TM 5-3610-241-14

DEPARTMENT OF THE ARMY TECHNICAL MANUAL

# TECHNICAL MANUAL

# OPERATOR, ORGANIZATIONAL, DIRECT SUPPORT

# AND GENERAL SUPPORT MAINTENANCE,

# INCLUDING REPAIR PARTS AND SPECIAL TOOLS LIST

# REPRODUCTION SET, DIAZOTYPE MACHINE,

# MOIST PROCESS

# (BRUNING MODEL 300 MS) FSN 3610-753-2263

HEADQUARTERS, DEPARTMENT OF THE ARMY

JANUARY 1971

# WARNING

## HIGH VOLTAGE

**is used in the operation of this equipment**

## DEATH ON CONTACT

**may result if personnel fail to observe safety precautions.**
**Learn the areas containing high voltage in this piece of equipment.**
**Before working inside the equipment, disconnect electrical service cord.**

CHANGE
No. 1

HEADQUARTERS
DEPARTMENT OF THE ARMY
WASHINGTON, D.C. *6 July 1972*

# Operator, Organizational, Direct and General Support Maintenance Manual Including Repair Parts and Special Tools List

## REPRODUCTION SET, DIAZO-TYPE MACHINE, MOIST PROCESS (BRUNING MODEL 300 MS) FSN 3610-753-2263

TM 5-3610-241-14, 13 January 1971, is changed as follows:

*Page A-1.* Paragraph A-7 is added as follows:

### A-7. Supplies

| | |
|---|---|
| SC-3610-97-CL E18 | Reproduction Expendable Supply Set, Moist Process, FSN 3610-889-3246 |

*Page B-1.* Appendix B is superseded as follows:

## APPENDIX B

## BASIC ISSUE ITEMS LIST AND ITEMS TROOP INSTALLED OR AUTHORIZED

### Section I. INTRODUCTION

### B-1. Scope

This appendix lists items required by the operator for operation of the reproduction set.

### B-2. General

This list is divided into the following sections:

*a.* Basic Issue Items List-section II. Not applicable.

*b. Items Troop Installed or Authorized List-Secton III.* A list of items in alphabetical sequence, which at the discretion of the unit commander may accompany the reproduction set. These items are NOT SUBJECT TO TURN-IN with the reproduct ion set when evacuated.

### B-3. Explanation of Columns

The following provides an explanation of columns in the tabular list of Basic Issue Items List, Section II, and Items Troop Installed or Authorized, Section III.

*a. Source, Maintenance, and* Recoverability Code(s) *(SMR):*

(1) Source code, indicates the source for the listed item. Source codes are:

| *Code* | *Explanation* |
|---|---|
| P | Repair parts, special tools, and test equipment suppiied from GSA/DSA or Army supply system and authorized for use at indicated maintenance levels. |
| P2 | Repair parts special tools, and test equipment which are procured and stocked for insurance purposes because the combat or military essentiality of the end item dictates that a minimum quantity be available in the supply system. |

(2) *Maintenance code,* indicates the lowest

level of maintenance authorized to install the listed item. The maintenance level code is:

| *Code* | *Explanation* |
|---|---|
| C . . . . | Crew/Operator |

(3) Recoverability code, indicates whether unserviceable items should be returned for recovery or salvage, Items not coded are nonrecoverable. Recoverability codes are:

| *Code* | *Explanation* |
|---|---|
| R . . . . | Applied to repair parts (assemblies and components), special tools, end test equipment which are considered economically reparable at direct and general support maintenance levels. |
| S.... | Repair parts, special tools, teat equipment and assemblies which are economically reparable at DSU and GSU activities and which normally are furnished by supply on an exchange basis. |

*b. Federal Stock Number.* This column indicates the Federal stock number assigned to the item and will be used for requisitoning purposes.

*c. Description.* This column indicates the Federal item name and any additional description of the item required.

*d. Unit of Measure (U/M).* A 2 character alphabetic abbreviation indicating the amount or quantity of the item upon which the allowances are based, e.g., ft, ea, pr, etc.

*e. Quantity Furnished with Equipment.* (BIIL) (Not applicable).

*f. Quantity Authorized (Items Troop Installed or Authorized).* This column indicates the quantity of the item authorized to be used with the equipment.

## Section III. ITEMS TROOP INSTALLED OR AUTHORIZED LIST

| (1) SMR Code | (2) Federal Stock Number | (3) Descript Ref No., & Mfr Code / Usable on Code | (4) Unit of Meas | (5) Qty Auth |
|---|---|---|---|---|
| PC | 3610-606-5765 | BOTTLE, Plastic | EA | 1 |
| PC | | BOTTLE, Squeeze W/cap S7796 (09177) | EA | 1 |
| PC | | BOTTLE, Utility S6801 (09177) | EA | 1 |
| PC | | CAP, Bottle 24704 (09177) | EA | 1 |
| PC | 7520-559-9618 | CASE, Operation and Maintenance Manuals | EA | 1 |
| PC | | DUSTER, Mophead, W/handle 16101 (09177) | EA | 1 |
| PC | | FUNNEL 2049 (09177) | EA | 1 |
| PC | 7420-255-8115 | MEASURING BEAKER | EA | 1 |
| PC | 3610-606-6767 | ROD, Stirring | EA | 1 |
| PC | | SQUEEGEE 15523 (09177) | EA | 1 |
| PC | 3610-606-5764 | STRIPPER | EA | 1 |
| PC | 5120-240-8716 | SCREWDRIVER | EA | 1 |
| PC | 5120-278-1270 | SCREWDRIVER | EA | 1 |
| PC | 5120-240-5328 | WRENCH, Open End | EA | 1 |

By Order of the Secretary of the Army:

**BRUCE PALMER, JR.**
***General, United States Army***
***Acting Chief of Staff***

**Official:**

**VERNE L. BOWERS,**
***Major General, United States Army,***
***The Adjutant General.***

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DEPARTMENT OF THE ARMY
WASHINGTON, D. C., *13 January 1971*

# OPERATOR, ORGANIZATIONAL, DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE MANUAL, INCLUDING REPAIR PARTS AND SPECIAL TOOLS LIST REPRODUCTION SET, DIAZOTYPE MACHINE, MOIST PROCESS (BRUNING MODEL 300 MS) FSN 3610-753-2263

**Current as of 22 December 1970**

# LIST OF ILLUSTRATIONS

# CHAPTER 1

# INTRODUCTION

## Section I. GENERAL

### 1-1. Scope

*a.* This manual contains instructions for the use of the personnel to whom the Bruning, Model 300 MS, Reproduction Sets are issued. Chapters 1 through 4 provides information on the operation, daily preventive maintenance services, and organizational maintenance of the equipment, accessories, components, and attachments. Chapter 5 provides information for direct and general support maintenance. Also included are descriptions of the main units and their functions in relationship to other components.

*b.* Preparation, care, and removal of equipment from administrative storage will be in accordance with the applicable requirements of TM 740-90-1.

*c.* Destruction of material to prevent enemy use will be in accordance with applicable requirements of TM 750-244-3.

### 1-2. Forms and Records

*a.* Maintenance forms, records, and reports which are to be used by maintenance personnel at all maintenance levels are listed in and prescribed by TM 38-750.

*b.* Report of errors, omissions, and recommendations for improving this publication by the individual user is encouraged. Reports should be submitted on DA Form 2028, Recommended Changes to Publications, and forwarded direct to Commanding General, U.S. Army Mobility Equipment Command, ATTN: AMSME-MPP, 4300 Goodfellow Boulevard, St. Louis, Mo. 63120.

## Section II. DESCRIPTION AND DATA

### 1-3. Description

*a. Reproduction Set.* The Bruning Reproduction Set, Model 300 MS, figure 1-1 and 1-2, employs the diazo principle to produce sharp prints up to 31 inches in width. The reproduction set can copy anything drawn or typed (except non-reproducible colors such as light blue or violet) on one side of a translucent paper, film, or tracing cloth.

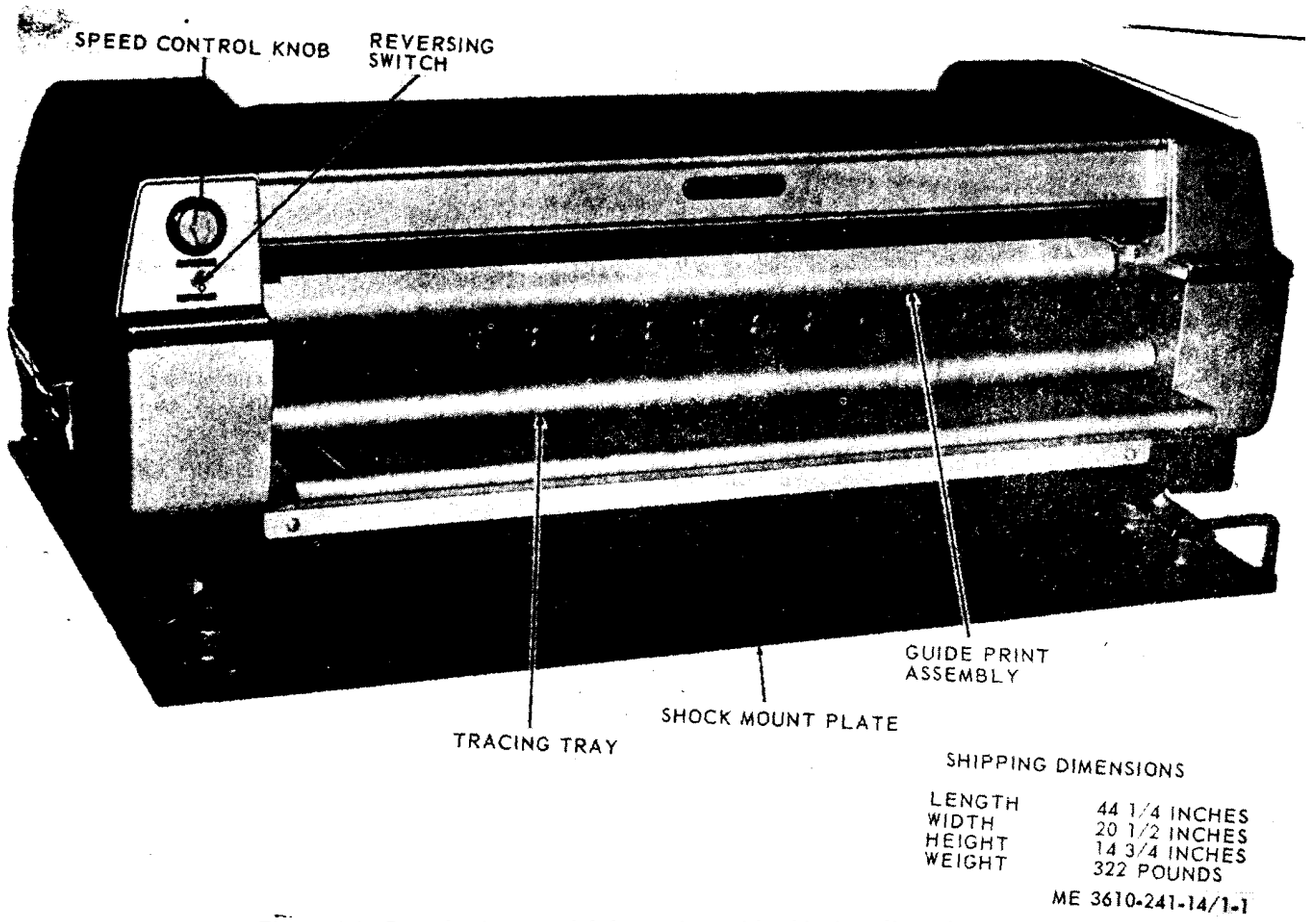



*Figure 1-1. Reproduction set, left-front view with shipping dimensions.*

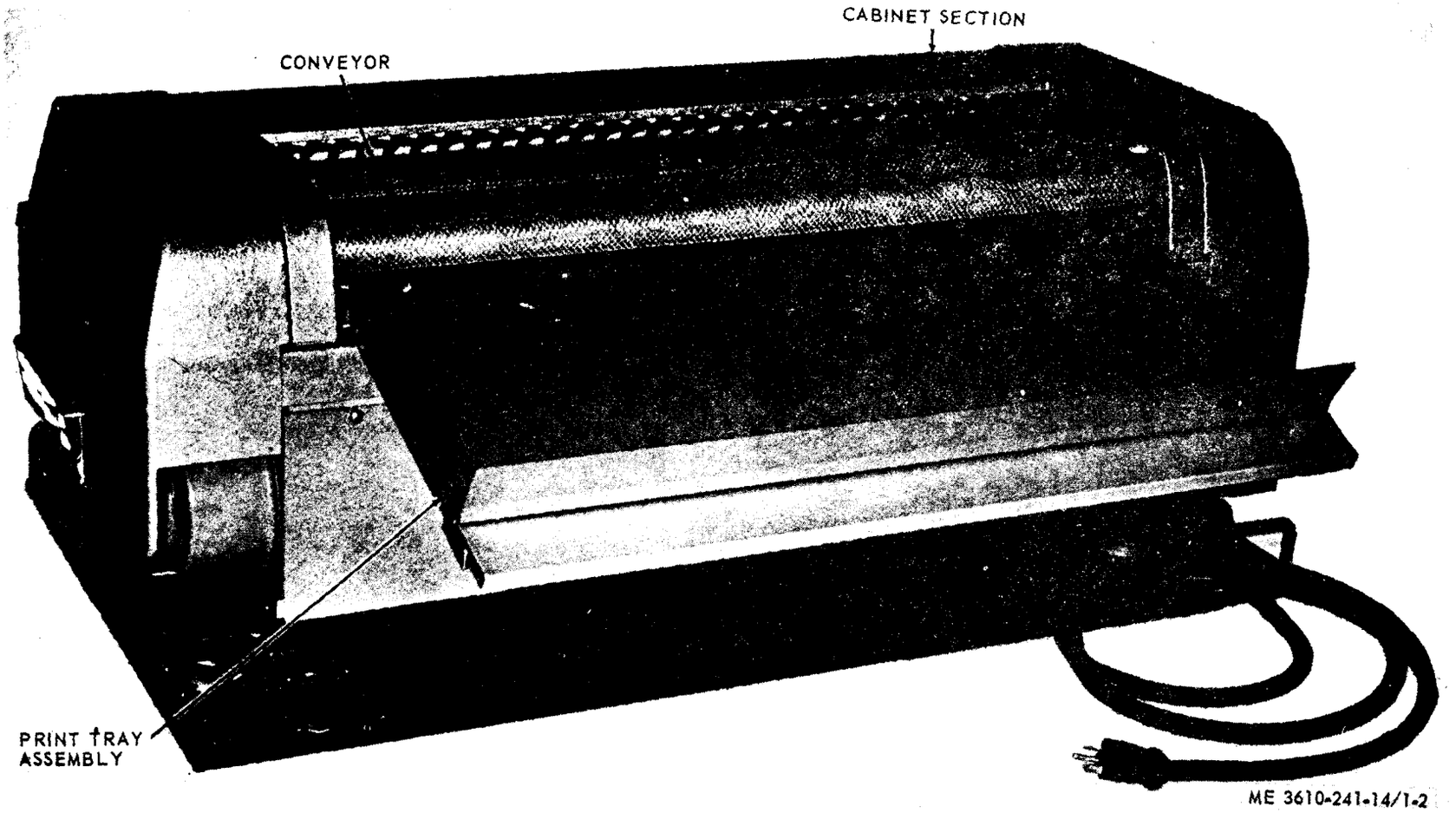



*Figure 1-2. Reproduction set left-rear, three quarter view.*

*b. Expendable Supply Kit.* The expendable supply kit (for initial operation) contains a supply of diazo paper stock, reflex film, transparentizer, and an assortment of colored developers. The materiel in this kit will enable the trained operator to perform a variety of copy operations. The contents of the kit may be used to support the requirements for tactical map reproduction.

## 1-4. Identification and Tabulated Data

*a. Identification.* The reproduction set has two identification plates.

(1) *Manufacturer's data plate.* Located directly below the developer reservoir: Plate specifies manufacturer, model, serial number, voltage, and amperes.

(2) *Lamp ballast data plate.* Located inside of the cabinet on top of the ballast housing. Specifies manufacturer, catalog number, serial number, and lamp current.

*b. Tabulated Data.*

| | |
|---|---|
| Manufacturer | Charles Bruning Company |
| Model | .3OOMS |
| Serial number range | 3004049 and up |
| Rating | 115 volts, 60 cycles |

(1) *Overall dimensions and weights.* See fig. 1-1 for reduced shipping dimensions.

| | |
|---|---|
| Overall length | 53 inches |
| Overall width | 31 inches |
| Overall height | 25 inches |
| Overall weight | 490 pounds |

(2) *Wiring diagram. See* figure 1-3.

*Figure 1-3. Wiring diagram.*

**(Located in back of manual)**

## 1-5. Maintenance and Operating Supplies.

Refer to appendix B for a complete list of Maintenan ce and Operating Supplies required for initial operation.

# CHAPTER 2

# OPERATING INSTRUCTIONS

## Section I. SERVICE UPON RECEIPT OF MATERIAL

### 2-1. Unpacking and Inspecting the Equipment

*a. General.* The reproduction set is shipped in a reusable container suitable for storing spare parts. Precautions have been taken to pack the reproduction set in such a way as to assure safe arrival. Shipping wedges have been installed around the glass cylinder. The floating roller and lamp have been removed from the machine and secured inside the shipping container.

*b. Expendable Supply Kit.* The expendable supply kit is shipped in a separate wooden crate with each reproduction set. The kit is primarily designed to support tactical Map Reproduction. However, selected material from this kit will support the most routine copy need.

c. *Unpacking.*

**CAUTION**

**Cover is top heavy and may be difficult to handle during removal. Take the necessary precautions to avoid personal injury or damage to the machine.**

(1) Release (6) luggage latches that secure the carrying case cover to the shipping base.

(2) Remove the cover from the base.

(3) Remove (4) wing nuts that secure the machine to the carrying case base.

(4) Refer to figure 2-1 and remove shipping devices.

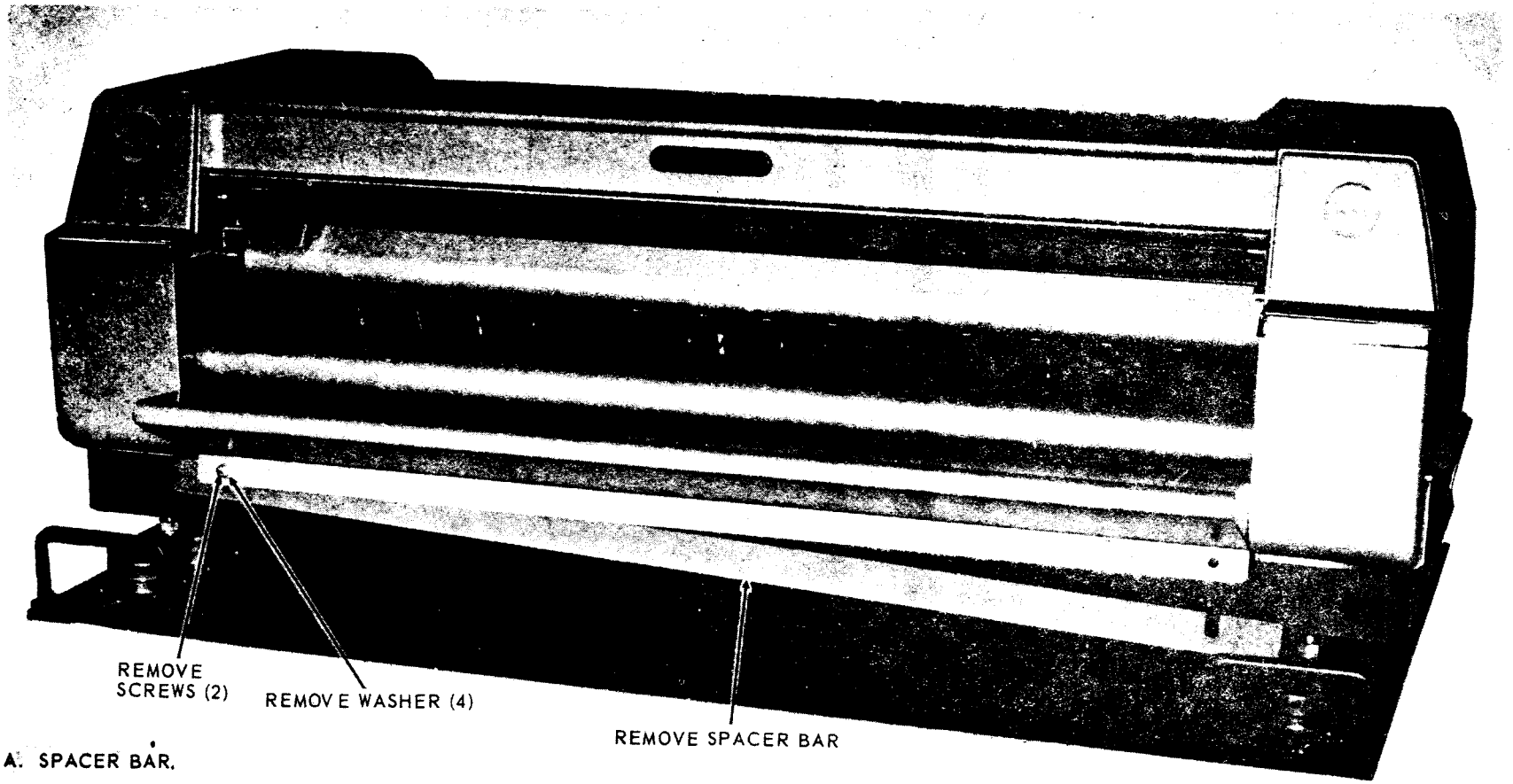



*Figure 2-1. Shipping devices, removal and installation (sheet 1 of 2).*

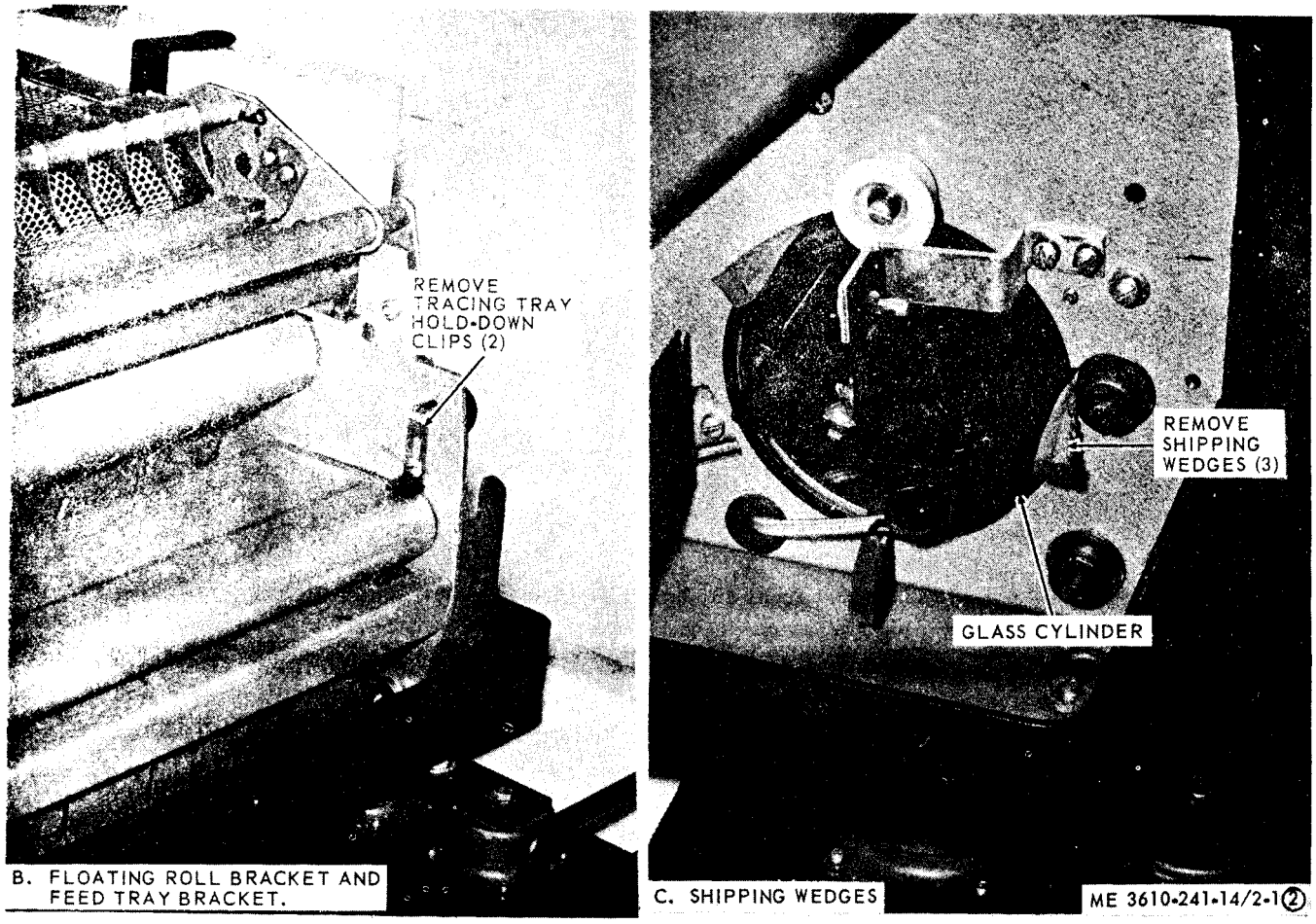



*Figure 2-1. Shipping devices, removal and installation (sheet 2 of 2).*

*d. Inspection.*

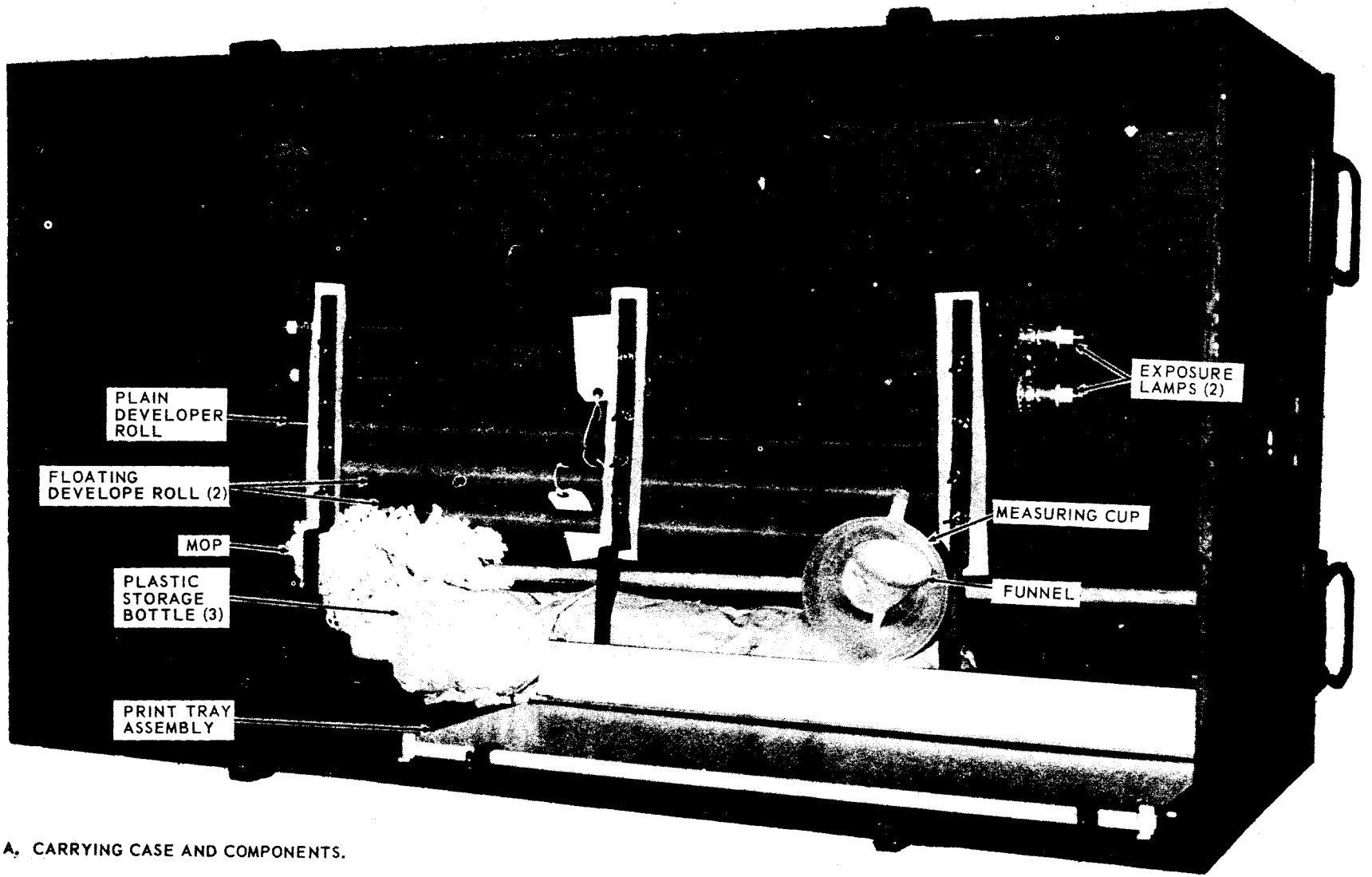
(1) Make a thorough visual inspection of the kit and the carrying case for external damage. Inspect contents for missing items and for damage. Inspect the machine to ensure that glass cylinder is not broken.

(2) Inspect the packing list and make sure that all supplies, equipment and accessories are received.

## 2-2. Installation of Separately Packed Components

*a. Lamp.*

(1) Refer to figure 2-2 and remove the lamp from the carrying case cover.




A. CARRYING CASE AND COMPONENTS.

ME 3610-241-14/2-2①

*Figure 2-2. Carrying case (sheet 1 of 2).*

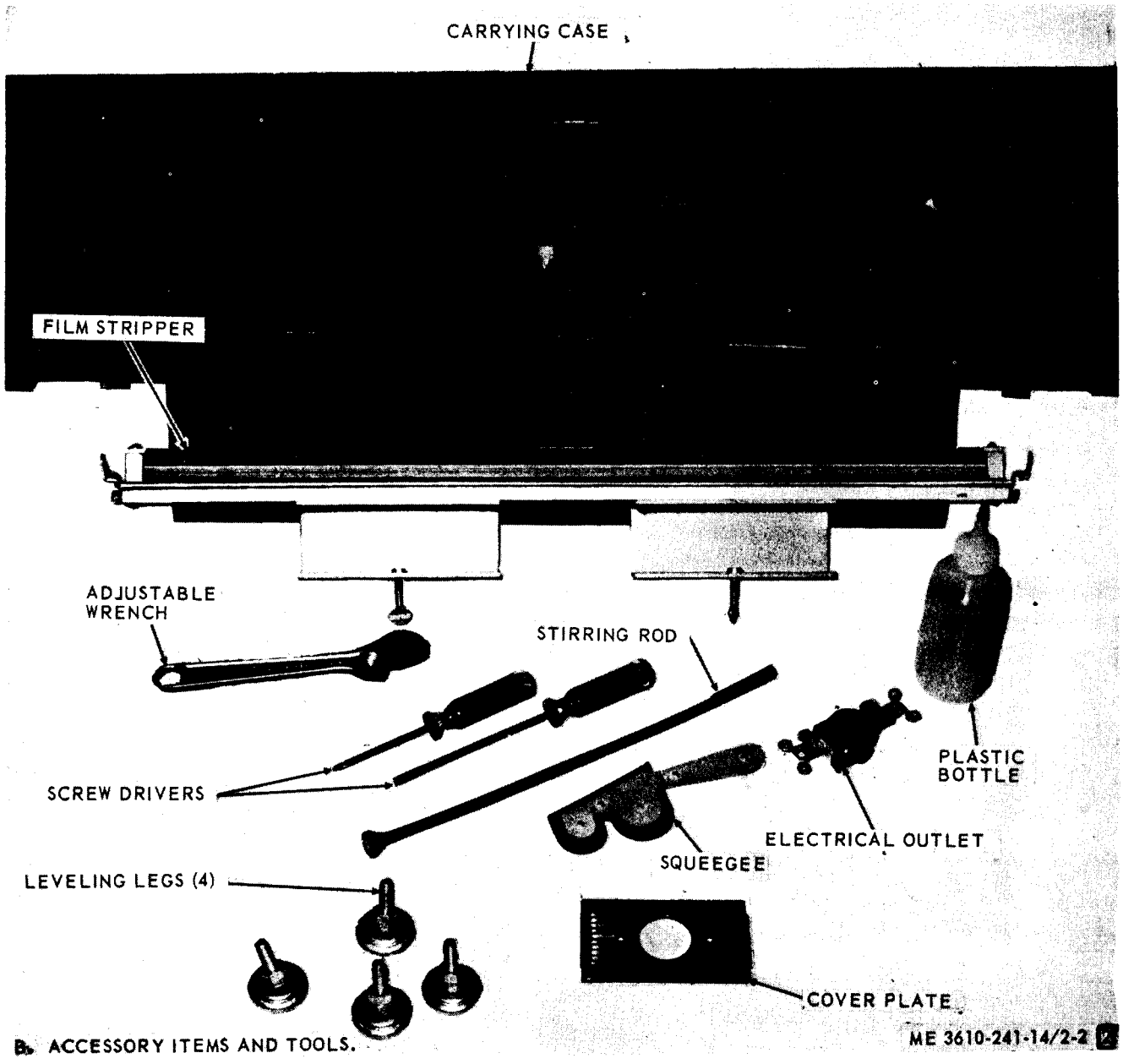



*Figure 2-2. Carrying case (sheet 2 of 2).*

***NOTE***

Use paper wrapped around the glass lamp to eliminate the possibility of finger prints left on the surface of the glass after installation. Finger prints and other foreign materials may affect the machines printing speeds if left to bake on the surface of the lamp. Remove paper from lamp after installation is complete.

(2) Refer to figure 2-3 and remove the lamp housing covers at both ends of the glass cylinder.

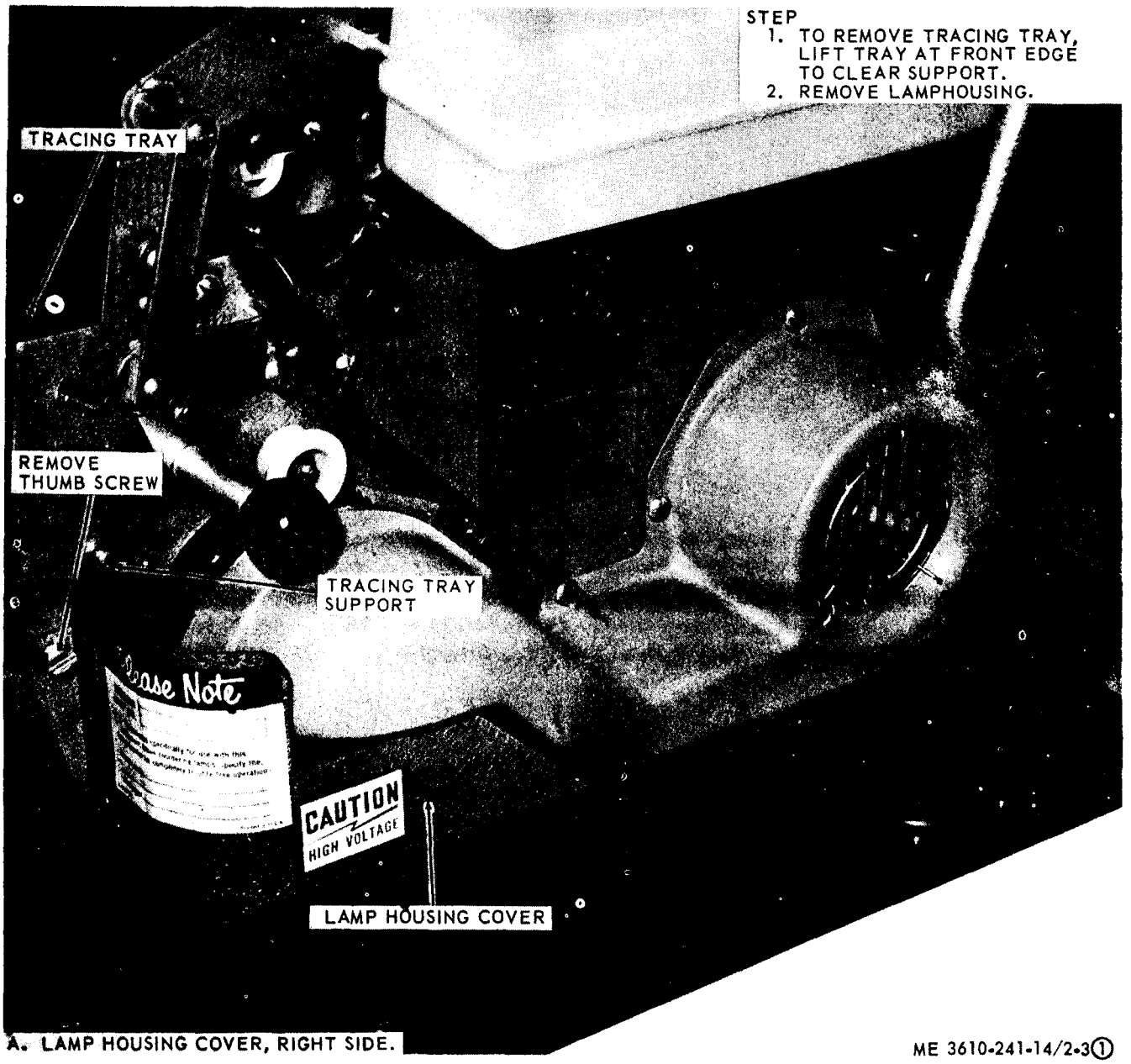



*Figure 2-3. Lamp housing cover, removal and installation (sheet 1 of 2).*

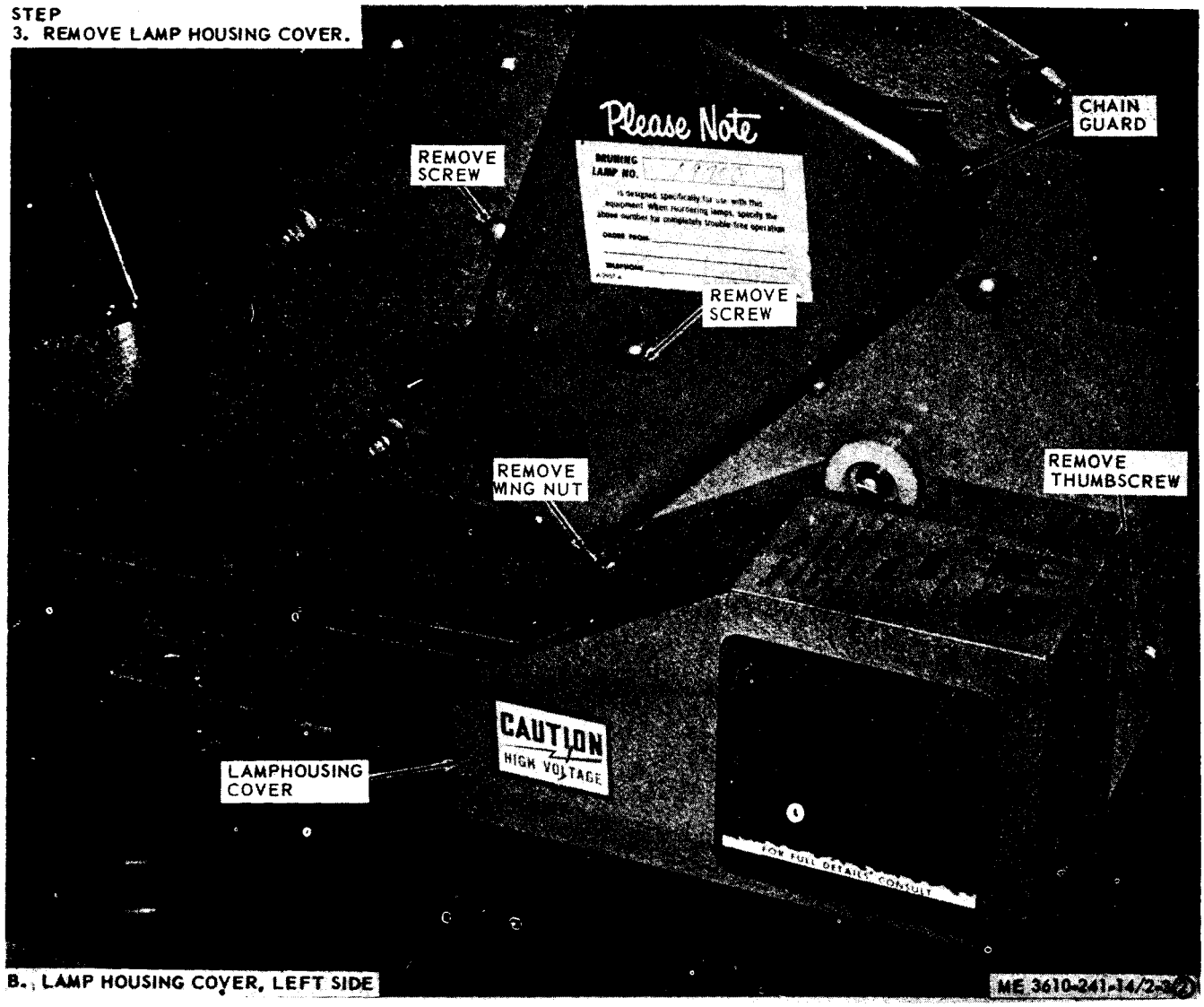



*Figure 2-3. Lamp housing cover, removal and installation (sheet 2 of 2).*

(3) Refer to figure 2-4 and loosen wingnut "A" and slide the duct assembly out from the left side of the machine.

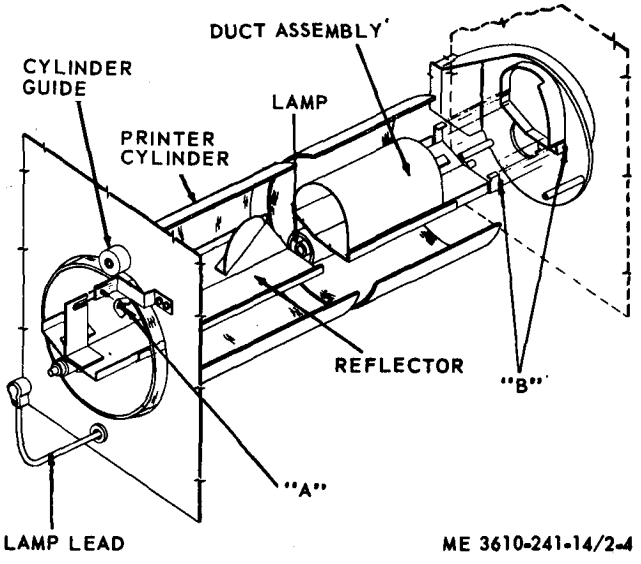



***Figure 2-4. Lamp and lamp holder assembly, removal and installation.***

***NOTE***

Use care when withdrawing the assembly so as not to scratch the glass cylinder.

(4) Position the lamp under the reflector. Secure lamp at each end with wire clip holders.

***NOTE***

Nipple on the end of the lamp should face upward once the assembly is installed in the machine.

(5) Slide lamp duct assembly into the glass cylinder. The bracket at the right end of the duct must fit into the slots of the plastic housing "B" as referenced in figure 2-4.

(6) Tighten wing nut "A" and press the two lamp connectors onto the lamp ends.

(7) Refer to figure 2-3 and install the lamp housing covers at both end of the glass cylinder.

*b. Receiving Tray.*

(1) Refer to figure 2-2 and remove the receiving tray from the carrying case cabinet.

(2) Assemble the tray stop to the print receiving tray, and slip the tray into position as referenced in figure 1-2.

c. *Floating Developer Roll.*

(1) Refer to figure 2-2 and remove the floating developer roll from the carrying case.

(2) Refer to figure 2-5 and slip the roll into position.

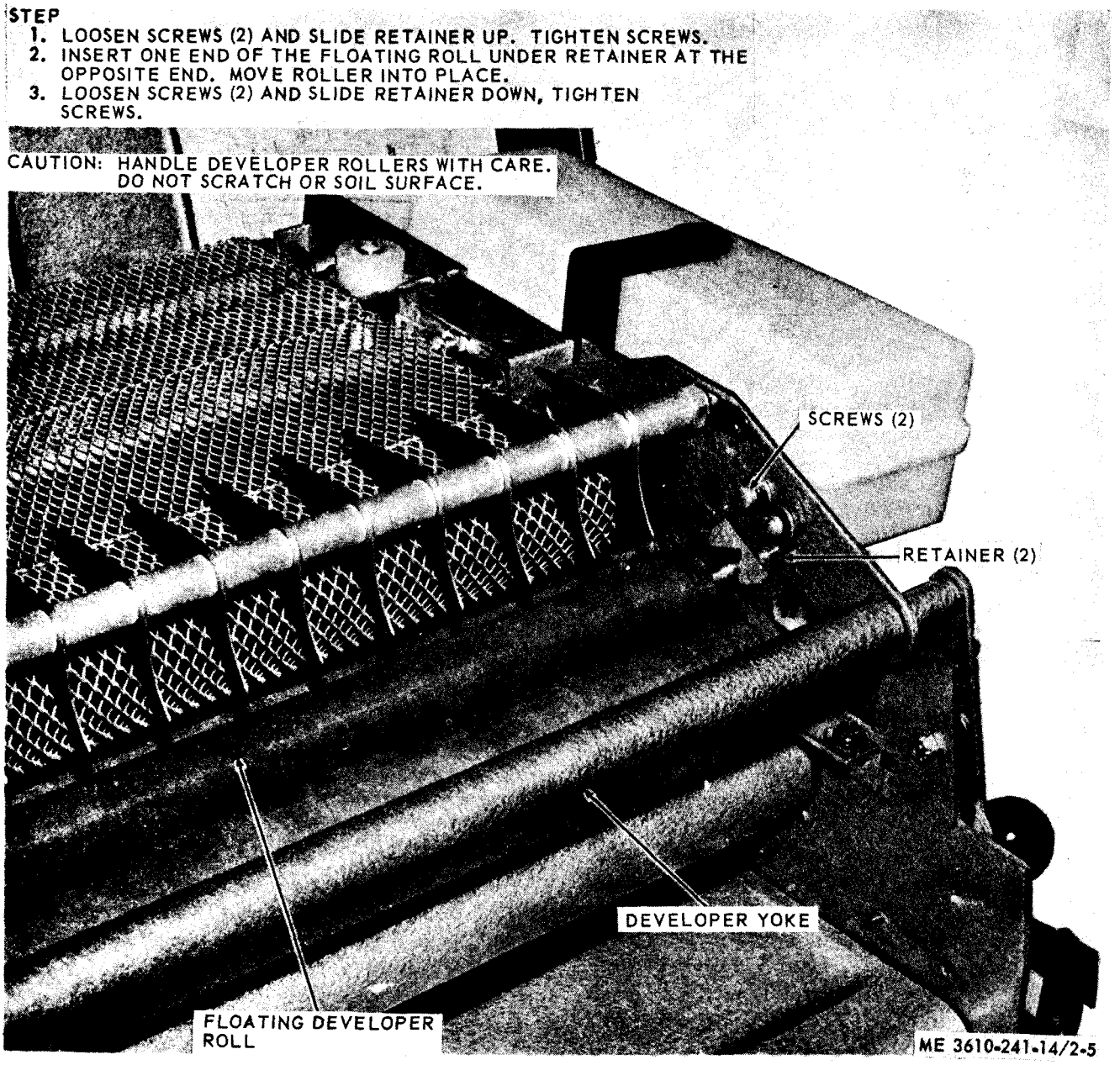



*Figure 2-5. Floating developer roll removal and installation.*

## 2-3. Installation or Setting-Up Instructions

*a. Location.*

(1) Locate the machine on a level surface and in a clean area where there is sufficient floor space for efficient operation.

(2) Refer to paragraph 1-4 for recommended electrical power to operate the machine.

*b. Leveling the Equipment.*

(1) Position the machine on a level surface, allowing sufficient space to open the cabinet and for servicing the machine.

(2) Make sure that the shutoff clamp on the drain tube is closed and the tube positioned as shown in figure 2-6.

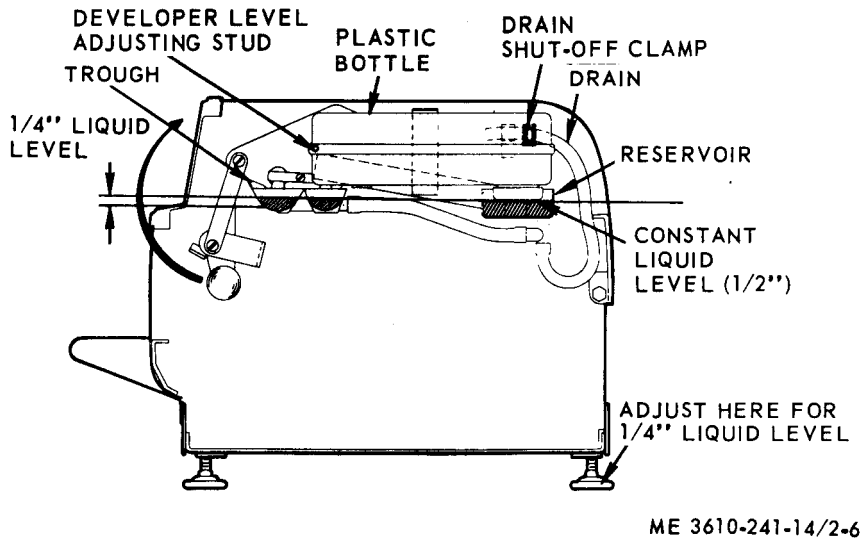



*Figure 2-6. Leveling the machine.*

(3) Raise the developer yoke assembly by swinging the ball crank (located at the right end of the machine) upward.

(4) Fill the plastic developer bottle half-full of water, then cap the bottle and set it in the reservoir bracket. The reservoir water level will rem ain constant.

(5) Back off the right front leveling jack screw to approximately one (1) inch.

