

**INSTRUCTIONS FOR INSTALLING A SPECIAL REAR POSITIONED NON-RESET COUNTER KIT (222-4130) IN A NATIONAL VENDORS<sup>®</sup>, ALL COIN MANUAL RECORDER (ACMR) COIN MECHANISM EQUIPPED CROWN LINE<sup>®</sup>, SERIES 222 OR CABARET 222 MERCHANDISER OR CROWN SEVENTY TWO<sup>®</sup>, SERIES OR GOLDEN FURNITURE LINE 22M-72 MERCHANDISER**

Before starting the work of installing the parts of the Counter Kit in a Merchandiser, carefully and thoroughly read these Instructions. Save the Instructions for future part number reference.

**NOTE**

*The parts of this Kit can only be installed on a National Vendors, Crown Line, Series 222 or Cabaret 222 Manual Cigarette Merchandiser which is equipped with an All Coin Manual Recorder (ACMR) Coin Mechanism or on a Crown Seventy Two, Series 22M-72 or Golden Furniture Line, 22M-72 Manual Cigarette Merchandiser which is equipped with an All Coin Manual Recorder (ACMR) Coin Mechanism.*

The Rear Positioned Special Non-Reset Counter Kit, part number 222-4130, consists of the following parts:

Part Number	Description	Quantity
222-4128	Coin Handling Cam And Stud Assembly attaching part	1
9900-418	Retaining Ring, .187"	1
9900-072	No. 8-32 Self-locking Nut * * *	1
222-4132	Non Reset Counter And Bridge Assembly attaching part	1
9900-046	Screw No. 8-32 x 1/4" RH Slot Self-tapping * * *	2
222-4614	Counter Rod Assembly attaching part	1
9900-425	Retaining Ring, .250 * * *	1
222-4131	Installation Instruction * * *	1

**TO INSTALL THE PARTS OF THE KIT:**

1. Unlock the Cabinet Door.
2. Remove or open the Cabinet Door. Set the Door Holder Leg when applicable.
3. Remove the Slug Rejector and Coin Mechanism from the Delivery Mechanism.
4. Remove the Upper and the Lower Cigarette Magazine from the Delivery Mechanism.

5. Remove the Delivery Mechanism from the Merchandiser and place the Delivery Mechanism on a cleared flat surface.
6. Remove from the Delivery Mechanism Right Sidewall the 2 No. 8-32 Nuts/lockwasher, the 2 No.8-32 x 1/2" RH Screws and the rear Slug Rejector Bracket and 2 Spacers which the Screws and Nuts attach. See Figure 1.
7. Remove the Retaining Ring which attaches the Coin Handling Bar to the Stud on the upper Coin Handling Cam and remove the Bar from the Cam. See Figure 2.
8. Remove from the Right Sidewall the No. 8-32 Self-locking Nut and Coin Handling Cam Spacer, Coin Handling Cam, and Coin Handling Mounting Screw which the Nut attaches.
9. Install the replacement Coin Handling Cam Assembly, part number 222-4128, on the Right Sidewall. See Figure 2.
  - a. Place the Spacer removed in step 8 between the Cam Assembly and the Sidewall.
  - b. Use the Mounting screw removed in step 8 to attach the Coin Assembly to the Sidewall.
  - c. Attach the Mounting Screw with the No.8-32 Self-locking Nut removed in step 8 or the No.8-32 Self-locking Nut, part number 9900-072, included in the Kit.
10. Place the hole in the end of the Cam Handling Bar over the lower (larger) Stud on the replacement Coin Handling Cam Assembly and attach the Bar to the Stud with the Retaining Ring removed in step 7 or with the Retaining Ring, .187", part number 9900-418 included in the Kit.

**NOTE**

*Be sure the replacement Coin Handling Cam Assembly is under the Guide on the Right Sidewall before the Retaining Ring is installed. See Figure 3.*

11. Remove the 2 No.8-32 x 1/4" RH Self-tapping Screws which attach the Right Sidewall to the upper Sidewall Spacer Channel. See Figure 4.

