3M

Instructions and Parts List

KEEP THESE INSTRUCTIONS NEAR THIS EQUIPMENT FOR FUTURE REFERENCE.

3M-Matic™

700rks Type 29800

Adjustable Case Sealer with AccuGlide II™ Taping Heads

Serial No._____

For reference, record machine serial number here.

Important Safeguards

Read "Important Safeguards", pages 3-6 and also operating "Warnings", page 18 BEFORE INSTALLING OR OPERATING THIS EQUIPMENT.

Spare Parts

It is recommended you immediately order the spare parts listed on page 39. These parts are expected to wear through normal use and should be kept on hand to minimize production delays.

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 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 **1-800/344 9883**
Amery, WI 54001-1325 **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.

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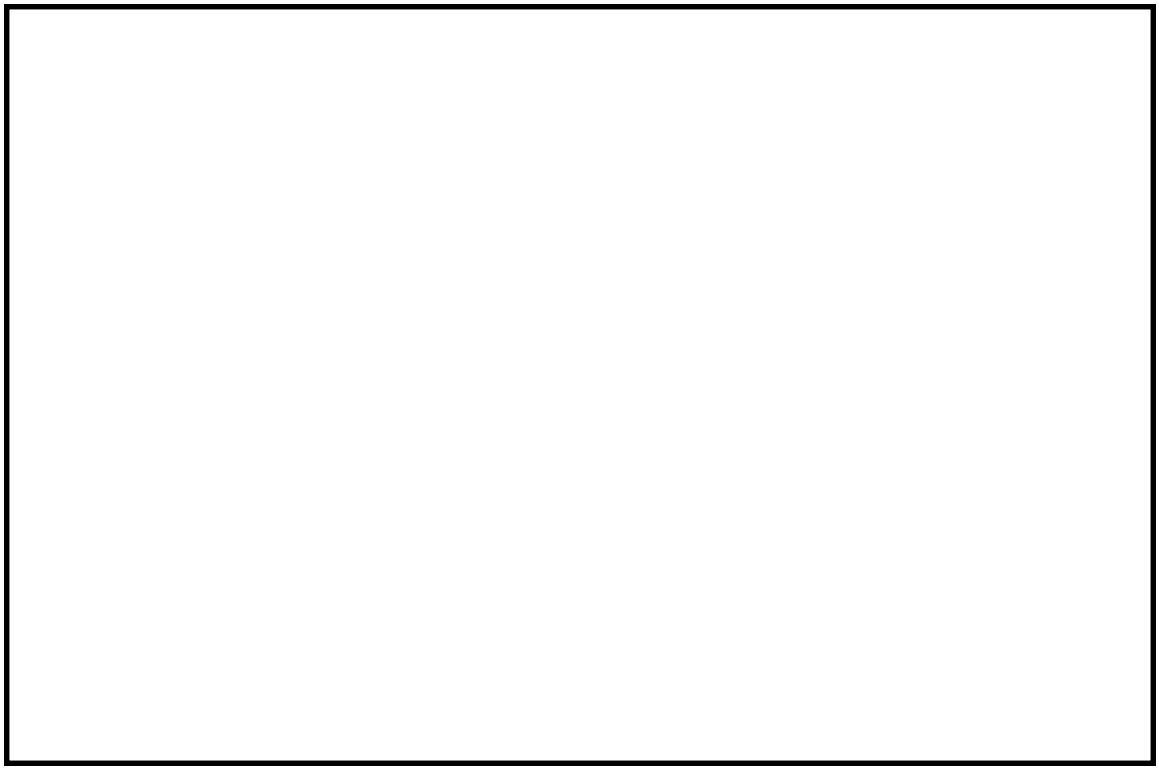
To Our Customers:

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:



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3M Packaging Systems Division
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1-800/328 1390

Instruction Manual

700rks Adjustable Case Sealer
Type 29800

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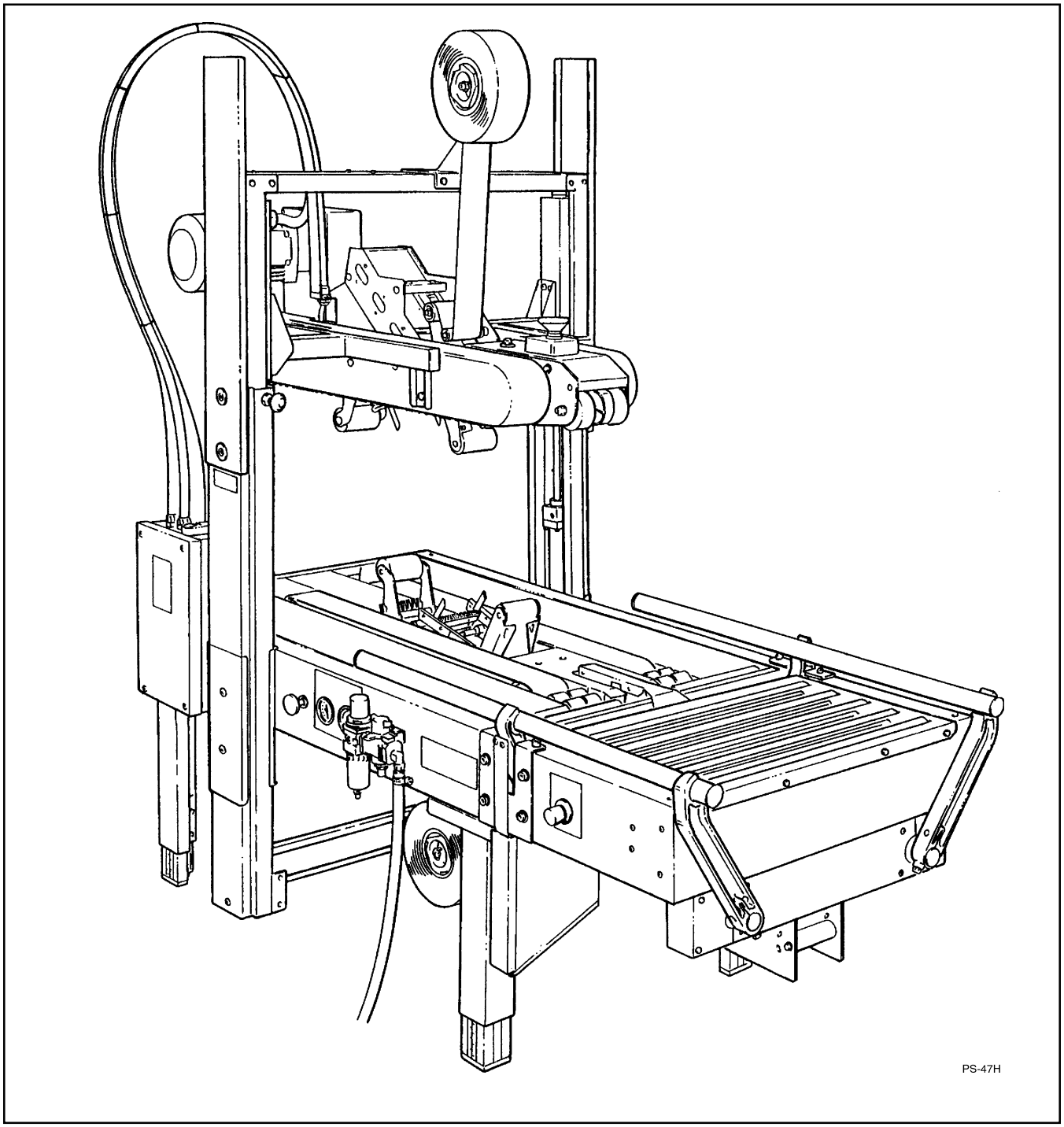
Intended Use

