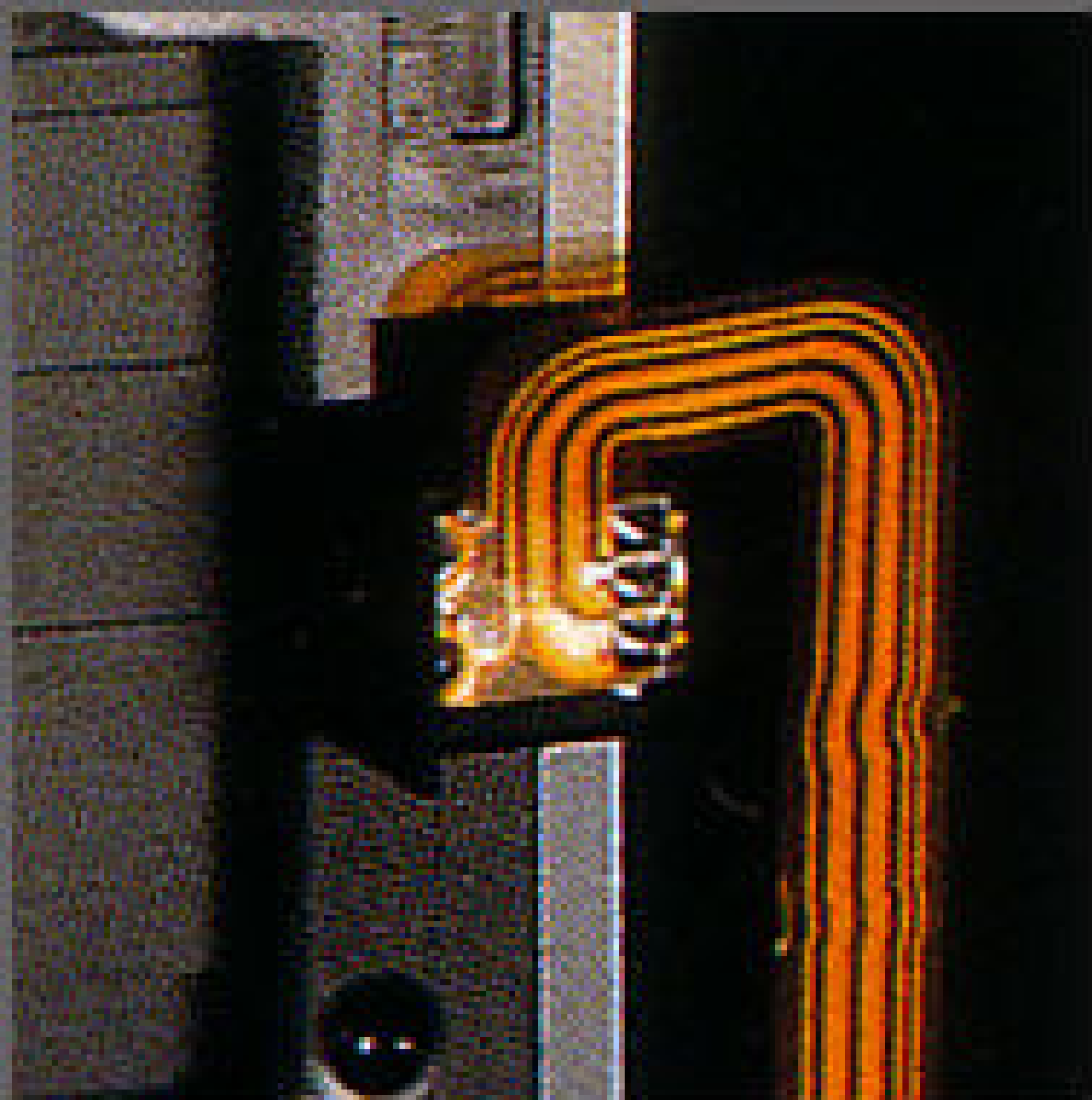


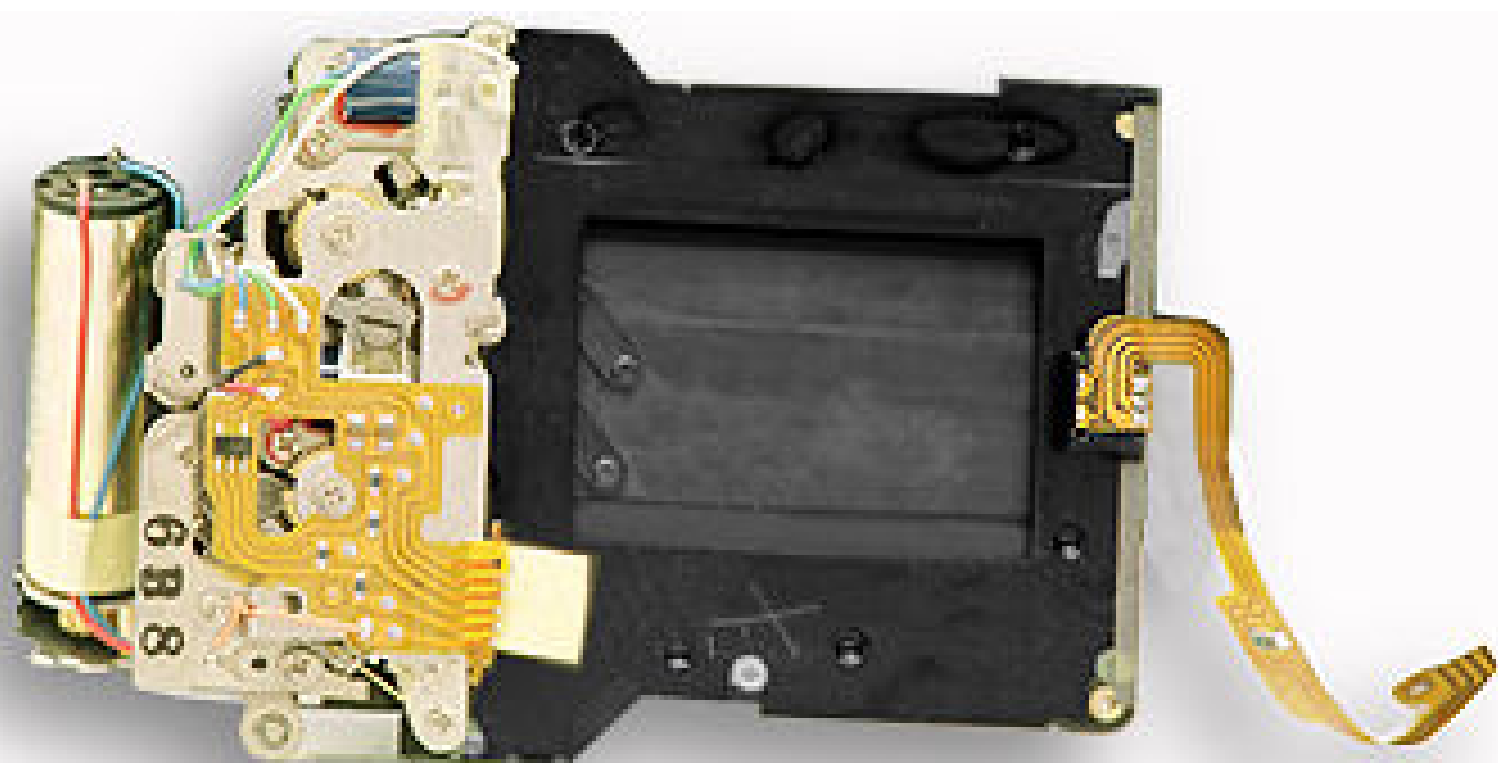
Nikon F3

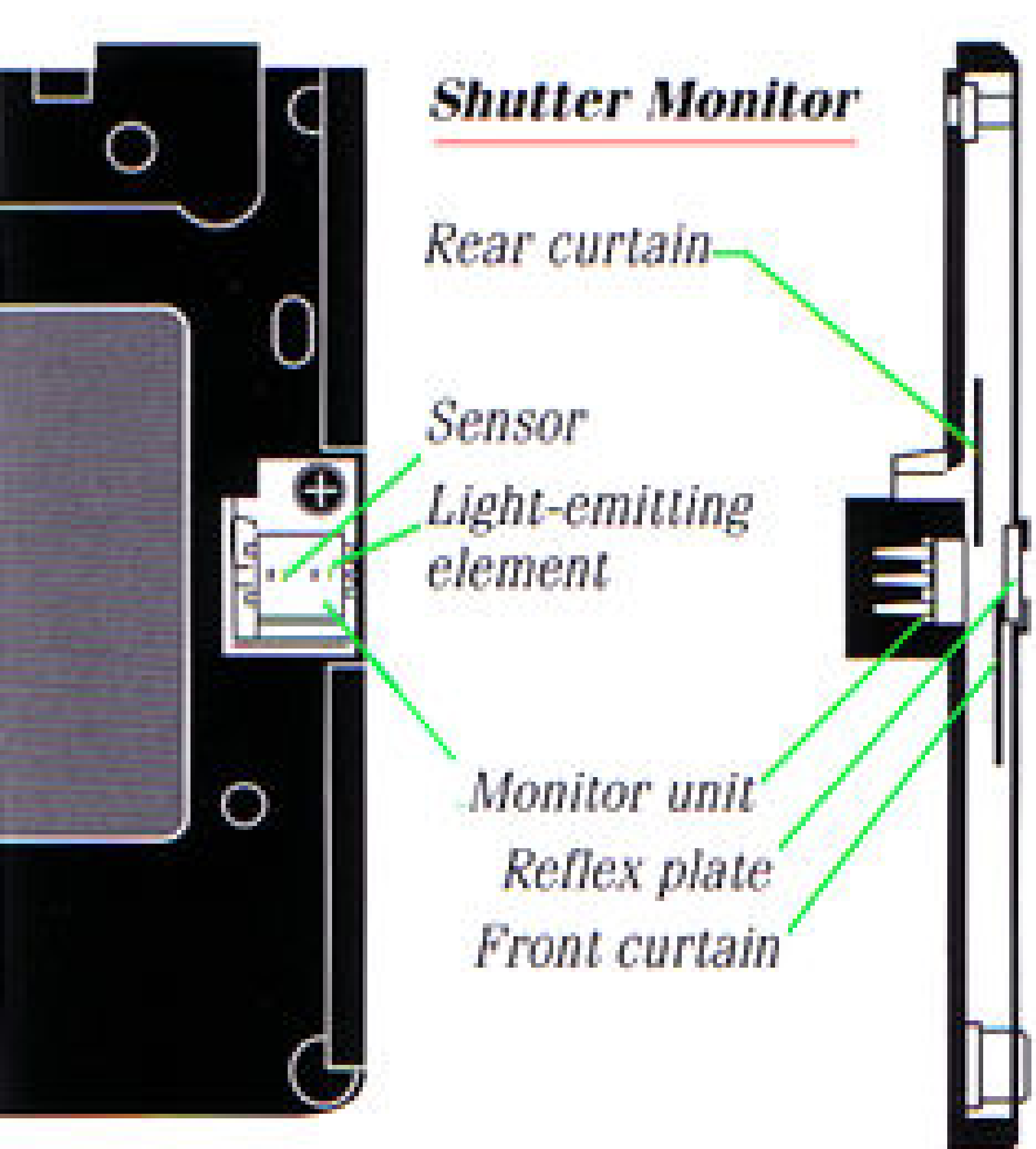






