

Falcon Gauge 3 Point Sensitive Altimeter Adjustment Instructions

The adjustment can be done either with the altimeter in the panel or removed from the panel.

Before starting to make the adjustment, please be sure to obtain an updated and accurate barometric pressure reading and be certain what your exact altitude is as you make the adjustment.

- I. Making the adjustment without removing the altimeter from the panel
 1. Begin by first setting the altimeter to the exact altitude of the field by turning the knob. (Figure 3)
 2. Locate the screw near the main adjusting knob, just to the left and a little above on the instrument bezel. (Figure 3)
 3. Remove the screw using a screwdriver.
 4. Separate the gear Part No.1 (Ref. Figure 1) from the shaft by using a small tweezers or screwdriver (care needs to be taken, only use the tool small enough to get into the screw hole)
 5. Pull out on the adjustment knob and turn it to change the barometric reading in the Kollsman window without changing the altitude setting. You may have to try this a couple of times because when you release the adjusting knob it must fit between some gears as it snaps into place it may move the setting slightly.
 6. Use the small tweezers or screwdriver to slide part no. 1 back into its original position. You may have to re-align it with the viewing hole, in order to reposition the screw.
 7. Re-tighten the adjustment screw.

- II. Making the adjustment by removing the altimeter from the panel.
 1. Begin by first setting the altimeter to the exact altitude of the field by turning the knob. (Figure 3)
 2. Locate the screw near the main adjusting knob, just to the left and a little above on the instrument bezel. (Figure 3)
 3. Loosen the screw using a screwdriver.
 4. Hold the altimeter in your hand and turn 90° to the left (Figure 5). Pat the back area to have part no. 1 separate from the main gear.
 5. Pull out on the adjustment knob and turn it to change the barometric reading in the Kollsman window without changing the altitude setting. You may have to try this a couple of times because when you release the adjusting knob it must fit between some gears as it snaps into place it may move the setting slightly.
 6. Turn the altimeter 180° (Figure 6) and pat the altimeter to let part No. 1 back to its position.
 7. Re-tighten the adjustment screw.

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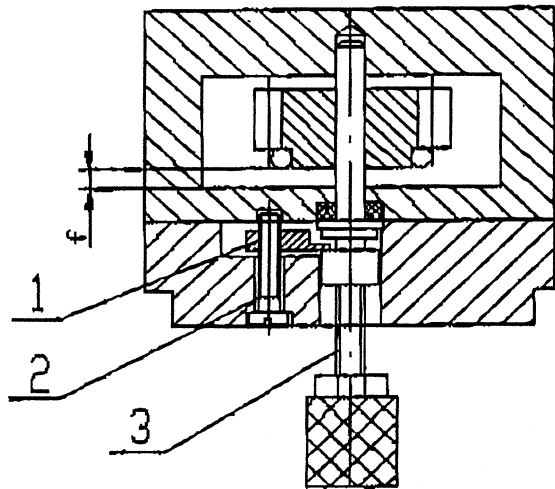


Figure 1

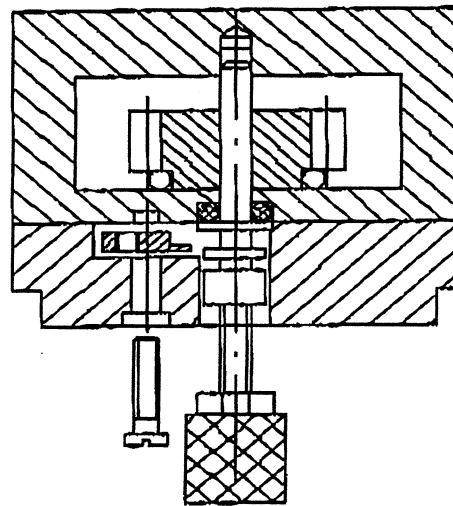


Figure 2

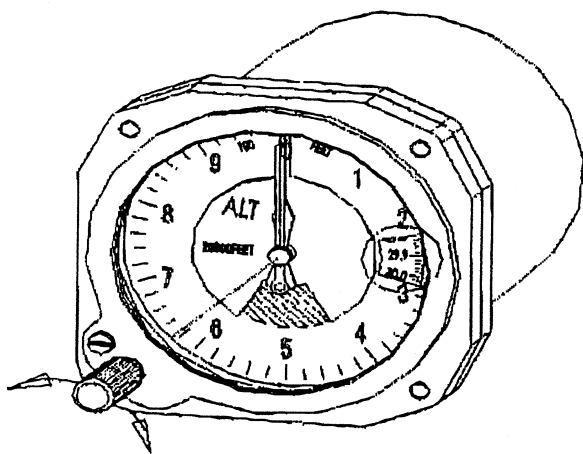


Figure 3

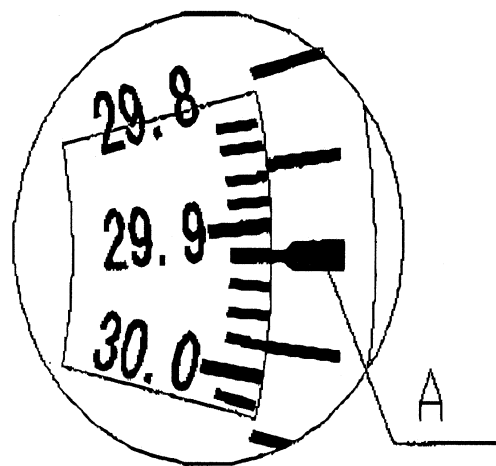


Figure 4

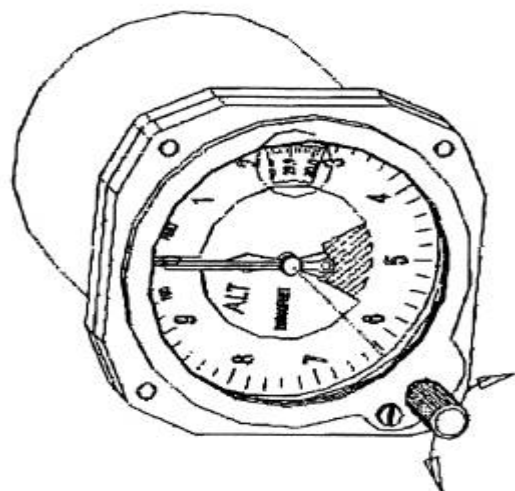


Figure 5

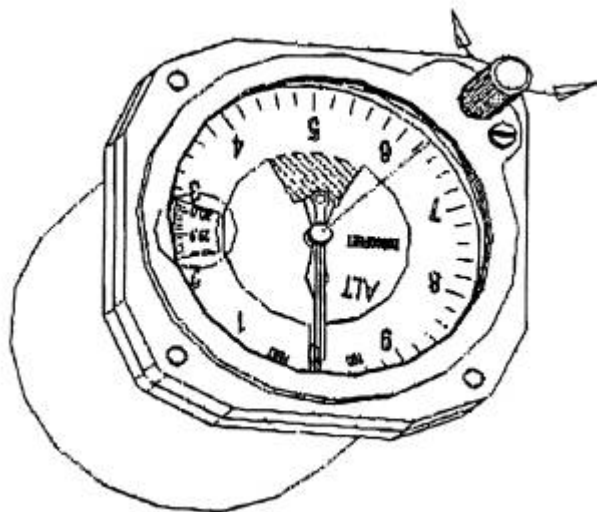


Figure 6