(6) Adjust the right rear jackscrew until the water level at the right end of the trough is ¼ inch in depth.

(7) Adjust both left side jackscrews alternately until the water level at the left end of the trough is ¼ inch in depth.

(8) Minor adjustments for water level are made with the developer reservoir level adjusting stud. Loosen the reservoir adjusting stud and push downward to raise the developer liquid level, or lower the level by pushing upward on the adjusting stud .

(9) Drain water from developer system and squeegee trough dry.

***NOTE***

The level of the machine from front-to-back is as important as the level from right-to-left. Insufficient water depth in the trough after adjustment of the stud is an indication of a front-to-rear unlevel condition. To correct this, repeat leveling procedure.

*c. Electrical Fixtures.*

(1) Remove existing 115 volt, AC wall outlet and install the grounded type wall outlet included with the accessory items (fig. 2-2).

(2) Connect the three-prong plug of the electrical service cord to the grounded wall outlet.

## Section II. MOVEMENT TO A NEW WORKSITE

### 2-4. Dismantling

*a.* Drain developer solution from machine. Fill tank ½-full with clean water and operate machine for a few minutes, drain water from developer system, and squeegee trough dry.

*b.* Disconnect electrical cord.

*c.* Refer to figure 2-5 and remove the floating developer roll from the developer yoke assembly. Store floating developer roll in carrying case.

*d.* Remove print-receiving tray and stow it in the carrying case.

e. Refer to figure 2-3 and remove the lamp housing covers and the lamp holder assembly.

*f.* Refer to figure 2-4 and remove the exposure lamp. Stow the lamp in the carrying case. Reinstall the duct assembly and lamp housing covers.

*g.* Refer to figure 2-1 and install six (three at each end ) rubber wedges between the glass cylinder and the chassis.

*h.* Refer to figure 2-1 and reinstall (2) red brackets to hold the tracing tray in place.

*i.* Refer to figure 2-1, close the cabinet section, install red spacer bar, and secure cabinet with red painted screws.

### 2-5. Reinstallation

Reinstall the reproduction set at the new worksite as directed in paragraphs 2-1, 2-2, and 2-3.

## Section III. CONTROLS

### 2-6. General

This section describes the controls and provides the operator with sufficient information to insure proper operation of the reproduction set.

### 2-7. Controls

*a. Speed Control.* Speed control unit is located inside the cabinet section. Control knob for the unit is located on the left escutcheon (fig. 2-7). To start the machine, turn the knob past the red line on the dial in a clockwise direction. This actuates the main switch, starts the blower motors and machine drive. Further clockwise rotation will increase the operating speed of the machine.

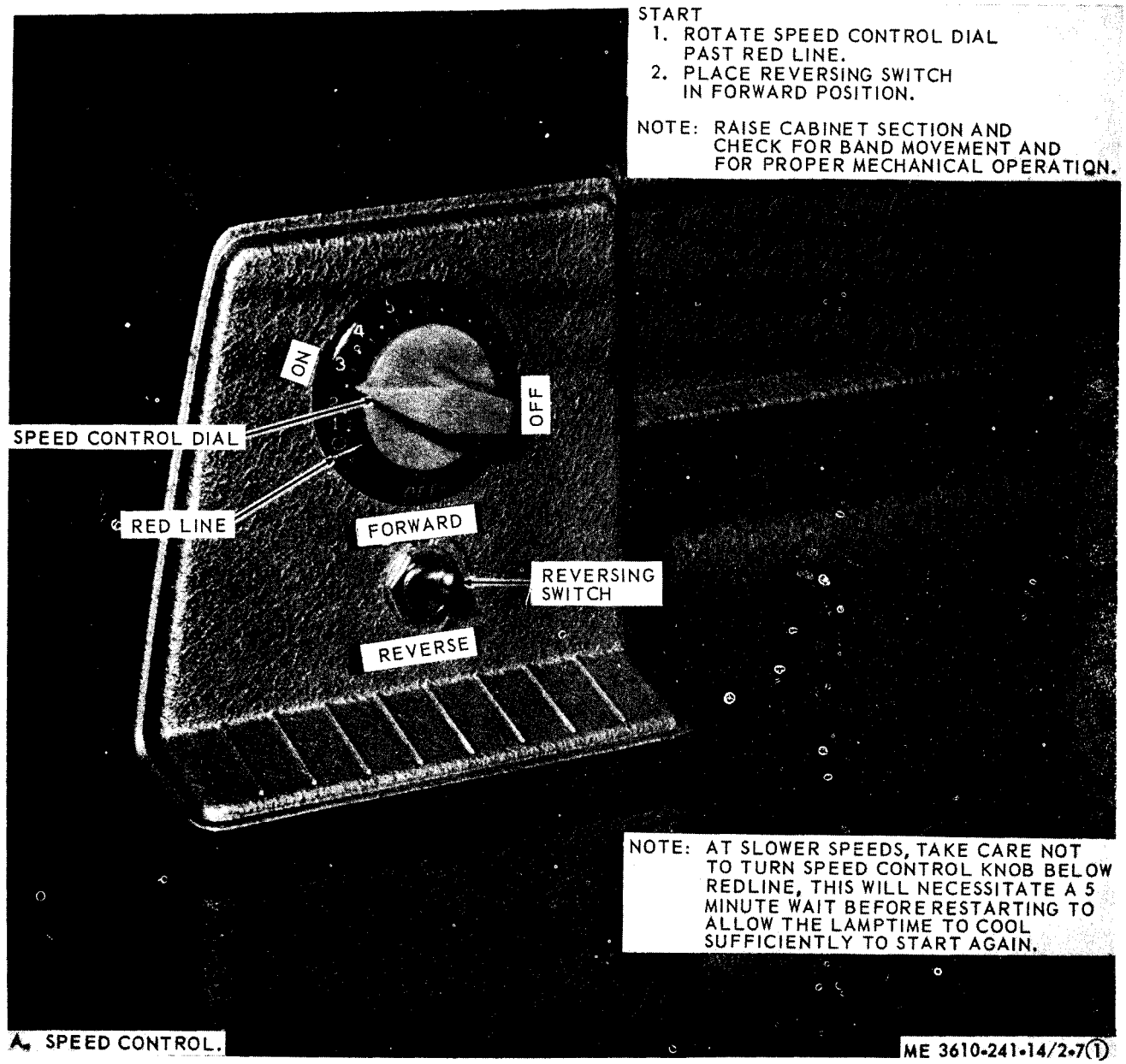



*Figure 2-7. Controls, starting and stopping (sheet 1 of 2).*

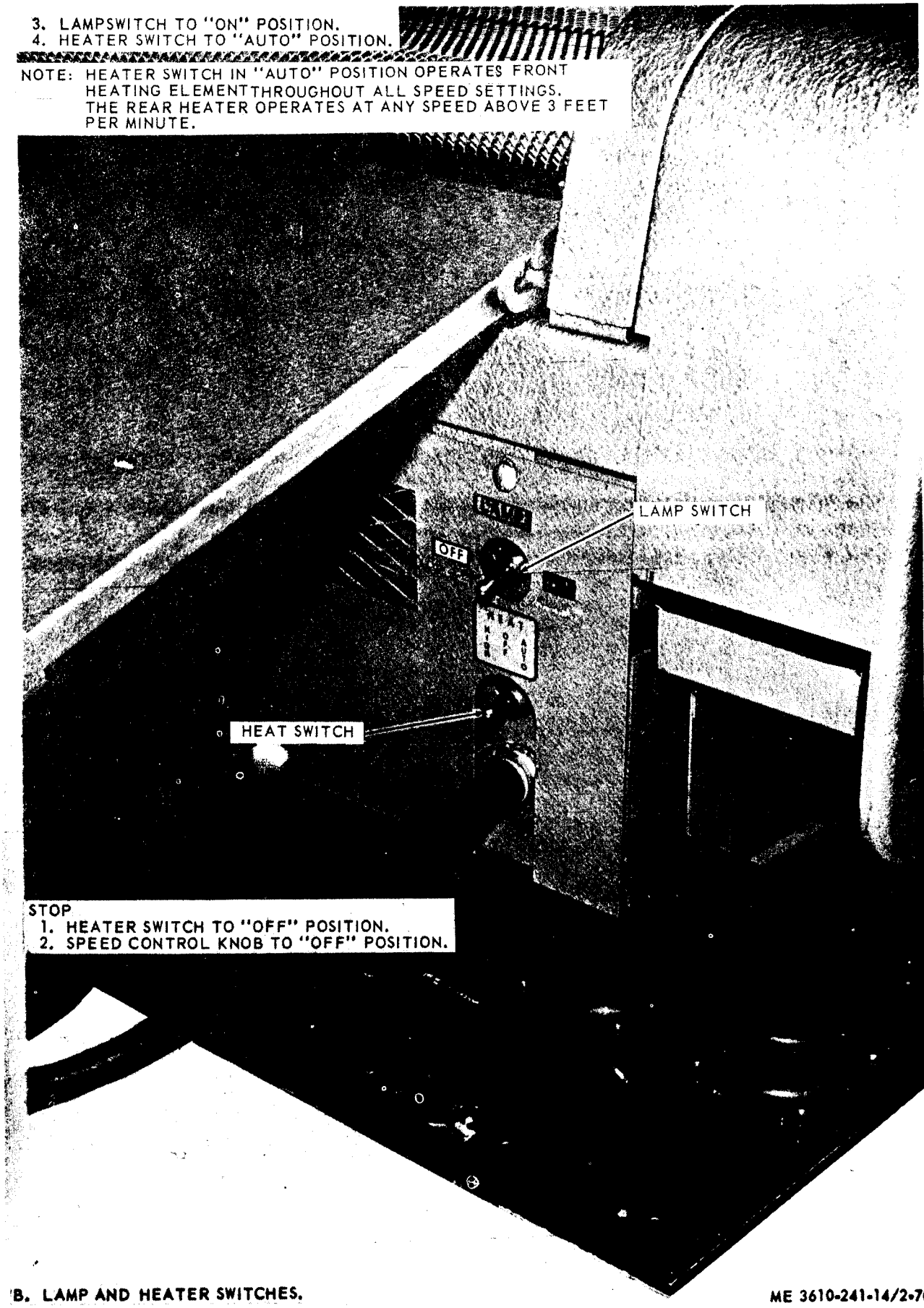



*Figure 2-7. Controls, starting and stopping (sheet 2 of 2).*

*b. Lamp Switch.* This control is located at the rear of the machine as shown in figure 2-7. It should be turned to the "ON" position and left there. This is a convenience control and is used primarily when cleaning the machine.

*c. Heater Switch.* The heater switch, also located at the rear of the machine (fig. 2-7), should be snapped to the "Auto" position when starting the machine. This will automatically actuate the drying heaters. When the switch is in the "auto" position, the front heating element operates at all speeds. The rear heater element is activated at any speed above 3 ft. per min. as indicated on the speed control dial.

*d. Reversing Switch.* The reversing switch is located directly below the speed control (fig. 2-7). Turning the reversing switch to the "reverse" position will change the direction of-drive and allow the operator to remove or re-align incorrectly fed materials.

*NOTE*

Never use the reverse switch if the print is already passing through the developer section.

## Section IV. OPERATION UNDER USUAL CONDITIONS

### 2-8. General

*a.* The instructions in this section are for the information and guidance of personnel responsible for operation of the reproduction set.

*b.* The operator must know how to perform every operation of which the reproduction set is capable. This section contains instructions on starting and stopping the reproduction set, on operation of the reproduction set, and on coordinating the basic motions to perform the specific tasks for which the equipment is designed. Since nearly every job presents a different problem, the operator may have to vary given procedures to fit the individual job.

### 2-9. Preparation for Starting

*a. Preparation for Starting.*

*(1)* Open the cabinet section.

*(2)* Perform the necessary daily preventive maintenance services (para 3-3).

*b. Developer Solution.*

(1) Select an appropriate paper and developer for the job.

(2) Mix developer in plastic mixing bowl. Prepare developer according to the instructions given on each package.

(3) Fill the plastic reservoir bottle with the developer solution.

*NOTE*

Make certain that the drain hose is in the position shown in figure 2-6 and that the shut-off clamp is closed before placing the developer bottle in its bracket.

(4) Place the filled reservoir bottle in the reservoir bracket.

### 2-10. Starting

Refer to figure 2-7 for starting details.

*NOTE*

Cabinet section should be in a raised position long enough during heater warm-up for operator to check for proper mechanical operation and for a, level condition of the machine as indicated by liquid in troughs.

### 2-11. Stopping

*a.* Refer to figure 2-7 for stopping details.

*b.* Drain developer supply bottle, reservoir, and squeegee dry developer trough.

*c.* Rinse developer system with clean water.

**CAUTION**

Allow machine to cool before covering.

*NOTE*

Lamp switch need not be turned off after each operation.

### 2-12. Operating the Reproduction Set

*a. Paper Stock.* Select a paper stock applicable for the operation.

*b. Speed Control.*

(1) Set the speed control to correspond with paper stock.

(2) Immediately check for the following operating conditions:

*(a)* Exhaust air from blowers.

*(b)* Band movement.

*(c)* Correct developer level.

*(d)* Exposure lamp is on.

**CAUTION**

**Be sure the speed control knob is set in a low range to avoid overloading the electrical components. Speed of 2½ feet per minute is recommended.**

*(e)* Rollers are rotating,

*(f)* Reversing switch for proper operation.

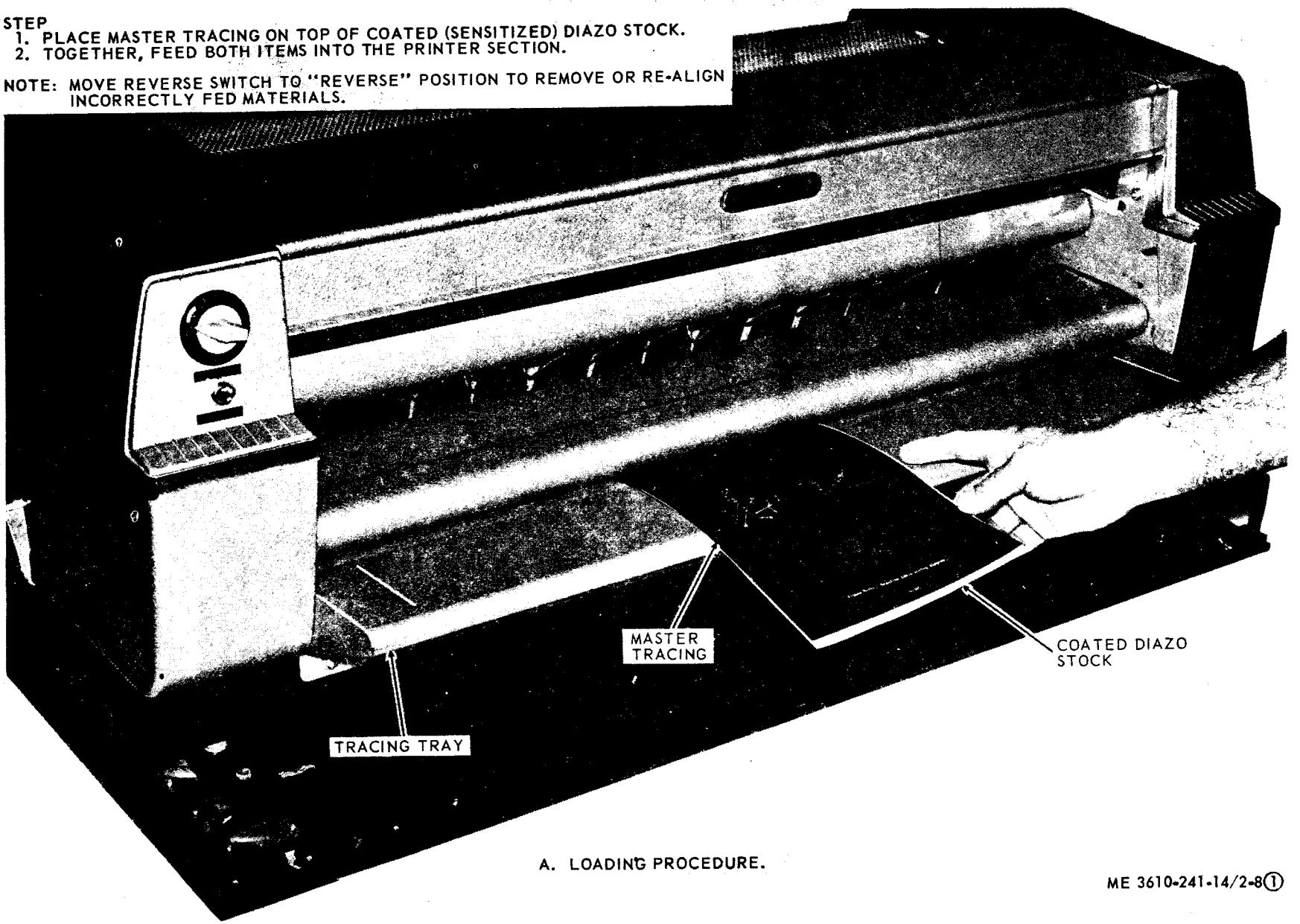
*(g)* Full operating range of drive assembly.

*c. Exposure.*

(1) The meter tracing is placed on top of the coated (sensitized) diazo stock and fed into the machine. Refer to figure 2-8 for operating procedure.

STEP
1. PLACE MASTER TRACING ON TOP OF COATED (SENSITIZED) DIAZO STOCK.
2. TOGETHER, FEED BOTH ITEMS INTO THE PRINTER SECTION.

NOTE: MOVE REVERSE SWITCH TO "REVERSE" POSITION TO REMOVE OR RE-ALIGN INCORRECTLY FED MATERIALS.




A. LOADING PROCEDURE.

ME 3610-241-14/2-8①

*Figure 2-8. Operating the machine (sheet 1 of 3).*

1. SEPARATE THE EXPOSED DIAZO STOCK FROM THE MASTER TRACING.
2. FEED THE EXPOSED DIAZO STOCK INTO THE DEVELOPER SECTION.

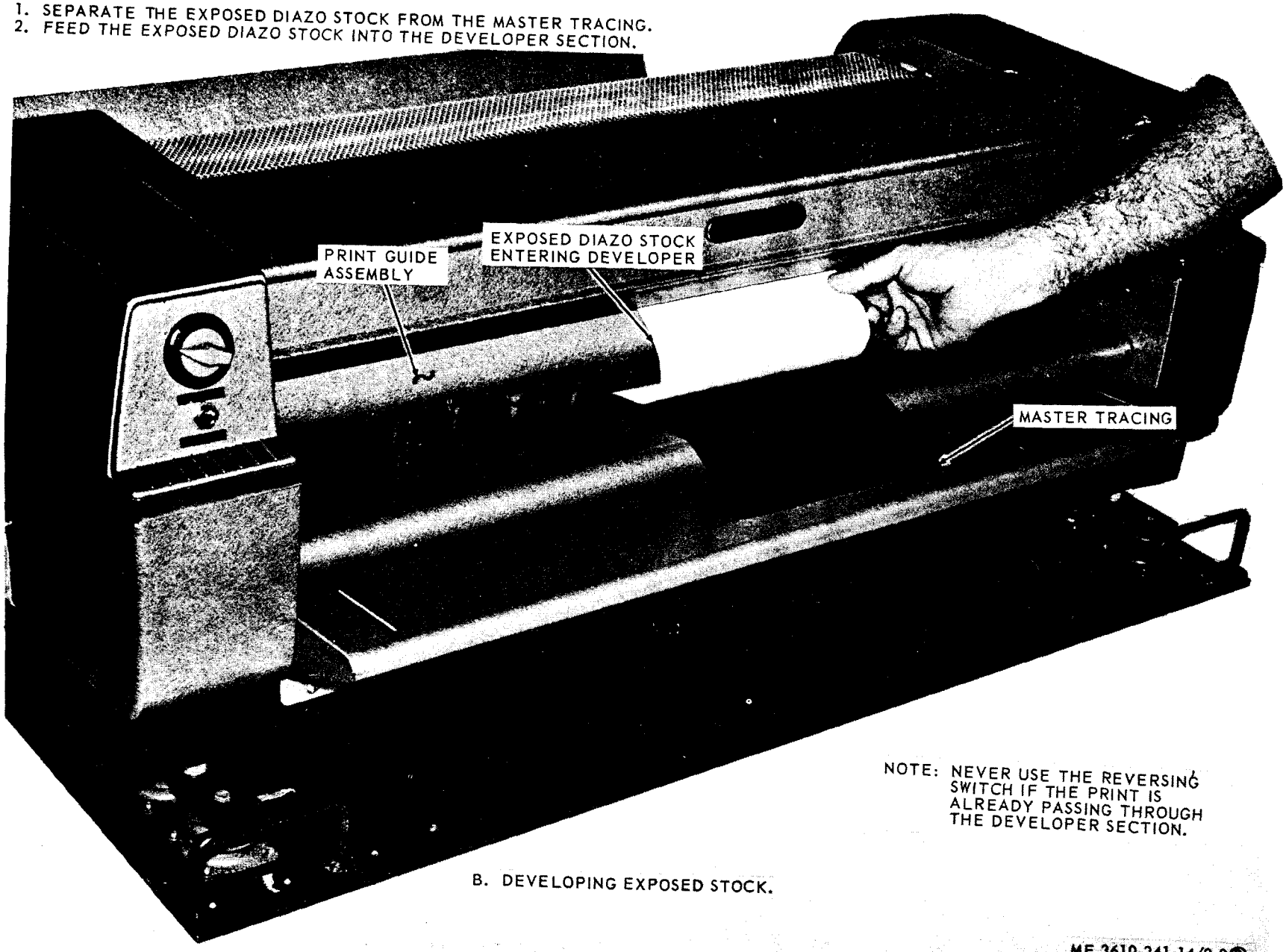



*Figure 2-8. Operating the machine (sheet 2 of 3).*

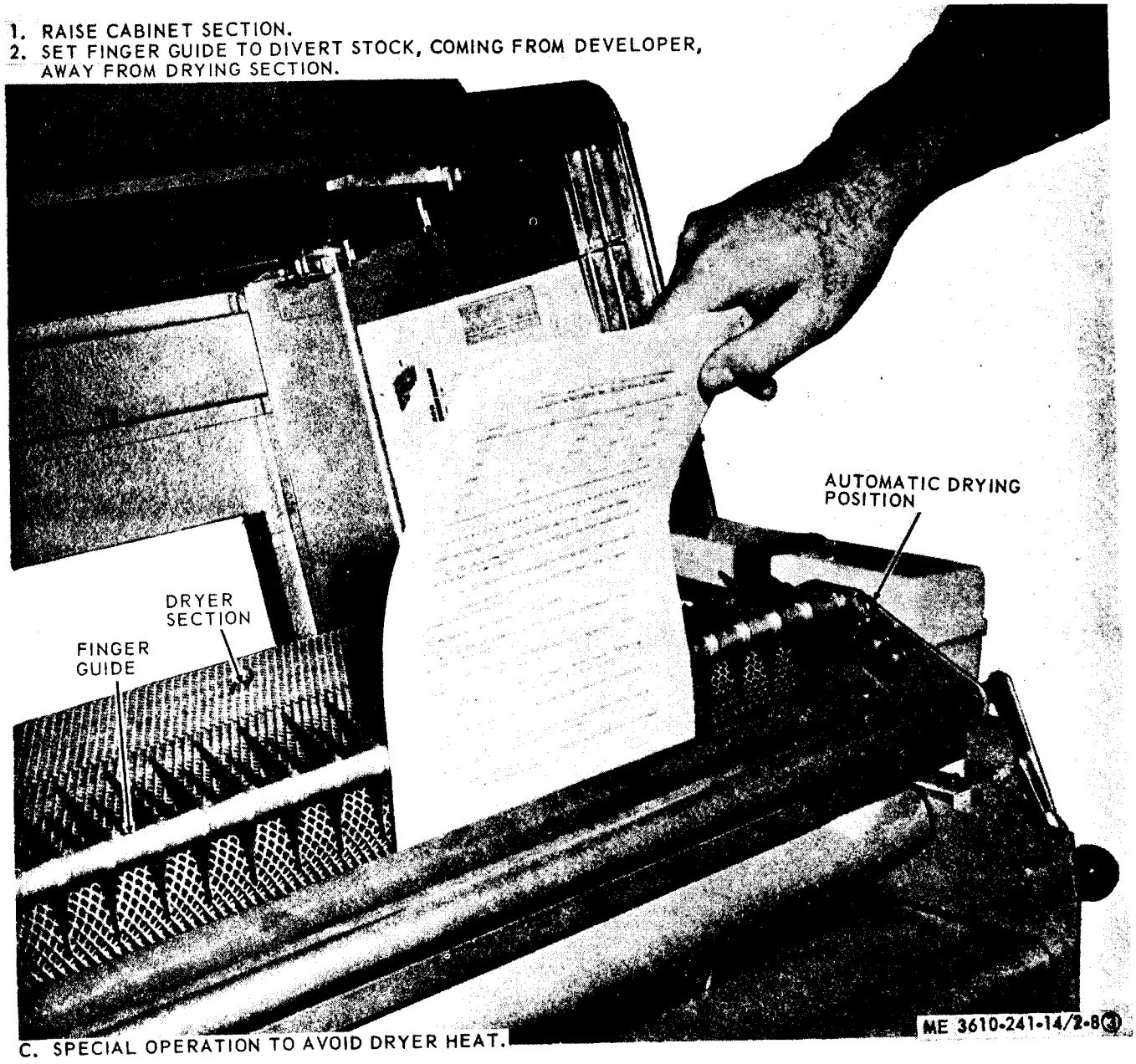



*Figure 2-8. Operating the machine (sheet 3 of 3).*

(2) The speed control setting will determine the exposure quality is light or dark lines. However, the setting best suited to your needs may be determined by running a trial print or two and adjusting the speed accordingly. If your print is too dark, decrease speed; conversely, if too light, increase the speed.

*NOTE*

Should the paper on entering the machine require realigning. move the reverse switch to a reverse position and realign the paper.

*d. Developing and Drying.*

(1) Refer to figure 2-8 and set finger guide assembly for automatic drying of paper or optional setting for manual removal of paper for slow drying at room temperature.

(2) Feed the exposed stock into the developer section of the machine and retrieve the master copy.

*NOTE*

Never use the reverse switch if the print is already passing through the developer section.

(3) A fully developed print will be discharged from the developer section onto the drying conveyor. The master is ready for immediate reinsertion to make another print.

## Section V. OPERATION OF MATERIEL USED IN CONJUNCTION WITH THE EQUIPMENT

### 2-13. Film Stripper

*a. General.* The film stripper provides a means for removing the opaque emulsion from the reflex film. Film stripper consists of a stripper blade and tension bar mounted on a ridged base. The base provides a means of clamping the stripper to a bench top.

*b. Operation.* Refer to figure 2-9 for operating procedure.

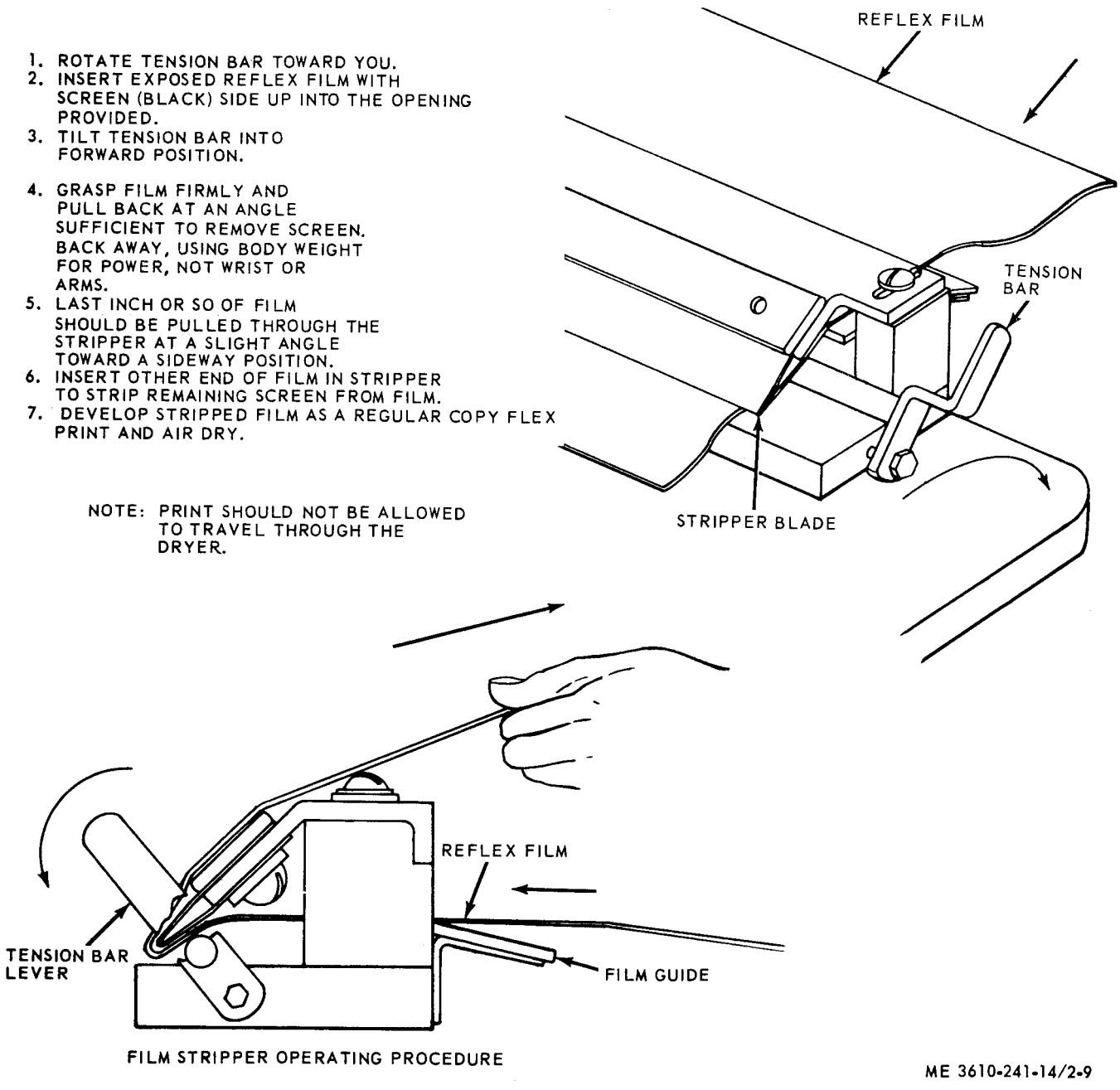


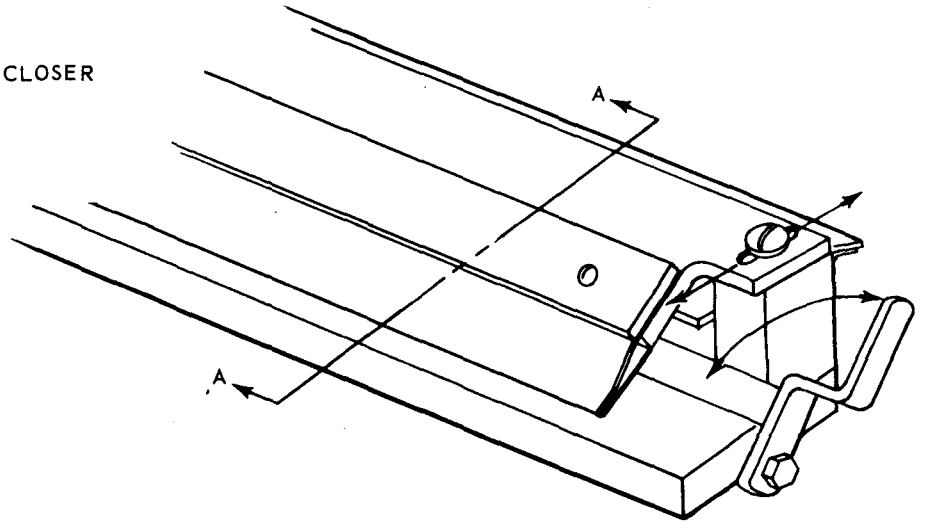

*Figure 2-9. Film stripper operating procedure.*

*c. Maintenance.*

(1) Inspect stripper blade for damage. Replace as required.

(2) Clean emulsion strippings from stripper blade and tension bar.

(3) Refer to figure 2-10 and adjust the stripper blade clearance. Readjustment is sometimes required for runs of film that will not strip with the normal adjustment of 1 / 32 inch clearance.




NOTE: IF FILM CREASES OR CURLS EXCESSIVELY, RE-ADJUST STRIPPER BLADE FOR SLIGHTLY MORE CLEARANCE FROM TENSION BAR UNTIL PROPER STRIPPING OF FILM IS OBTAINED.

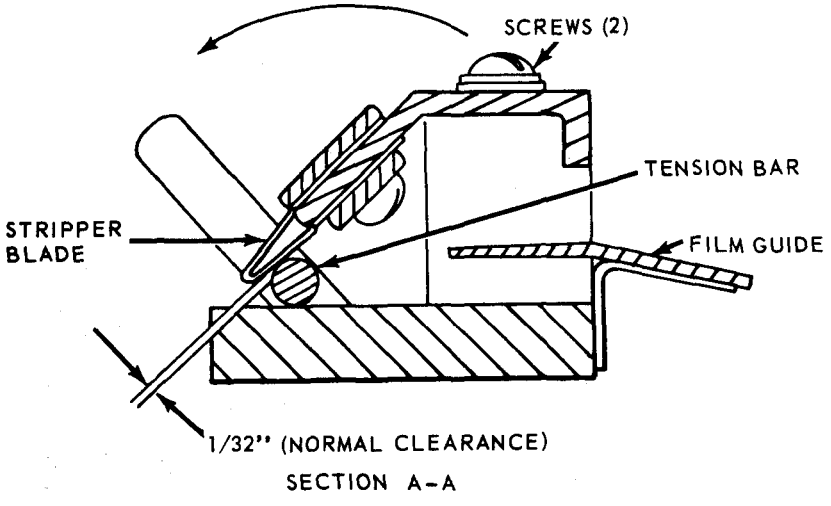



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*Figure 2-10. Film stripper blade adjustment.*

# CHAPTER 3

# OPERATOR MAINTENANCE INSTRUCTIONS

## Section I. BASIC ISSUE ITEMS

### 3-1. Basic Issue Items List

Tools, equipment, and repair parts issued with or authorized for the reproduction set are listed in the basic issue items list, appendix B.

## Section II. LUBRICATION INSTRUCTIONS

### 3-2. Detailed Lubrication Information

*a. General.* Keep all lubricants in closed containers and store in a clean, dry place away from external heat. Allow no dust, dirt, or other foreign material to mix with the lubricants. Keep all lubrication equipment clean and ready for use.

*b. Cleaning.* Keep all external parts not requiring lubrication clean of lubricants. Before lubricating the equipment, wipe all lubrication points free of dirt and grease. Clean all lubrication points after lubricating to prevent accumulation of foreign matter.

*c. Points of Lubrication.* (fig. 3-1)

(1) *Chain.* Lubricate the chain with SAE 30 oil. Wipe excess oil off chain with a clean cloth.

(2) *Sprockets.* Apply a small amount of GAA to sprocket teeth.

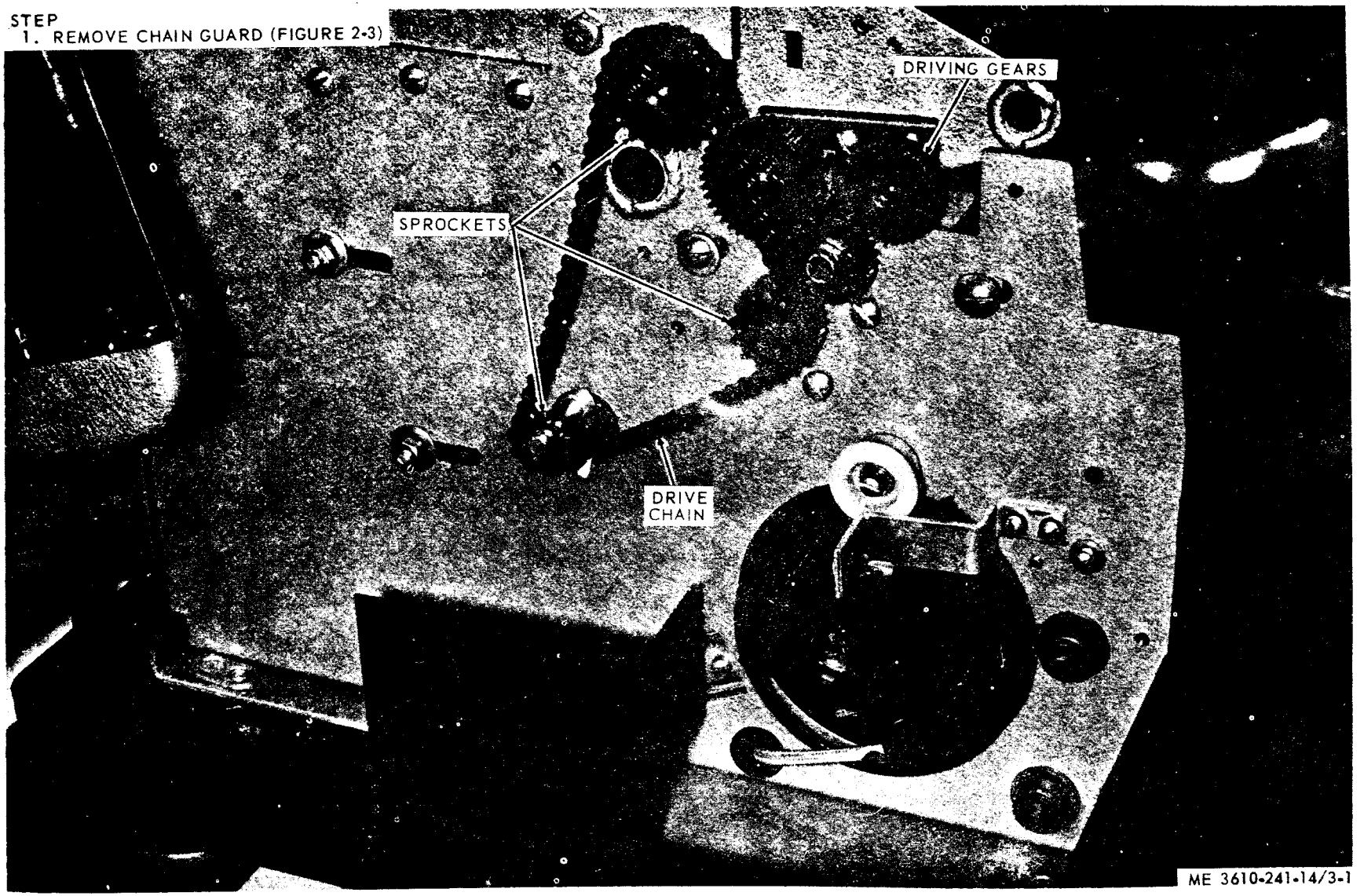



*Figure 3-1. Lubrication points.*

## Section III. PREVENTIVE MAINTENANCE CHECKS AND SERVICES

### 3-3. General

To insure that the reproduction set is ready for operation at all times it must be inspected systematically so that defects may be discovered and corrected before they result in serious damage or failure. The preventive maintenance checks and services to be performed are listed as described in paragraph 3-4. The item numbers indicate the sequence of inspection requirements. Defects discovered during operation of the unit will be noted for future correction to be made as soon as operation has ceased. Stop operation immediately if a deficiency is noted during operation which would damage the equipment if operation were continued. All deficiencies and shortcomings will be recorded together with the corrective action taken on DA FORM 2404 at the earliest possible opportunity.

### 3-4. Preventive Maintenance Checks and Services

Refer to table 3-1.

*Table 3-1. Preventive Maintenance Checks and Services*

| | Interval | | | | | | B — Before Operation<br>D — During Operation | A — After Operation<br>W — Weekly | M — Monthly<br>Q — Quarterly |
|---|---|---|---|---|---|---|---|---|---|
| | Operator | | | | Org. | | | | |
| Item number | Daily | | | W | M | Q | Item to be Inspected | Procedure | Reference |
| | B | D | A | | | | | | |
| 1 | | | | | X | X | | LUBRICATION — OIL SAE 20 (MIL-L-15016) | (para 3-10) |
| 2 | | | | X | | | PRINTER CYLINDER | CLEAN EXTERIOR | (para 3-7) |
| | | | | X | | | PRINTER CYLINDER | CLEAN INTERIOR | (para 3-7) |
| 3 | | X | | | | | TROUGH ASSY. | CLEAN | (para 3-8) |
| 4 | | | | X | | | DEVELOPER ROLLERS | CLEAN | (para 3-8) |
| 5 | X | | | X | | | FINGER GUIDE ASSY. | CLEAN | (para 3-9) |
| 6 | | | | | X | X | HEAT REFLECTOR | CLEAN | (para 3-11) |

## Section IV. TROUBLESHOOTING

### 3-5. Troubleshooting

Refer to table 3-2 for troubleshooting.

*Table, 3-2. Troubleshooting*

| Malfunction | Probable cause | Corrective action |
|---|---|---|
| 1. Tracing Tracing wrinkled | Cylinder out of round | Replace cylinder (para 3-7) |
| 2. Exposure lamp out | Check lamp for burnt out condition | Replace exposure lamp (para 2-2) |
| 3. Finger guide assembly blocks paper | *a.* Finger guide assembly is distorted | *a.* Replace finger guide assembly (para 3-8) |
| | *b.* F guide is set to divert paper from dryer | *b.* Reset finger guide |
| 4. Bottle and cap assembly leaks | Bottle and / or cap is cracked | Replace a defective bottle and / or cap |
| 5. Cylinder breakage | Tension roller shipping screw not removed | Remove tension roller shipping screw |
| 6. Lamp will not light | Loose lamp leads | Check condition of grid caps |
| 7. Developer skipping areas | Developer roller surface is soiled | Clean rollers (para 3-8) |
| 8. Prints not drying | Heater switch selection incorrect for operation | Switch should be in "ON" or "AUTO" position |

## Section V. MAINTENANCE OF THE REPRODUCTION SET

### 3-6. General

instructions in this. section are published for the information and guidance of the operator to maintain the reproduction set.

### 3-7. Printer Cylinder

*a. Removal.*

(1) Refer to figure 2-3 and remove tracing tray, right and left hand lamp housings cover, and disconnect lamp wires.

**CAUTION**

Handle glass printer cylinder with care. Do not scratch polished surface.

(2) Refer to figure 2-4 and remove printer cylinder guide roller, lamp, lamp housing, and printer cylinder.

*b. Cleaning and Inspection.*

(1) Clean the interior and exterior of the cylinder with soft, clean, damp cloth. Then wipe dry with a soft, dry cloth.

(2) Inspect glass for large excessive scratches or cracked condition. Replace a printer cylinder as required.

c. *Installation.*

(1) Refer to figure 2-4 and install the printer cylinder, the cylinder guide roller, lamp holder, and lamp.

(2) Refer to figure 2-3 and install the right hand and left hand lamp housing.

(3) Connect the lamp wires to the lamp terminals.

### 3-8. Trough and Developer Roll

*a. Inspection.* Raise the cabinet section to determine condition of developer section.

**CAUTION**

Do not remove the developer applicating rollers from the yoke. Operate machine while performing any necessary cleaning or inspection of rollers.

*b. Cleaning.*

(1) Drain developer from the reservoir, bottle, and trough.

(2) Clamp drain hose and hang it in its proper position.

(3) Slowly pour 24 ounces of a standard household bleach (5% solution) directly into the developer reservoir and run the machine for about 10 minutes. Drain the solution and flush with clear warm water.

(4) Raise yoke and squeegee trough dry.

(5) Inspect developer rolls for eccentric or bent condition.

### 3-9. Finger Guide Assembly

*a. Removal.* Refer to figure 3-2 and remove the finger guide assembly.

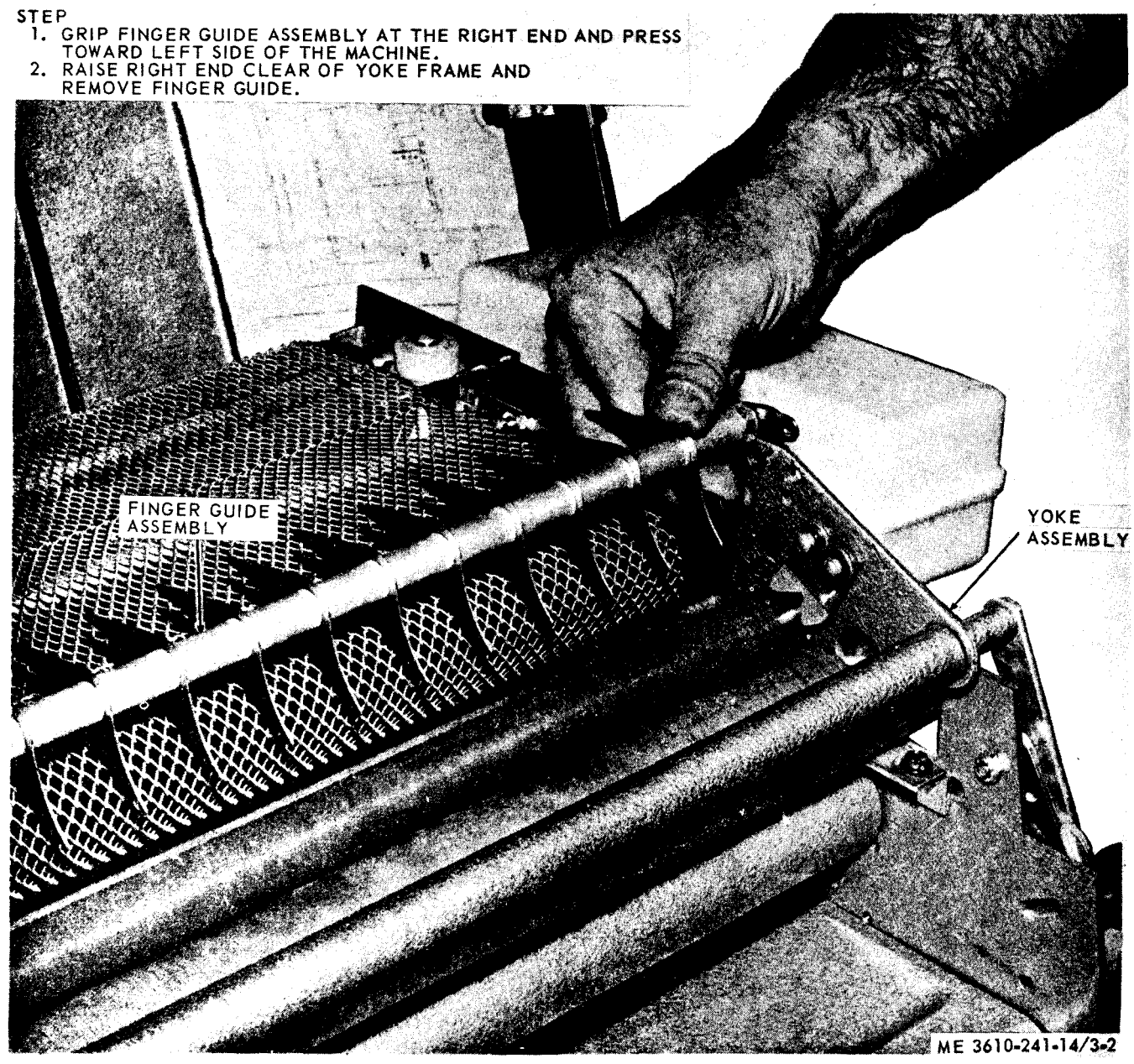



*Figure 3-2. Finger guide assembly removal and installation.*

*b. Inspection and Cleaning.*

(1) Inspect finger guide assembly for proper spring tension to hold assembly in a set position.

(2) Inspect fingers for proper alignment and for dam aged condition. Replace as required.

(3) Clean developer salt accumulation from finger guides with a clean damp cloth.

*c. Installation.* Refer to figure 3-2 and install the finger guide assembly.

### 3-10. Bottle and Cap Assembly

*a. Removal.* Raise the cabinet section and remove the developer plastic bottle from its mounting bracket.

*b. Inspection.*

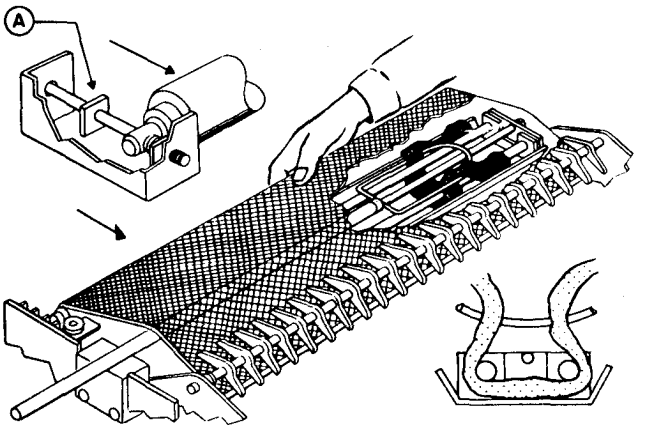
(1) Inspect plastic bottle for evidence of leaks. Replace as required.

(2) Inspect cap and valve for proper sealing action. Replace as required.

*c. Installation.* Install developer bottle in its mounting bracket.

### 3-11. Heat Reflector

Refer to figure 3-3 and clean the heat reflector.




STEP
1. ADD NUT "A" TO BOTH SPRING ASSEMBLIES.
2. COMPRESS TENSION SPRINGS BY MOVING THE TENSION ROLLER FORWARD.

NOTE: SPRINGS MUST BE COMPRESSED THROUGHOUT THE ENTIRE CLEANING OPERATION OR THE MESH CONVEYOR MAY BE STRETCHED OUT OF ALIGNMENT.

3. THREAD NUT "A" AGAINST THE ROLLER SHAFT.
4. INSERT THE CYLINDER CLEANING ROD THE FULL LENGTH OF THE HEATER ASSEMBLY.
5. INSERT A SOFT CLEANING CLOTH AND DRAW THE ROD TO THE LEFT SIDE OF THE MACHINE.