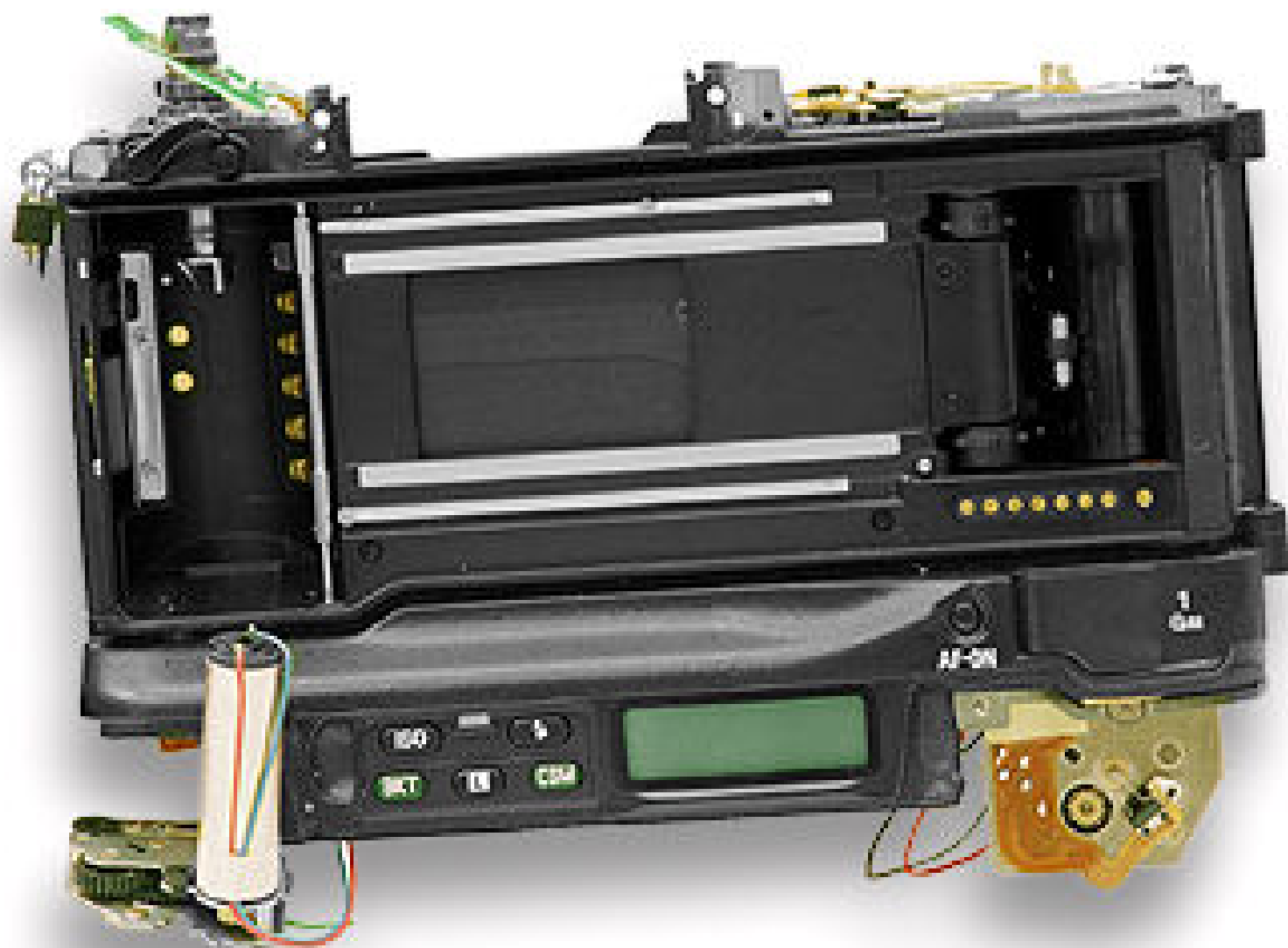


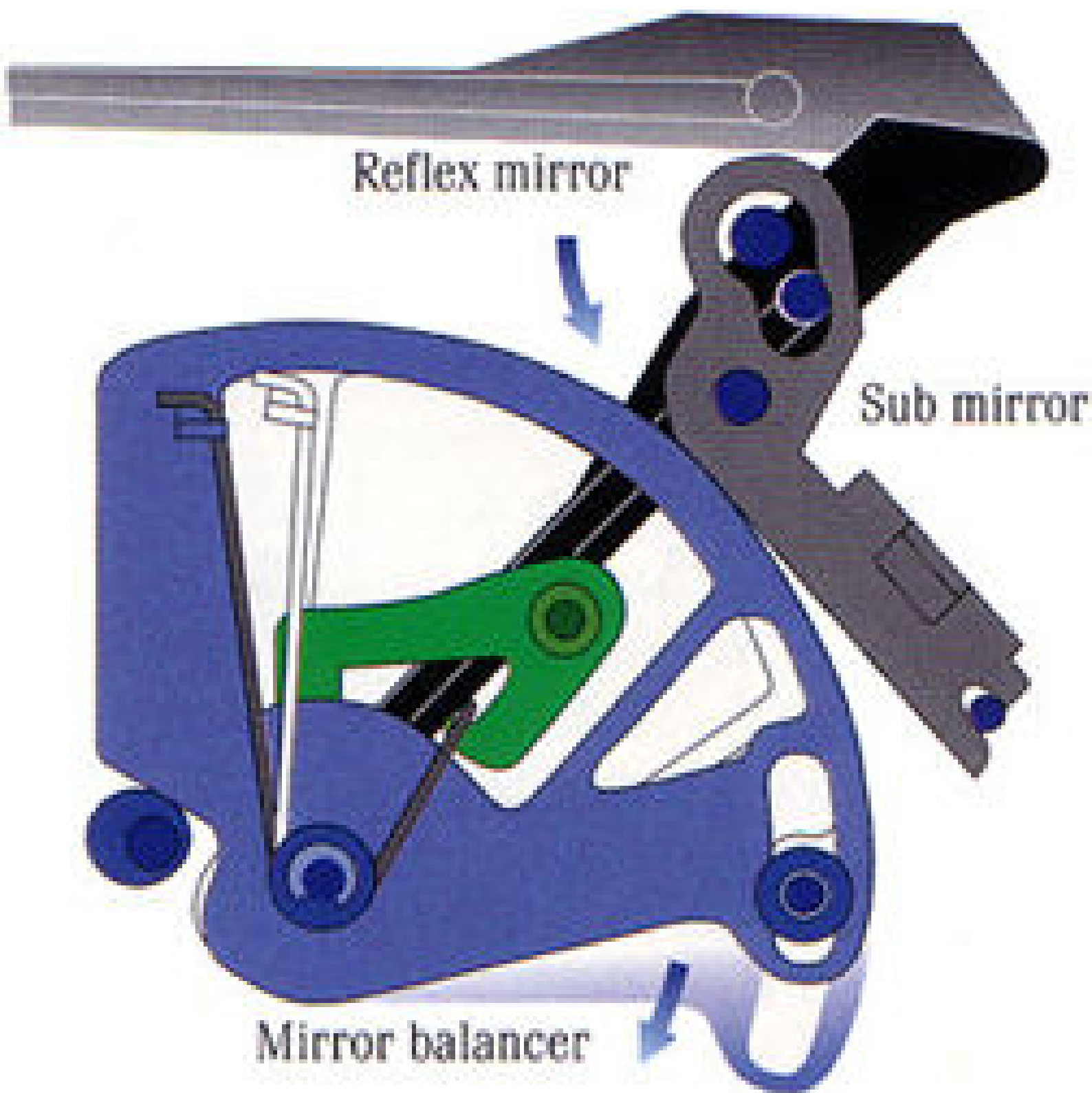


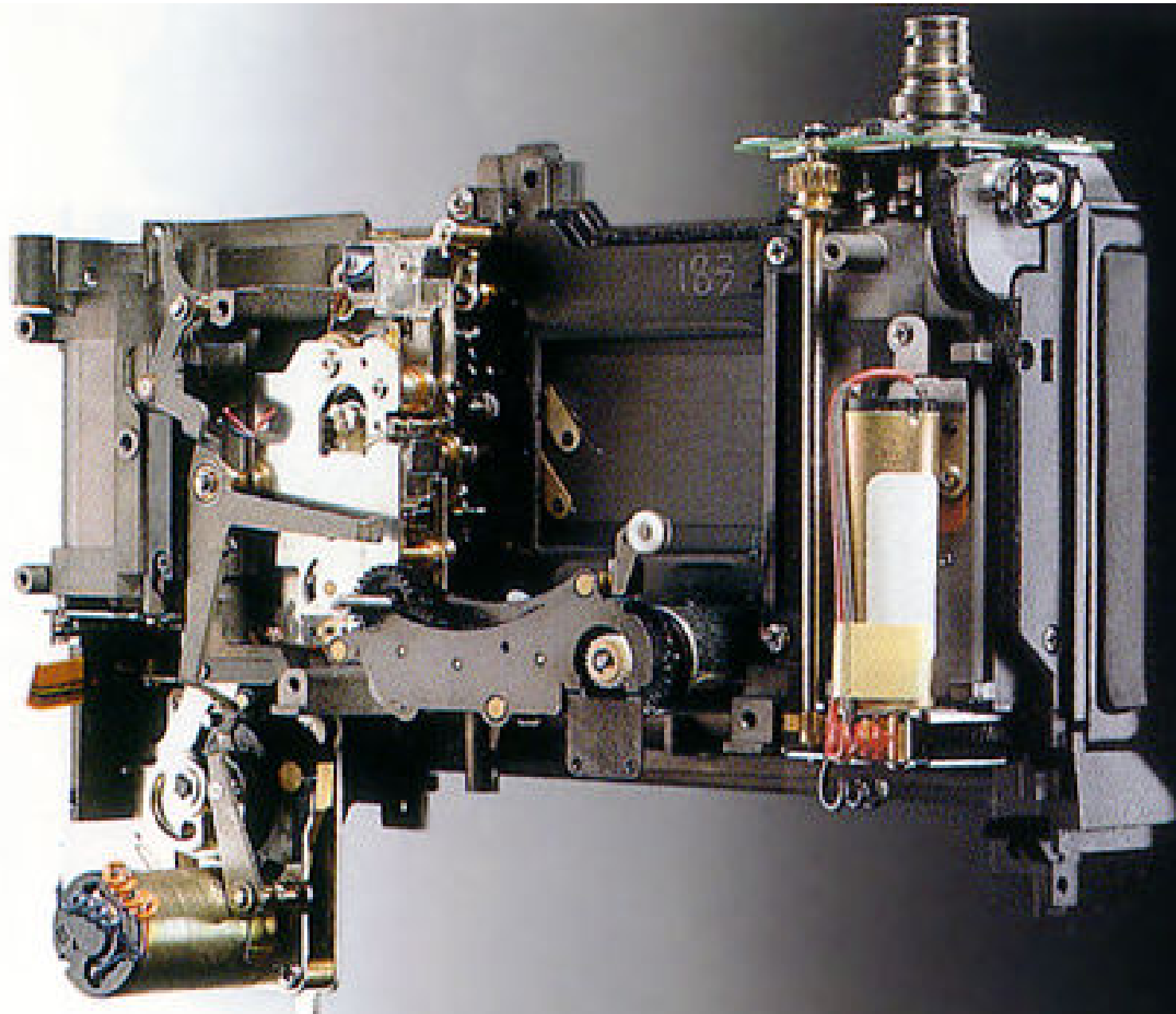


The light emitted from the monitor unit reflects off the reflex plate during exposure. The monitor makes it possible to detect actual exposure time and shutter operation malfunctions - if any.

