

35 NON-TYPING REPERFORATOR
DISASSEMBLY AND REASSEMBLY

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1. GENERAL

1.01 Disassembly as outlined in this section covers a procedure for removing the principal sub-assemblies which make up the unit.

1.02 The technician should refer to the exploded views found in the appropriate parts literature for an illustration of the mechanism to be disassembled, for location and visual identification of parts and detailed disassembly and reassembly features.

1.03 Most maintenance, lubrication and adjustments can be accomplished simply by removing the subject component from the cabinet. If possible, disassembly should be confined to sub-assemblies, which can, in some cases, be removed without disturbing adjustments. When reassembling the sub-assemblies, be sure to check all associated adjustments, clearances and spring tensions.

1.04 If a part that is mounted on shims is removed, the number of shims used at each of its mounting screws should be noted so that the same shim pile-up can be replaced when the part is remounted.

1.05 Retaining rings are made of spring steel and have a tendency to release suddenly when being removed. Loss of these retainers can be minimized as follows: Hold the retainer with the left hand to prevent it from rotating. Place the blade of a suitable screwdriver in one of the slots of the retainer. Rotate the screwdriver in a direction to increase the diameter of the retainer for removal.

1.06 Avoid loss of springs in disassembly by holding one spring loop with the left hand while gently removing the opposite loop with a spring hook. Do not stretch or distort springs in removing them.

1.07 Raise cabinet lid or enclosure cover (after removing the control panel bezel and copy-light plug) and remove the typing unit from its base by removing the four screws that secure it to its keyboard or base. Remove the cable plug connector from the side frame. Lift the typing unit off.

Note: On sets equipped with a form supply container on the rear of the cabinet, rearward foot extensions should be in position on the cabinet. This prevents the cabinet from tilting when the typing unit is removed.

1.08 Assuming that the typing unit and keyboard base have been removed from the cabinet, remove the non-typing reperforator from the base as follows:

(a) Disconnect the wires from the selector magnets.

(b) Loosen the set screws on the coupling located on the rear of the shaft. Slide the coupling and/or short shaft so as to disengage it. Remove the screw which fastens the TP170199 anchor bracket to the base. Remove the three screws which secure the reperforator to the base. Carefully lift the reperforator upward and tilt to one side.

(c) Disconnect the wires from the backspace magnet, and remove the unit from the base.

2. DISASSEMBLY AND REASSEMBLY

2.01 In removing a sub-assembly from the unit, the procedure followed and the location from which parts are removed must be carefully noted so that reassembly can be done correctly. Where no specific instructions are given for reassembly, reverse the procedure used in removing it.

