KIT PART NUMBER 5305469

INSTRUCTIONS FOR FIELD REPLACEMENT OF A COINTRON CHANGER HOUSING

CHECK THE PARTS RECEIVED IN THE KIT WITH THE PARTS LIST IN THESE INSTRUCTIONS. IF ANY PARTS ARE MISSING, CONTACT NATIONAL VENDORS' PARTS DEPARTMENT IMMEDIATELY.

Read these instructions carefully before installing the kit.
Retain these instructions for part numbers and for future reference.

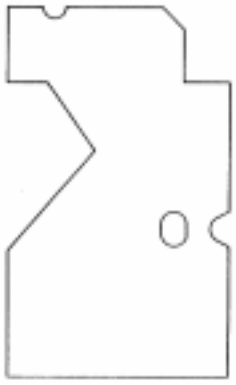
This kit contains the following:

INDEX	PART NUMBER	DESCRIPTION	QUANTITY
1	5305464	Housing, COINTRON changer	1
2	5305366	Toggle, quarter channel	1
3	5305465	Channel, quarter	1
4	5305343	Cover, Lower Channel Dollar	1
-	5305470	Instructions	1

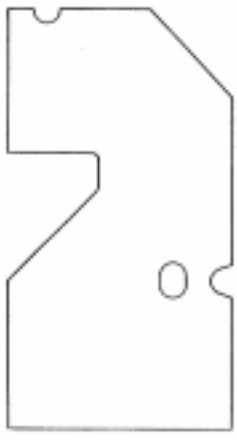
THESE PARTS ARE IDENTIFIED AND NUMBERED IN FIGURE 2.

APPLICATION

This changer housing can only be used with a NEW STYLE PC Board. Remove the back cover of your present changer and compare the shape of the current PC Board with the illustrations below.