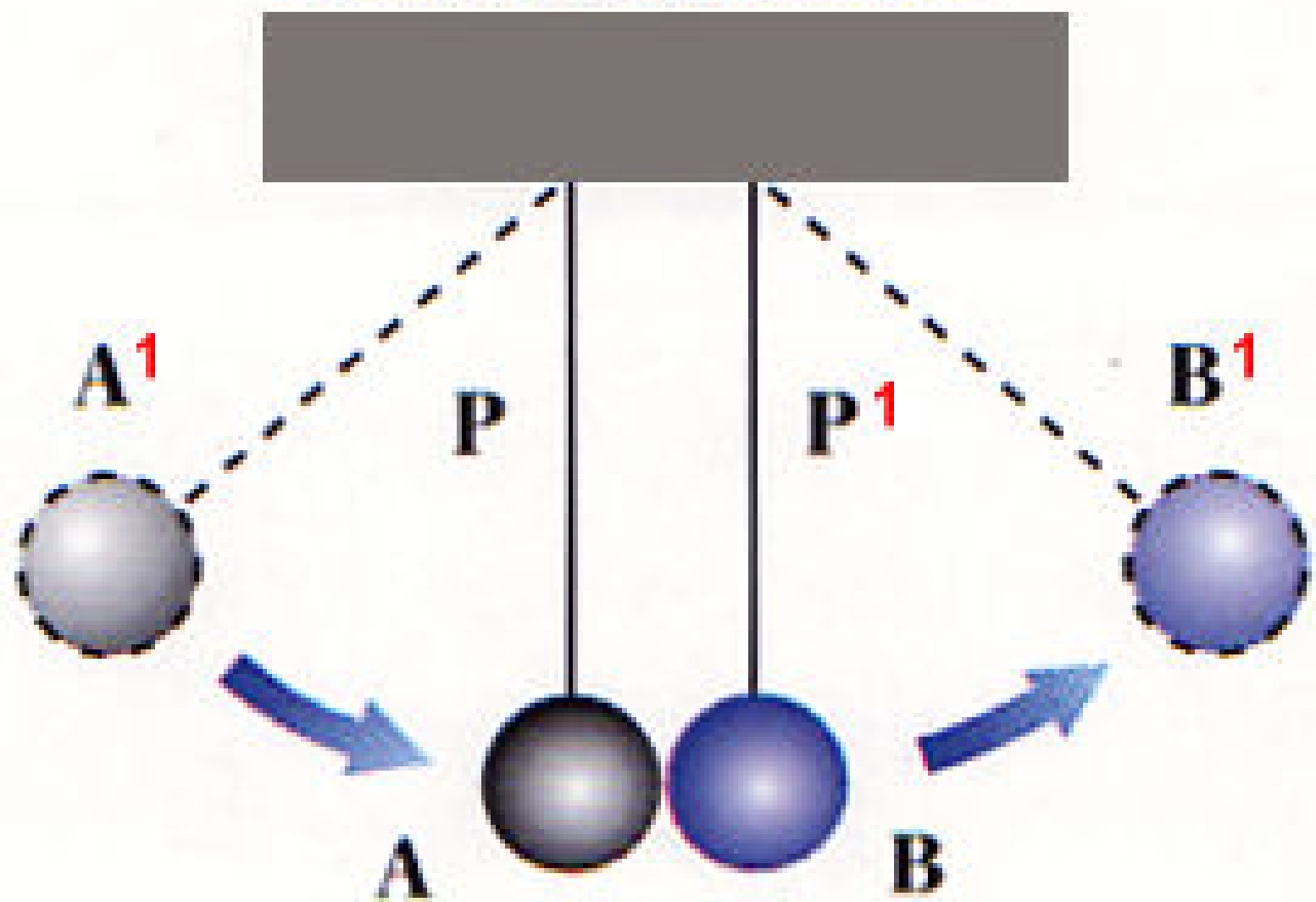


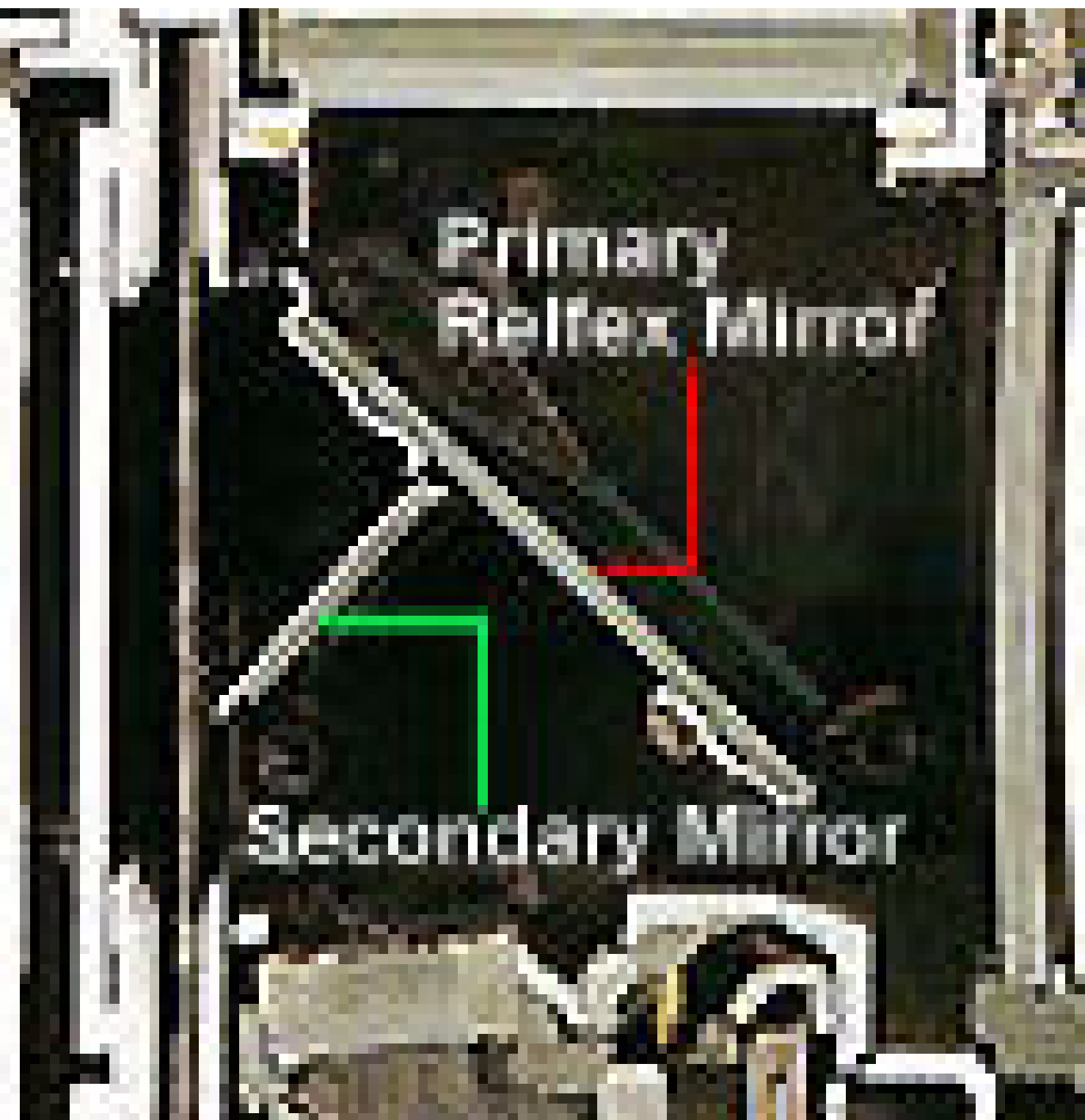