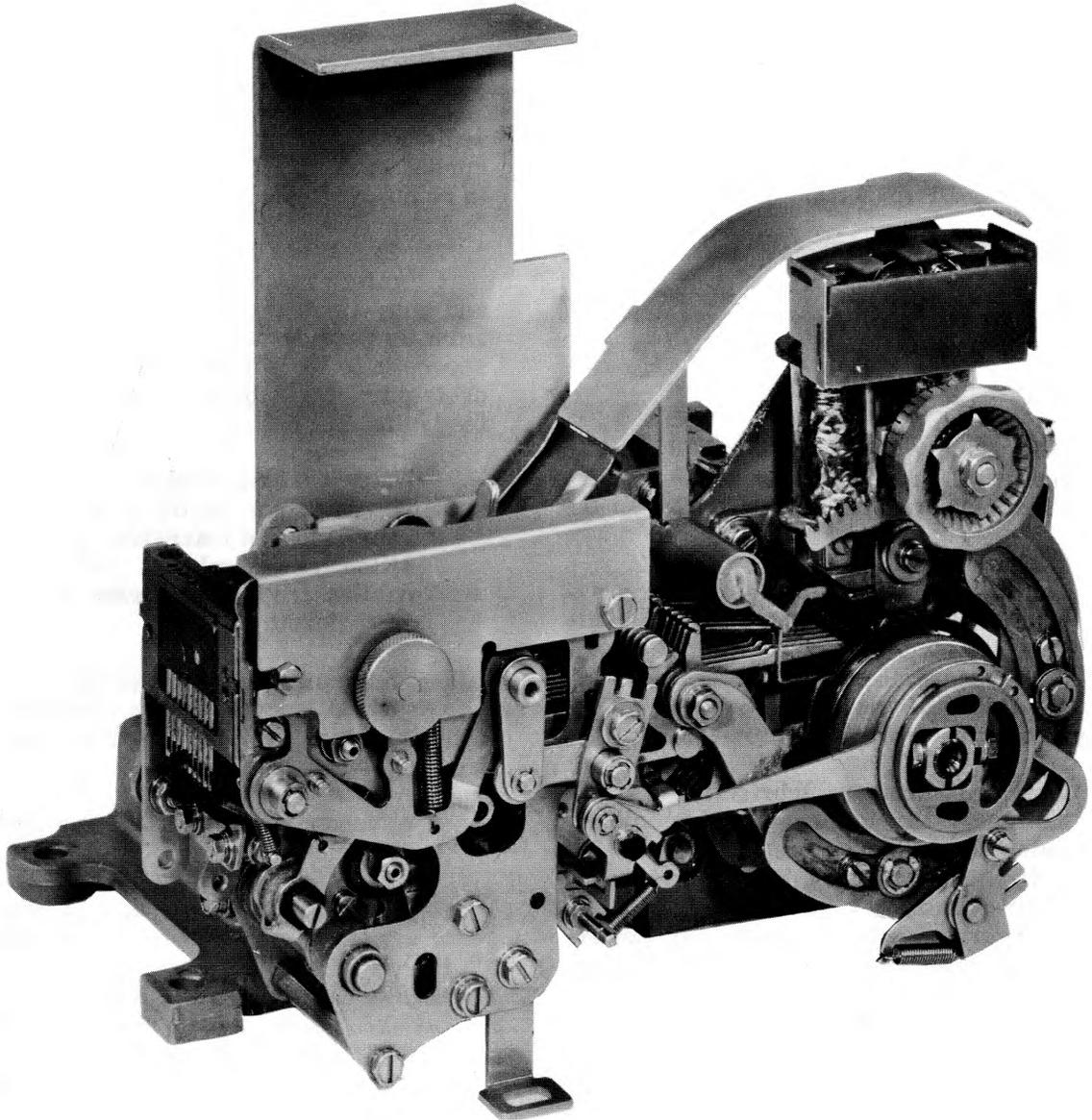


Figure 1 - 35 Non-Typing Reperforator - Left Front View

SELECTOR MECHANISM

2.02 Remove the screw, nut and lock washer that secure the selector clutch drum and the backspace eccentric hub to the main shaft. Lift eccentric drive arm off. Place the TP170238 reset ball in its raised position. Hold the TP170198 stop lever and the TP170236 marking lock lever out of the way while slowly pulling forward on the cam-clutch until it is removed.

2.03 Unhook the spring on the TP150355 function clutch latch lever. Remove the TP156472 spring post by removing its lock nut and lock washer. Remove the screw and lock washer that secure the TP170234 selector lever guide to the selector plate. Remove the oil wick and the oil wick holder. The selector mechanism can now be taken off.

PUNCH MECHANISM

2.04 Unhook the spring from the TP170211 rocker arm and the TP156412 drive link.

2.05 Remove the two screws and one stud which secure the punch assembly rear plate to the main plate.

2.06 To remove the rocker bail assembly, remove the nut, lock washer and adjusting lever guide from the TP156366 shaft. Remove the shaft and the rocker bail assembly.

2.07 To remove the main shaft assembly after the selector cam-clutch has been removed (Par. 2.02), remove the spring from the TP150355 latch lever. Remove the retaining ring, spring washer and flat washer from the forward end of the main shaft. Remove the screw and lock washer from the TP150000 clutch drum. Remove the screw and lock washer from the TP173340 collar. Remove the screw and lock washer from the rear bearing clamp.

2.08 Pull the main shaft out toward the rear, while removing the function clutch and collar.