3M

Instructions and Parts List

3M-Matic™

700a Type 29200

Adjustable Case Sealer

with

AccuGlide™ II

Taping Heads

Important Safeguards

Turn to page two for operating safety information.

Important

It is recommended you immediately order the spare parts listed on page 35. These parts are expected to wear through normal use and should be kept on hand to minimize production delays.

Serial No. _____

For reference, record machine serial number here.

3M Masking and Packaging Systems Division
3M Center, Building 220-8W-01
St. Paul, MN 55144-1000

Litho in U.S.A.

To Our Customers:

This is the 3M-Matic™/AccuGlide™/Scotch™ brand equipment you ordered. It has been set up and tested in the factory with "Scotch" brand tapes. If technical assistance or replacement parts are needed, call or Fax the appropriate number listed below.

Included with each machine is an Instructions and Parts List manual.

Technical Assistance:

3M-Matic™ Helpline – 1-800/328 1390. Please provide the customer support coordinator with the machine number, machine type/model and serial number. If you have a technical question that does not require an immediate response, you may Fax it to 715/381 0248.

Replacement Parts and Additional Manuals

Order parts by part number, part description and quantity required. Also, when ordering parts and/or additional manuals, include machine name, number and type. A parts order form is provided at the back of this manual.

3M/Tape Dispenser Parts
241 Venture Drive
Amery, WI 54001-1325

1-800/344 9883
FAX# 715/268 8153

Minimum billing on parts orders will be $25.00. Replacement part prices available on request.
$10.00 restocking charge per invoice on returned parts.
Note : Outside the U.S., contact the local 3M subsidiary for parts ordering information.

3M
3M Packaging Systems Division
3M Center, Building 220-8W-01
St. Paul, MN 55144-1000

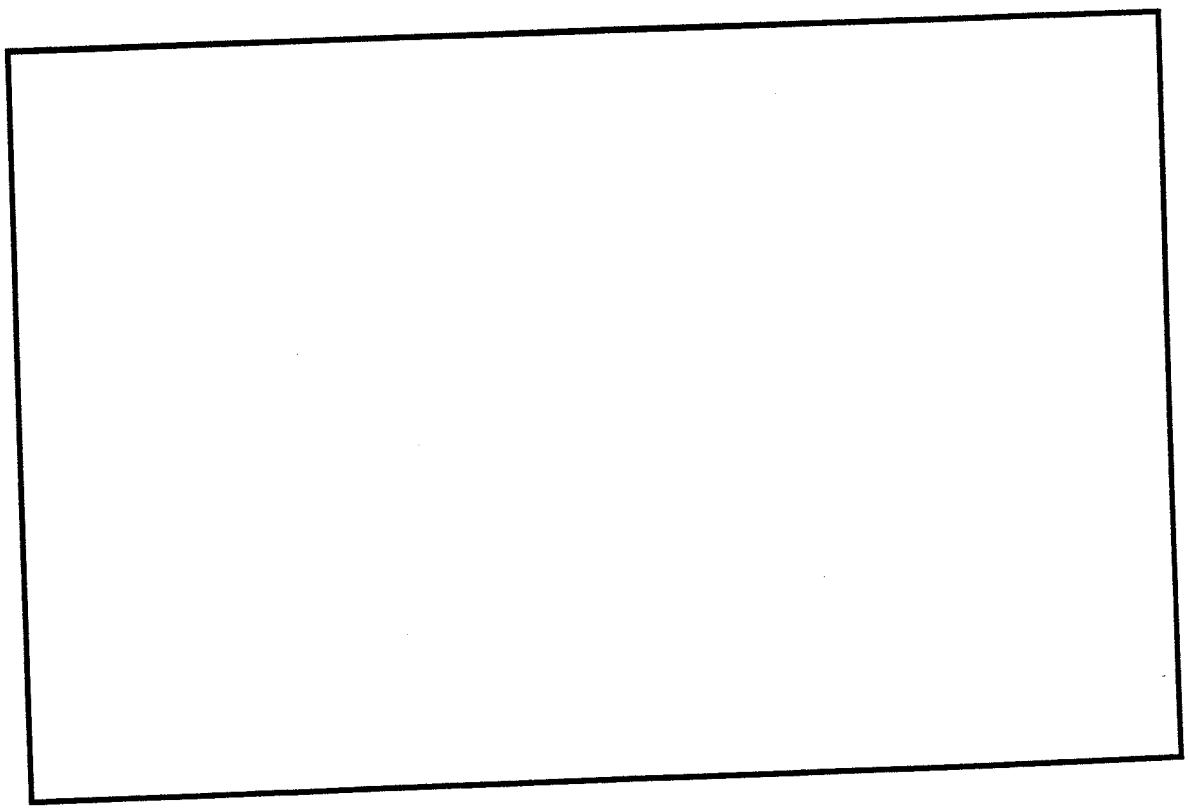
Printed in U.S.A.

To Our Customers:

This is the 3M-Matic™/AccuGlide™/Scotch™ brand equipment you ordered. It has been set up and tested in the factory with "Scotch" brand tapes. If any problems occur when operating this equipment, and you desire a service call, or phone consultation, call, write or Fax the appropriate number listed below.

Included with each machine is an Instructions and Parts List manual.

SERVICE, REPLACEMENT PARTS AND ADDITIONAL MANUALS AVAILABLE DIRECT FROM:



Order parts by part number, part description and quantity required. Also, when ordering parts and/or additional manuals, include machine name, number and type.

3M

3M Packaging Systems Division

3M Center, Building 220-8W-01
St. Paul, MN 55144-1000
1-800/328 1390

Instruction Manual

700a Adjustable Case Sealer
Type 29200

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Equipment Warranty and Limited Remedy: THE FOLLOWING WARRANTIES ARE MADE IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTY OF MERCHANTABILITY, THE IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE AND ANY IMPLIED WARRANTY ARISING OUT OF A COURSE OF DEALING, A CUSTOM OR USAGE OF TRADE:

3M sells its **3M-Matic™ 700a Adjustable Case Sealer, Type 29200** with the following warranties:

1. The Taping Head knife blades, springs and rollers will be free from all defects for ninety (90) days after delivery.
2. All other Taping Head parts will be free from all defects for three (3) years after delivery.
3. The gearmotor will be free from all defects for one (1) year after delivery.
4. All other parts will be free from all defects for ninety (90) days after delivery.

If any part is proved to be defective within its warranty period, then the exclusive remedy and 3M's and seller's sole obligation shall be, at 3M's option, to repair or replace the part, provided the defective part is returned immediately to 3M's factory or an authorized service station designated by 3M. A part will be presumed to have become defective after its warranty period unless the part is received or 3M is notified of the problem no later than five (5) calendar days after the warranty period. If 3M is unable to repair or replace the part within a reasonable time, then 3M, at its option, will replace the equipment or refund the purchase price. 3M shall have no obligation to provide or pay for the labor required to install the repaired or replacement part. 3M shall have no obligation to repair or replace (1) those parts failing due to operator misuse, carelessness, or due to any accidental cause other than equipment failure, or (2) parts failing due to non-lubrication, inadequate cleaning, improper operating environment, improper utilities or operator error.

Limitation of Liability: 3M and seller shall not be liable for direct, indirect, special, incidental or consequential damages based upon breach of warranty, breach of contract, negligence, strict liability or any other legal theory.

The foregoing Equipment Warranty and Limited Remedy and Limitation of Liability may be changed only by a written agreement signed by authorized officers of 3M and seller.

Contents

(1) 700a, Type 29200 Adjustable Case Sealer
(1) Hardware kit includes :
- Upper Tape Drum Bracket
- Column Straps
- Tool Kit
- Spare Parts Kit
- Instruction Manual

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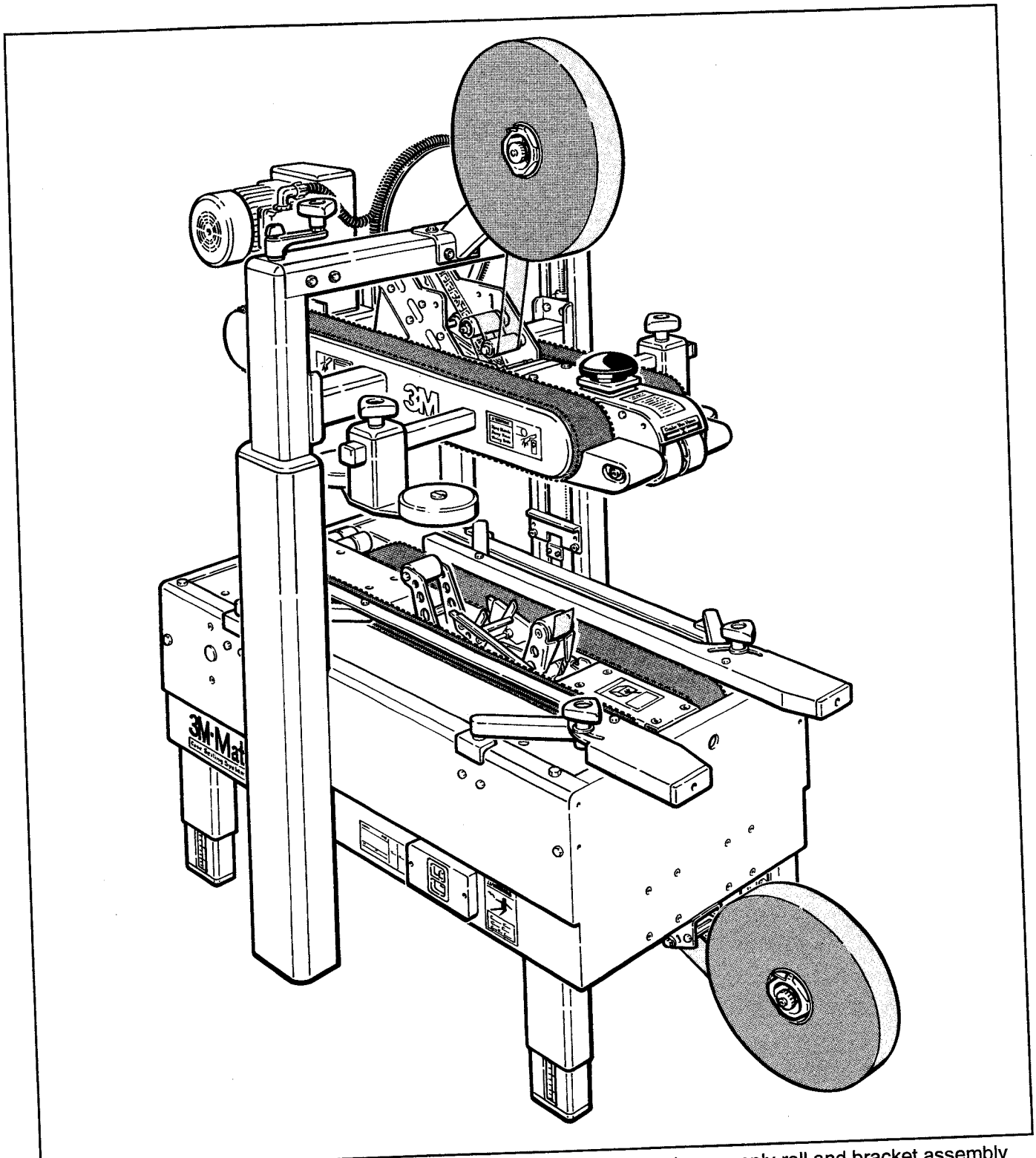


3M-Matic™ 700a Adjustable Case Sealer, Type 29200 (Note – Lower tape supply roll and bracket assembly are shown in the alternate location.)

Description

The **3M-Matic™ 700a Adjustable Case Sealer** with **AccuGlide™ II** Taping Heads is designed to apply a "C" clip of **Scotch™** brand pressure-sensitive film box sealing tape to the top and bottom center seam of regular slotted containers. The 700a is manually adjustable to a wide range of box sizes (see "Specifications – Box Weight and Size Capacities", page 8).

Important Safeguards

NOTE – IN THE EVENT THESE SAFETY LABELS SHOWN ON PAGES 2-6 ARE DAMAGED OR DESTROYED, REPLACEMENTS ARE AVAILABLE. SEE PAGE 35.

There are four kinds of warning labels used on the case sealers.

Two illustrated labels **(A) "Warning Sharp Knife"**, shown in Figure 1-1, are attached to the sides of the upper frame at the location of the cut-off blade on the upper taping head. Two illustrated labels (B) are attached to the bed frame at the location of the cut-off blade on the lower tape head. The labels warn operators and service personnel of the very sharp knife used to cut the tape at the end of the tape application.

The **"Warning - Sharp Knife"** label **(C)** shown in Figure 1-1, is attached to the orange cut-off blade guard on both taping heads. The label warns the operator and service personnel of the very sharp knife located behind the guard and to keep hands out of this area except for tape loading and/or servicing the taping heads.

The taping heads are equipped with a orange blade guard that covers the blade. **The taping heads should never be operated with the blade guards removed.**

Turn air and electrical supplies off before servicing the taping heads.

The taping heads should not be washed down or subject to conditions causing moisture condensation on components.

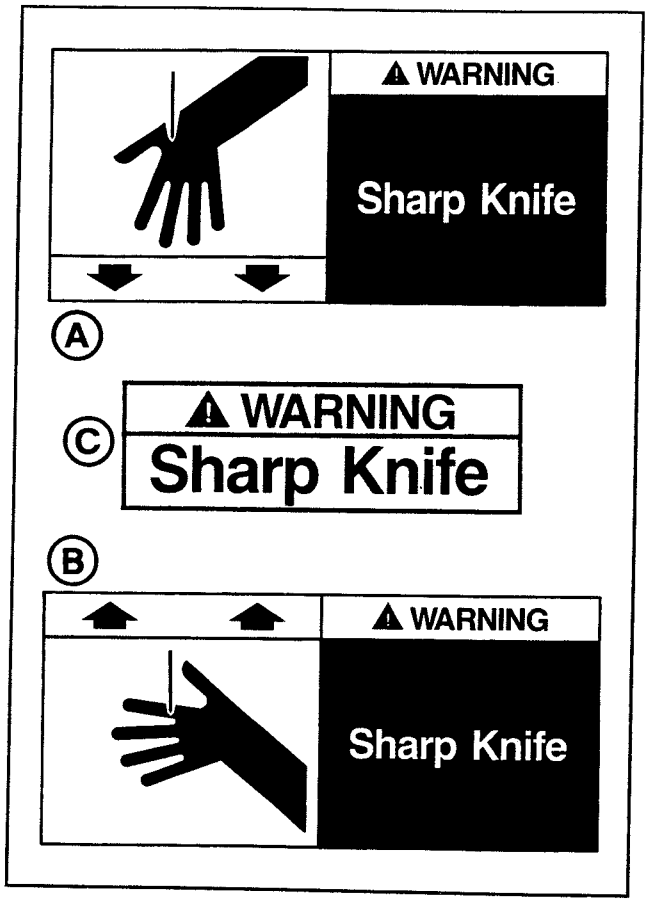


Figure 1-1 – Knife Warning Labels

The **"Warning - Hazardous Voltage"** label, shown in Figure 1-2, is attached to the frame next to the on/off switch control box. The label warns service personnel to unplug the power supply before attempting any service work on the case sealer.

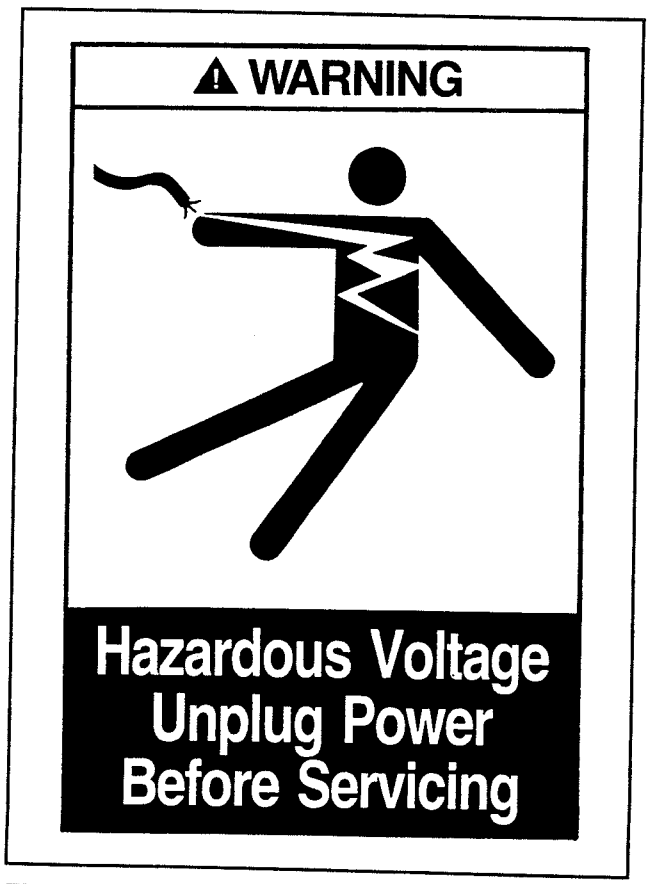


Figure 1-2 – Electrical Warning Label

Important Safeguards (Continued)

The two **"Warning – Keep Hands Away From Moving Belts"** labels, as shown in Figure 1-3, are located on the right and left side panel of the upper head frame – infeed end. The labels warn operators and service personnel to keep hands away from this area when the drive belts are running.

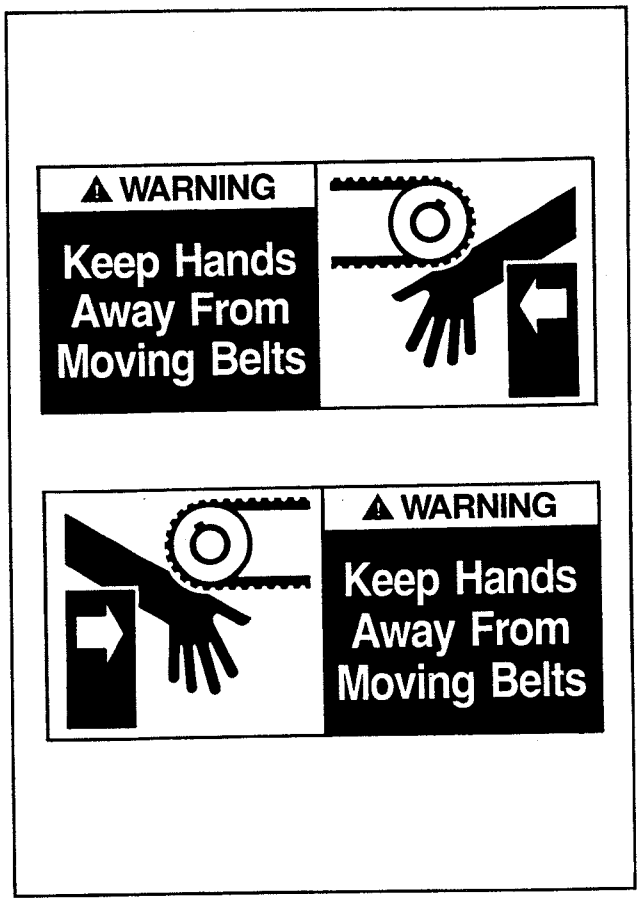


Figure 1-3 – Hands Warning Label

The **"Caution – Keep Hands Out Of This Area"** label, shown in Figure 1-4, is attached to the center plate at the exit end of the bed frame. The label warns the operator to keep hands out of this area when the drive belts are running.

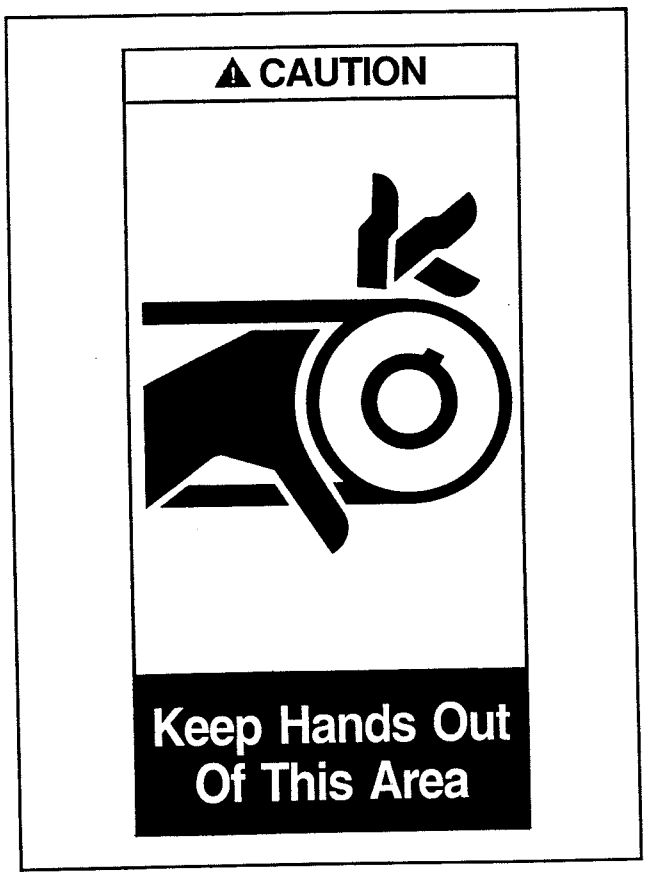


Figure 1-4 – Hands Caution Label

Important Safeguards (Continued)

The second **"Caution – Keep Hands Out of This Area"** label, shown in Figure 1-5, is attached to the gear motor at the rear of the upper frame. It warns the operator to keep hands out of this area when the upper taping head mechanism is in operation.

Figure 1-5 – Hands Caution Label

The **"Safety Instructions"** label, shown in Figure 1-6, is attached to the top front of the left hand adjustable side guide. The label provides convenient safeguard instructions for the operator and service personnel.

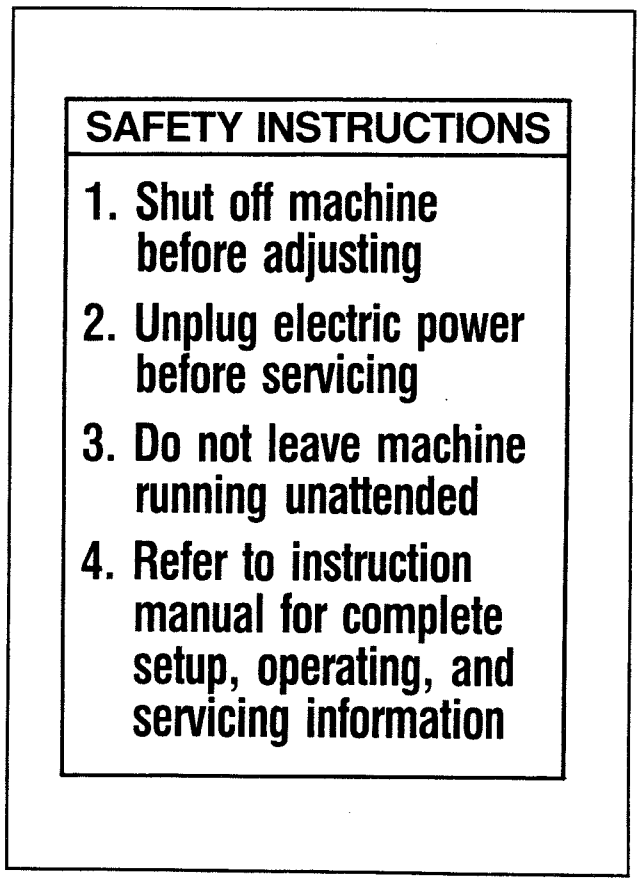


Figure 1-6 – Safety Instructions Label

Important Safeguards (Continued)

There are three operating note labels on the case sealer to remind the operator of important operating procedures.

The **"Center Box Here"** label, shown in Figure 1-7, is attached to the front of the upper frame to remind the operator of the proper placement procedure.

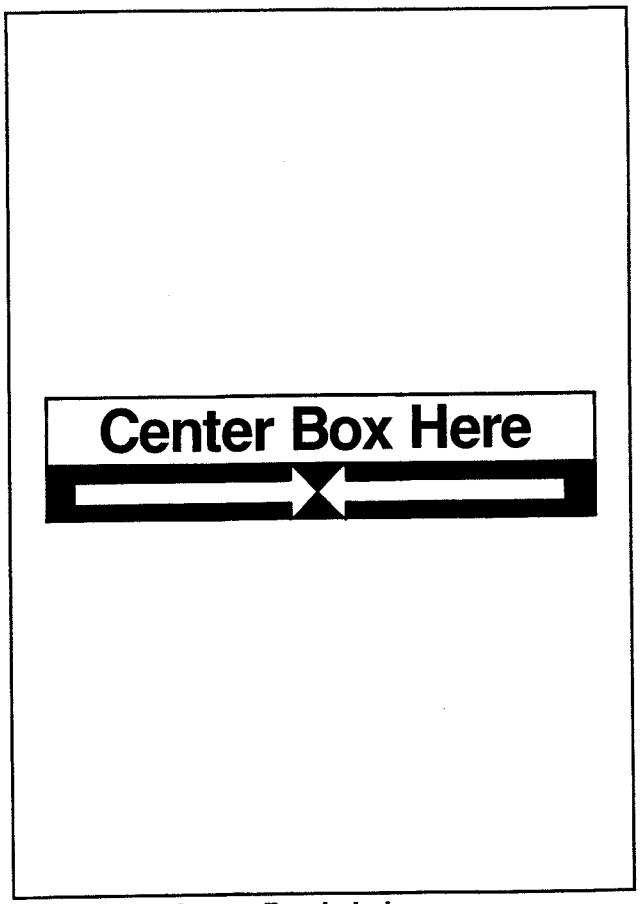


Figure 1-7 – Center Box Label

The **"Notice – Feed Box From This End"** label, shown in Figure 1-8, is attached to the center plate at the infeed end of the bed frame. It alerts the operator that this is the infeed end of the case sealer.

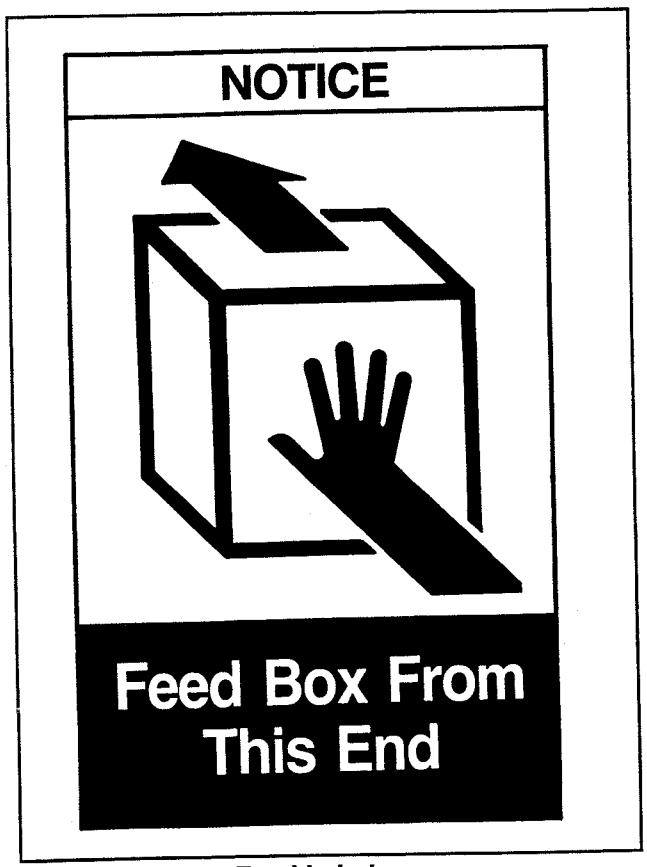


Figure 1-8 – Box Feed Label

Important Safeguards (Continued)

The **"Tape Threading Label"**, shown in Figure 1-9, is attached to the left side of both the upper and lower taping heads. This label provides a convenient tape threading diagram. More detailed tape loading and threading information is provided in this manual in the set-up procedure section.

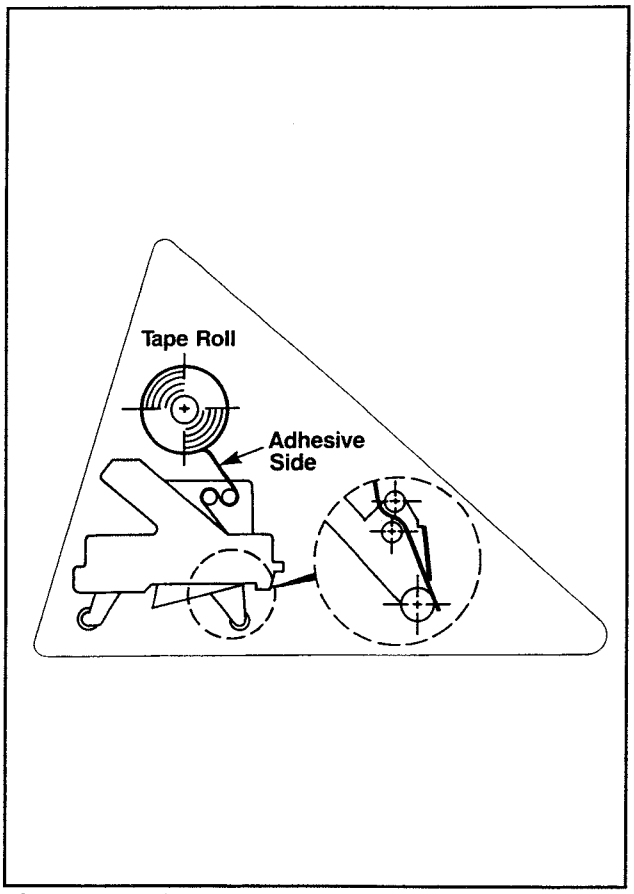


Figure 1-9 – Tape Threading Label

The 700a is equipped with a centrally located stop switch, shown in Figure 1-10. This push-button switch is accessible from either side of the machine for operator convenience.