12. Install the Counter and Bridge Assembly, part number 222-4132, on the Right Sidewall. The two holes in the long Flange on the Bridge are to be in line with the 2 holes from which the Screws were removed in step 11. See Figure 5.
13. Attach the Counter and Bridge Assembly to the Sidewall and Channel with the Screws removed in step 11 or with the 2 No.8-32 x 1/4" RH Self-tapping Screws, part number 9900-046, included in the Kit.

**NOTE**

*Be sure the original thread in the Sidewall Spacer Channel are used when the Screws are installed. The Screws are self-tapping and if improperly installed will, while cutting new threads, "ream" the Screw holes clean making secure assembly impossible.*

14. Insert the Counter Rod Assembly, part number 222-4614, up through the two holes in the "U" shaped Bracket on the Counter Arm. See Figure 6.
  15. Place the loop in the end of the Rod Assembly on the upper Stud on the replacement Coin Handling Cam Assembly installed in step 9. See Figure 7.
  16. Attach the Rod Assembly to the Stud on the Cam Assembly with the Retaining Ring, .250", part number 9900-425, included in the Kit.
  17. Check the spacing between the top Flat Washer on the Operating Rod and the bottom arm of the "U" Bracket on the Counter Assembly. The spacing should be about 1/32". If the spacing is such that the Counter Bracket is not free to complete a count cycle then the Arm on the Counter must be repositioned.
  18. Install the ACMR-100 Coin Mechanism on the Delivery Mechanism Right Sidewall.
  19. Remove the Price Disc from the Coin Mechanism.
  20. Test the operation of the Counter. See Figure 8.
    - a. Record the number on the Counter Dial.
  - b. Depress and hold depressed the Lever in a Ejector Casting Assembly of a lower Pull Knob Assembly and slowly pull the Pull Knob out. Watch the Rack Plate Assembly Ratchet Gear as it rotates toward the rear of the Mechanism. As soon as the Main Ratchet drops off the Gear as it recedes, allow the Pull Knob to slowly return to its at-rest position. The Ratchet Gear will rotate forward. As soon as the Main Ratchet drops off the rear side of the Ratchet Gear, the movement of the Pull Knob will be stopped. The Counter should have advanced one number.
  - c. Repeat steps 20a and 20b. The Counter should operate as indicated in step 20b. If the Counter works properly, the Pull Knob may be allowed to return to its at-rest position.
  - d. If the Counter is not properly activated, reposition the Counter Arm and retest the Counter Operation.
  - e. Repeat step 20 until the Counter operates properly.
21. Install the Price Disc in the Coin Mechanism.
  22. Install the Delivery Mechanism in the Merchandiser.
  23. Install the Upper and Lower Cigarette Magazine in the Delivery Mechanism.
  24. Install the Slug Rejector in the Delivery Mechanism.
  25. Replace or close the Cabinet Door.
  26. Make a purchase from the Merchandiser.
  27. Check the Counter, if the Counter has not properly recorded the vend, recheck the Counter Arm for proper position and action per step 19 through 27.
  28. When the operation of the Merchandiser and the Counter is satisfactory, close and lock the Cabinet door, the Merchandiser is ready for vending.