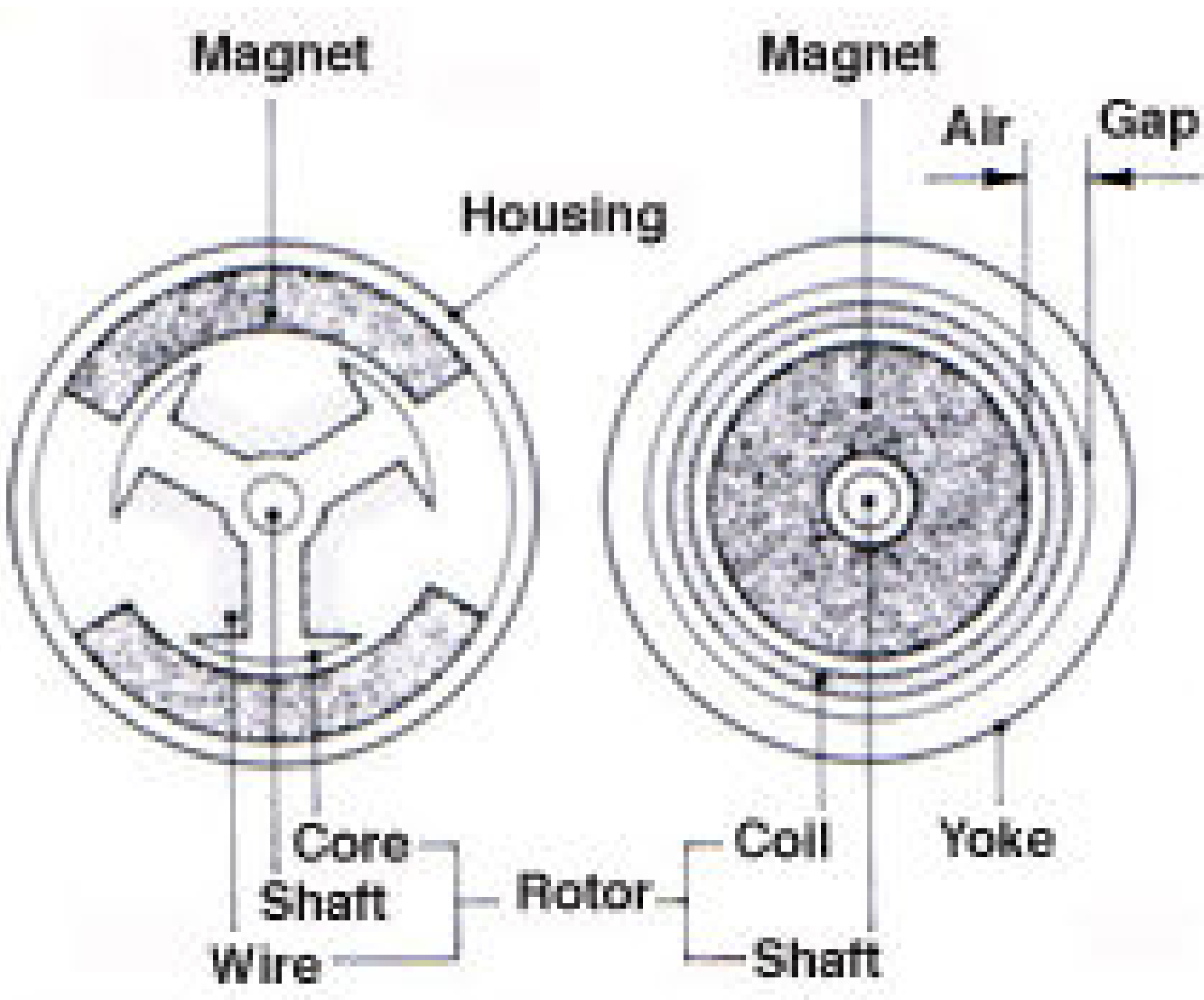




Mirror balancer



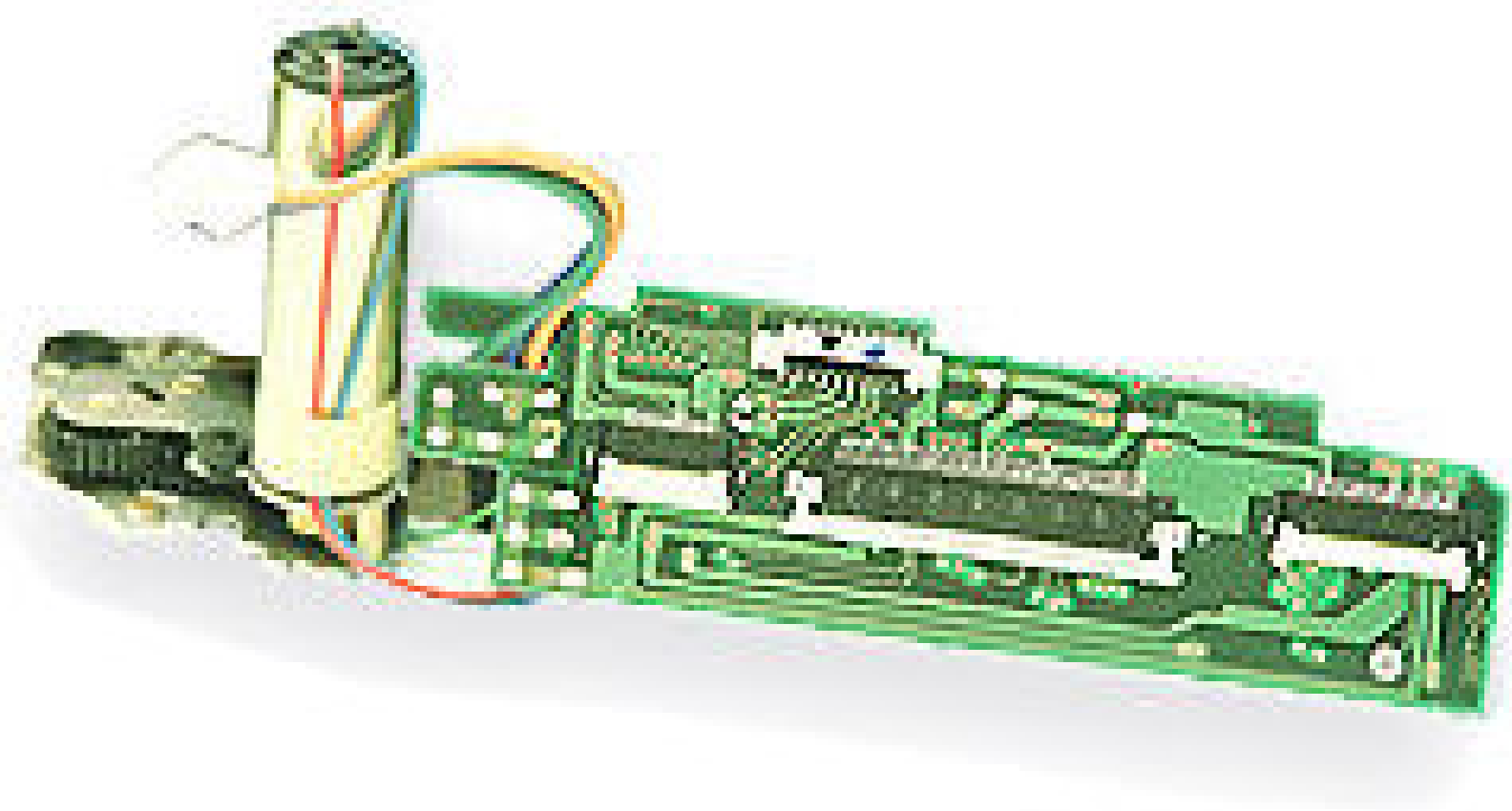