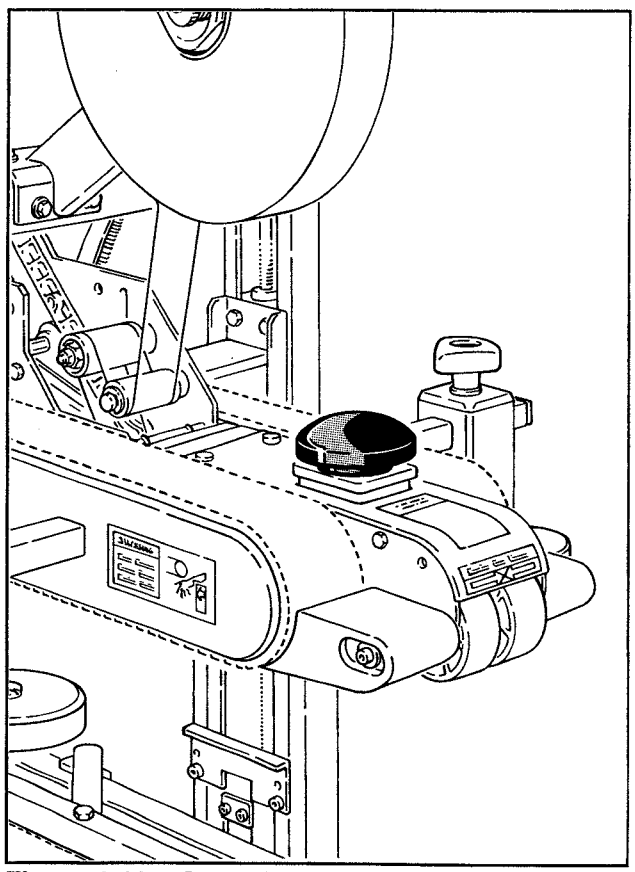


Figure 1-10 – Centrally Located Stop Switch

⚠ THIS SAFETY ALERT SYMBOL IDENTIFIES IMPORTANT SAFETY MESSAGES IN THIS MANUAL. READ AND UNDERSTAND THEM BEFORE INSTALLING OR OPERATING THIS EQUIPMENT.

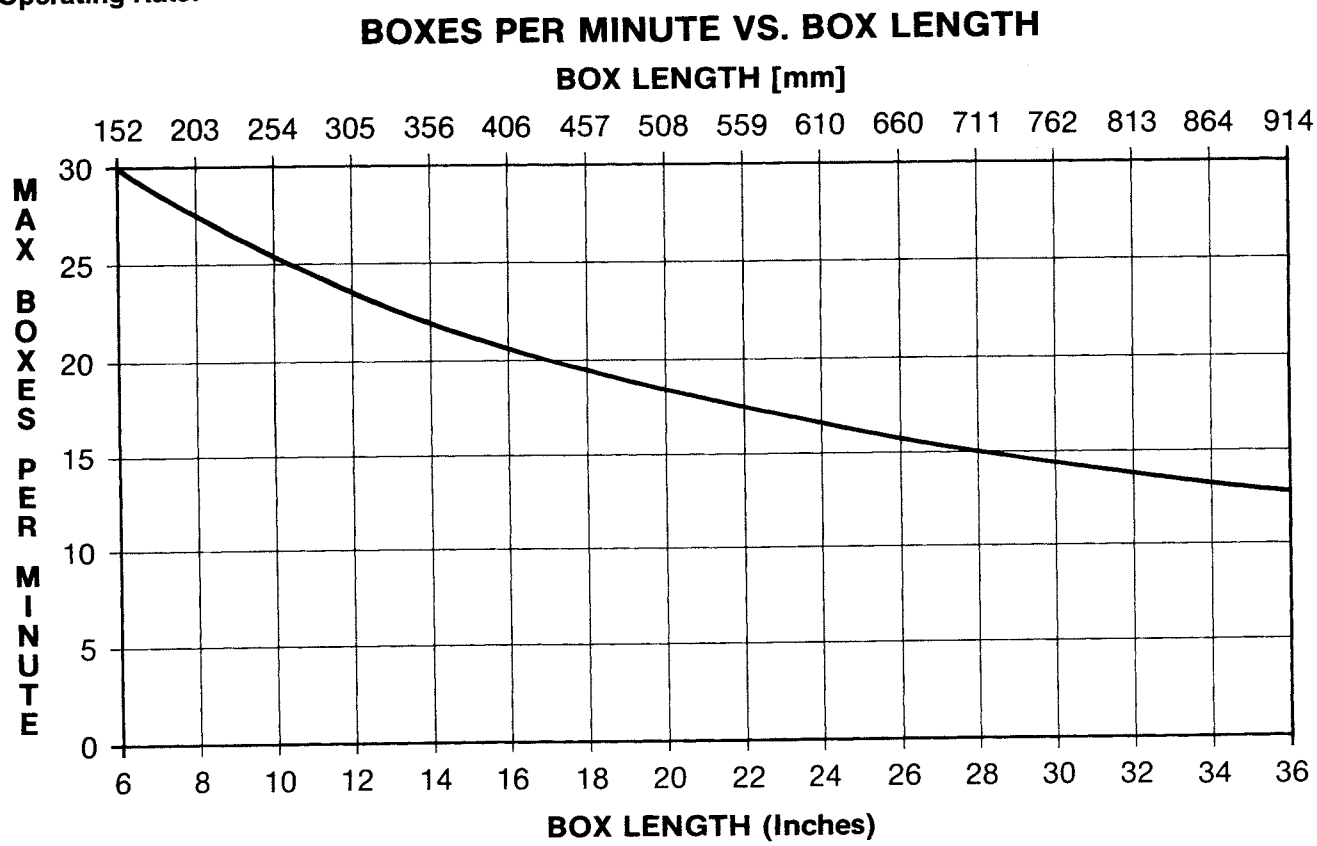
Specifications

1. **Power Requirements:**

   Electrical - 115 VAC, 60 Hz, 3.8 A (440 watts)

   The machine is equipped with an 2.4 m [8 foot] standard neoprene covered power cord and a grounded plug. Contact your 3M Representative for power requirements not listed above.

2. **Operating Rate:**



   Actual production rate is dependent on operator's dexterity.
   Boxes must be 455 mm [18 inches] apart minimum.

3. **Operating Conditions:**

   Use in dry, relatively clean environments at 5° to 40° C [40° to 105° F] with clean, dry boxes.

IMPORTANT SAFEGUARD

MACHINE SHOULD NOT BE WASHED DOWN OR SUBJECTED TO CONDITIONS CAUSING MOISTURE CONDENSATION ON COMPONENTS.

(Specifications continued on next page)

Specifications (Continued)

4. **Tape:**

   Scotch™ brand pressure-sensitive film box sealing tapes.

5. **Tape Width:**

   36 mm or 1-1/2 inches minimum to 48 mm [2 inches] maximum

6. **Tape Roll Diameter:**

   Up to 405 mm [16 inches] maximum on a 76.2 mm [3 inch] diameter core.
   (Accommodates all system roll lengths of **Scotch™** brand film tapes.)

7. **Tape Application Leg Length – Standard:**

   70 mm ± 6 mm [2-3/4 inches ±1/4 inch]

   Tape Application Leg Length – Optional:
   (See "Special Set-Up Procedure", page 28.)
   50 mm ± 6 mm [2 inches ±1/4 inch]

8. **Box Board:**

   Style – regular slotted containers – RSC
   125 to 275 P.S.I. bursting test, single wall or double wall B or C flute.

9. **Box Weight and Size Capacities:**

   A. Box Weight, up to 38.6 kg [85 lbs.] **maximum** – contents must support flaps.

   B. Box Size:

	Minimum	**Maximum**
Length –	150 mm [6 inches]	Unlimited
Width –	150 mm [6 inches]*	550 mm [21-1/2 inches]
Height –	120 mm [4-3/4 inches]** ***	625 mm [24-1/2 inches] ***

* Cartons narrower than 250 mm [10 inches] in width may require more frequent belt replacement because of limited contact area.

** 90 mm [3-1/2 inches] height with heads adjusted to apply 50 mm [2 inch] tape leg lengths. (See "Special Set-Up Procedure", page 28.)

*** 165 mm [6-1/2 inches] minimum to 725 mm [28-1/2 inches] maximum height with columns adjusted to upper position. (See "Special Set-Up Procedure", page 30.)

Special modifications may be available for carton sizes not listed above.
Contact your 3M Representative for information.

Note: The case sealer can accommodate most boxes within the size range listed above. However, if the box length (in direction of seal) to box height ratio is .5 or less, then several boxes should be test run to assure proper machine performance.

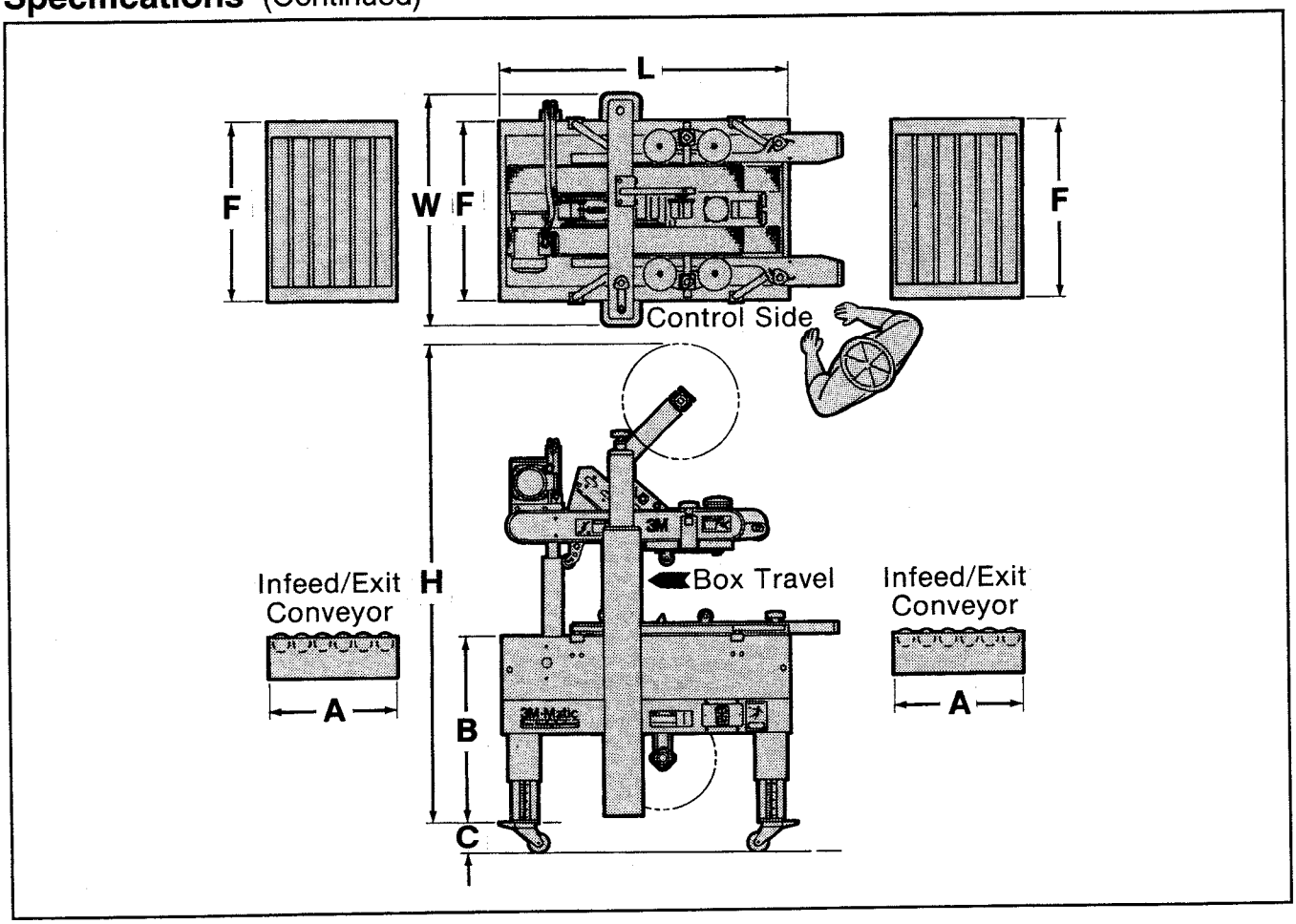
DETERMINE THE BOX LIMITATIONS BY COMPLETING THIS FORMULA:

$$\frac{\text{BOX LENGTH IN DIRECTION OF SEAL}}{\text{BOX HEIGHT}} \quad \text{SHOULD BE GREATER THAN .5}$$

Any box ratio approaching this limitation should be test run to assure performance.

(Specifications continued on next page.)

Specifications (Continued)



10. **Machine Dimensions:**

	W	L	H	A*	B	C**	F
Minimum							
mm	790	1030	1350	460	610	100	625
[Inches]	[31]	[40-1/2]	[53]	[18]	[24]***	[4]	[24-1/2]
Maximum							
[mm]			2185		890		
[Inches]	--	--	[86]***	--	[35]***	--	--

* Infeed/exit conveyors are optional

** Casters are optional

*** When columns are adjusted to upper position, "B" minimum dimension is 510 mm [20 inches], maximum dimension is 780 mm [31 inches] and "H" maximum dimension is 2290 mm [90 inches]. (See "Special Set-Up Procedure", page 30.)

Weight – 180 kg [400 pounds] crated (approximate)
160 kg [350 pounds] uncrated (approximate)

11. **Set-Up Recommendations:**

- Machine must be level.
- Customer supplied infeed and exit conveyors (if used) should provide straight and level box entry and exit.
- Exit conveyors (powered or gravity) must convey sealed boxes away from machine.

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Set-Up Procedure

It is recommended that the 700a case sealer be set-up and operated with product before placing it in the production line. This approach will allow your thorough review and familiarization with the 700a before subjecting it and operating personnel to a production situation where time for set-up, adjustments, and operator training usually becomes limited.

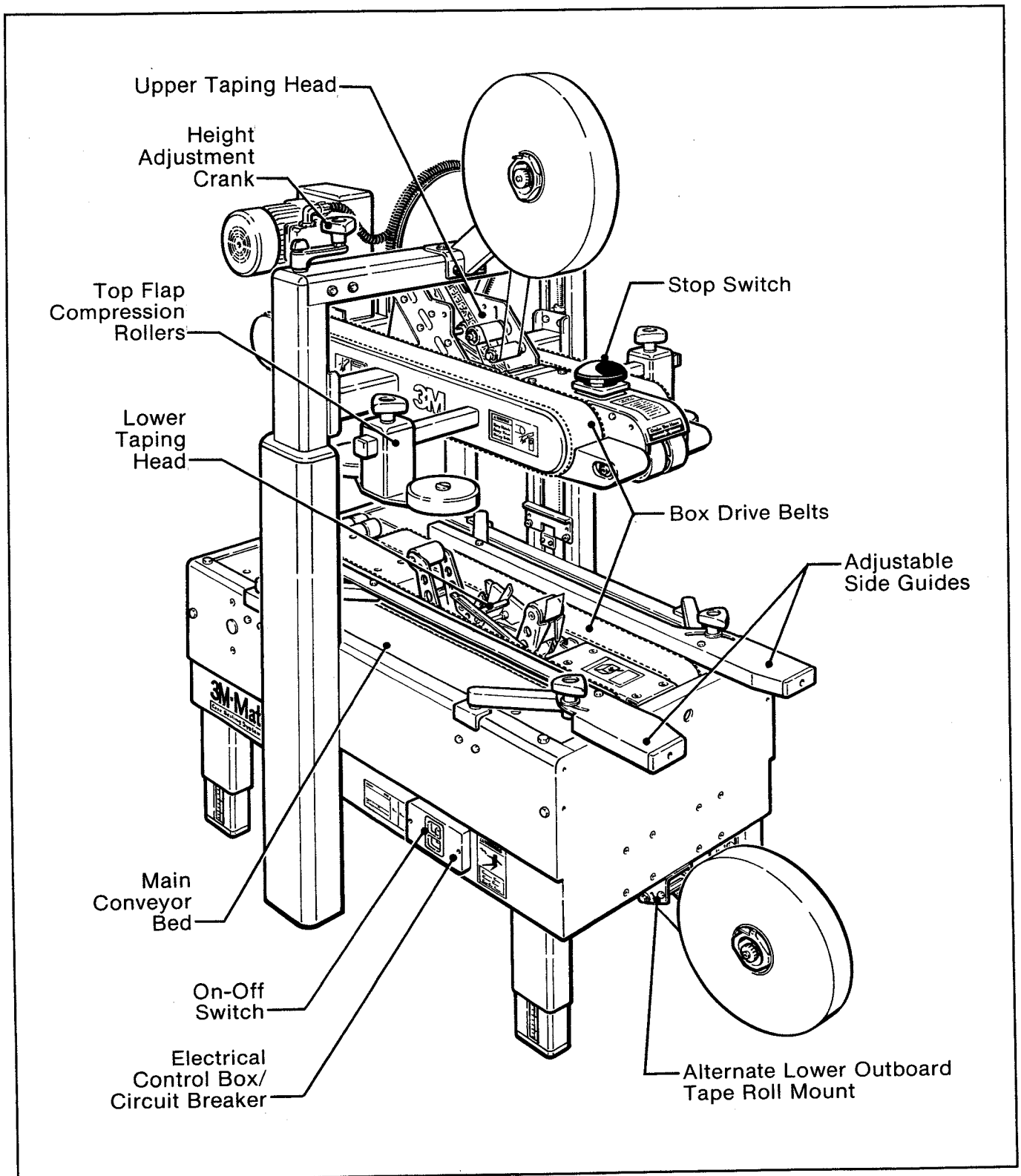


Figure 2-1 - 700a Case Sealer Components (Left Front View)

Set-Up Procedure (Continued)

Receiving And Handling

After the machine has been uncrated, examine the case sealer for damage that might have occurred during transit. **If damage is evident, file a damage claim immediately** with the transportation company and also notify your 3M Representative.

The following instructions are presented in the order recommended for setting up and installing the case sealer, as well as for learning the operating functions and adjustments. Following them step by step will result in your thorough understanding of the machine and an installation in your production line that best utilizes the many features built into the case sealer.

1. Lift off fiberboard cover from pallet after removing staples at bottom.

2. Remove the two "U" shaped hold down clamps from lower crossbar. These are sheet metal brackets that prevent the upper head assembly from bouncing during shipping.

3. Install the crank handle on the top of the left column, as shown in Figure 2-2A.

4. Install the upper tape drum bracket on the top crossbar, as shown in Figure 2-2B.

5. Raise upper head assembly (turn crank handle counterclockwise). Remove the two lower brackets and discard. Install the two stop brackets (provided in the parts bag). Use lower set of holes as shown in Figure 2-2C. The upper set of holes should only be used when both taping heads are adjusted to apply 2 inch [50 mm] tape legs.

6. Ensure that the tape drum bracket assembly, located on the lower taping head, is mounted straight down, as shown in Figure 2-3A. The tape drum bracket assembly can be pivoted to provide clearance or for retrofit in certain cases.

Lower Outboard Tape Roll Mount - Alternate

Remove the tape drum bracket assembly, stud spacer and fasteners from the lower taping head. Install and secure on the infeed end of the lower frame, as shown in Figure 2-3B.

Conveyor Bed Height

The case sealer is equipped with four adjustable legs that are located at the corners of the frame. The legs can be adjusted to obtain different machine conveyor bed heights from 610 mm [24 inches] minimum to 890 mm [35 inches] maximum.

> **Note** – Minimum conveyor bed height can be reduced to 510 mm [20 inches] by moving outer columns up one set of mounting holes. However, this change also reduces minimum box height of 120 mm [4-7/8 inches] to 165 mm [6-1/2 inches]. (See "Special Set-Up Procedure – Box and Conveyor Bed Height Range", page 30.)

Refer to Figure 2-3C and set the conveyor bed height as follows:

1. Block up the machine frame to allow adequate leg adjustment.

2. Loosen, but do not remove, two M8 x 1.25 mm socket head screws in one leg (use M6 hex wrench). Adjust the leg length for the desired conveyor bed height. Retighten the two screws to secure the leg. Adjust all four legs equally.

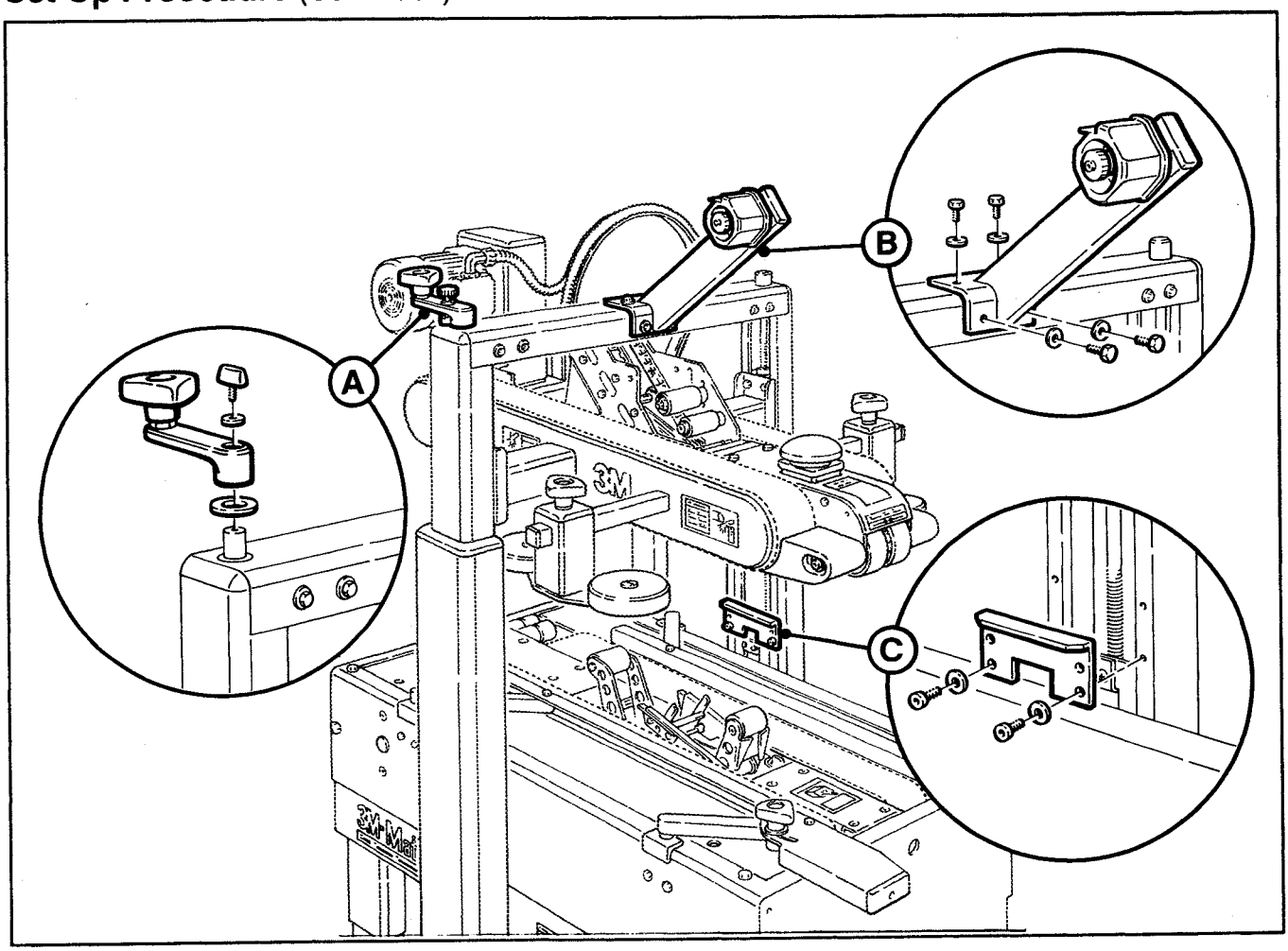


Figure 2-2 - 700a Frame Set-Up

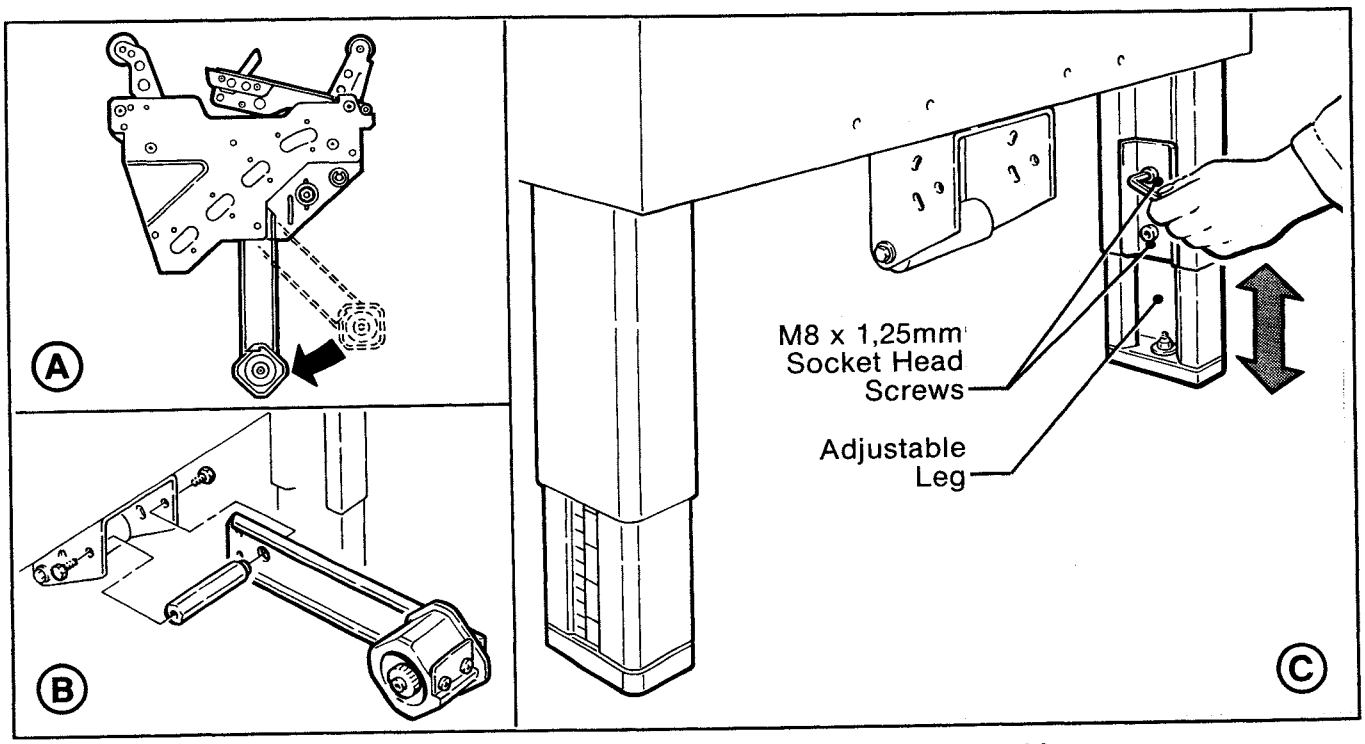


Figure 2-3 - Conveyor Bed Height Adjustment and Lower Tape Drum Bracket Position

IMPORTANT SAFEGUARDS

1. **BOTH THE UPPER AND LOWER TAPING HEADS UTILIZE EXTREMELY SHARP KNIFE BLADES. THE BLADES ARE LOCATED UNDER THE ORANGE BLADE GUARD WHICH HAS THE "WARNING - SHARP KNIFE" LABEL. BEFORE WORKING WITH THE TAPING HEADS OR ATTEMPTING TO LOAD THE TAPE, REFER TO FIGURES 2-4 AND 2-5 AND IDENTIFY THE BLADE LOCATION. KEEP HANDS OUT OF THESE AREAS EXCEPT AS NECESSARY TO SERVICE THE TAPING HEADS.**

2. **NEVER ATTEMPT TO WORK ON THE TAPING HEADS OR LOAD TAPE WHEN THE BOX DRIVE BELTS ARE RUNNING.**

3. **BOX DRIVE MOTORS ARE DESIGNED TO RUN AT A MODERATE TEMPERATURE OF 50°C [120°F]. IN SOME CASES, THEY MAY FEEL WARM TO THE TOUCH.**

Tape Loading

The taping head accommodates up to 48 mm [2 inch] wide tape rolls. To apply 36 mm or 1-1/2 inch or 1 3/4 inch or 42 mm wide tapes, refer to "Adjustments - Tape Web Alignment", page 20 for set-up information.

A plastic threading needle is provided with each machine and it is recommended that the detailed instructions and sketches in this manual be referred to the first few times the unit is loaded and until the operator becomes thoroughly familiar with the tape loading operation.

Tape Loading - Upper Taping Head

> ⚠ **WARNING – Turn off electrical power supply and disconnect power cord from electrical supply before beginning work on the taping heads or to load tape. If power cord is not disconnected, severe injury to personnel could result.**

1. It is first necessary to raise the upper taping head frame to a convenient working position.

2. For tape loading operations, use the plastic threading needle and follow the loading procedures (Figures 2-6 to 2-8) to complete the tape threading.

Tape Loading - Lower Taping Head

1. For ease in loading, first remove the lower taping head from the conveyor bed. Lift the head straight up from the conveyor bed.

2. The lower taping head is loaded and threaded in the same manner as the upper taping head. Follow the upper taping head tape loading procedure.