OLD STYLE PC BOARD



NEW STYLE PC BOARD

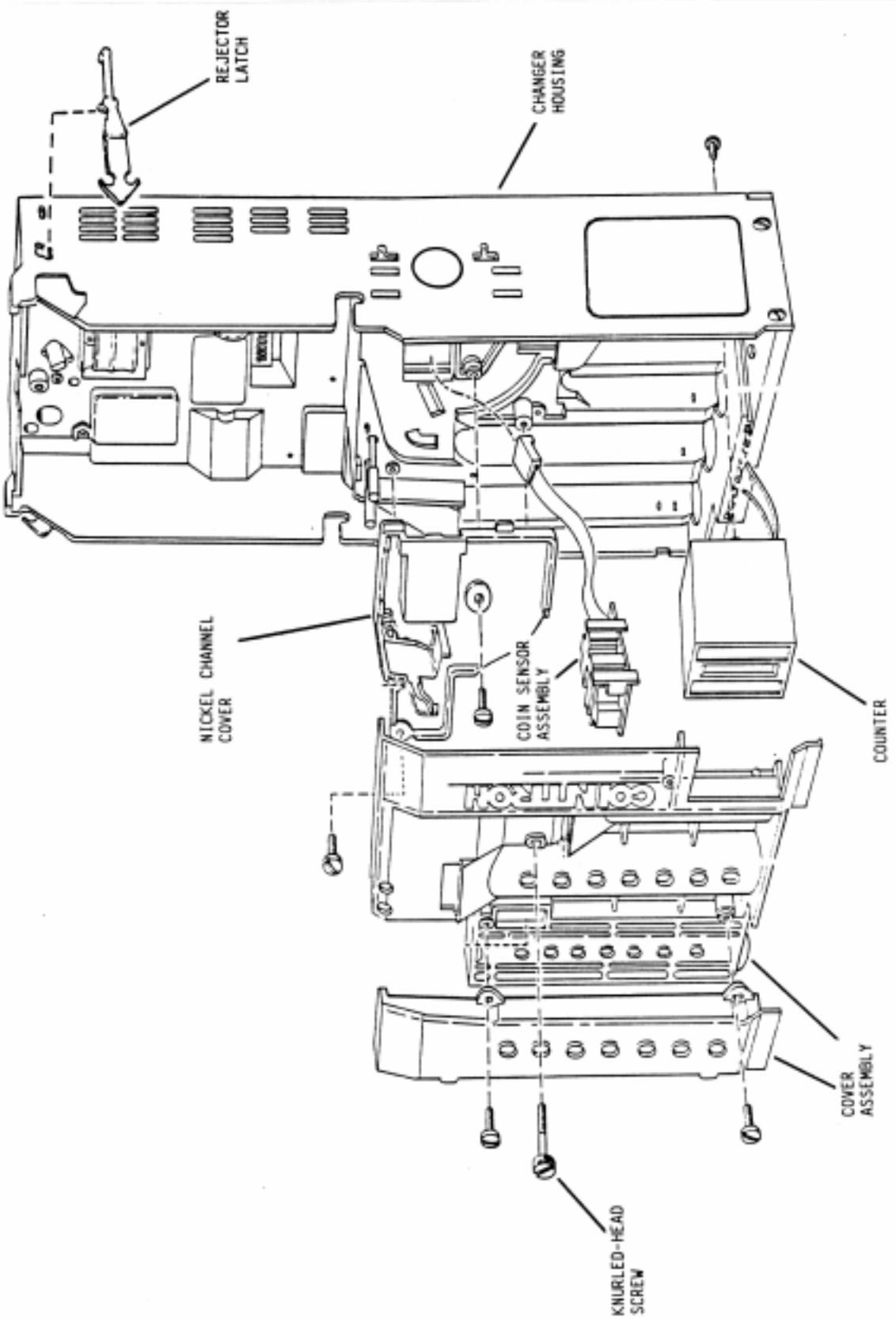
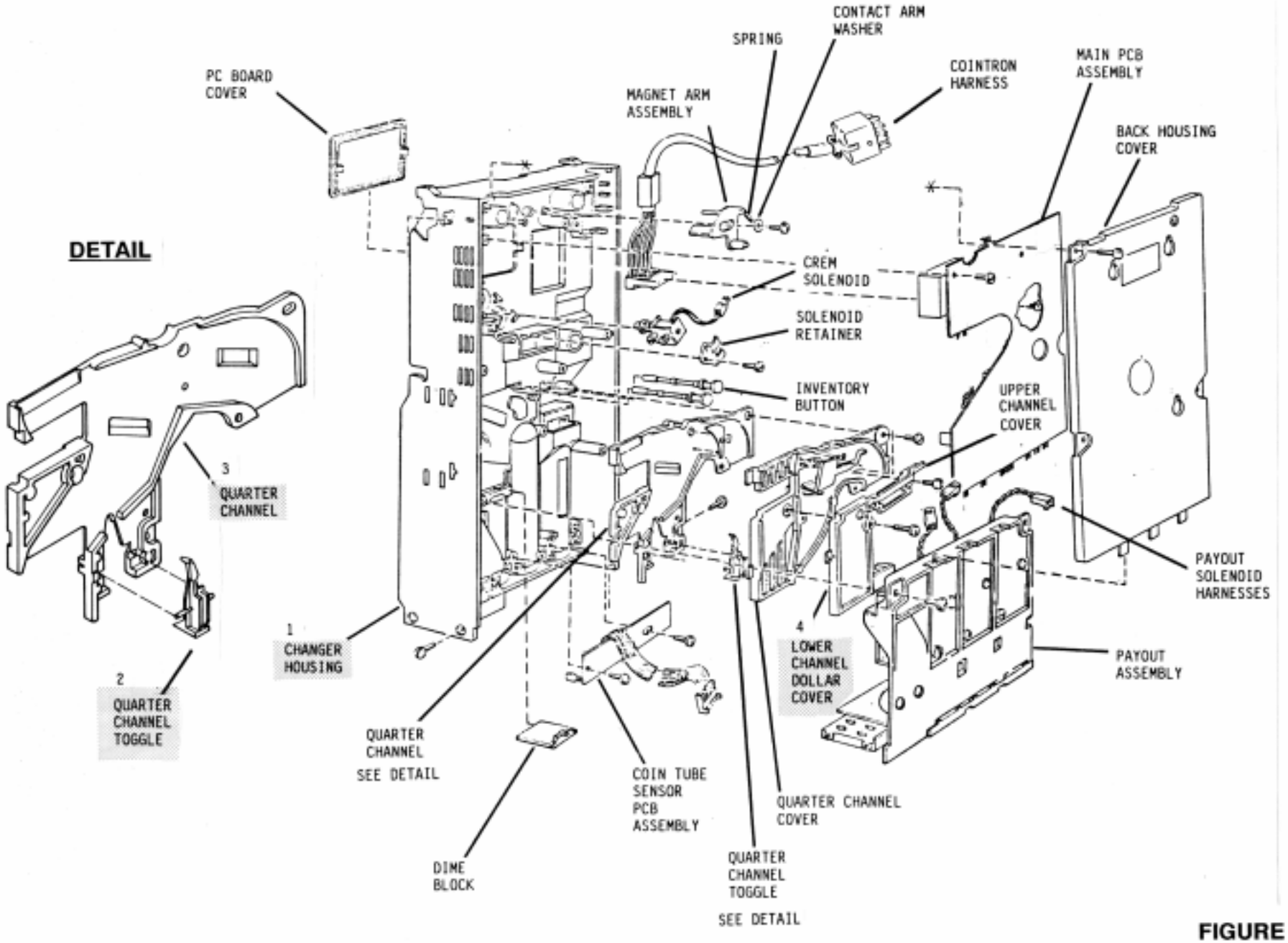

REJECTOR LATCH
CHANGER HOUSING
NICKEL CHANNEL COVER
COIN SENSOR ASSEMBLY
COUNTER
COVER ASSEMBLY
KNURLED-HEAD SCREW

FIGURE 1



5305470

FIGURE 2

Refer to Figures 1 and 2 during these procedures.