The intended use of the **3M-Matic™ 700rks Random Case Sealer** with **AccuGlide™ II** Taping Heads is 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 case sealer adjusts automatically to a wide range of box sizes as listed in "Specifications – Box Weight and Size Capacities", page 8. The machine has been designed and tested for use with **"Scotch"** brand box sealing tape and is not recommended for use with other brands of tape.



3M-Matic™ 700rks Random Case Sealer, Type 29800

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™ 700rks Random Case Sealer, Type 29800** with the following warranties:

1. The drive belts and the taping head knives, 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. All other parts will be free from all defects for two (2) years 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 – 700rks Random Case Sealer

(1) 700rks Random Case Sealer, Type 29800
(1) Tool/Parts Kit, P/N 78-8098-8868-4
(1) Instruction and Parts Manual

Important Safeguards

Any safety or information labels that are scratched, peeled off, painted over, or otherwise destroyed must be replaced promptly to assure operator safety.

Replacement part numbers for individual labels are shown in Figures 1-1, 1-2 and 1-3 or a label kit (P/N 78-8111-1404-6) is available that includes all labels used on the machine.

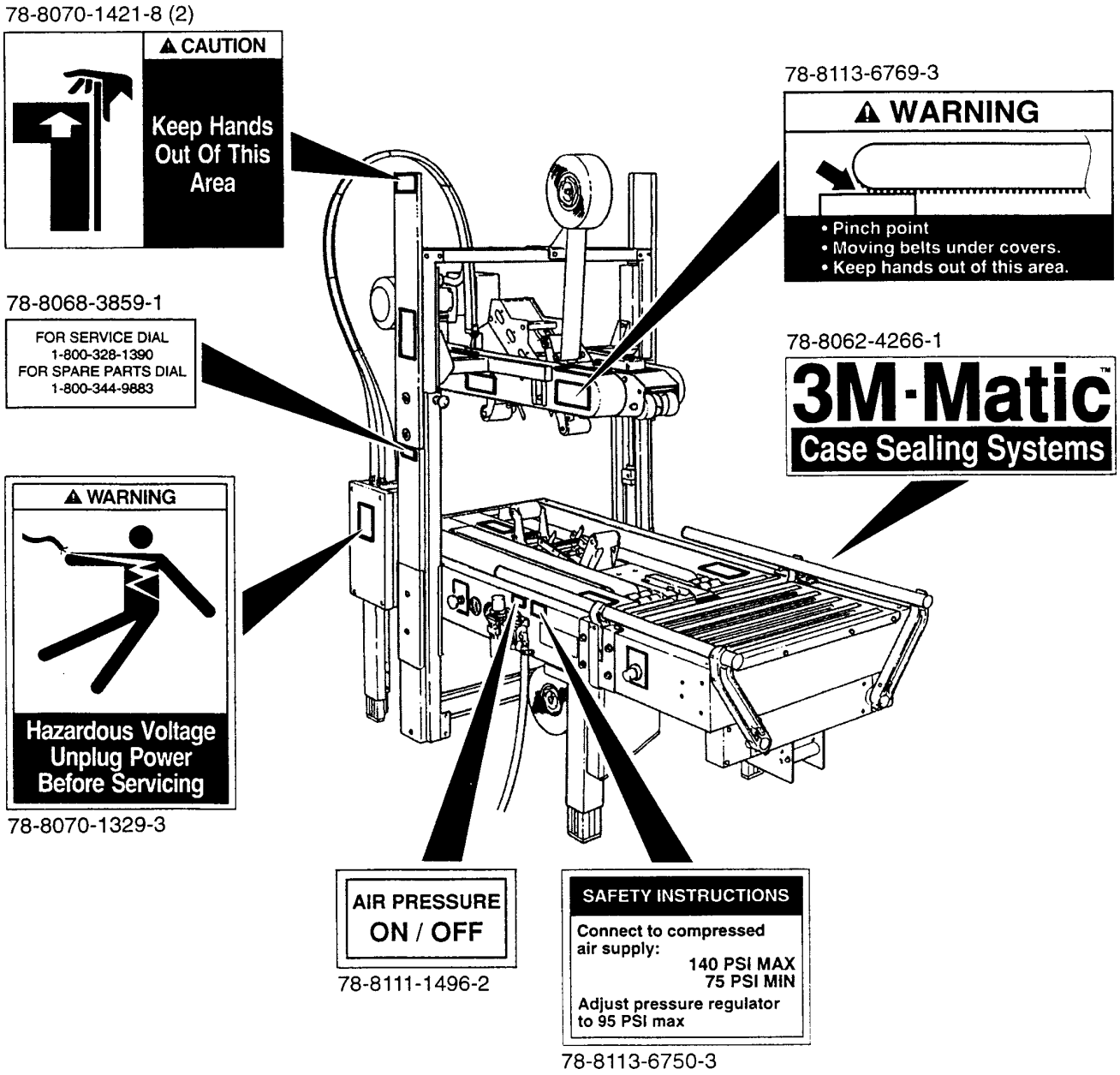


Figure 1-1 – Replacement Labels/3M Part Numbers

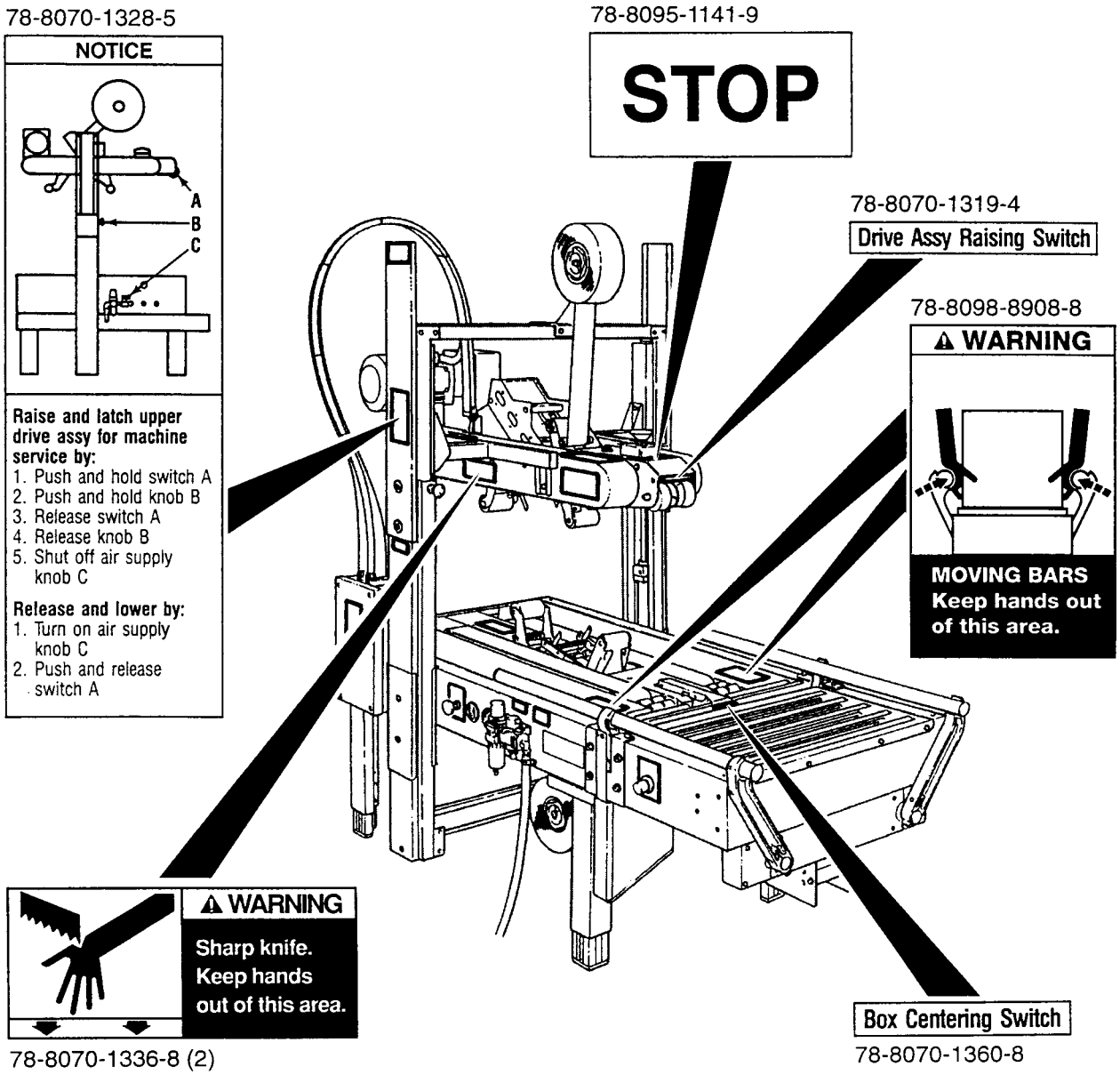


Figure 1-2 – Replacement Labels/3M Part Numbers

Important Safeguards (Continued)