3. Replace the lower taping head.

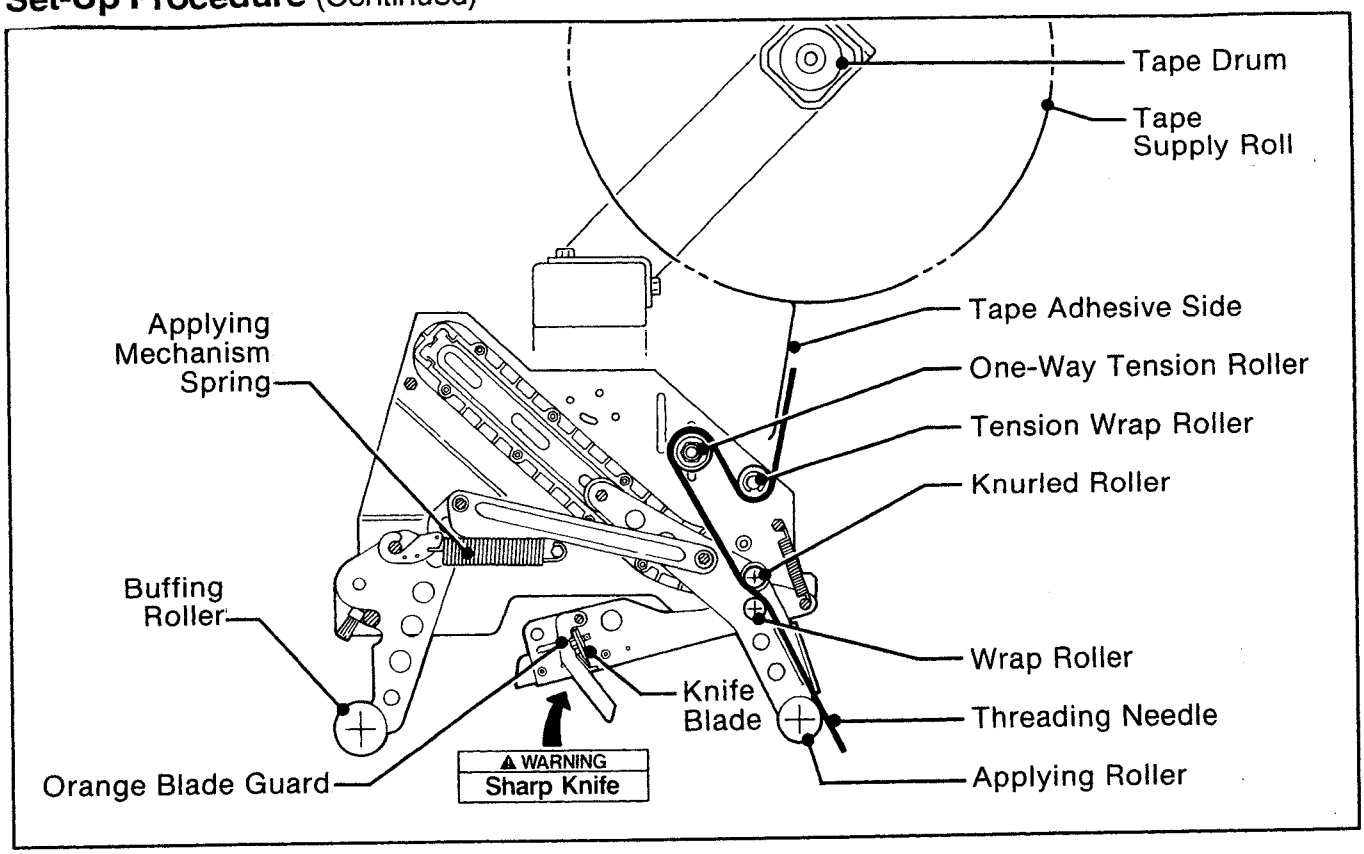


Figure 2-4 - Tape Threading Diagram, Upper Taping Head (Left Side View)

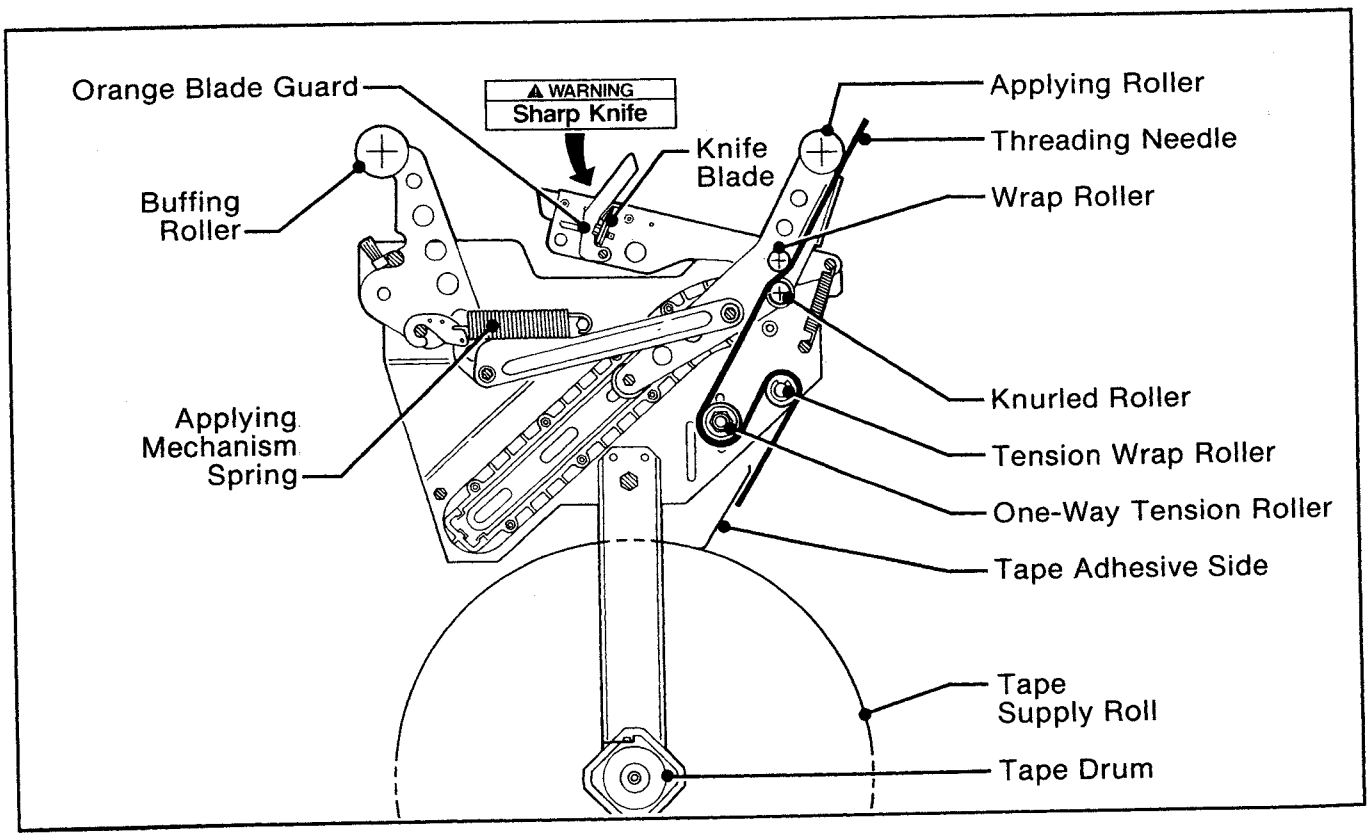


Figure 2-5 - Tape Threading Diagram, Lower Taping Head (Left Side View)

Set-Up Procedure (Continued)

Figure 2-6

Insert the plastic needle **downward** around rollers as illustrated.

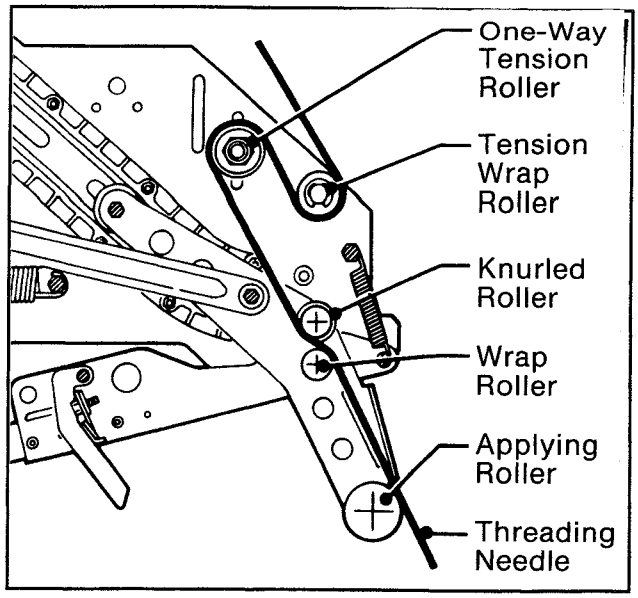


Figure 2-6 – Tape Loading

Figure 2-7

Place tape roll on drum to **dispense tape from bottom of roll, adhesive side forward.** Seat tape roll fully against back flange of drum. Adhere tape lead end to upper end of threading needle as shown.

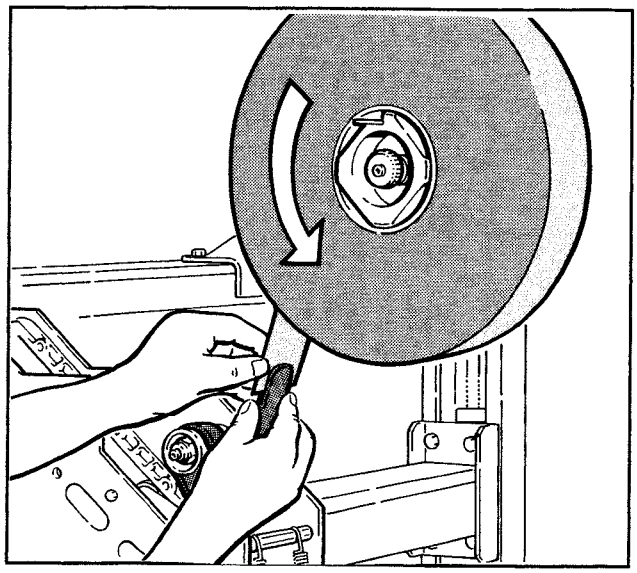


Figure 2-7 – Tape Loading

Figure 2-8

> **⚠ WARNING – Use care when working near blades as blades are extremely sharp. If care is not taken, severe injury to personnel could result.**

Manually turn tape roll to create slack tape while pulling threading needle through tape applying mechanism until needle is through and tape is in alignment with applying roller.

Excess tape can be cut with a scissors at applying roller.

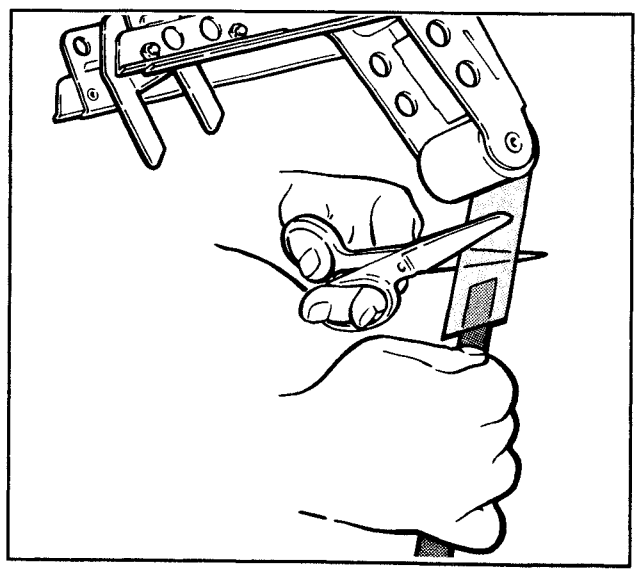


Figure 2-8 – Tape Loading

Set-Up Procedure (Continued)

Electrical Connection

The electrical control box, shown in Figure 2-1, contains the "On-Off" switch with pre-set circuit breaker and can be located on either side of the main conveyor for customer operating convenience. A 2.4 m [8 foot] standard three conductor power cord with plug is provided at the back of the electrical control box for 115 Volt, 60 Hz electrical service. The receptacle providing this service must be properly grounded. Before the power cord is plugged into 115 Volt, 60 Hz outlet, make sure the switch is **"Off"** and that all **packaging materials and tools are removed** from the machine.

Note — Machines outside the U.S. may be equipped with 220/240 Volt, 50 Hz systems, or other electrical requirements compatible with local practice.

Box Size Set-Up and Operation

Figure 2-9

Once both taping heads are loaded with tape, the upper taping head can be positioned for the box height being sealed by means of the height adjustment crank. Turn **clockwise** to lower head, **counterclockwise** to raise head.

Move the top flap compression rollers to a position wider than the box.

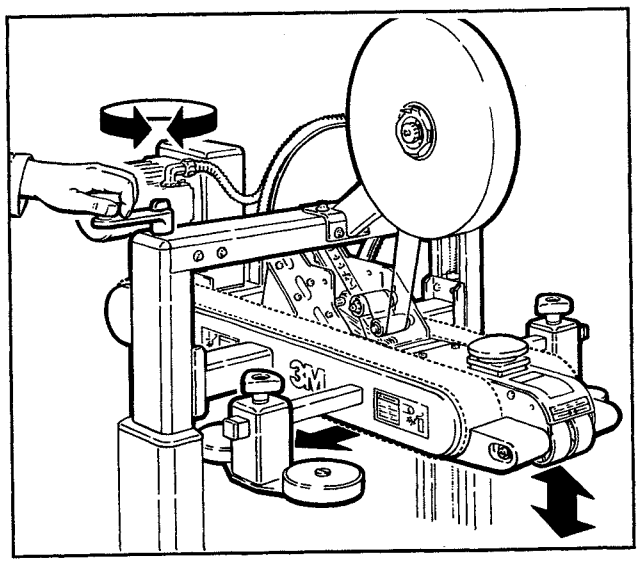


Figure 2-9 – Box Size Set-Up

Figure 2-10

Place box on infeed end of frame bed with both top and bottom flaps folded and insert under upper head frame approximately 150 mm [6 inches]. Lower the head frame until all flaps are fully closed. Align box top flap center seam with arrows on front of upper frame.

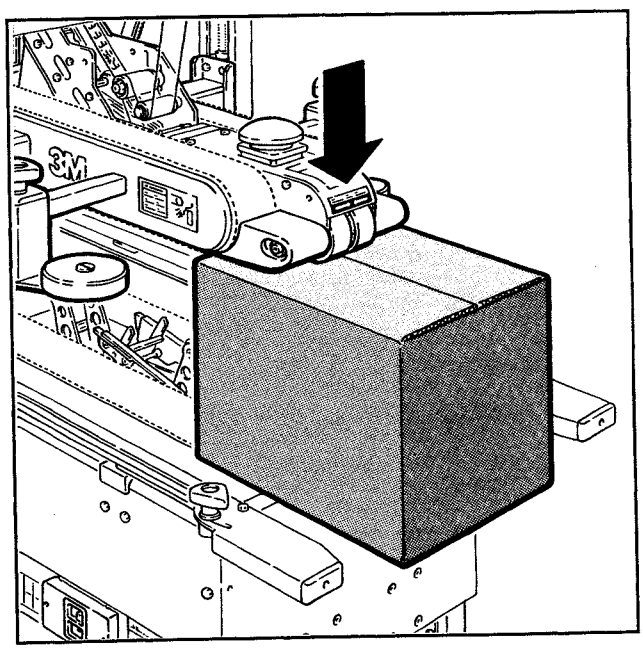


Figure 2-10 – Box Size Set-Up

Set-Up Procedure (Continued)

Figure 2-11

Move side guides against each side of box to hold box in position, centered on arrows on front of upper head frame. Tighten hand knobs to secure side guides.

> **WARNING – Be sure all packaging materials and tools are removed from the machine before operating.**

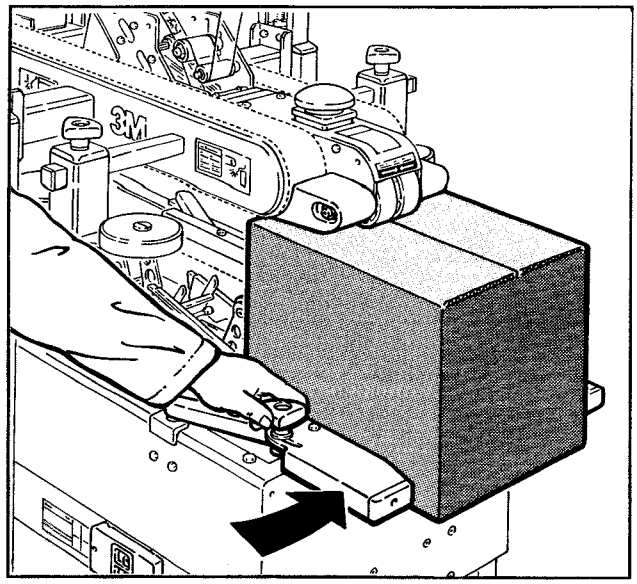


Figure 2-11 – Box Size Set-Up

Figure 2-12

Turn electrical switch to **"On"** to start drive belts. Move box forward under upper taping head until it is taken away by drive belts. If box is hard to move under head or is crushed, **raise** head slightly. If box movement is jerky or stops under upper head, **lower** head slightly to add more pressure between box and drive belts.

> **Note** – Upper head has unique feature for overstuffed boxes. The head will raise up to 13 mm [1/2 inch] to compensate for this type of condition.

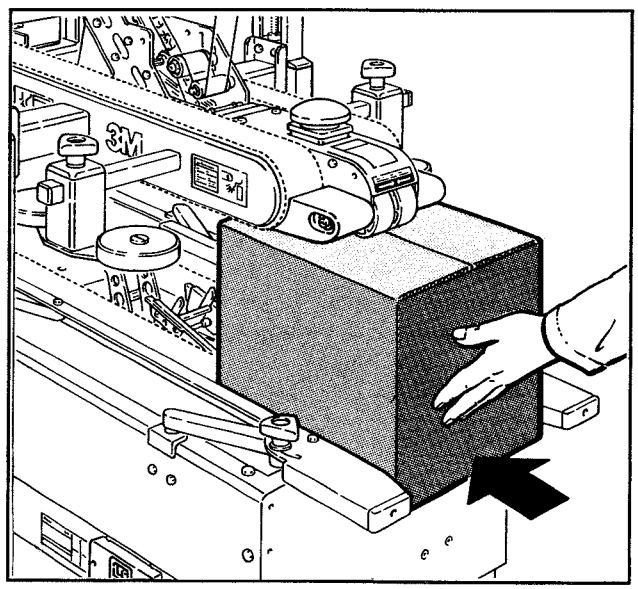


Figure 2-12 – Box Size Set-Up

> **CAUTION** – If drive belts are allowed to slip on box, excessive wear will occur.

Top Flap Compression rollers

Figure 2-13

The top flap compression rollers, have two mounting positions to provide side compression through the full range of box widths.

The rollers have been pre-assembled in position **"B"** to accommodate box widths from 200 mm [8 inches] to 545 mm [21-1/2 inches] maximum.
To accommodate box widths less than 200 mm [8 inches] to 140 mm [5-1/2 inches] minimum, move all four rollers to position **"A"**.

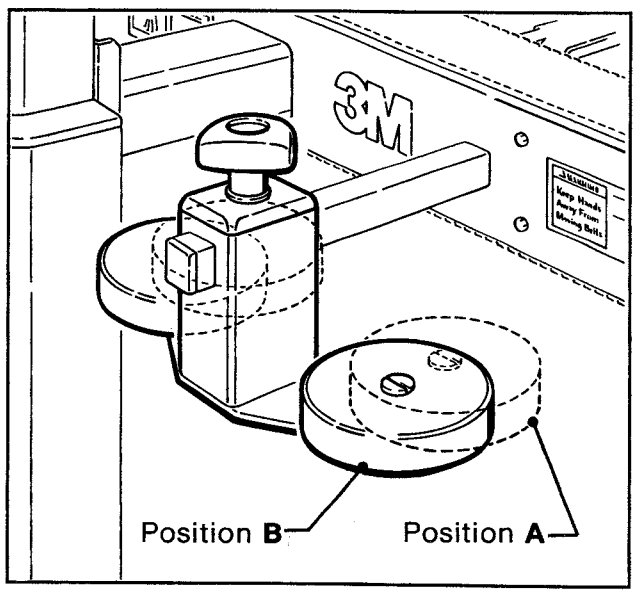


Figure 2-13 – Box Size Set-Up

Set-Up Procedure (Continued)

Figure 2-14

Adjust the top flap compression rollers against top edge of box and tighten knobs to secure rollers in operating position.

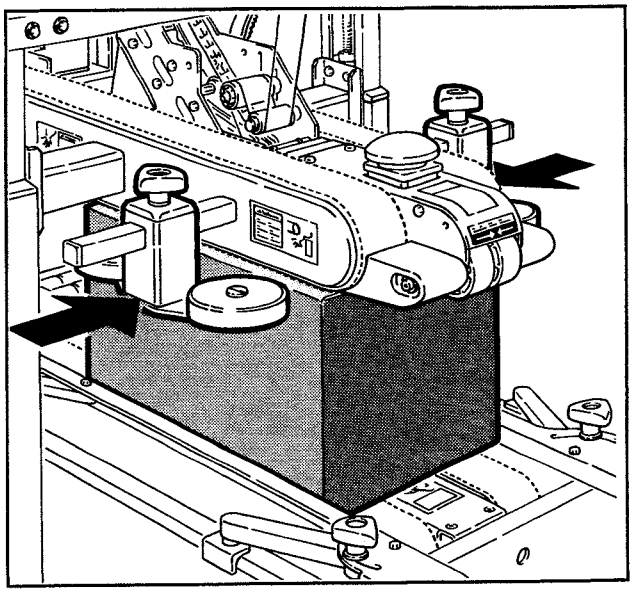


Figure 2-14 – Box Size Set-Up

Adjustments

⚠ WARNING – Turn off electrical power and disconnect power cord from electrical supply before beginning adjustments. If power cord is not disconnected severe injury to personnel could result.

Tape Web Alignment
Figure 3-1

The tape drum assembly on each taping head is pre-set to accommodate 50 mm [2 inch] wide tape but is adjustable to provide alignment of narrower tapes. If adjustment is necessary to center the tape width on the centerline of the taping head, (and therefore box center seam), make adjustment as follows:

1. Loosen locking hex nut behind tape drum on tape drum shaft. Use an adjustable wrench or 25 mm open end wrench.
2. Turn tape drum shaft in or out to center the tape web with 5 mm hex wrench.
3. Tighten locking hex nut to secure the adjustment.

No other components require adjustment for tape web alignment.

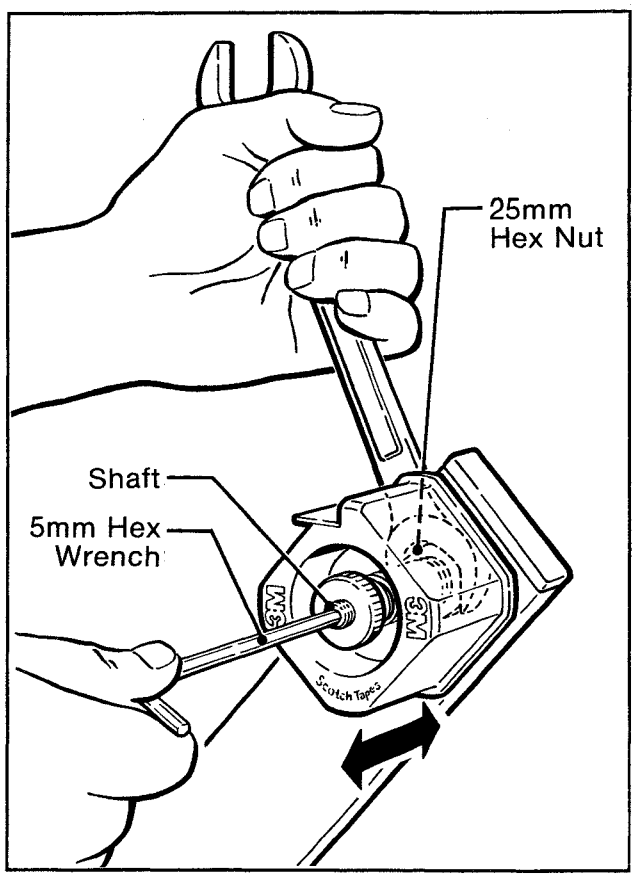


Figure 3-1 – Tape Web Alignment

Tape Drum Friction Brake
Figure 3-2

The tape drum friction brake on each taping head is pre-set for normal operation to prevent tape roll over travel. Should tension adjustment be required, turn the thumbwheel on the shaft to vary compression of the spring. Turn thumbwheel **clockwise to increase** the braking force, and **counterclockwise to decrease** the braking force. Adjust to minimum tension that prevents excessive tape roll over travel.

NOTE - Excessive braking force will cause poor tape application and lead to tape tabbing on the trailing tape leg.

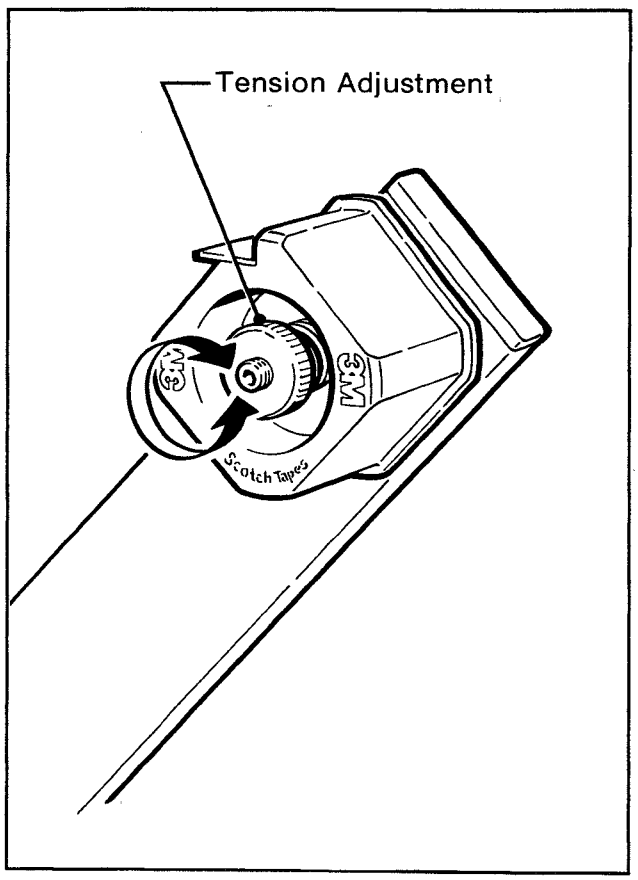


Figure 3-2 – Tape Drum Friction Brake

Adjustments (Continued)

⚠ WARNING – Turn off electrical power and disconnect power cord from electrical supply before beginning adjustments. If power cord is not disconnected severe injury to personnel could result.

Applying Mechanism Spring

Figure 3-3

The applying mechanism spring, shown in Figures 2-4 and 2-5, controls applying and buffing roller pressure on the box and returns the mechanism to the reset position. The spring pressure setting, as shown in Figure 3-3A, is for normal operation but is adjustable.

Removing the spring end loop from the spring holder and placing loop in other holes provided, as shown in Figure 3-3B, will adjust the spring pressure.

The spring pressure should be set to the minimum possible while maintaining good tape application.

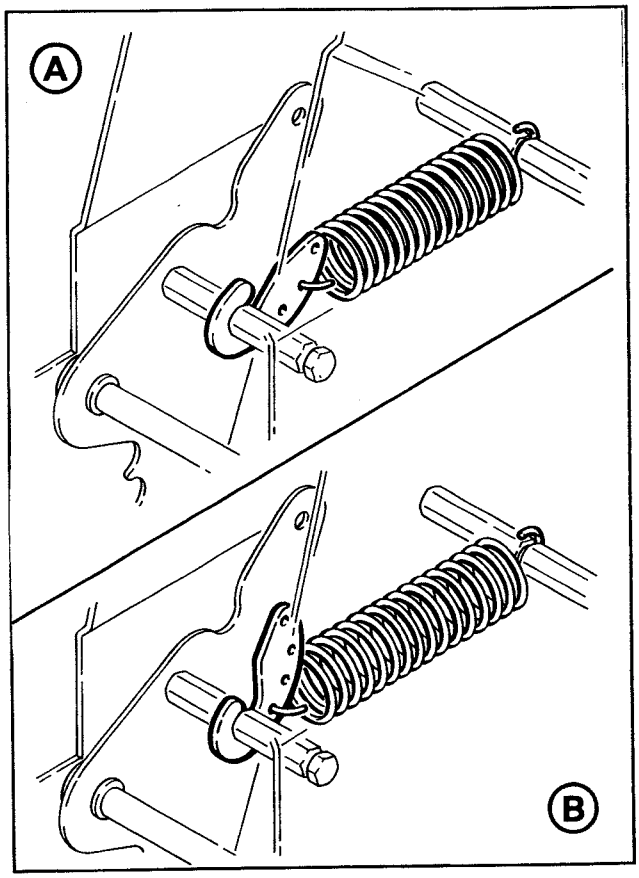


Figure 3-3 – Applying Mechanism Spring

One Way Tension Roller

Figure 3-4

The one-way tension roller is factory set. When replacing this assembly, the roller must have 0,5 kg [1 lb.] minimum tangential force when turning.

To Set Tension:

1. Wrap a cord or small strap (non-adhesive) 4-6 turns around the tension roller.
2. Attach a spring scale to the end of the cord or strap.
3. Turn the adjusting nut until a force of approximately 0,5 kg to 0,9 kg [1-2 lbs.] is required to turn the roller by pulling on the spring scale.

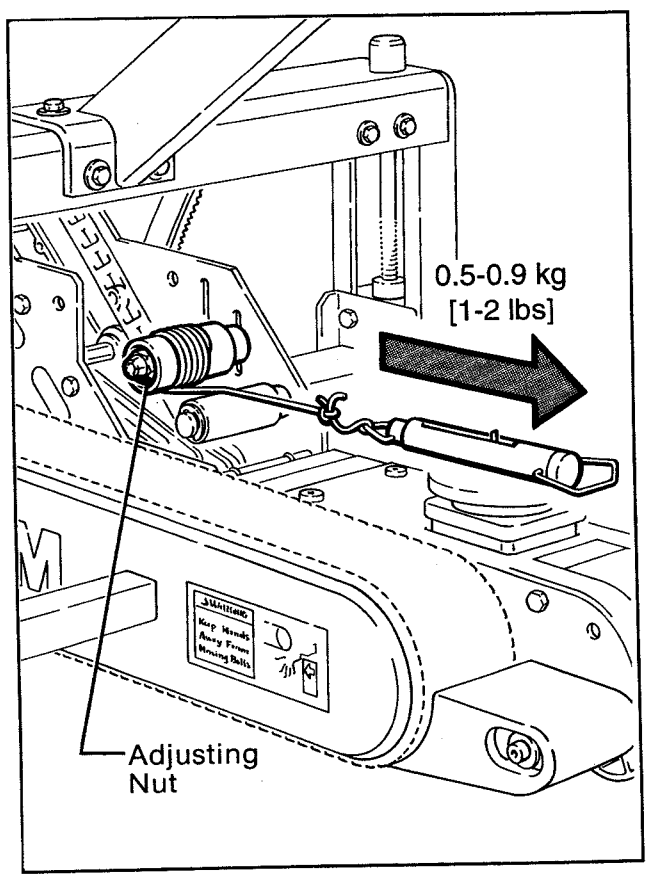


Figure 3-4 – One-Way Tension Roller

WARNING – Turn off electrical power and disconnect power cord from electrical supply before beginning adjustments. If power cord is not disconnected severe injury to personnel could result.

Box Drive Belt Tension

The four continuously moving box drive belts convey boxes through the tape applying mechanism. The box drive belts are powered by an electric gear motor.

Tension adjustment of these belts may be required during normal operation. Belt tension must be adequate to positively move the box through the machine and they should run fully on the surface of the pulleys at each end of the frame. The idler pulleys on the infeed end are adjusted in or out to provide proper belt tension. Each belt is adjusted separately.

Belt tension is obtained by tightening the adjustment screws so that a moderate pulling force of 3,5 kg [7 lbs.] applied at the midspan, as shown in Figure 3-5, will deflect the belt 25 mm [1 inch]. This will assure positive contact between the belt and the drive pulley on the discharge end of the drive assembly. **Note – Figure 3-5 illustrates the lower drive belts however, upper belts are adjusted in the same manner.**

Refer to Figure 3-6 & 3-7 and adjust belt tension as follows:

1. Remove and retain center plate/front cover and four screws.
2. Loosen, but do not remove, M10 lock nut with a 17 mm open end wrench.
3. Reset the tension on the drive belts as needed. Adjust the M8 tension screw in (clockwise) to increase tension, or out (counterclockwise) to decrease tension. Tighten lock nut to secure tension.
4. Replace center plate/front cover and secure with original screws.