CORED MOTOR CORELESS MOTOR



CORELESS MOTOR

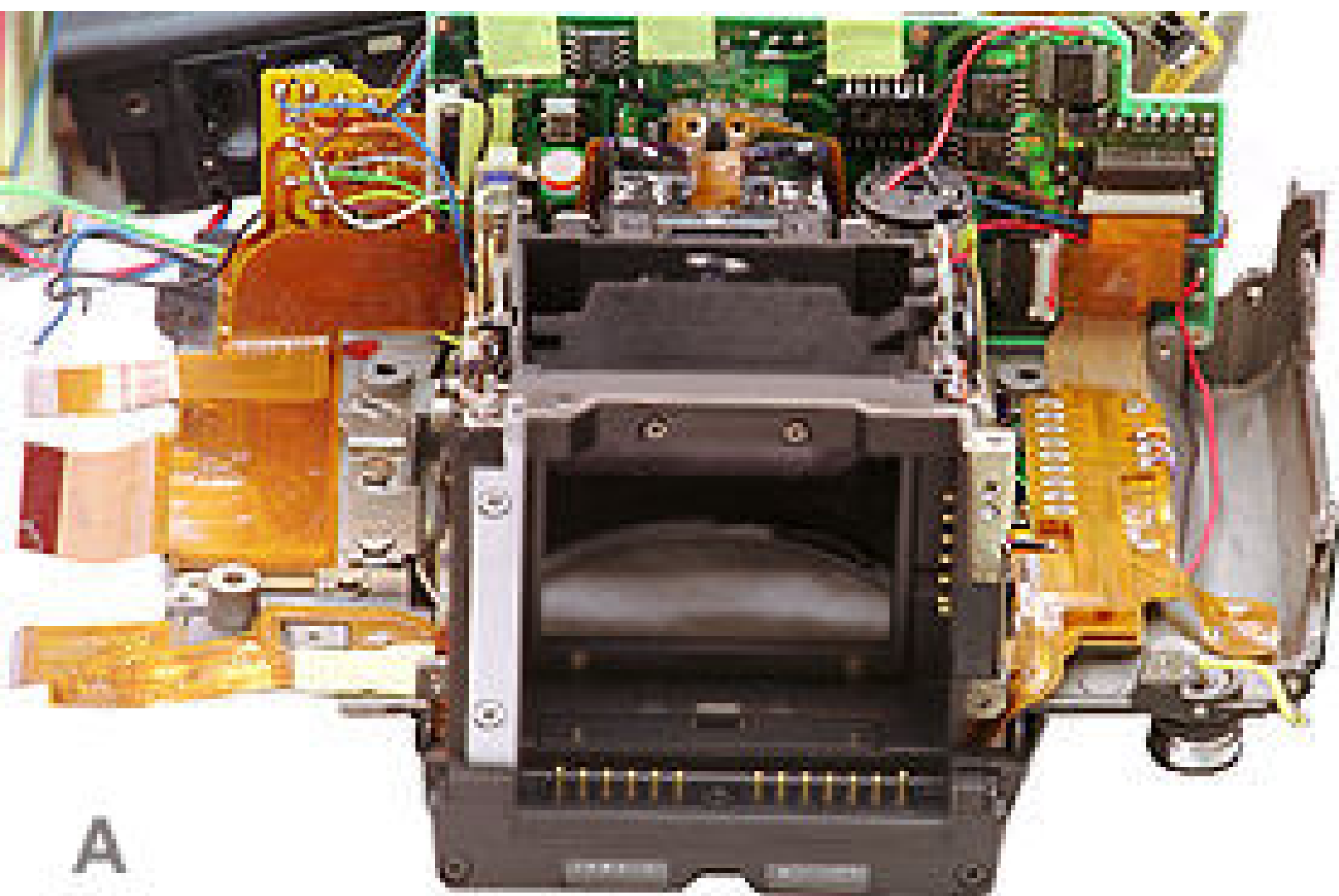