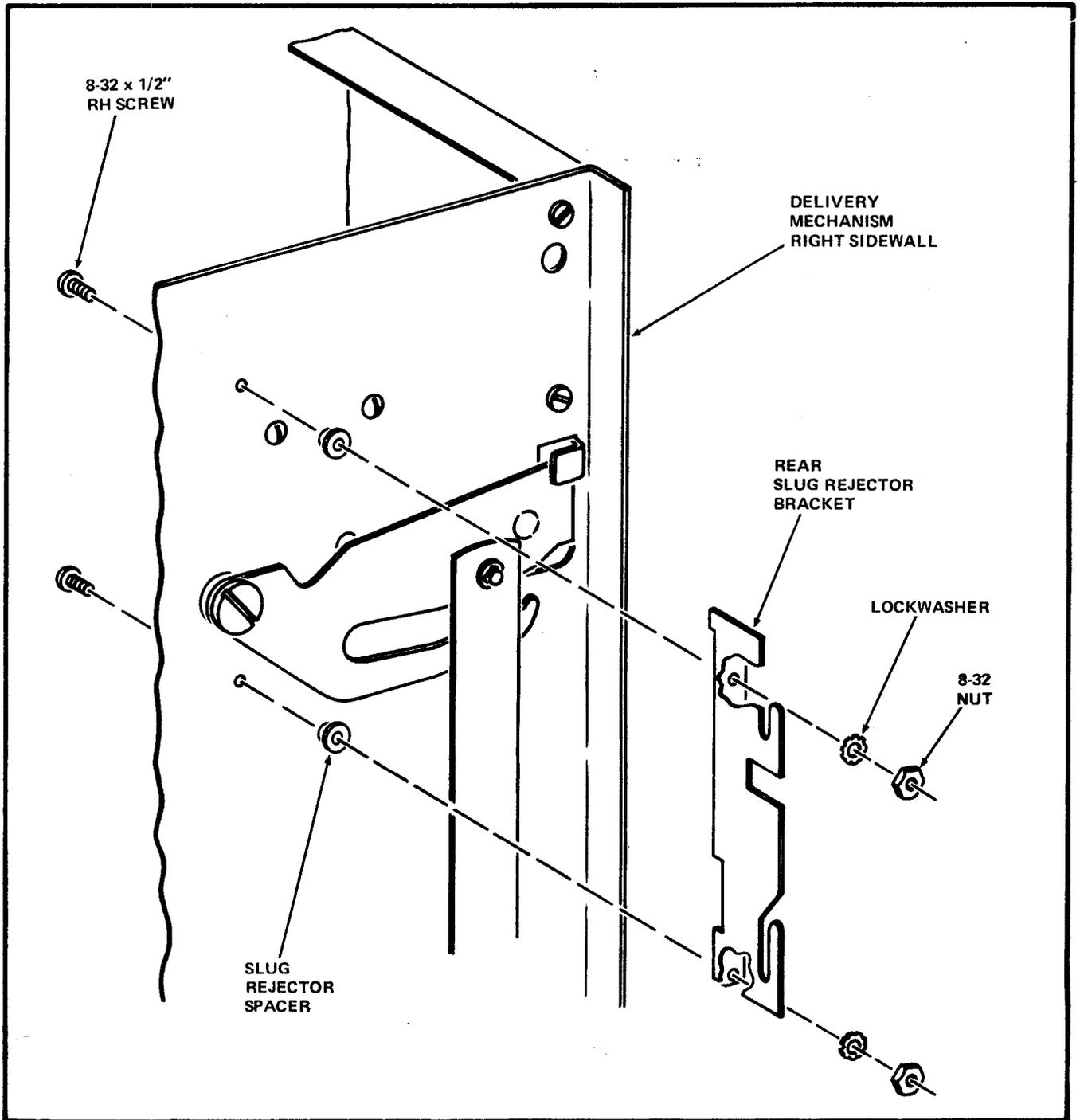


FIGURE 1

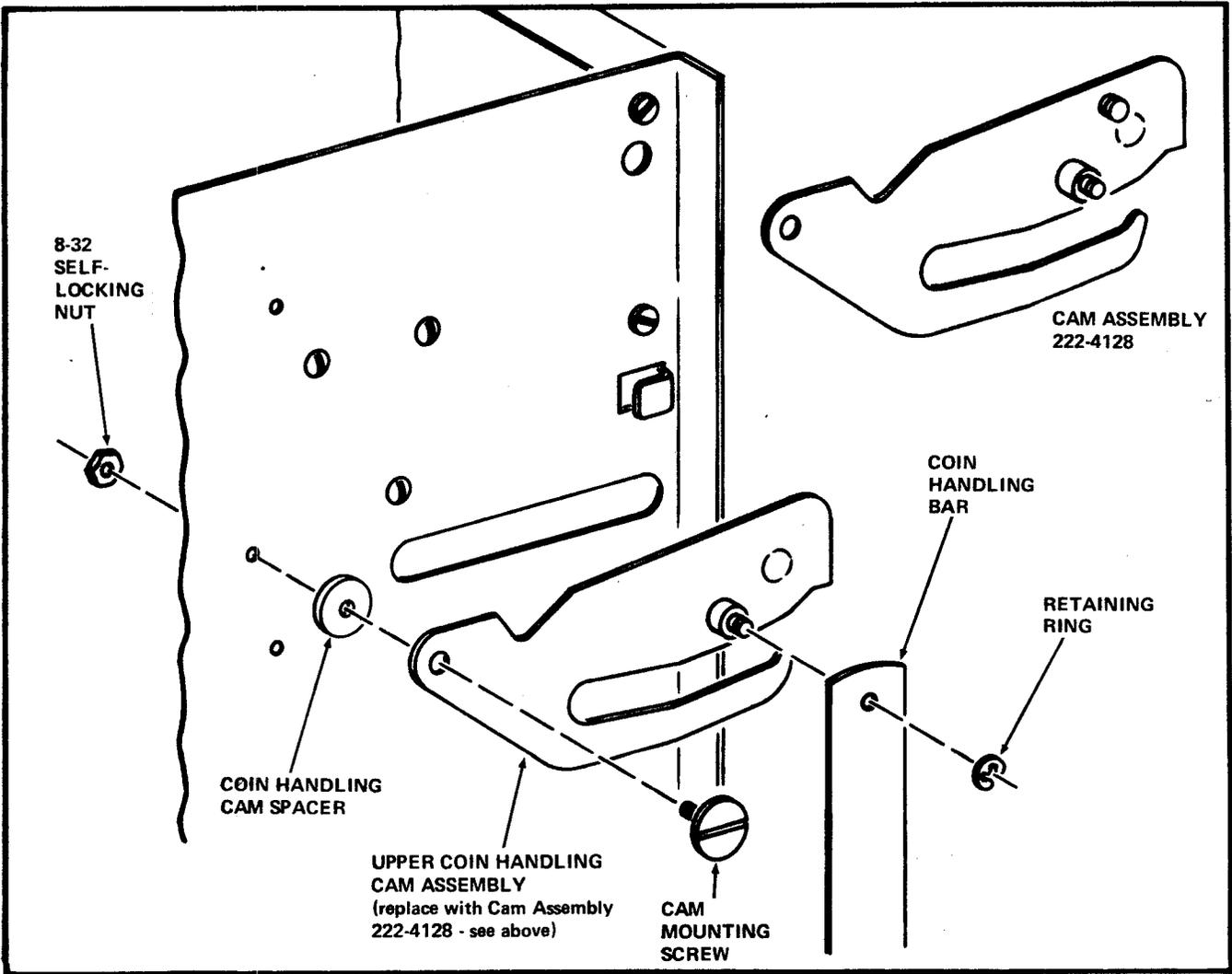