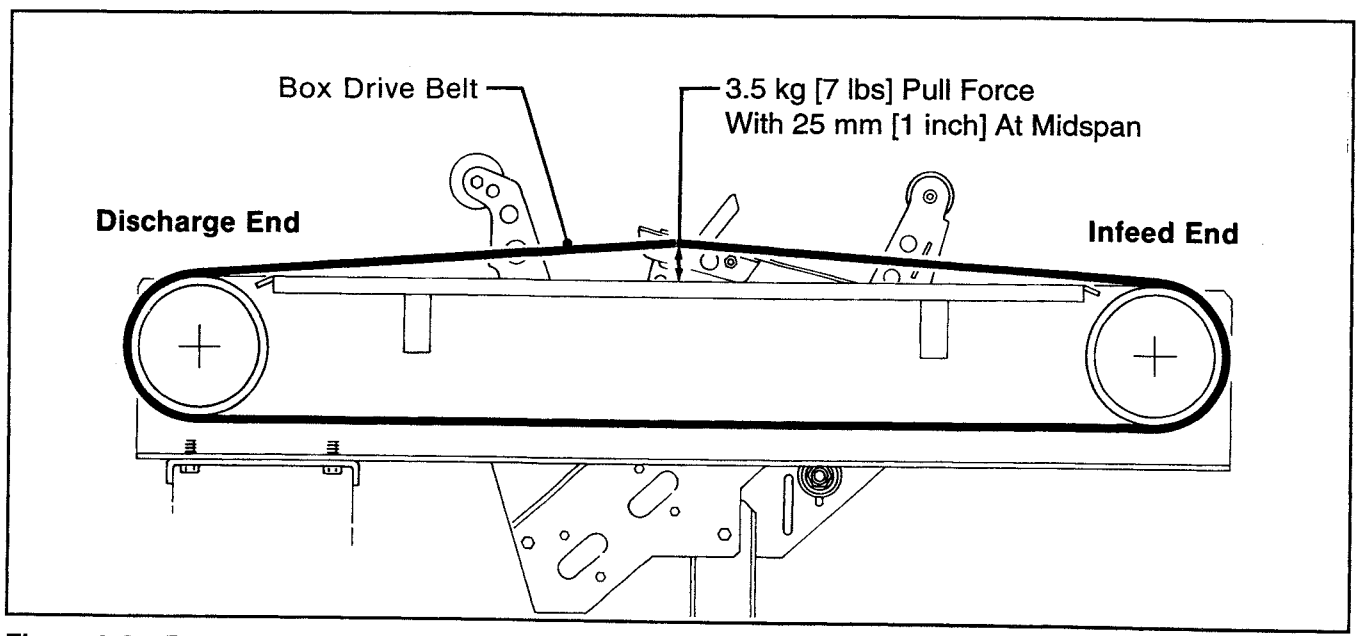


Figure 3-5 – Box Drive Belt Tension Adjustment, Lower Belts (Left Side View)

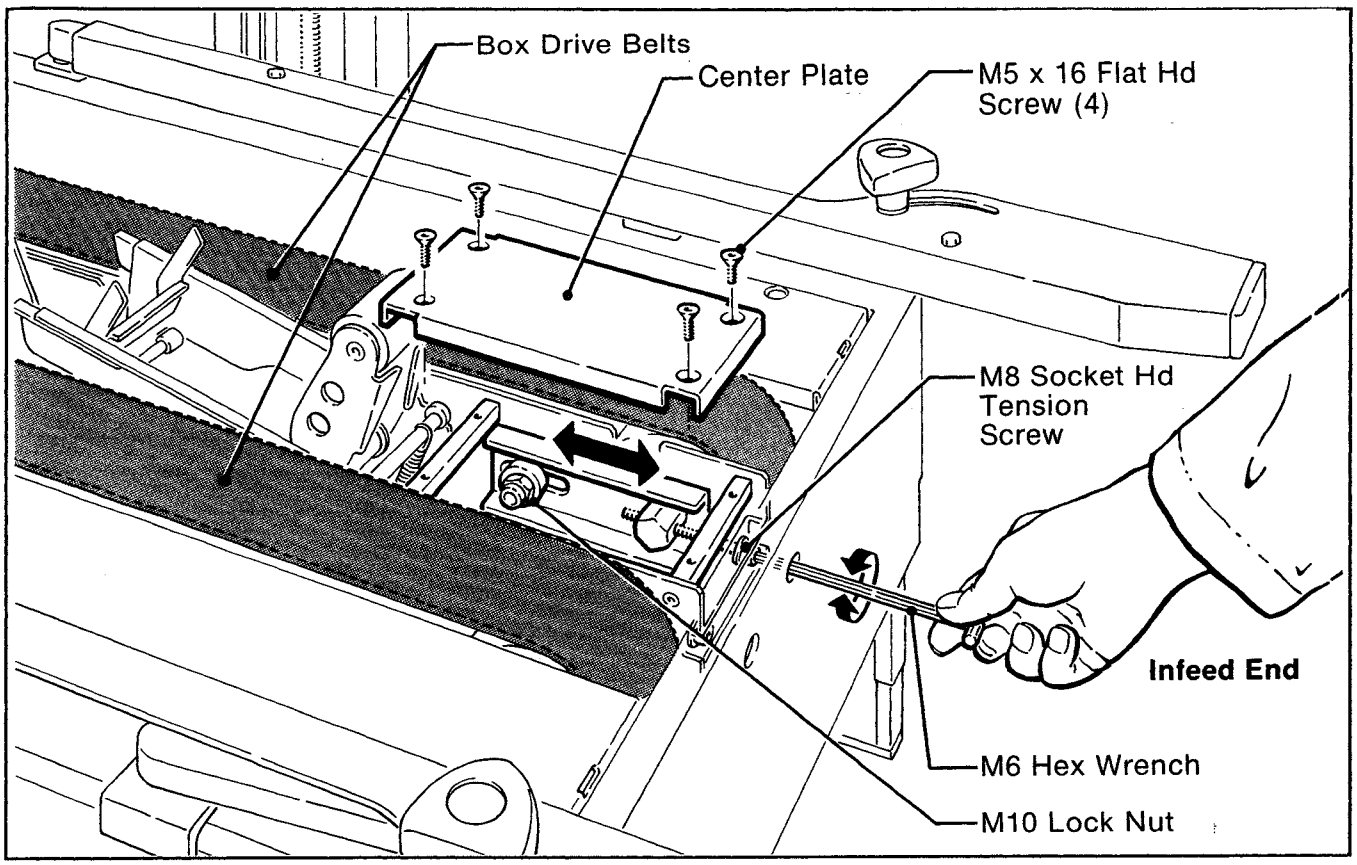


Figure 3-6 - Box Drive Belt Tension Adjustment, Lower Belts (Infeed End)

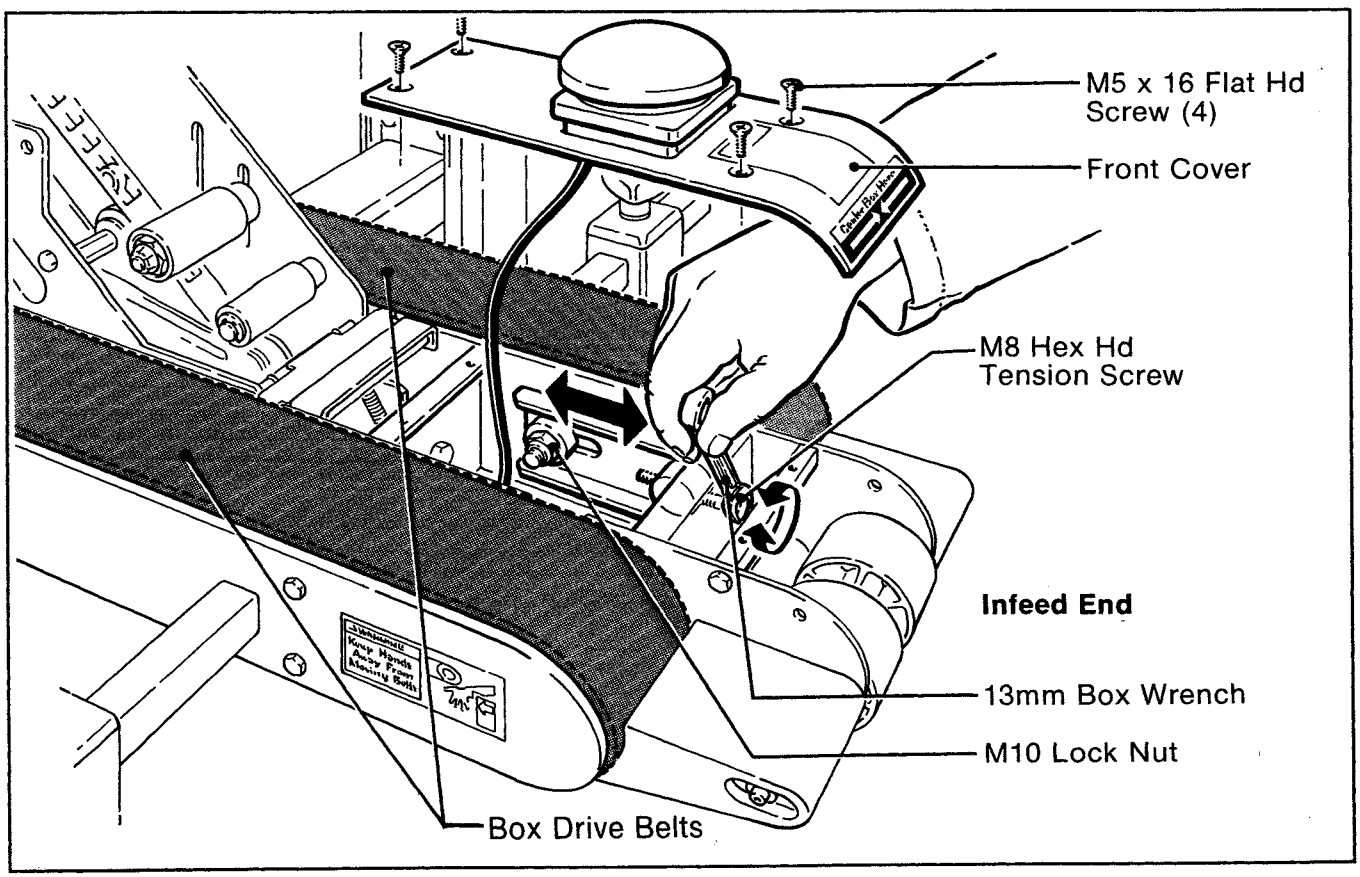


Figure 3-7 - Box Drive Belt Tension Adjustment, Upper Belts (Infeed End)

Adjustments (Continued)

⚠ WARNING – Turn off electrical power and disconnect power cord from electrical supply before beginning adjustments. If power cord is not disconnected severe injury to personnel could result.

Tape Application Leg Length
Figure 3-8

For best tape application performance, the taping heads should maintain tape leg lengths of 70 mm ± 6 mm [2 3/4 inch ± 1/4 inch].

The one-way tension roller position on the taping heads (Figure 2-6) is adjustable to control the leading tape leg length.

Moving this roller farther away from the box top or bottom surface will decrease the leading leg length. Moving it closer to the box top or bottom surface will increase the leading leg length.

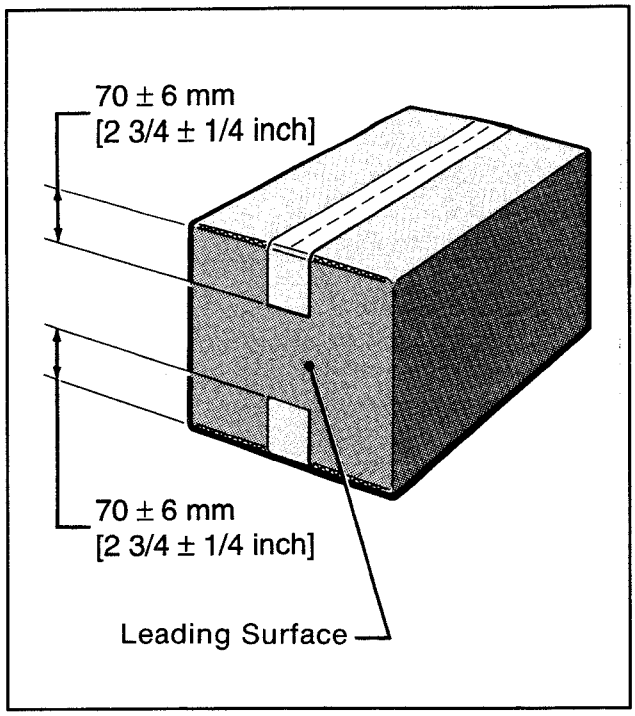


Figure 3-8 – Tape Application Leg Length

Maintenance

The case sealer been designed for long, trouble free service. The machine will perform best when it receives routine maintenance and cleaning. Machine components that fail or wear excessively should be promptly repaired or replaced to prevent damage to other portions of the machine or to the product.

⚠ WARNING – Turn off electrical power and disconnect power cord from electrical supply before beginning maintenance. If power cord is not disconnected severe injury to personnel could result.

Blade Replacement
Figure 4-1
(Upper and Lower Taping Heads)

⚠ WARNING – Use care when replacing blades as blades are extremely sharp. If care is not taken, severe injury to personnel could result.

1. Loosen, but do not remove, the blade screws **(A).** Remove and discard the old blade.
2. Mount the new blade **(B)** with the beveled side away from the blade holder.
3. Bottom the blade slots against the screws. (This will position the blade at the correct angle.) Tighten the blade screws to secure the blade.

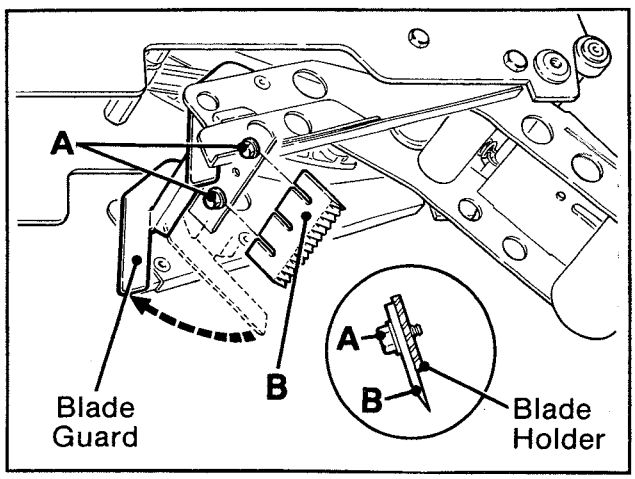


Figure 4-1 – Blade Replacement

WARNING – Turn off electrical power and disconnect power cord from electrical supply before beginning maintenance. If power cord is not disconnected severe injury to personnel could result.

Box Drive Belt Replacement

Note – 3M recommends the replacement of drive belts in pairs, especially if belts are unevenly worn.

Lower Drive Belts

Figure 4-2

1. Remove and retain center plate **(A)** and four screws.
2. Remove and retain side cover **(B)** and fasteners.
3. Loosen, but do not remove lock nut **(C)**.
4. Loosen tension screw **(D)** until all belt tension is removed.
5. Pull belt splicing pin **(E)** out and remove belt.
6. Place new belt over pulleys with laced splice at top. Insert splicing pin. **Note – Pin must not extend beyond edge of belt.**
7. Adjust belt tension as explained in "Adjustments-Box Drive Belt Tension", page 22.
8. Replace side cover and center plate and secure with original fasteners.

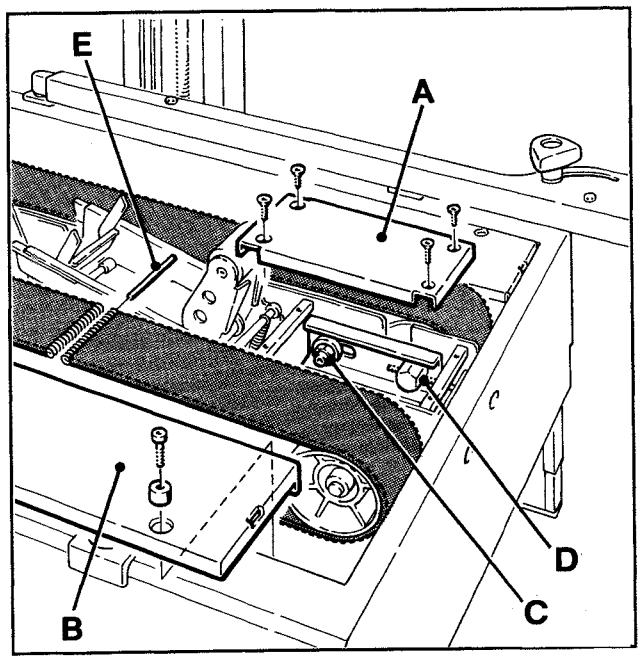


Figure 4-2 – Lower Drive Belt Replacement

Upper Drive Belts

Figure 4-3

1. Remove and retain front cover **(A)** and four screws.
2. Loosen, but do not remove lock nut **(C)**.
3. Loosen tension screw **(D)** until all tension is removed from belt.
4. Pull belt splicing pin **(E)** out and remove belt.
5. Place new belt over pulleys with laced splice at top. Insert splicing pin. **Note - Pin must not extend beyond edge of belt.**
6. Adjust belt tension as explained in "Adjustments-Box Drive Belt Tension", page 22.
7. Check clearance between belt guard **(F)** and belt. **Maximum allowed clearance is 6 mm [1/4 inch].** To adjust clearance, loosen M8 socket head screw **(G)**, move guard forward or backward and tighten screw.

CAUTION – Failure to adjust and maintain proper belt guard clearance could result in severe injury to personnel.

8. Replace front cover and secure with original fasteners.

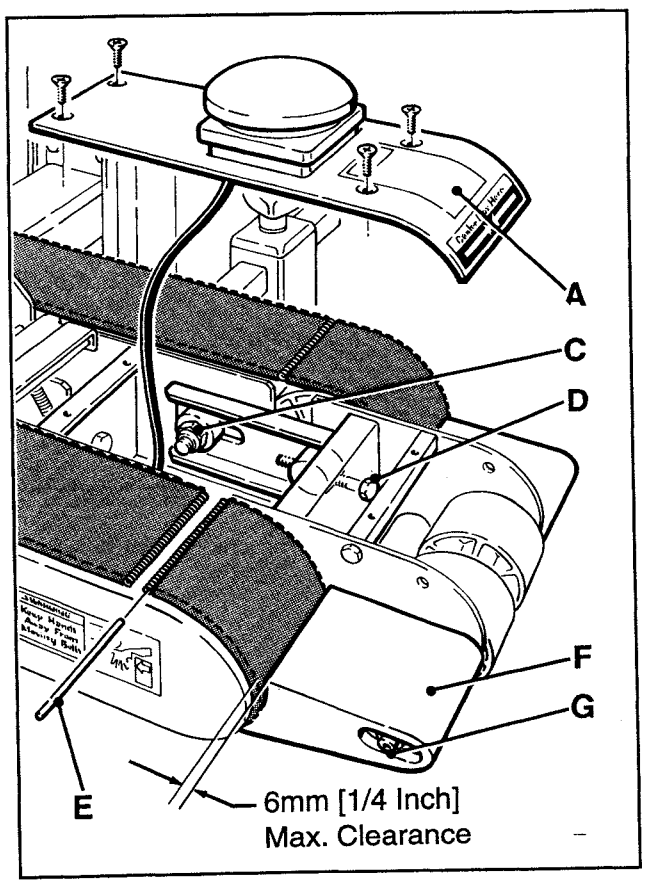


Figure 4-3 – Upper Drive Belt Replacement

⚠ WARNING – Turn off electrical power and disconnect power cord from electrical supply before beginning maintenance. If power cord is not disconnected severe injury to personnel could result.

Cleaning Of The Machine

Note – Never attempt to remove dirt by blowing it out with compressed air. This can cause the dirt to be blown inside the motor and onto sliding surfaces which may cause premature equipment wear. Never wash down or subject equipment to conditions causing moisture condensation on components. Serious equipment damage could result.

Regular slotted containers produce a great deal of dust and paper chips when processed or handled in equipment. If this dust is allowed to build-up on machine components, it can cause component wear and overheating of drive motor. The dust build-up can best be removed from the machine by a shop vacuum. Depending on the number and type of boxes sealed in the case sealer, this cleaning should be done approximately once per month. If the boxes sealed are dirty, or if the environment in which the machine operates is dusty, cleaning on a more frequent basis may be necessary. Excessive dirt build-up that cannot be removed by vacuuming should be wiped off with a damp cloth.

Cut-Off Blade

⚠ WARNING – Use care when working near blades as blades are extremely sharp. If care is not taken, severe injury to personnel could result.

Should tape adhesive build-up occur on cut-off blade carefully wipe blade clean with oily cloth.

Circuit Breaker

The case sealer is equipped with a circuit breaker which trips the "On/Off" switch to tripped position. If circuit is overloaded and circuit breaker trips, wait 2 minutes, move to "Off", then turn "On". Located inside the electrical control box on the side of the main frame just below the conveyor bed, the circuit breaker has been pre-set at 4.5 Amps and requires no further maintenance.

⚠ WARNING – Turn off electrical power and disconnect power cord from electrical supply before beginning maintenance. If power cord is not disconnected severe injury to personnel could result. Use care when working near taping head blade as blade is extremely sharp. If care is not taken, severe injury to personal could result.

Lubrication – Mechanical

Like most other equipment, the case sealer must be properly lubricated to insure long, trouble free service. Most of the machine bearings are permanently lubricated and sealed and do not need to be greased. The drive motor is also permanently lubricated and should not require additional lubrication.

Figures 4-4 and 4-5 illustrate the taping head and frame points which should be lubricated every 250 hours of operation. Lubricate the rotating and pivoting points, noted by the arrows, (➡) with SAE #30 non-detergent oil. At the same time, a small amount of multipurpose grease should be applied to the end of each spring where the loop is secured at an eyelet, post, or hole noted by arrows (⇨).

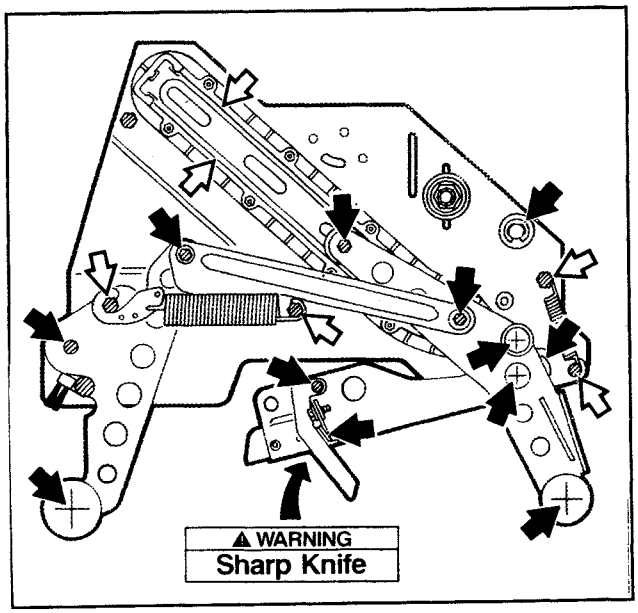


Figure 4-4 – Lubrication Points, Upper and Lower Taping Heads

Note – Wipe off excess oil and grease. It will attract dust and dirt which can cause premature equipment wear and jamming. Take care that oil and grease are not left on the surface of rollers around which tape is threaded, as it can contaminate the tape's adhesive.

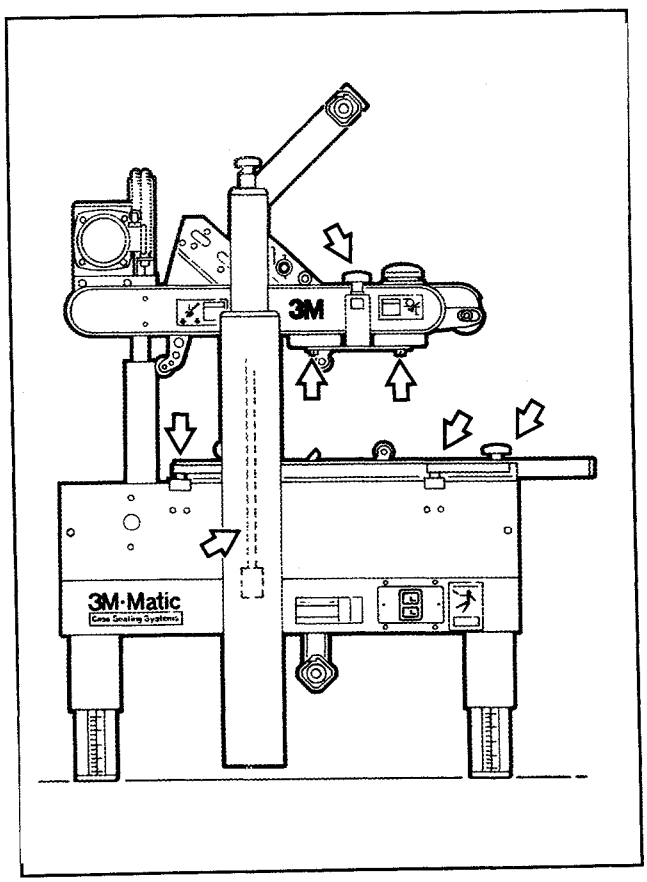


Figure 4-5 – Lubrication Points, Frame

Blade Oiler Pad

The taping heads are equipped with a felt blade oiler pad that has been pre-lubricated at the factory to provide a film of oil on the cut-off blade to reduce adhesive build-up. Apply SAE #30 non-detergent oil as needed. **Saturate felt oiler pad.**

Special Set-Up Procedure

⚠ WARNING – Turn off electrical power and disconnect power cord from electrical supply before beginning special set-up procedure. If power cord is not disconnected severe injury to personnel could result.

Changing the Tape Leg Length
(From 70 to 50 mm [2-3/4 to 2 inches])

The following changes to the case sealer frame and upper/lower taping heads will allow the taping of boxes 90 mm [3-1/2 inches] minimum height.

Case Sealer Frame (Refer to Figures 5-1B and 5-1C)

1. Raise the upper head assembly by turning crank handle counterclockwise. Remove and retain the two screws and washers that secure the stop bracket in position **"A"**.
2. Remount and secure the stop bracket in the lower position **"A-A"** with original fasteners through top holes of stop bracket.

Taping Heads

⚠ WARNING – Use care when working near blades as blades are extremely sharp. If care is not taken, severe injury to personnel could result.

(Refer to Figures 5-1B and 5-1C)

1. Pivot up the clamp that secures the upper taping head as shown in figure 5-1B.
2. Slide the head forward and straight down to remove it from the case sealer.
3. Lift the lower taping head, shown in Figure 5-1C, straight up to remove it from the case sealer bed.

(Refer to Figure 5-2)

4. Remove and retain the two hex screws to remove the brush from the normal position **"A"** on the taping head frame.
5. Remount and secure the brush in position **"A-A"** (forward of the normal location) using the original fasteners.
6. Remove and retain the two flat head screws to remove the blade cut-off bracket extension in normal position **"B"**.
7. Remount and secure the bracket extension in the forward position **"B-B"** using the original fasteners. Relocate both the right and left extensions.
8. Remove and retain the hex head screw and washer to remove the one-way tension roller assembly from slot **"C"** in the taping head frame.
9. Remount and secure one-way tension roller assembly near the top of slot **"C-C"** in frame using original fasteners.

Note – The one-way tension roller position is adjustable to control the leading tape leg length. Moving this roller farther away from the box top (upper taping head) or bottom (lower taping head) surface, will decrease the leading leg length. Moving it closer to the box top or bottom surface will increase the leading leg length.

Figure 5-3

Illustrates a taped box after case sealer has been converted to 50 mm [2 inch] tape leg length.