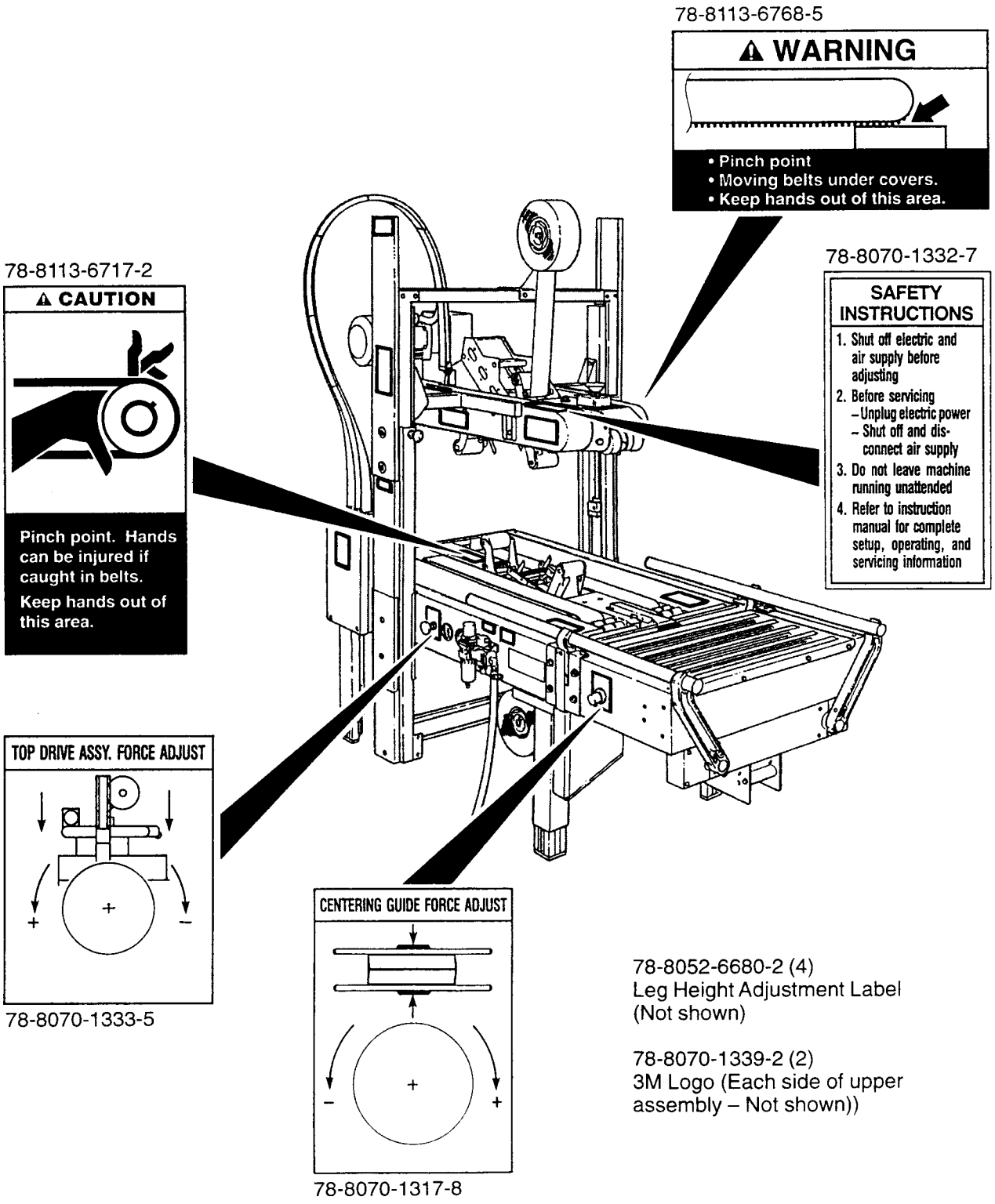


Figure 1-3 – Replacement Labels/3M Part Numbers

Important Safeguards (Continued)

The 700rks is equipped with a latching emergency stop switch shown in Figure 1-4. Pressing this switch stops the machine upper and lower box drive belts. To unlatch the switch after it has been pressed, turn the switch knob clockwise.

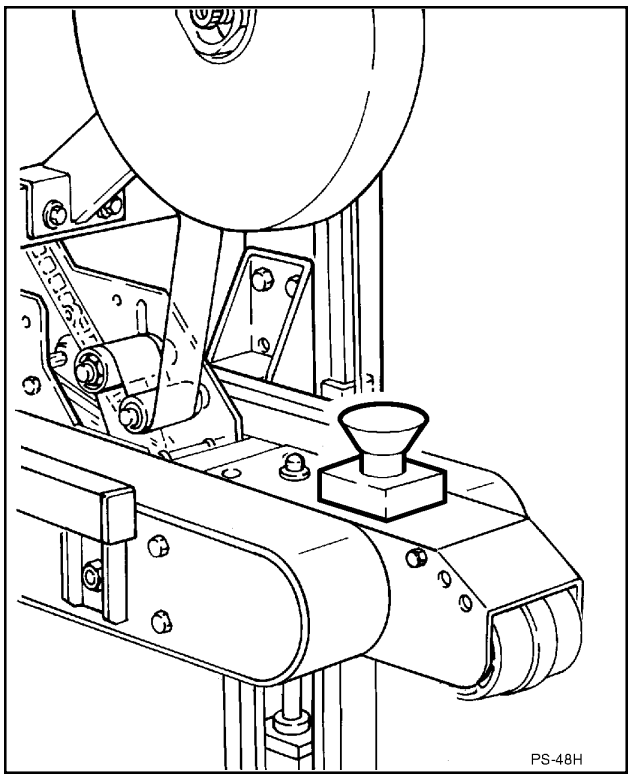


Figure 1-4 – Emergency Stop Switch

Pneumatic controls – the air on/off valve has provisions for lock out/tag out according to plant regulations. See Figure 1-5.