FIGURE 2

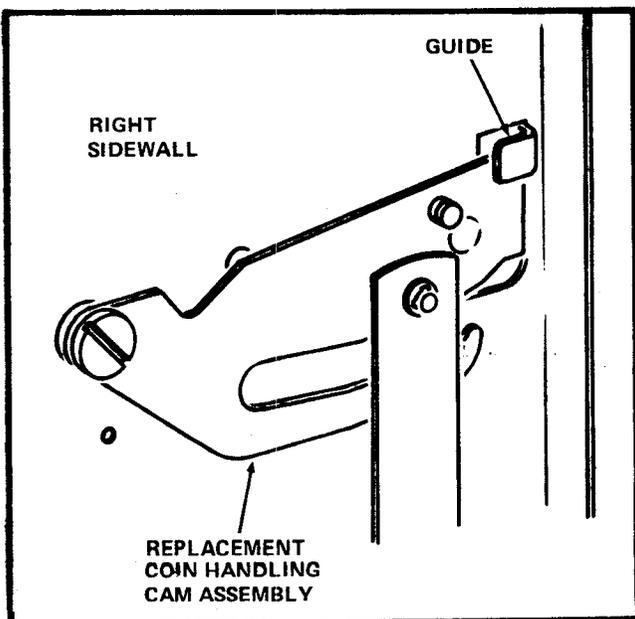


FIGURE 3