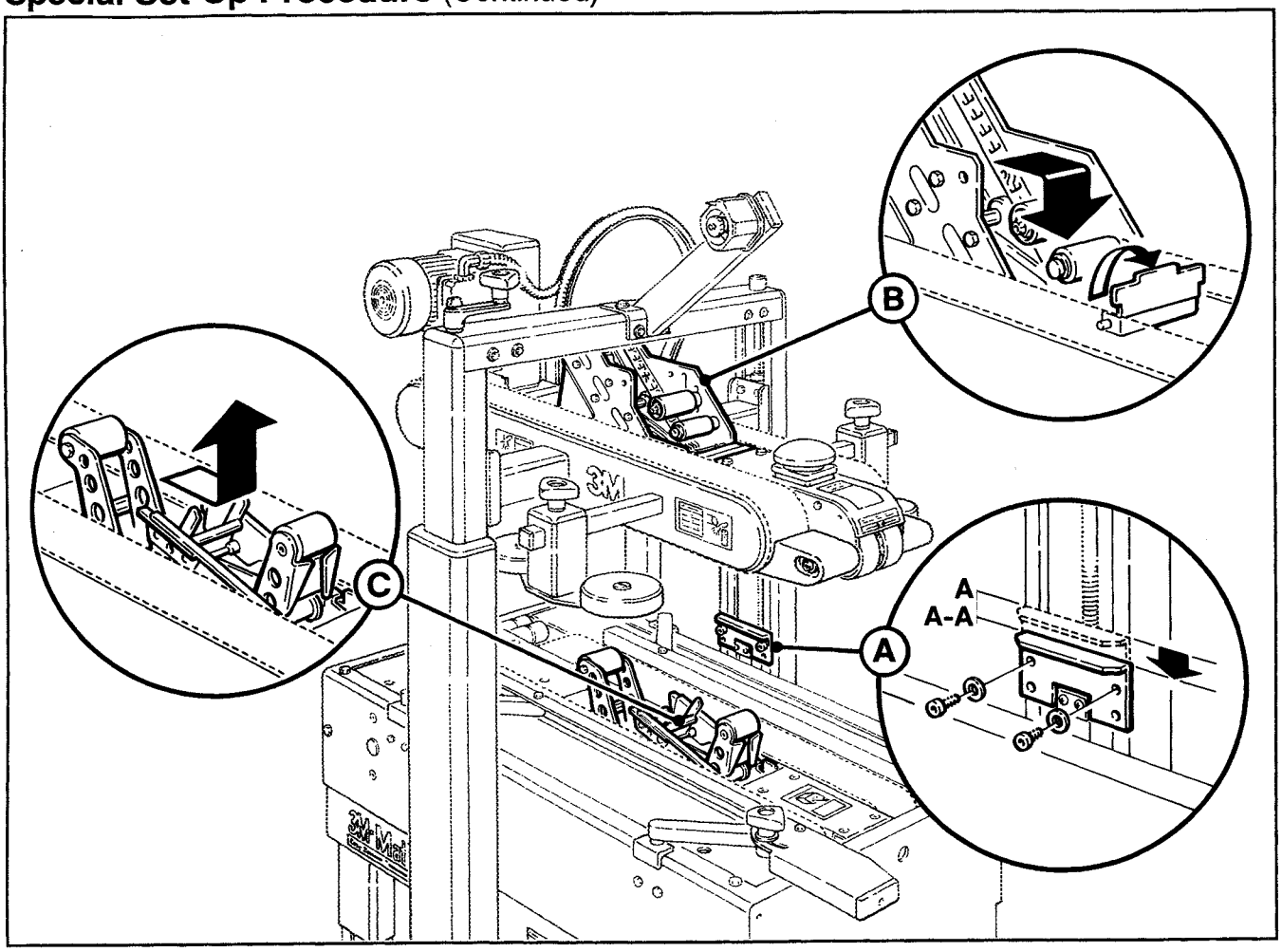


Figure 5-1 – Case Sealer Frame Changes

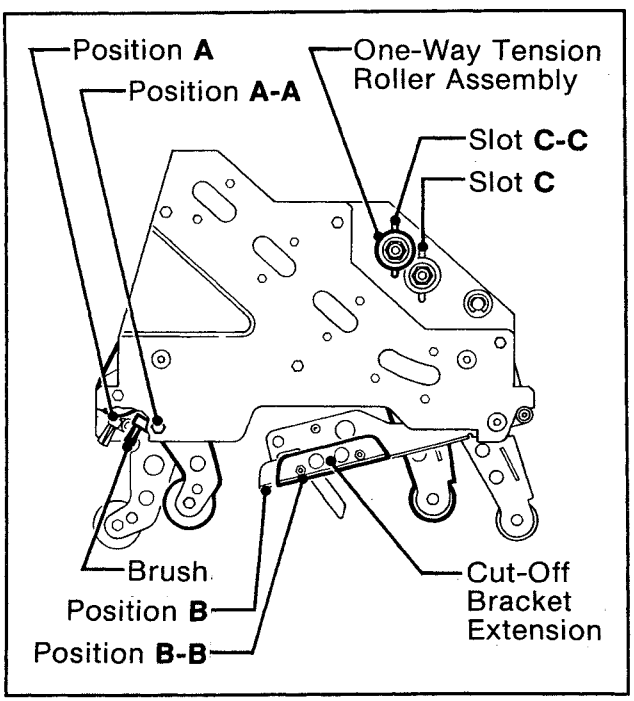


Figure 5-2 – Taping Head Changes, Upper/Lower

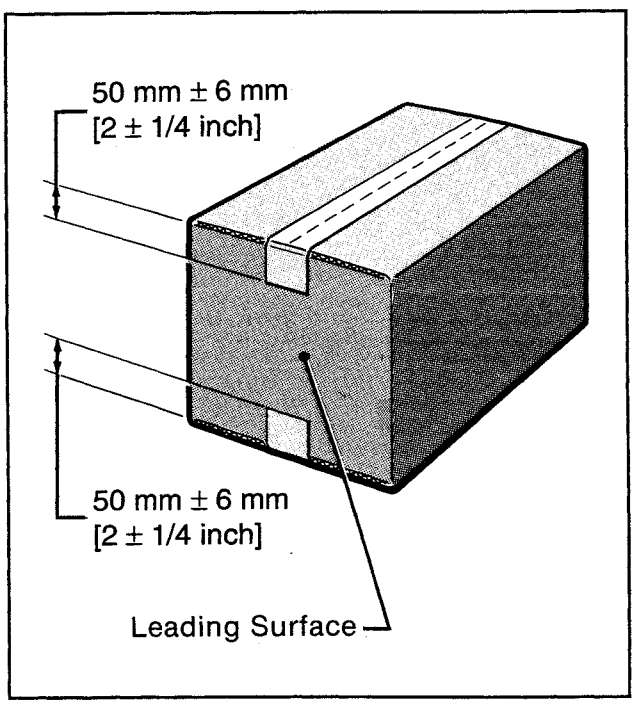


Figure 5-3 – 2 Inch [50 mm] Tape Leg Applied to Box

Special Set-Up Procedure (Continued)

⚠ WARNING – Turn off electrical power and disconnect power cord from electrical supply before beginning special set-up procedure. If power cord is not disconnected severe injury to personnel could result.

Box and Conveyor Bed Height Range (Refer to Figure 5-4)

Moving the outer columns up one set of mounting holes increases the maximum box size handled by the 700a case sealer and decreases the minimum conveyor bed height.
Note – This also increases the minimum box height from 120 mm [4-7/8 inches] to 165 mm [6-1/2 inches].

To move the outer columns up one set of mounting holes:

1. Place minimum 305 mm [12 inch] high blocks at the front and rear of the upper taping head assembly as shown in Figure 5-4A. **Important – Blocks (front and rear) must be same height in order to keep upper taping head assembly parallel with machine bed/drive belts.** Crank the upper taping head assembly down until it touches these blocks.

2. Remove and retain the six screws and plain washers that fasten each column to the frame. Figure 5-4B.

3. Turn the height adjustment crank clockwise to raise the outer columns up one set of mounting holes, (100 mm [4 inches]).

⚠ WARNING – Blocks and spacers must be capable of supporting the 45.4 Kg [100 pound] weight of the outer columns and upper taping head assembly.

4. Install and tighten the six screws and plain washers in each column that were removed in Step 2. Crank upper taping head assembly up and remove blocks.

If desired, the bed height can now be decreased to 510 mm [20 inches] by adjusting legs upward. (See "Set-Up Procedure – Conveyor Bed Height", page 12.)

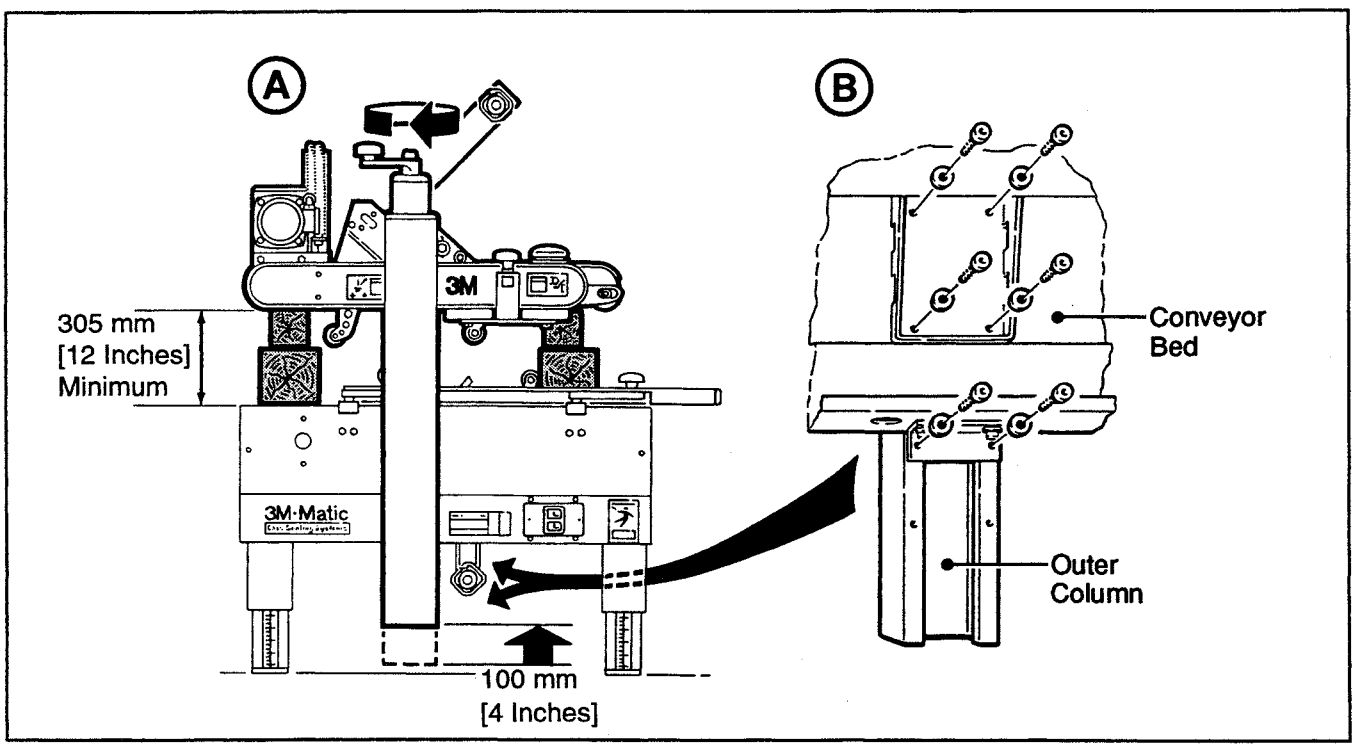


Figure 5-4 – Box and Conveyor Bed Height Range

Troubleshooting

Review Set-Up Procedure Section so that the operational components of the machine are understood. The Troubleshooting Guide lists some possible machine problems, causes and corrections.

Troubleshooting Guide

Problem	Cause	Correction
Drive belts do not convey boxes	Narrow boxes	Check machine specifications. Boxes are narrower than recommended, causing slippage and premature belt wear.
	Worn drive belts	Replace drive belts
	Top taping head does not apply enough pressure	Adjust the box height adjustment with the crank
	Top flap compression rollers in too tight	Readjust compression rollers
	Taping head applying spring holder missing	Replace spring holder
	Taping head applying spring set too high	Reduce spring pressure
Drive belts do not turn	Worn or missing friction rings	Replace friction rings
	Drive belt tension too low	Adjust belt tension
	Electrical disconnect	Check power and electrical plug
	Circuit breaker not at correct setting	Set to correct current value
	Motor not turning	Evaluate problem and correct
Upper and lower applying mechanisms interfere with each other	Machine's minimum height stop does not match tape head leg length setting	Check manual to make sure taping heads match machine setting
Drive belts break	Worn belt	Replace belt
Light boxes tip back on exit	Upper ski down too far	Carefully adjust upper ski
Squeaking noise as boxes pass through machine	Dry compression rollers	Lubricate compression rollers
	Dry column bearings	Lubricate column bearings
	Defective column bearings	Replace column bearings
Tape not centered on box seam	Tape drum not centered	Reposition tape drum
	Centering guides not centered	Adjust centering guides
	Box flaps not of equal length	Check box specifications

(Continued)

Troubleshooting (Continued)

Troubleshooting Guide

Problem	Cause	Correction
The tape leg on the front of the case is too long	The tape is threaded incorrectly	The tape must go around the wrap roller before going around the one-way tension roller
	The tape tension is too low	Adjust the one-way tension roller
	The knurled roller drags	Check for adhesive build-up between the knurled roller and its shaft. Clean and lubricate shaft. Remove all lubricant from roller surfaces.
	Tape tracks to one side or drags on the support tabs of applying frame	Adjust the tape web alignment
	The one-way tension roller is not correctly positioned	Position the roller in its mounting slot so that the tape extends just beyond the centerline of the applying roller
	Taping head is not set up properly	Check leg length adjustments
The blade does not cut tape or the tape end is jagged or shredded	The blade is dull and/or has broken teeth	Replace the blade
	Tape tension is insufficient	Increase tape tension by adjusting the one-way tension roller
	Adhesive has built up on the blade	Clean and adjust the blade
	The blade is not positioned properly	Make sure the blade is bottomed out against the mounting bolts
	The blade is dry	Lubricate the blade oiler pad on the blade guard
	The blade is in backwards	Mount the blade so that the beveled edge is away from the entrance end of the head
	One or both cutter springs are missing or stretched	Replace the defective spring(s)
	Tension roller surface is not fully contacting the taping head frame	Make sure one-way bearing is below the surface of the tension roller. If not, press bearing further into roller or replace roller.

(Continued)

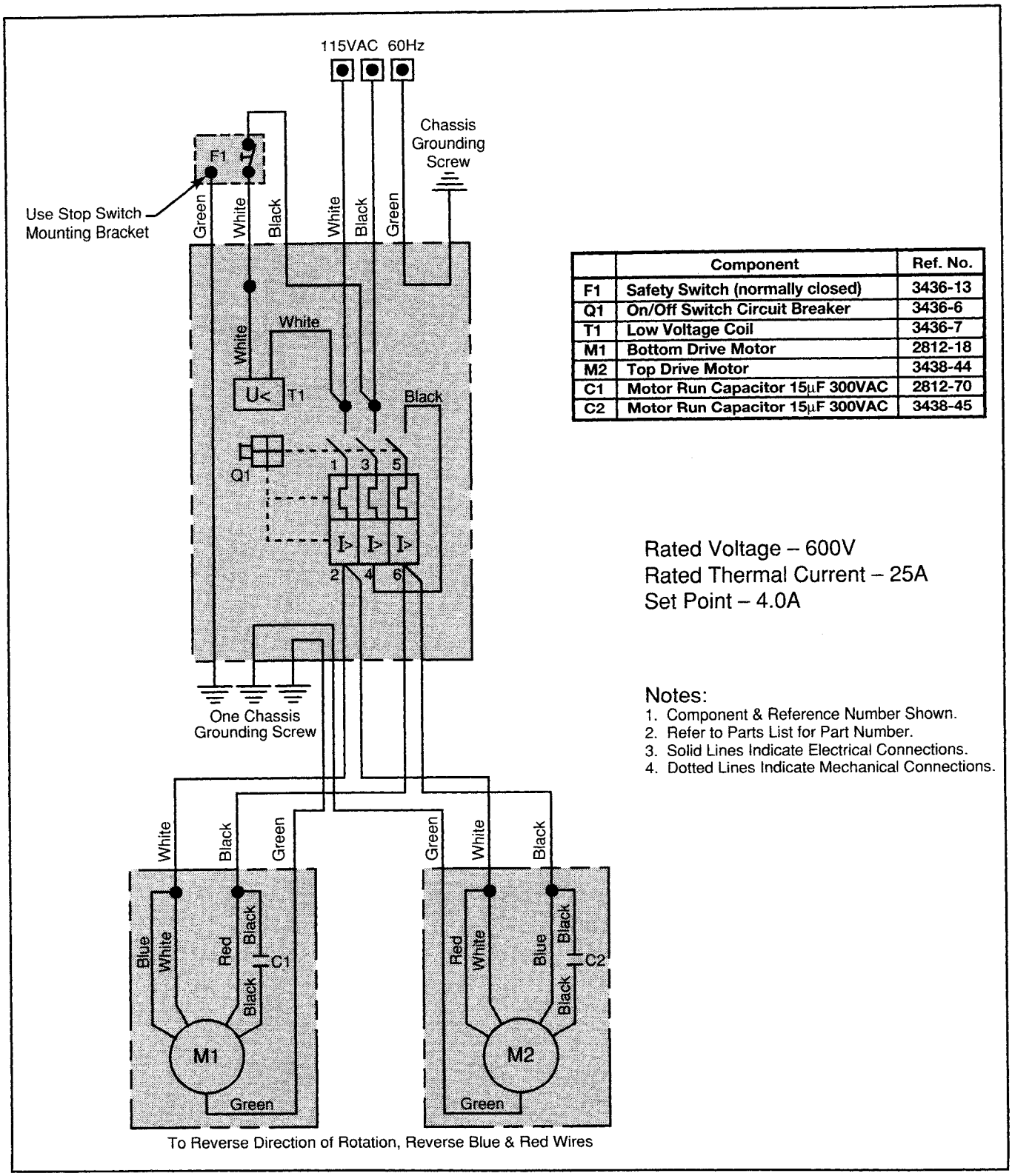
Troubleshooting (Continued)

Troubleshooting Guide

Problem	Cause	Correction
Tape is tabbing on the trailing leg on the back of the box	There is excess tension on the tape drum assembly and/or the one-way tension roller assembly	Adjust the one-way tension roller and/or the tape drum assembly
	Rollers in the tape path do not rotate freely	Clean adhesive deposits from the surface, ends, and shafts of the rollers. Then lubricate roller shafts. Remove all lubricant from roller surfaces.
	The blade is not cutting tape properly	Refer to tape cutting problems
	The tape is threaded incorrectly	Rethread the tape
	Applying mechanism spring has too little tension	Move spring hook to next tighter hole
The tape end does not stay in the application position in front of the applying roller	The tape is incorrectly threaded	Rethread the tape
	Flanged knurled roller overruns on return of applying mechanism to its rest position	Adjust tension roller position in mounting slot to lengthen tape leg
	Applying roller overruns on return of applying mechanism to its rest position	There should be a slight drag when rotating the applying roller. If not, check friction springs and/or friction pins and replace if necessary
	The one-way tension roller is not correctly positioned	Position roller in its mounting slot so that tape end extends beyond centerline of applying roller
	The one-way tension roller is defective	Replace the one-way tension roller

Electrical Diagram

WARNING – Turn off electrical power supply and disconnect power cord from electrical supply before beginning service. If power cord is not disconnected, personnel could be exposed to dangerous voltages. Severe injury or equipment damage could result.



	Component	Ref. No.
F1	Safety Switch (normally closed)	3436-13
Q1	On/Off Switch Circuit Breaker	3436-6
T1	Low Voltage Coil	3436-7
M1	Bottom Drive Motor	2812-18
M2	Top Drive Motor	3438-44
C1	Motor Run Capacitor 15µF 300VAC	2812-70
C2	Motor Run Capacitor 15µF 300VAC	3438-45

Rated Voltage – 600V
Rated Thermal Current – 25A
Set Point – 4.0A

Notes:
1. Component & Reference Number Shown.
2. Refer to Parts List for Part Number.
3. Solid Lines Indicate Electrical Connections.
4. Dotted Lines Indicate Mechanical Connections.

Figure 6 – Electrical Diagram

Replacement Parts And Service Information

Spare Parts

It is suggested that the following spare parts be ordered and kept on hand:

Qty.	Ref. No.	Part Number	Description
1	2880-15	78-8057-6179-4	Roller – Applying
1	2881-5	78-8057-6178-6	Roller – Buffing
1	2881-10	78-8070-1274-1	Spring – Upper Extension
1	2883-2	78-8017-9173-8	Blade – 2.56 Inch/65 mm
2	2883-12	78-8052-6602-6	Spring – Cutter
1	2886-10	78-8070-1273-3	Spring – Lower Extension
4	2804-38 & 3435-55	78-8070-1531-4	Belt – Drive W/Hook

Label Kit

A label kit, part number 78-8070-1427-5, is available as a stock item. It contains all the safety labels used on the 700a Adjustable Case Sealer.

Tool Kit

A tool kit, part number 78-8060-8476-6, is available as a stock item. The kit contains the necessary open end and hex socket wrenches for use with the metric fasteners on the case sealer. The threading tool, part number 78-8076-4726-4, contained in above kit is also available as a replacement stock item. Refer to first page of this manual "Replacement Parts and Service Information" for parts ordering information.

Replacement Parts and Service

Refer to the first page of this instruction manual **"Replacement Parts and Service Information".**

Options/Accessories

For additional information on the options/accessories listed below, contact your 3M Representative.

Part Number	Option/Accessory
78-8052-6553-1	Box Hold Down Attachment, Model 18500
78-8069-3983-7	Caster Kit Attachment
78-8069-3924-1	Conveyor Extension Attachment
78-8069-3926-6	Low Tape Sensor Kit
78-8079-5505-5	Three Flap Folder Kit
78-8079-5560-0	Tape Application Sensor

Replacement Parts – Illustrations and Parts Lists
700a Adjustable Case Sealer, Type 29200
Frame Assemblies

1. Refer to **Frame Assemblies** Figure to find all the parts illustrations identified by **figure numbers.**

2. Refer to the **Figure or Figures** to determine the **individual parts** required and the **parts reference number.**

3. The **replacement parts list,** that follows each illustration, includes the **part number** and **part description** for the parts in that illustration.

> **Note** – The complete description has been included for standard fasteners and some commercially available components. This has been done to allow obtaining these standard parts locally, should the customer elect to do so.

4. Refer to the first page of this instruction manual **"Replacement Parts and Service Information"** for replacement parts ordering information.

> **IMPORTANT** – Not all the parts listed are normally stocked items. Some parts or assemblies shown are available only on a special order basis. Contact 3M/Tape Dispenser Parts to confirm item availability.

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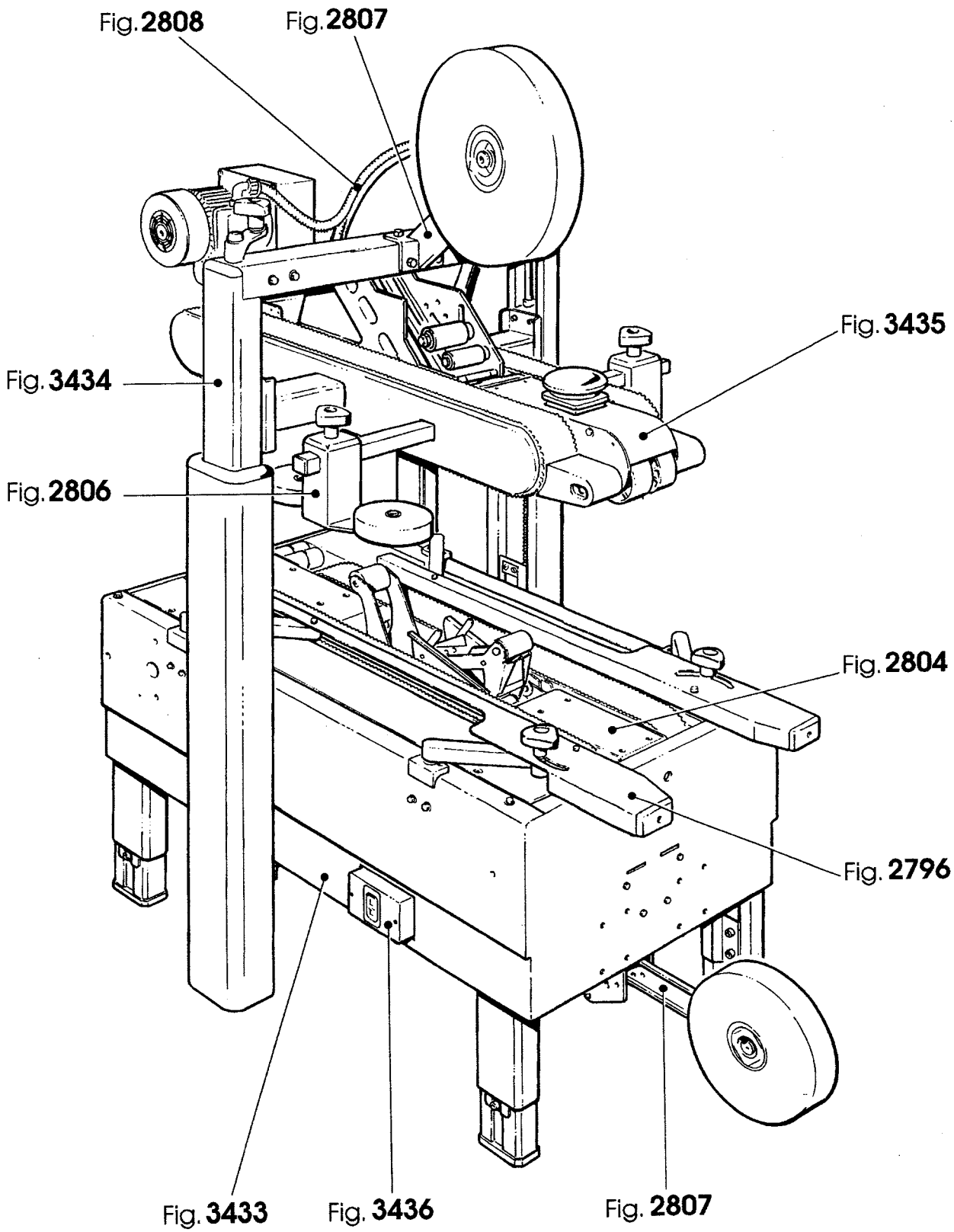

Frame Assemblies

700a Adjustable Case Sealer

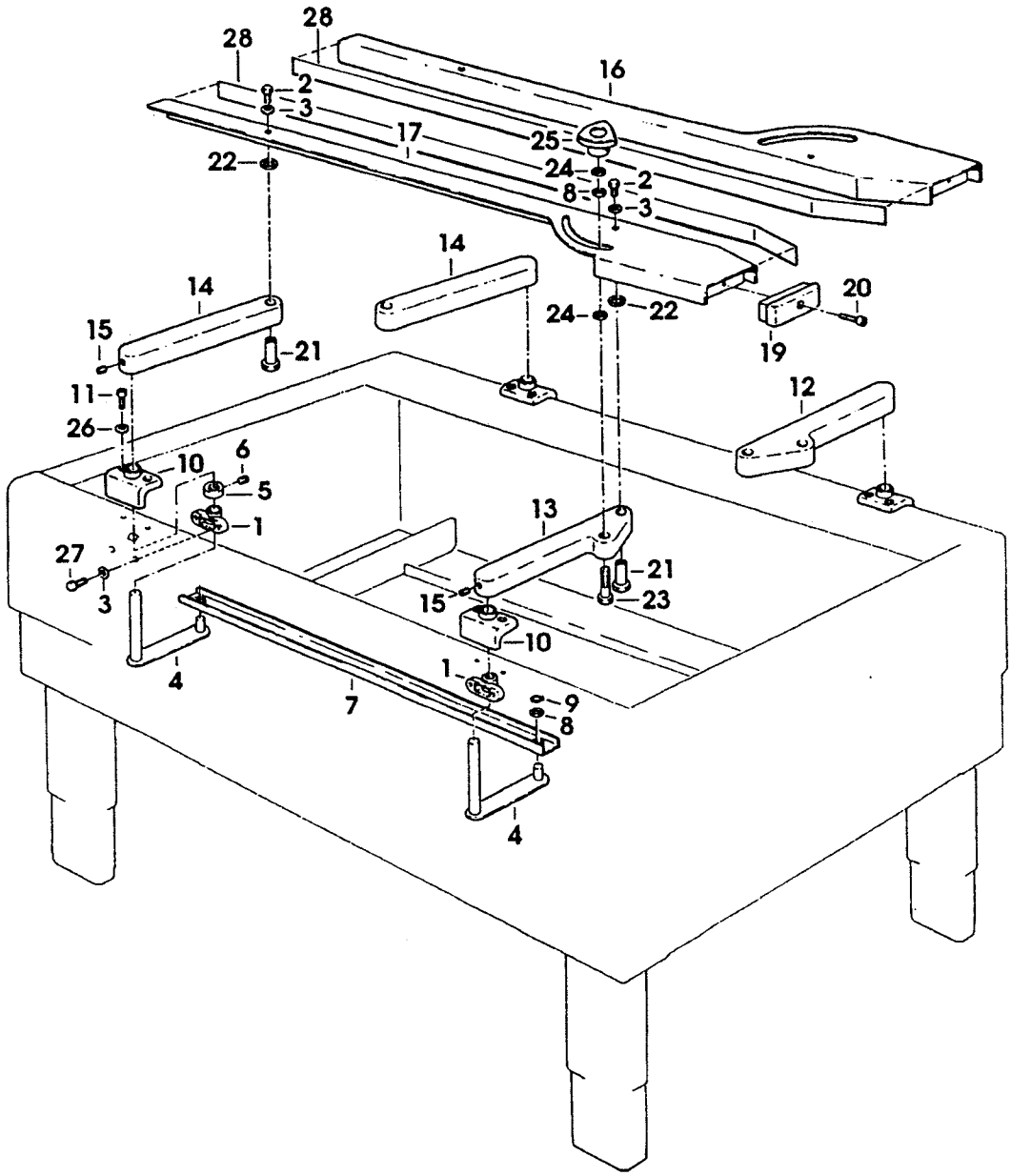

Figure 2796

Figure 2796

Ref. No.	3M Part No.	Description
2796-1	78-8070-1536-3	Support – Guide Arm
2796-2	78-8010-7169-3	Screw – Hex Hd M6 x 12
2796-3	26-1000-0010-3	Washer – Flat M6
2796-4	78-8070-1537-1	Lever With Pivot
2796-5	78-8070-1538-9	Bushing
2796-6	26-1003-8816-9	Screw – Set M5 x 6
2796-7	78-8070-1539-7	Link – Guide
2796-8	78-8017-9074-8	Washer – 15 mm Nylon
2796-9	78-8052-6733-9	Ring – M10 Special
2796-10	78-8070-1540-5	Support – Lever
2796-11	78-8032-0382-3	Screw – Soc Hd M5 x 16
2796-12	78-8070-1541-3	Guide Arm – Front, Right
2796-13	78-8070-1542-1	Guide Arm – Front, Left
2796-14	78-8070-1543-9	Guide Arm – Rear
2796-15	78-8076-4505-2	Screw – Set M6 x 8
2796-16	78-8070-1544-7	Guide – Right
2796-17	78-8070-1545-4	Guide – Left
2796-19	78-8070-1546-2	Cap – Guide
2796-20	26-1003-7953-1	Screw – Soc Hd M5 x 30
2796-21	78-8070-1547-0	Shaft – Guide
2796-22	78-8070-1548-8	Washer – 20 x 12, 5 x 1 Nylon
2796-23	26-1003-5852-7	Screw – Hex Hd M10 x 40
2796-24	78-8052-6566-3	Washer – Friction
2796-25	78-8070-1549-6	Knob – VTR-B-M10
2796-26	78-8005-5735-3	Washer – Lock M5
2796-27	78-8032-0375-7	Screw – Hex Hd, M6 x 16
2796-28	78-8079-5378-7	Tape – Guide