REMOVING THE ORIGINAL COINTRON UNIT FROM THE VENDING MACHINE

1. Turn the main power switch to the OFF position.
2. Disconnect the *COINTRON* harness from the vending machine controller.
3. Remove the *COINTRON* unit from the vending machine.

REMOVING COMPONENTS FROM THE ORIGINAL HOUSING

NOTE

As you disassemble your COINTRON unit, observe the placement of components. We recommend that reassembly be completed immediately after disassembly. Component placement will still be fresh in your mind.

NOTE

Your COINTRON unit may have additional parts which are not included in this procedure. These parts should be removed and replaced at the appropriate time. Use your judgement.

1. Press down on the two Rejector Latches and lower the coin validator.
2. Remove the coin validator from the *COINTRON* unit.
3. Remove the four screws that secure the Back Housing Cover to the housing.
4. Disconnect the Payout Solenoid Harnesses from the main PCB assembly.
5. Disconnect the Coin Tube Sensor Ribbon Wire from the main PCB assembly.
6. Disconnect the CREM Solenoid from the main PCB assembly.
7. Disconnect the Coin Sensor Ribbon Wire from the main PCB assembly.
8. Disconnect the Counter Harness from the main PCB assembly.
9. Loosen the knurled-head screw that holds the Cover Assembly to the changer housing. Remove the cover and counter assembly.
10. Remove the three screws that secure the Main PCB Assembly to the housing. Remove the PCB assembly.
11. Remove the Inventory Button on Model 500. Remove both buttons on Models 510, 525BA, 525C and 525E.
12. Remove the screw that secures the CREM Solenoid and the Solenoid Retainer to the housing. Remove the solenoid and the retainer.
13. Remove the six screws that secure the Payout Assembly to the housing. Remove the payout assembly.
14. Remove the screws that secure the Coin Tube Sensor PCB Assembly to the housing.
15. Carefully lift the sensor PCB assembly straight up to avoid damaging the sensors.
16. Remove the two screws that secure the Nickel Channel Cover to the housing. Remove the nickel channel cover.
17. Slide the Coin Sensor Assembly out of the housing.

18. Remove the screw that secures the Upper Channel Cover to the quarter channel cover. Remove the upper channel cover.
19. Remove the three screws that secure the Quarter Channel Cover to the housing. Remove the quarter channel cover.
20. Remove the PC Board Cover on Models 3000 and 3024 only.
21. Remove the two Rejector Latches.
22. Remove the screw that secures the Magnet Arm Assembly and the Contact Arm Washer to the housing. Remove the arm assembly and the washer.
23. There is a Spring between the magnet arm assembly and the housing. Disconnect the spring from the housing.

INSTALLING COMPONENTS IN THE NEW HOUSING

1. Connect the Magnetic Arm Spring to the housing.
2. Position the Magnetic Arm Assembly and the Contact Arm Washer as shown. Secure the arm and washer to the housing using the screw previously removed.
3. Position the CREM Solenoid and the Solenoid Retainer as shown. Secure the retainer and the solenoid to the housing using one screw.
4. Position the new Quarter Channel in the housing as shown. Use one screw to secure the channel in place.
5. Position the new Quarter Channel Toggle in the quarter channel as shown in the detail in Figure 2.
6. Position the Quarter Channel Cover as shown. Use three screws to secure the cover in place.
7. Position the new Lower Channel Dollar Cover as shown. Secure the dollar cover to the quarter channel cover with one screw.
8. Position the Upper Channel Cover as shown. Secure the upper channel cover to the quarter channel cover using one screw.
9. Slide the Coin Sensor Assembly into place as shown.
10. Position the Nickel Channel Cover as shown. Secure the nickel channel cover to the housing using two screws.
11. Install the PC Board Cover on Models 3000 and 3024.
12. Install the two Rejector Latches.
13. Carefully slide the Coin Tube Sensor PCB Assembly into position. Secure it to the housing using the screws removed previously.
14. Slide the Counter into the housing.
15. Secure the Counter to the housing using two screws.
16. Insert the Inventory Buttons as shown. On Model 500, the button goes in the right hole. A number "1" is molded into the housing near this hole. On Models 510, 525BA, 525C and 525E a button goes in each of the holes.
17. Position the Main PCB Assembly as shown. Secure the PCB assembly to the housing using three screws.
18. Connect the Coin Tube Sensor Ribbon Wire to the main PCB assembly.
19. Connect the CREM Solenoid to the main PCB assembly.
20. Connect the Coin Sensor Ribbon Wire to the main PCB assembly.
21. Position the Front Cover and Counter Assembly as shown. Feed the counter harness through the changer housing. Secure the front cover to the housing using the knurled-head screw.
22. Connect the Counter Harness to the main PCB assembly.
23. Connect the Payout Solenoid Harnesses to the main PCB assembly.
24. Position the Payout Assembly as shown. Secure the payout assembly to the housing using six screws.
25. Position the Back Housing-Cover as shown. Secure the cover to the housing using four screws.