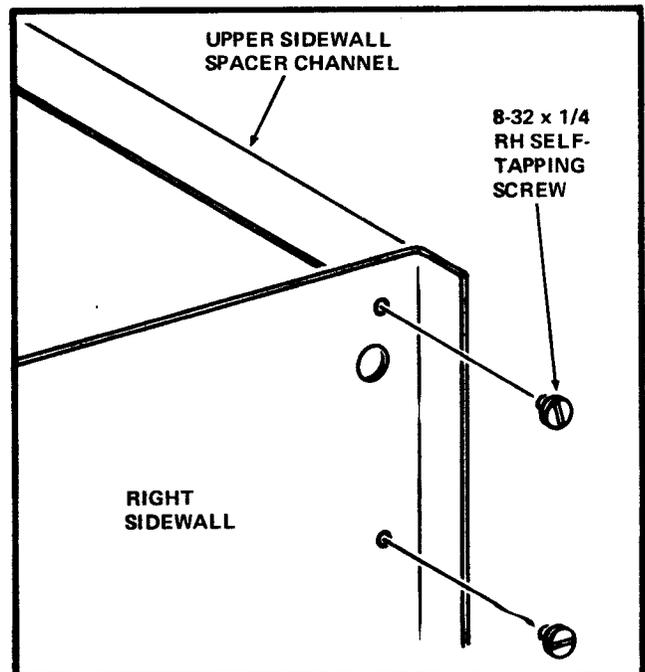


FIGURE 4

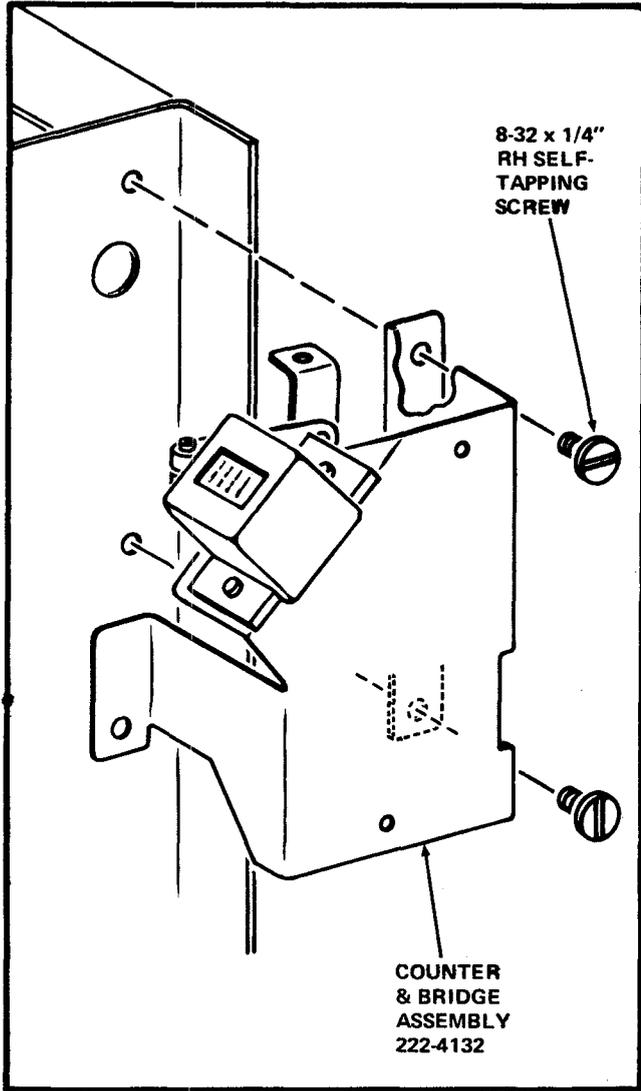