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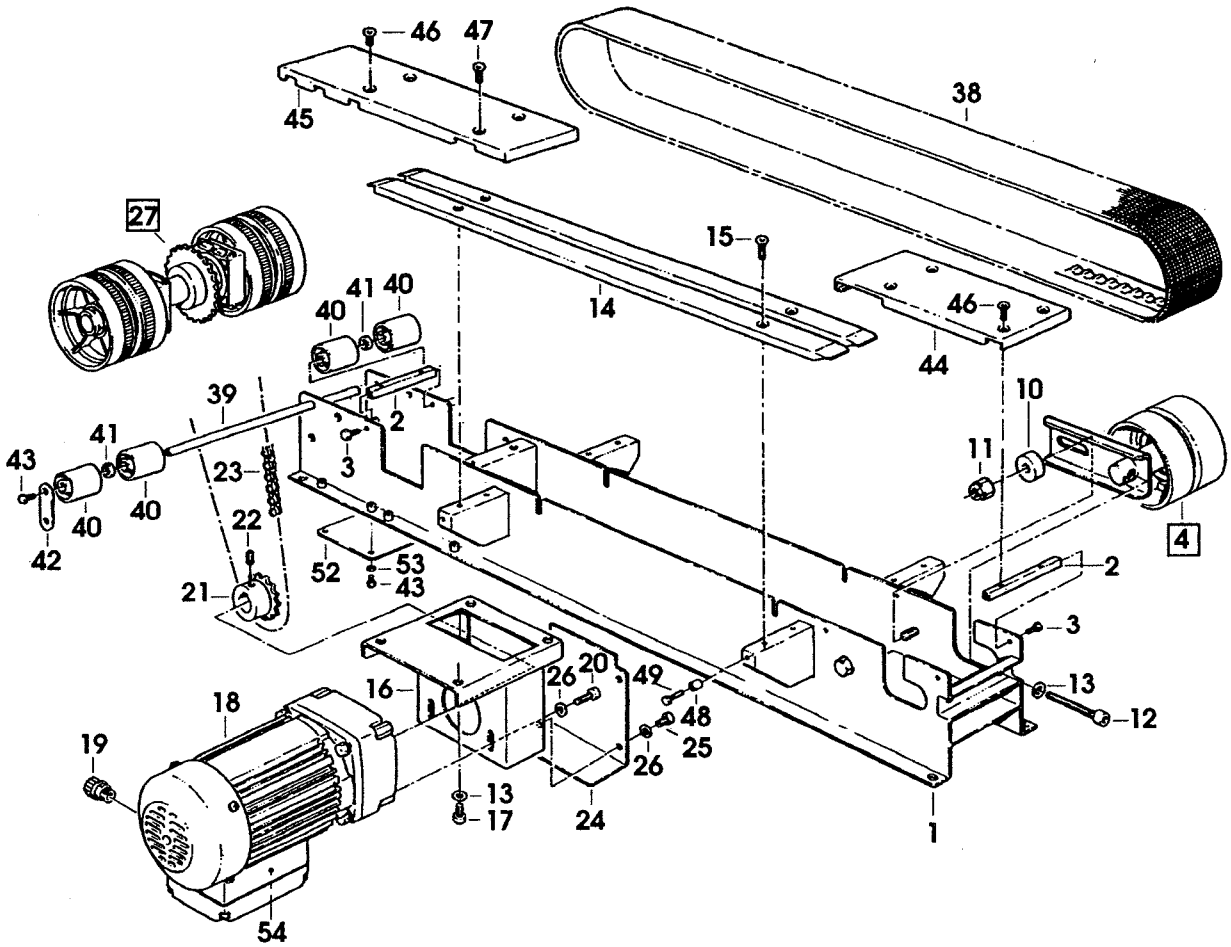

Figure 2804/1 of 2

Figure 2804 (Page 1 of 2)

Ref. No.	3M Part No.	Description
2804-1	78-8070-1580-1	Frame – Drive
2804-2	78-8070-1514-0	Spacer
2804-3	26-1003-5829-5	Screw – Hex Hd M6 x 12
2804-4	78-8070-1516-5	Belt – Tensioning Assembly
2804-5	78-8070-1517-3	Belt – Tensioning
2804-6	78-8052-6710-7	Roller – Idler
2804-7	78-8052-6709-9	Washer – Special
2804-8	78-8010-7435-8	Washer – Lock M6
2804-9	26-1003-7957-2	Screw – Soc Hd Hex Hd M6 x 16
2804-10	78-8070-1518-1	Spacer – Shaft
2804-11	26-1003-6918-5	Nut – Plastic Insert Hex Flange M10
2804-12	78-8070-1519-9	Screw – Soc Hd Hex Hd M8 x 70
2804-13	78-8017-9318-9	Washer – Plain 8 mm
2804-14	78-8070-1520-7	Guide – Drive Belt
2804-15	26-1005-4758-2	Screw – Flat Hd M5 x 20
2804-16	78-8070-1521-5	Support – Gearbox
2804-17	26-1003-7964-8	Screw – Soc Hd Hex Soc Dr, M8 x 20
2804-18	78-8070-1522-3	Gearmotor – 115V, 60HZ
2804-19	78-8057-5807-1	Cord Grip
2804-20	78-8070-1523-1	Screw – 1/4-28 x 1/2 SHCS
2804-21	78-8070-1524-9	Sprocket – 3/8" Z=17
2804-22	78-8023-2479-4	Screw – Set W/End Cup M6 x 10
2804-23	78-8070-1525-6	Chain – 3/8" P=54
2804-24	78-8070-1526-4	Cover – Chain
2804-25	78-8010-7209-7	Screw – Soc Hd M6 x 12
2804-26	26-1000-0010-3	Washer – Flat M6
2804-27	78-8070-1527-2	Shaft With Drive Pulleys
2804-28	78-8070-1528-0	Shaft – Gear Box
2804-29	78-8057-5811-3	Key – 6 x 6 x 20 mm
2804-30	78-8054-8986-7	Sprocket – 3/8" Pitch, 28 Teeth

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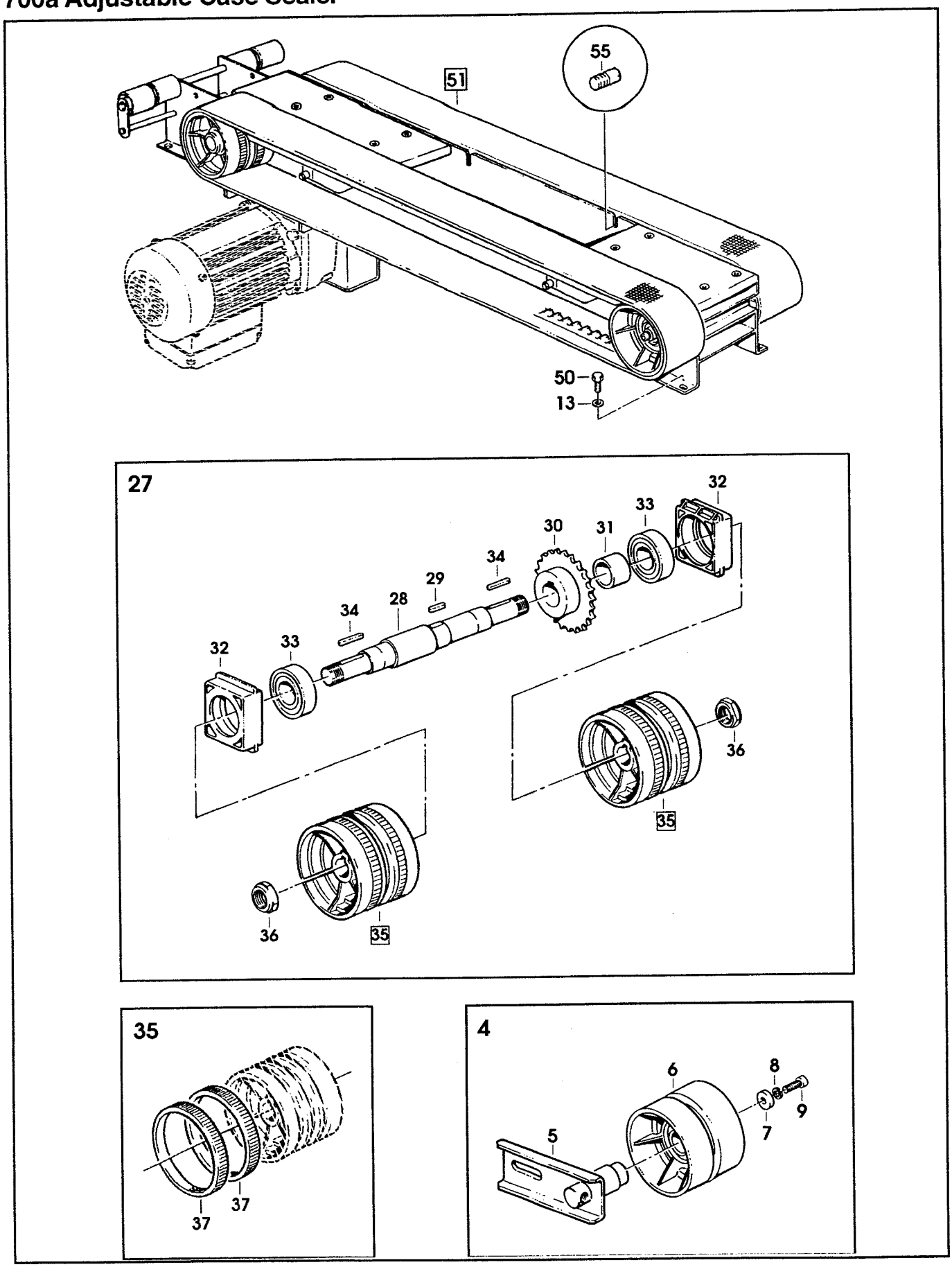
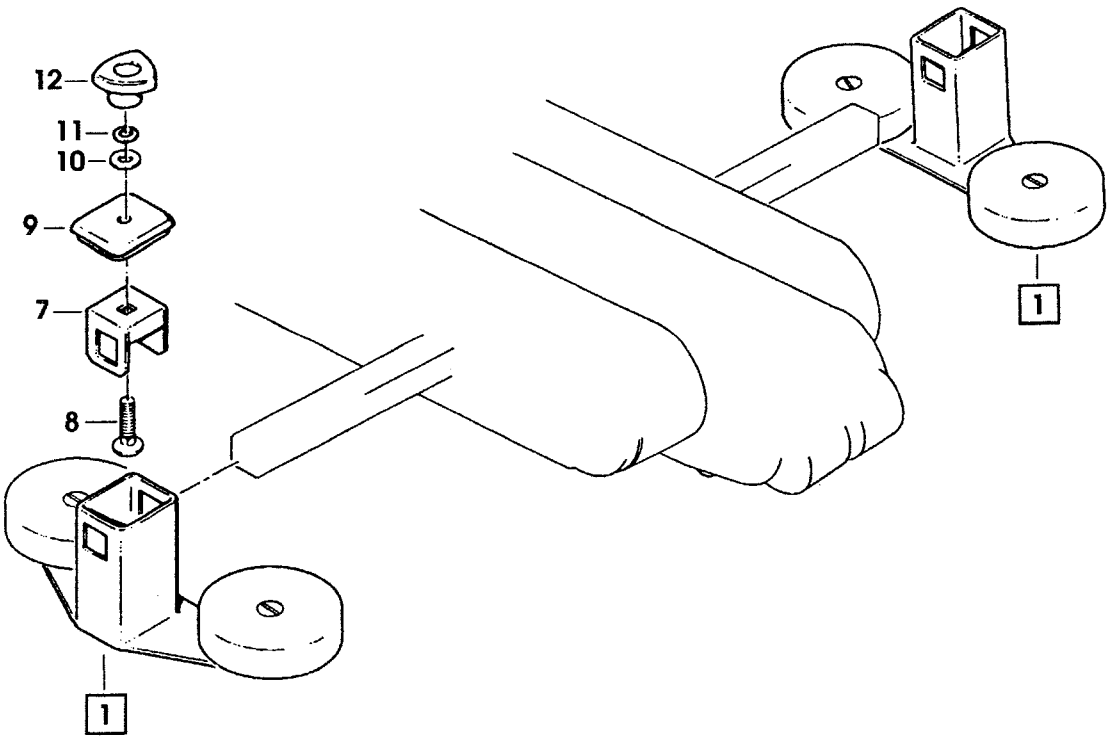


Figure 2804/2 of 2

Figure 2804 (Page 2 of 2)

Ref. No.	3M Part No.	Description
2804-31	78-8054-8984-2	Bushing
2804-32	78-8070-1529-8	Support – Shaft
2804-33	78-8070-1530-6	Bearing – 6205-2RS
2804-34	78-8057-5739-6	Key – M5 x 5 x 30 mm
2804-35	78-8076-5105-0	Drive Pulley Assembly
2804-36	78-8060-8416-2	Nut – Special M20 x 1
2804-37	78-8052-6713-1	Ring – Polyurethane
2804-38	78-8070-1531-4	Belt – Drive With Hook
2804-39	78-8070-1581-9	Shaft – Roller
2804-40	78-8060-7693-7	Roller – 32 x 38
2804-41	78-8070-1582-7	Spacer – Roller
2804-42	78-8070-1583-5	Plate – Drive
2804-43	26-1003-5820-4	Screw – Hex Hd M5 x 12
2804-44	78-8070-1584-3	Cover – Drive, Front
2804-45	78-8070-1585-0	Cover – Drive, Rear
2804-46	26-0001-5862-1	Screw – Flat Hd Soc M5 x 12
2804-47	26-1005-5316-8	Screw — Flat Hd Hex Dr M5 x 16
2804-48	78-8070-1534-8	Stud – Side Plate
2804-49	78-8060-8488-1	Screw – Hex Hd M5 x 20
2804-50	26-1003-5841-0	Screw – M8 x 16
2804-51	78-8070-1586-8	Bottom Drive Assembly
2804-52	78-8076-4562-3	Cover – Bottom
2804-53	78-8005-5741-1	Washer – Plain M5
2804-54	26-1011-8828-7	Capacitor – 115V Gearmotor
2804-55	78-8076-4500-3	Stud – Mounting



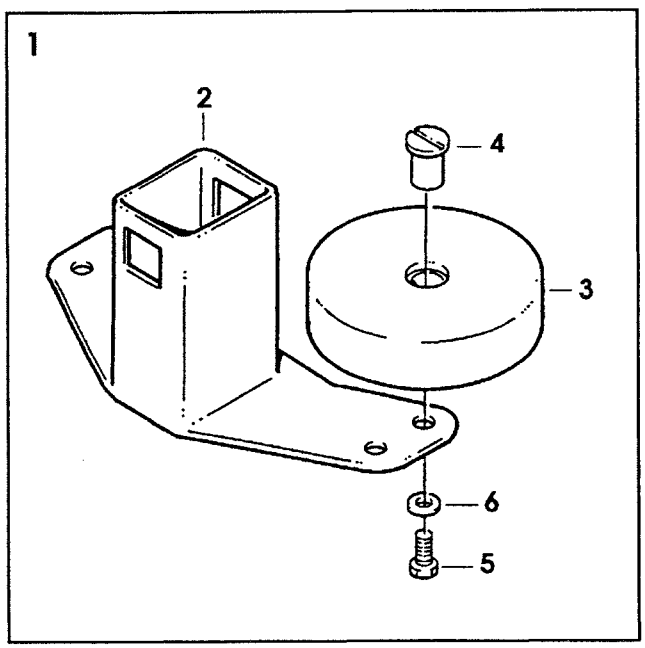


Figure 2806

Figure 2806

Ref. No.	3M Part No.	Description
2806-1	78-8100-0863-7	Compression Roller Assembly
2806-2	78-8100-0864-5	Support – Compression Roller
2806-3	78-8076-4628-2	Roller – Compression
2806-4	78-8076-4629-0	Shaft – Roller
2806-5	26-1003-5841-0	Screw – M8 x 16
2806-6	78-8017-9318-9	Washer – Plain 8 mm
2806-7	78-8076-4630-8	Plate – Tube, Roller
2806-8	78-8076-4631-6	Screw – M10 x 35
2806-9	78-8076-4632-4	Cap – Support
2806-10	78-8017-9074-8	Washer – Nylon 15 mm
2806-11	78-8052-6566-3	Washer – Friction
2806-12	78-8070-1549-6	Knob – VTR-B-M10

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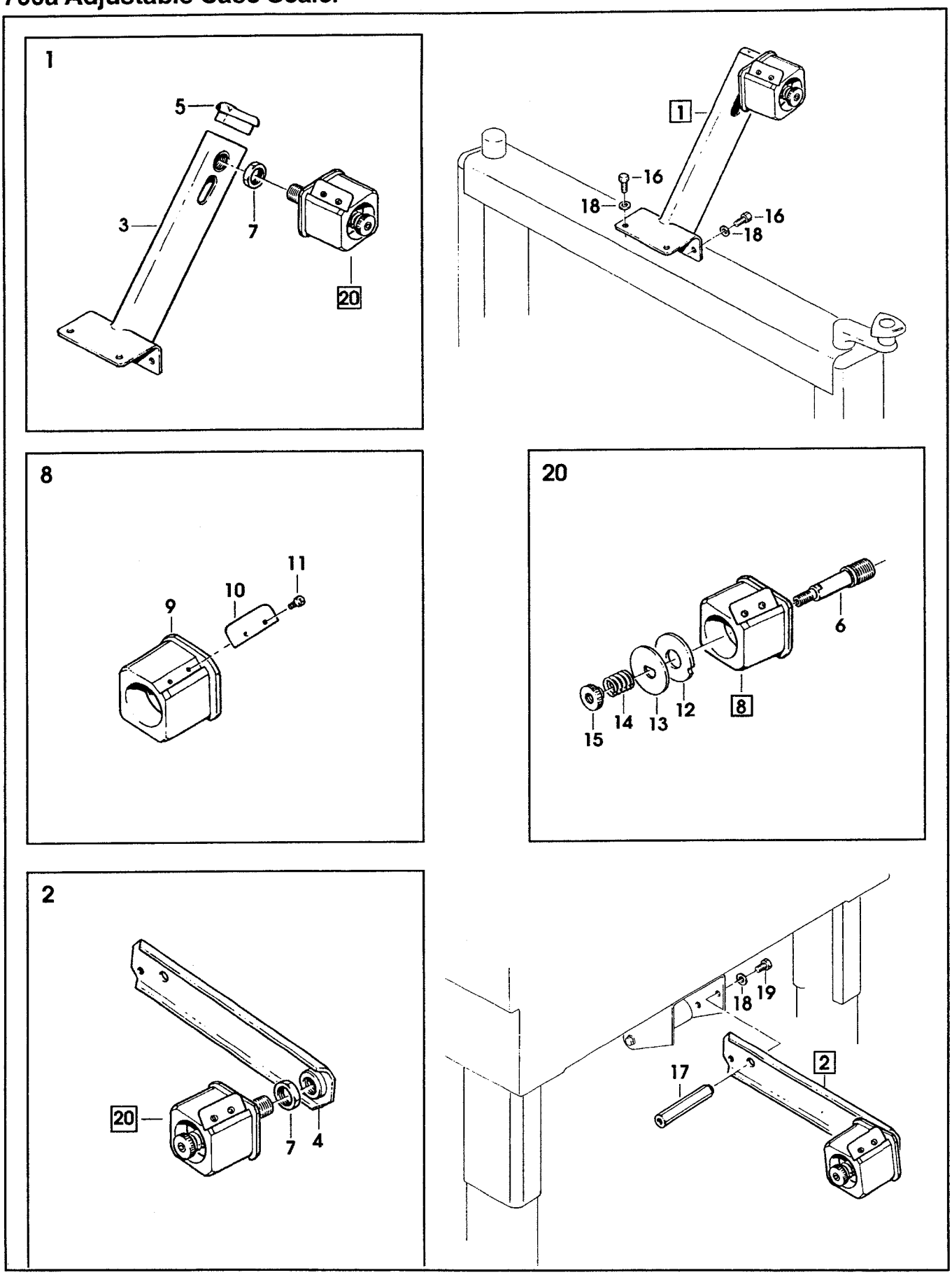

Figure 2807

Figure 2807

Ref. No.	3M Part No.	Description
2807-1	78-8076-4633-2	Tape Roll Bracket Assembly
2807-2	78-8070-1565-2	Tape Drum Bracket Assembly
2807-3	78-8070-1566-0	Bracket – Tape Drum
2807-4	78-8070-1395-4	Bracket – Bushing Assembly
2807-5	78-8070-1568-6	Cap – Bracket
2807-6	78-8076-4519-3	Shaft – Tape Drum
2807-7	78-8017-9169-6	Nut – M18 x 1
2807-8	78-8070-1569-4	Tape Drum Assembly
2807-9	78-8052-6749-5	Tape Drum
2807-10	78-8052-6268-6	Leaf Spring
2807-11	26-1002-5753-9	Screw – Self Tapping
2807-12	78-8060-8172-1	Washer – Friction
2807-13	78-8052-6271-0	Washer – Tape Drum
2807-14	78-8054-8826-5	Spring
2807-15	78-8060-7851-1	Ring Nut – Adjusting
2807-16	78-8032-0375-7	Screw – Hex Hd M6 x 16
2807-17	78-8070-1215-4	Spacer – Stud
2807-18	26-1000-0010-3	Washer – Flat M6
2807-19	78-8010-7169-3	Screw – Hex Hd M6 x12
2807-20	78-8060-8474-1	Tape Drum Assembly – 2 Inch Head

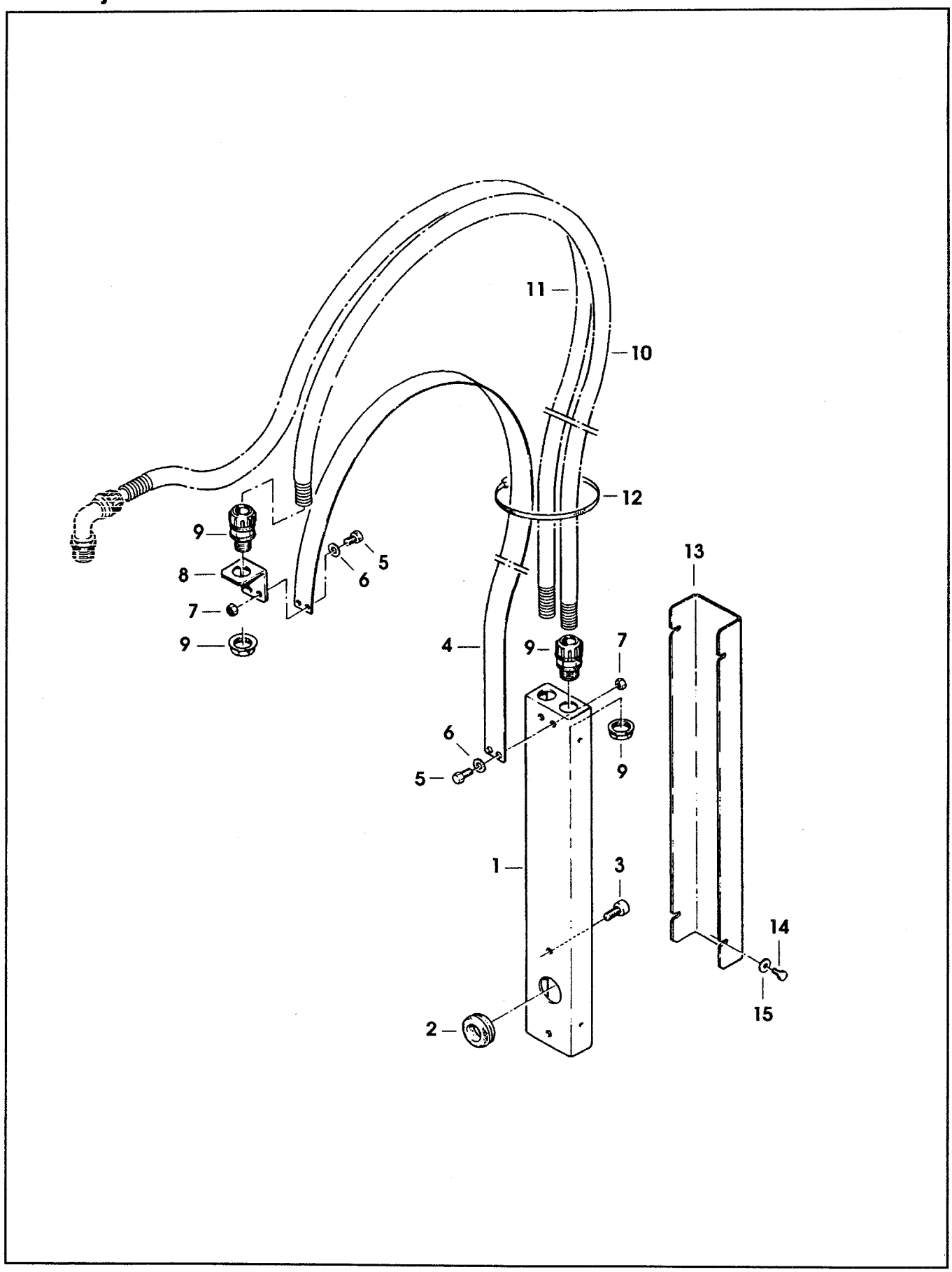

Figure 2808

Figure 2808

Ref. No.	3M Part No.	Description
2808-1	78-8091-0660-8	Housing – Wire
2808-2	78-8076-4702-5	Grommet – /28
2808-3	26-1003-7963-0	Screw – Soc Hd M8 x 16
2808-4	78-8076-4636-5	Strap – Wire
2808-5	78-8010-7163-6	Screw – Hex Hd M5 x 10
2808-6	78-8005-5741-1	Washer – Plain M5
2808-7	78-8010-7417-6	Nut – Hex M5
2808-8	78-8076-4637-3	Plate – Strap
2808-9	78-8076-4638-1	Union PG13,5
2808-10	78-8076-4639-9	Sleeving – Wire
2808-11	78-8076-4640-7	Sleeving – Wire
2808-12	78-8060-8029-3	Clamp – 140 x 3,5
2808-13	78-8076-4641-5	Cover
2808-14	78-8010-7157-8	Screw – Hex Hd M4 x 10
2808-15	78-8017-9018-5	Washer – Plain M4

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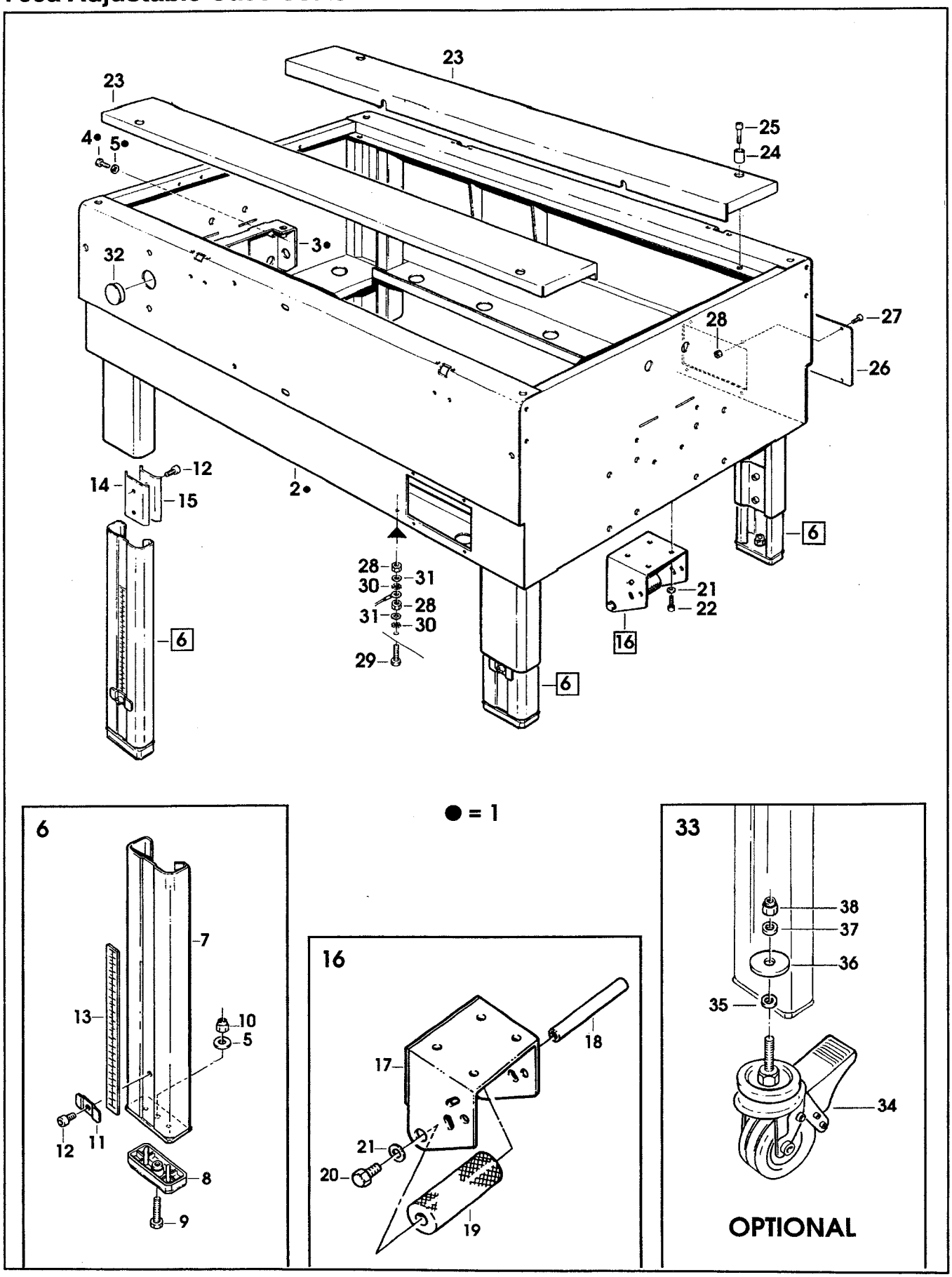

Figure 3433

Figure 3433

Ref. No.	3M Part No.	Description
3433-1	78-8091-0309-2	Conveyor Bed Assembly
3433-2	78-8091-0310-0	Bed – Conveyor
3433-3	78-8091-0307-6	Support – Drive
3433-4	26-1003-5842-8	Screw – Hex Hd M8 x 20
3433-5	78-8017-9318-9	Washer – Plain 8 mm
3433-6	78-8076-5381-7	Leg Assembly – Inner W/Stop
3433-7	78-8076-5382-5	Leg – Inner
3433-8	78-8060-8480-8	Pad – Foot
3433-9	78-8055-0867-4	Screw – Hex Hd M8 x 30
3433-10	78-8017-9313-0	Nut – Self Locking M8
3433-11	78-8076-5383-3	Stop – Leg
3433-12	26-1003-7963-0	Screw – Soc Hd M8 x 16
3433-13	78-8060-8481-6	Label – Height
3433-14	78-8052-6677-8	Clamp – Inner
3433-15	78-8052-6676-0	Clamp – Outer
3433-16	78-8076-5392-4	Support – Tape Drum
3433-17	78-8060-8483-2	Support – Outboard Roll
3433-18	78-8060-8484-0	Shaft – Roller
3433-19	78-8060-8485-7	Roller
3433-20	78-8032-0375-7	Screw – Hex Hd M6 x 16
3433-21	26-1000-0010-3	Washer – Flat M6
3433-22	26-1003-7957-2	Screw – Soc Hd M6 x 16
3433-23	78-8076-4620-9	Plane – Conveyor Bed
3433-24	78-8060-8486-5	Bushing
3433-25	78-8010-7211-3	Screw – Soc Hd M6 x 25
3433-26	78-8060-8487-3	Cover – Switch
3433-27	78-8060-8087-1	Screw – M5 x 10
3433-28	78-8010-7417-6	Nut – Hex M5
3433-29	78-8060-8488-1	Screw – Hex Hd M5 x 20
3433-30	78-8046-8217-3	Washer – Special
3433-31	78-8005-5741-1	Washer – Plain M5
3433-32	78-8076-4701-7	Cap
3433-33	78-8060-8060-8	Caster Assembly
3433-34	78-8060-8061-6	Caster
3433-35	78-8060-8124-2	Spacer – Caster
3433-36	78-8060-7699-4	Washer – 12-45, 5 x 4
3433-37	78-8017-9059-9	Washer – Flat M12
3433-38	78-8060-7532-7	Nut – Self Locking M12