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*Figure 3-3. Heat reflector.*

# CHAPTER 4

# ORGANIZATIONAL MAINTENANCE INSTRUCTIONS

## Section I. REPAIR PARTS, SPECIAL TOOLS AND EQUIPMENT

### 4-1. Tools and Equipment

The tools, equipment. and repair parts issued with or authorized for the reproduction set are listed in basic issue items list, appendix B.

### 4-2. Special Tools and Equipment

No special tools and equipment are required for the organizational maintenance of the reproduction set.

### 4-3. Maintenance Repair Parts

Repair parts and equipment are listed and illustrated in the repair parts and special tools list covering organizational maintenance for equipment in appendix D.

## Section II. LUBRICATION INSTRUCTIONS

### 4-4. Lubrication

No lubricaion required.

## Section III. PREVENTIVE MAINTENANCE CHECKS AND SERVICES

### 4-5. General

To insure that the reproduction set is ready for operation at a1l times, it must be inspected systematically so that defects may be discovered and corrected before they result in serious damage or failure. The preventive maintenance checks and services to be performed are iisted as described in paragraph 4-6. The item numbers indicate the sequence of inspection requirements. Defects discovered during operation of unit will be noted for future (correction to be made as soon as operation has ceased. Stop operation immediately if a deficiency is noted during operation which would damage the equipment if operation were continued. All deficiencies and shortcomings will be recorded together with the corrective action taken on DA Form 2404 at the earliest possible opportunity.

### 4-6. Preventive Maintenance Checks and Services

Refer to table 4-1.

*Table 4-1. Preventive Maintenance Checks and Services*

| Item number | Interval Org. M | Interval Org. Q | Item to be Inspected | Procedure | Reference |
|---|---|---|---|---|---|
| | | | | M — Monthly<br>Q — Quarterly | |
| 1 | X | | DEVELOPER ROLLERS | INSPECT | (para 4-27) |
| 2 | X | | DEVELOPER TROUGH | CLEAN | (para 4-28) |
| 3 | X | | REPRODUCTION SET | HOUSEKEEPING: CLEAN DUST FROM DUCTS AND INSIDE MACHINE. CLEAN FEED BOARD AND CABINET. | |

## Section IV. TROUBLESHOOTING

### 4-7. General

This section provides inform ation useful in diagnosing and correcting unsatisfactory operation or failure of the reproduction set and its components. Malfunctions which may occur are listed in table 4-2. Each malfunction stated is followed by a list of probable causes of the trouble. The corrective action recommended is described opposite the probable cause.

*Table 4-2. Troubleshooting*

| Malfunction | Probable cause | Corrective action |
|---|---|---|
| 1. Gears binding | Gear backlash needs adjusting | Adjust gear backlash (para 4-13) |
| 2. Fuse blowing frequently | Check machine for eccentric or bent rollers; dry, frozen, or defective roller bearings | Replace defective developer rolls. Check gear backlash adjustment (para 4-13) |
| 3. Tracings wrinkled | *a.* Band tension too great | *a.* Reloca tension springs |
| | *b.* Tracing tray assy. out of horizontal adjustment | *b.* Adjust tracin tray supports |
| | *c.* Contact bands have shrunk | *c.* Replace contact bands (para 4-19) |
| 4. Cylinder breakage | Shrunken or tight contact bands | Replace contact bands (para 4-19) |

## Section V. MAINTENANCE OF REPRODUCTION SET

### 4-8. General

This section contains instructions for the use of organizational personnel maintaining the reproduction set as allocated by the Maintenance Allocation Chart. It provides information on organizational maintenance of the equipment, its accessories and auxiliaries.

### 4-9. Shock Mount Plate Assembly

*a. Removal.* Refer to figure 4-1 and remove the shock mount plate assembly from the machine.

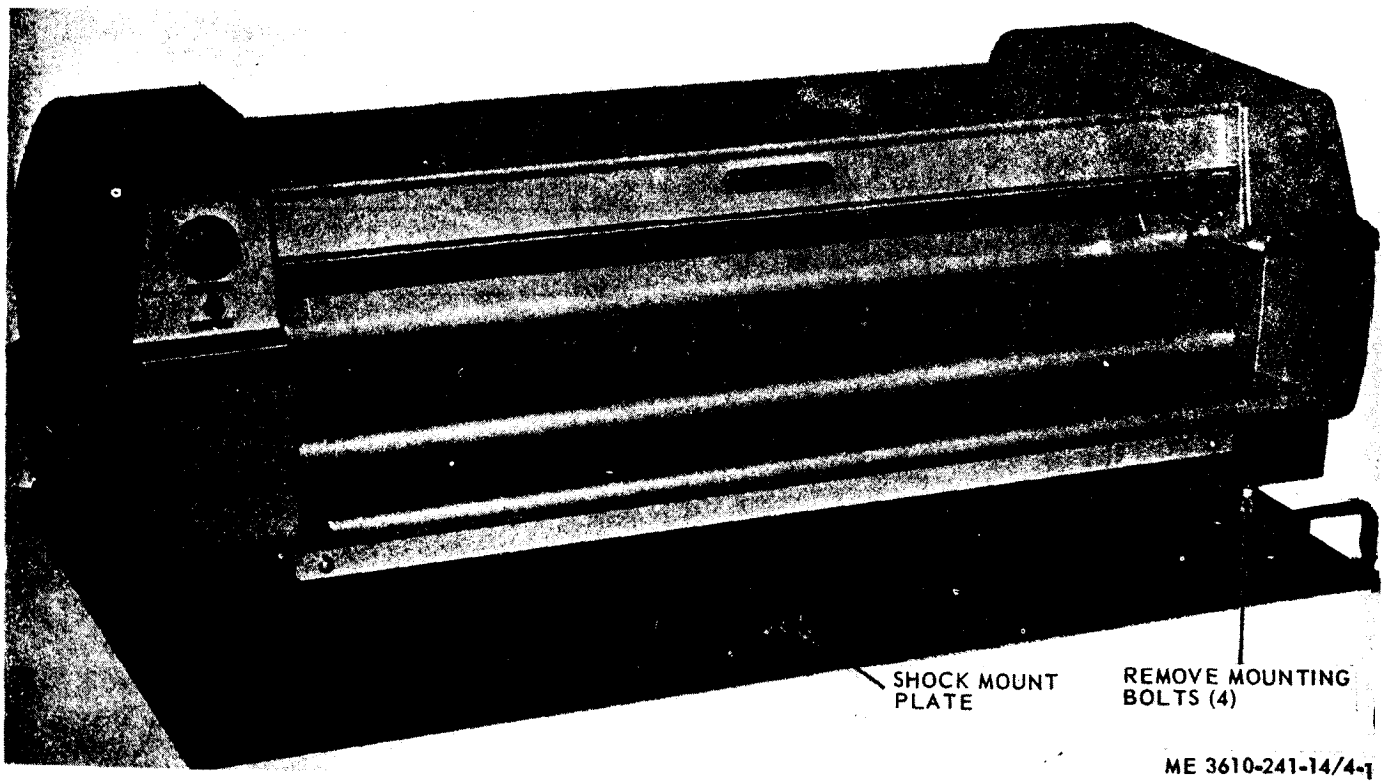



*Figure 4-1. Shock mount plate removal and installation.*

*b. Cleaning and Inspection*

(1) Clean all parts in cleaning solvent Fed. E-D-680.

(2) Inspect the base plate and channel for a distorted condition.

(3) Inspect handles, shock mounts, and hardware for evidence of damage. Repair or replace as required.

*c. Installation.* Refer to 4-1 and install the shock mount plate on the machine.

### 4-10. Cabinet Section Assembly

*a. Removal.* Refer to figure 4-2 and remove the cabinet section.

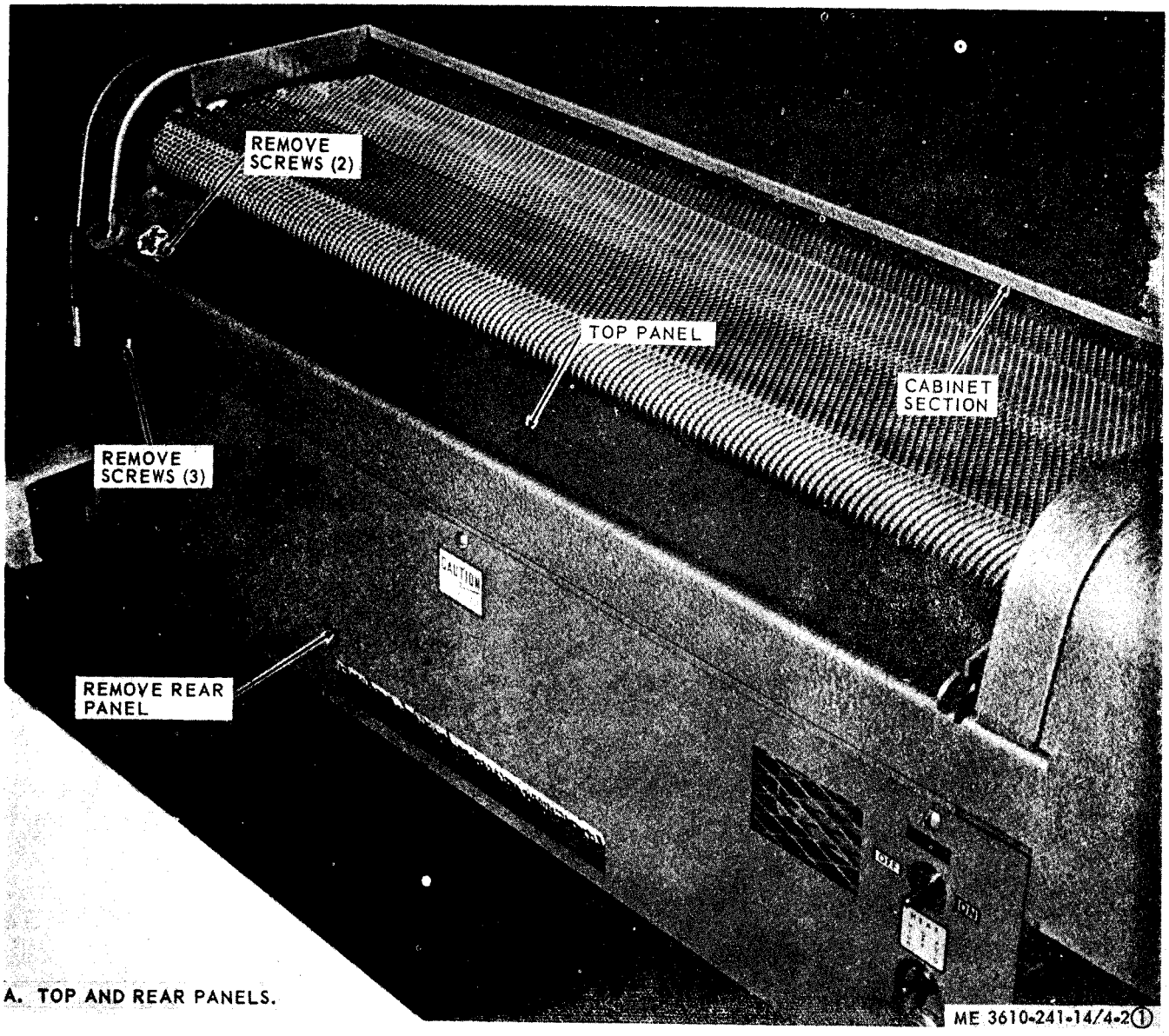
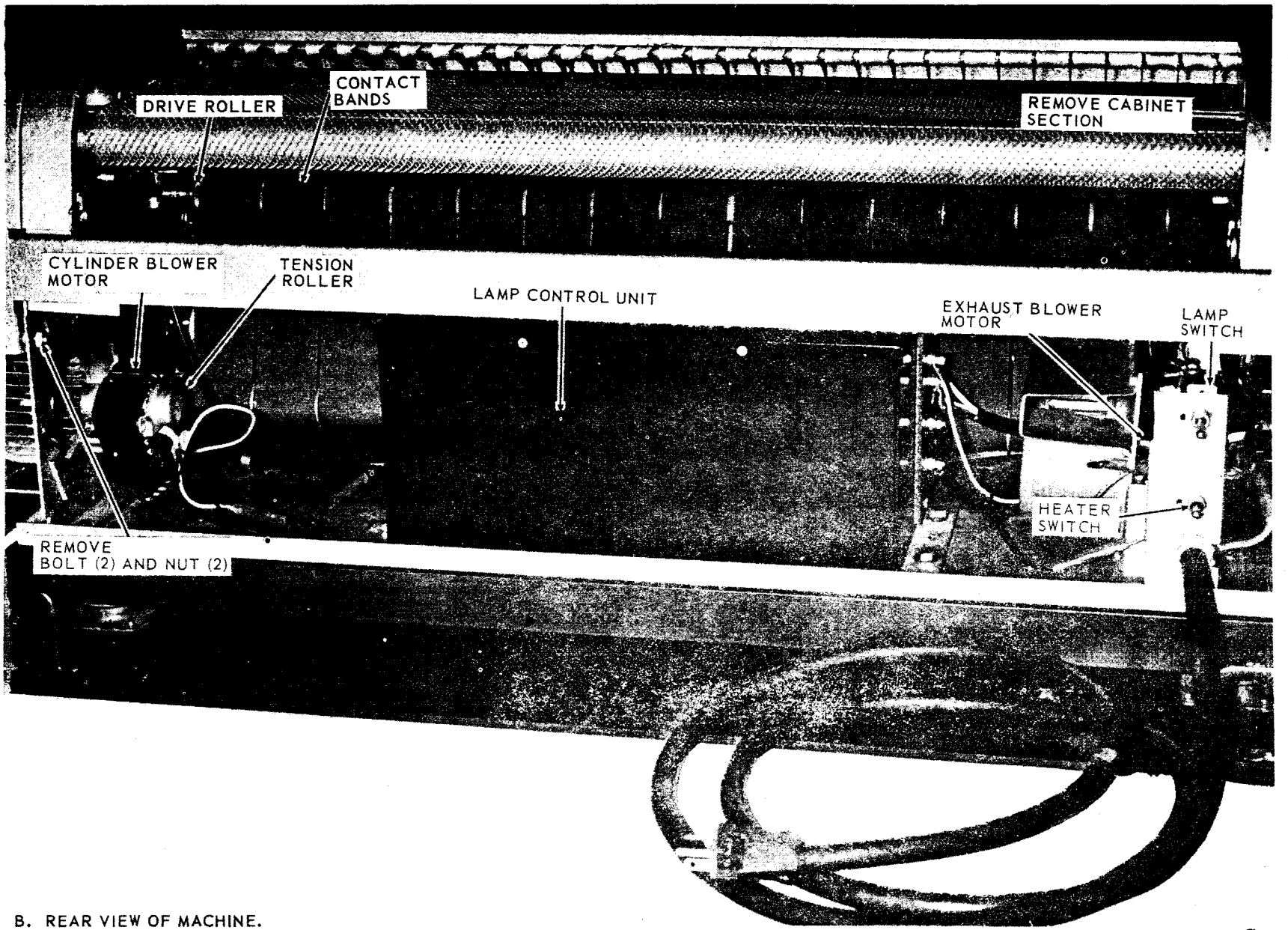



*Figure 4-2. Cabinet section assembly removal and installation (sheet 1 of 2).*




B. REAR VIEW OF MACHINE.

*Figure 4-2. Cabinet section assembly removal and installation (sheet 2 of 2).*

*b. Disassembly.* Remove right hand and left hand escutcheon, control unit, and exhaust louvers.

c. *Cleaning and Inspection.*

(1) Clean cabinet with cleaning solvent Fed. E-D-680 and dry with a clean dry cloth.

(2) Inspect cabinet for damage. Replace as required.

*d. Reassembly.* Attach escutcheons, control unit, louvers, and trim on the cabinet section.

*e. Installation.* Refer to figure 4-2 and install the cabinet section.

**4-11. Carrying Case**

Inspect carrying case for damage. Repair case as required. However, should the extent of damage warrant replacing the case, notify direct support to construct a new carrying case.

**4-12. Chain Assembly**

*a. Removal.*

(1) Raise cabinet section.

(2) Refer to figure 4-3 and remove the drive chain.

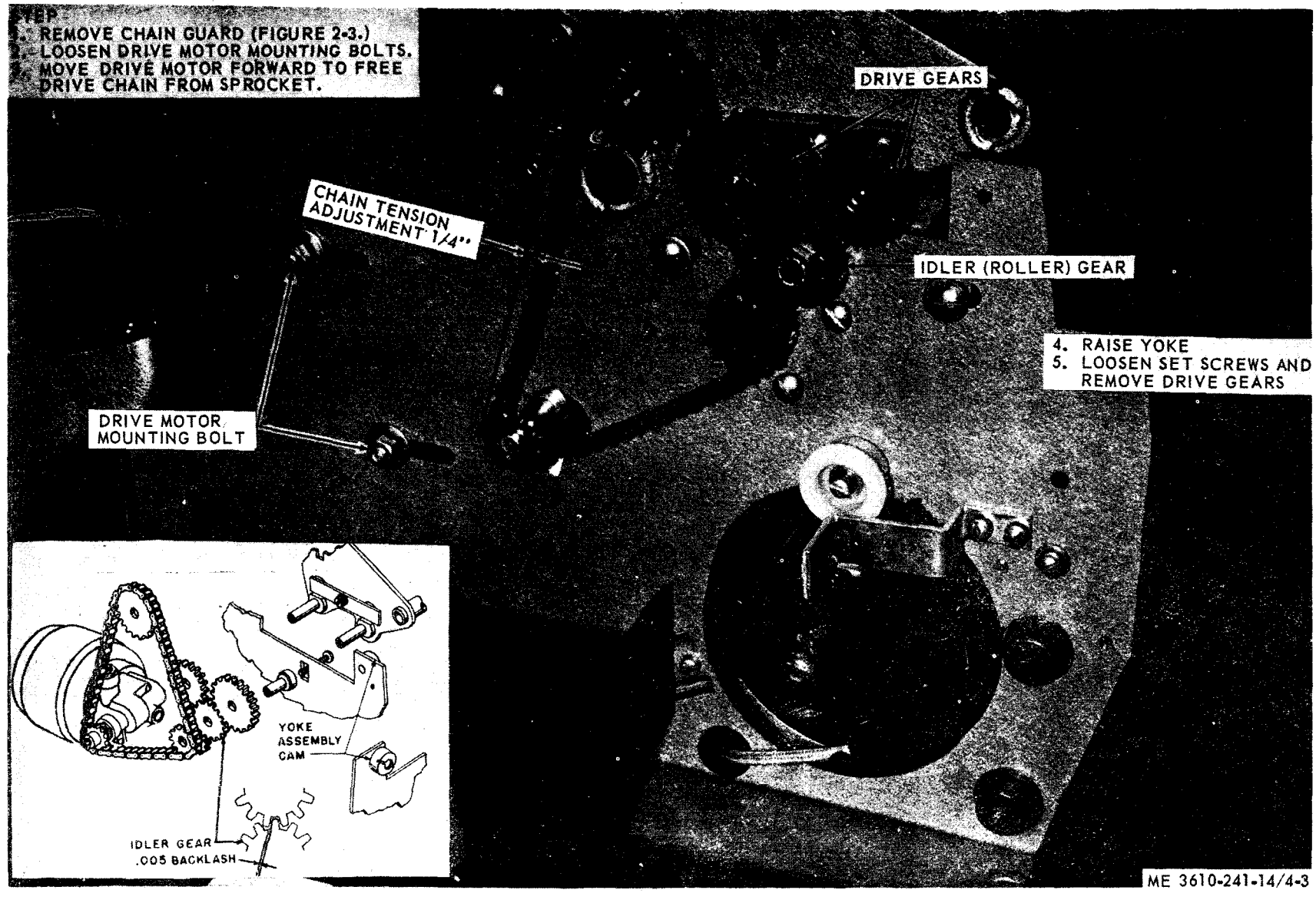



*Figure 4-3. Drive chain removal and installation.*

*b. Cleaning and Inspection.*

(1) Clean chain by washing in cleaning solvent FED E-D-680, and dry with a clean dry cloth. Oil lightly with No. 10 oil.

(2) Inspect chain for evidence of excessive wear, cracked and/or broken links. Replace as required.

*c. Installation.*

(1) Refer to figure 4-3 and install the drive chain.

(2) Chain tension is adjusted by loosening the drive motor mounting bolts. Adjustment for the chain should be ¼ inch play in the longest run.

**4-13. Drive Gears**

*a. Removal.* Refer to figure 4-3 and remove the drive gears.

*b. Cleaning and Inspection.*

(1) Clean all parts in cleaning solvent Fed. E-D-680.

(2) Inspect gears for excessive wear, broken teeth, and distorted condition.

*c. Installation.*

(1) Refer to figure 4-3 and install the drive gears.

(2) Refer to figure 4-3 and adjust idler gear mesh with roller gear.

**4-14. Fuse**

*a. Removal.*

(1) Raise cabinet section and locate fuses on speed control unit.

(2) Refer to figure 4-4 and remove the fuse.

*b. Inspection.*

(1) Inspect fuse for a “blown” condition.

(2) Replace fuse as required.

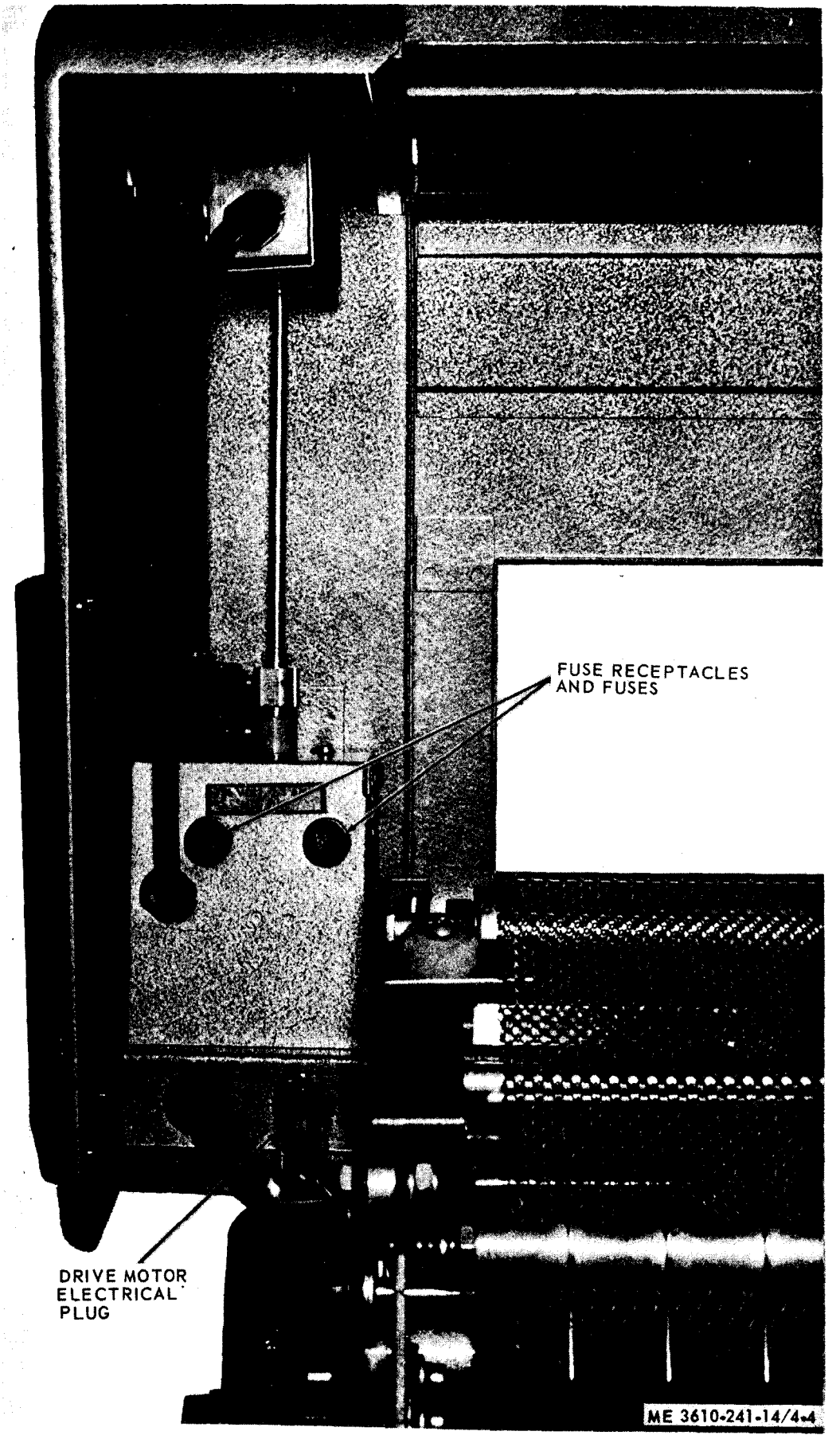



*Figure 4-4. Fuses.*

*c. Installation.* Refer to figure 4-4 and install the fuse.

**4-15. Lamp Switch**

*a. Removal.*

(1) Refer to figure 4-2 and remove the lamp switch from the rear panel.

(2) Disconnect wires and tag.

*b. Inspection.* Inspect the switch for damage and for proper operation. Replace as required.

*c. Installation.* Refer to figure 4-2 and install the lamp switch.

**4-16. Heater Switch**

*a. Removal.*

(1) Refer to figure 4-2 and remove the heater switch from the rear panel.

(2) Disconnect wires and tag.

*b. Inspection.* Inspect switch for damage and for proper operation. Replace as required.

*c. Installation.* Refer to figure 4-2 and install the heater switch on the rear panel.

**4-17. Heater**

*a. Removal.*

(1) Raise cabinet section.

(2) Refer to figure 4-5 and remove the heater.

(3) Replace heater as required.

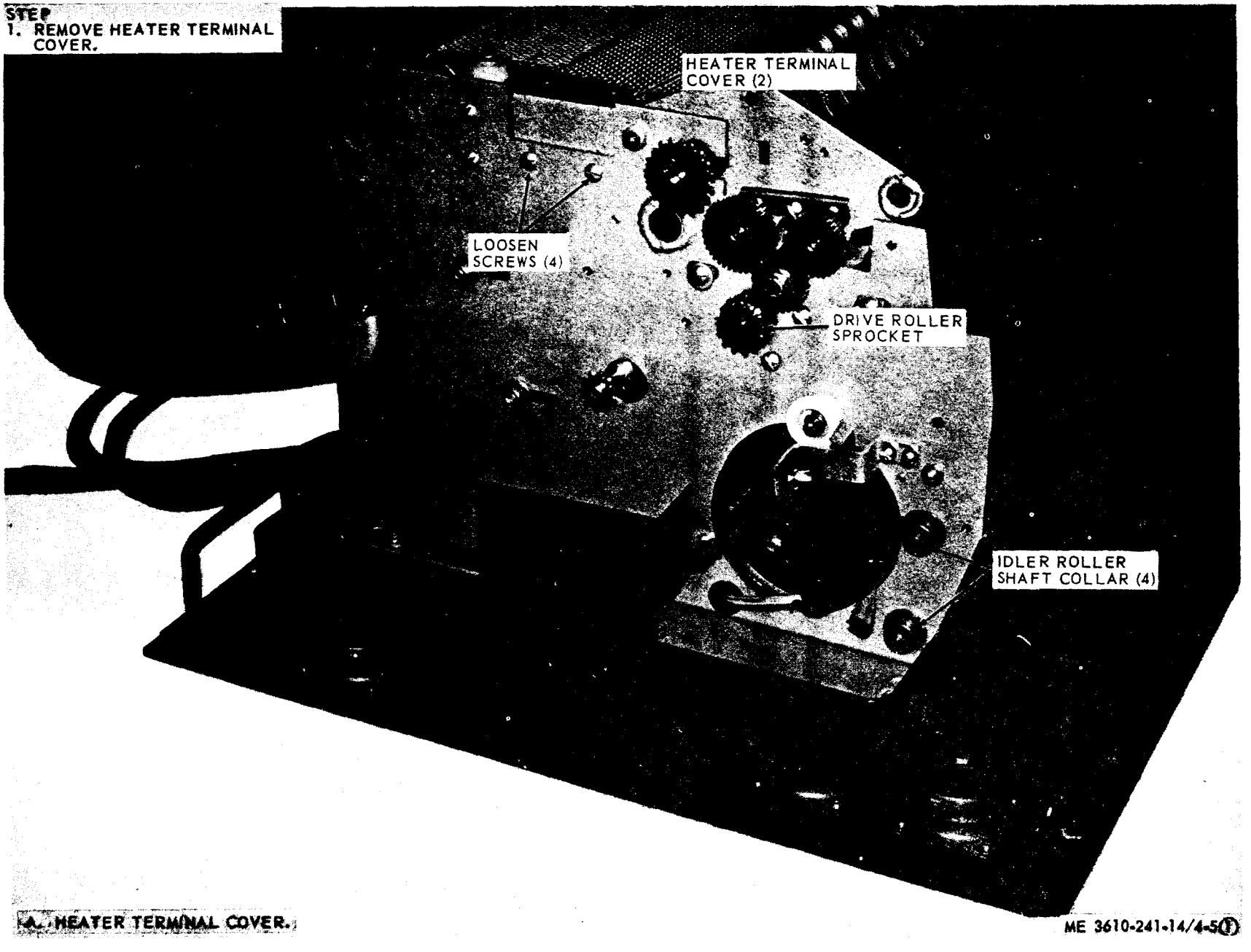



*Figure 4-5. Heater, removal and installation (sheet 1 of 2).*

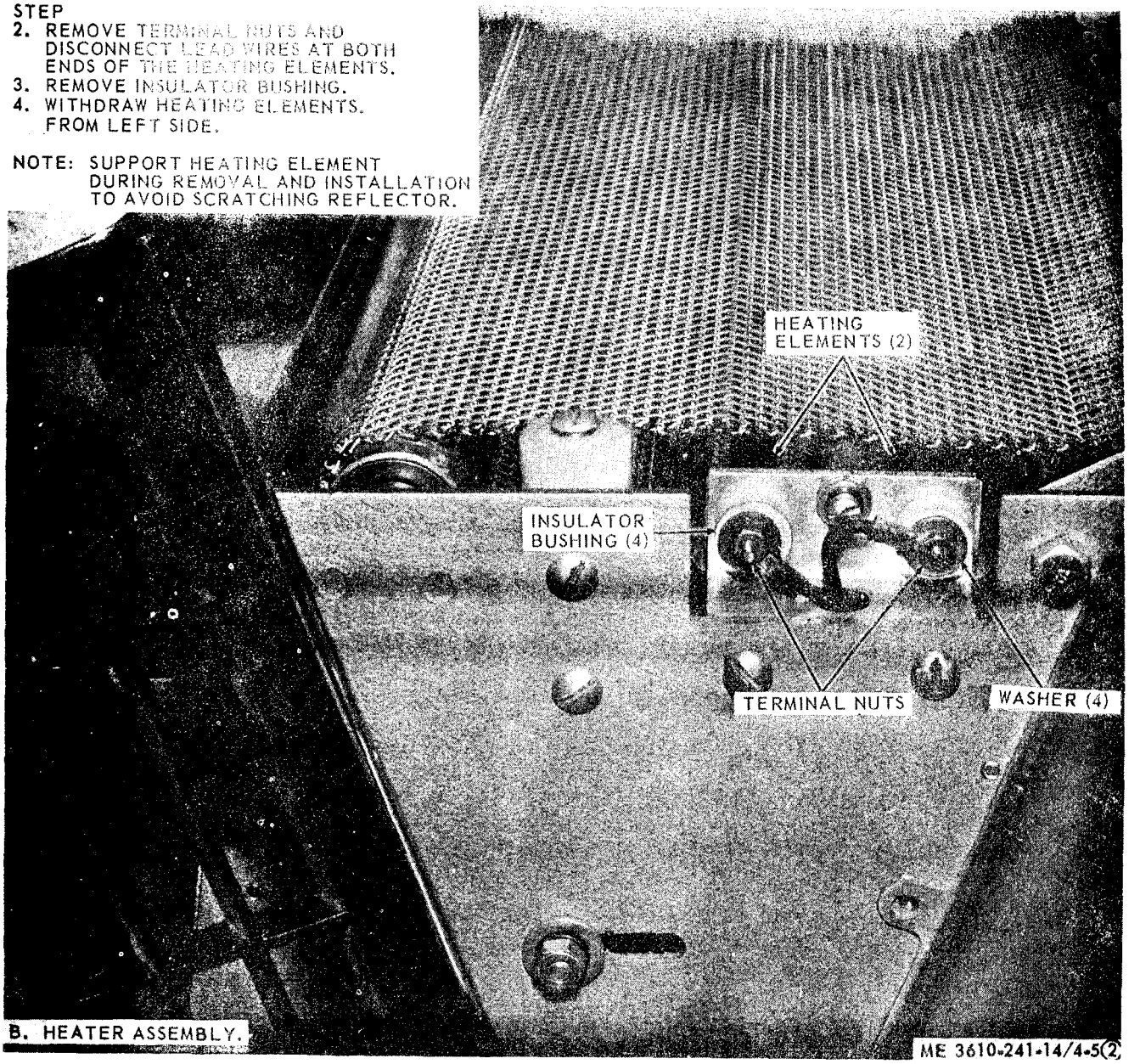



*Figure 4-5. Heater, removal and installation (sheet 2 of 2).*

***b. Installation.*** Refer to figure 4-5 and install the heater.

## 4-18. Printer Guide Assembly

*a. Refer to figure 4-6 and remove the printer guide assembly.*

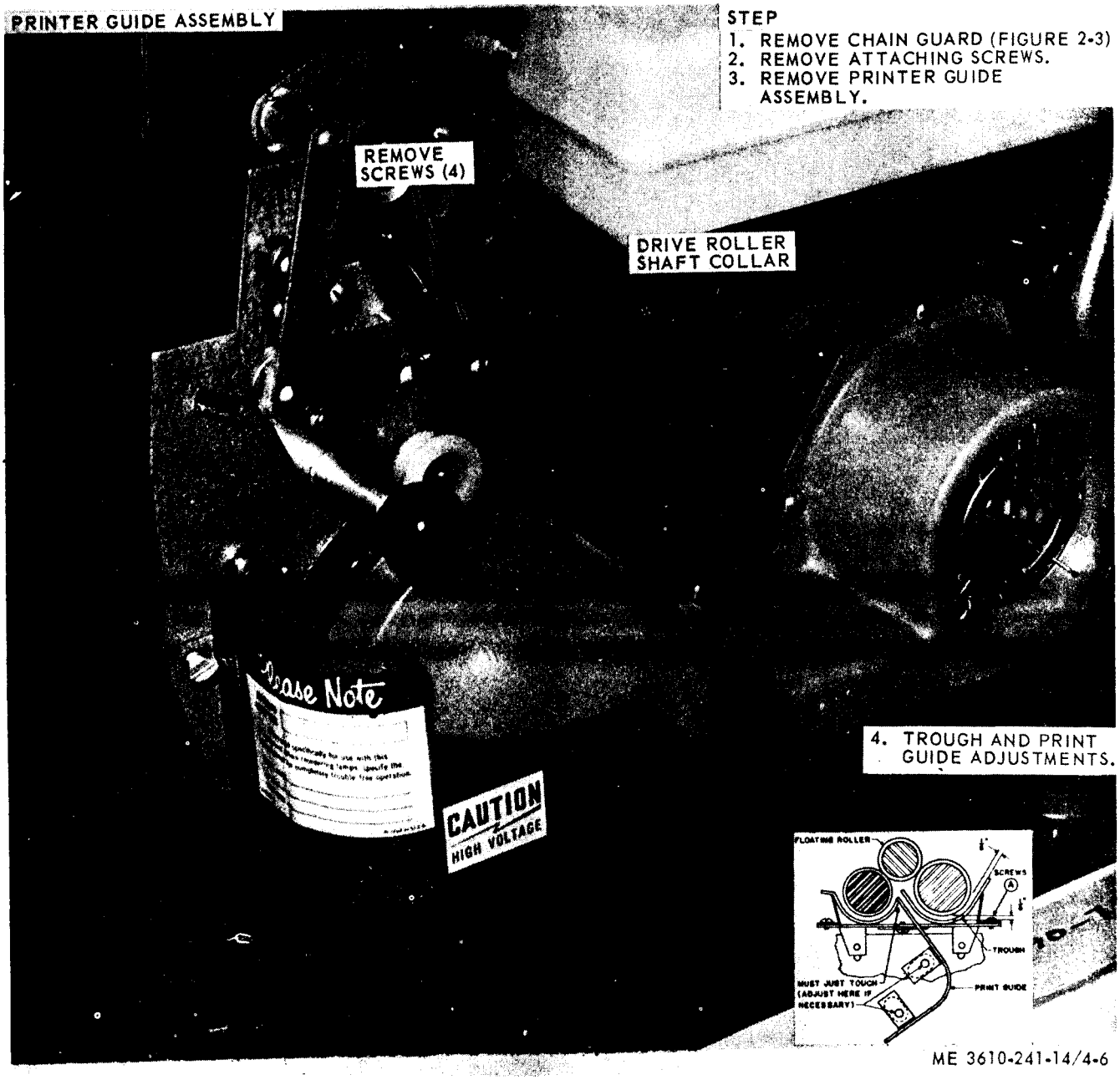



*Figure 4-6. Printer guide assembly, removal and installation.*

*b. Cleaning and Inspection.*

(1) Clean printer guide with a clean damp cloth. The spring paper clip guides are "free sliding" condition.

(2) Inspect spring paper guide clips for damage or missing condition. Spring clips should adapt to horizontal travel of contact band.

*c. Installation.* Refer to figure 4-6 and install the printer guide assembly on the machine.

*d. Adjustment.* Refer to figure 4-6 and adjust printer guide assembly in relation to developer trough.

### 4-19. Contact Bands

*a. Removal.*

(1) Raise cabinet section.

(2) Refer to figure 4-7 and remove contact bands.

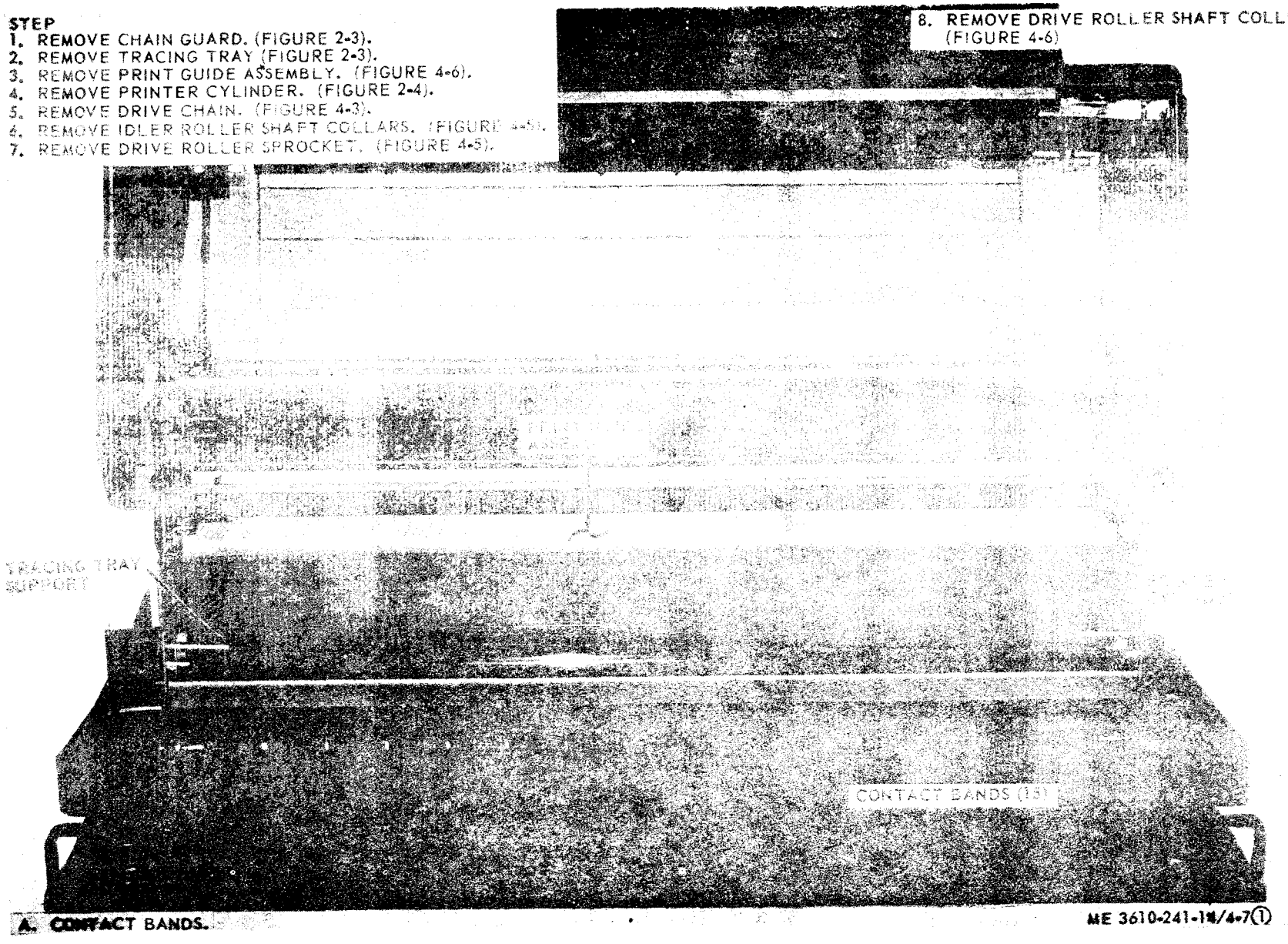



*Figure 4-7. Contact bands, removal and installation (sheet 1 of 2)*

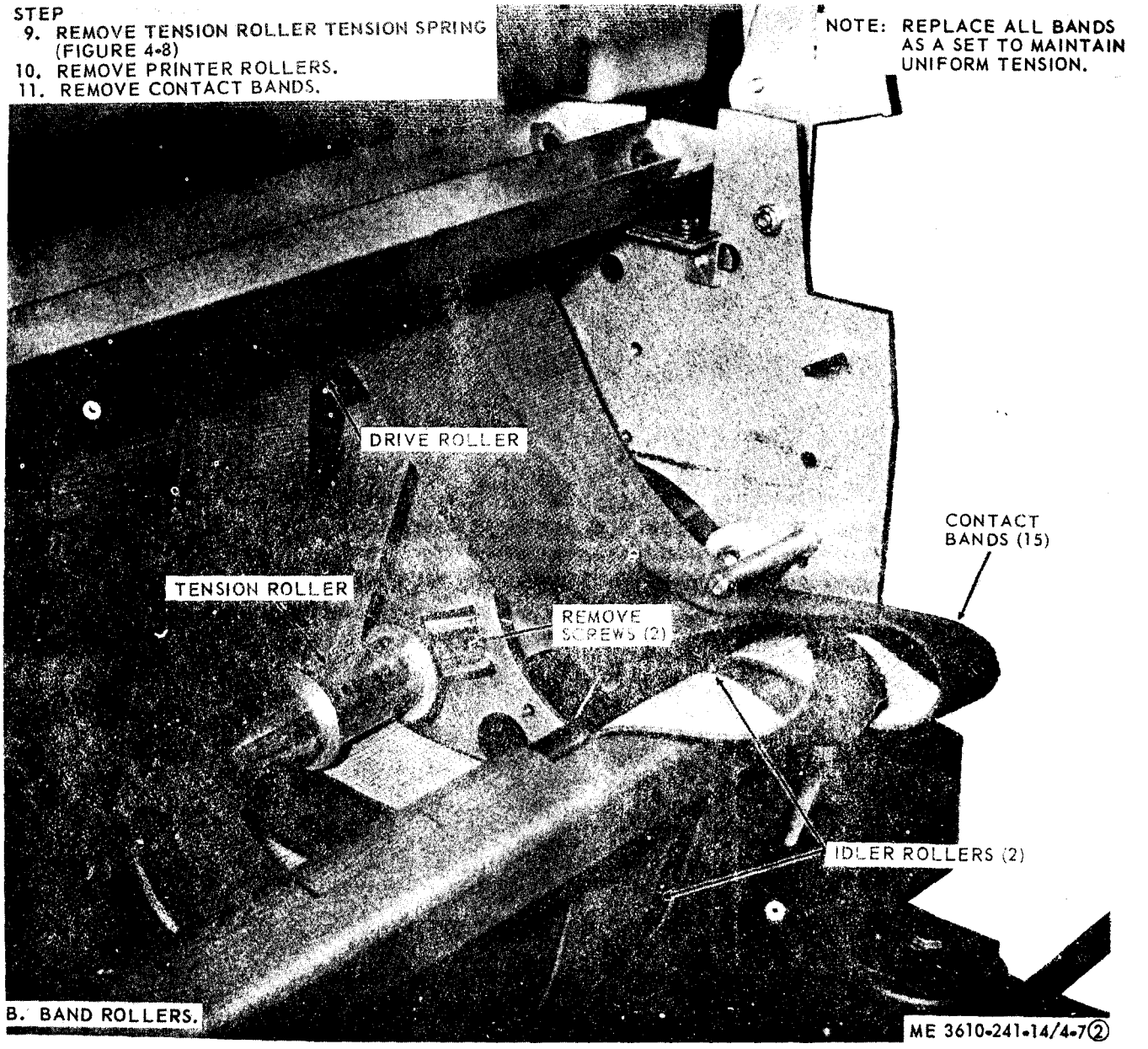



*Figure 4-7. Contact bands, removal and installation (sheet 2 of 2).*

*b. Inspection.*

(1) Inspect bands for uniform tension, evidence of deterioration and/or stretched condition.

(2) Replace as required.

*NOTE*

Replace all bands to maintain uniform tension.

*c. Installation.* Refer to figure 4-7 and install drive roller, cylinder, bands, guide rollers, print. tray and tracing tray.

### 4-20. Printer Rollers

*a. Removal.* Refer to figure 4-7 and remove the printer rollers.

*b. Inspection and Cleaning.*

(1) Inspect bearings for damage and/or evidence of excessive wear. Clean nylon bearings in soap and water.

(2) Replace as required.

*c. Installation.* Refer to figure 4-7 and install the printer rollers.

### 4-21. Conveyor Roller Assembly

*a. Removal.*

(1) Raise the yoke assembly.

(2) Refer to figure 4-8 and remove the conveyor roller assembly.

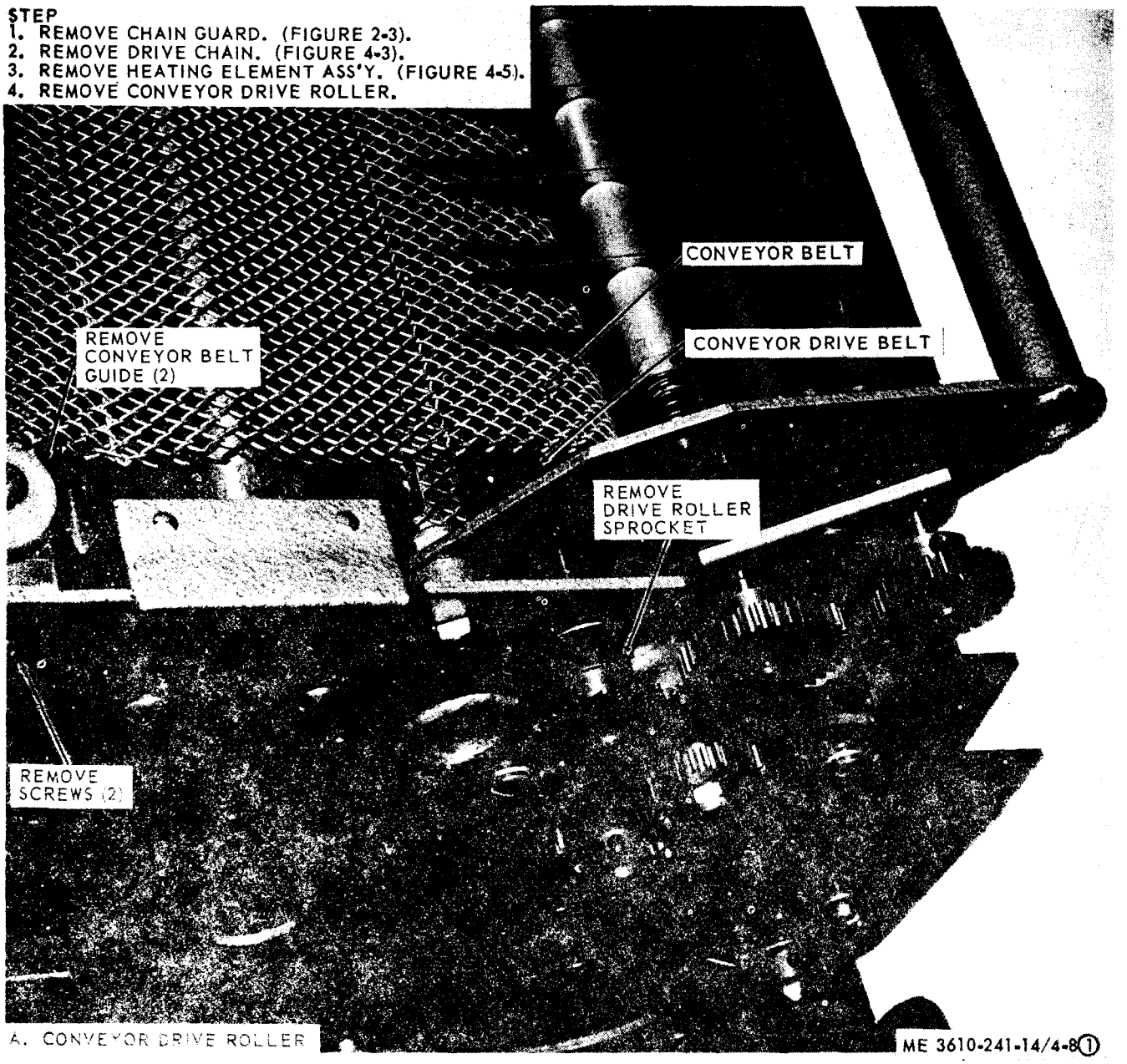



*Figure 4-8. Conveyor and roller assembly removal and installation. (sheet 1 of 2).*

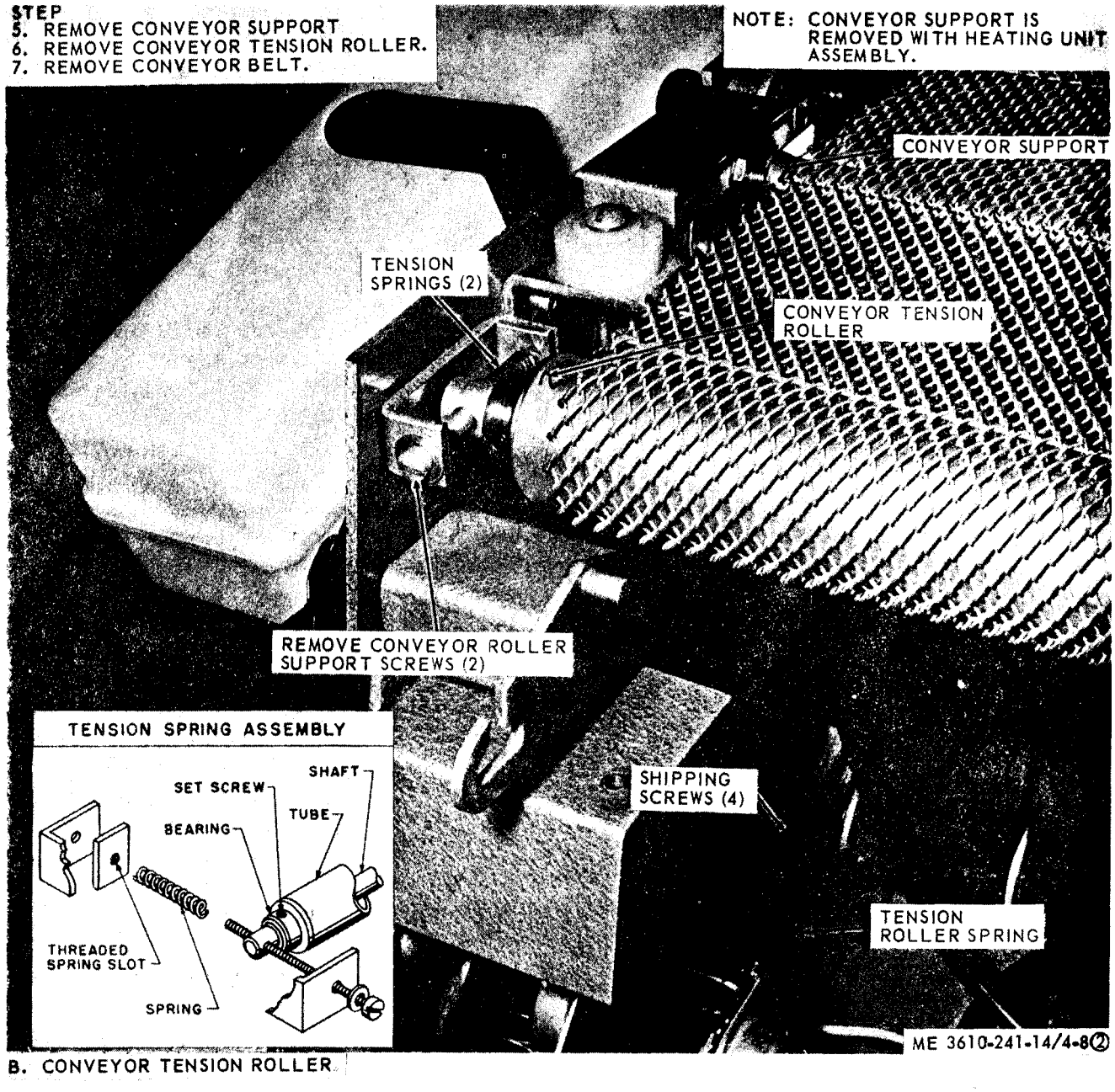



*Figure 4-8. Conveyor and roller assembly removal and installation. (sheet 2 of 2).*

*b. Inspection and Cleaning.* Inspect bearings for damage and/or evidence of excessive wear. Replace as required.