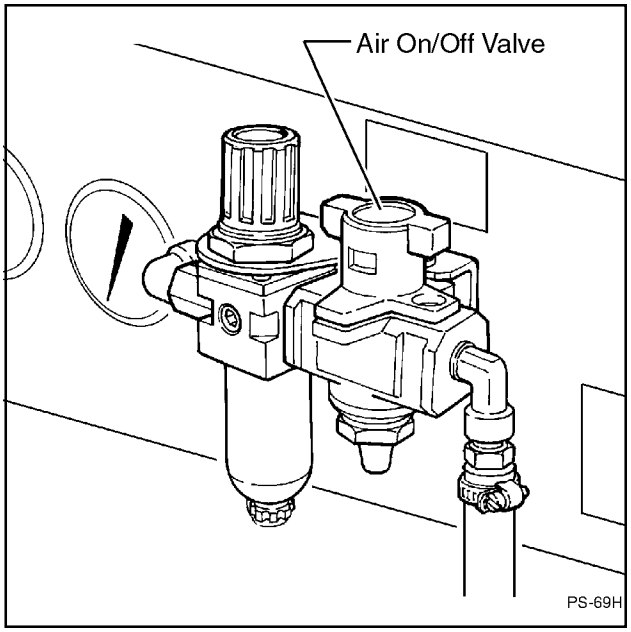


Figure 1-5 – Air On/Off Valve

IMPORTANT – Read"Warnings" on page 18 before set-up, operation, maintenance or adjustments of case sealer.

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, 6.4 A (675 watts)

   Pneumatic – 85 PSIG [6 bar pressure], 2.5 SCFM
   [70 liter/minute @ 2PC, 1.01 bar] maximum at maximum random cycle rate.
   A pressure regulator/filter is included.

   The machine is equipped with two 1/4 HP gearmotors and comes with an 8 foot [2.4 m] standard neoprene covered power cord and a grounded plug. Contact your 3M Representative for power requirements not listed above.

2. **Operating Rate:**

   Up to 15 boxes per minute. Actual production rate is dependent on box size, box size mix, and operator dexterity.

   Box drive belt speed is 78 FPM [24 mpm]

3. **Operating Conditions:**

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

   Note: *Machine should not be washed down or subjected to conditions causing moisture condensation on components.*

4. **Tape:**

   Scotch™ brand pressure-sensitive film box sealing tapes.

5. **Tape Width:**

   50 mm [2 inches] minimum to 72 mm [3 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 Leg Length – Standard:**

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

   Tape Leg Length – Optional:

   50 mm ± 6 mm [2 inches ±1/4 inch] (See "Special Set-Up Procedure – Tape Leg Length", page 30.)

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.

Specifications (Continued)

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

A. Box Weight, filled – 2.3 kg [5 lbs.] minimum, 38.6 kg [85 lbs] maximum – contents must support flaps.

B. Box Size:	**Minimum**	**Maximum**
Length –	150 mm [6 inches]	Unlimited
* Width –	175 mm [7 inches]	645 mm [25-1/2 inches]
** Height –	120 mm [4-3/4 inches]	645 mm [25-1/2 inches]

* Boxes narrower than 200 mm [8 inches] may require more frequent belt replacement because of limited contact area.

** Minimum/maximum box height dimensions are with machine at factory setting. To accommodate smaller or larger boxes, machine upper taping head frame and/or outer column assemblies can be re-positioned as described in "Special Set-Up Procedure", pages 29 - 33 of this manual. Refer to chart below for box height range desired and then to illustration indicated for machine adjustments necessary.

Minimum/Maximum Box Height Combinations

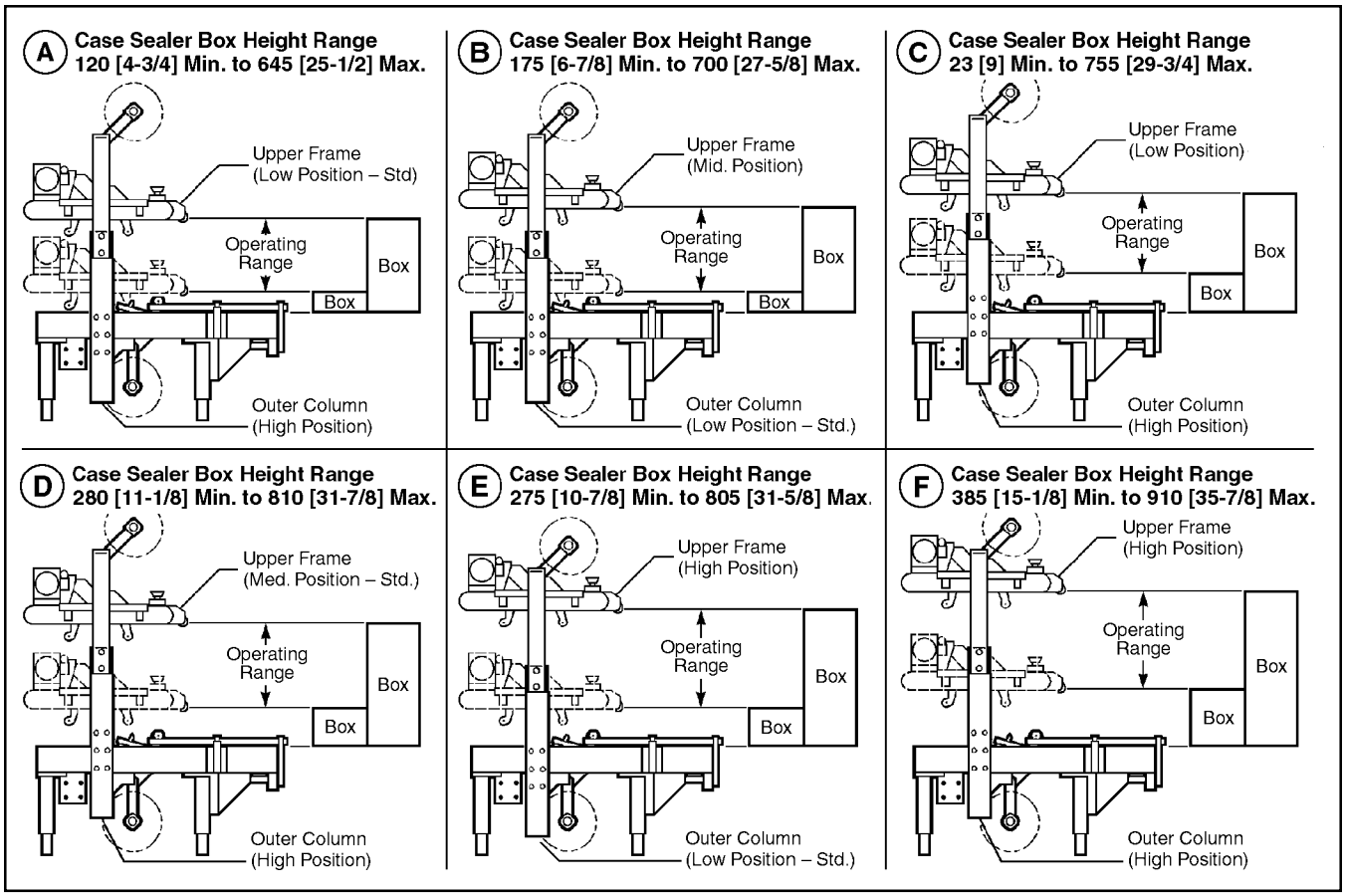
Minimum* mm [Inches]	Maximum mm [Inches]	Refer to Illustration	Minimum mm [Inches]	Maximum mm [Inches]	Refer to Illustration
120 [4-3/4]	645 [25-1/2]	A	280 [11-1/8]	810 [31-7/8]	D
175 [6-7/8]	700 [27-5/8]	B	275 [10-7/8]	805 [31-5/8]	E
230 [9]	755 [29-3/4]	C	385 [15-1/8]	910 [35-7/8]	F