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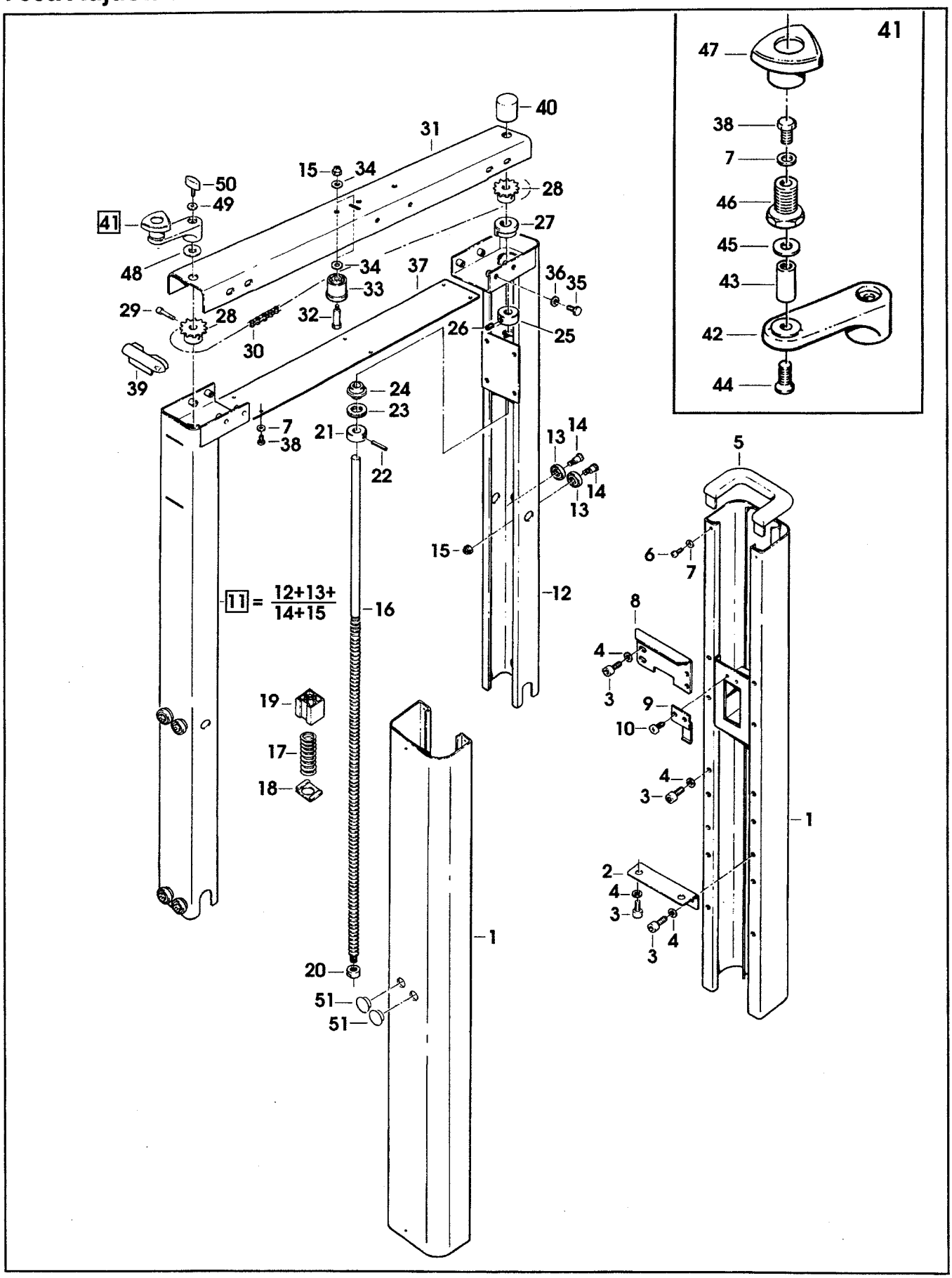


Figure 3434

Figure 3434

Ref. No.	3M Part No.	Description
3434-1	78-8060-8489-9	Column – Outer
3434-2	78-8060-8490-7	Plate – Column Mounting
3434-3	26-1003-7964-8	Screw – Soc Hd Hex Soc Dr, M8 x 20
3434-4	78-8017-9318-9	Washer – Plain 8 mm
3434-5	78-8060-8491-5	Cap – Column
3434-6	26-1002-4955-1	Screw – Self Tap 8P x 13
3434-7	78-8005-5740-3	Washer – Plain 4 mm
3434-8	78-8060-8492-3	Stop – Height
3434-9	78-8076-5482-3	Plate – Nut Stop
3434-10	78-8060-8087-1	Screw – M5 x 10
3434-11	78-8060-8494-9	Column Assembly – Inner
3434-12	78-8060-8495-6	Column – Inner
3434-13	78-8054-8617-8	Bearing – Special
3434-14	78-8054-8589-9	Screw – Special
3434-15	26-1003-6916-9	Nut – Locking, Plastic Insert M6
3434-16	78-8060-8496-4	Lead Screw
3434-17	78-8054-8997-4	Spring
3434-18	78-8054-8970-1	Bed Plate – Spring
3434-19	78-8054-8571-7	Nut – Plastic
3434-20	78-8054-8968-5	Nut – Special
3434-21	78-8054-8585-7	Collar
3434-22	78-8054-8586-5	Pin
3434-23	78-8054-8584-0	Spacer
3434-24	78-8054-8583-2	Bushing
3434-25	78-8060-8497-2	Bushing – Lead Screw
3434-26	78-8059-5617-0	Set Screw – M6 x 8
3434-27	78-8060-8498-0	Bushing – Inner Column
3434-28	78-8060-8499-8	Sprocket – 3/8" Z = 13
3434-29	78-8070-1500-9	Screw – Soc Hd M4 x 25
3434-30	78-8070-1501-7	Chain – 3/8" P = 156
3434-31	78-8070-1502-5	Housing – Chain
3434-32	78-8060-7878-4	Idler Screw
3434-33	78-8070-1503-3	Roller – Chain Tensioning
3434-34	78-8042-2919-9	Washer – Triple M6
3434-35	26-1003-5829-5	Screw – Hex Hd M6 x 12
3434-36	26-1000-0010-3	Washer – Flat M6
3434-37	78-8070-1504-1	Cover
3434-38	78-8010-7157-8	Screw – Hex Hd M4 x 10
3434-39	78-8070-1505-8	Cap – Inner Column
3434-40	78-8070-1506-6	Cover – Screw
3434-41	78-8076-4807-2	Crank Assembly
3434-42	78-8076-5422-9	Crank
3434-43	78-8070-1509-0	Shaft – Crank
3434-44	26-1005-5316-8	Screw – Flat Hd Hex Dr M5 x 16
3434-45	78-8070-1510-8	Washer – Nylon
3434-46	78-8070-1511-6	Bushing
3434-47	78-8070-1512-4	Knob – VTR-B-M12
3434-48	78-8076-4800-7	Washer – Crank
3434-49	78-8076-4809-8	Washer – Crank
3434-50	78-8076-4821-3	Key – Stop
3434-51	78-8054-8821-6	End Cap

700a Adjustable Case Sealer

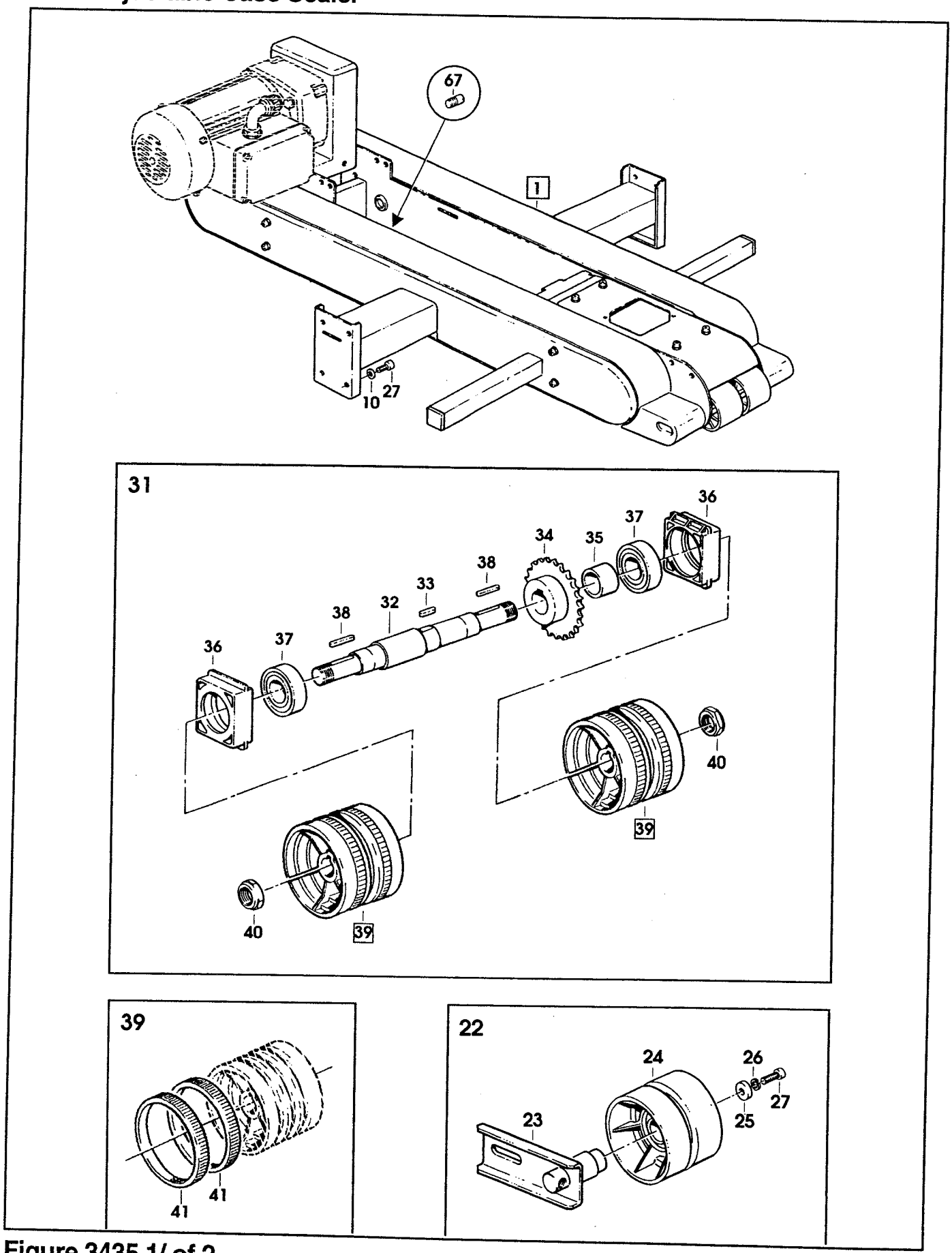
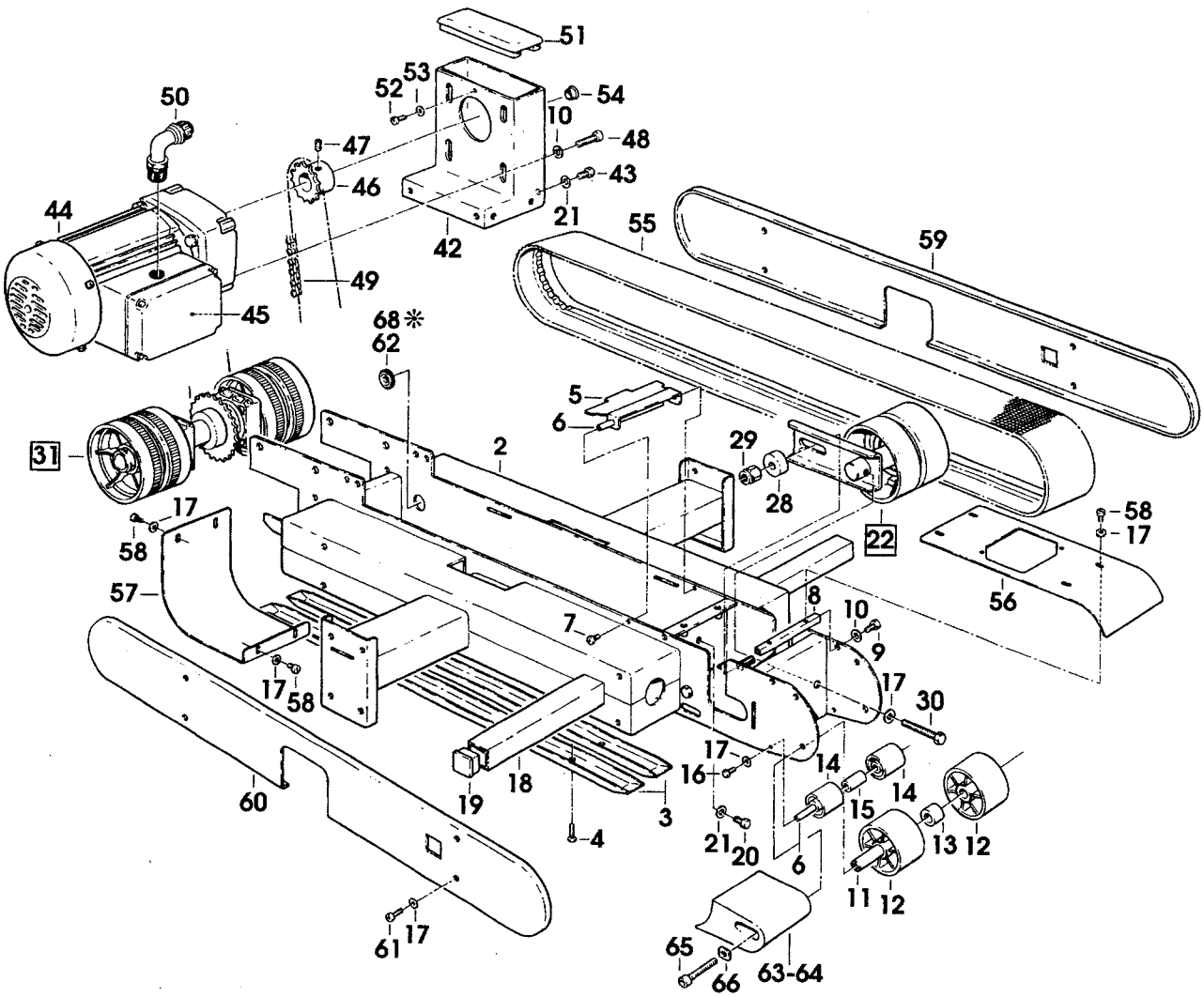


Figure 3435 1/ of 2

Figure 3435 (Page 1 of 2)

Ref. No.	3M Part No.	Description
3435-1	78-8091-0318-3	Upper Drive Assembly – W /O Motor
3435-2	78-8070-1588-4	Frame – Drive, Upper
3435-3	78-8070-1520-7	Guide – Drive Belt
3435-4	26-1005-4757-4	Screw – Flat Hd M5 x 20
3435-5	78-8070-1589-2	Clamp – Upper Head
3435-6	78-8070-1590-0	Shaft – Roller
3435-7	26-1003-7948-1	Screw – Soc Hd M5 x 10
3435-8	78-8070-1514-0	Spacer
3435-9	78-8010-7169-3	Screw – Hex Hd M6 x 12
3435-10	26-1000-0010-3	Washer – Flat M6
3435-11	78-8100-0867-8	Shaft – Roller
3435-12	78-8052-6641-4	Roller
3435-13	78-8070-1592-6	Spacer – Roller
3435-14	78-8060-7693-7	Roller
3435-15	78-8070-1593-4	Spacer – Roller
3435-16	26-1003-5820-4	Screw – Hex Hd M5 x 12
3435-17	78-8005-5741-1	Washer – Plain M5
3435-18	78-8070-1599-1	Tube – Compression Roller
3435-19	78-8052-6652-1	Cap – End
3435-20	26-1003-5841-0	Screw – M8 x 16
3435-21	78-8017-9318-9	Washer – Plain 8 mm
3435-22	78-8070-1516-5	Belt Tensioning Assembly
3435-23	78-8070-1517-3	Belt Tensioning
3435-24	78-8052-6710-7	Roller – Idler
3435-25	78-8052-6709-9	Washer – Special
3435-26	78-8010-7435-8	Washer – Lock M6
3435-27	26-1003-7957-2	Screw – Soc Hd M6 x 16
3435-28	78-8070-1518-1	Spacer – Shaft
3435-29	26-1003-6918-5	Nut – Hex Plastic Insert M10
3435-30	78-8070-1594-2	Screw – Hex Hd M8 x 60
3435-31	78-8070-1527-2	Shaft – With Drive Pulleys
3435-32	78-8070-1528-0	Shaft – Gearbox
3435-33	78-8057-5811-3	Key – 6 x 6 x 20 mm
3435-34	78-8054-8986-7	Sprocket – 3/8" Pitch 28 Teeth

700a Adjustable Case Sealer



* From Serial Number **4158**

Figure 3435 2/ of 2

Figure 3435 (Page 2 of 2)

Ref. No.	3M Part No.	Description
3435-35	78-8054-8984-2	Bushing
3435-36	78-8070-1529-8	Support – Shaft
3435-37	78-8070-1530-6	Bearing – 6205-2RS
3435-38	78-8057-5739-6	Key – M5 x 5 x 30 mm
3435-39	78-8076-5105-0	Pulley Assembly – Drive
3435-40	78-8060-8416-2	Nut – Special M20 x 1
3435-41	78-8052-6713-1	Ring – Polyurethane
3435-42	78-8070-1595-9	Support – Drive
3435-43	26-1003-5842-8	Screw – Hex Hd M8 x 20
3435-44	78-8070-1522-3	Gearmotor – 115V 60Hz
3435-45	78-8076-4515-1	Capacitor – 115V Gearmotor
3435-46	78-8070-1524-9	Sprocket – 3/8" Z=17
3435-47	78-8023-2479-4	Set Screw – W/End Cup M6 x 10
3435-48	78-8070-1523-1	Screw – Soc Hd 1/4-28 x 1/2
3435-49	78-8070-1597-5	Chain – 3/8" P=62
3435-50	78-8070-1596-7	Union – Elbow
3435-51	78-8070-1598-3	Cover
3435-52	26-1002-4955-1	Screw – Self Tap 8P x 13
3435-53	78-8005-5740-3	Washer – Plain 4 mm
3435-54	78-8054-8821-6	Cap – End
3435-55	78-8070-1531-4	Belt – Drive With Hook
3435-56	78-8076-4621-7	Cover – Front Upper
3435-57	78-8076-4622-5	Cover – Rear Upper
3435-58	78-8060-8087-1	Screw – M5 x 10
3435-59	78-8076-4623-3	Cover – Upper Right
3435-60	78-8076-4624-1	Cover – Upper Left
3435-61	78-8076-4625-8	Screw – Special M5 x 16
3435-62	78-8060-7758-8	Fairlead
3435-63	78-8076-4685-2	Cover – Top Right
3435-64	78-8076-4684-5	Cover – Top Left
3435-65	78-8076-5478-1	Screw – Hex Hd Soc Hd M8 x 80
3435-66	78-8091-0355-5	Washer – Special
3435-67	78-8076-4500-3	Stud – Mounting
3435-68	78-8076-4702-5	Grommet – /28

700a Adjustable Case Sealer

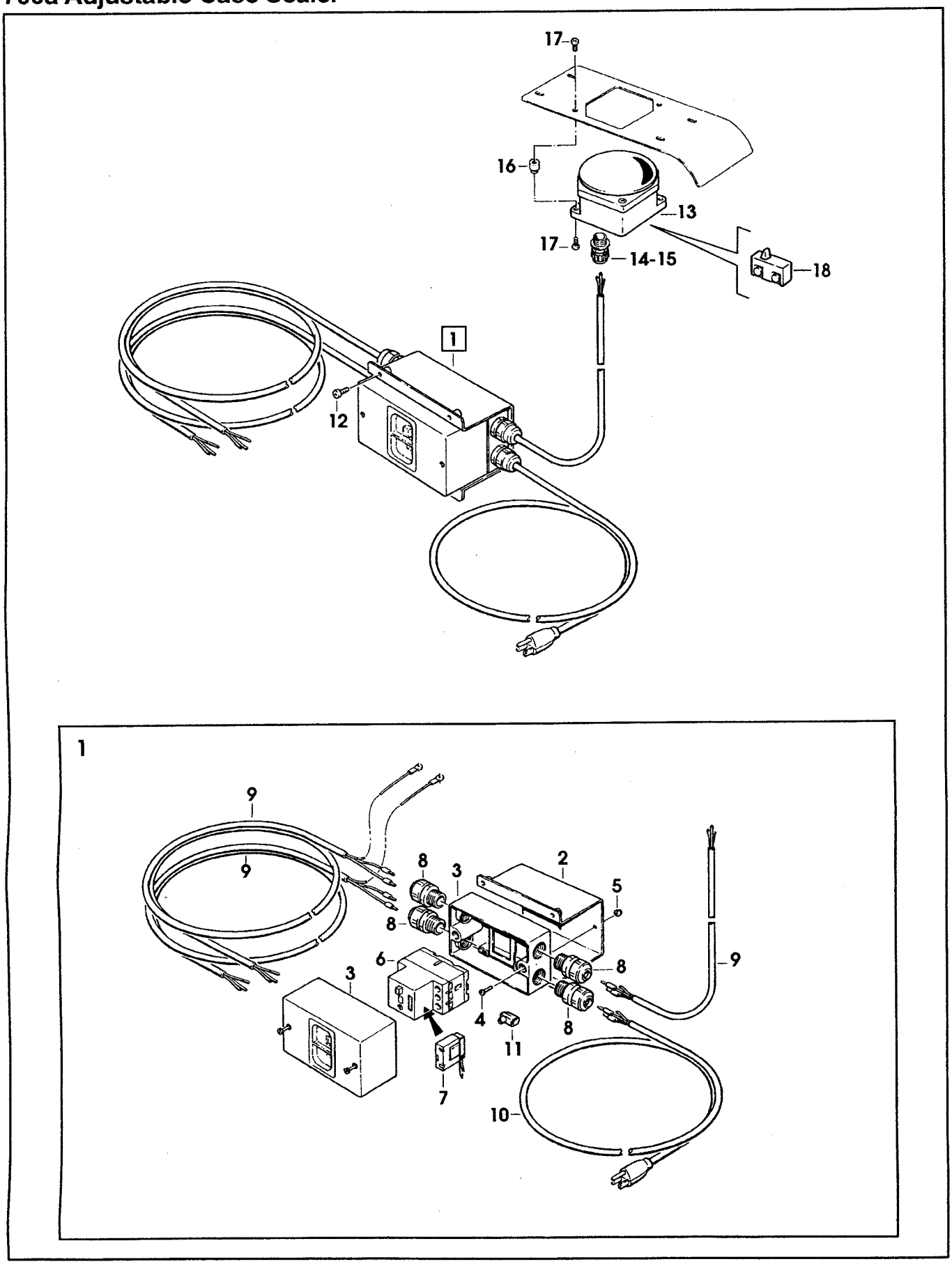


Figure 3436

Figure 3436

Ref. No.	3M Part No.	Description
3436-1	78-8091-0311-8	Switch – On / Off, W/ Support
3436-2	78-8070-1572-8	Support – Switch
3436-3	78-8076-4879-1	Box – On/Off Switch
3436-4	26-1003-5707-3	Screw – Phillips Dr M4 x 16
3436-5	26-1003-6914-4	Nut – Plastic Insert M4
3436-6	78-8091-0312-6	Switch – On/Off, W/Coil 4-6A
3436-7	78-8076-4878-3	Coil – Low Tension 110-120-127V
3436-8	78-8057-5807-1	Cord Grip
3436-9	78-8060-8053-3	Wire – 3 Pole x 5 m Lg
3436-10	78-8028-7909-4	Power Cord – U.S.A.
3436-11	78-8076-4602-7	Terminal
3436-12	78-8060-8087-1	Screw – M5 x 10
3436-13	78-8060-7633-3	Safety Button
3436-14	78-8076-4532-6	Union
3436-15	78-8076-4645-6	Lock Nut – GMP11
3436-16	78-8076-4646-4	Bushing
3436-17	78-8060-7815-6	Screw – M4 x 8
3436-18	26-1011-8527-5	Contact Block – E-Stop, normally closed, S&S V-40

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Replacement Parts – Illustrations and Parts Lists
Taping Head Assemblies – 2 Inch, Upper and Lower

1. Refer to **Taping Head Assemblies** Figure to find all the parts illustrations identified by **figure numbers.**

2. Refer to the **Figure or Figures** to determine the **individual parts** required and the **parts reference number.**

3. The **replacement parts list,** that follows each illustration, includes the **part number** and **part description** for the parts in that illustration.

> **Note –** The complete description has been included for standard fasteners and some commercially available components. This has been done to allow obtaining these standard parts locally, should the customer elect to do so.

4. Refer to the first page of this instruction manual **"Replacement Parts and Service Information"** for replacement parts ordering information.

> **IMPORTANT**– Not all the parts listed are normally stocked items. Some parts or assemblies shown are available only on a special order basis. Contact 3M/Tape Dispenser Parts to confirm item availability.

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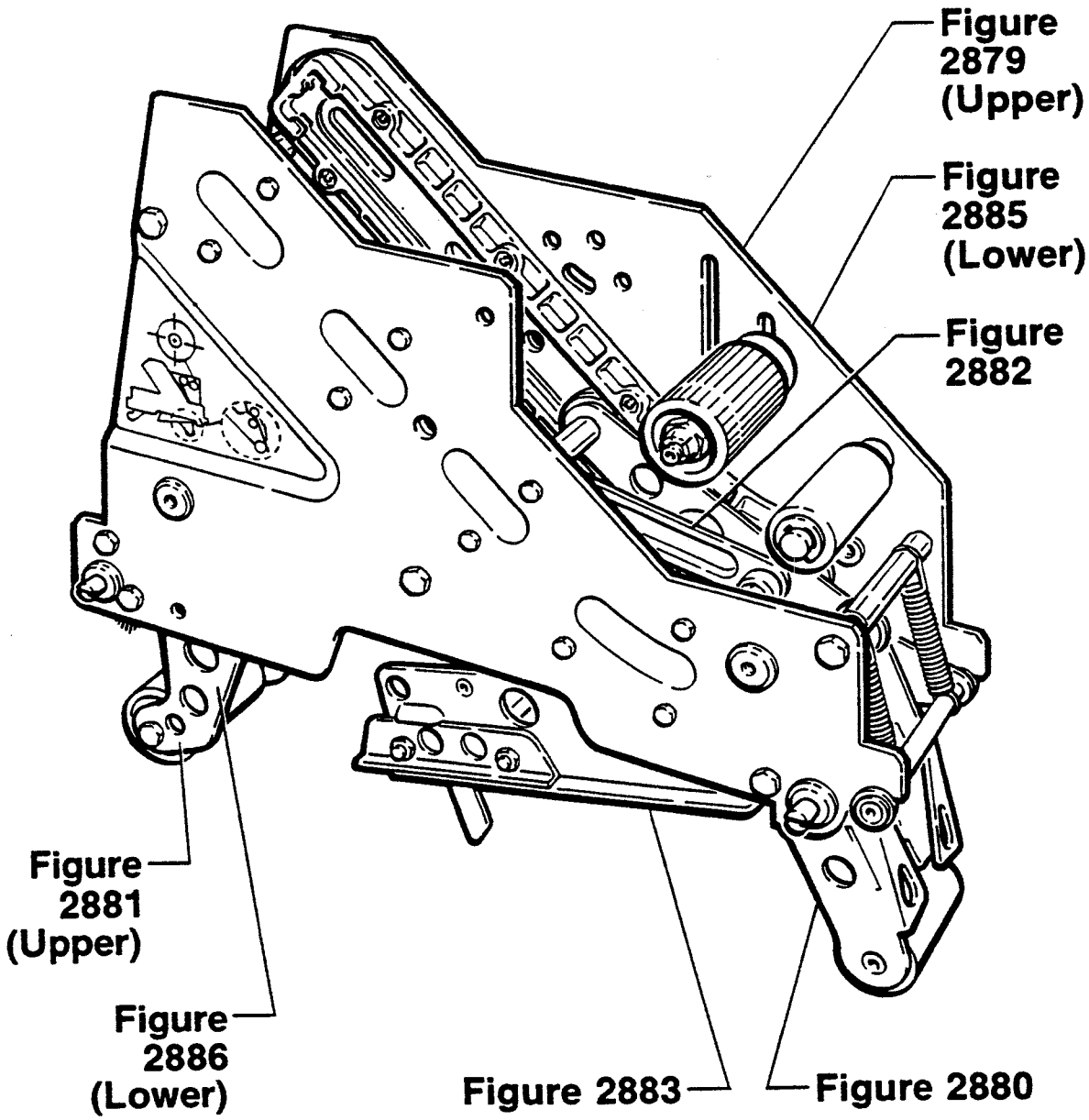
Taping Heads - 2 Inch, Upper and Lower



