

CANON AE FINDER FN

Fig. 1—top view, top cover removed

Fig. 2—front view, top cover removed

Fig. 3—top view, meter block removed

Fig. 4—top view, prism removed

ADJUSTMENT LOCATIONS:

Meter, rotational position	A
Stop, scale mirror	B
Alignment, f/stop calibration	C

ADJUSTMENT VALUES:

Meter rotational position: With 326 microamperes through the coil (between red-wire connection and ground), the needle should center on the black "4" calibration. Use the same test set-up as shown for adjusting the meter position in the new F-1 (Fig. 22 of F-1 article).

Scale-mirror stop: The setscrew adjustment raises or lowers the image of the shutter-speed scale seen through the finder. Turning in the setscrew moves the scale image up (closer to the focusing screen). The scale image should approximately center on the black mask below the screen.

Alignment, f/stop: With the new-style Canon lenses, the mirror at the front of the prism reflects the image of the f/stop calibration (on the lens) into the finder. Adjust so that the f/stop calibration centers in the f/stop window.

DISASSEMBLY SEQUENCE:

1. unscrew eyelens cover ring
2. remove cemented mask around eyelens
3. remove eyelens frame (4 screws)

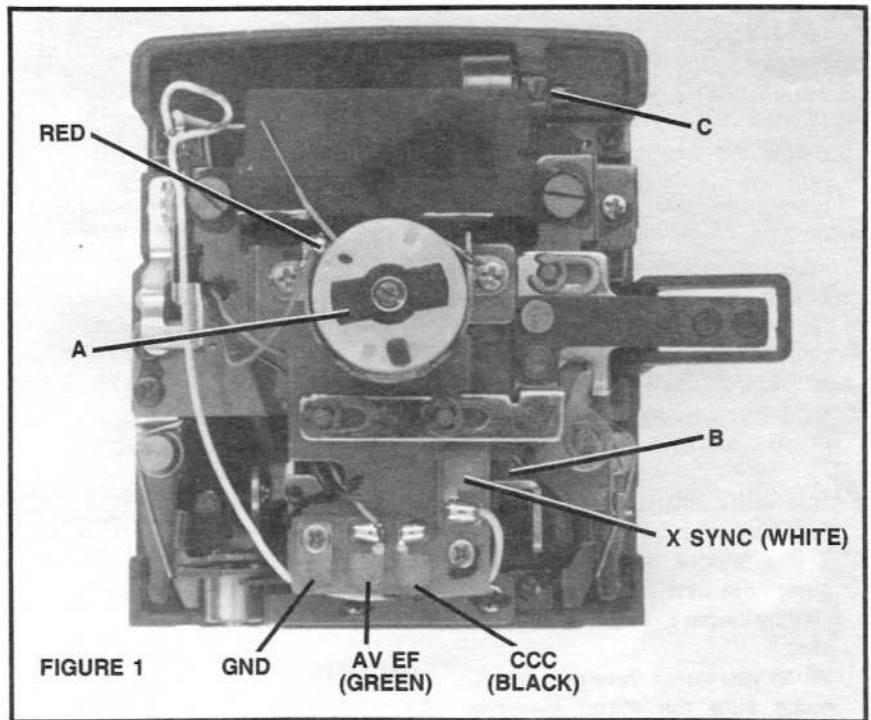


FIGURE 1

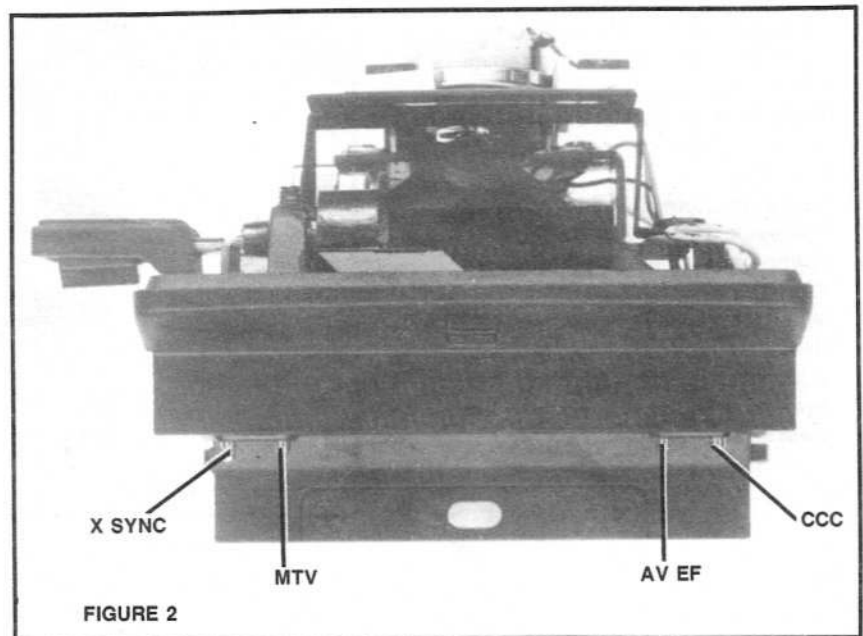


FIGURE 2

4. remove eyelens
5. remove eyepiece-blind lever (cemented insert, 1 screw)
6. remove 2 latch buttons, 1 on each side of finder (unscrew retaining bushings)
7. remove 4 top-cover screws
8. remove trim plate and gasket, bottom side (between top cover and die casting)
9. remove flat detent spring for eyepiece blind (1 screw, back of finder)
10. remove coil spring for scale mirror
11. remove screw holding sync-safety switch
12. remove round rail-pressure pin (under sync-safety switch)
13. remove 4 screws holding meter block (2 at front, 2 at back)
14. lift aside meter block, Fig. 3
15. lift out spring for rail-pressure pin, Fig. 3
16. remove rail-pressure pin, Fig. 4
17. remove prism bracket (3 screws)—rewind-side finder latch loose
18. remove prism—shim loose, front of prism

REASSEMBLY HIGHLIGHTS:

1. If you remove the finder-contact pins, note that the X-sync pin is slightly longer than the other three pins.
2. When you install the meter block, make sure the mirror-operating lever sits behind the tab on the scale mirror.
3. Replace the sync-safety switch with its lower contact on top of the round rail-pressure pin. When the rail-pressure pin is pushed up, it should close the sync-safety switch.
4. Install the front end of the top cover first.
5. Install the eyelens with the negative element of the compound lens to the back.
6. Apply moisture proofing between the eyelens and the die casting (Canon recommends oil retardant OBF-10).
7. When you install the eyelens frame, make sure the notch goes down.
8. Cement the mask around the eyelens with the thin edge to the wind side.