Note: Shaded area on chart indicates machine setting as shipped from factory.

Specifications (Continued)

Minimum/Maximum Box Height Combinations

(To re-locate upper frame or outer columns, see "Special Set-Up Procedure".)



Note: *Length of boxes in illustrations above are not to scale.*

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

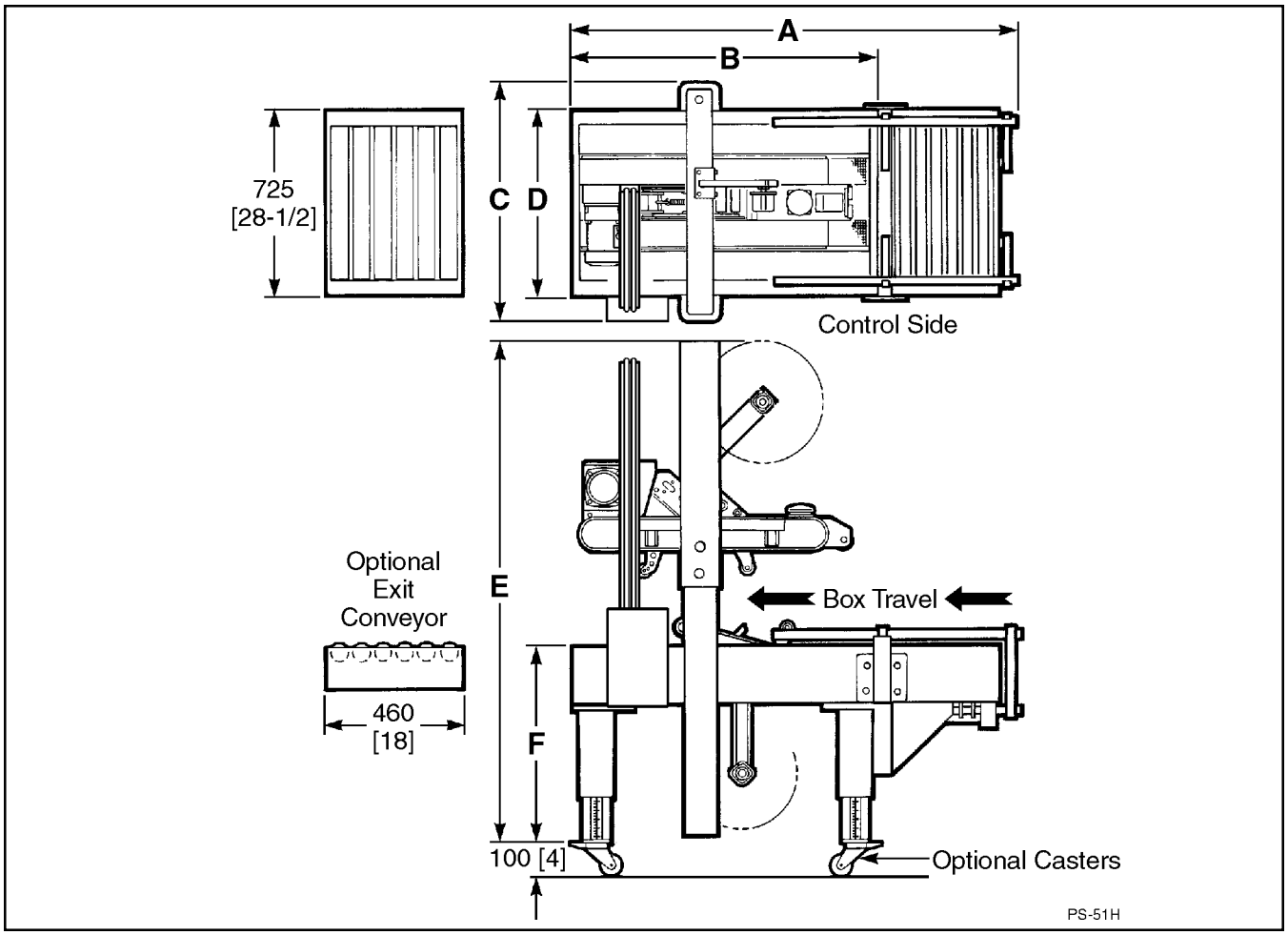
Note: *The case sealer can accommodate most boxes within the size range listed above. However, if the box length (in direction of seal) to box height ratio is .5 or less, then several boxes should be test run to assure proper machine performance.*

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)



10. **Machine Dimensions:**

	A	B	C	D	E	F
Minimum						
mm	1530	1080	855	725	1595	520
[Inches]	[60-1/4]	[42-1/2]	[33-3/4]	[28-1/2]	[62-3/4]	[20-1/2]
Maximum						
mm	- -	- -	- -	- -	2215	785
[Inches]					[87-1/4]	[31]

Note - Dimension "E" is with outer columns in standard (lower) position If columns are moved to upper position, dimension "E" (min/max) increases by 108 mm [4-1/4 inches].