FIGURE 5

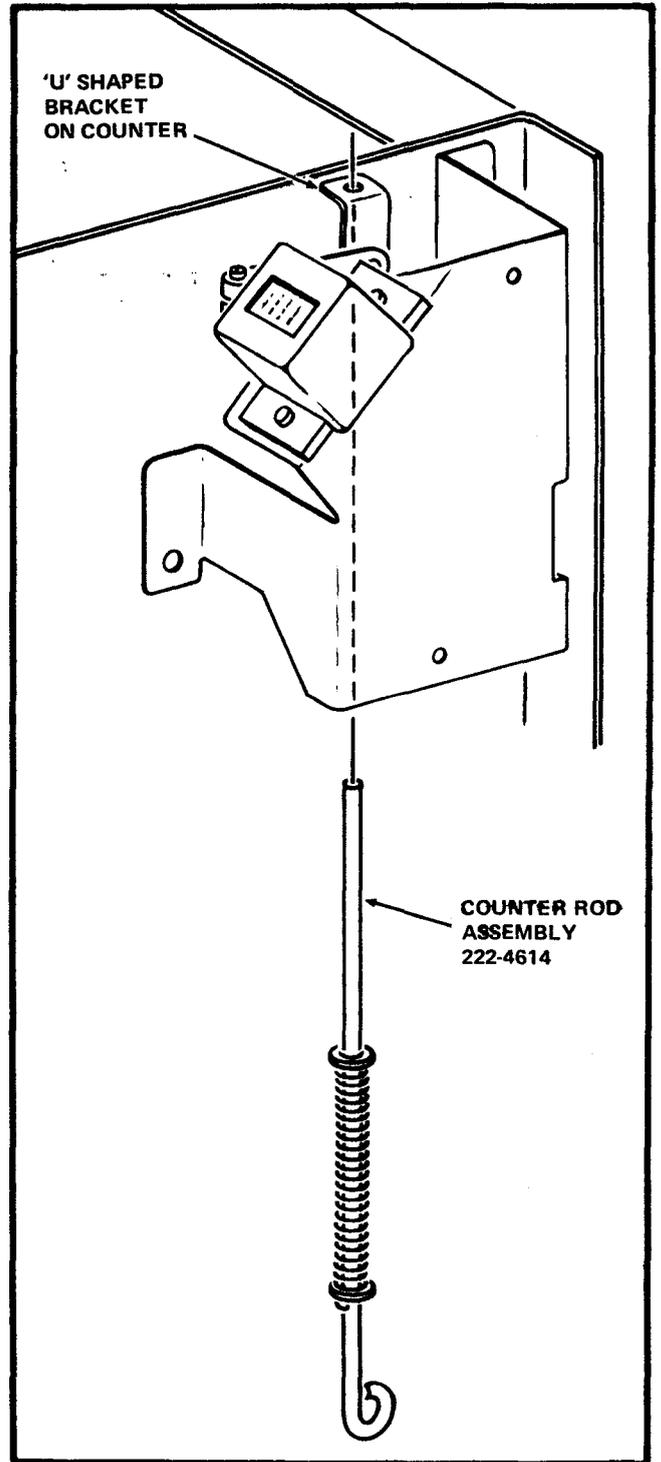


FIGURE 6