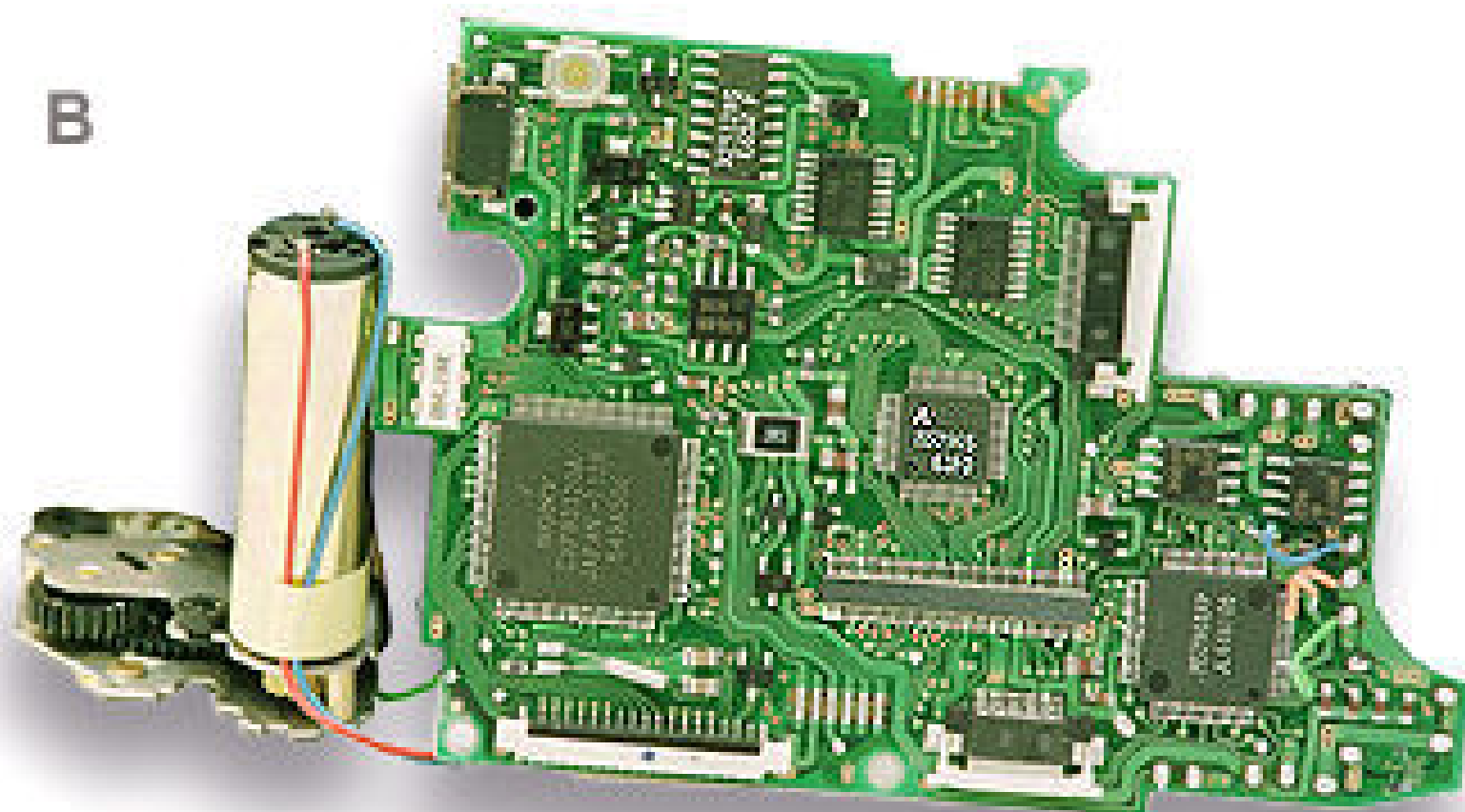


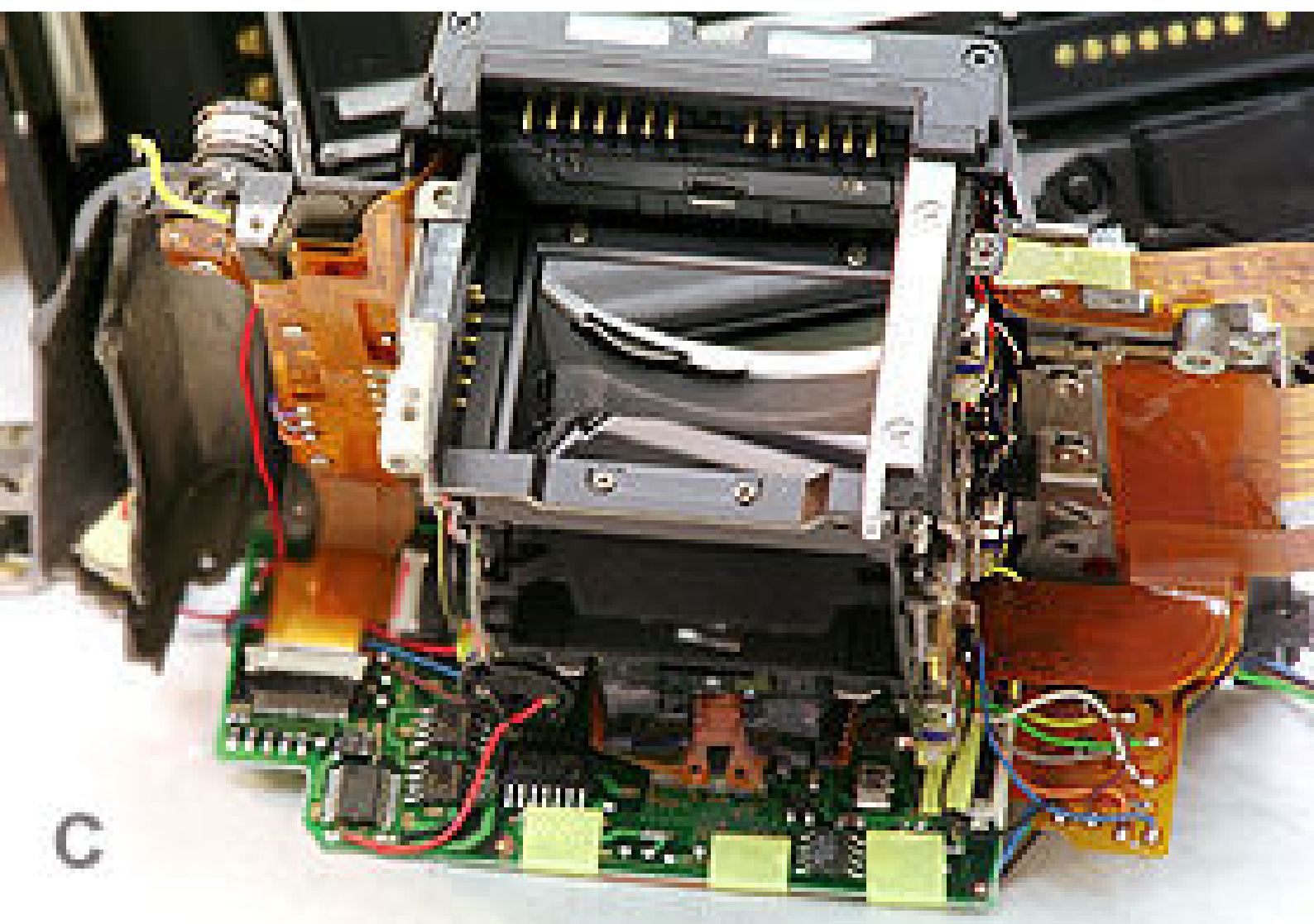
Credit: Mr kitamura



