

to the outside through these controls. In the outer case, windows are provided for viewing the miniature shutter, the calibrated dissolve indicator, the footage to alter, footage counter, and the frame counter.

1-5. CAMERA BOX (See figures 3 and 4.) The camera box is divided longitudinally into two compartments. The left-hand and/or operating side contains the film magazine mechanism. The right-hand side contains movement drive shaft, two gears, plunger, and film buckle trip plunger. On the BNC, also, contains the dissolve lock tension adjusting knob and electrical connector. The operating side has a door hinged at the bottom. The focusing tube is an integral part of this door. The handle is attached to the door side by means of two thumb screws and a sliding latch mechanism. On top of the camera is a recessed plate for attaching the film magazine and an opening through which the film is drawn from the magazine to the film compartment of the camera. A dust plate is provided to cover this opening when the magazine is not in place.

1-6. CAMERA BASE (A/C) (See figure 3.) The upright section of the camera base holds the lens turret and contains the four-way matte mechanism. A slot for insertion of gelatin filters is located at the rear of the view finder dovetail support. The horizontal sec-

tion of the base incorporates the gibs and tracking mechanism for shifting the camera box from side to side. The camera box may be shifted from the photographing position (left) to the focusing position (right) by operating the release button and handle on the rear of the base. A locating plunger in the base fits into either of two recesses in a locating plate beneath the camera box to position the box accurately in photographing or focusing position. The view finder is mounted in a dovetail socket on the upright section of the base; a bracket on the horizontal side of the base serves to support the view finder. This bracket has provisions for adjusting the finder for parallax. A spirit level is installed on the rear edge of the camera base.

1-7. CAMERA BASE (B/C) (See figure 4.) The camera base is similar to the NC camera base and is installed within the outer case. There is a spirit level, but the spirit levels are mounted individually on the outer case and held in position by a bayonet-type lock. A filter slot is located on the left side of the upright section of the camera base. BNC cameras incorporate the spirit level in the outer case main housing.

1-8. The main drive shaft of the movement extends through to the right-hand section of the camera box.

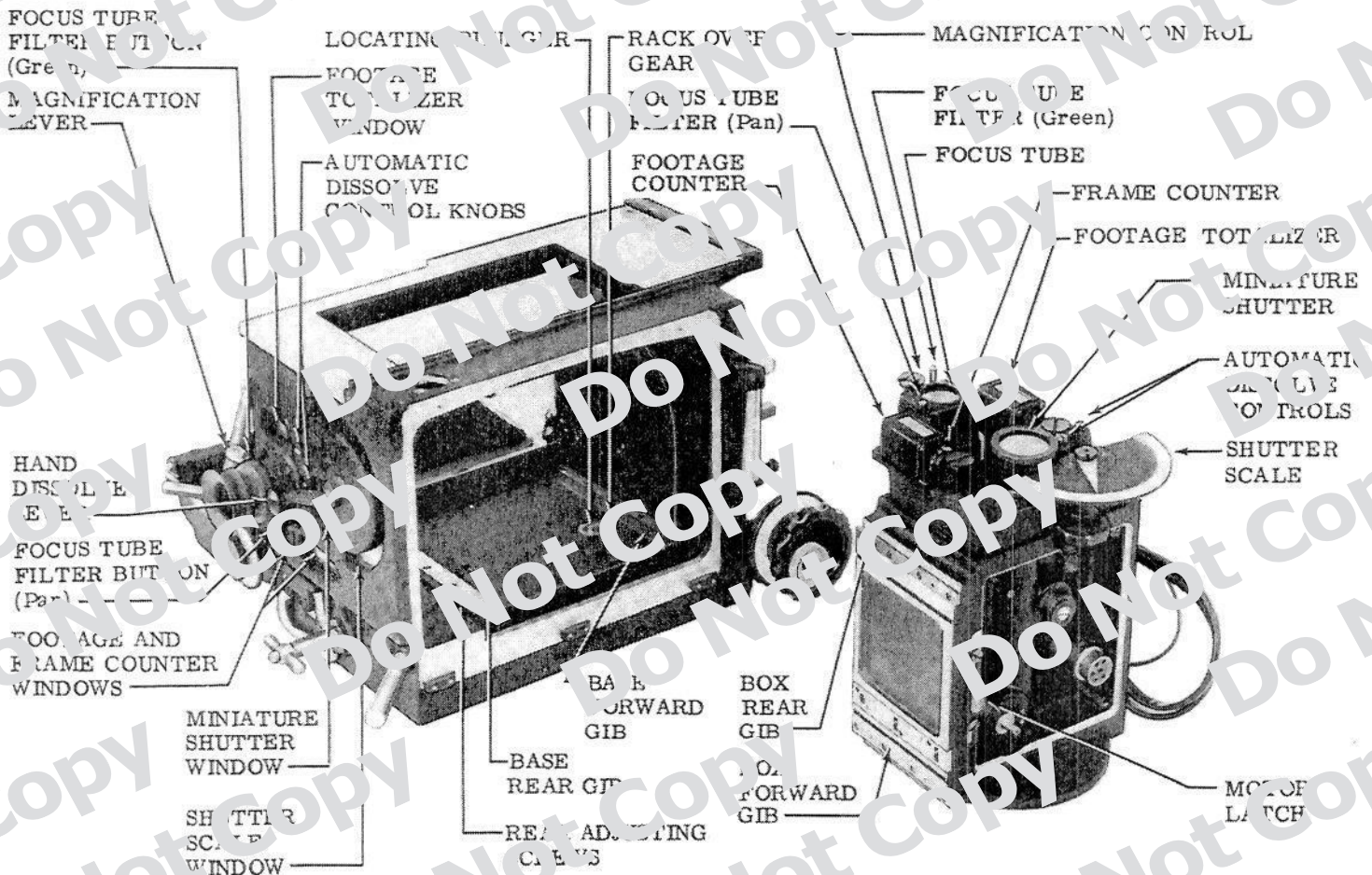


Figure 4. Camera Box and Base (BNC)