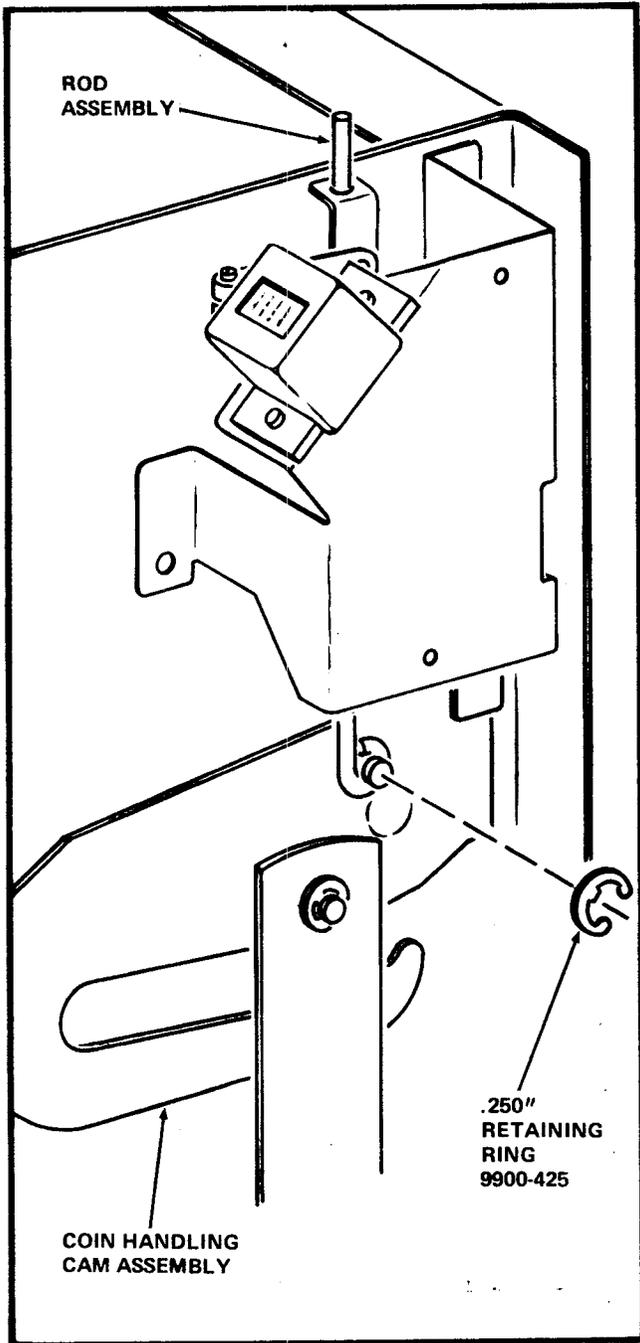


FIGURE 7

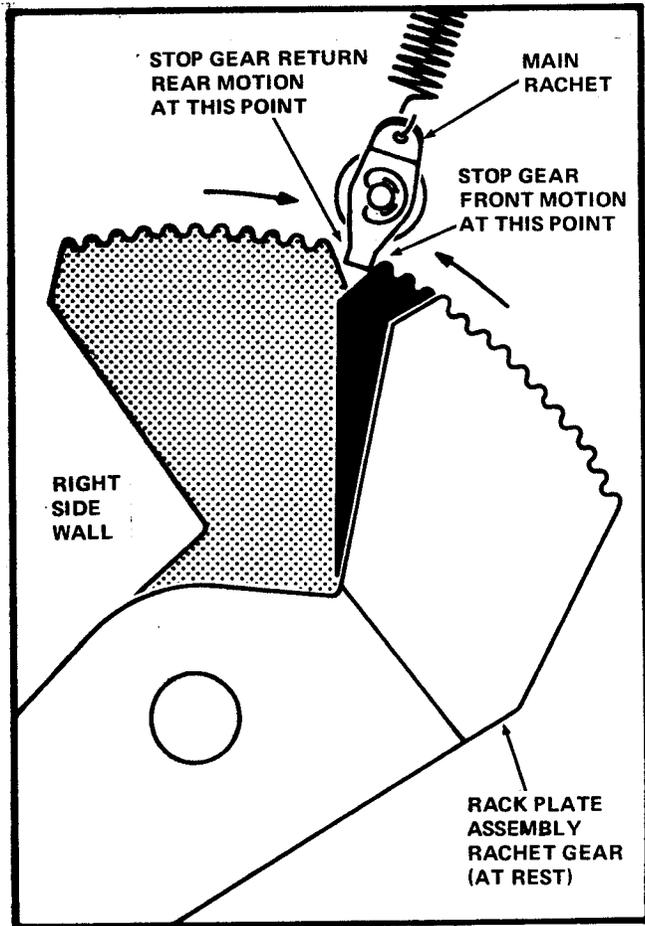


FIGURE 8