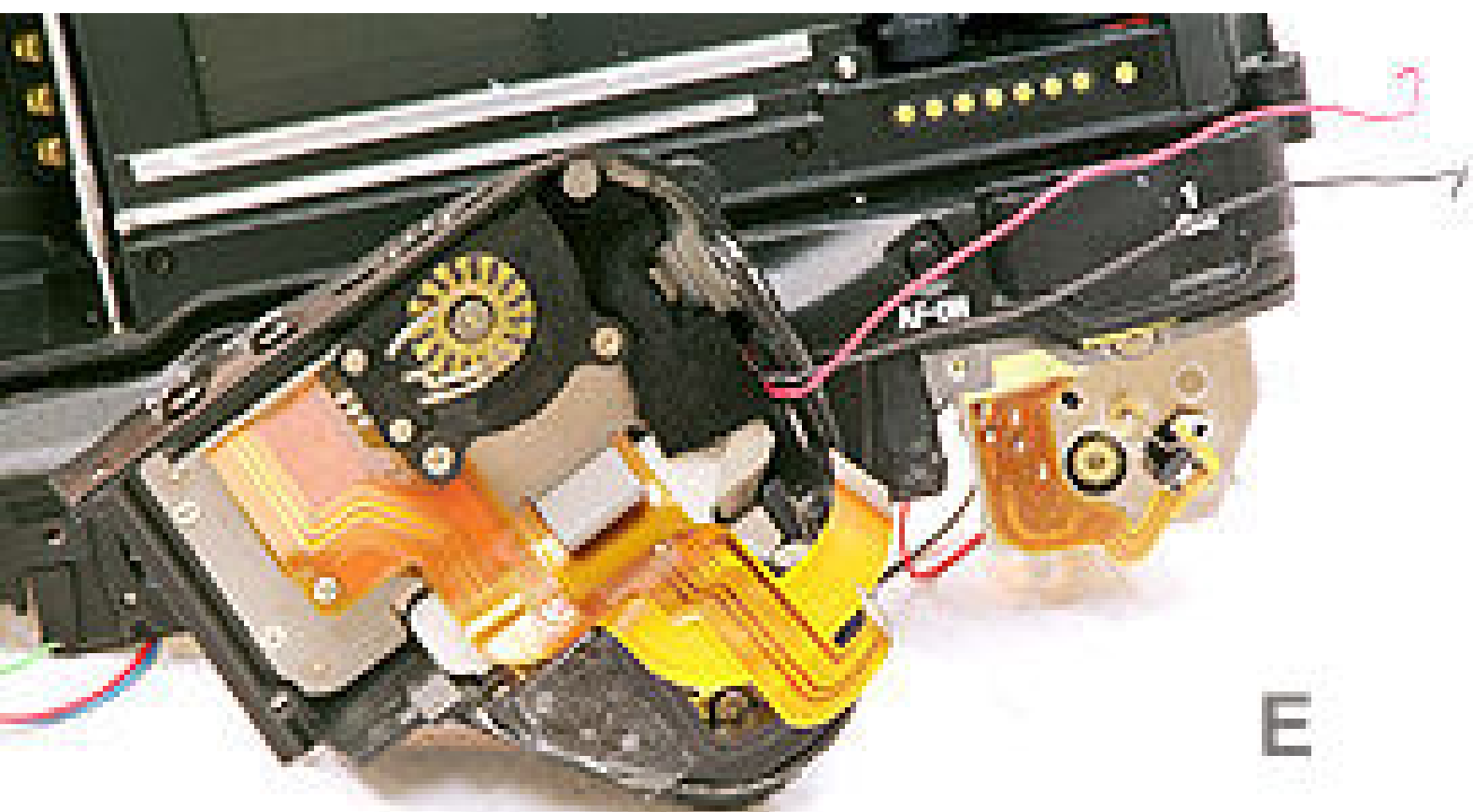
A

B



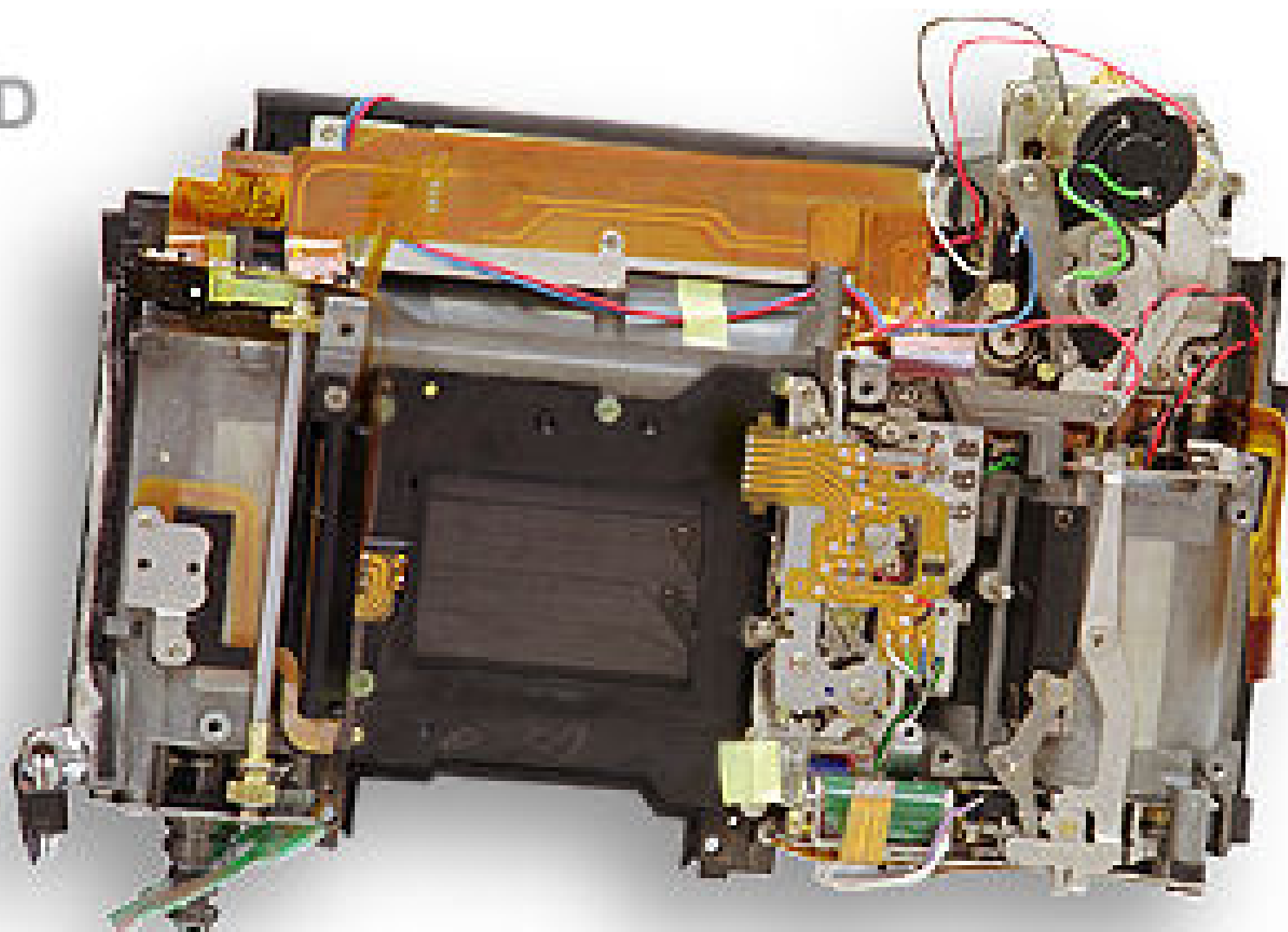


C



E

D



F