*c. Installation.* Refer to figure 4-8 and install the conveyor and roller assembly.

### 4-22. Conveyor Guide Assembly

*a. Removal.* Refer to figure 4-8 and remove the conveyor guide assemblies.

*b. Inspection.* Inspect the guide for damage and for evidence of excessive wear. Replace as required.

c. *Installation.* Refer to figure 4-8 and install the conveyor guide assemblies.

### 4-23. Conveyor Support Assembly

*a. Removal.* Refer to figure 4-8 and remove the conveyor support assembly.

*b. Inspection.* Inspect the components of the conveyor support assembly for damage. Replace as required.

c. *Installation.* Refer to figure 4-8 and install the conveyor support assembly.

### 4-24. Conveyor Belt

*a. Removal.*

(1) Remove the conveyor roller assembly (para 4-21).

(2) Remove the heater assembly (para 4-17).

(3) Remove the conveyor belt.

*b. Inspection.* Inspect wire links for breaks and warped condition. Replace as required.

*c. Installation.* Install conveyor belt, heater assembly (para 4-17), and the conveyor rollers (para 4-21).

## 4-25. Reservoir Assembly

*a. Removal.*

(1) Drain reservoir assembly.

(2) Remove plastic bottle.

(3) Refer to figure 4-9 and remove the developer reservoir.

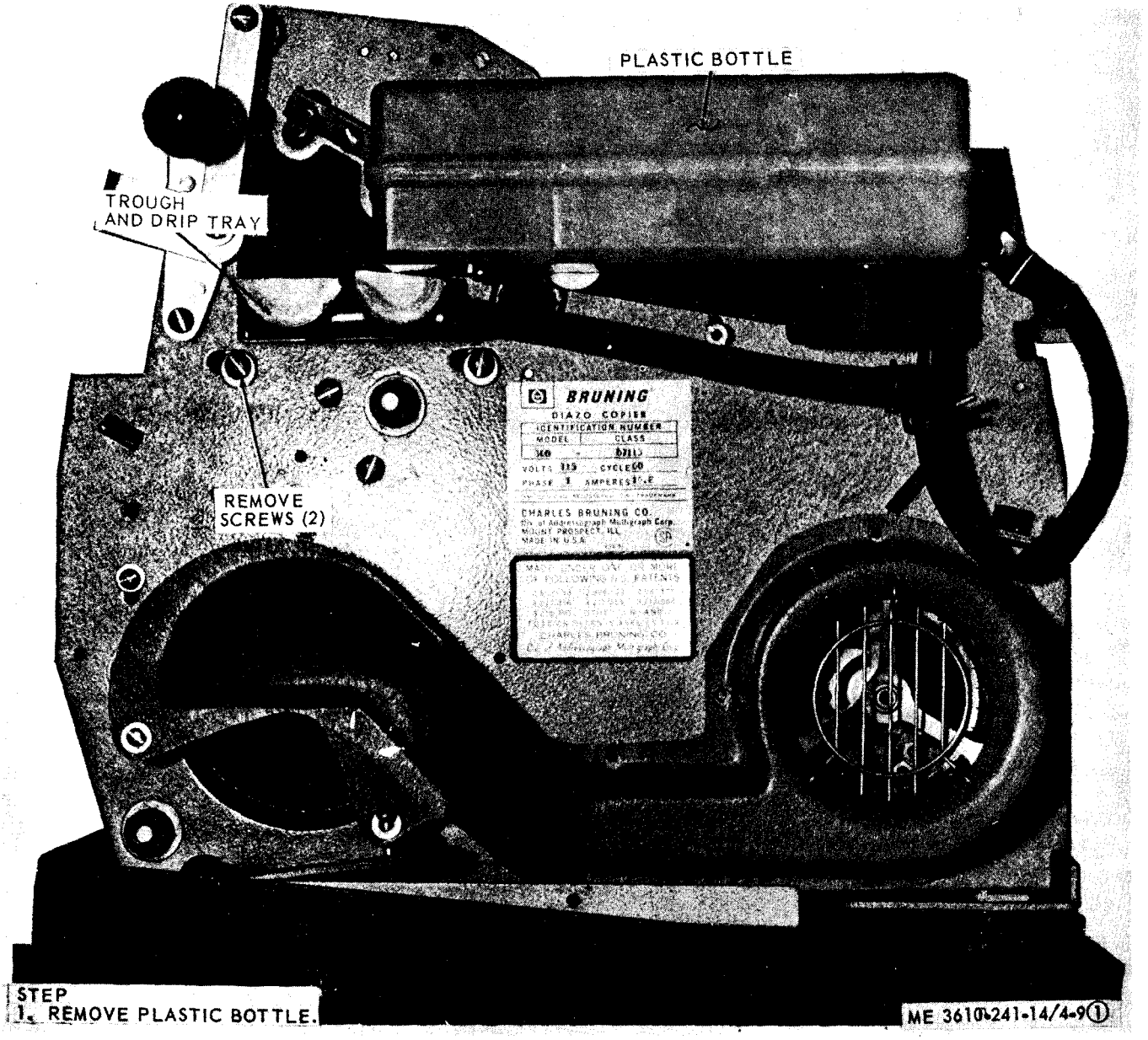



*Figure 4-9. Developer reservoir, and trough removal and installation. (sheet 1 of 2)*

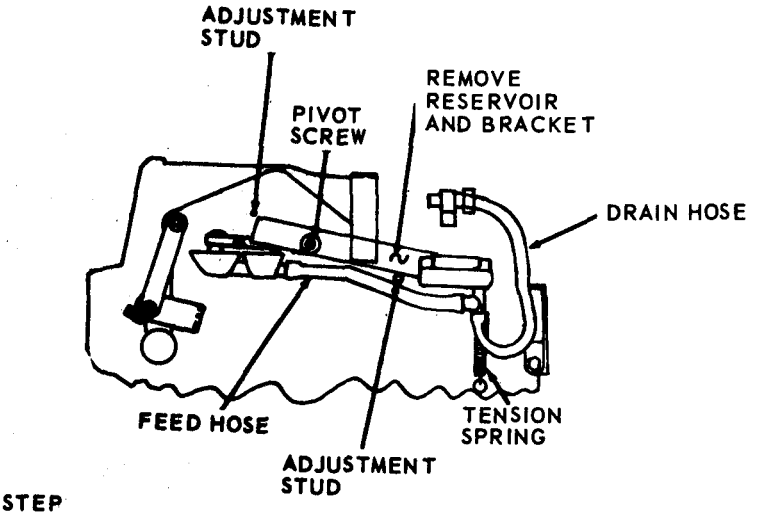



***Figure 4-9. Developer reservoir, and trough removal and installation. (sheet 2 of 2)***

*b. Inspection.*

(1) Inspect mounting bracket for secure mounting.

(2) Inspect plastic bottle and hose for evidence of leaks. Repair or replace as required.

*c. Installation:*

(1) Refer to figure 4-9 and install the developer reservoir.

(2) Fill reservoir and check for level condition as described in paragraph 2-3.

### 4-26. Finger Guide Assembly

*a. Removal.* Finger guide is held in place under spring tension. Grip finger guide assembly near right end and apply pressure toward the left end. Swing right end of finger guide free from yoke and withdraw left end from opposite side of the yoke.

*b. Inspection.* Inspect finger guide for damage or distorted condition. Replace and/or repair as required.

*c. Installation.* Insert left end (spring end) into appropriate hole in yoke frame. Compress spring until right end will snap into place.

### 4-27. Developer rollers

*a. Removal.* Refer to figure 4-10 and remove the developer rollers.

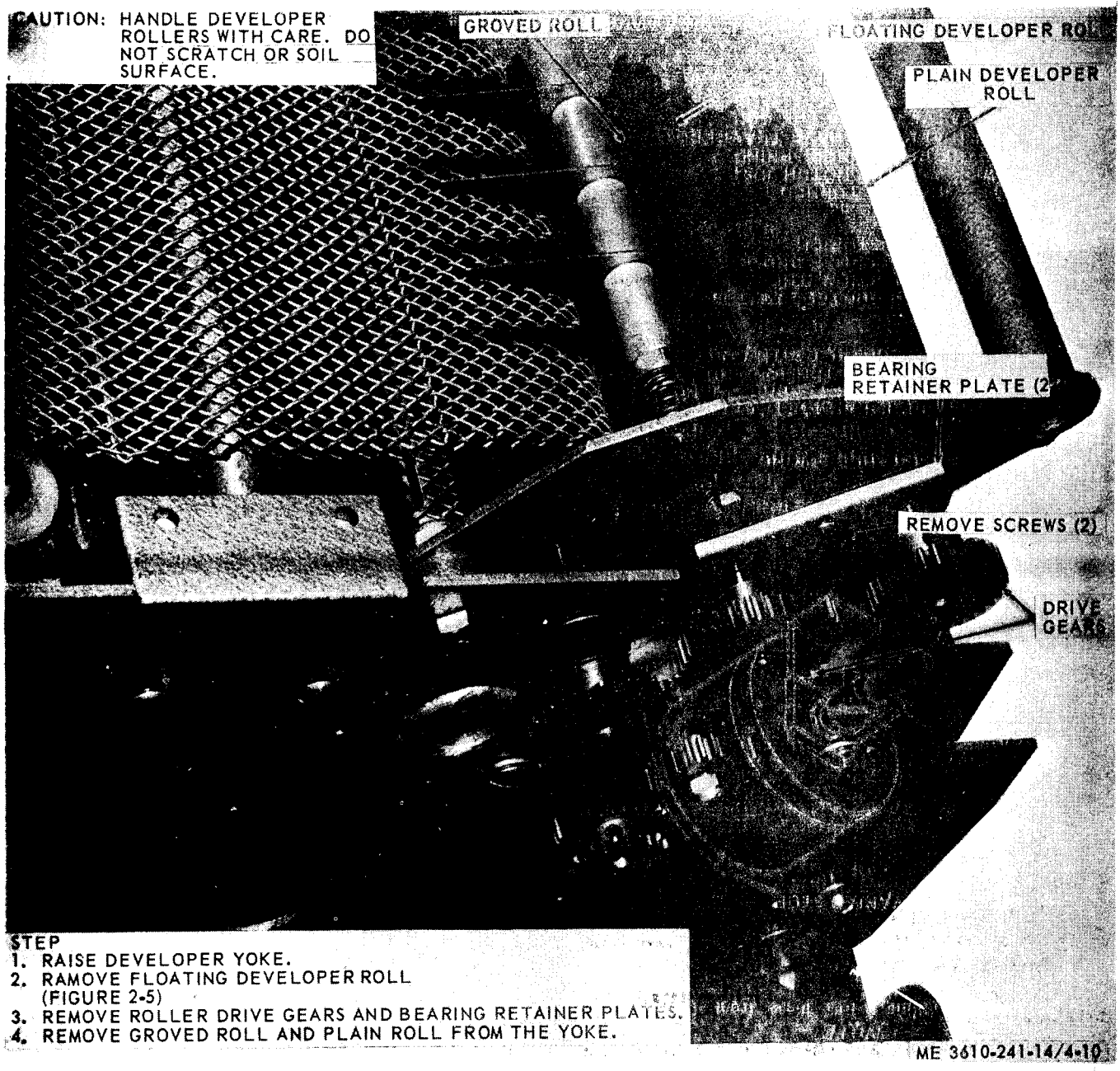



*Figure 4-10. Developer rollers, removal and installation.*

*b. Inspection.* Inspect rollers for nicks, dents and clogged grooves. Replace rollers as required.

c. *Installation.* Refer to figure 4-10 and install the developer rollers.

## 4-28. Trough assembly

*a. Removal.*

(1) Raise the yoke assembly.

(2) Drain developer solution from the reservoir and disconnect feed hose from trough.

(3) Refer to figure 4-9 and remove the developer trough.

*b. Inspection and Cleaning*

(1) Inspect trough and drip tray for damage.

(2) Clean trough and drip with damp cloth.

(3) Replace trough assembly as required.

*c. Installation.* Refer to figure 4-9 install the trough assembly on the machine and connect the feed line and drain line to the reservoir.

*d. Reservoir.* Fill reservoir (para 2-9).

# CHAPTER 5

# DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE INSTRUCTIONS

## Section I. REPAIR PARTS, SPECIAL TOOLS AND EQUIPMENT

### 5-1. Special Tools and Equipment

No special tools and equipment are required for the direct and general support maintenance of the reproduction set.

### 5-2. Maintenance Repair Parts

Repair parts and equipment are listed and illustrated in the repair parts and special tools list covering direct support and general support maintenance in appendix D of this manual.

## Section II. TROUBLESHOOTING

### 5-3. General

This section provides information useful in diagnosing and correcting unsatisfactory operation or failure of the reproduction set and its components. Malfunctions which may occur are listed in table 5-1. Each malfunction stated is followed by a list of probable causes of the trouble. The corrective action recommended is described opposite the probable cause.

*Table 5-1. Troubleshooting*

| Malfunction | Probable cause | Corrective action |
|---|---|---|
| 1. Machine will not operate | *a.* Main switch is loose | *a.* Adjust and tighten (para 5-9) |
| | *b.* Loose drive sprocket | *b.* Check for loose drive sprocket - secure drive sprocket |
| | *c.* Defective gearhead assembly | *c.* Check for stripped gears. Replace as required |
| 2. Machine will not drive bands, rollers and etc. | *a.* Incorrect output voltage from variable transformer | *a.* Check output voltage (para 5-9) |
| | *b.* Motor brushes are defective | *b.* Check brushes - replace as required |
| | *c.* Incorrect voltage output from silicon rectifiers | *c.* Check D. C. voltage from rectifiers (para 5-9) |
| 3. Lamp will not light | Incorrect secondary voltage from lamp control unit | Check for proper voltage (para 5-8) |
| 4. Lamp and cooling system not operating | Blower inoperative | Check for stalled blower motor. Adjust blower wheel alignment |
| 5. Copies are not drying | Heating units are defective | Check continuity of heating units (para 5-10) |
| 6. Machine drive fails at various speed setting | Poor contact between brush arm and windings on variable transformer | Increase brush arm tension (para 5-9) |
| 7. Fuses blow frequently | *a.* Excessive voltage output from silicon bridge | *a.* Check voltage output (para 5-9) |
| | *b.* Drive motor defective | *b.* Test motor and replace as required (para 5-7) |

## Section III. GENERAL MAINTENANCE

### 5-4. Cabinet Assembly

*a.* Remove the cabinet section from the machine (para 4-10).

*b.* Inspect the cabinet for cracks, broken welds. and damaged paint.

*c.* Repair cabinet as required. Repair to cabinet is limited to straightening dents, painting, and welding.

*d.* Install cabinet section on machine (para 4-10).

### 5-5. Base Assembly (Chassis)

*a.* Inspect base assembly for evidence of cracked or broken welds, and distorted members. Repair or replace base assembly as required.

*b.* Repair to base assembly is limited to welding and painting.

### 5-6. Carrying Case

*a.* Inspect carrying case for structural damage, missing and/or damaged hardware.

*b.* Repair carrying case as required. Repair to carrying case is limited to rebuilding case, painting, and restoring hardware,

### 5-7. Drive Motor

*a. Removal.* Refer to figure 4-2 and remove the top and rear access panels. Refer to figure 5-1 and remove the drive motor assembly.

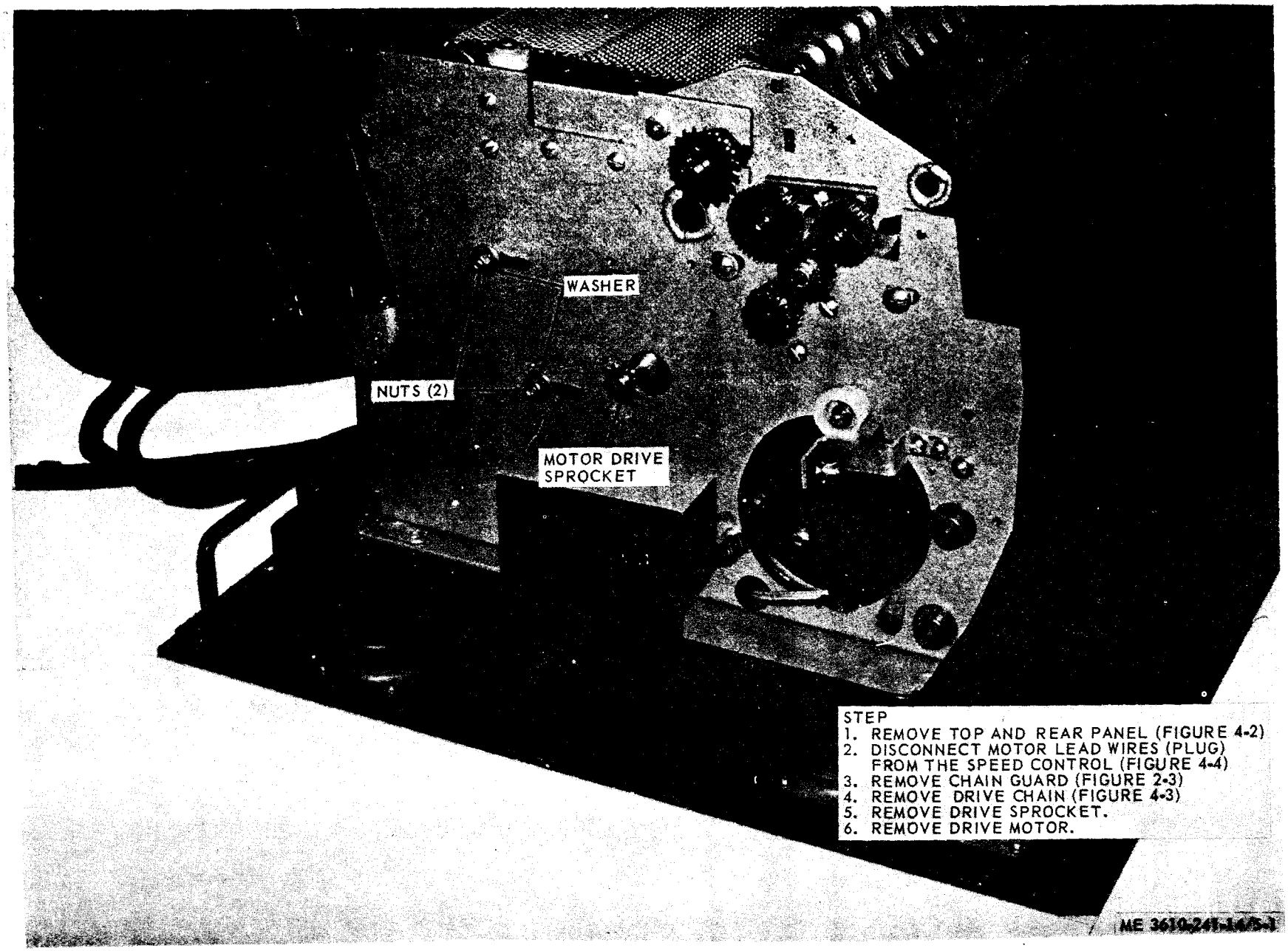



*Figure 5-1. Drive motor assembly, removal and installation.*

*b.* Test.

*Drive Motor:*

| | |
|---|---|
| Field | 120 ma (milliampere( at 87 volts DC (direct current) |
| Armature | 100 ma at 132 volts DC |

*Gearhed:*

| | |
|---|---|
| Countershaft | 41 rpm (revolution minute) top speed |
| Counter shaft | 1¾ rpm - low speed |

*Wiring:*

| | |
|---|---|
| Armature | 2 blue |
| Field | 2 black |

NOTE

When taking DC voltage readings, if the meter needle travels to the left of zero and against the stop, reverse the meter leads to correct for polarity. Replace motor and/or gearhead as required.

*c. Installation.*

(1) Refer to figure 5-1 and install the drive motor assembly.

(2) Refer to figure 4-2 and install the top and rear access panel.

### 5-8. Lamp and Lamp Control Unit

*a.* Refer to figure 4-2 and remove the top and rear access panels.

*b.* Test for 1800V output at terminals 3 and 4 of the lamp control unit. Replace the lamp and/or lamp control unit as required.

*c.* Refer to figure 5-2 and remove the lamp control unit.

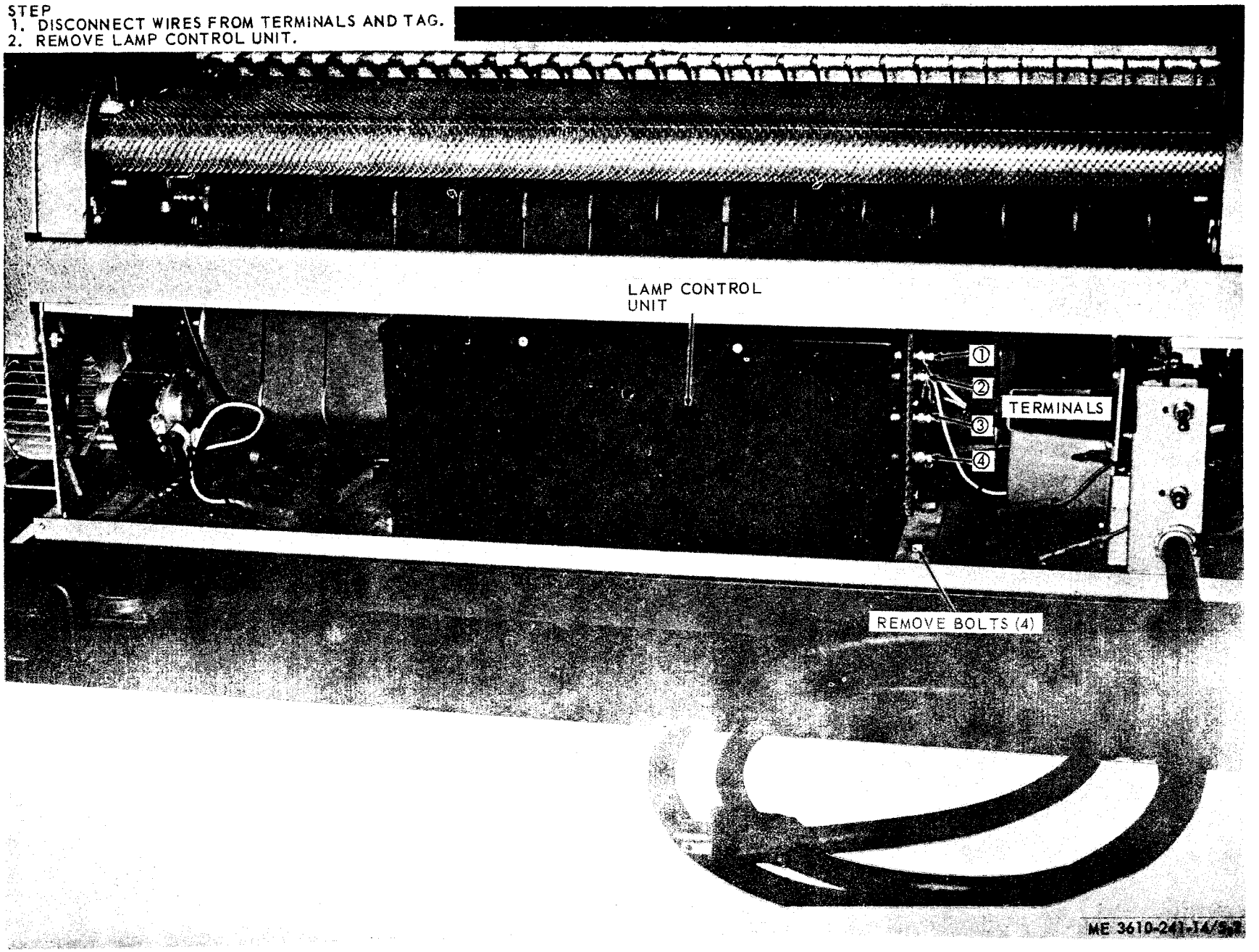



*Figure 5-2. Lamp control unit, removal and installation.*

*d.* Refer to figure 5-2 and install the lamp control unit in the machine.

e. Refer to figure 4-2 and install the top and rear **access panels.**

## 5-9. Speed Control Assembly

*a. Removal.* Refer to figure 5-3 and remove the speed control unit from the cabinet section.

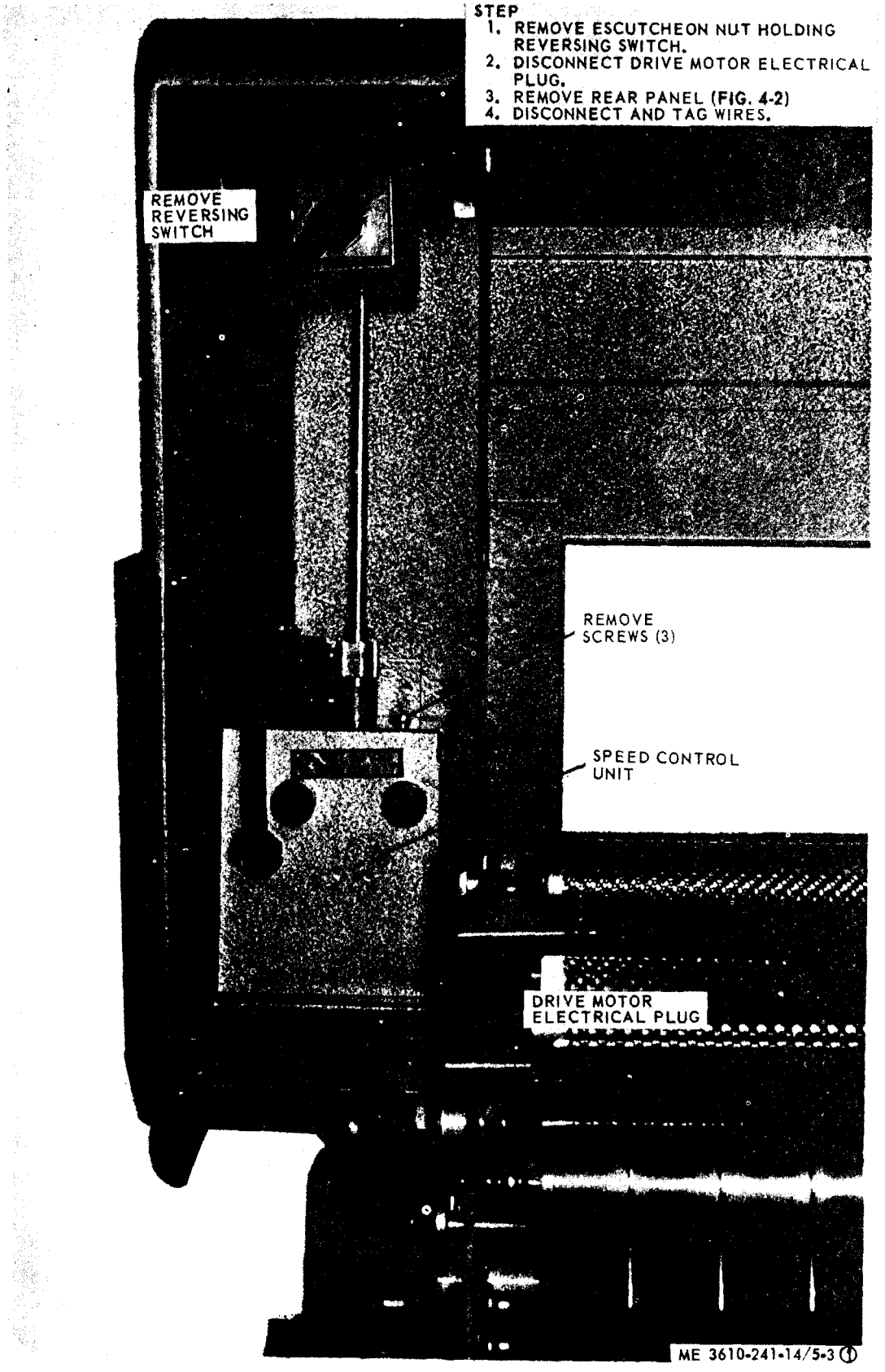



*Figure 5-3. Speed control assembly removal and installation. (sheet 1 of 4).*

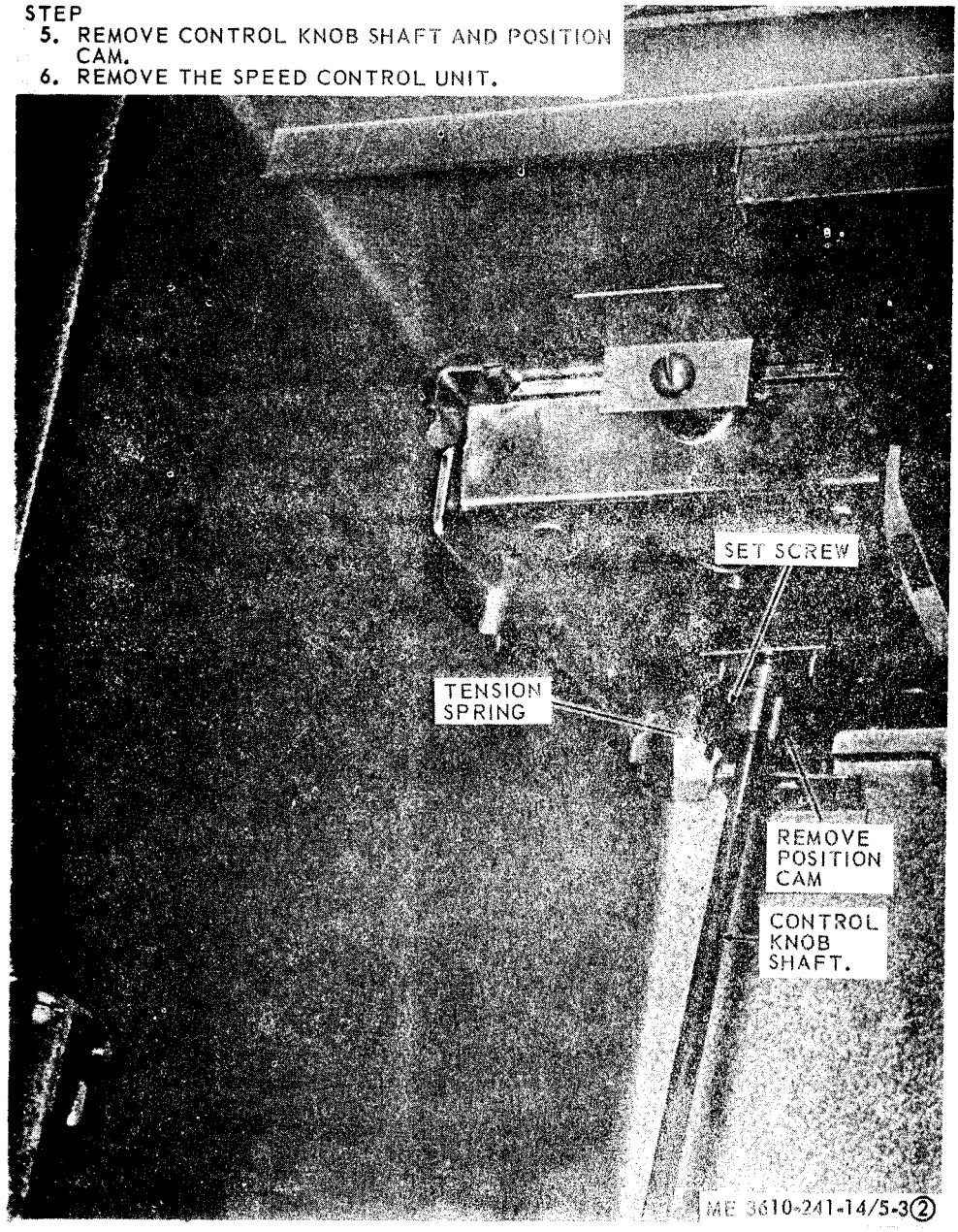



*Figure 5-3. Speed control assembly removal and installation. (sheet 2 of 4).*

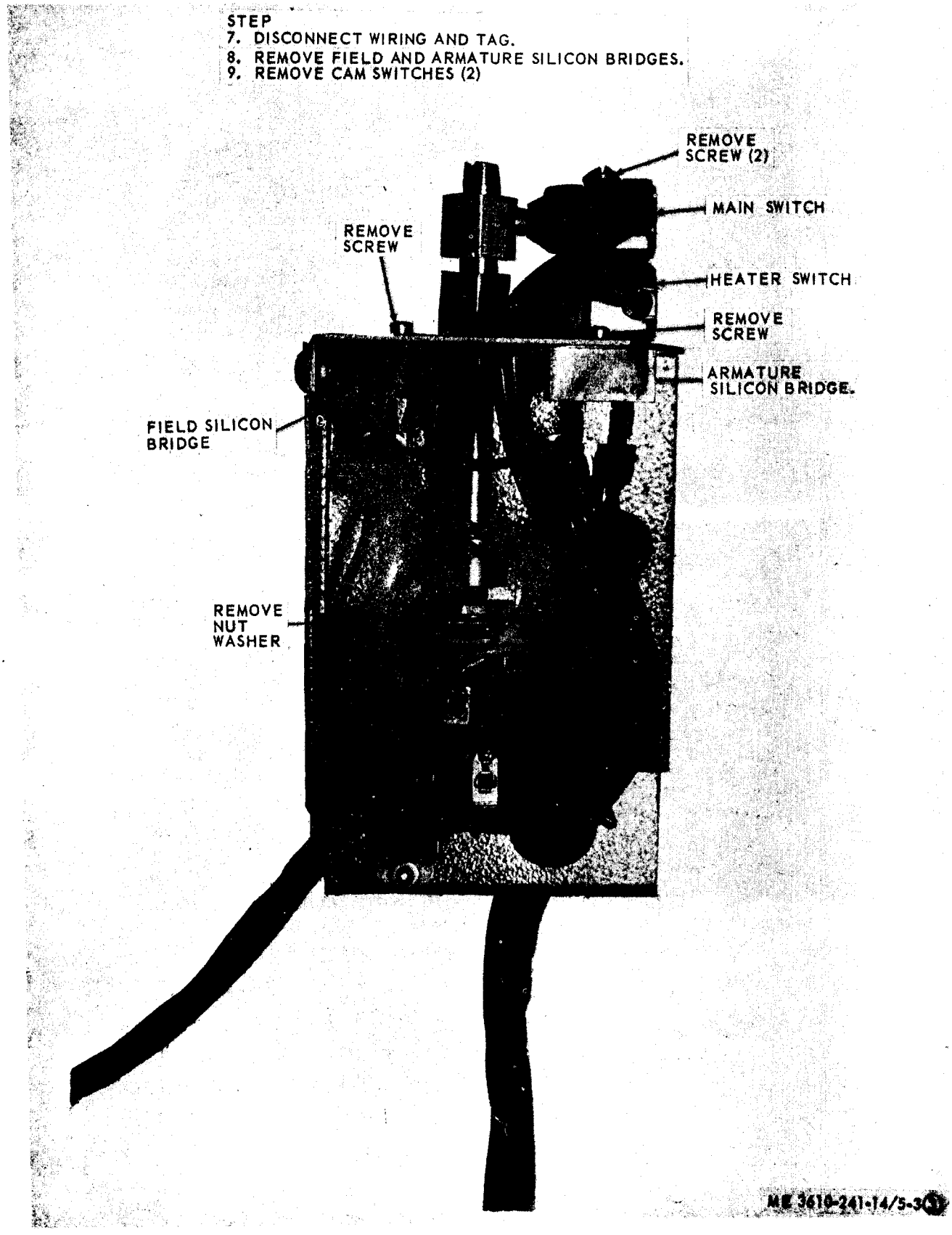



*Figure 5-3. Speed control assembly removal and installation. (sheet 3 of 4).*

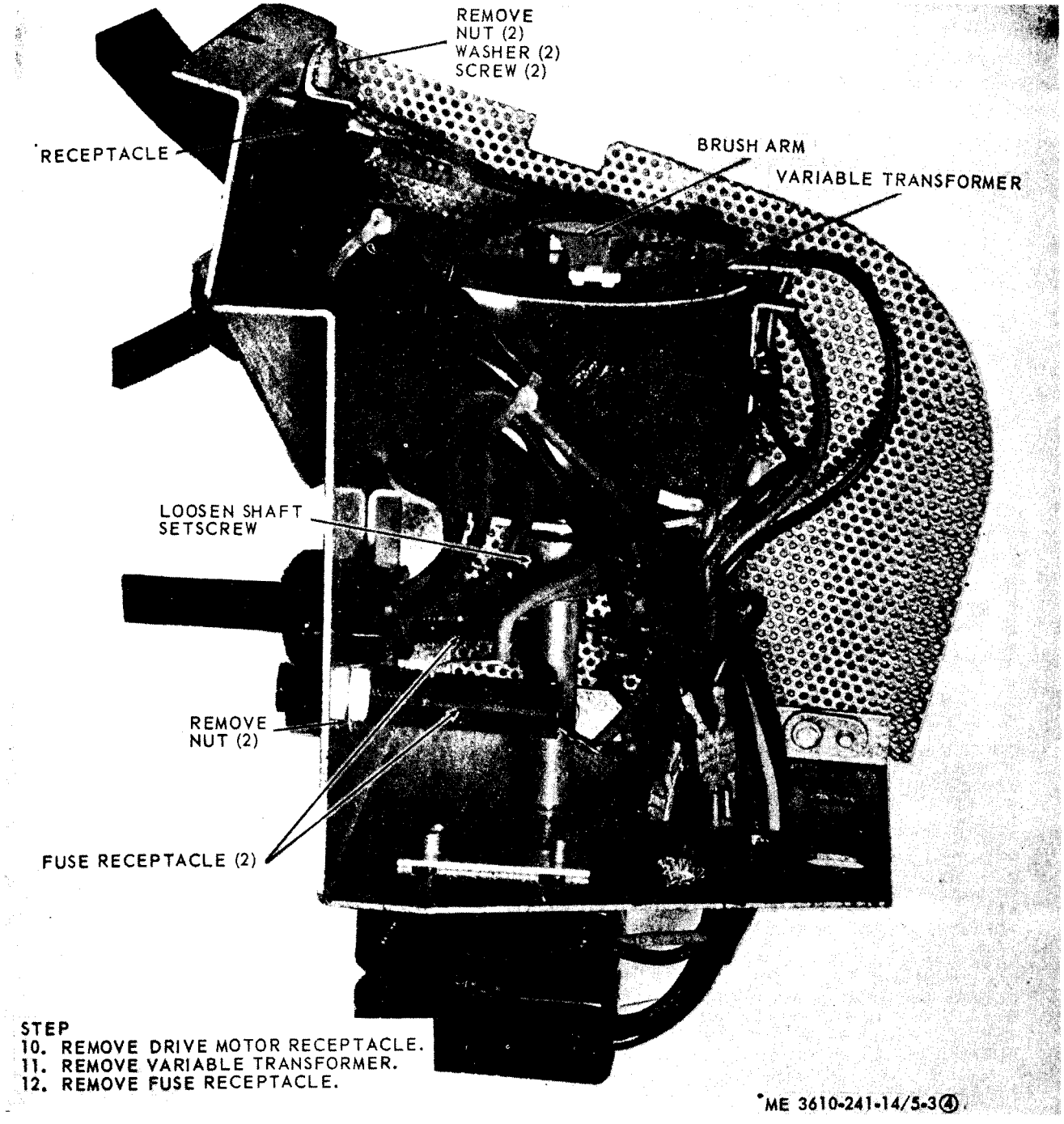



*Figure 5-3. Speed control assembly removal and installation. (sheet 4 of 4).*

*b. Inspection.*

(1) Visually inspect speed control assembly for evidence of overheating and any physical damage to its components.

(2) Inspect control assembly for loose or broken wire connections and for defective wire insulation.

(3) Check fuses for possible blown condition.

*c. Test.* Make a point-to-point continuity test of all the following speed control components.

(1) *Variable transformer:* Input 120 volts A.C. (alternating current), output 0-132 volts A.C. 1.25 amps (amperes) 165 volt amps, 125 volts

(2) *Fuse:* Type MDL Fusetron, 2.5 Amps, 125 volts

(3) *Silicon rectifiers:* Each - 3 amps, input 120 volts, full *wave* bridge, single phase

(4) *Main switch and Heater switch:* Micro, 20 amps, 250 volts, SPDT (single pole double throw)

(5) *Reversing switch:* 15 amps, 125 volts, no center "OFF" position

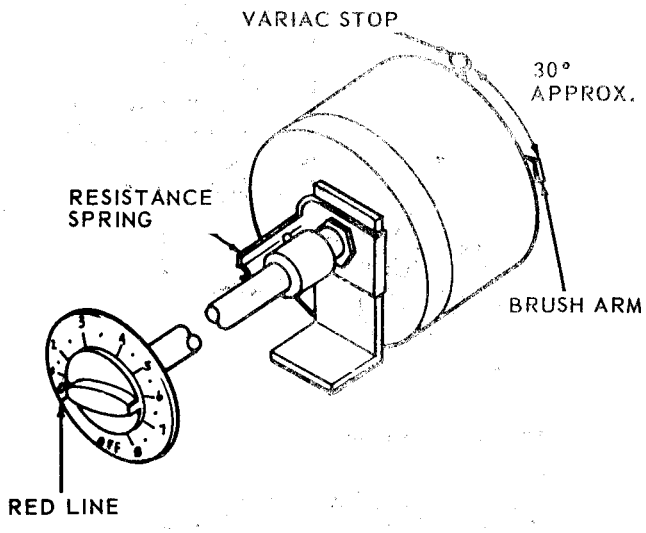
*d. Defective Components.* Replace all defective components.

*NOTE*

To prevent pulling wires loose from female connectors, use longnose pliers to grip and pull connectors from the plastic covered receptacles.

*e. Installation.* Refer to figure 5-3 and install the speed control assembly in the cabinet section.

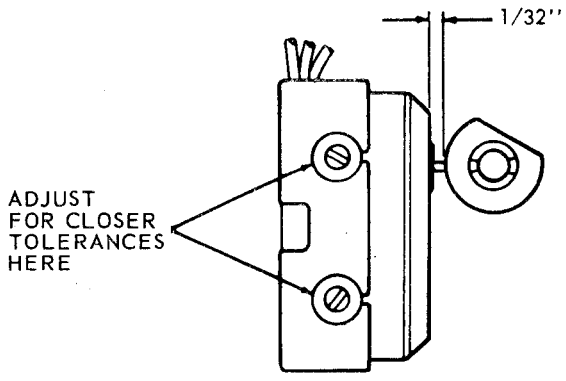
*f. Adjust.* Refer to figure 5-4 and adjust the speed control assembly.




A. ADJUSTING RESISTANCE SPRING

STEP

1. CHECK THAT BRUSH ARM SET SCREW IS TIGHT. IF NECESSARY, BEND SPRING BRUSH ARM FOR MORE TENSION AND MORE POSITIVE CONTACT WITH COIL WINDINGS.
2. WHEN THE SPEED CONTROL UNIT IS IN THE "OFF" POSITION, THE VARIABLE TRANSFORMER BRUSH ARM WILL HIT THE STOP ON TERMINAL #1 SIDE.
3. WHEN THE SHAFT IS TURNED CLOCKWISE AND THE NOTCH JUST CLEARS THE RESISTANCE SPRING, THE BRUSH ARM WILL HAVE TRAVELED APPROXIMATELY 30° OF THE COIL WINDINGS.




B. CAM SWITCH TOLERANCE

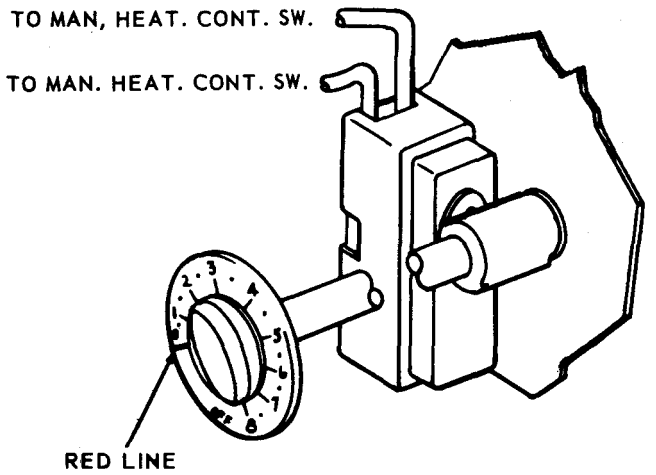
NOTE: BOTH SWITCH CAMS ARE BEST ADJUSTED WITH THE SPEED CONTROL UNIT IN THE MACHINE.

STEP

1. LOOSEN CAM SWITCH MOUNTING SCREWS.
2. ADJUST CAM SWITCH CLEARANCE TO 1/32 INCH.

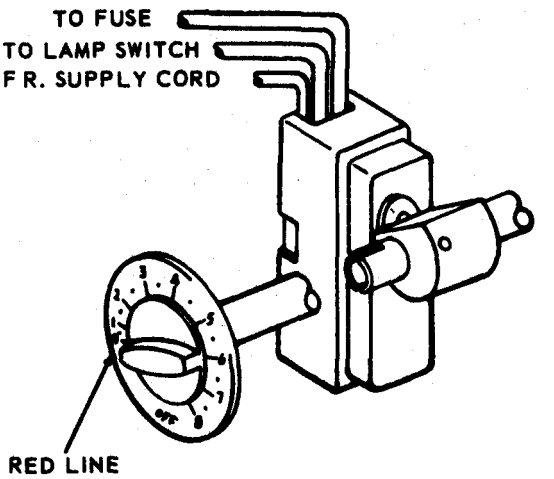
ME 3610-241-14/5-4①

*Figure 5-4. Speed control, component adjustment. (sheet 1 of 2)*




C. HEATER SWITCH CAM

STEP
1. SET CONTROL KNOB AT THE DESIRED SPEED AT WHICH THE HEATER WILL BE ACTUATED.
2. SET CAM SO THAT IT JUST ACTUATES THE MICRO-SWITCH.
3. TIGHTEN SET SCREW.




D. MAIN SWITCH CAM

STEP
1. ADJUST CAM TO ACTUATE SWITCH WHEN UNIT IS TURNED 'ON'' AND NOTCH CLEARS RESISTANCE SPRING.

NOTE: CHECK BOTH CAM ADJUSTMENTS BY TURNING SPEED CONTROL SHAFT TO THE MAXIMUM SPEED POSITION. CAMS SHOULD STILL ENGAGE AND ACTIVATE BOTH SWITCHES.