Weight - 225 kg [500 pounds] crated (approximate)
200 kg [430 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.

Installation and Set-Up

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.

Machine Set-Up

It is recommended that the 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 700rks before subjecting it and operating personnel to a production situation where time for set-up, adjustments, and operator training usually becomes limited.

The following instructions are presented in the order recommended for setting up and installing the case sealer. Following them step by step will result in an installation in your production line that best utilizes the many features built into the case sealer. Refer to Figure 3-1 and 3/2 to identify the various components of the machine.

For future reference, record machine serial number on front cover of this instruction manual in the space provided.

IMPORTANT – Read "Warnings" on page 18 before attempting to set-up the case sealer for operation.

1. Follow "Unpacking Instructions" label attached to corrugated packing cover.

2. Remove the four angle brackets that secure the machine legs to the shipping pallet.

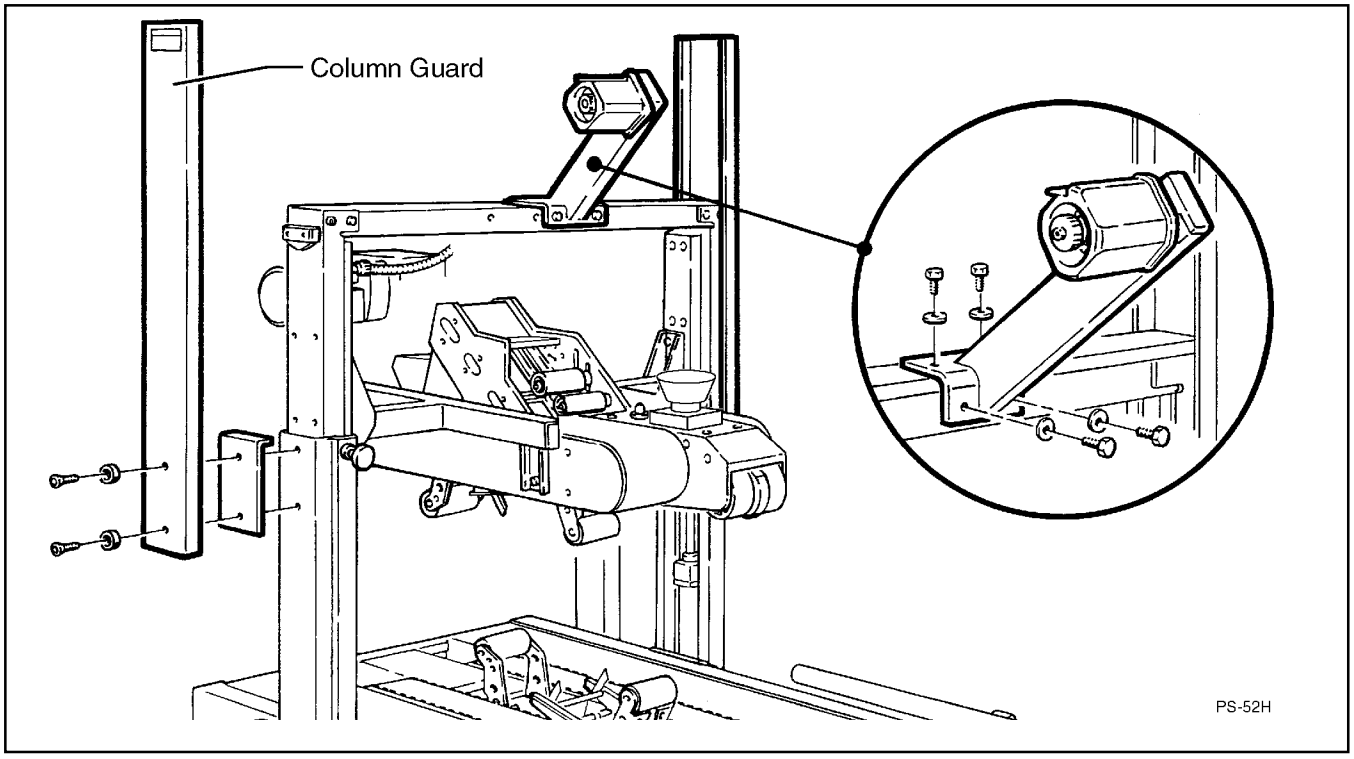


Figure 2-1 – 700rks Frame Set-Up

Installation and Set-Up (Continued)

3. Use appropriate material handling equipment to remove the machine from the pallet and move it into position.

   Whenever the machine is lifted with a fork truck, insure that the forks span completely across the machine frame and do not contact any wiring or mechanism under the machine frame. In some cases the lower taping head may need to be removed to avoid damage.

> **CAUTION – Machine weighs approximately 200 kg [430 lbs] uncrated.**

4. Remove tie down straps on either side of the upper taping head frame assembly.

5. Install upper tape drum bracket on the inner column assembly crossbar as shown in Figure 2-1.

6. The column guards have been shipped loose with the machine. Install the guards on the outer columns as shown in Figure 2-1 using screws, washers and bumper stop plates that are shipped installed on the outer columns.

7. Remove the plastic ties that secure the lower taping head in place.

8. Adjust case sealer bed height. The case sealer is equipped with four adjustable legs that are located at the corners of the machine frame. The legs can be adjusted to obtain different machine bed heights from 520 mm [20-1/2 inches] minimum to 785 mm [31 inches] maximum.