Taping Head Assemblies

Taping Head - 2 Inch

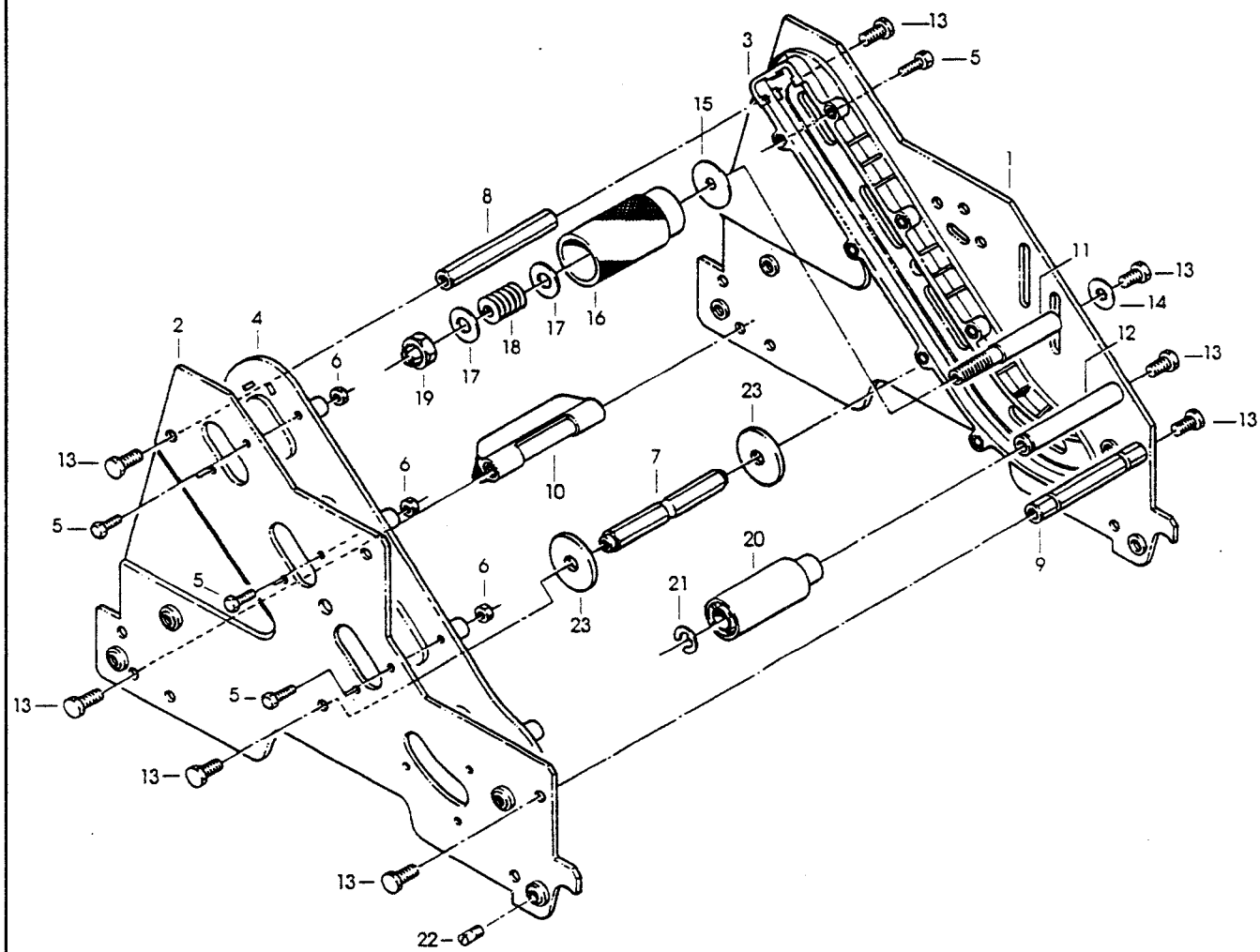


Figure 2879 Upper

Figure 2879 Upper

Ref. No.	3M Part No.	Description
2879-1	78-8070-1386-3	Frame – Tape Mount Upper Assembly
2879-2	78-8070-1387-1	Frame – Front Upper Assembly
2879-3	78-8068-4143-9	Guide – #1
2879-4	78-8068-4144-7	Guide – #2
2879-5	83-0002-7336-3	Screw – Hex Hd, M4 x 14
2879-6	78-8010-7416-8	Nut – Hex Jam, M4
2879-7	78-8070-1251-9	Spacer – Spring
2879-8	78-8052-6559-8	Spacer – Upper
2879-9	78-8052-6560-6	Spacer – Front
2879-10	78-8060-7936-0	Brush Assembly
2879-11	78-8052-6564-8	Shaft – Tension Roller
2879-12	78-8052-6568-9	Shaft – Wrap Roller
2879-13	26-1003-5829-5	Screw – Hex Hd, M6 x 12
2879-14	26-1000-0010-3	Washer – Plain, M6
2879-15	78-8070-1268-3	Washer – Roll Back Up
2879-16	78-8052-6565-5	Roller – Top Tension
2879-17	78-8052-6566-3	Washer – Friction
2879-18	78-8052-6567-1	Spring – Compression
2879-19	78-8017-9077-1	Nut – Self Locking, M10 x 1
2879-20	78-8052-6569-7	Roller – Wrap
2879-21	26-1000-1613-3	Ring – Retaining, Tru-Arc #1-420-0120-100
2879-22	78-8076-4500-3	Stud – Mounting
2879-23	78-8076-5242-1	Stop – Cut-Off Frame

Taping Head - 2 Inch

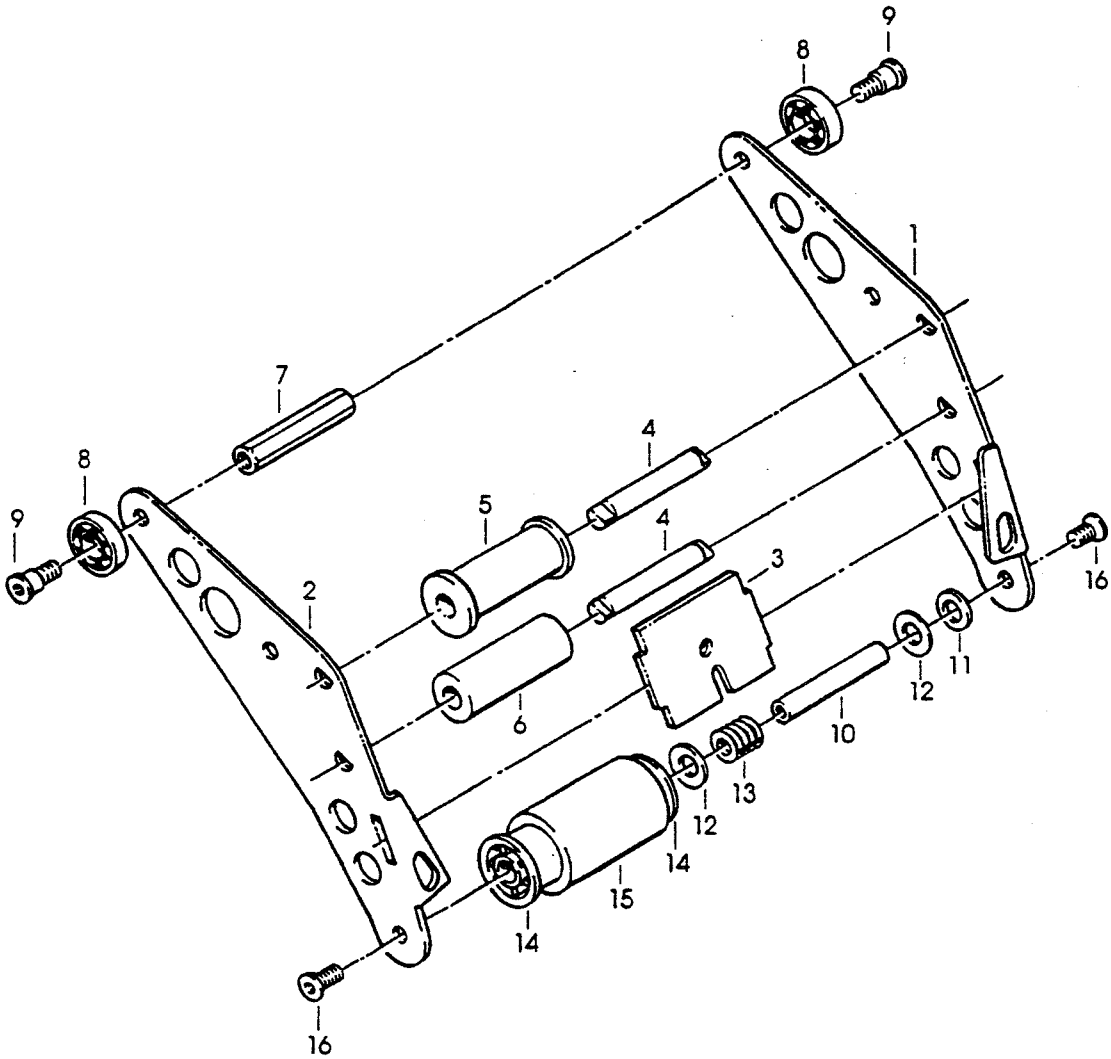


Figure 2880

Figure 2880

Ref. No.	3M Part No.	Description
2880-1	78-8070-1206-3	Applying Arm #1
2880-2	78-8070-1207-1	Applying Arm #2
2880-3	78-8070-1221-2	Plate – Tape
2880-4	78-8070-1309-5	Shaft Roller
2880-5	78-8070-1367-3	Roller – Knurled Assembly
2880-6	78-8070-1266-7	Roller – Wrap
2880-7	78-8052-6580-4	Spacer
2880-8	78-8017-9082-1	Bearing – Special, 30 mm
2880-9	78-8017-9106-8	Screw – Bearing Shoulder
2880-10	78-8052-6575-4	Shaft – Roller
2880-11	78-8017-9074-8	Washer – Nylon, 15 mm
2880-12	78-8052-6566-3	Washer – Friction
2880-13	78-8052-6567-1	Spring – Compression
2880-14	78-8060-8395-8	Bushing – Applying Roller
2880-15	78-8057-6179-4	Roller – Applying
2880-16	26-1005-4759-0	Screw – Flat Hd, M6 x 12

Taping Head - 2 Inch

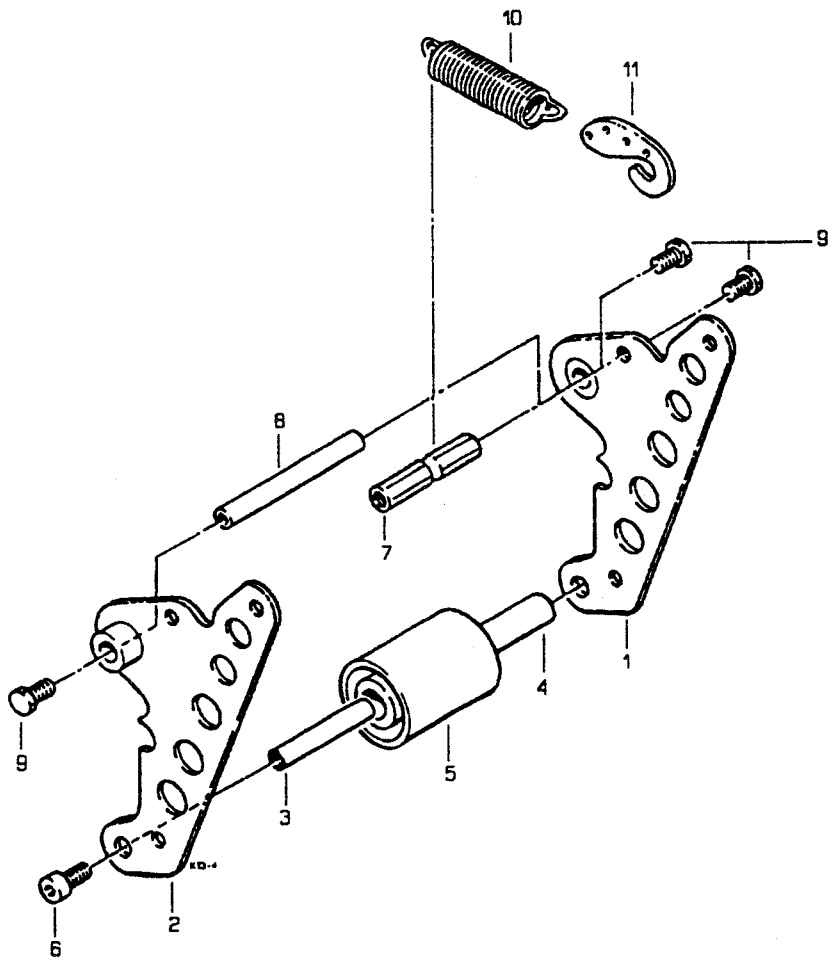


Figure 2881 Upper

Figure 2881 Upper

Ref. No.	3M Part No.	Description
2881-1	78-8070-1392-1	Buffing Arm – Sub Assembly
2881-2	78-8070-1391-3	Buffing Arm – Sub Assembly
2881-3	78-8052-6575-4	Shaft – Roller
2881-4	78-8052-6586-1	Bushing – Buffing Roller
2881-5	78-8057-6178-6	Roller – Buffing
2881-6	26-1003-5828-7	Screw – Hex Hd, M6 x 10
2881-7	78-8070-1220-4	Spacer – Spring
2881-8	78-8017-9109-2	Shaft – 10 x 90 mm
2881-9	26-1003-5829-5	Screw – Hex Hd, M6 x 12
2881-10	78-8070-1274-1	Spring – Upper (Silver)
2881-11	78-8070-1244-4	Holder – Spring

Taping Head - 2 Inch

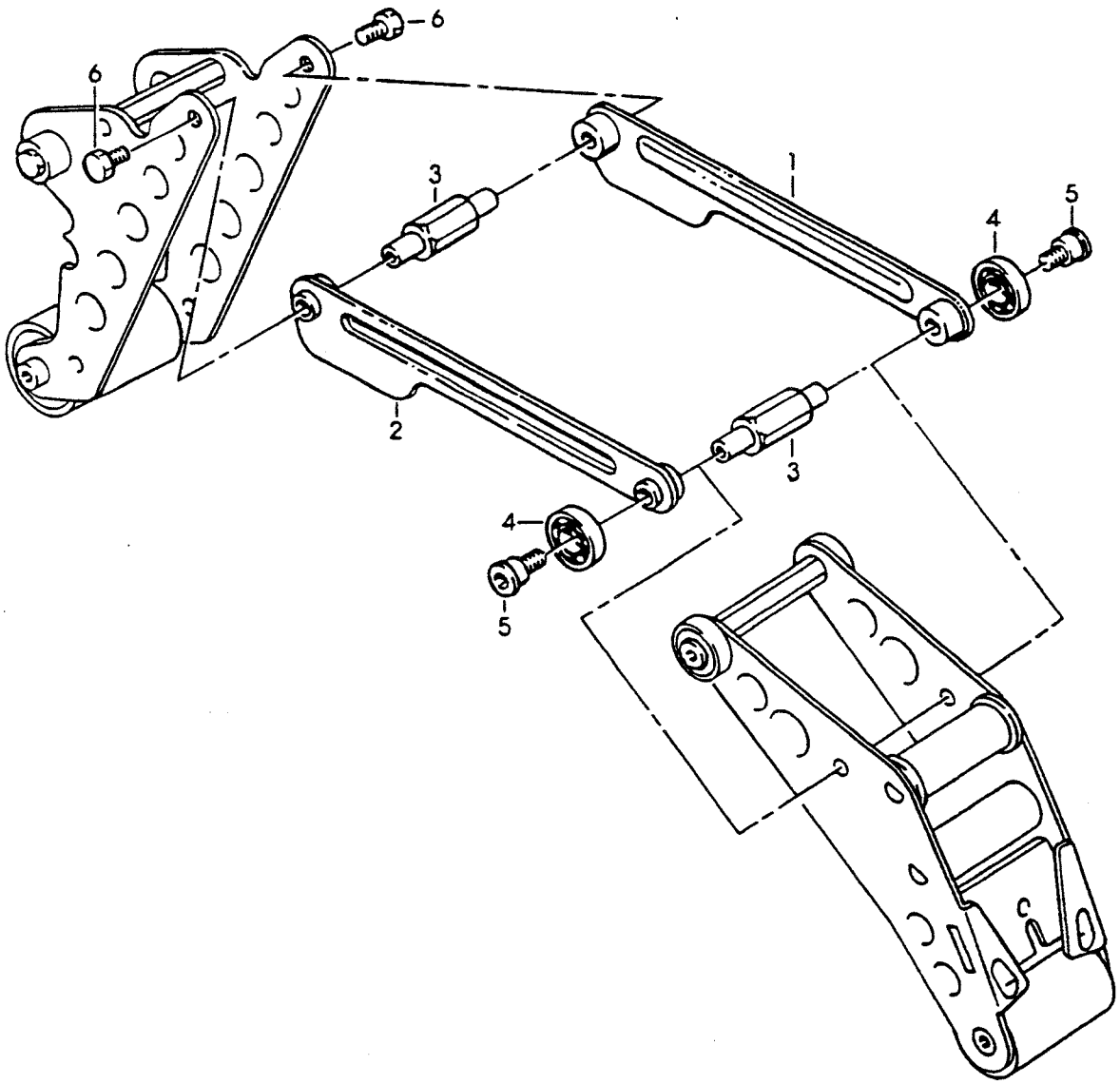


Figure 2882

Figure 2882

Ref. No.	3M Part No.	Description
2882-1	78-8070-1388-9	Link – Arm Bushing Assembly
2882-2	78-8070-1389-7	Link – Arm Bushing Assembly
2882-3	78-8070-1271-7	Shaft – Pivot
2882-4	78-8017-9082-1	Bearing – Special 30 mm
2882-5	78-8017-9106-8	Screw – Bearing Shoulder
2882-6	26-1003-5829-5	Screw – Hex Hd, M6 x 12

Taping Head - 2 Inch

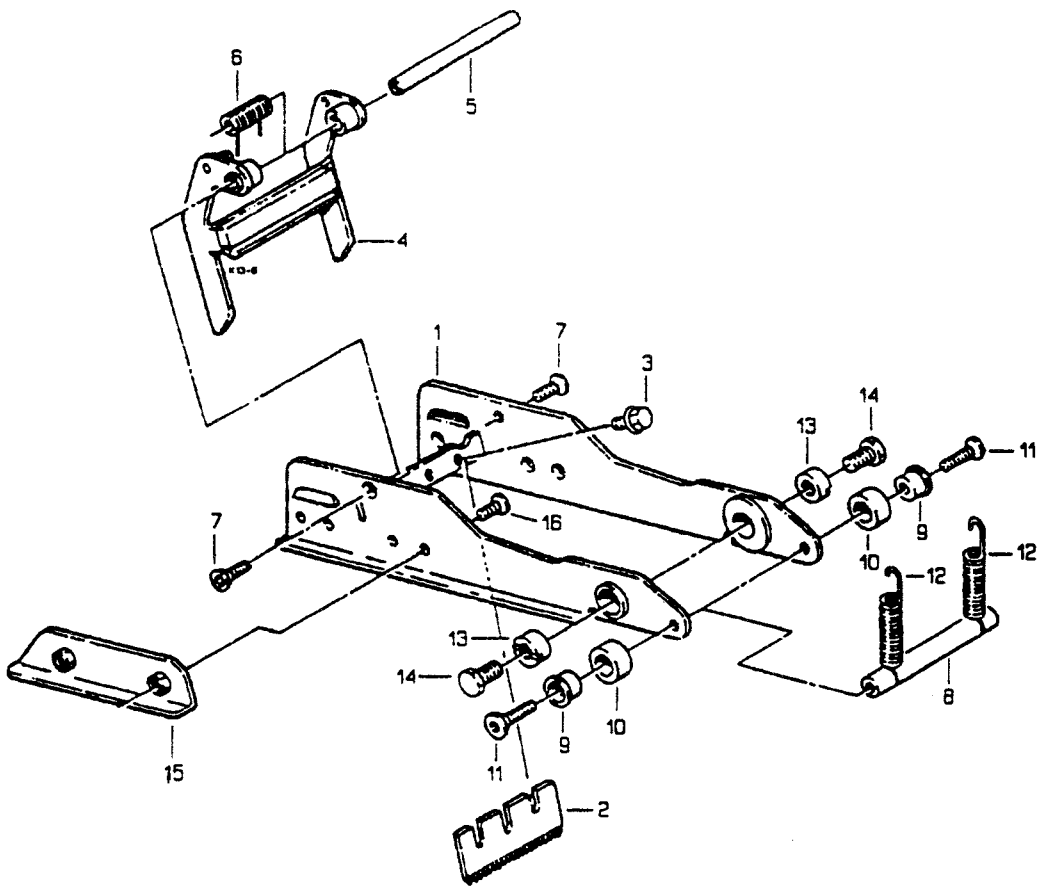


Figure 2883

Figure 2883

Ref. No.	3M Part No.	Description
2883-1	78-8070-1217-0	Frame – Cut-Off Weldment
2883-2	78-8017-9173-8	Blade – 65 mm/2.56 Inch
2883-3	26-1002-5817-2	Screw – Hex Hd, M5 x 8
2883-4	78-8070-1371-5	Guard – Blade Assembly
2883-5	78-8052-6597-8	Shaft – Blade Guard
2883-6	78-8070-1390-5	Spring – Torsion
2883-7	26-1005-4758-2	Screw – Flat Hd, Soc Dr, M4 x 10
2883-8	78-8017-9135-7	Shaft – Spacer
2883-9	78-8052-6600-0	Spacer
2883-10	78-8070-1269-1	Bumper
2883-11	26-1005-4757-4	Screw – Flat Hd, Soc Dr, M5 x 20
2883-12	78-8052-6602-6	Spring – Cutter
2883-13	78-8017-9132-4	Pivot – Cutter Lever
2883-14	26-1003-5828-7	Screw – Spec, Hex Hd, M6 x 10
2883-15	78-8070-1216-2	Slide – Extension
2883-16	26-1008-6574-5	Screw – Flat Hd, Phil Dr, M4 x 10

Taping Head - 2 Inch

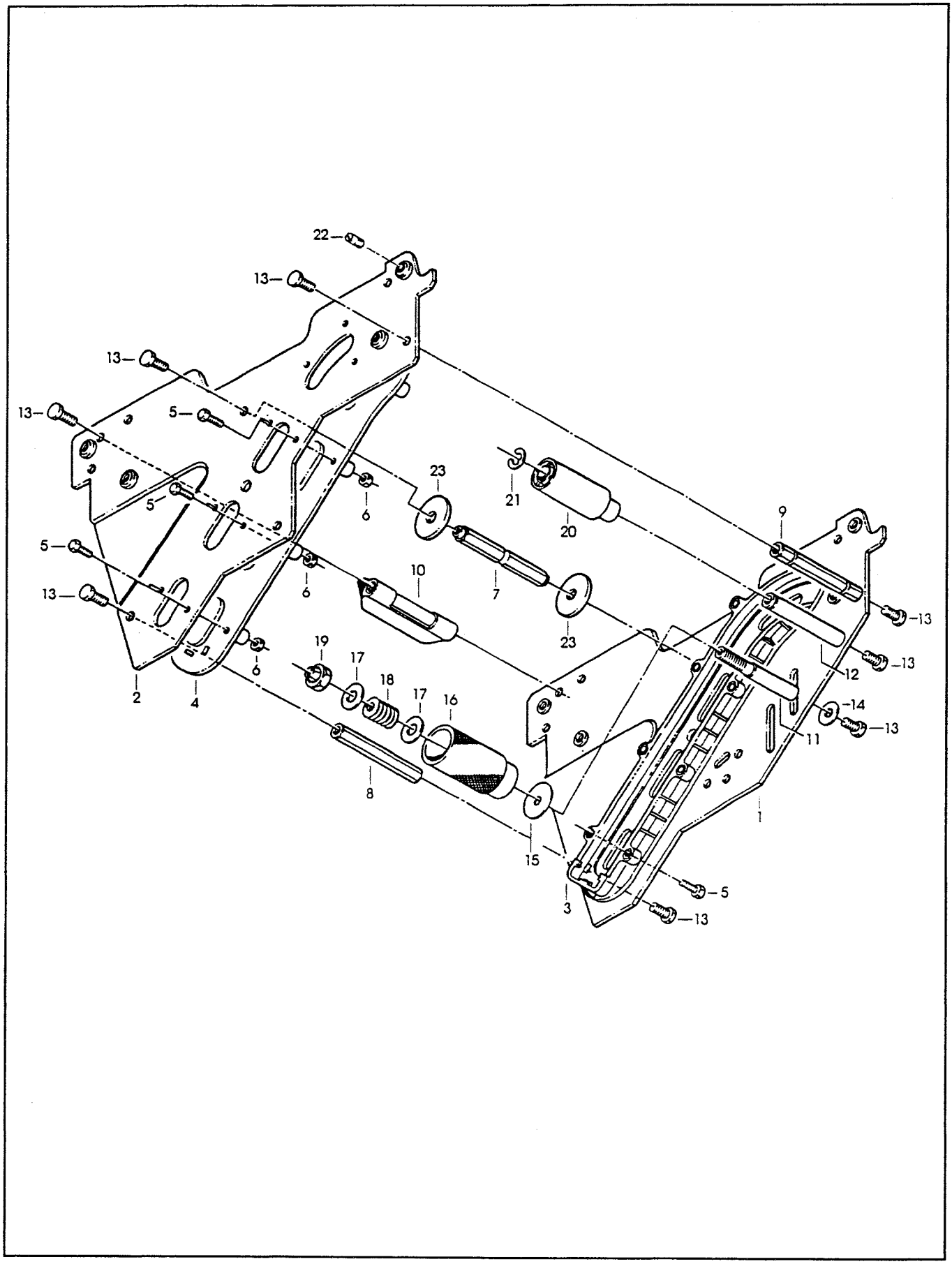


Figure 2885 Lower

Figure 2885 Lower

Ref. No.	3M Part No.	Description
2885-1	78-8070-1369-9	Frame – Tape Mount Lower Assembly
2885-2	78-8070-1370-7	Frame – Front Lower Assembly
2885-3	78-8068-4144-7	Guide – #2
2885-4	78-8068-4143-9	Guide – #1
2885-5	83-0002-7336-3	Screw – Hex Hd, M4 x 14
2885-6	78-8010-7416-8	Nut – Hex, M4
2885-7	78-8070-1251-9	Spacer – Spring
2885-8	78-8052-6559-8	Spacer – Upper
2885-9	78-8052-6560-6	Spacer – Front
2885-10	78-8060-7936-0	Brush Assembly
2885-11	78-8052-6564-8	Shaft – Tension Roller
2885-12	78-8052-6568-9	Shaft – Wrap Roller
2885-13	26-1003-5829-5	Screw – Hex Hd, M6 x 12
2885-14	26-1000-0010-3	Washer – Plain, M6
2885-15	78-8070-1268-3	Washer – Roll Back Up
2885-16	78-8052-6606-7	Roller – Tension Bottom
2885-17	78-8052-6566-3	Washer – Friction
2885-18	78-8052-6567-1	Spring – Compression
2885-19	78-8017-9077-1	Nut – Self Locking, M10 x 1
2885-20	78-8052-6569-7	Roller – Wrap
2885-21	26-1000-1613-3	Ring – Retaining, Tru-Arc #1-420-0120-100
2885-22	78-8076-4500-3	Stud – Mounting
2885-23	78-8076-5242-1	Stop – Cut-Off Frame

Taping Head - 2 Inch

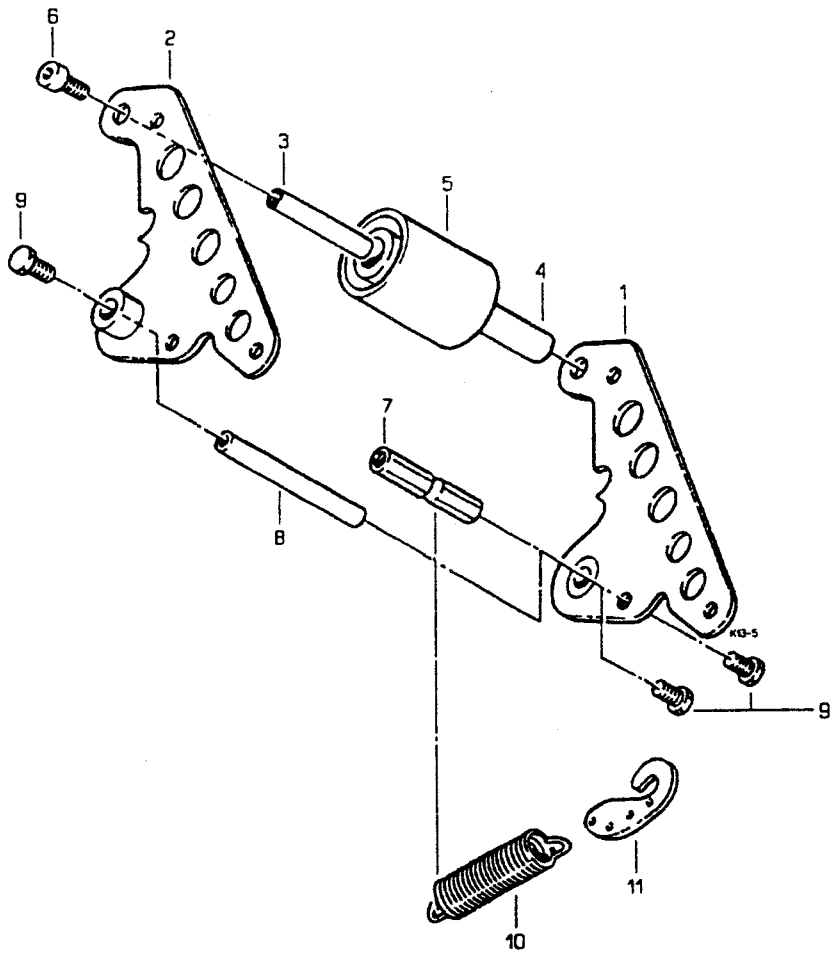


Figure 2886 Lower

Figure 2886 Lower

Ref. No.	3M Part No.	Description
2886-1	78-8070-1391-3	Buffing Arm Sub Assembly
2886-2	78-8070-1392-1	Buffing Arm Sub Assembly
2886-3	78-8052-6575-4	Shaft – Roller
2886-4	78-8052-6586-1	Bushing – Buffing Roller
2886-5	78-8057-6178-6	Roller – Buffing
2886-6	26-1003-5828-7	Screw – Hex Hd, M6 x 12
2886-7	78-8070-1220-4	Spacer – Spring
2886-8	78-8017-9109-2	Shaft – 10 x 90 mm
2886-9	26-1003-5829-5	Screw – Hex Hd, M6 x 12
2886-10	78-8070-1273-3	Spring – Lower (Black)
2886-11	78-8070-1244-4	Holder – Spring

3M Parts Order Form

Form 26989 - 3 - D

– Shaded Areas To Be Filled In By 3M –

Mail To: Dispenser Parts
241 Venture Drive
Amery, WI 54001

Fax or Call: 715-268-8126 (Wisc.)
800-344-9883 (Outside Wisc.)
FAX# 715-268-8153

P.O. No.	Date	Catalog No.	Phone No. (including Area Code) (	Customer Name
Attn.	Model No.	Serial No.	Sales Rep No.	Invoice No.

Ship To

Account No.

Charge To

Account No.

SIC

Charge Back | Do Not Charge Back | Via | Tax Exempt No.

Special Instructions

FAX Your Order For Faster Service FAX No. 715-268-8153

	Qty.	Part Number				Description	Price
1.							
2.							
3.							
4.							
5.							
6.							
7.							
8.							
9.							

Please Print

$25.00 Minimum Order ☐ Ship Via Air At Customer Expense

Signature

PRINTED WITH SOY INK