E. CONTROL KNOB.

STEP
1. TURN SHAFT SO THAT MACHINE IS AT LOWEST SPEED SETTING AND NOTCH TOUCHES RESISTANCE SPRING.
2. POINT KNOB TO RED LINE AND TIGHTEN SET SCREW.

NOTE: WHEN TURNING THE MACHINE "OFF" CONTROL KNOB MUST BE TURNED PAST THE RED LINE TO BREAK MAIN SWITCH CIRCUIT.

ME 3610-241-14/5-4(2)

*Figure 5-4. Speed control, component adjustment. (sheet 2 of 2)*

### 5-10. Heater Element

*a. Inspection.* Refer to figure 4-5 and inspect heating element wiring for loose connections at terminals.

*b. Test.* Perform a continuity check on both heating elements:

Rating ..... 300 watts, 115 volts, and 2.5 amp
Temperature rise ..... 290° F. approximately

*c. Heater Elements.* Replace heater elements as required (paragraph 4-17).

**5-11. Cylinder and Exhaust Blower Assemblies**

*a. Removal.*

(1) Refer to figure 4-2 and remove the top and rear access panels.

(2) Remove the right hand blower housing paragraph 3-7.

(3) Refer to figure 5-5 and remove the cylinder and exhaust blower assemblies.

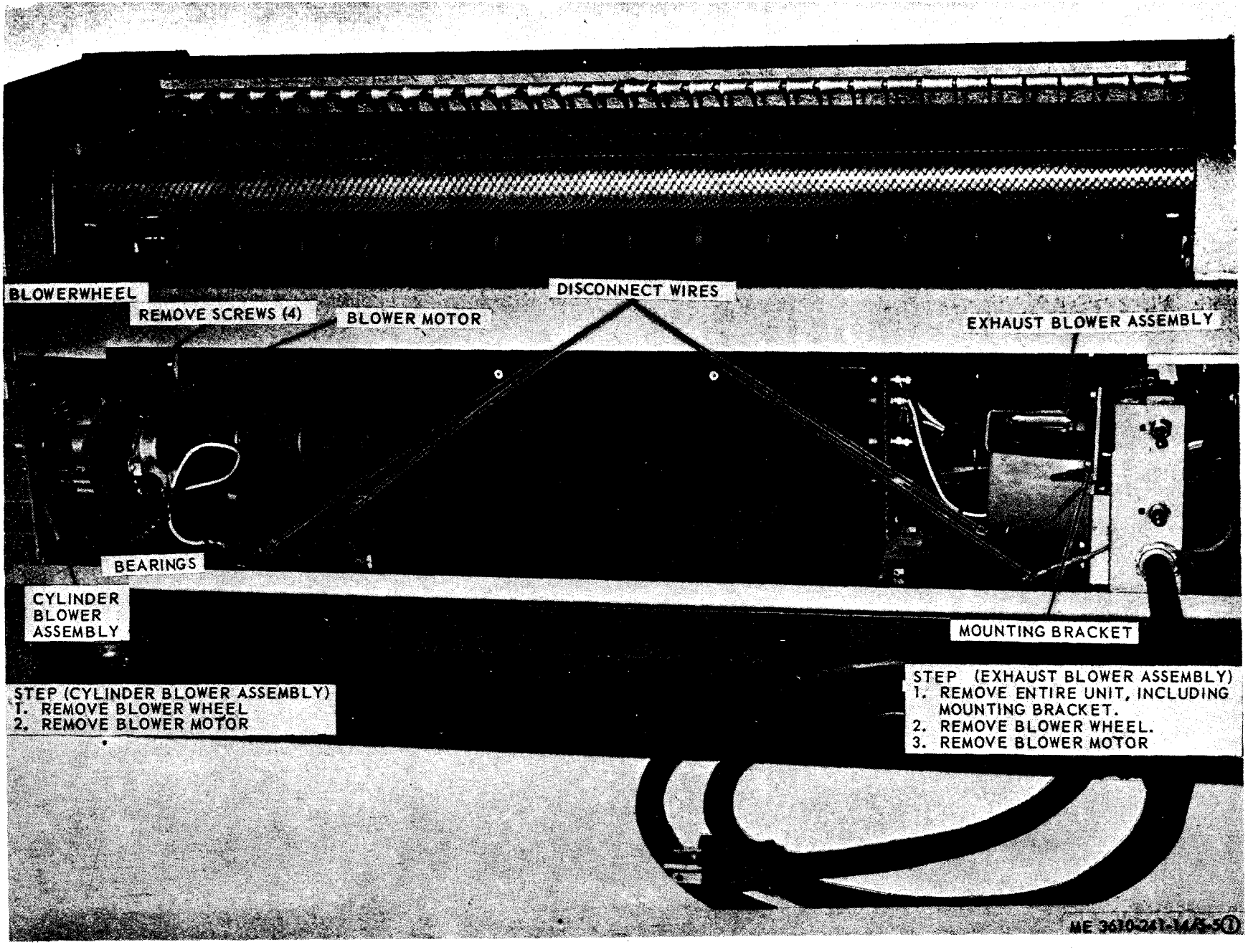



*Figure 5-5. Cylinder and exhaust blower assemblies, removal and installation (sheet 1 of 2).*

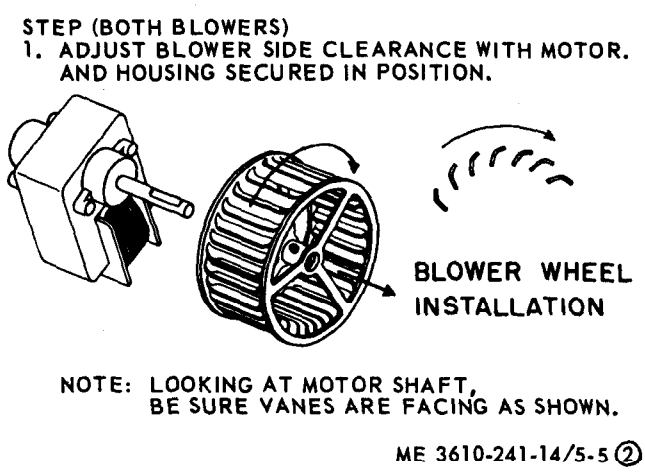



***Figure 5-5. Cylinder and exhaust blower assemblies, removal and installation (sheet 2 of 2).***

*b. Inspection.*

(1) Inspect blower wheel for bent condition and loose set screw. Replace as required.

(2) Inspect motor for bent shaft, worn bearings, and frayed insulation and broken wires. Replace as required.

(3) Lubricate bearings with GAA.

*c. Test Blower Motor.* Blower motors of the shaded pole type have a "normal" acceptable operating range of 2934- to 3000-rpm when 100-127 volts D.C. is applied and the current draw may vary from .62- to .855-amperes. Replace motor as required.

*d. Installation.*

(1) Refer to figure 5-5 and install the blower assemblies on the machine.

(2) Install the right blower housing (para 3-7).

(3) Refer to figure 4-2 and install the top and rear access panels.

**5-12. Wiring**

*a. General.* When testing, repairing, or replacing the wiring, refer to the wiring diagram (fig. 1-3).

*b. Testing.* Test a wire for continuity by disconnecting each end from the components to which it is connected. Touch the test probes of a multimeter to each end of the wire. If continuity is not indicated, the wire is defective and must be repaired or replaced,

*c. Inspection.*

(1) Inspect electrical connections for security.

(2) Inspect wiring insulation for evidence of wear.

# APPENDIX A

# REFERENCE

| | |
|---|---|
| **A-1. Lubrication** | |
| C91001L | Fuels, Lubricants, Oils and Waxes. |
| **A-2. Painting** | |
| TM 9-213 | Painting Instruction for Field Use |
| **A-3. Cleaning** | |
| C6800IL | Chemicals and Chemical Products |
| **A-4. Maintenance** | |
| TM 38-750 | Army Equipment Record Procedures |
| **A-5. Shipment and Storage** | |
| TM 740-90-1 | Administrative Storage of Equipment. |
| **A-6. Demolition** | |
| TM 750-244-3 | Destruction of Materiel to Prevent Enemy Use. |

# APPENDIX B

# BASIC ISSUE ITEMS LIST

## Section I. INTRODUCTION

### B-1. Scope

This appendix lists items which accompany the reproduction set or are required for installation, operation, or operator's maintenance.

### B-2. General

This Basic Issue Items List is divided into the following sections:

*a. Basic Issue Items - Section II.* A list of items which accompany the reproduction set and are required by the operator for installation, operation, or maintenance.

*b. Maintenance and Operating Supplies - Section III.* A listing of maintenance and operating supplies required for initial operation.

### B-3. Explanation of Columns

The following provides an explanation of columns in the tabular list of Basic Issue Items, Section II.

*a. Source, Maintenance, and Recoverability Codes (SMR):*

(1) Source code indicates the source for the listed item. Source codes are:

| *Code* | *Explanation* |
|---|---|
| P | Repair parts which are stocked in or supplies from the GSA/DSA, or Army supply system and authorized for use at indicated maintenance levels. |
| P2 | Repair parts which are procured and stocked for insurance purposes because the combat or military essentiality of the end item dictates that a minimum quantity be available in the supply system. |
| M | Repair parts which are not procured or stocked, but are to be manufactured in indicated maintenance levels. |
| A | Assemblies which are not procured or stocked as such, but are made up of two or more units. Such component units carry individual stock numbers and descriptions, are procured and stocked separately and can be assembled to form the required assembly at indicated maintenance levels. |
| X | Parts and assemblies which are not procured or stocked and the mortality of which normally is below that of the applicable end item or component. The failure of such part or assembly should result in retirement of the end item from the supply system. |
| X1 | Repair parts which are not procured or stocked. The requirement for such items will be filled by use of the next higher assembly or component. |
| X2 | Repair parts which are not stocked. The indicated maintenance level requiring such repair parts will attempt to obtain them through cannibalization. Where such repair parts are not obtainable through cannibalization, requirements will be requisitioned, with accompanying justification, through normal supply channels. |
| G | Major assemblies that are procured with PEMA funds for initial issue only as exchange assemblies at DSU and GSU level. These assemblies will not be stocked above GS and DS level or returned to depot supply level. |

(2) Maintenance code indicates the lowest level of maintenance authorized to install the listed item. The maintenance level code is:

| *Code* | *Explanation* |
|---|---|
| C | Operator/crew |

(3) Recoverability code indicates whether unserviceable items should be returned for recovery or salvage. Items not coded are expendable. Recoverability codes are:

| *Code* | *Explanation* |
|---|---|
| R | Repair parts (assemblies and components) which are considered economically reparable at direct and general support maintenance levels. When the maintenance capability to repair these items does not exist, they are normally disposed of at the GS level. When supply considerations dictate, some of these repair parts may be listed for automatic return to supply for depot level repair as set forth in AR 710-50. When so listed, they will be replaced by supply on an exchange basis. |
| S | Repair parts and assemblies which are economically reparable at DSU and GSU activities and which normally are furnished by supply on an exchange basis. When items are determined by a GSU to be uneconomically reparable they will be evacuated to a depot for evaluation and analysis before final disposition. |
| T | High dollar value recoverable repair parts which are subject to special handling and are issued on an exchange basis. Such repair parts normally are repaired or overhauled at depot maintenance activities. |
| U | Repair parts specifically selected for salvage by reclamation units because of precious metal con tent, critical materials, or high dollar value reusable casings or castings. |

*b. Federal Stock Number.* This column indicates the Federal stock number assigned to the item and will be used for requisitioning purposes.

*c. Description.* This column indicates the Federal item name and any additional description of the item required. The abbreviation "w/e", when used as a part of the nomenclature, indicates the Federal stock number, includes all armament, equipment, accessories, and repair parts issued with the item. A part number or other reference number is preceded by the applicable five-digit Federal supply code for manufacturers in parenthesis. Repair parts quantities included in kits, sets, and assemblies are shown in front of the repair part name.

*d. Unit of Measure (U/M).* A two-character alphabetic abbreviation indicating the amount or quantity of the item upon which the allowances are based, e.g., ft, ea, pr, etc.

*e. Quantity Incorporated in Unit.* This column indicates the quantity of the item used in the assembly group. A "V" appearing in this column in lieu of a quantity indicates that a definite quantity cannot be indicated (e.g. shims, spacers, etc.)

*f. Quantity Furnished With Equipment.* This column indicates the quantity of an item furnished with the equipment.

*g. Illustration.* This column is divided as follows:

(1) *Figure number.* Indicates the figure number of the illustration in which the item is shown.

(2) *Item number.* Indicates the callout number used to reference the item in the illustration.

### B-4. Explanation of Columns in the Tabular List of Maintenance and Operating Supplies - Section III

*a. Component Application.* This column identifies the component application of each maintenance or operating supply item.

*b. Federal Stock Number.* This column indicates the Federal stock number assigned to the item and will be used for requisitioning purposes.

*c. Description.* This column indicates the item name and brief description.

*d. Quantity Required for Initial Operation.* This column indicates the quantity of each maintenance or operating supply item required for initial Operation of the equipment.

*e. Quantity Required for 8 Hours Operation.* This column indicates the estimated quantities required for an average 8 hours of operation.

*f. Notes.* This column indicates informative notes keyed to data appearing in a preceding column.

### B-5. Federal Supply Code for Manufacturers

| *Code* | *Manufacturer* |
|---|---|
| 08808 | General Electric Co. Lamp Glass Dept. 24400 Highland Rd., Cleveland Ohio 44121 |
| 09177 | Bruning, Charles Co. 1800 W. Central Rd. Mount Prospect, Ill. 60058 |
| 74545 | Hubbell Harvey Inc. State St. and Bostwick Ave. Bridgeport Corm. 06602 |
| 81348 | Federal Specifications Promulgated by General Services Administration |
| 90277 | Continental Glass Co. 817 Cermak Rd. Chicago, Ill. |
| 93854 | Charles Bruning Co. Teterboro, N.J. |

## Section II. BASIC ISSUE ITEMS

| (1) SMR Code | (2) Federal stock no. | (3) Description<br>Ref No. & mrf code | (4) Unit of meas | (5) Qty inc in uni | (6) Qty. urn. with quip | (7) Illustration (a) Fig. No. | (7) Illustration (b) Item No. |
|---|---|---|---|---|---|---|---|
| | | GROUP 01—ACCESSORIES | | | | | |
| PC | | BOTTLE: Plastic w / screw cap, 320Z<br>09177 19678 | EA | | 1 | | |
| PC | | BOTTLE: Squeeze w / screw cap, 1 qt<br>90277 S-7796 | EA | | 3 | | |
| PC | | BOTTLE: Utility, plastic 8 oz capacity 90277<br>90277 S6801 | EA | | 1 | | |
| PC | | CAP: Bottle<br>09177 24704 | EA | | 1 | | |
| PC | 935-933-3454 | CONNECTOR, RECEPTACLE 3-WIRE GROUNDING 20 AMP 125 VAC<br>74545 5361 | EA | | 1 | | |
| PC | | COVER, RECEPTACLE<br>74545 91091 | EA | | 1 | | |
| PC | | DUSTER: Mophead<br>09177 16101 | EA | | 1 | | |
| PC | | FUNNEL POLYETHYLENE 4 oz CAPACITY<br>09177 2049 | EA | | 1 | | |
| PC | | HANDLE : Mop | EA | | 1 | | |
| PC | 420-255-8115 | MEASUREING BREAKER: Plastic; graduated; 32 oz<br>93854 19311 | EA | | 1 | | |
| PC | 610-606-5767 | ROD, STIRRING: Plastic<br>93854 17104 | EA | | 1 | | |
| PC | | SQUEEGEE<br>09177 15523 | EA | | 1 | | |
| PC | 610-606-5764 | STRIPPER, REFLEX FILM ; BENCH MTD ; 24 INCH W FILM<br>93854 20900 | EA | | 1 | | |
| | | GROUP 02—PUBLICATIONS | | | | | |
| PC | | ARMY TECHNICAL MANUAL<br>TM 5-3610-241-14 | EA | | 1 | | |
| | | GROUP 03—REPAIR PARTS | | | | | |
| PC | | LAMP : 1200W 1200V<br>08808 UA-24B | EA | 1 | 1 | | |
| PC | | ROLLER, FLOATING<br>09177 19924 | EA | 1 | 1 | | |
| PC | | ROLLER, GROVED<br>09177 19921 | EA | 1 | 1 | | |
| | | GROUP 04—TOOLS | | | | | |
| PC | 120-240-8716 | SCREWDRIVER, CROSS TIP: Phillips; plastic handle no. 1 tip 3 inch lg blade<br>81348 MS1522-4 | EA | | 1 | | |
| PC | 120-276-1270 | SCREWDRIVER, FLAT TIP: Straight sided tip; plastic handle; 3 / 16 inch w. tip, 5 inch lg blade<br>81348 MS15218 | EA | | 1 | | |
| PC | 120-240-5326 | WRENCH, OPEN END, ADJUSTABLE: single head; 0 to 0.94 inch jaw opening; 8 inch long<br>81348 MS15461-3 | EA | | 1 | | |

## Section III. MAINTENANCE AND OPERATING SUPPLIES

| (1) Component application | (2) Federal stock number | (3) Description | (4) Quantity required f/initial operation | (5) Quantity required f/8 hrs operation | (6) Notes |
|---|---|---|---|---|---|
| | | **REPRODUCTION EXPENDABLE SET, MOIST PROCESS: FOR FIELD USE BY ARMY UNITS IN TACTICAL OPERATION:** | | | |
| | | **81348—SC 3610-93-CL-E18** | | | |
| | | **Formerly SM 10-4-3610-A13** | | | |
| | | Consisting of the following components: | | | |
| | 7920-240-2561 | APPLICATOR, 4¾" X 2¾" plastic handle, felt base | 1 CA | | |
| | 7920-889-3552 | BOX, PLASTIC, SPONGE: hinge cover; 6¾" X 5" X 1" | 1 CA | | |
| | 8305-222-2423 | CLOTH, CHEESE CLOTH, COTTON: 36" X 19 yds., cotton | 2 RL | | |
| | 8320-299-8625 | COTTON, NON-STERILE PADS: | 2 PKG | | |
| | | DIAZO DEVELOPER: PHOTOGRAPHIC POWER; moist process; 1 qt; | | | |
| | 6750-242-5613 | BLACK | 12 EA | AS REQUIRED | |
| | 6750-064-5633 | BLUE | 8 EA | AS REQUIRED | |
| | 6750-064-5634 | BROWN | 2 EA | AS REQUIRED | |
| | 6750-064-5635 | RED | EA | AS REQUIRED | |
| | 6750-064-5636 | YELLOW | 2 EA | AS REQUIRED | |
| | 6750-064-6755 | DIAZO SENSITIZER: moist process; dry power; sufficient to make one pint of solution | 12 CA | AS REQUIRED | |
| | | FILM, DIAZOTYPE, SENSITIZED moist developing processing; black line image, sensitized on one side, intermediate standard; transparent colorless, smooth on both sides; water proof, low shrinkage; 25 sheets per pkg; | | | |
| | 6750-889-3389 | 8—½in w, 11in. lg, 0.005 in. thk | 25 SHTS. 2 | AS REQUIRED | |
| | 6750-989-8955 | 22in w, 29in lg 0.005 in. thk | 25 SHTS. 1 | AS REQUIRED | |
| | | FILM DIAZOTYPE, SENSITIZED: moist developing processing; Sepia line image, sensitized on one side, intermediate; standard; transparent, colorless, smooth on both sides, waterproof, low shrinkage; 25 sheets per pkg; | | | |
| | 6750-889-3387 | 8-½ w, 11 in lg. 0.003 in thk | 25 SHTS. 2 | AS REQUIRED | |

## Section III. MAINTENANCE AND OPERATING SUPPLIES

| (1) Component application | (2) Federal stock number | (3) Description | (4) Quantity required f/initial operation | (5) Quantity required f/8 hrs operation | (6) Notes |
|---|---|---|---|---|---|
| | 6750-889-3386 | 22 in w 29 in lg. 0.003 in thk; | 25 SHTS | AS REQUIRED | |
| | | MEASURE, LIQUID PLASTIC 32 oz; | 1 EA | | |
| | | PAPER, DIRECT POSITIVE, SENSITIZED: black image; 22 in w, 29 in lg: 20-½ lb Substance, white background; design for line: 250 sheet per pkg; | | | |
| | 6750-880-5518 | EXTRA RAPID PRINTING SPEED | 250 SHEETS 2 | AS REQUIRED | |
| | 6750-889-3384 | STANDARD PRINTING SPEED | 250 SHEETS 2 | AS REQUIRED | |
| | 6750-965-4648 | SEPIA IMAGE: 22½-½ in w; 29-½ in. lg; 14-18 lb SUBSTANCE, WHITE background; designed for line; 250 sheets per pkg; extra rapid printing speed. | 250 SHEETS 2 | AS REQUIRED | |
| | 9330-286-1231 | PLASTIC SHEET: cellulose acetate; plain transparent; 50 ft lg. 40 in 2, 0.0075 in thk: colorless; glossy finish, both sides: 81348-L-C-169, type 2 | ROLL 2 | | |
| | 6640-634-9313 | ROD, STIRRING, LABORATORY phenol fiber; 18 in lg. ⅜ in dia; both end flats | 1 EA | | |
| | 7920-889-3385 | SPONGE, CELLULOSE 6" X 3 13/16 X1-7/8 | 1 EA | | |

# APPENDIX C

# MAINTENANCE ALLOCATION CHART

## Section I. INTRODUCTION

### C-1. General

*a.* This section provides a general explanation of all maintenance and repair functions authorized at various maintenance levels.

*b.* Section II designates overall responsibility for the performance of maintenance functions on the identified end item or component. The implementation of the maintenance functions upon the end item or component will be consistent with the assigned maintenance functions.

*c.* Section III is not applicable.

*d.* Section IV is not applicable.

### C-2. Explanation of Columns in Section II

*a. Group Number, Column (1).* The assembly group is a numerical group assigned to each assembly in a top down breakdown sequence. The applicable assembly groups are listed on the MAC in disassembly sequence beginning with the first assembly removed in a top down disassembly sequence.

*b. Assembly Group, Column (2).* This column contains a brief description of the components of each assembly group.

*c. Maintenance Functions, Column (3).* This column lists the various maintenance functions (A through K) and indicates the lowest maintenance level authorized to perform these functions. The symbol designations for the various maintenance levels are as follows:

C - Operator or crew
O - Organizational maintenance
F - Direct support maintenance
H - General support maintenance

The maintenance functions are defined as follows:

A - Inspect. To determine' serviceability of an item by comparing its physical, mechanical, and electrical characteristics with established standards.

B - Test. To verify serviceability and to detect electrical or mechanical failure by use of test equipment.

C - Service. To clean, to preserve, to charge, and to add fuel, lubricants, cooling agents, and air. If it is desired that elements, such as painting and lubricating, be defined separately, they may be so listed.

D - Adjust. To rectify to the extent necessary to bring into proper operating range.

E - Align. To adjust specified variable elements of an item to bring to optimum performance.

F - Calibrate. To determine the corrections to be made in the readings of instruments or test equipment used in precise measurement. Consists of the comparison of two instruments, one of which is a certified standard of known accuracy, to detect and adjust any discrepancy in the accuracy of the instrument being compared with the certified standard.

G - Install. To set up for use in an operational environment such as an emplacement, site, or vehicle.

H - Replace. To replace unserviceable items with serviceable like items.

I - Repair. Those maintenance operations necessary to restore an item to serviceable condition through correction of material dam age or a specific failure. Repair may be accomplished at each level of maintenance.

J - Overhaul. Normally, the highest degree of maintenance performed by the Army in order to minimize time work in process is con sistent with quality and economy of operation. It consists of that maintenance necessary to restore an item to completely serviceable condition as prescribed by maintenance standards in technical publications for each item of equipment. Overhaul normally does not return an item to like new, zero mileage, or zero hour condition.

K - Rebuild. The highest degree of materiel maintenance. It consists of restoring equipment as nearly as possible to new condition in accordance with original manufacturing standards. Rebuild is performed only when required by operational considerations or other paramount factors and then only at the depot maintenance level. Rebuild reduces to zero the hours or miles the equipment, or component thereof, has been in use.

*d. Tools and Equipment, Column* (4). This column is provided for referencing by code the special tools and test equipment, (sec. III) required to perform the maintenance functions (sec. II).

*e. Remarks, Column (5).* This column is provided for referencing by code the remarks (sec. IV) pertinent to the maintenance functions.

## Section II. MAINTENANCE ALLOCATION CHART

| (1) Group No. | (2) Functional group | (3) Maintenance functions | | | | | | | | | | | (4) Tools and equipment | (5) Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | A | B | C | D | E | F | G | H | I | J | K | | |
| | | Inspect | Test | Service | Adjust | Align | Calibrate | Install | Replace | Repair | Overhaul | Rebuild | | |
| | **REPRODUCTION SET** | | | | | | | | | | | | | |
| | Plate Assy, Shock Mount | .. | .. | . | .. | .. | .. | O | O | | | | | |
| | Cabinet Assembly | .. | .. | .. | . | .. | .. | O | F | | | | | |
| | Base Assembl y | .. | .. | .. | | .. | | H | H | | | | | |
| | Carry ing Case | .. | .. | .. | . | | | O | F | | | | | |
| | Motor, Gear Reduction | F | .. | .. | .. | . | .. | F | F | | | | | |
| | Chain Assy, Drive | .. | C | O | .. | .. | . | O | | | | | | |
| | Lamp Control Unit | F | .. | . | | .. | .. | F | | | | | | |
| | Speed Control Assy | F | .. | F | .. | .. | .. | F | F | | | | | |
| | Heater | F | .. | .. | .. | .. | .. | O | | | | | | |
| | Blower Assy | .. | .. | .. | .. | .. | .. | F | F | | | | | |
| | Motor, Blower Assy | F | .. | .. | .. | .. | .. | F | | | | | | |
| | Duct Assy | .. | .. | .. | .. | .. | .. | C | | | | | | |
| | Lamp, Printer | F | .. | .. | .. | .. | .. | C | | | | | | |
| | Bands, Contact | .. | .. | .. | .. | .. | | O | | | | | | |
| | Cylinder, Printer | .. | C | . | .. | . | .. | C | | | | | | |
| | Rollers, Printer | .. | .. | .. | . | . | . | O | | | | | | |
| | Conveyor Roller Assy | .. | .. | . | | | .. | O | O | | | | | |
| | Conveyor Guide Assy | .. | .. | . | .. | .. | .. | O | O | | | | | |
| | Conveyor Belt | .. | .. | .. | .. | | .. | O | | | | | | |
| | Trough Assy | .. | C | .. | | . | .. | O | | | | | | |
| | Rollers, Developer | .. | C | | | .. | | O | | | | | | |
| | Finger Guide Assy | .. | .. | .. | | .. | .. | C | O | | | | | |
| | Reservoir Assy | .. | .. | . | . | . | .. | O | O | | | | | |
| | Bottle and Cap Assy | .. | .. | .. | . | .. | .. | C | | | | | | |

# APPENDIX D

# REPAIR PARTS AND SPECIAL TOOLS

## Section I. INTRODUCTION

**D-1. Scope.**

This appendix lists repair parts, special tools, test support equipment required for the performance of organizational, direct support, and general support maintenance of the reproduction set.

**D-2. General**

This Repair Parts and Special Tools List is divided into the following sections:

*a. Prescribed Load Allowance (PLA)-Section II.* A composite listing of repair parts, special tools, test and support equipment having quantitative allowances for initial stockage at the organizational level.

*b. Repair Parts-Section III.* A list, in figure and item number sequence, of repair parts authorized at the organizational level for the perform an ce of maintenance, including those items which must be removed for replacement of the authorized item. Items are listed by assembly group in top down breakdown sequence.

*c. Special Tools, Test and Support Equipment-Section IV, (Not Applicable).*

*d. Repair Parts-Section V.* A list, in figure and item number sequence, of the repair parts authorized for the performance of maintenance at the direct support and general support levels, including those items which must be removed for replacement of the authorized item. Items are listed by assembly group in top down breakdown sequence.

*e. Special Tools, Test and Support Equipment-Section VI (Not Applicable).*

*f. Federal Stock Number and Reference Number Index-Section VII.* A list of Federal Stock Numbers in ascending numerical sequence, followed by a list of reference numbers appearing in all listings, in ascending alpha-numeric sequence, cross-referenced to the illustration figure and item number.

*NOTE*

Items not illustrated are cross-referenced to assembly group number.

**D-3. Explanation of Columns**

The following provides an explanation of columns in the tabular lists in sections II through VI.

*a. Source, Maintenance, and Recoverability Codes (SMR).*

(1) Source code indicates the source for the listed items. Source Codes are:

| | *Explanation* |
|---|---|
| P | Repair Parts, Special Tools and Test Equipment supplied from the GSA/DSA, or Army supply system, and authorized for use at indicated maintenance levels. |
| P2 | Repair Parts, Special Tools and Test Equipment which are procured and stocked for insurance purposes because the combat or military essentiality of the end item dictates that a minimum quantity be available in the supply system. |
| M | Repair Parts, Special Tools and Test Equipment which are not procured or stocked, as such, in the supply system but are to be manufactured at indicated maintenance levels. |
| A | Assemblies which are not procured or stocked as such, but are made up of two or more units. Such component units carry individual stock numbers and descriptions, are procured and stocked separately and can be assembled to form the required assembly at indicated maintenance levels. |
| X | Parts and assemblies that are not procured or stocked because the failure rate is normally below that of the applicable end item or component. The failure of such part or assembly should result in retirement of the end item from the supply system. |
| X1 | Repair Parts which are not procured or stocked. The requirement for such items will be filled by the next higher assembly or component. |
| X2 | Repair Parts, Special Tools and Test Equipment which are not stocked and have no foreseen mortality. The indicated maintenance level requiring such repair parts will attempt to obtain the parts through cannibalization or salvage, the item may be requisitioned with exception data, from the end item manager, for immediate use. |
| G | Major assemblies that are procured with PEMA funds for initial issue only as exchange assemblies at DSU and GSU level. These assemblies will not be stocked above the DS and GS level or returned to depot supply level. |

(2) Maintenance code indicates the lowest level of maintenance authorized to install the listed item. The maintenance codes are:

| *Code* | *Explanation* |
|---|---|
| C | Crew or Operator maintenance |
| O | Organizational maintenance |
| F | Direct Support maintenance |
| H | General Support maintenance |

(3) Recoverability code indicates whether unserviceable items should be returned for recovery or salvage. Items not coded are expendable. Recoverability codes are:

| *Code* | *Explanation* |
|---|---|
| R | Applied to repair parts, (assemblies or components) special tools and test equipment which are considered economically reparable at direct and general support maintenance, levels. When the item is no longer economically reparable, it is normally disposed of at the GS level. When supply considerations dictate, some of these repair parts may be listed for automatic return to supply for depot level repair as set forth in AR 710-50. When so listed, they will be replaced by supply on an exchange basis. |
| S | Repair Parts, Special Tools, Test Equipment and assemblies which are economically reparable at DSU and GSU activities and which normally are furnished by supply on an exchange basis. When items are determined by a GSU to be uneconomically reparable, they will be evacuated to a depot for evaluation and analysis before final disposition. |
| T | Higher dollar value recoverable repair parte, special tools and test equipment which are subject to special handling and are issued on an exchange basis. Such items will be repaired or overhauled at depot maintenance activities only. No repair may be accomplished at lower levels. |
| U | Repair Parts, Special Tools and Test Equipment specifically selected for salvage by reclamation units because of precious metal content. critical materials, high dollr value or reusable casings or castings. |

*b. Federal Stock Number.* Indicates the Federal stock number assigned to the item and will be ueed for requisitioning purposes.

c. *Description.* Indicates the Federal item name and any additional description of the item required. Assembly components and subassemblies are indented under major assemblies. A part number or other reference number is followed by the applicable five-digit Federal supply code for manufacturers in parenthesis. Material required for manufacture or fabrication is identified.

*d. Unit of Measure (U/M).* A two-character alphabetic abbreviation indicating the amount or quantity of the item, as used, upon which the allowances are based, e.g. ft., ea., pr., etc.

*e. Quantity Incorporated in Unit.* Indicates the quantity of the item used in the assembly group. A "V" appearing in this column in lieu of a quantity indicates that a definite quantity cannot be indicated (e.g. shims, spacers, etc.).

*j. Fifteen-Day Organizational Maintenance Allowance.*

(1) The allowance columns are divided into four subcolumns. Indicated in each subcolumn opposite the first appearance of each item is the total quantity of the items authorized for the number of equipments supported. Subsequent appearances of the same item will have the letters "REF" in the allowance column, indicating total allowance quantities will be shown with the first appearance of the item. To locate the referenced item, locate the FSN or reference number in the index. The earliest figure and item number is the referenced item. Items authorized for use as required but not for initial stockage are identified with an asterisk in the allowance column.

(2) The quantitative allowances for organizational level of maintenance represents one initial prescribed load for a 15-day period for the number of equipments supported. Units authorized additional prescribed loads will multiply the number of prescribed loads authorized by the quantity of the repair parts reflected in the appropriate density column to obtain the total quantity of repair parta authorized.

(3) Organizational units providing maintenance for more than 100 of these equipments shall determine the total quantity of parts required by: First, divide the number of equipments supported by 100 by moving the decimal two spaces left; second, multiply the result by the quantity in the 51-100 density column. Example, authorized allowance for 51-100 equipments is 40; for 150 equipments, multiply 40 by 1.50 or 60 parts required.

(4) Subsequent changes to allowances will be limited as follows: No change in the range of items is authorized. If additional items are considered necessary, recommendations should be forwarded to U.S. Army Mobility Equipment Command for exception or revision to the allowance list. Revision to the range of items authorized will be made by the U.S. Army Mobility Equipment Command based on engineering experience, demand data, or TAERS information.

*g. Thirty-Day DS/GS Maintenance Allowances.*

*NOTE*

Allowances in GS column are for GS maintenance only.

( 1 ) The allowance columns are divided into three subcolumns. Indicated in each subcolumn, opposite the first appearance of each item, is the total quantity of items authorized for the number of equipments supported. Subsequent appearance of the same item will have the letters "REF" in the applicable allowance column. To locate the referenced item, locate the FSN or reference number in the index. The earliest figure and item number ie the referenced item. Items authorized for use as required but not for initial stockage are identified with an asterisk in the allowance column.

(2) The quantitative allowance for DS/GS levels of maintenance will represent initial stockage

for a 30-day period for the number of equipments supported.

(3) To determine allowances when supporting more than 100 of these equipments: First, divide the number of equipments supported by 100 by moving the decimal two places left; second, multiply the result by the quantity in the 51-100 density column. Example, authorized allowance for 51-100 equipments is 40; for 150 equipments multiply 40 by 1.50 or 60 parts required.

*h. One-Year Allowance Per 100 Equipments / Contingency Planning Purposes.* This column indicates opposite the first appearance of each item the total quantity required for distribution and contingency planning purposes. Subsequent appearances of the same item will have the letters "REF" in this column. The range of items indicates total quantities of all authorized items required to provide for adequate support of 100 equipments for one year.

*i. Depot Maintenance Allowance Per 100 /Equipments.* This column indicates opposite the first appearance of each item, the total quantity authorized for depot maintenance of 100 equipments. Subsequent appearances of the same item will have the letters "REF" in this column. Items authorized for use but not for initial stockage are identified with an asterisk in the allowance column.

*j. Illustration.* This column is divided as follows :

(1) *Figure numher.* Indicates the figure number of the illustration on which the item is shown.

(2) *Item number.* Indicates the callout number used to reference the item on the illustration.

**D-4. Special Information**

*a.* Repair parts mortality has been based on 1000 hours operation per year.

*b.* Parts which require manufacture or assembly of a level higher than that authorized for installation will indicate in the source column the higher level.

**D-5. How to Locate Repair Parts**

*a.* When the Federal stock number or reference number is unknown:

(1) *First.* Using the table of contents, determine the assembly group within which the repair part belongs. This is necessary since illustrations are prepared for assembly groups, and listings are divided into the same groups.

(2) *Second.* Find the illustration covering the assembly group to which the repair part. belongs.

(3) *Third.* Identify the repair part on the illustration and note the illustration figure and item number of the repair part.

(4) *Fourth.* Using the Repair Parts Listing, find the assembly group to which the repair part belongs and locate the illustration figure and item number noted on the illustration.

*b.* When the Federal stock number or reference number is known:

(1) *First.* Using the Index of Federal Stock Numbers and ReferenceNumbers find the pertinent Federal stock number or reference number. This index is in ascending FSN sequence followed by a list of reference numbers in alpha-numeric sequence, cross-referenced to the illustration figure number and item number.

(2) *Second.* Using the Repair Parts Listing, find the assembly group of the repair part and the illustration figure number and item number referenced in the Index of Federal Stock Numbers and Reference Numbers.

*c.* When the Federal stock number or reference number is known and the repair part is not illustrated:

(1) *First.* Using the Index of Federal Stock Numbers and Reference Numbers find the pertinent Federal stock number or reference number in the section titled "Items Not Illustrated" and note the group number. This section is in ascending FSN sequence followed by a list of reference numbers in alpha-numeric sequence cross-referenced to assembly group number.

(2) *Second.* Using the Table of Contents, locate the assembly group number and page number.

(3) *Third.* Using the applicable group number and page number, locate the pertinent stock number or reference number in the repair parts listing. Items which are not illustrated are listed at the end of the assembly group to which they belong.

## D-6. Federal Supply Code for Manufacturers

| *Code* | *Manufacturer* |
|---|---|
| **07829** | Bodine Electric Co., 2500 W. Bradley Place, Chicago, Ill. 60618 |
| **08808** | General Electric Co., Lamp Glass Dept., 24400 Highland Rd., Cleveland, Ohio 44121 |
| **09177** | Charles Bruning Co., 1800 W. Central Rd., Mount Prospect, Ill. 60058 |
| **12060** | Diodes Inc., 20235 Nordhoff St., Chatsworth, Calif. 91311 |
| **44655** | Ohmite Mfg. Co., 3601 W. Howard St., Skokie, 111.60076 |
| **60399** | Torrington Mfg. Co., 100 Franklin Drive, Torrington, Corm. 06790 |
| **73433** | Rex Chainbelt Inc., Roller Chain Division, 369 Plainfield St., Springfield, Mass. 01610 |
| **74545** | Harvey Hubbell Inc., State St. and Bostwick Ave., Bridgeport, Conn. 06602, |
| **81337** | Army Natick Laboratories, QA Office, Natick, Mass. 01760 |
| **81348** | Federal Specification, General Services Administration |
| **86797** | Rogan Bros. Ind., 8013 N. Monticello, Skokie, Ill. 60076 |
| **88536** | Moulded Products Div. of AMERACE ESNA Corp., Ace Rd., Butler, N.J. 07405 |
| **90277** | Continental Glass Co., 817 Cermak Rd., Chicago, Ill. |
| **93854** | Charles Bruning Co., Teterboro, N.J. |
| **96906** | Military Standards Division, Directorate of Logistics Services, DSA |

| (1) FEDERAL STOCK NUMBER | (2) DESCRIPTION<br>USABLE ON CODE | (3) 5-DAY ORGANIZATIONAL AINTENANCE ALLOWANCE (a) 1-5 | (b) 6-20 | (c) 21-50 | (d) 1-100 |
|---|---|---|---|---|---|
| | Section 11. PRESCRIBED LOAD ALLOWANCE | | | | |
| | Group 01 - CABINET ASSEMBLY | | | | |
| 610-197-6846 | DIAL: SPEED CONTROL | | | | 1 |
| 610-408-2790 | COVER, DUST: CABINET | | | 1 | 1 |
| 920-280-3178 | FUSE: 2.5 AMP | 1 | 5 | 10 | 21 |
| 920-568-0926 | HOLDER, FUSE | | | | 1 |
| | KNOB<br>18304 (09177) | | | 1 | 1 |
| | Group 02 - PANELS, TRAYS, GUIDE, GUARDS AND SHIELDS | | | | |
| 305-209-6319 | THUMSCREW: LIGHT SHIELD AND EXHAUST DUCT MTG | | | 1 | 1 |
| | GROUP 03 - DEVELOPER AND CONVEYOR ASSEMBLIES | | | | |
| 020-267-3351 | CHAIN DRIVE | | | | 1 |
| 110-407-5605 | BEARING, BALL: CONVEYOR DRIVE ROLLER | | | | 1 |
| 120-407-5606 | BEARING, NYLON: GROOVED AND PLAIN DEVELOPER ROLLERS | | | | 1 |
| 120-407-8591 | BEARING , ROLLER | | | | 1 |
| 120-433-3625 | FLANGE BEARING: IDLER GEAR | | | | 1 |
| 610-197-6833 | CAP, HEATER | | | | 1 |
| 610-197-6834 | GROOVED ROLLER ASSEMBLY | | | | 1 |
| 610-197-6835 | PLAIN DEVELOPER ROLLER | | | | 1 |
| 610-197-6839 | ROLLER, GUIDE | | | | 1 |
| 610-197-6841 | HEATER, TUBULAR | | | 1 | 1 |
| 610-197-6842 | FLOATING ROLLER ASSEMBLY | | | | 1 |
| 610-409-4169 | BOTTLE CAP ASSEMBLY | | | 1 | 1 |
| 610-606-5765 | BOTTLE, PLASTIC : DEVELOPER FLUID | | | 2 | 2 |
| 360-408-3232 | SPRING, TENSION | | | 1 | 1 |
| 360-408-3281 | SPRING, TENSION: RESERVOIR | | | | 1 |
| 360-422-2526 | SPRING,TENSION: CONVEYOR ROLLER | | | 1 | 1 |
| | CLAMP, HOSE<br>15517 (88536) | | | | 1 |
| | RETAINER, BEARING: GROOVED AND PLAIN DEVELOPER ROLLERS<br>18344 (09177) | | | | 1 |
| | CLAMP , SHUTOFF<br>18533 (09177 ) | | | | 1 |
| | HOSE, FEED: DEVELOPER FLUID<br>20229 (09177) | | 1 | 1 | 2 |
| | HOSE, DRAIN: DEVELOPER FLUID<br>20231 (09177) | | | 1 | 1 |
| | CLAMP, HOSE<br>20454 (09177 ) | | | | 1 |
| | BEARING: CONVEYOR ROLLER<br>7379 (09177) | | | | 1 |

| (1) FEDERAL STOCK NUMBER | (2) DESCRIPTION<br>USABLE ON CODE | (3) 15-DAY ORGANIZATIONAL MAINTENANCE ALLOWANC | | | |
|---|---|---|---|---|---|
| | | (a) 1-5 | (b) 6-20 | (c) 21-50 | (d 51- |
| | Group 04 - PRINTER ASSEMBLIES | | | | |
| 2610-197-6837 | CONTACT BAND | | 2 | 3 | 6 |
| 3610-102-3056 | CYLINDER | 1 | 2 | 4 | 8 |
| 3610-197-2103 | IDLER ROLLER | | | | 1 |
| 3610-197-6831 | SPACER ROLLER ASSEMBLY | | | | 1 |
| 3610-197-6832 | LAMP: 1200 WATT | 1 | 5 | 10 | 21 |
| 3610-197-6836 | SUPPLY CORD: POWER INPUT | | | 1 | 1 |
| 5330-470-5427 | SEAL, LIGHT: IDLER ROLLER | | | | 1 |
| 5340-408-1712 | SPRING, LAMP | | | | 1 |
| 5360-422-2525 | SPRING, TENSION: STABILIZER | | | | 1 |
| | GROUP 05 - DRIVE MOTOR AND GEAR HEAD | | | | |
| 3610-197-6846 | ADAPTER | | | | 1 |
| 5340-225-9833 | SPRING, BRUSH | | | | 1 |
| 5935-643-9713 | PLUG, CONTACT | | | | 1 |
| 5977-942-0550 | BRUSH, MOTOR | | 1 | 1 | 3 |
| | Group 07 - FRAME AND SHOCK MOUNTING PLATE | | | | |
| 3610-409-4169 | SHOCK MOUNT ASSEMBLY | | | 1 | 1 |

| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION<br>REF NUMBER & MFR CODE / USABLE ON CODE | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 15-DAY ORGANIZATIONAL MAINTENANCE ALW (a) 1-5 | (b) 6-20 | (c) 21-50 | (d) 51-100 | (7) ILLUSTRATION (a) FIG. NO. | (b) ITEM NO. |
|---|---|---|---|---|---|---|---|---|---|---|
| | | SECTION III - REPAIR PARTS FOR ORGANIZATIONAL MAINTENANCE | | | | | | | | |
| | | GROUP 01 - CABINET ASSEMBLY | | | | | | | | |
| 20 | | SCREW, MACHINE: LOCK MTG, NO. 10-24 THD SIZE, 3/4 IN. LG<br>20468 (09177) | EA | 2 | | | | | D1 | 1 |
| 20 | | WASHER, FLAT: LOCK MTG, NO. 10 SCREW SIZE<br>50015 (09177) | EA | 2 | | | | | D1 | 2 |
| 20 | | LOCK, SHIPPING<br>28819 (09177) | EA | 1 | | | | | D1 | 3 |
| 20 | | NUT, SPEED: LOCK MTG<br>20466 (09177) | EA | 2 | | | | | D1 | 4 |
| 20 | 5310-905-0762 | NUT, PLAIN, HEXAGON: CABINET MTG, 1/4-20 THD SIZE<br>MS51967-3 (96906) | EA | 2 | | | | | D1 | 5 |
| 20 | | WASHER, LOCK: CABINET MTG, 1/4 IN. SCREW SIZE<br>50016 (09177) | EA | 2 | | | | | D1 | 6 |
| 20 | | COLLAR: CABINET MTG<br>5154 (09177) | EA | 2 | | | | | D1 | 7 |
| 20 | | SCREW, CAP, HEXAGON HEAD: CABINET MTG, 1/4-20 THD SIZE, 3/4 IN. LG<br>50302 (09177) | EA | 2 | | | | | D1 | 8 |
| 0 | 3610-197-6844 | CABINET ASSEMBLY<br>19594 (09177) | EA | 1 | * | * | * | * | D1 | |
| 20 | | SCREW, MACHINE: ESCUTCHEON MTG, NO. 10-32 THD SIZE, 5/16 IN. LG<br>51219 (09177) | EA | 4 | | | | | D1 | 9 |
| 20 | | ESCUTCHEON, LEFT HAND<br>27098 (09177) | EA | 1 | | | | | D1 | 10 |
| 20 | | TWIN NUT: DIAL MTG<br>21845 (09177) | EA | 1 | | | | | D1 | 11 |
| 20 | | CLIP, SWITCH<br>20331 (09177) | EA | 1 | | | | | D1 | 12 |
| 0 | 3610-197-6846 | DIAL: SPEED CONTROL<br>20977 (86797) | EA | 1 | * | * | * | 1 | D1 | 13 |
| 20 | | SCREW, MACHINE: DIAL MTG, NO. 4-36 THD SIZE, 1/2 IN. LG<br>50455 (09177) | EA | 2 | | | | | D1 | 14 |
| 20 | 3610-197-2111 | ESCUTCHEON, RIGHT HAND<br>20513 (09177) | EA | 1 | | | | | D1 | 15 |
| 20 | | FASTENER, PUSH ON: GRILL MTG<br>19953 (09177) | EA | 8 | | | | | D1 | 16 |
| 20 | | GRILL<br>19437 (09177) | EA | 2 | | | | | D1 | 17 |
| 20 | | SPEED CONTROL UNIT ASSEMBLY<br>27106 (09177) | EA | 1 | | | | | D2 | |
| 20 | 5305-638-2260 | SETSCREW: KNOB, CUP POINT, NO. 8-32 THD SIZE, 3/8 IN. LG | EA | 1 | | | | | D2 | 1 |
| 0 | | KNOB, CONTROL<br>18304 (09177) | EA | 1 | * | * | 1 | 1 | D2 | 2 |
| 20 | | SCREW, MACHINE: BRACKET MTG, NO. 10-32 THD SIZE, 5/16 IN. LG<br>51219 (09177) | EA | 3 | | | | | D2 | 8 |

| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION REF NUMBER & MFR CODE | USABLE ON CODE | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 15-DAY ORGANIZATIONAL MAINTENANCE ALW (a) 1-5 | (b) 6-20 | (c) 21-50 | (d) 51-100 | (7) ILLUSTRATION (a) FIG. NO. | (b) ITEM NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 20 | | WASHER, FLAT: BRACKET MTG, NO. 10 SCREW SIZE 50015 (09177) | | EA | 3 | | | | | D2 | 9 |
| ' 0 | 5920-568-0926 | HOLDER, FUSE 18465 (09177) | | EA | 2 | * | * | * | 1 | D2 | 26 |
| ' 0 | 5920-280-3178 | FUSE: 2.5 AMP 19661 (09177) | | EA | 2 | 1 | 5 | 10 | 21 | D2 | 27 |
| ' 0 | 3610-408-2790 | COVER, DUST: CABINET 20504 (09177) | | EA | 1 | * | * | 1 | 1 | | |
| | | GROUP 02 - PANELS, TRAYS, GUIDE, GUARDS AND SHIELDS | | | | | | | | | |
| ' 0 | 3610-197-2108 | PRINT TRAY ASSEMBLY 20310 (09177) | | EA | 1 | * | * | * | * | D3 | 1 |
| 20 | 5305-208-2088 | SCREW, MACHINE: PANEL AND PLATE MTG, NO. 10-32 THD SIZE, 1/4 IN. LG | | EA | 5 | | | | | D3 | 2 |
| 20 | | TOP PLATE ASSEMBLY 20528 (09177) | | EA | 1 | | | | | D3 | 3 |
| 20 | | PANEL, BACK 20276 (09177) | | EA | 1 | | | | | D3 | 4 |
| 20 | | TRACING TRAY 20217 (09177) | | EA | 1 | | | | | D3 | 5 |
| 20 | | SCREW, MACHINE: PRINT GUIDE, NO. 10-32 THD SIZE, 3/8 IN. LG 51220 (09177) | | EA | 4 | | | | | D3 | 6 |
| 20 | | PRINT GUIDE ASSEMBLY 20360 (09177) | | EA | 1 | | | | | D3 | 7 |
| 20 | | CLIP, GUIDE 20357 (09177) | | EA | 7 | | | | | D3 | 8 |
| 20 | | SCREW, MACHINE: ACKET MTG, NO. 10-32 THD SIZE, 3/16 IN. LG 51217 (09177) | | EA | 4 | | | | | D3 | 9 |
| 20 | | BRACKET: LEFT HAND 20281 (09177) | | EA | 1 | | | | | D3 | 10 |
| 20 | | BRACKET: RIGHT HAND 20280 (09177) | | EA | 1 | | | | | D3 | 11 |
| 20 | 5305-262-9879 | SCREW, MACHINE: ROD MTG, FILLISTER HD, NO. 10-32 THD SIZE, 5/8 IN. LG | | EA | 2 | | | | | D3 | 12 |
| 20 | | WASHER, LOCK: ROD MTG, NO. 10 SCREW SIZE 50016 (09177) | | EA | 2 | | | | | D3 | 13 |
| 20 | | WASHER, FLAT: ROD MTG, NO. 10 SCREW SIZE 50015 (09177) | | EA | 2 | | | | | D3 | 14 |
| 20 | | ROD, SUPPORT: TRACING TRAY 19828 (09177) | | EA | 2 | | | | | D3 | 15 |
| P 0 | 5305-209-6319 | THUMBSCREW: LIGHT SHIELD AND EXHAUST DUCT MTG 20406 (09177) | | EA | 2 | * | * | 1 | 1 | D4 | 1 |
| K20 | | LIGHT SHIELD 20282 (09177) | | EA | 1 | | | | | D4 | 2 |
| K20 | 5305-014-1601 | SCREW, MACHINE: TRUSS HD, NO. 10-32 THD SIZE, 3/16 IN. LG | | EA | 7 | | | | | D4 | 3 |
| K20 | | SCREW, MACHINE: HOUSING MTG, NO. 10-32 THD SIZE, 2 IN. LG 50250 (09177) | | EA | 2 | | | | | D4 | 4 |
| K20 | | WASHER, FLAT: HOUSING MTG, NO. 10 SCREW SIZE 50015 (09177) | | EA | 3 | | | | | D4 | 5 |

| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION REF NUMBER & MFR CODE | USABLE ON CODE | (4) UNIT OF EAS | (5) QTY INC IN UNI | (6) 15-DAY ORGANIZATIONAL MAINTENANCE ALW (a) 1-5 | (b) 6-20 | (d) 1-100 | | (7) ILLUSTRATION (b) ITEM NO. | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| K20 | | SPACER: HOUSING MTG<br>20290 (09177) | | EA | 2 | | | | | D4 | 6 |
| P 0 | 6105-197-678 | HOUSING, BLOWER WHEEL<br>19351 (09177) | | EA | 1 | * | * | * | * | D4 | 7 |
| K20 | | GRILL, HOUSING<br>18476 (09177) | | EA | 1 | | | | | D4 | 8 |
| K20 | | SCREW, MACHINE: GUARD PLATE MTG, NO. 10-32 THD SIZE, 3/8 IN. LG<br>51220 (09177) | | EA | 2 | | | | | D4 | 9 |
| K20 | | PLATE, GUARD<br>20298 (09177) | | EA | 1 | | | | | D4 | 10 |
| K20 | 5305-010-0771 | SCREW, MACHINE: GUARD MTG, NO. 10-32 THD SIZE, 1 3/8 IN. LG | | EA | 1 | | | | | D4 | 11 |
| K20 | | GUARD, CHAIN<br>27102 (09177) | | EA | 1 | | | | | D4 | 12 |
| K20 | | NUT, WING: COVER MTG<br>15468 (09177) | | EA | 4 | | | | | D4 | 13 |
| K20 | | EXHAUST DUCT<br>20260 (09177) | | EA | 1 | | | | | D4 | 14 |
| K20 | | SCREW, MACHINE: COVER MTG, NO. 10-32 THD SIZE, 3/4 IN. LG<br>51223 (09177) | | EA | 1 | | | | | D4 | 15 |
| K20 | | INSULATOR COVER<br>20265 (09177) | | EA | 1 | | | | | D4 | 16 |
| K20 | | LIGHT SHIELD, BASE<br>21028 (09177) | | EA | 1 | | | | | D4 | 17 |
| | | GROUP 03 - DEVELOPER AND CONVEYOR ASSEMBLIES | | | | | | | | | |
| P 0 | 7610-606-5765 | BOTTLE, PLASTIC: DEVELOPER FLUID<br>19678 (09177) | | EA | 1 | * | * | 2 | 2 | D5 | 1 |
| P 0 | 7610-409-4169 | BOTTLE CAP ASSEMBLY<br>19890 (09177) | | EA | 1 | * | * | 1 | 1 | D5 | 2 |
| 20 | 5305-042-1207 | SCREW, MACHINE: RESERVOIR MTG, NO. 10-32 THD SIZE, 5/8 IN. LG | | EA | 1 | | | | | D5 | 3 |
| 20 | | WASHER: RESERVOIR MTG<br>20832 (09177) | | EA | 1 | | | | | D5 | 4 |
| P 0 | 7610-197-2106 | RESERVOIR ASSEMBLY: DEVELOPER FLUID<br>20220 (09177) | | EA | 1 | * | * | * | * | D5 | 5 |
| P 0 | 7120-407-8652 | BUSHING: RESERVOIR MTG<br>20831 (09177) | | EA | 1 | * | * | * | * | D5 | 6 |
| P 0 | | CLAMP, HOSE<br>15517 (88536) | | EA | 2 | * | * | * | 1 | D5 | 7 |
| P 0 | | HOSE, FEED: DEVELOPER FLUID<br>20229 (09177) | | EA | 1 | * | 1 | 1 | 2 | D5 | 8 |
| P 0 | | CLAMP, HOSE<br>20454 (09177) | | EA | 1 | * | * | * | 1 | D5 | 9 |
| P 0 | | HOSE, DRAIN: DEVELOPER FLUID<br>20231 (09177) | | EA | 1 | * | * | 1 | 1 | D5 | 10 |
| P 0 | | CLAMP, SHUTOFF<br>18533 (09177) | | EA | 1 | * | * | * | 1 | D5 | 11 |
| P 0 | 5360-408-3281 | SPRING, TENSION: RESERVOIR<br>20255 (09177) | | EA | 1 | * | * | * | 1 | D5 | 12 |
| K20 | 5305-208-2088 | SCREW, MACHINE: BRACKET MTG, NO. 10-32 THD SIZE, 1/4 IN. LG | | EA | 1 | | | | | D5 | 13 |

| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION<br>REF NUMBER & MFR CODE | USABLE ON CODE | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 15-DAY ORGANIZATIONAL MAINTENANCE ALW (a) 1-5 | (b) 6-20 | (c) 21-50 | (d) 51-100 | (7) ILLUSTRATION (a) FIG. NO. | (b) ITEM NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| K20 | | BRACKET, DRAIN HOSE<br>20365 (09177) | | EA | 1 | | | | | D5 | 14 |
| P O | 3610-197-6838 | FINGER GUIDE ASSEMBLY<br>28826 (09177) | | EA | 1 | * | * | * | * | D6 | 1 |
| P O | 5360-408-3232 | SPRING, TENSION<br>28830 (09177) | | EA | 1 | * | * | 1 | 1 | D6 | 2 |
| K20 | | SCREW, MACHINE: KEEPER AND RETAINER MTG, FILLISTER HD, NO. 10-32 THD SIZE, 3/8 IN. LG<br>50239 (09177) | | EA | 6 | | | | | D6 | 3 |
| K20 | | WASHER, LOCK: KEEPER TRAY AND CAM MTG, NO. 10 SCREW SIZE<br>50016 (09177) | | EA | 7 | | | | | D6 | 4 |
| K20 | | WASHER, FLAT: KEEPER, TRAY, BRACKET, CAM AND ROLLER MTG, NO. 10 SCREW SIZE<br>50015 (09177) | | EA | 14 | | | | | D6 | 5 |
| K20 | | KEEPER: FLOATING ROLLER<br>5-13-1987 (81337) | | EA | 2 | | | | | D6 | 6 |
| P O | 3610-197-6842 | FLOATING ROLLER ASSEMBLY<br>19924 (09177) | | EA | 2 | * | * | * | 1 | D6 | 7 |
| K20 | | SETSCREW: GEAR, ROLLER, NO. 10-32 THD SIZE, 1/4 IN. LG<br>50603 (09177) | | EA | 2 | | | | | D6 | 8 |
| P O | 3020-409-0767 | GEAR, 38T: PLAIN DEVELOPER ROLLER<br>18324 (09177) | | EA | 1 | * | * | * | * | D6 | 9 |
| K20 | 5305-543-4494 | SETSCREW: NO. 10-32 THD SIZE, 3/16 IN. LG | | EA | 12 | | | | | D6 | 10 |
| P O | 3020-408-2406 | GEAR, 31T: GROOVED ROLLER<br>18323 (09177) | | EA | 1 | * | * | * | * | D6 | 11 |
| P O | | RETAINER, BEARING: GROOVED AND PLAIN DEVELOPER ROLLERS<br>18344 (09177) | | EA | 2 | * | * | * | 1 | D6 | 12 |
| P O | 3120-407-5606 | BEARING, NYLON: GROOVED AND PLAIN DEVELOPER ROLLERS<br>18766 (09177) | | EA | 4 | * | * | * | 1 | D6 | 13 |
| P O | 3610-197-6835 | PLAIN DEVELOPER ROLLER<br>19915 (09177) | | EA | 1 | * | * | * | 1 | D6 | 14 |
| P O | 3610-197-6834 | GROOVED ROLLER ASSEMBLY<br>19921 (09177) | | EA | 2 | * | * | * | 1 | D6 | 15 |
| X20 | | STOP NUT, ELASTIC: YOKE MTG, 5/16-18 THD SIZE<br>16275 (09177) | | EA | 2 | | | | | D6 | 16 |
| X20 | 5305-080-3639 | SCREW, CAP, HEXAGON HEAD: YOKE MTG, 5/16-18 THD SIZE, 1 IN. LG | | EA | 2 | | | | | D6 | 17 |
| X20 | | DEVELOPER YOKE FRAME ASSEMBLY<br>28827 (09177) | | EA | 1 | | | | | D6 | 18 |
| X20 | | BOLT, CARRIAGE: STOP MTG, NO. 10-32 THD SIZE, 1/2 IN. LG<br>50700 (09177) | | EA | 2 | | | | | D6 | 19 |
| X20 | | STOP, RESERVOIR<br>20219 (09177) | | EA | 1 | | | | | D6 | 20 |
| X20 | | SCREW, MACHINE: LINK TO YOKE MTG, OVEN HD, NO. 10-32 THD SIZE, 3/8 IN. LG<br>51220 (09177) | | EA | 9 | | | | | D6 | 21 |
| X20 | 5310-819-7677 | NUT, PLAIN, HEXAGON: CRANK ASSEMBLY MTG, NO. 10-32 THD SIZE | | EA | 1 | | | | | D6 | 22 |
| X20 | | HUB: CRANK ASSEMBLY MTG<br>19989 (09177) | | EA | 1 | | | | | D6 | 23 |

| SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION<br>REF NUMBER & MFR CODE | USABL ON CODE | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 15-DAY ORGANIZATIONAL MAINTENANCE ALW (a) 1-5 | (b) 6-20 | (c) 21-50 | (d) 51-1 | (7) ILLUSTRATION (a) FIG NO. | (b) ITEM NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 20 | | SCREW, MACHINE: CRANK ASSEMBLY MTG, NO. 10-32 THD SIZE, 3/4 IN. LG<br>51223 (09177) | | EA | 1 | | | | | D | 24 |
| 20 | | CRANK ARM ASSEMBLY<br>19889 (09177) | | EA | 1 | | | | | D | |
| X20 | | SCREW, MACHINE: OVEN HD, NO. 10-32 THD SIZE, 1/2 IN. LG<br>51133 (09177) | | EA | 1 | | | | | D | 25 |
| X20 | | LINK<br>19988 (09177) | | EA | 1 | | | | | D | 26 |
| X20 | | CATCH<br>19987 (09177) | | EA | 1 | | | | | D | 27 |
| 0 | | BUSHING<br>19986 (09177) | | EA | 1 | * | * | * | * | D | 28 |
| X20 | | KNOB<br>19954 (09177) | | EA | 1 | | | | | D | 29 |
| X20 | | SPACER<br>19983 (09177) | | EA | 1 | | | | | D | 30 |
| X20 | | BOLT, MACHINE: 3/8-16 THD SIZE, 2 IN. LG<br>19984 (09177) | | EA | 1 | | | | | D | 31 |
| X20 | | CRANK ARM<br>19985 (09177) | | EA | 1 | | | | | D | 32 |
| X20 | | CREW, MACHINE: CAM MTG, SOCKET HD, NO. 10-32 THD SIZE, 1/2 IN. LG | | EA | 1 | | | | | D | 33 |
| 0 | 5310-197-210 | AM, ADJUSTMENT<br>10740 (09177) | | EA | 1 | * | * | * | * | D | 34 |
| X20 | | UT, STOP, ELASTIC: GEAR MTG, 1/4-20 THD SIZE<br>12917 (09177) | | EA | 1 | | | | | D | 35 |
| 0 | 3020-408-457 | DLER GEAR 28T<br>20214 (09177) | | EA | 1 | * | * | * | * | D | 36 |
| 0 | 20-433-362 | LANGE BEARING: IDLER GEAR<br>21276 (01977) | | EA | 1 | * | * | * | 1 | D | 37 |
| X20 | | OLT, CARRI AGE: GEAR MTG, 1/4-20 THD SIZ 3 IN. LG<br>50705 (09177) | | EA | 1 | | | | | D | 38 |
| 0 | 20-267-3351 | HAIN, DRIVE<br>27105 (73433) | | EA | 1 | * | * | * | 1 | D | 39 |
| X20 | | CREW, MACHINE: TRAY MTG, SOCKET HD, NO. 10-32 THD SIZE, 3/8 IN. LG<br>50432 (09177) | | EA | 2 | | | | | D | 40 |
| X20 | | RAY, DRIP<br>20294 (09177) | | EA | 1 | | | | | D | 41 |
| X2 | | CREW, MACHINE: TROUGH MTG, FILLISTER HD, NO. 10-32 THD SIZE, 1/4 IN. LG | | EA | 2 | | | | | D | 42 |
| X2 | | EVELOPER TROUGH ASSEMBLY<br>20234 (09177) | | EA | 1 | | | | | D | 43 |
| X20 | | BRACKET, RIGHT HAND: TROUGH<br>20292 (09177) | | EA | 1 | | | | | D | 44 |
| X20 | | BRACKET, LEFT HAND: TROUGH<br>20293 (09177) | | EA | 1 | | | | | D | 45 |
| | 3020-410-8572 | PROCKET, 19T: CONVEYOR DRIVE ROLLER<br>20211 (09177) | | EA | 1 | * | * | * | * | D | 46 |
| | 10-407-5605 | EARING, BALL: CONVEYOR DRIVE ROLLER<br>17476 (09177) | | EA | 2 | * | * | * | 1 | D | 47 |
| | | ROLLER, DRIVE: CONVEYOR<br>19961 (09177) | | EA | 1 | * | * | * | * | D | 48 |

| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | DESCRIPTION<br>REF NUMBER & MFR CODE | USABLE ON CODE | ) IT F AS | (5) QTY INC IN UNIT | (6) 5-DAY ORGANIZATIONAL MAINTENANCE ALW a) -5 | (b) 6-20 | (c) 21-50 | (d) 51-100 | (7) ILLUSTRATION (a) FIG. NO. | (b) ITEM NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| !0 | | CONVEYOR GUIDE ASSEMBLY<br>20256 (09177) | | EA | 2 | | | | | D6 | |
| !0 | | SCREW, MACHINE: ROLLER MTG, NO 10-32 THD SIZE, 3/4 IN. LG<br>20465 (09177) | | EA | 2 | | | | | D6 | 49 |
| 0 | 120-407-859! | BEARING, ROLLER<br>18487 (09177) | | EA | 2 | * | * | * | 1 | D6 | 50 |
| 0 | 510-197-683! | ROLLER, GUIDE<br>18486 (09177) | | EA | 2 | * | * | * | 1 | D6 | 51 |
| !0 | | BRACKET: GUIDE<br>20257 (09177) | | EA | 2 | | | | | D6 | 52 |
| !0 | | JT, SQUARE: ROLLER MTG, NO. 10-32 THD SIZE<br>20384 (09177) | | EA | 2 | | | | | D6 | 53 |
| 0 | 360-422-252! | PRING, TENS I ON: CONVEYOR ROLLER<br>20383 (09177) | | EA! | 2 | * | * | 1 | 1 | D6 | 54 |
| !0 | | CREW, MACHI NE: ROLLER MTG, NO. 10-32 THD SIZE, 2 1/4 IN. LG<br>50251 (091 77) | | EA! | 2 | | | | | D6 | 55 |
| 0 | | ONVEYOR ROLLER ASSEMBLY<br>19966 (09177) | | EA | | * | * | * | * | D6 | 56 |
| 0 | | BEAR ING: CONVEYOR ROLLER<br>7379 (09177) | | EA! | 1 | * | * | * | 1 | D6 | 57 |
| 0 | 030-407-674 | ELT, CONVEYOR<br>19906 (09177) | | EA | | * | * | * | * | D6 | 58 |
| 20 | | CREW, MACH I NE: COVER AND BRACKET MTG, OVEN HD, NO. 10-32 SCREW SIZE, 1/2 IN. LG<br>51133 (09177) | | EA | | | | | | D7 | 1 |
| 20 | | OVER, HEATER TERMI NAL<br>19970 (09177) | | EA | | | | | | D7 | 2 |
| 20 | | EATER AND CONVEYOR SUPPORT ASSEMBLY<br>21131 (09177) | | EA | | | | | | D7 | |
| !20 | | SCREW, MACHI NE: SUPPORT BAR, NO. 10-32 THD SIZE, 3/4 IN. LG<br>50242 (09177) | | EA | | | | | | D7 | 3 |
| !20 | | WASHER, FLAT: SUPPORT BAR, NO. 10 SCREW SIZE<br>50015 (09177) | | EA | | | | | | D7 | 4 |
| !20 | | NUT , PLA I N, HEXAGON: SUPPORT BAR, NO. 10-32 THD SIZE<br>50115 (09177) | | EA | | | | | | D7 | 5 |
| !20 | | S CREW, MACHI NE: SUPPORT BAR, NO. 10-32 THD SIZE, 1/2 IN. LG<br>50240 (09177) | | EA | | | | | | D7 | 6 |
| !20 | | WASHER, LOCK: SUPPORT BAR, NO. 10 SCREW SIZE<br>50016 (09177) | | EA | | | | | | D7 | 7 |
| !20 | | SUPPORT BAR, CONVEYOR<br>20201 (09177) | | EA | | | | | | D7 | 8 |
| !20 | | NUT, PLAIN, HEXAGON: BRASS, NO. 6-32 THD SIZE<br>50107 091 77) | | EA | | | | | | D7 | 9 |
| X20 | | WASHER, BRASS: NO. 6 SCREW SIZE<br>19900 (09177) | | EA | | | | | | D7 | 10 |
| P 0 | 3610-197-68 | CAP, HEATER<br>20202 (09177) | | EA | | * | * | * | 1 | D7 | 11 |
| X20 | | BRACKET, HEATER MOUNT I NG<br>19969 (09177) | | EA | | | | | | D7 | 12 |

| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION<br>REF NUMBER & MFR CODE | USABLE ON CODE | (4) NIT OF EAS | (5 QT IN IN | (6) 15-DAY ORGANIZATIONAL MAINTENANCE ALW (a) 1-5 | (b) 6-20 | (c) 21-50 | (d) 1-100 | (7) ILLUS-TRATION (a) FIG. NO. | (b) ITEM NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| P O | 3610-197-6841 | HEATER, TUBULAR<br>19968 (09177) | | EA | | * | * | 1 | 1 | D7 | 13 |
| P O | 3610-197-6840 | REFLECTOR, HEATER<br>19967 (09177) | | EA | | * | * | * | * | D7 | 14 |
| | | GROUP 04 - PRINTER ASSEMBLIES | | | | | | | | | |
| X20 | | BOLT, CARRIAGE: STUD MTG, 1/4-20 THD SIZE 1 IN. LG<br>50705 (09177) | | EA | | | | | | D8 | 1 |
| X20 | | STUD: RESERVOIR STOP<br>26481 (09177) | | EA | | | | | | D8 | 2 |
| X20 | 5305-680-1993 | SCREW, MACHINE: GUIDE ROLLER, NO. 10-32 THD SIZE, 3/4 IN. LG | | EA | | | | | | D8 | 3 |
| X20 | | WASHER, LOCK: GUIDE ROLLER, NO. 10 SCREW SIZE<br>50016 (09177) | | EA | | | | | | D8 | 4 |
| X20 | | WASHER, FLAT: GUIDE ROLLER, NO. 10 SCREW SIZE<br>50015 (09177) | | EA | | | | | | D8 | 5 |
| X20 | | BUSHING: GUIDE ROLLER<br>18487 (09177) | | EA | | | | | | D8 | 6 |
| X20 | | ROLLER, GUIDE: CYLINDER<br>18488 (09177) | | EA | | | | | | D8 | 7 |
| X20 | | ROLLER, CYLINDER<br>18486 (09177) | | EA | | | | | | D8 | 8 |
| X20 | 5305-543-4494 | SETSCREW: BEARINGS AND SPROCKET, NO. 10-32 THD SIZE, 3/16 IN. LG | | EA | 1 | | | | | D8 | 9 |
| P O | 3110-407-5605 | BEARING, BALL<br>17476 (09177) | | EA | | REF | REF | REF | REF | D8 | 10 |
| P O | 5330-470-5427 | SEAL, LIGHT: IDLER ROLLER<br>20291 (09177) | | EA | | * | * | * | 1 | D8 | 11 |
| P O | 3610-197-2103 | IDLER ROLLER<br>19963 (09177) | | EA | | * | * | * | 1 | D8 | 12 |
| P O | 3020-407-4878 | GEAR AND SPROCKET ASSEMBLY<br>20208 (09177) | | EA | | * | * | * | * | D8 | 13 |
| P O | | BEARING, BALL: DRIVE ROLLER<br>17504 (09177) | | EA | | | | | | D8 | 14 |
| X20 | | ROLLER, DRIVE: PRINTER<br>19962 (09177) | | EA | | | | | | D8 | 15 |
| P O | 5360-422-2525 | SPRING, TENSION: STABILIZER<br>19952 (09177) | | EA | | * | * | * | 1 | D8 | 16 |
| X20 | | SCREW, MACHINE: STABILIZER, NO. 10-32 THD SIZE, 3/8 IN. LG<br>50239 (09177) | | EA | | | | | | D8 | 17 |
| X20 | | DRIVE, PIN: STABILIZER<br>3298 (09177) | | EA | | | | | | D8 | 18 |
| X20 | | STABILIZER: SPACER ROLLER<br>21520 (09177) | | EA | | | | | | D8 | 19 |
| P O | 2610-197-6837 | CONTACT BAND<br>22225 (09177) | | EA | 1 | * | 2 | | 6 | D8 | 20 |
| P O | 3610-197-6831 | SPACER ROLLER ASSEMBLY<br>20204 (09177) | | EA | | * | * | * | 1 | D8 | 21 |
| X20 | | SHAFT<br>20253 (09177) | | EA | | | | | | D8 | 22 |
| X20 | | WEDGE, RUBBER: FOR SHIPPING ONLY<br>18684 (09177) | | EA | | | | | | D9 | 1 |

| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION<br>REF NUMBER & MFR CODE | USABLE ON CODE | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 15-DAY ORGANIZATIONAL MAINTENANCE ALW (a) 1-5 | (b) 6-20 | (c) 21-50 | (d) 51-100 | (7) ILLUSTRATION (a) FIG. NO. | (b) ITEM NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| P O | 3610-197-6832 | LAMP: 1200 WATT<br>UA24B (08808) | | EA | 1 | 1 | 5 | 10 | 21 | D9 | 2 |
| X20 | | SCREW, MACHINE: BRACKET MTG, FILLISTER HD, NO. 10-32 THD SIZE, 5/16 IN. LG | | EA | 2 | | | | | D9 | 3 |
| X20 | | WASHER, LOCK: BRACKET MTG, NO. 10 SCREW SIZE<br>50016 (09177) | | EA | 2 | | | | | D9 | 4 |
| X20 | | NUT, WING: BRACKET<br>15468 (09177) | | EA | 1 | | | | | D9 | 5 |
| X20 | | BRACKET, MOUNTING<br>27468 (09177) | | EA | 1 | | | | | D9 | 6 |
| P O | 3610-197-6845 | DUCT ASSEMBLY: LAMP<br>19991 (09177) | | EA | 1 | | | * | * | D9 | |
| X20 | | TWIN NUT: SPRING MTG<br>18365 (09177) | | EA | 2 | | | | | D9 | 7 |
| X20 | | TWIN WASHER: SPRING MTG<br>21905 (09177) | | EA | 2 | | | | | D9 | 8 |
| P O | 5340-408-1712 | SPRING, LAMP<br>18347 (09177) | | EA | 2 | | | * | 1 | D9 | 9 |
| X20 | | WASHER, FLAT: SPRING MTG, NO. 10 SCREW SIZE<br>50015 (09177) | | EA | 4 | | | | | D9 | 10 |
| X20 | | SCREW, MACHINE: SPRING MTG, NO. 10-32 THD SIZE, 3/8 IN. LG<br>51220 (09177) | | EA | 4 | | | | | D9 | 11 |
| X20 | | REFLECTOR<br>19993 (09177) | | EA | 1 | | | | | D9 | 12 |
| X20 | | COVER, DUCT<br>19994 (09177) | | EA | 1 | | | | | D9 | 13 |
| X20 | | DUCT, MOUNTING<br>19992 (09177) | | EA | 1 | | | | | D9 | 14 |
| P O | 3610-102-3056 | CYLINDER<br>19300 (09177) | | EA | 1 | | | 4 | 8 | D9 | 15 |
| P O | 3610-197-6836 | SUPPLY CORD: POWER INPUT<br>20324 (09177) | | EA | 1 | | | 1 | 1 | D10 | 1 |
| X20 | | CLAMP, CABLE<br>14170 (09177) | | EA | 1 | | | | | | |
| X20 | 5305-213-6427 | SCREW, MACHINE: CLAMP MTG, NO. 10-32 THD SIZE, 5/16 IN. LG | | EA | 1 | | | | | | |
| | | GROUP 05 - DRIVE MOTOR AND GEAR HEAD | | | | | | | | | |
| X20 | 5305-723-3866 | SETSCREW: SPROCKET, NO. 10-32 THD SIZE, 1/8 IN. LG | | EA | 2 | | | | | D11 | 1 |
| P O | 3020-408-2397 | SPROCKET, 15T<br>18369 (09177) | | EA | 1 | | | * | * | D11 | 2 |
| X20 | | SETSCREW: ADAPTER, NO. 10-32 THD SIZE, 1/4 IN. LG<br>50603 (09177) | | EA | 1 | | | | | D11 | 3 |
| P O | 3610-197-6846 | ADAPTER<br>27099 (09177) | | EA | 1 | | | * | 1 | D11 | 4 |
| P O | 5935-643-9713 | PLUG, CONTACT<br>20347 (09177) | | EA | 1 | | | * | 1 | D11 | 14 |
| P O | 5977-942-0550 | BRUSH, MOTOR<br>29134 (07829) | | EA | 2 | | | 1 | 3 | | |

| (1) SMR | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION<br>REF NUMBER & MFR CODE | USABLE ON CODE | (4) UNIT OF EA: | (5) QTY INC IN UNIT | (6) 15-DAY ORGANIZATIONAL MAINTENANCE ALW (a) 1-5 | (b) 6-20 | (c) 1-50 | (d) 1-100 | (7) ILLUSTRATION (a) FIG. NO. | (b) ITEM NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| ›0 | 340-225-9833 | SPRING, BRUSH<br>21935 (07829) | | EA | 2 | * | * | * | 1 | | |
| | | GROUP 0707 - FRAME AND SHOCK MOUNTING PLATE | | | | | | | | | |
| 020 | | SCREW, MACHINE: TRIM PHILLIPS HD, NO. 10-32 THD SIZE, 3/8 IN. LG<br>51232 (09177) | | EA | 6 | | | | | D13 | 1 |
| 020 | | TRIM<br>20297 (09177) | | EA | 1 | | | | | D13 | 2 |
| 020 | | SHOCK MOUNTING PLATE ASSEMBLY<br>28812 (09177) | | EA | 1 | | | | | D13 | |
| 020 | | NUT, PLAIN, HEXAGON: MOUNTING BOLT, 3/8-16 THD SIZE<br>50128 09177 | | EA | 4 | | | | | D13 | 3 |
| 020 | | NUT, JAM: MOUNTING BOLT, 3/8-16 THD SIZE<br>50129 (09177) | | EA | 4 | | | | | D13 | 4 |
| 020 | | WASHER, FLAT: MOUNTING BOLT, 3/8 IN. SCREW SIZE<br>50031 (09177) | | EA | 4 | | | | | D13 | 5 |
| 020 | | BOLT, MACHINE: PLATE MTG, 1/4-28 THD SIZE, 1 IN. LG<br>50361 (09177) | | EA | 8 | | | | | D13 | 6 |
| 020 | | PLATE, MOUNT<br>28816 (09177) | | EA | 4 | | | | | D13 | 7 |
| 020 | | BOLT, MACHINE: BASE TO FRAME MTG, 3/8-16 THD SIZE, 1 1/2 IN. LG<br>50326 (09177) | | EA | 4 | | | | | D13 | 8 |
| 020 | | SCREW, MACHINE: MOUNT MTG, FLAT HD, NO. 10-32 THD SIZE, 3/8 IN. LG<br>50432 (09177) | | EA | 32 | | | | | D13 | 9 |
| ›0 | 610-409-4169 | SHOCK MOUNT ASSEMBLY<br>19890 (09177) | | EA | 8 | * | * | 1 | 1 | D13 | 10 |
| 020 | | SCREW, MACHINE: HANDLE MTG, FLAT HD, 1/4-20 THD SIZE, 1/2 IN. LG<br>50464 (09177) | | EA | 12 | | | | | D13 | 11 |
| 020 | | HANDLE, FRONT<br>28815 (09177) | | EA | 2 | | | | | D13 | 12 |
| 020 | | HANDLE, BACK<br>28814 (09177) | | EA | 2 | | | | | D13 | 13 |
| 020 | | BASE<br>28813 (09177) | | EA | 1 | | | | | D13 | 14 |
| | | GROUP 08 - FILM STRIPPER | | | | | | | | | |
| ›0 | 610-606-5764 | FILM STRIPPER ASSEMBLY<br>20900 (09177) | | EA | 1 | * | * | * | * | D14 | |
| 020 | | SCREW, MACHINE: TOP FRAME MTG, NO. 8-32 THD SIZE, 1/2 IN. LG<br>51211 (09177) | | EA | 2 | | | | | D14 | 1 |
| 020 | | WASHER, LOCK: TOP FRAME MTG, NO. 8 SCREW SIZE<br>50013 (09177) | | EA | 2 | | | | | D14 | 2 |
| 020 | | WASHER, FLAT: TOP FRAME MTG, NO. 8 SCREW SIZE<br>50012 (09177) | | EA | 2 | | | | | D14 | 3 |
| 020 | | TOP FRAME<br>20902 (09177) | | EA | 1 | | | | | D14 | 4 |

| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION<br>REF NUMBER & MFR CODE — USABLE ON CODE | (4) UNIT OF ISSUE | (5) QTY INC IN UNIT | (6) 15-DAY ORGANIZATIONAL MAINTENANCE ALW (a) 1-5 | (b) 6-20 | (c) 21-50 | (d) 51-100 | (7) ILLUSTRATION (a) FIG NO. | (b) ITEM NO. |
|---|---|---|---|---|---|---|---|---|---|---|
| 20 | | STUD, PIVOT BAR<br>20910 (09177) | EA | 2 | | | | | D14 | 5 |
| 20 | | PIVOT BAR ASSEMBLY<br>21023 (09177) | EA | 1 | | | | | D14 | 6 |
| 20 | | SCREW, MACHINE: BAR AND BLADE MTG, NO. 8-32 THD SIZE, 3/8 IN. LG<br>51210 (09177) | EA | 7 | | | | | D14 | 7 |
| 20 | | BOTTOM BAR, FRAME<br>20906 (09177) | EA | 1 | | | | | D14 | 8 |
| 20 | | TOP BAR, FRAME<br>20905 (09177) | EA | 1 | | | | | D14 | 9 |
| 20 | | STRIPPER BLADE<br>20904 (09177) | EA | 1 | | | | | D14 | 10 |
| 20 | | SCREW, MACHINE: FILM GUIDE MTG, NO. 10-32 THD SIZE, 1/2 IN. LG<br>51133 (09177) | EA | 4 | | | | | D14 | 11 |
| 20 | | FILM GUIDE<br>21001 (09177) | EA | 1 | | | | | D14 | 12 |
| 20 | | SCREW, MACHINE: MOUNT MTG, NO. 8-32 THD SIZE, 3/4 IN. LG<br>51213 (09177) | EA | 4 | | | | | D14 | 13 |
| 20 | | MOUNT, TOP FRAME<br>20903 (09177) | EA | 2 | | | | | D14 | 14 |
| 20 | | SCREW, MACHINE: BASE MTG, FLAT HD, NO. 8-32 THD SIZE, 1/2 IN. LG<br>50420 091 77) | EA | 4 | | | | | D14 | 15 |
| 20 | | BASE<br>20901 (09177) | EA | 1 | | | | | D14 | 16 |
| 20 | | THUMBSCREW: CLAMP<br>14480 (09177) | EA | 2 | | | | | D14 | 17 |
| 20 | | SWIVEL: THUMBSCREW<br>16279 (09177) | EA | 2 | | | | | D14 | 18 |
| 20 | | CLAMP, STRIPPER<br>13671 (09177) | EA | 2 | | | | | D14 | 19 |

| (1) SMR CODE | FEDERAL STOCK NUMBER | DESCRIPTION<br>REF NUMBER & MFR CODE | USABLE ON CODE | (5) QTY INC IN UNIT | (6) 30-DAY DS MAINT ALLOWANCE (a) 1-20 | (b) 21-5 | (c) 1-10 | (7) 30-DAY GS MAINT ALLOWANCE (a) 1-20 | (b) 21-50 | (c) 1-10 | (8) 1-YR ALW PER 100 QUIP NTG) | (9) ILLUSTRATION (a) FIG. NO. | (b) ITEM NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | SECTION V - REPAIR PARTS FOR DS AND GS MAINTENANCE | | | | | | | | | | | |
| | | GROUP 01 - CABINET ASSEMBLY | | | | | | | | | | | |
| X20 | | SCREW, MACHINE: LOCK MTG, NO. 10-24 THD SIZE, 3/4 IN. LG<br>20468 (09177) | | 2 | | | | | | | | D1 | 1 |
| X20 | | WASHER, FLAT: LOCK MTG, NO. 10 SCREW SIZE<br>50015 (09177) | | 2 | | | | | | | | D1 | 2 |
| X20 | | LOCK, SHIPPING<br>28819 (09177) | | 1 | | | | | | | | D1 | 3 |
| X20 | | NUT, SPEED: LOCK MTG<br>20466 (09177) | | 2 | | | | | | | | D1 | 4 |
| X20 | 5310-905-0762 | NUT, PLAIN, HEXAGON: CABINET MTG, 1/4-20 THD SIZE<br>MS51967-3 (96906) | | 2 | | | | | | | | D1 | 5 |
| X20 | | WASHER, LOCK: CABINET MTG, 1/4 IN. SCREW SIZE<br>50016 (09177) | | 2 | | | | | | | | D1 | 6 |
| X20 | | COLLAR: CABINET MTG<br>5154 (09177) | | 2 | | | | | | | | D1 | 7 |
| X20 | | SCREW, CAP, HEXAGON HEAD: CABINET MTG, 1/4-20 THD SIZE, 3/4 IN. LG<br>50302 (09177) | | 2 | | | | | | | | D1 | 8 |
| P 0 | 3610-197-6844 | CABINET ASSEMBLY<br>19594 (09177) | | 1 | * | * | * | * | * | * | 2 | D1 | |
| X20 | | SCREW, MACHINE: ESCUTCHEON MTG, NO. 10-32 THD SIZE, 5/16 IN. LG<br>51219 (09177) | | 4 | | | | | | | | D1 | 9 |
| X20 | | ESCUTCHEON, LEFT HAND<br>27098 (09177) | | 1 | | | | | | | | D1 | 10 |
| X20 | | TWIN NUT: DIAL MTG<br>21845 (09177) | | 1 | | | | | | | | D1 | 11 |
| X20 | | CLIP, SWITCH<br>20331 (09177) | | 1 | | | | | | | | D1 | 12 |
| P 0 | 3610-197-6846 | DIAL: SPEED CONTROL<br>20977 (86797) | | 1 | * | 1 | 1 | * | 1 | 1 | 15 | D1 | 13 |
| X20 | | SCREW, MACHINE: DIAL MTG, NO. 4-36 THD SIZE, 1/2 IN. LG<br>50455 (09177) | | 2 | | | | | | | | D1 | 14 |
| X20 | 3610-197-2111 | ESCUTCHEON, RIGHT HAND<br>20513 (09177) | | 1 | | | | | | | | D1 | 15 |
| X20 | | FASTENER, PUSH ON: GRILL MTG<br>19953 (09177) | | 8 | | | | | | | | D1 | 16 |
| X20 | | GRILL<br>19437 (09177) | | 2 | | | | | | | | D1 | 17 |
| X20 | | SPEED CONTROL UNIT ASSEMBLY<br>27106 (09177) | | 1 | | | | | | | | D2 | |
| X20 | 5305-638-2260 | SETSCREW: KNOB, CUP POINT, NO. 8-32 THD SIZE, 3/8 IN. LG | | 1 | | | | | | | | D2 | 1 |
| P 0 | | KNOB, CONTROL<br>18304 (09177) | | 1 | 1 | 1 | 3 | 1 | 1 | 3 | 30 | D2 | 2 |
| X2F | | SCREW, MACHINE: END PLATE, NO. 10-32 THD SIZE, 3/16 IN. LG<br>51217 (09177) | | 1 | | | | | | | | D2 | 3 |
| X2F | | END PLATE: SWITCH<br>27173 (09177) | | 1 | | | | | | | | D2 | 4 |

| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION<br>REF NUMBER & MFR CODE / USABLE ON CODE | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30-DAY DS MAINT ALLOWANCE (a) 1-20 | (b) 21-50 | (c) 51-100 | (7) 30-DAY GS MAINT ALLOWANCE (a) 1-20 | (b) 21-50 | (c) 51-100 | (8) 1-YR ALW PER 100 EQUIP CNTGY | (9) ILLUSTRATION (a) FIG. NO. | (b) ITEM NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| X2F | | COVER: SWITCH<br>27172 (09177) | EA | 1 | | | | | | | | D2 | 5 |
| P F | 5930-655-1575 | SWITCH, REVERSING<br>27103 (09177) | EA | 1 | 1 | 1 | 3 | 1 | 1 | 3 | 30 | D2 | 6 |
| X2F | | BUSHING, STRAIN RELIEF: CORD MTG<br>27443 (09177) | EA | 2 | | | | | | | | D2 | 7 |
| X20 | | SCREW, MACHINE: BRACKET MTG, NO. 10-32 THD SIZE, 5/16 IN. LG<br>51219 (09177) | EA | 3 | | | | | | | | D2 | 8 |
| X20 | | WASHER, FLAT: BRACKET MTG, NO. 10 SCREW SIZE<br>50015 (09177) | EA | 3 | | | | | | | | D2 | 9 |
| X2F | 5305-208-2088 | SCREW, MACHINE: COVER MTG, NO. 10-32 THD SIZE, 1/4 IN. LG | EA | 3 | | | | | | | | D2 | 10 |
| X2F | | COVER<br>20320 (09177) | EA | 1 | | | | | | | | D2 | 11 |
| X2F | | SETSCREW: CUP POINT, NO. 10-32 THD SIZE, 1/4 IN. LG<br>50603 (09177) | EA | 5 | | | | | | | | D2 | 12 |
| X2F | | RETAINER COLLAR: CONTROL ROD<br>21236 (09177) | EA | 1 | | | | | | | | D2 | 13 |
| X1 | | ROD, CONTROL<br>20334 (09177) | EA | 1 | | | | | | | | D2 | 14 |
| F | | DOWEL PIN: CONTROL ROD, 1/8 IN. DIA<br>18942 (09177) | EA | 1 | | | | | | | | D2 | 15 |
| P F | 5930-409-0294 | CAM, SWITCH<br>20354 (09177) | EA | 1 | * | * | * | * | * | * | 5 | D2 | 16 |
| P F | 5930-409-0284 | CAM, SWITCH<br>20333 (09177) | EA | 1 | * | * | * | * | * | * | 5 | D2 | 17 |
| P F | 3120-470-5605 | BUSHING, CAM SHAFT<br>20332 (09177) | EA | 1 | * | * | * | * | * | * | 5 | D2 | 18 |
| X2F | | CAM SHAFT SUBASSEMBLY<br>20328 (09177) | EA | 1 | | | | | | | | D2 | 19 |
| P F | | VARIABLE TRANSFORMER<br>18302 (44655) | EA | 1 | 1 | 1 | 3 | 1 | 1 | 3 | 30 | D2 | 20 |
| X2F | | NUT, TWIN: SWITCH MTG<br>16391 (09177) | EA | 1 | | | | | | | | D2 | 21 |
| P F | 5930-472-0638 | SWITCH: 20 AMP<br>21073 (09177) | EA | 2 | 1 | 3 | 5 | 1 | 3 | 5 | 30 | D2 | 22 |
| X2F | | COVER, SWITCH TERMINAL<br>20485 (09177) | EA | 2 | | | | | | | | D2 | 23 |
| X2F | 5310-741-6713 | WASHER, FLAT: SWITCH MTG, NO. 6 SCREW SIZE | EA | 2 | | | | | | | | D2 | 24 |
| X2F | 5305-498-8458 | SCREW, MACHINE: SWITCH MTG, NO. 6-32 THD SIZE, 2 IN. LG | EA | 2 | | | | | | | | D2 | 25 |
| P O | 5920-568-0926 | HOLDER, FUSE<br>18465 (09177) | EA | 2 | * | 1 | 1 | * | 1 | 1 | 15 | D2 | 26 |
| P O | 5920-280-3178 | FUSE: 2.5 AMP<br>19661 (09177) | EA | 2 | 10 | 21 | 42 | 10 | 21 | 42 | 500 | D2 | 27 |
| X2F | 5310-187-5287 | NUT, HEXAGON: SOCKET MTG, NO. 6-32 THD SIZE | EA | 2 | | | | | | | | D2 | 28 |
| P F | 5935-500-6174 | SOCKET, 4 CONTACT: 7.5 AMP, 1875 WATTS<br>16112 (09177) | EA | 1 | * | 1 | 1 | * | 1 | 1 | 15 | D2 | 29 |
| X2F | 5310-013-8473 | WASHER, LOCK: SOCKET MTG, EXTERNAL TEETH, NO. 6 SCREW SIZE | EA | 2 | | | | | | | | D2 | 30 |

| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION<br>REF NUMBER & MFR CODE | USABLE ON CODE | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30-DAY DS MAINT ALLOWANCE (a) 1-20 | (b) 21-50 | (c) 51-100 | (7) 30-DAY GS MAINT ALLOWANCE (a) 1-20 | (b) 21-50 | (c) 51-100 | (8) 1-YR ALW PER 100 EQUIP CNTGY | (9) ILLUSTRATION (a) FIG. NO. | (b) ITEM NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| X2F | 5305-962-8084 | SCREW, MACHINE: SOCKET MTG, FILLISTER HD, NO. 6-32 THD SIZE, 1/4 IN. LG | | EA | 2 | | | | | | | | D2 | 31 |
| P F | | RECTIFIER, FULLWAVE<br>24412 (12060) | | EA | 2 | 1 | 1 | 3 | 1 | 1 | 3 | 30 | D2 | 32 |
| X2F | | WASHER, LOCK: RECTIFIER MTG, NO. 6 SCREW SIZE<br>50009 (09177) | | EA | 2 | | | | | | | | D2 | 33 |
| X2F | | SCREW, MACHINE: RECTIFIER MTG, FILLISTER HD, NO. 6-32 THD SIZE, 3/8 IN. LG<br>50207 (09177) | | EA | 2 | | | | | | | | D2 | 34 |
| P F | 5325-276-5991 | GROMMET: CORD MTG<br>20340 (09177) | | EA | 1 | * | 1 | 1 | * | 1 | 1 | 15 | D2 | 35 |
| X2F | | BRACKET, CONTROL UNIT<br>21171 (09177) | | EA | 1 | | | | | | | | D2 | 36 |
| P O | 3610-408-2790 | COVER, DUST: CABINET<br>20504 (09177) | | EA | 1 | 1 | 1 | 3 | 1 | 1 | 3 | 30 | | |
| | | GROUP 02 -- PANELS, TRAYS, GUIDE, GUARDS AND SHIELDS | | | | | | | | | | | | |
| P O | 3610-197-2108 | PRINT TRAY ASSEMBLY<br>20310 (09177) | | EA | 1 | * | * | * | * | * | * | 1 | D3 | 1 |
| X20 | 5305-208-2088 | SCREW, MACHINE: PANEL AND PLATE MTG, NO. 10-32 THD SIZE, 1/4 IN. LG | | EA | 5 | | | | | | | | D3 | 2 |
| X20 | | TOP PLATE ASSEMBLY<br>20528 (09177) | | EA | 1 | | | | | | | | D3 | 3 |
| X20 | | PANEL, BACK<br>20276 (09177) | | EA | 1 | | | | | | | | D3 | 4 |
| X20 | | TRACING TRAY<br>20217 (09177) | | EA | 1 | | | | | | | | D3 | 5 |
| X20 | | SCREW, MACHINE: PRINT GUIDE, NO. 10-32 THD SIZE, 3/8 IN. LG<br>51220 (09177) | | EA | 4 | | | | | | | | D3 | 6 |
| X20 | | PRINT GUIDE ASSEMBLY<br>20360 (09177) | | EA | 1 | | | | | | | | D3 | 7 |
| X20 | | CLIP, GUIDE<br>20357 (09177) | | EA | 7 | | | | | | | | D3 | 8 |
| X20 | | SCREW, MACHINE: BRACKET MTG, NO. 10-32 THD SIZE, 3/16 IN. LG<br>51217 (09177) | | EA | 4 | | | | | | | | D3 | 9 |
| X20 | | BRACKET: LEFT HAND<br>20281 (09177) | | EA | 1 | | | | | | | | D3 | 10 |
| X20 | | BRACKET: RIGHT HAND<br>20280 (09177) | | EA | 1 | | | | | | | | D3 | 11 |
| X20 | 5305-262-9879 | SCREW, MACHINE: ROD MTG, FILLISTER HD, NO. 10-32 THD SIZE, 5/8 IN. LG | | EA | 2 | | | | | | | | D3 | 12 |
| X20 | | WASHER, LOCK: ROD MTG, NO. 10 SCREW SIZE<br>50016 (09177) | | EA | 2 | | | | | | | | D3 | 13 |
| X20 | | WASHER, FLAT: ROD MTG, NO. 10 SCREW SIZE<br>50015 (09177) | | EA | 2 | | | | | | | | D3 | 14 |
| X20 | | ROD, SUPPORT: TRACING TRAY<br>19828 (09177) | | EA | 2 | | | | | | | | D3 | 15 |
| P O | 5305-209-6319 | THUMBSCREW: LIGHT SHIELD AND EXHAUST DUCT MTG<br>20406 (09177) | | EA | 2 | 1 | 1 | 3 | 1 | 1 | 3 | 30 | D4 | 1 |

| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION<br>REF NUMBER & MFR CODE | USABLE ON CODE | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30-DAY DS MAINT ALLOWANCE (a) 1-20 | (b) 21-50 | (c) 51-100 | (7) 30-DAY GS MAINT ALLOWANCE (a) 1-20 | (b) 21-50 | (c) 51-100 | (8) 1-YR ALW PER 100 EQUIP CNTGY | (9) ILLUSTRATION (a) FIG. NO. | (b) ITEM NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| X20 | | LIGHT SHIELD<br>20282 (09177) | | EA | 1 | | | | | | | | D4 | 2 |
| X20 | 5305-014-1601 | SCREW, MACHINE: TRUSS HD, NO. 10-32 THD SIZE, 3/16 IN. LG | | EA | 7 | | | | | | | | D4 | 3 |
| X20 | | SCREW, MACHINE: HOUSING MTG, NO. 10-32 THD SIZE, 2 IN. LG<br>50250 (09177) | | EA | 2 | | | | | | | | D4 | 4 |
| X20 | | WASHER, FLAT: HOUSING MTG, NO. 10 SCREW SIZE<br>50015 (09177) | | EA | 3 | | | | | | | | D4 | 5 |
| X20 | | SPACER: HOUSING MTG<br>20290 (09177) | | EA | 2 | | | | | | | | D4 | 6 |
| P 0 | 6105-197-6785 | HOUSING, BLOWER WHEEL<br>19351 (09177) | | EA | 1 | * | * | * | * | * | * | 5 | D4 | 7 |
| X20 | | GRILL, HOUSING<br>18476 (09177) | | EA | 1 | | | | | | | | D4 | 8 |
| X20 | | SCREW, MACHINE: GUARD PLATE MTG, NO. 10-32 THD SIZE, 3/8 IN. LG<br>51220 (09177) | | EA | 2 | | | | | | | | D4 | 9 |
| X20 | | PLATE, GUARD<br>20298 (09177) | | EA | 1 | | | | | | | | D4 | 10 |
| X20 | 5305-010-0771 | SCREW, MACHINE: GUARD MTG, NO. 10-32 THD SIZE, 1 3/8 IN. LG | | EA | 1 | | | | | | | | D4 | 11 |
| X20 | | GUARD, CHAIN<br>27102 (09177) | | EA | 1 | | | | | | | | D4 | 12 |
| X20 | | NUT, WING: COVER MTG<br>15468 (09177) | | EA | 2 | | | | | | | | D4 | 13 |
| X20 | | EXHAUST DUCT<br>20260 (09177) | | EA | 1 | | | | | | | | D4 | 14 |
| X20 | | SCREW, MACHINE: COVER MTG, NO. 10-32 THD SIZE, 3/4 IN. LG<br>51223 (09177) | | EA | 1 | | | | | | | | D4 | 15 |
| X20 | | INSULATOR COVER<br>20265 (09177) | | EA | 1 | | | | | | | | D4 | 16 |
| X20 | | LIGHT SHIELD, BASE<br>21028 (09177) | | EA | 1 | | | | | | | | D4 | 17 |
| | | GROUP 03 - DEVELOPER AND CONVEYOR ASSEMBLIES | | | | | | | | | | | | |
| P 0 | 3610-606-5765 | BOTTLE, PLASTIC: DEVELOPER FLUID<br>19678 (09177) | | EA | 1 | 2 | 2 | 3 | 2 | 2 | 3 | 30 | D5 | 1 |
| P 0 | 3610-409-4169 | BOTTLE CAP ASSEMBLY<br>19890 (09177) | | EA | 1 | 1 | 1 | 3 | 1 | 1 | 3 | 30 | D5 | 2 |
| X20 | 5305-042-1207 | SCREW, MACHINE: RESERVOIR MTG, NO. 10-32 THD SIZE, 5/8 IN. LG | | EA | 1 | | | | | | | | D5 | 3 |
| X20 | | WASHER: RESERVOIR MTG<br>20832 (09177) | | EA | 1 | | | | | | | | D5 | 4 |
| P 0 | 3610-197-2106 | RESERVOIR ASSEMBLY: DEVELOPER FLUID<br>20220 (09177) | | EA | 1 | * | * | * | * | * | * | 5 | D5 | 5 |
| P 0 | 3120-407-8652 | BUSHING: RESERVOIR MTG<br>20831 (09177) | | EA | 1 | * | * | * | * | * | * | 5 | D5 | 6 |
| P 0 | | CLAMP, HOSE<br>15517 (88536) | | EA | 2 | * | 1 | 1 | * | 1 | 1 | 16 | D5 | 7 |
| P 0 | | HOSE, FEED: DEVELOPER FLUID<br>20229 (09177) | | EA | 1 | 1 | 2 | 4 | 1 | 2 | 4 | 50 | D5 | 8 |

| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION / REF NUMBER & MFR CODE / USABLE ON CODE | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30-DAY DS MAINT ALLOWANCE (a) 1-20 | (b) 21-50 | (c) 51-100 | (7) 30-DAY GS MAINT ALLOWANCE (a) 1-20 | (b) 21-50 | (c) 51-100 | (8) 1-YR ALW PER 100 EQUIP CNTGY | (9) ILLUSTRATION (a) FIG. NO. | (b) ITEM NO |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P O | | CLAMP, HOSE<br>20454 (09177) | EA | 1 | * | 1 | 1 | * | 1 | 1 | 15 | D5 | |
| P O | | HOSE, DRAIN: DEVELOPER FLUID<br>20231 (09177) | EA | 1 | 1 | 1 | 3 | 1 | 1 | 3 | 30 | D5 | 1 |
| P O | | CLAMP, SHUTOFF<br>18533 (09177) | EA | 1 | * | 1 | 1 | * | 1 | 1 | 15 | D5 | 1 |
| P O | 5360-408-3281 | SPRING, TENSION: RESERVOIR<br>20255 (09177) | EA | 1 | * | 1 | 1 | * | 1 | 1 | 15 | D5 | 1 |
| X20 | 5305-208-2088 | SCREW, MACHINE: BRACKET MTG, NO. 10-32 THD SIZE, 1/4 IN. LG | EA | 1 | | | | | | | | D5 | 1 |
| X20 | | BRACKET, DRAIN HOSE<br>20365 (09177) | EA | 1 | | | | | | | | D5 | 1 |
| P O | 3610-197-6838 | FINGER GUIDE ASSEMBLY<br>28826 (09177) | EA | 1 | * | * | * | * | * | * | 5 | D6 | 1 |
| P O | 5360-408-3232 | SPRING, TENSION<br>28830 (09177) | EA | 1 | 1 | 1 | 3 | 1 | 1 | 3 | 30 | D6 | 2 |
| X20 | | SCREW, MACHINE: KEEPER AND RETAINER MTG, FILLISTER HD, NO. 10-32 THD SIZE, 3/8 IN. LG<br>50239 (09177) | EA | 6 | | | | | | | | D6 | 3 |
| X20 | | WASHER, LOCK: KEEPER TRAY AND CAM MTG, NO. 10 SCREW SIZE<br>50016 (09177) | EA | 7 | | | | | | | | D6 | 4 |
| X20 | | WASHER, FLAT: KEEPER, TRAY, BRACKET, CAM AND ROLLER MTG, NO. 10 SCREW SIZE<br>50015 (09177) | EA | 14 | | | | | | | | D6 | 5 |
| X20 | | KEEPER: FLOATING ROLLER<br>5-13-1987 (81337) | EA | 2 | | | | | | | | D6 | 6 |
| P O | 3610-197-6842 | FLOATING ROLLER ASSEMBLY<br>19924 (09177) | EA | 2 | * | 1 | 2 | * | 1 | 2 | 20 | D6 | 7 |
| X20 | | SETSCREW: GEAR, ROLLER, NO. 10-32 THD SIZE, 1/4 IN. LG<br>50603 (09177) | EA | 2 | | | | | | | | D6 | 8 |
| P O | 3020-409-0767 | GEAR, 38T: PLAIN DEVELOPER ROLLER<br>18324 (09177) | EA | 1 | * | * | * | * | * | * | 5 | D6 | 9 |
| X20 | 5305-543-4494 | SETSCREW: NO. 10-32 THD SIZE, 3/16 IN LG | EA | 12 | | | | | | | | D6 | 10 |
| P O | 3020-408-2406 | GEAR, 31T: GROOVED ROLLER<br>18323 (09177) | EA | 1 | * | * | * | * | * | * | 5 | D6 | 11 |
| P O | | RETAINER, BEARING: GROOVED AND PLAIN DEVELOPER ROLLERS<br>18344 (09177) | EA | 2 | * | 1 | 1 | * | 1 | 1 | 15 | D6 | 12 |
| P O | 3120-407-5606 | BEARING, NYLON: GROOVED AND PLAIN DEVELOPER ROLLERS<br>18766 (09177) | EA | 4 | * | 1 | 1 | * | 1 | 1 | 15 | D6 | 13 |
| P O | 3610-197-6835 | PLAIN DEVELOPER ROLLER<br>19915 (09177) | EA | 1 | * | 1 | 2 | * | 1 | 2 | 20 | D6 | 14 |
| P O | 3610-197-6834 | GROOVED ROLLER ASSEMBLY<br>19921 (09177) | EA | 2 | * | 1 | 1 | * | 1 | 1 | 15 | D6 | 15 |
| 20 | | STOP NUT, ELASTIC: YOKE MTG, 5/16-18 THD SIZE<br>16275 (09177) | EA | 2 | | | | | | | | D6 | 16 |
| 20 | 5305-080-3639 | SCREW, CAP, HEXAGON HEAD: YOKE MTG, 5/16-18 THD SIZE, 1 IN. LG | EA | 2 | | | | | | | | D6 | 17 |
| 20 | | DEVELOPER YOKE FRAME ASSEMBLY<br>28827 (09177) | EA | 1 | | | | | | | | D6 | 18 |

| (1) SMR CODE | FEDERAL STOCK NUMBER | DESCRIPTION<br>REF NUMBER & MFR CODE | USABLE ON CODE | (4) UNIT OF MEA | (5) QTY INC IN UNIT | (6) 30-DAY DS MAINT ALLOWANCE (a) 1-20 | (b) 1-5 | (c) 1-10 | (7) 30-DAY GS MAINT ALLOWANCE (a) 1-20 | (b) 21-50 | (c) 1-10 | (8) 1-YR ALW PER 100 QUIP ENTG | (9) ILLUSTRATION (a) FIG NO. | (b) ITEM NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| X20 | | BOLT, CARRIAGE: STOP MTG, NO. 10-32 THD SIZE, 1/2 IN. LG<br>50700 (09177) | | EA | 2 | | | | | | | | D6 | 19 |
| X20 | | STOP, RESERVOIR<br>20219 (09177) | | EA | 1 | | | | | | | | D6 | 20 |
| X20 | | SCREW, MACHINE: LINK TO YOKE MTG, OVEN HD, NO. 10-32 THD SIZE, 3/8 IN. LG<br>51220 (09177) | | EA | 9 | | | | | | | | D6 | 21 |
| X20 | 5310-819-7677 | NUT, PLAIN, HEXAGON: CRANK ASSEMBLY MTG, NO. 10-32 THD SIZE | | EA | 1 | | | | | | | | D6 | 22 |
| X20 | | HUB: CRANK ASSEMBLY MTG<br>19989 (09177) | | EA | 1 | | | | | | | | D6 | 23 |
| X20 | | SCREW, MACHINE: CRANK ASSEMBLY MTG, NO. 10-32 THD SIZE, 3/4 IN. LG<br>51223 (09177) | | EA | 1 | | | | | | | | D6 | 24 |
| X20 | | CRANK ARM ASSEMBLY<br>19889 (09177) | | EA | 1 | | | | | | | | D6 | |
| X20 | | SCREW, MACHINE: OVEN HD, NO. 10-32 THD SIZE, 1/2 IN. LG<br>51133 (09177) | | EA | 1 | | | | | | | | D6 | 25 |
| X20 | | LINK<br>19988 (09177) | | EA | 1 | | | | | | | | D6 | 26 |
| X20 | | CATCH<br>19987 (09177) | | EA | 1 | | | | | | | | D6 | 27 |
| P 0 | | BUSHING<br>19986 (09177) | | EA | 1 | * | * | * | * | * | * | 5 | D6 | 28 |
| X20 | | KNOB<br>19954 (09177) | | EA | 1 | | | | | | | | D6 | 29 |
| X20 | | SPACER<br>19983 (09177) | | EA | 1 | | | | | | | | D6 | 30 |
| X20 | | BOLT, MACHINE: 3/8-16 THD SIZE, 2 IN. LG<br>19984 (09177) | | EA | 1 | | | | | | | | D6 | 31 |
| X20 | | CRANK ARM<br>19985 (09177) | | EA | 1 | | | | | | | | D6 | 32 |
| X20 | | SCREW, MACHINE: CAM MTG, SOCKET HD, NO. 10-32 THD SIZE, 1/2 IN. LG | | EA | 1 | | | | | | | | D6 | 33 |
| P 0 | 3610-197-2104 | CAM, ADJUSTMENT<br>10740 (09177) | | EA | 1 | * | * | * | * | * | * | 5 | D6 | 34 |
| X20 | | NUT, STOP, ELASTIC: GEAR MTG, 1/4-20 THD SIZE<br>12917 (09177) | | EA | 1 | | | | | | | | D6 | 35 |
| P 0 | 3020-408-4574 | IDLER GEAR, 28T<br>20214 (09177) | | EA | 1 | * | * | * | * | * | * | 5 | D6 | 36 |
| P 0 | 3120-433-3625 | BEARING: IDLER GEAR<br>21276 (01977) | | EA | 1 | * | 1 | 1 | * | 1 | 1 | 15 | D6 | 37 |
| X20 | | BOLT, CARRIAGE: GEAR MTG, 1/4-20 THD SIZE, 1 IN. LG<br>50705 (09177) | | EA | 1 | | | | | | | | D6 | 38 |
| P 0 | 3020-267-3351 | GEAR, DRIVE<br>27105 (73433) | | EA | 1 | * | 1 | 1 | * | 1 | 1 | 15 | D6 | 39 |
| X20 | | SCREW, MACHINE: TRAY MTG, SOCKET HD, NO. 10-32 THD SIZE, 3/8 IN. LG<br>50432 (09177) | | EA | 2 | | | | | | | | D6 | 40 |
| X20 | | TRAY, DRIP<br>20294 (09177) | | EA | 1 | | | | | | | | D6 | 41 |

| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION<br>REF NUMBER & MFR CODE | USABLE ON CODE | (4) UNIT OF MEAS | (5) QTY INCORP IN UNIT | (6) 30-DAY DS MAINT ALLOWANCE (a) 1-20 | (b) 21-50 | (c) 51-100 | 30-DAY GS MAINT ALLOWANCE (a) 1-20 | (b) 21-50 | (c) 51-100 | (8) 1-YR ALW PER 100 EQUIP CNTG | (9) ILLUSTRATION (a) FIG NO. | (b) ITEM NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| X20 | | SCREW, MACHINE: TROUGH MTG, FILLISTER HD, NO. 10-32 THD SIZE, 1/4 IN. LG | | EA | 2 | | | | | | | | D6 | 42 |
| X20 | | DEVELOPER TROUGH ASSEMBLY 20234 (09177) | | EA | 1 | | | | | | | | D6 | 43 |
| X20 | | BRACKET, RIGHT HAND: TROUGH 20292 (09177) | | EA | 1 | | | | | | | | D6 | 44 |
| X20 | | BRACKET, LEFT HAND: TROUGH 20293 (09177) | | EA | 1 | | | | | | | | D6 | 45 |
| P 0 | 3020-410-8572 | SPROCKET, 19T: CONVEYOR DRIVE ROLLER 20211 (09177) | | EA | 1 | * | * | * | * | * | * | 5 | D6 | 46 |
| P 0 | 3110-407-5605 | BEARING, BALL: CONVEYOR DRIVE ROLLER 17476 (09177) | | EA | 2 | * | 1 | 2 | * | 1 | 2 | 20 | D6 | 47 |
| P 0 | | ROLLER, DRIVE: CONVEYOR 19961 (09177) | | EA | 1 | * | * | * | * | * | * | 5 | D6 | 48 |
| X20 | | CONVEYOR GUIDE ASSEMBLY 20256 (09177) | | EA | 2 | | | | | | | | D6 | |
| X20 | | SCREW, MACHINE: ROLLER MTG, NO 10-32 THD SIZE, 3/4 IN. LG 20465 09177) | | EA | 2 | | | | | | | | D6 | 49 |
| P 0 | 3120-407-8591 | BEARING, ROLLER 18487 (09177) | | EA | 2 | * | 1 | 2 | * | 1 | 2 | 15 | D6 | 50 |
| P 0 | 3610-197-6835 | ROLLER, GUIDE 18486 (09177) | | EA | 2 | * | 1 | 1 | * | 1 | 1 | 15 | D6 | 51 |
| X20 | | BRACKET: GUIDE 20257 (09177) | | EA | 2 | | | | | | | | D6 | 52 |
| X20 | | NUT, SQUARE: ROLLER MTG, NO. 10-32 THD SIZE 20384 (09177) | | EA | 2 | | | | | | | | D6 | 53 |
| P 0 | 5360-422-2526 | SPRING, TENSION: CONVEYOR ROLLER 20383 (09177) | | EA | 2 | 1 | 1 | 3 | 1 | 1 | 3 | 3 | D6 | 54 |
| X20 | | SCREW, MACHINE: ROLLER MTG, NO. 10-32 THD SIZE, 2 1/4 IN. LG 50251 (09177) | | EA | 2 | | | | | | | | D6 | 55 |
| P 0 | | CONVEYOR ROLLER ASSEMBLY 19966 (09177) | | EA | 1 | * | * | * | * | * | * | 5 | D6 | 56 |
| P 0 | | BEARING: CONVEYOR ROLLER 7379 (09177) | | EA | 2 | * | 1 | 2 | * | 1 | 2 | 20 | D6 | 57 |
| P 0 | 3030-407-6746 | BELT, CONVEYOR 19906 (09177) | | EA | 1 | * | * | 1 | * | * | 1 | 10 | D6 | 58 |
| X20 | | SCREW, MACHINE: COVER AND BRACKET MTG, OVEN HD, NO. 10-32 SCREW SIZE, 1/2 IN. LG 51133 (09177) | | EA | 4 | | | | | | | | D7 | 1 |
| X20 | | COVER, HEATER TERMINAL 19970 (09177) | | EA | 2 | | | | | | | | D7 | 2 |
| X20 | | HEATER AND CONVEYOR SUPPORT ASSEMBLY 21131 (09177) | | EA | 1 | | | | | | | | D7 | |
| X20 | | SCREW, MACHINE: SUPPORT BAR, NO. 10-32 THD SIZE, 3/4 IN. LG 50242 (09177) | | EA | 2 | | | | | | | | D7 | 3 |
| X20 | | WASHER, FLAT: SUPPORT BAR, NO. 10 SCREW SIZE 50015 (09177) | | EA | 3 | | | | | | | | D7 | 4 |
| X20 | | NUT, PLAIN, HEXAGON: SUPPORT BAR, NO. 10-32 THD SIZE 50115 (09177) | | EA | 1 | | | | | | | | D7 | 5 |
| X20 | | SCREW, MACHINE: SUPPORT BAR, NO. 10-32 THD SIZE, 1/2 IN. LG 50240 (09177) | | EA | 1 | | | | | | | | D7 | 6 |

| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION<br>REF NUMBER & MFR CODE / USABLE ON CODE | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30-DAY DS MAINT ALLOWANCE (a) 1-20 | (b) 21-50 | (c) 51-100 | (7) 30-DAY GS MAINT ALLOWANCE (a) 1-20 | (b) 21-50 | (c) 51-100 | (8) 1-YR ALW PER 100 EQUIP CNTGY | (9) ILLUSTRATION (a) FIG. NO. | (b) ITEM NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| X20 | | WASHER, LOCK: SUPPORT BAR, NO. 10 SCREW SIZE<br>50016 (09177) | EA | 1 | | | | | | | | D7 | 7 |
| X20 | | SUPPORT BAR, CONVEYOR<br>20201 (09177) | EA | 1 | | | | | | | | D7 | 8 |
| X20 | | NUT, PLAIN, HEXAGON: BRASS, NO. 6-32 THD SIZE<br>50107 (09177) | EA | 4 | | | | | | | | D7 | 9 |
| X20 | | WASHER, BRASS: NO. 6 SCREW SIZE<br>19900 (09177) | EA | 4 | | | | | | | | D7 | 10 |
| P O | 3610-197-6833 | CAP, HEATER<br>20202 (09177) | EA | 4 | * | 1 | 2 | * | 1 | 2 | 20 | D7 | 11 |
| X20 | | BRACKET, HEATER MOUNTING<br>19969 (09177) | EA | 2 | | | | | | | | D7 | 12 |
| P O | 3610-197-6841 | HEATER, TUBULAR<br>19968 (09177) | EA | 2 | 1 | 1 | 3 | 1 | 1 | 3 | 30 | D7 | 13 |
| P O | 3610-197-6840 | REFLECTOR, HEATER<br>19967 (09177) | EA | 1 | * | * | * | * | * | * | 5 | D7 | 14 |
| | | GROUP 04 - PRINTER ASSEMBLIES | | | | | | | | | | | |
| X20 | | BOLT, CARRIAGE: STUD MTG, 1/4-20 THD SIZE 1 IN. LG<br>50705 (09177) | EA | 1 | | | | | | | | D8 | 1 |
| X20 | | STUD: RESERVOIR STOP<br>26481 (09177) | EA | 1 | | | | | | | | D8 | 2 |
| X20 | 5305-680-1993 | SCREW, MACHINE: GUIDE ROLLER, NO. 10-32 THD SIZE, 3/4 IN. LG | EA | 4 | | | | | | | | D8 | 3 |
| X20 | | WASHER, LOCK: GUIDE ROLLER, NO. 10 SCREW SIZE<br>50016 (09177) | EA | 4 | | | | | | | | D8 | 4 |
| X20 | | WASHER, FLAT: GUIDE ROLLER, NO. 10 SCREW SIZE<br>50015 (09177) | EA | 4 | | | | | | | | D8 | 5 |
| X20 | | BUSHING: GUIDE ROLLER<br>18487 (09177) | EA | 4 | | | | | | | | D8 | 6 |
| X20 | | ROLLER, GUIDE: CYLINDER<br>18488 (09177) | EA | 2 | | | | | | | | D8 | 7 |
| X20 | | ROLLER, CYLINDER<br>18486 (09177) | EA | 2 | | | | | | | | D8 | 8 |
| X20 | 5305-543-4494 | SETSCREW: BEARINGS AND SPROCKET, NO. 10-32 THD SIZE, 3/16 IN. LG | EA | 15 | | | | | | | | D8 | 9 |
| P O | 3110-407-5605 | BEARING, BALL<br>17476 (09177) | EA | 7 | REF | REF | REF | REF | REF | REF | REF | D8 | 10 |
| P O | 5330-470-5427 | SEAL, LIGHT: IDLER ROLLER<br>20291 (09177) | EA | 2 | * | 1 | 1 | * | 1 | 1 | 15 | D8 | 11 |
| P O | 3610-197-2103 | IDLER ROLLER<br>19963 (09177) | EA | 2 | * | 1 | 1 | * | 1 | 1 | 16 | D8 | 12 |
| P O | 3020-407-4878 | GEAR AND SPROCKET ASSEMBLY<br>20208 (09177) | EA | 1 | * | * | * | * | * | * | 5 | D8 | 13 |
| P O | | BEARING, BALL: DRIVE ROLLER<br>17504 (09177) | EA | 1 | | | | | | | | D8 | 14 |
| X20 | | ROLLER, DRIVE: PRINTER<br>19962 (09177) | EA | 1 | | | | | | | | D8 | 15 |
| P O | 5360-422-2525 | SPRING, TENSION: STABILIZER<br>19952 (09177) | EA | 2 | * | 1 | 1 | * | 1 | 1 | 15 | D8 | 16 |

| SMR CODE | FEDERAL STOCK NUMBER | DESCRIPTION<br>REF NUMBER & MFR CODE | USABLE ON CODE | UNIT OF MEAS | QTY INC IN UNIT | 30-DAY DS MAINT ALLOWANCE (a) 1-20 | (b) 21-50 | (c) 51-100 | 30-DAY GS MAINT ALLOWANCE (a) 1-20 | (b) 21-50 | (c) 51-100 | 1-YR ALW PER 100 EQUIP CNTGY | ILLUSTRATION (a) FIG. NO. | (b) ITEM NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| X20 | | SCREW, MACHINE: STABILIZER, NO. 10-32 THD SIZE, 3/8 IN. LG<br>50239 (09177) | | EA | 2 | | | | | | | | D8 | 17 |
| X20 | | DRIVE, PIN: STABILIZER<br>3298 (09177) | | EA | 1 | | | | | | | | D8 | 18 |
| X20 | | STABILIZER: SPACER ROLLER<br>21520 (09177) | | EA | 1 | | | | | | | | D8 | 19 |
| P O | 2610-197-6837 | CONTACT BAND<br>22225 (09177) | | EA | 15 | 3 | 6 | 13 | 3 | 6 | 13 | 150 | D8 | 20 |
| P O | 3610-197-6831 | SPACER ROLLER ASSEMBLY<br>20204 (09177) | | EA | 1 | * | 1 | 1 | * | 1 | 1 | 15 | D8 | 21 |
| X20 | | SHAFT<br>20253 (09177) | | EA | 1 | | | | | | | | D8 | 22 |
| X20 | | WEDGE, RUBBER: FOR SHIPPING ONLY<br>18684 (09177) | | EA | 6 | | | | | | | | D9 | 1 |
| P O | 3610-197-6832 | LAMP: 1200 WATT<br>UA24B (08808) | | EA | 1 | 10 | 21 | 42 | 10 | 21 | 42 | 500 | D9 | 2 |
| X20 | | SCREW, MACHINE: BRACKET MTG, FILLISTER HD, NO. 10-32 THD SIZE, 5/16 IN. LG | | EA | 2 | | | | | | | | D9 | 3 |
| X20 | | WASHER, LOCK: BRACKET MTG, NO. 10 SCREW SIZE<br>50016 (09177) | | EA | 2 | | | | | | | | D9 | 4 |
| X20 | | NUT, WING: BRACKET<br>15468 (09177) | | EA | 1 | | | | | | | | D9 | 5 |
| X20 | | BRACKET, MOUNTING<br>27468 (09177) | | EA | 1 | | | | | | | | D9 | 6 |
| P O | 3610-197-6845 | DUCT ASSEMBLY: LAMP<br>19991 (09177) | | EA | 1 | * | * | * | * | * | * | 5 | D9 | |
| X20 | | TWIN NUT: SPRING MTG<br>18365 (09177) | | EA | 2 | | | | | | | | D9 | 7 |
| X20 | | TWIN WASHER: SPRING MTG<br>21905 (09177) | | EA | 2 | | | | | | | | D9 | 8 |
| P O | 5340-408-1712 | SPRING, LAMP<br>18347 (09177) | | EA | 2 | * | 1 | 2 | * | 1 | 2 | 20 | D9 | 9 |
| X20 | | WASHER, FLAT: SPRING MTG, NO. 10 SCREW SIZE<br>50015 (09177) | | EA | 4 | | | | | | | | D9 | 10 |
| X20 | | SCREW, MACHINE: SPRING MTG, NO. 10-32 THD SIZE, 3/8 IN. LG<br>51220 (09177) | | EA | 4 | | | | | | | | D9 | 11 |
| X20 | | REFLECTOR<br>19993 (09177) | | EA | 1 | | | | | | | | D9 | 12 |
| X20 | | COVER, DUCT<br>19994 (09177) | | EA | 1 | | | | | | | | D9 | 13 |
| X20 | | DUCT, MOUNTING<br>19992 (09177) | | EA | 1 | | | | | | | | D9 | 14 |
| P O | 3610-102-3056 | CYLINDER<br>19300 (09177) | | EA | 1 | 4 | 8 | 17 | 4 | 8 | 17 | 200 | D9 | 15 |
| P O | 3610-197-6836 | SUPPLY CORD: POWER INPUT<br>20324 (09177) | | EA | 1 | 1 | 1 | 3 | 1 | 1 | 3 | 30 | D10 | 1 |
| P F | | SWITCH, LAMP<br>7239 (09177) | | EA | 1 | 1 | 1 | 3 | 1 | 1 | 3 | 30 | D10 | 2 |
| P F | 5930-615-9376 | SWITCH, HEAT CONTROL<br>20364 (09177) | | EA | 1 | 1 | 1 | 3 | 1 | 1 | 3 | 30 | D10 | 3 |
| C2F | 5306-018-7572 | BOLT, MACHINE: CONTROL UNIT MTG, 5/16-18 THD SIZE, 7/8 IN. LG | | EA | 2 | | | | | | | | D10 | 4 |

| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION<br>REF NUMBER & MFR CODE / USABLE ON CODE | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30-DAY DS MAINT ALLOWANCE (a) 1-20 | (b) 21-50 | (c) 51-100 | (7) 30-DAY GS MAINT ALLOWANCE (a) 1-20 | (b) 21-50 | (c) 51-100 | (8) 1-YR ALW PER 100 EQUIP CNTGY | (9) ILLUSTRATION (a) FIG. NO. | (b) ITEM NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| X2F | 5310-010-3820 | WASHER, LOCK: CONTROL UNIT MTG, 5/16 IN. SCREW SIZE | EA | 4 | | | | | | | | D10 | 5 |
| X2F | 5310-761-1681 | NUT, HEXAGON: CONTROL UNIT MTG, 5/16-18 THD SIZE | EA | 2 | | | | | | | | D10 | 6 |
| X2F | | CLAMP, CONTROL UNIT 20457 (09177) | EA | 2 | | | | | | | | D10 | 7 |
| X2F | 5306-018-6624 | BOLT, MACHINE: CONTROL UNIT MTG, 5/16-18 THD SIZE, 1 1/4 IN. LG | EA | 2 | | | | | | | | D10 | 8 |
| P F | 3610-197-2113 | CONTROL UNIT, LAMP 19480 (09177) | EA | 1 | 1 | 1 | 3 | 1 | 1 | 3 | 30 | D10 | 9 |
| X2F | | BAR, SUPPORT 5-13-1-1986-1-15 (81337) | EA | 1 | | | | | | | | D10 | 10 |
| X2F | | RETAINER: CONTROL UNIT MTG BOLT 19950 (09177) | EA | 2 | | | | | | | | D10 | 11 |
| X20 | | CLAMP, CABLE 14170 (09177) | EA | 1 | | | | | | | | | |
| X20 | 5305-213-6427 | SCREW, MACHINE: CLAMP MTG, NO. 10-32 THD SIZE, 5/16 IN. LG | EA | 1 | | | | | | | | | |
| | | GROUP 05 - DRIVE MOTOR AND GEAR HEAD | | | | | | | | | | | |
| X20 | 5305-723-3866 | SETSCREW: SPROCKET, NO. 10-32 THD SIZE, 1/8 IN. LG | EA | 2 | | | | | | | | D11 | 1 |
| P O | 3020-408-2397 | SPROCKET, 15T 18369 (09177) | EA | 1 | * | * | * | * | * | * | 5 | D11 | 2 |
| X20 | | SETSCREW: ADAPTER, NO. 10-32 THD SIZE 1/4 IN. LG 50603 (09177) | EA | 1 | | | | | | | | D11 | 3 |
| P O | 3610-197-6846 | ADAPTER 27099 (09177) | EA | 1 | * | 1 | 1 | * | 1 | 1 | 15 | D11 | 4 |
| X2F | 5310-827-8485 | NUT, HEXAGON: MOTOR MTG, 1/4-20 THD SIZE | EA | 2 | | | | | | | | D11 | 5 |
| X2F | 5310-558-8016 | WASHER, LOCK: MOTOR MTG, 1/4 IN. SCREW SIZE | EA | 2 | | | | | | | | D11 | 6 |
| X2F | 5310-205-9511 | WASHER, FLAT: MOTOR MTG, 1/4 IN. SCREW SIZE | EA | 4 | | | | | | | | D11 | 7 |
| X2F | 5305-285-3868 | SCREW, CAP, HEXAGON HEAD: MOTOR MTG, 1/4-20 THD SIZE, 3/4 IN. LG | EA | 2 | | | | | | | | D11 | 8 |
| X2F | 5305-680-7398 | SCREW, MACHINE: GEAR HEAD MTG, NO. 8-32 THD SIZE, 1 1/4 IN. LG | EA | 1 | | | | | | | | D11 | 9 |
| X2F | 5305-680-1608 | SCREW, MACHINE: GEAR HEAD MTG, NO. 8-32 THD SIZE, 1 1/2 IN. LG | EA | 1 | | | | | | | | D11 | 10 |
| X2F | 5305-297-8002 | SCREW, MACHINE: GEAR HEAD MTG, NO. 8-32 THD SIZE, 7/8 IN. LG | EA | 1 | | | | | | | | D11 | 11 |
| P F | | GEAR HEAD ASSEMBLY: BODINE, INCLUDES FIBER GEARS P18810 (07829) | EA | 1 | 1 | 3 | 5 | 1 | 3 | 5 | 60 | D11 | 12 |
| P F | 6105-103-8181 | DRIVE MOTOR ASSEMBLY 22264 (09177) | EA | 1 | 1 | 1 | 3 | 1 | 1 | 3 | 30 | D11 | |
| X2F | | MOTOR 24801 (09177) | EA | 1 | | | | | | | | D11 | 13 |
| P O | 5935-643-9713 | PLUG, CONTACT 20347 (09177) | EA | 1 | * | 1 | 1 | * | 1 | 1 | 15 | D11 | 14 |
| P O | 5977-942-0550 | BRUSH, MOTOR 29134 (07829) | EA | 2 | 1 | 3 | 5 | 1 | 3 | 5 | 60 | | |

| (1) | (2) | (3) DESCRIPTION | | (4) | (5) | (6) 30-DAY DS MAINT ALLOWANCE | | | (7) 30-DAY GS MAINT ALLOWANCE | | | (8) | (9) ILLUSTRATION | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | FEDERAL STOCK NUMBER | REF NUMBER & MFR CODE | USABLE ON CODE | NI OF EA | QTY INC IN UNIT | (a) 1-20 | (b) 21-5 | (c) 1-10 | (a) 1-20 | (b) 21-5 | (c) 1-10 | 1-YR ALW PER 100 EQUIP CNTGY | (a) FIG NO. | (b) ITEM NO. |
| P O | 5340-225-9833 | SPRING, BRUSH 21935 (07829) | | A | 2 | * | 1 | 1 | * | 1 | 1 | 15 | | |
| | | GROUP 06 - EXHAUST BLOWERS | | | | | | | | | | | | |
| X2F | | SCREW, MACHINE: HOUSING MTG, NO. 10-32 THD SIZE, 3/16 IN. LG 50236 (09177) | | A | 6 | | | | | | | | D12 | 1 |
| X2F | | HOUSING: BLOWER WHEEL 20668 (09177) | | A | 1 | | | | | | | | D12 | 2 |
| X2F | | SETSCREW: BLOWER WHEEL, NO. 10-32 THD SIZE, 1/4 IN. LG 50603 (09177) | | A | 2 | | | | | | | | D12 | 3 |
| P F | 3610-408-2789 | WHEEL, BLOWER 18322 (60399) | | A | 2 | * | 1 | 1 | * | 1 | 1 | 15 | D12 | 4 |
| X2F | 5305-579-5781 | SCREW, MACHINE: BRACKET MTG, NO. 10-32 THD SIZE, 1/2 IN. LG | | A | 8 | | | | | | | | D12 | 5 |
| X2F | | WASHER, LOCK: BRACKET MTG, NO. 10 SCREW SIZE 50016 (09177) | | A | 10 | | | | | | | | D12 | 6 |
| X2F | | NUT, KEEPER: MOTOR, NO. 6-32 THD SIZE 50109 (09177) | | A | 4 | | | | | | | | D12 | 7 |
| X2F | | BRACKET, MOTOR 21878 (09177) | | A | 2 | | | | | | | | D12 | 8 |
| X2F | | SPACER: MOTOR MTG 21879 (09177) | | A | 8 | | | | | | | | D12 | 9 |
| P F | 3610-197-2107 | MOTOR, BLOWER 22109 (09177) | | A | 2 | 1 | 1 | 3 | 1 | 1 | 3 | 30 | D12 | 10 |
| X2F | | SCREW, MACHINE: MOTOR, NO. 6-32 THD SIZE, 2 3/8 IN. LG 51176 (09177) | | A | 4 | | | | | | | | D12 | 11 |
| X2F | | SCREW, MACHINE: BRACKET MTG, NO. 10-32 THD SIZE, 3/8 IN. LG 50239 (09177) | | A | 2 | | | | | | | | D12 | 12 |
| X2F | | BRACKET, MOUNTING 20669 (09177) | | A | 1 | | | | | | | | D12 | 13 |
| | | GROUP 07 - FRAME AND SHOCK MOUNTING PLATE | | | | | | | | | | | | |
| K20 | | SCREW, MACHINE: TRIM PHILLIPS HD, NO. 10-32 THD SIZE, 3/8 IN. LG 51232 (09177) | | A | 6 | | | | | | | | D13 | 1 |
| K20 | | TRIM 20297 (09177) | | A | 1 | | | | | | | | D13 | 2 |
| K20 | | SHOCK MOUNTING PLATE ASSEMBLY 28812 (09177) | | A | 1 | | | | | | | | D13 | |
| K20 | | NUT, PLAIN, HEXAGON: MOUNTING BOLT, 3/8-16 THD SIZE 50128 (09177) | | A | 4 | | | | | | | | D13 | 3 |
| K20 | | NUT, JAM: MOUNTING BOLT, 3/8-16 THD SIZE 50129 (09177) | | A | 4 | | | | | | | | D13 | 4 |
| K20 | | WASHER, FLAT: MOUNTING BOLT, 3/8 IN. SCREW SIZE 50031 (09177) | | A | 4 | | | | | | | | D13 | 5 |
| K20 | | BOLT, MACHINE: PLATE MTG, 1/4-28 THD SIZE, 1 IN. LG 50361 (09177) | | A | 8 | | | | | | | | D13 | 6 |

| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION<br>REF NUMBER & MFR CODE | USABLE ON CODE | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30-DAY DS MAINT ALLOWANCE (a) 1-20 | (b) 21-50 | (c) 51-100 | (7) 30-DAY GS MAINT ALLOWANCE (a) 1-20 | (b) 21-50 | (c) 51-100 | (8) 1-YR ALW PER 100 EQUIP CNTGY | (9) ILLUSTRATION (a) FIG. NO. | (b) ITEM NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| X20 | | PLATE, MOUNT<br>28816 (09177) | | EA | 4 | | | | | | | | D13 | 7 |
| X20 | | BOLT, MACHINE: BASE TO FRAME MTG, 3/8-16 THD SIZE, 1 1/2 IN. LG<br>50326 (09177) | | EA | 4 | | | | | | | | D13 | 8 |
| X20 | | SCREW, MACHINE: MOUNT MTG, FLAT HD, NO. 10-32 THD SIZE, 3/8 IN. LG<br>50432 (09177) | | EA | 32 | | | | | | | | D13 | 9 |
| P O | 3610-409-4169 | SHOCK MOUNT ASSEMBLY<br>19890 (09177) | | EA | 8 | 1 | 1 | 3 | 1 | 1 | 3 | 32 | D13 | 10 |
| X20 | | SCREW, MACHINE: HANDLE MTG, FLAT HD, 1/4-20 THD SIZE, 1/2 IN. LG<br>50464 (09177) | | EA | 12 | | | | | | | | D13 | 11 |
| X20 | | HANDLE, FRONT<br>28815 (09177) | | EA | 2 | | | | | | | | D13 | 12 |
| X20 | | HANDLE, BACK<br>28814 (09177) | | EA | 2 | | | | | | | | D13 | 13 |
| K20 | | BASE<br>28813 (09177) | | EA | 1 | | | | | | | | D13 | 14 |
| K2H | | FRAME ASSEMBLY<br>19944 (09177) | | EA | 1 | | | | | | | | D13 | 15 |
| | | GROUP 08 - FILM STRIPPER | | | | | | | | | | | | |
| P O | 3610-606-5764 | FILM STRIPPER ASSEMBLY<br>20900 (09177) | | EA | 1 | * | * | * | * | * | * | 2 | D14 | |
| X20 | | SCREW, MACHINE: TOP FRAME MTG, NO. 8-32 THD SIZE, 1/2 IN. LG<br>51211 (09177) | | EA | 2 | | | | | | | | D14 | 1 |
| K20 | | WASHER, LOCK: TOP FRAME MTG, NO. 8 SCREW SIZE<br>50013 (09177) | | EA | 2 | | | | | | | | D14 | 2 |
| K20 | | WASHER, FLAT: TOP FRAME MTG, NO. 8 SCREW SIZE<br>50012 (09177) | | EA | 2 | | | | | | | | D14 | 3 |
| K20 | | TOP FRAME<br>20902 (09177) | | EA | 1 | | | | | | | | D14 | 4 |
| K20 | | STUD, PIVOT BAR<br>20910 (09177) | | EA | 2 | | | | | | | | D14 | 5 |
| K20 | | PIVOT BAR ASSEMBLY<br>21023 (09177) | | EA | 1 | | | | | | | | D14 | 6 |
| K20 | | SCREW, MACHINE: BAR AND BLADE MTG, NO. 8-32 THD SIZE, 3/8 IN. LG<br>51210 (09177) | | EA | 7 | | | | | | | | D14 | 7 |
| K20 | | BOTTOM BAR, FRAME<br>20906 (09177) | | EA | 1 | | | | | | | | D14 | 8 |
| K20 | | TOP BAR, FRAME<br>20905 (09177) | | EA | 1 | | | | | | | | D14 | 9 |
| K20 | | STRIPPER BLADE<br>20904 (09177) | | EA | 1 | | | | | | | | D14 | 10 |
| K20 | | SCREW, MACHINE: FILM GUIDE MTG, NO. 10-32 THD SIZE, 1/2 IN. LG<br>51133 (09177) | | EA | 4 | | | | | | | | D14 | 11 |
| K20 | | FILM GUIDE<br>21001 (09177) | | EA | 1 | | | | | | | | D14 | 12 |
| K20 | | SCREW, MACHINE: MOUNT MTG, NO. 8-32 THD SIZE, 3/4 IN. LG<br>51213 (09177) | | EA | 4 | | | | | | | | D14 | 13 |

| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION REF NUMBER & MFR CODE | USABLE ON CODE | (4) INIT OF EA | (5) QTY INC IN UNIT | (6) 30-DAY DS MAINT ALLOWANCE (a) 1-20 | (b) 21-5 | (c) 1-10 | (7) 30-DAY GS MAINT ALLOWANCE (a) 1-20 | (b) 21-50 | (c) 51-100 | (8) 1-YR ALW PER 100 EQUIP CNTGY | (9) ILLUSTRATION (a) FIG. NO. | (b) ITEM NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| X20 | | MOUNT, TOP FRAME<br>20903 (09177) | | A | 2 | | | | | | | | 14 | 14 |
| X20 | | SCREW, MACHINE: BASE MTG, FLAT HD, NO. 8-32THD SIZE, 1/2 IN. LG<br>50420 (09177) | | A | 4 | | | | | | | | 14 | 15 |
| X20 | | BASE<br>20901 (09177) | | A | 1 | | | | | | | | 14 | 16 |
| X20 | | THUMBSCREW: CLAMP<br>14480 (09177) | | A | 2 | | | | | | | | 14 | 17 |
| X20 | | SWIVEL: THUMBSCREW<br>16279 (09177) | | A | 2 | | | | | | | | 14 | 18 |
| X20 | | CLAMP, STRIPPER<br>13671 (09177) | | A | 2 | | | | | | | | 14 | 19 |

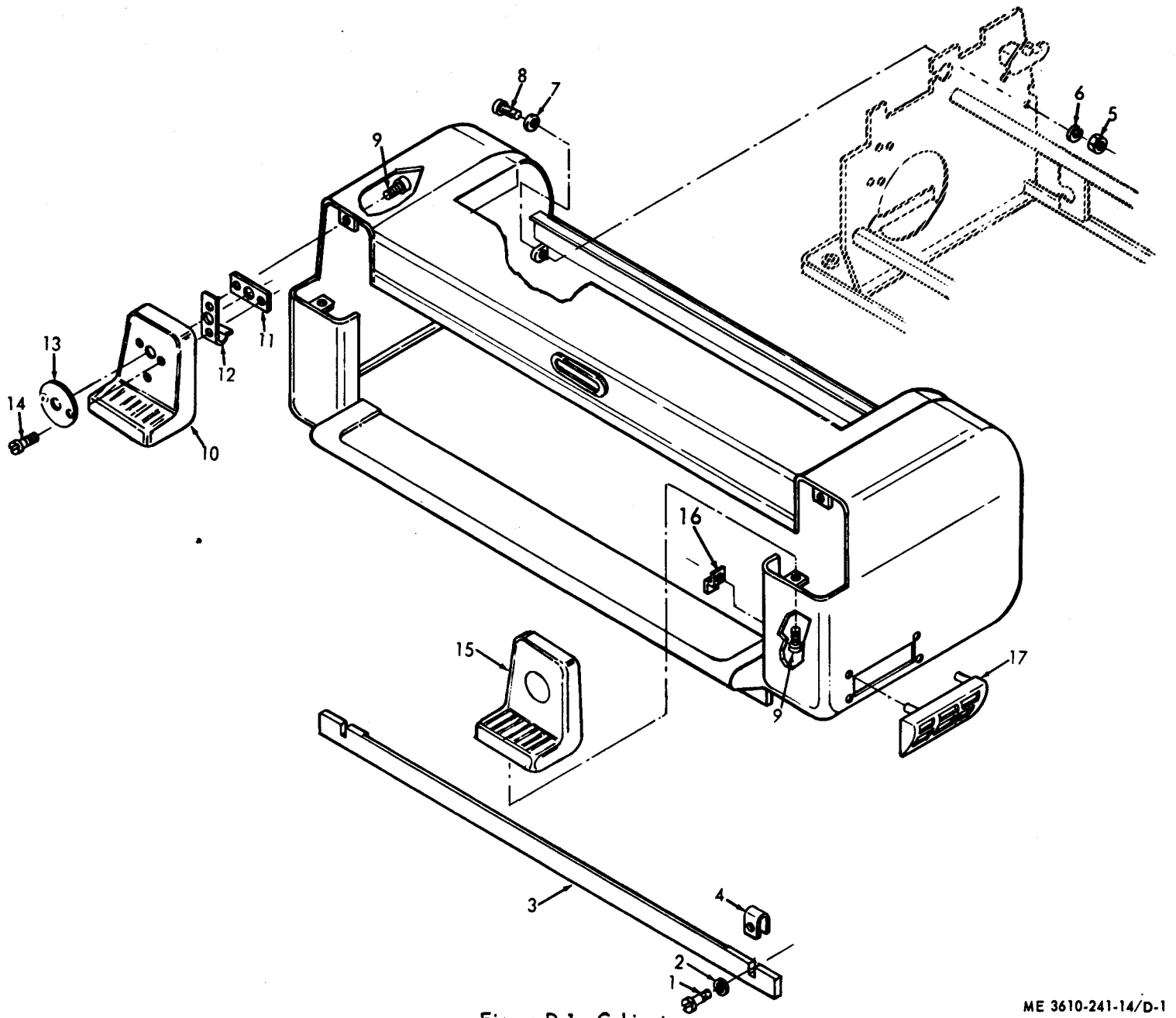



Figure D-1. Cabinet

ME 3610-241-14/D-1

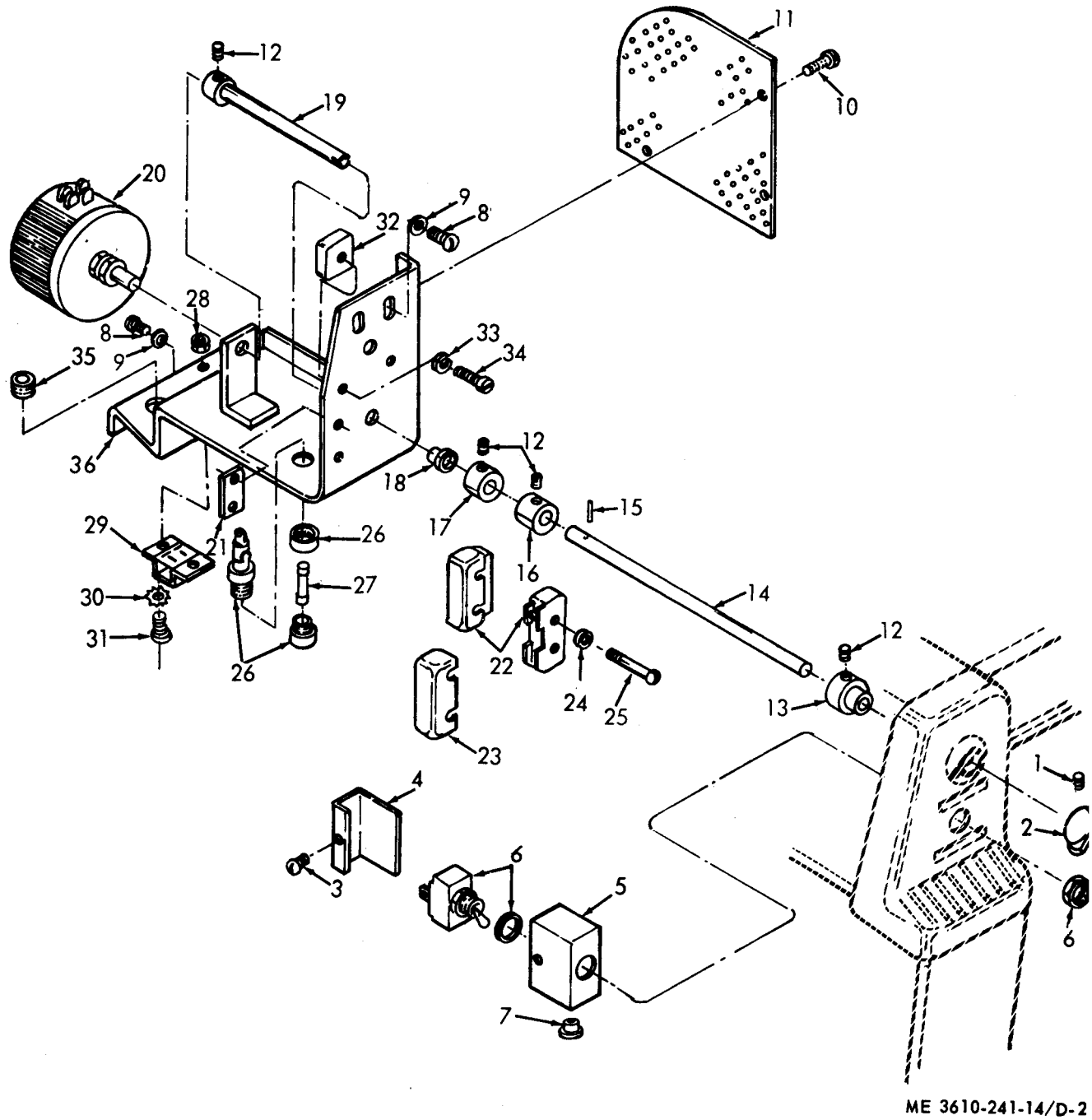



Figure D-2. Speed Control Unit and Reversing Switch

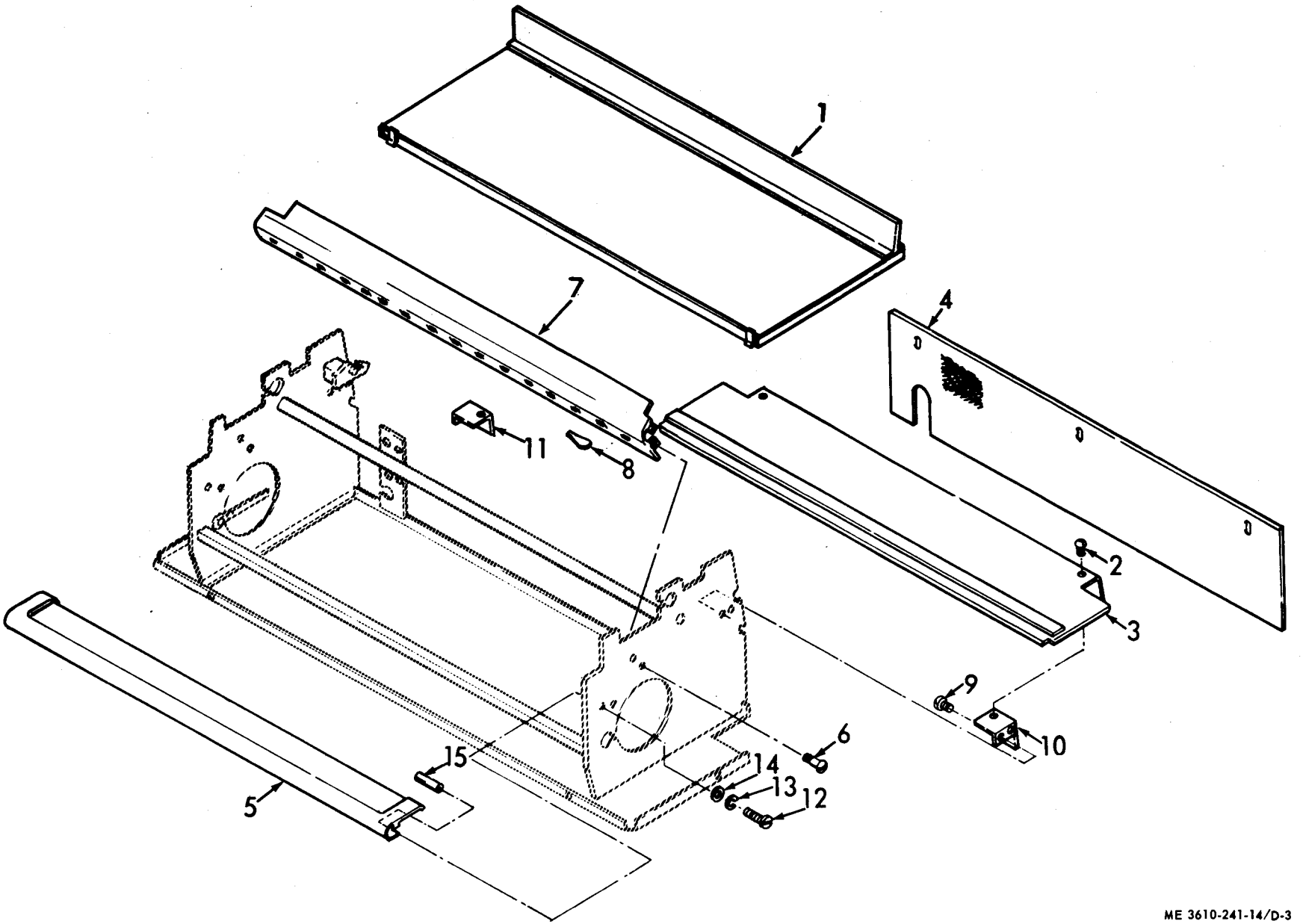



Figure D-3. Panels, Trays and Guide

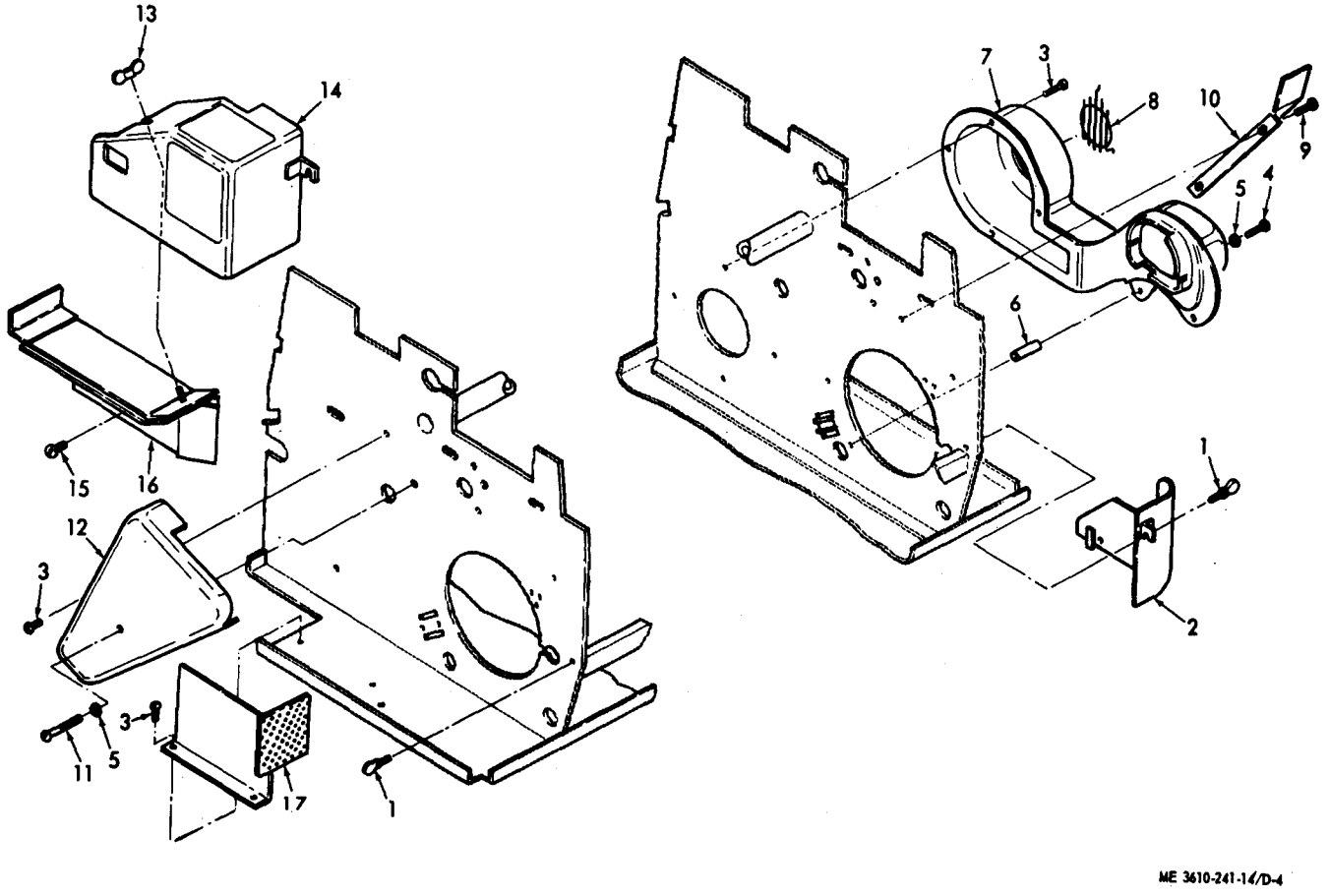
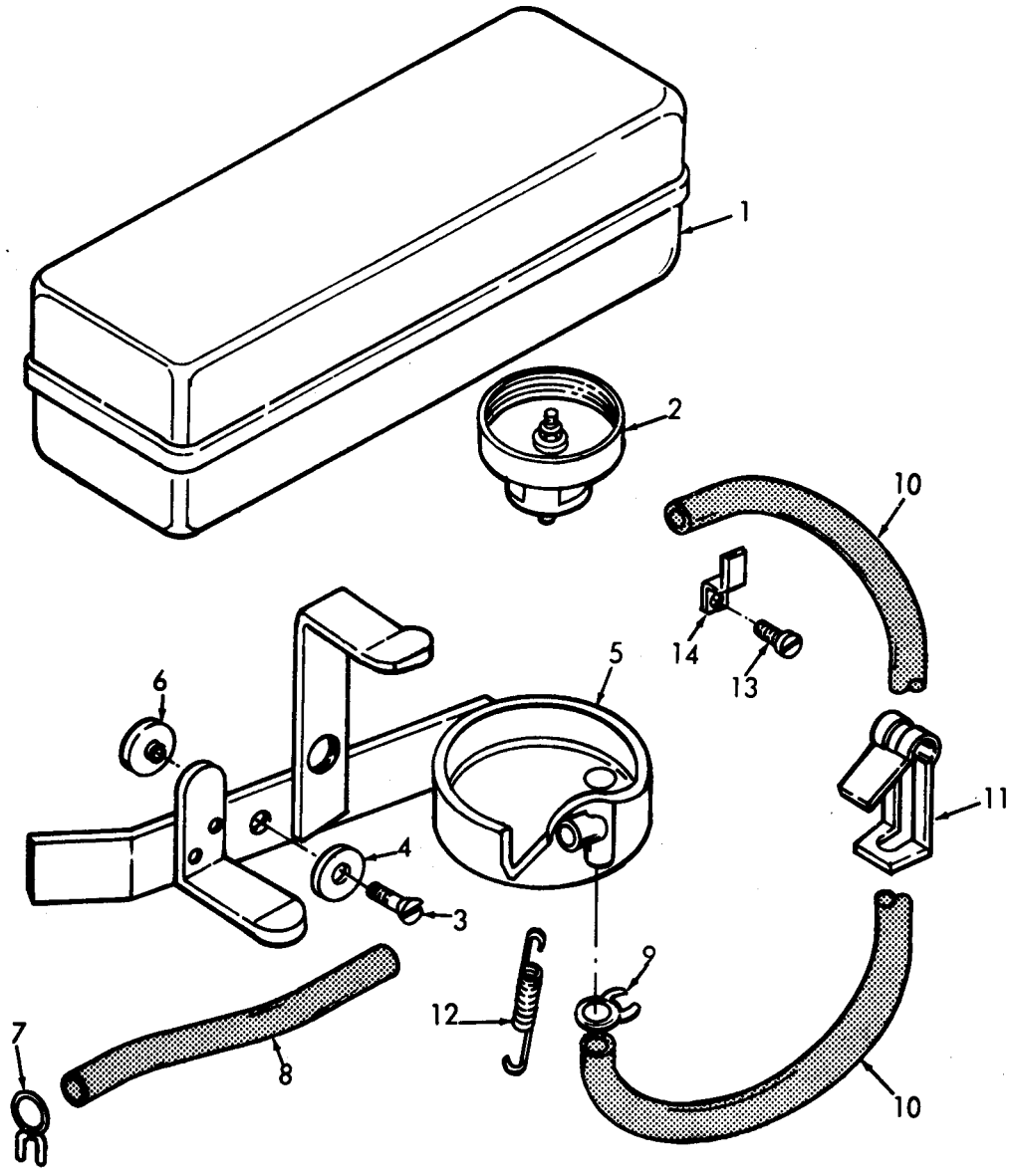



Figure D-4. Guards, Shields and Duct




ME 3610-241-14/D-5

Figure D-5. Reservoir, Bottle and Hoses

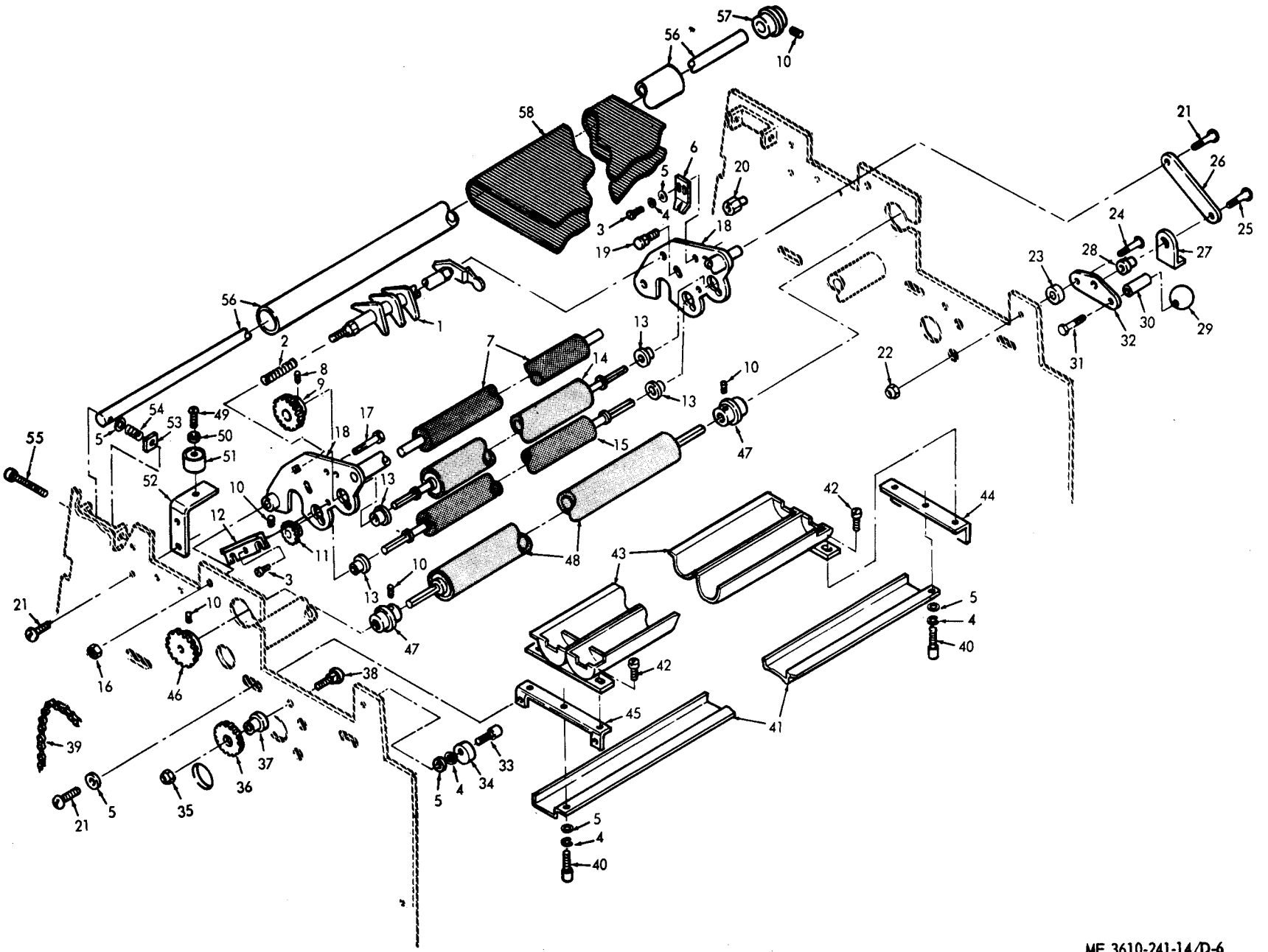


Figure D-6. Developer and Conveyor

ME 3610-241-14/D-6

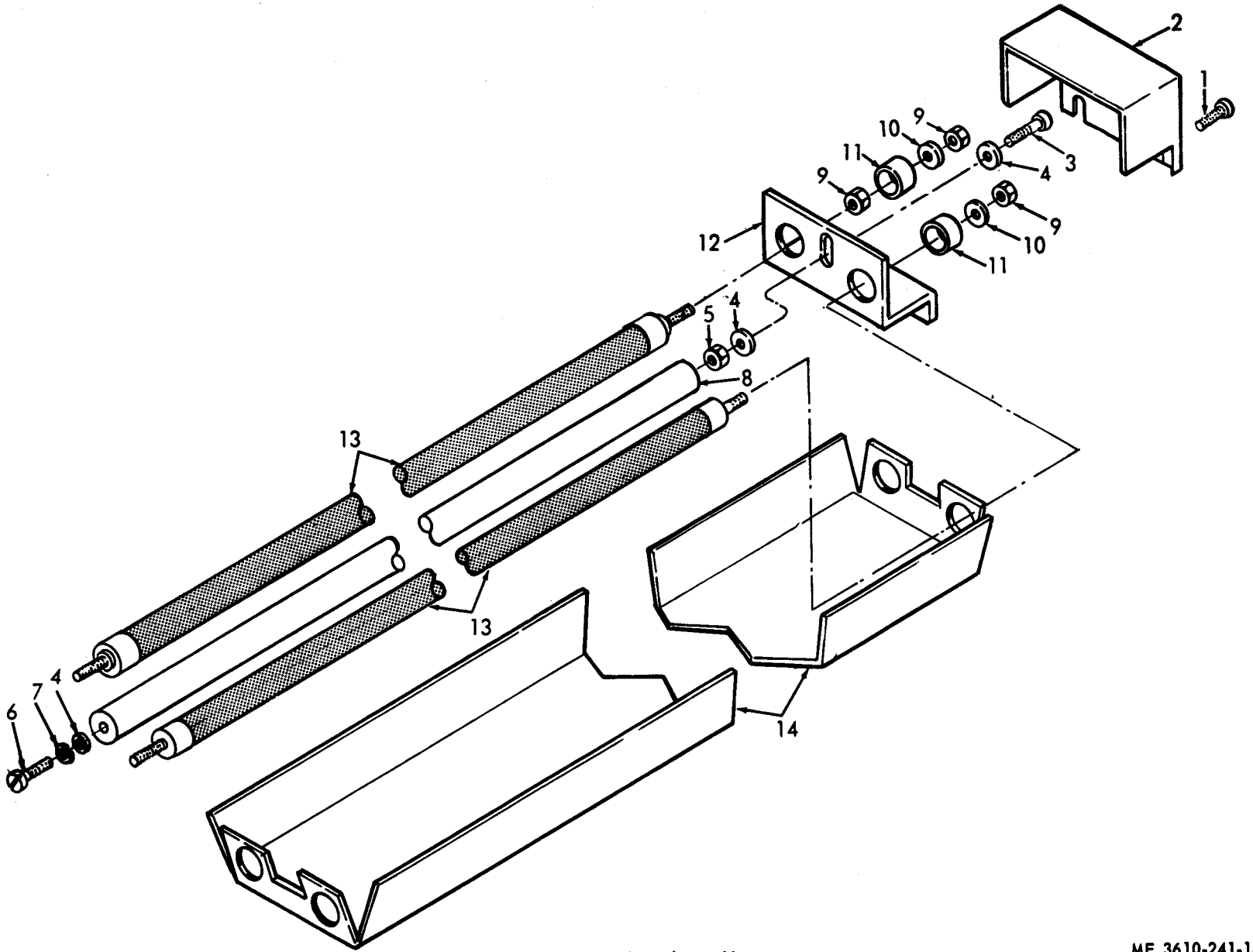



Figure D-7. Developer Heater

ME 3610-241-14/D-7

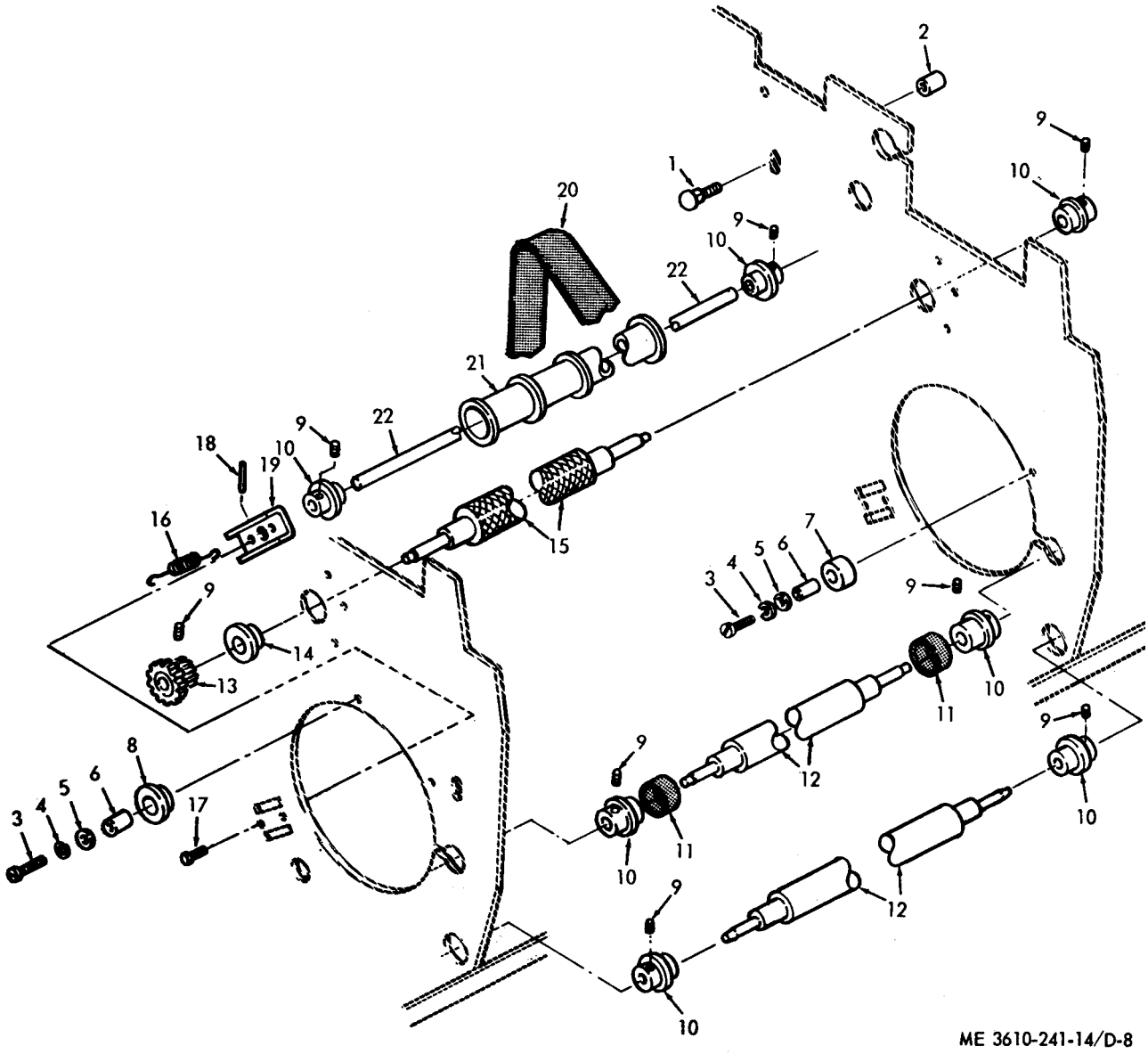
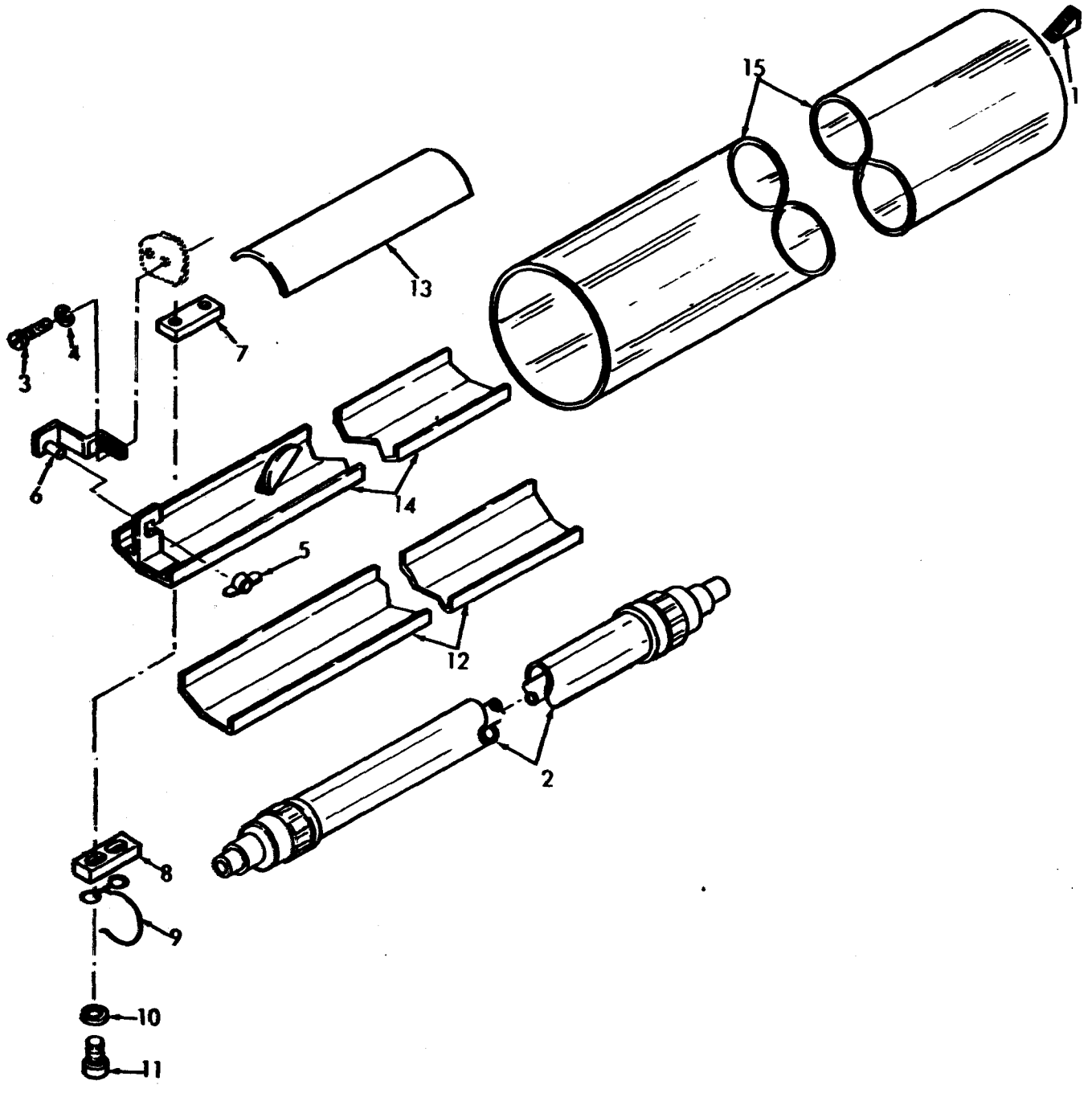



Figure D-8. Rollers and Contact Bands




ME 3610-241-14/D-9

Figure D-9. Lamp, Duct and Cylinder

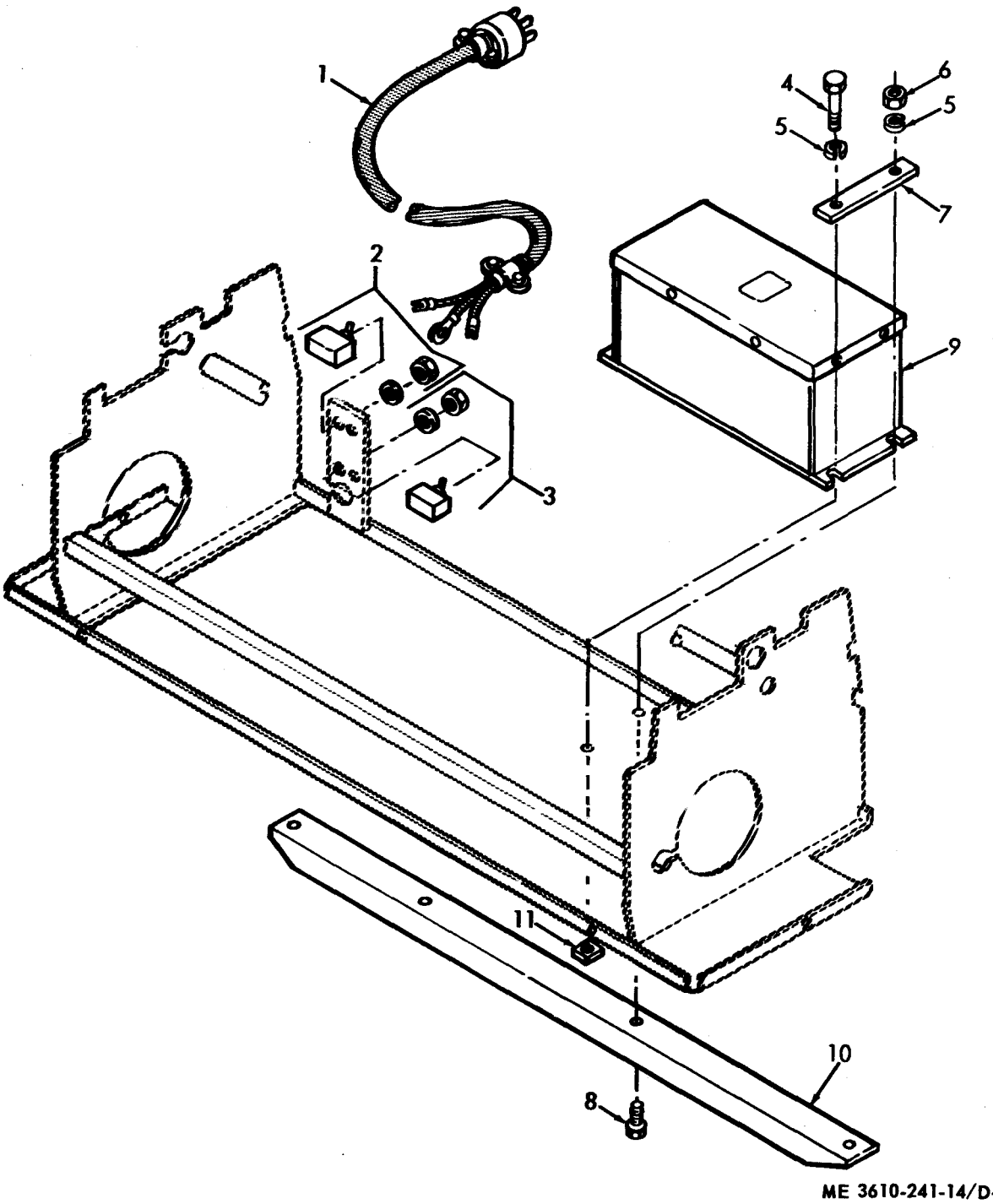
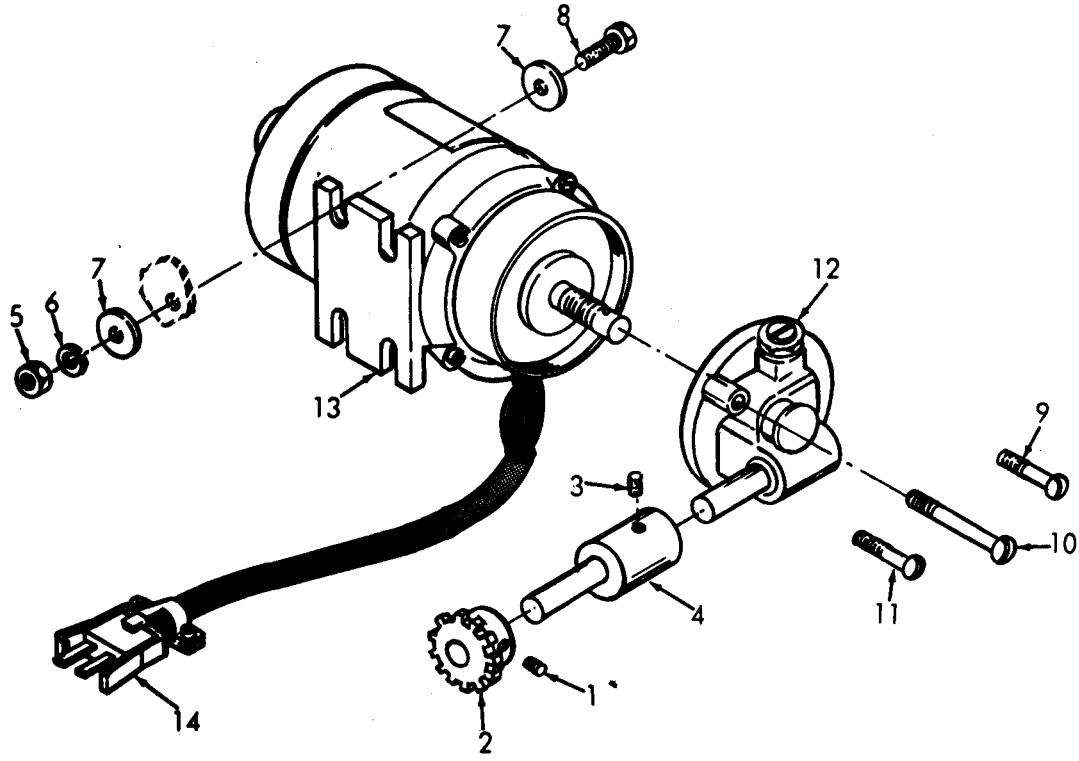



**Figure D-10. Lamp Control Unit and Switches**




ME 3610-241-14/D-11

Figure D-11. Motor, Gear Head and Sprocket

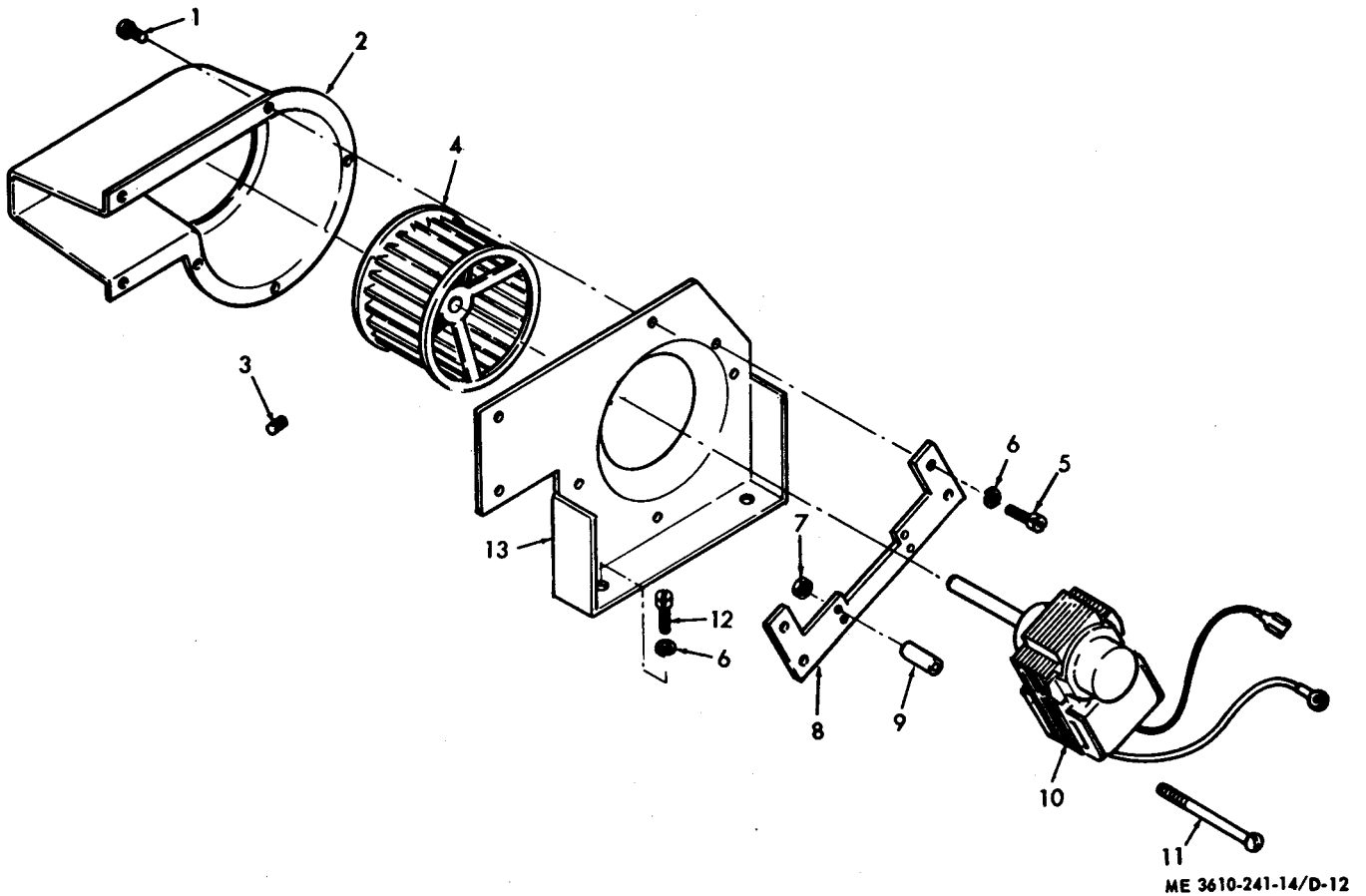
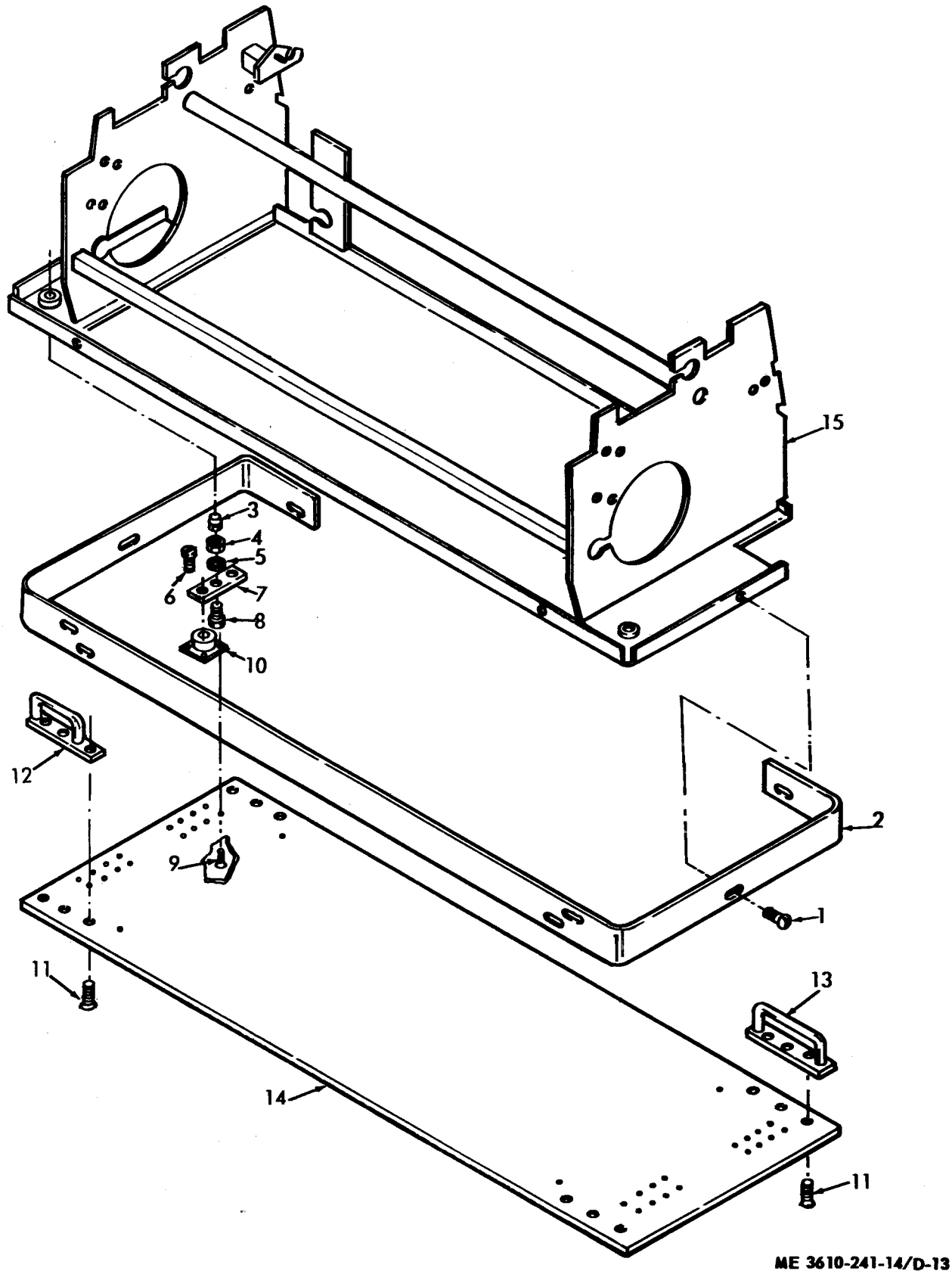



Figure D-12. Blowers




ME 3610-241-14/D-13

Figure D-13. Frame and Shock Mounting Plate

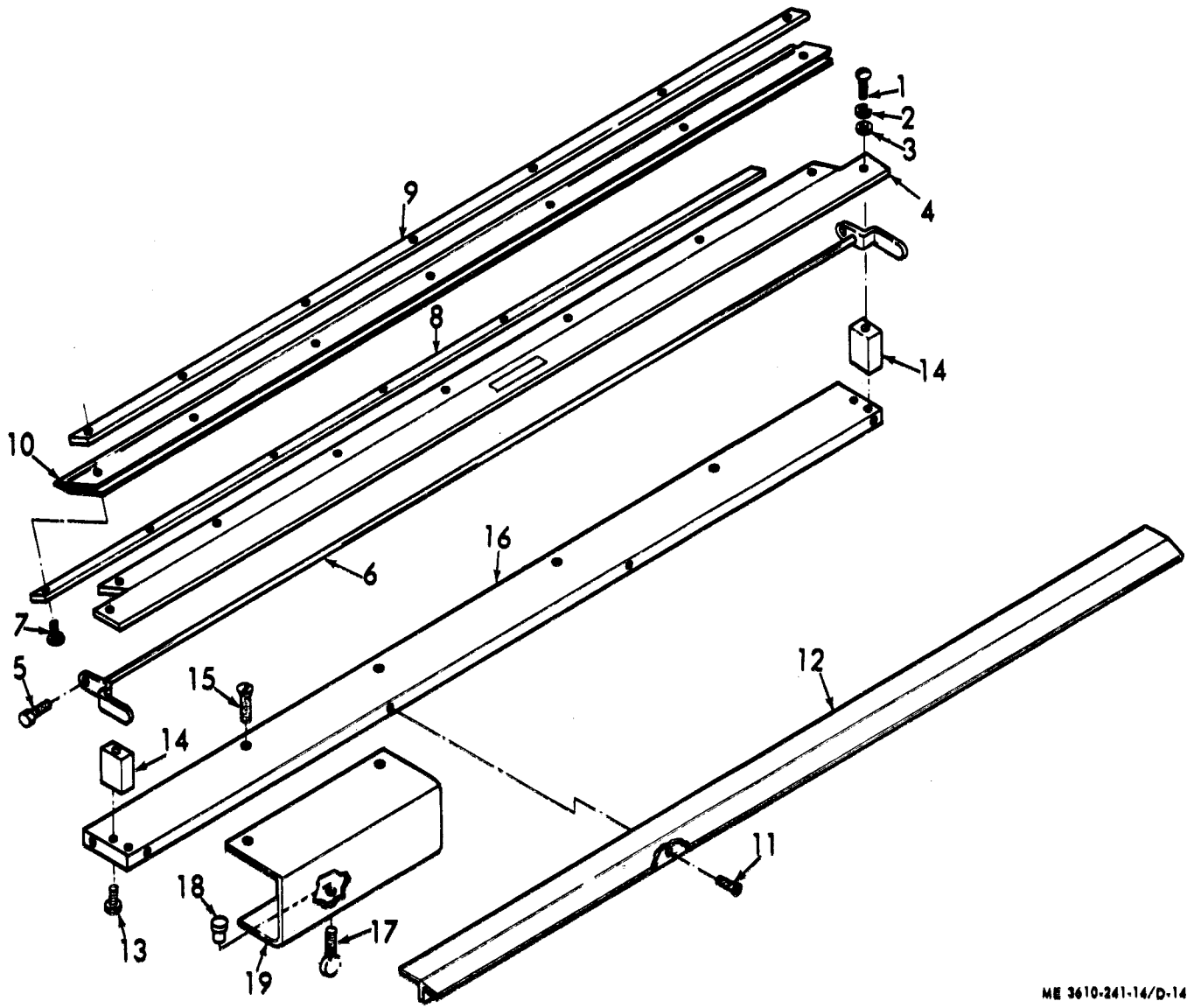



Figure D-14. Film Stripper

| | | |
|---|---|---|
| 2610-197-6837 | D8 | 20 |
| 3020-267-3351 | D6 | 39 |
| 3020-407-4878 | D8 | 13 |
| 3020-408-2397 | D11 | 2 |
| 3020-408-2406 | D5 | 11 |
| 3020-408-4574 | D6 | 36 |
| 3020-409-0767 | D6 | 9 |
| 3020-410-8572 | D6 | 46 |
| 3030-407-6746 | D6 | 58 |
| 3110-407-5605 | D6 | 47 |
| | D8 | 10 |
| 3120-407-5606 | D6 | 13 |
| 3120-407-8591 | D6 | 50 |
| 3120-407-8652 | D5 | 6 |
| 3120-433-3625 | D6 | 37 |
| 3120-470-5605 | D2 | 18 |
| 3610-102-3056 | D9 | 15 |
| 3610-197-2103 | D8 | 12 |
| 3610-197-2104 | D6 | 34 |
| 3610-197-2106 | D5 | 5 |
| 3610-197-2107 | D12 | 10 |
| 3610-197-2108 | D3 | 1 |
| 3610-197-2111 | D1 | 15 |
| 3610-197-2113 | D10 | 9 |
| 3610-197-6831 | D8 | 21 |
| 3610-197-6832 | D9 | 2 |
| 3610-197-6833 | D7 | 11 |
| 3610-197-6834 | D6 | 15 |
| 3610-197-6835 | D6 | 14 |
| 3610-197-6836 | D10 | 1 |
| 3610-197-6838 | D6 | 1 |
| 3610-197-6839 | D6 | 51 |
| 3610-197-6840 | D7 | 14 |
| 3610-197-6841 | D7 | 13 |
| 3610-197-6842 | D6 | 7 |
| 3610-197-6844 | D1 | |
| 3610-197-6845 | D9 | |
| 3610-197-6846 | D1 | 13 |
| | D11 | 4 |
| 3610-408-2789 | D12 | 4 |
| 3610-409-4169 | D5 | 2 |
| | D13 | 10 |
| 3610-606-5764 | D14 | |
| 3610-606-5765 | D5 | 1 |
| 5305-010-0771 | D4 | 11 |
| 5305-014-1601 | D4 | 3 |
| 5305-042-1207 | D5 | 3 |
| 5305-080-3639 | D6 | 17 |
| 5305-208-2088 | D2 | 10 |
| | D3 | 2 |
| | D5 | 13 |
| 5305-209-6319 | D4 | 1 |
| 5305-262-9879 | D3 | 12 |
| 5305-285-3868 | D11 | 8 |
| 5305-297-8002 | D11 | 11 |
| 5305-498-8458 | D2 | 25 |
| 5305-543-4494 | D6 | 10 |
| 5305-543-4495 | D8 | 9 |
| 5305-579-5781 | D12 | 5 |
| 5305-638-2260 | D2 | 1 |
| 5305-680-1608 | D11 | 10 |
| 5305-680-1993 | D8 | 3 |
| 5305-680-7398 | D11 | 9 |
| 5305-723-3866 | D11 | 1 |
| 5305-962-8084 | D2 | 31 |
| 5306-018-6624 | D10 | 8 |
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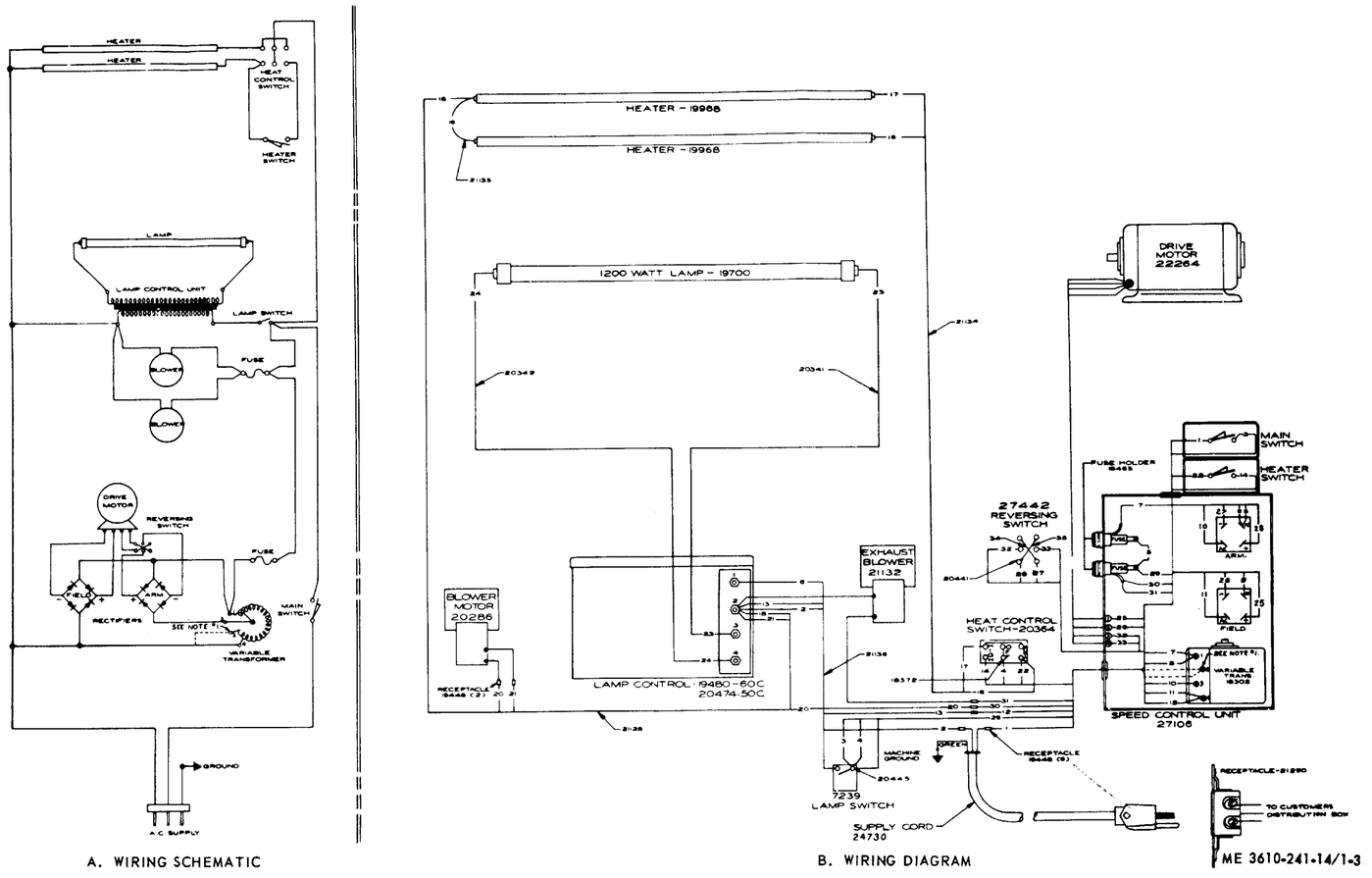


*Figure 1-3. Wiring diagram.*

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