   Refer to Figure 2-2A and set the machine bed height as follows:

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

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

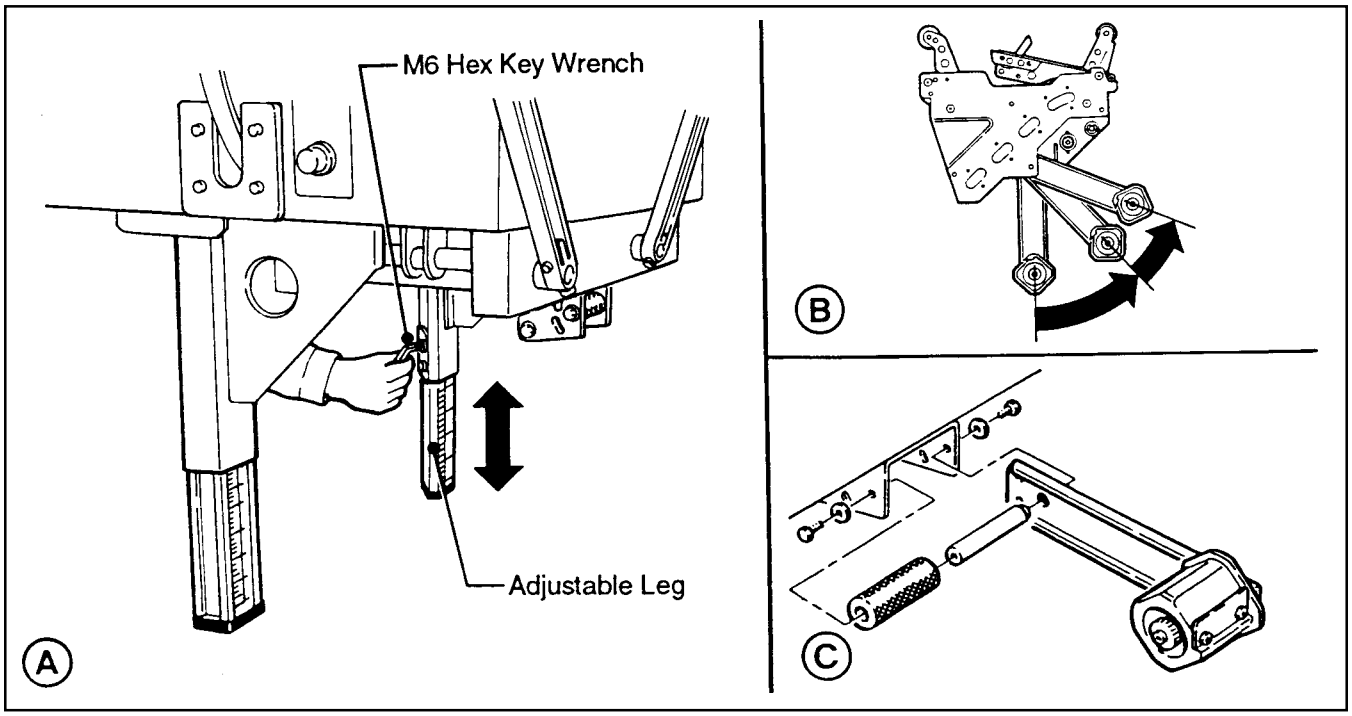


Figure 2-2 – Machine Bed Height Adjustment and Lower Tape Drum Bracket Position

9. Lower tape drum bracket. The tape drum bracket may be mounted in either of two positions on the taping head or an alternate outboard position. These positions allow maximum tape roll capacity at a particular machine bed height.

   For machine bed heights 635 mm [25 inches] and above, bracket should be straight down as shown in Figure 2-2B.

   For machine bed heights from 570 to 635 mm [22-1/2 to 25 inches], loosen hex spacer, remove screws (2) and pivot bracket forward as shown in Figure 2-2B. Replace and tighten screws and hex spacer.

   For machine bed heights below 570 mm [22-1/2 inches], remove hex spacer and screws that secure the tape drum bracket to the taping head. Install tape drum bracket on the infeed end of the machine frame with the hex spacer and screws as shown in Figure 2-2C.

10. Tape width – the taping heads have been pre-set to accommodate 48 mm [2 inch] wide tape rolls. To apply 72 mm [3 inch] wide tape refer to Section II, "Adjustments – Tape Web Alignment", page 11.

11. Tape leg length – taping heads are pre-set to apply 70 mm [2-3/4 inch] long tape legs. To change tape leg length to 48 mm [2 inch], see "Special Set-Up Procedure – Tape Leg Length", page 30.

12. Box size capacity (height) – at its factory setting, the 700rks case sealer handles box sizes up to 650 mm [25-1/2 inches] maximum height. If larger capacity is needed, the machine can be adjusted to accommodate up to 915 mm [36 inch] high boxes. Refer to chart, "Minimum/ Maximum Box Height Combinations Available", page 8.

13. Upper frame assembly – operating range. The operating speed of the 700rks case sealer can be increased by re-positioning the upper column stop bumpers within the range of boxes being sealed. This re-positioning reduces the downward movement of the upper frame thereby increasing operating speed.

    To adjust the stop bumpers, see "Special Set-Up Procedure – Upper Frame Assembly, Operating Range", page 29.

14. Pneumatic Connection

WARNING – Use care when working with compressed air.

The case sealer requires an 85 PSIG [6.5 bar gauge pressure] 2.5 SCFM [75 liter/min @21°C, 1.01 bar] compressed air supply.

Using customer supplied air hose (5/16 inch [8 mm] I.D.) and clamp provided with machine, connect plant air to barbed fitting on inlet side of "On/Off valve. See Figure 2-3. Note: If another type of connector is desired, the barbed fitting can be replaced with the desired 1/4-18 NPT connector.

Note – *The air valve has provisions for lockout/ tagout according to plant regulations.*

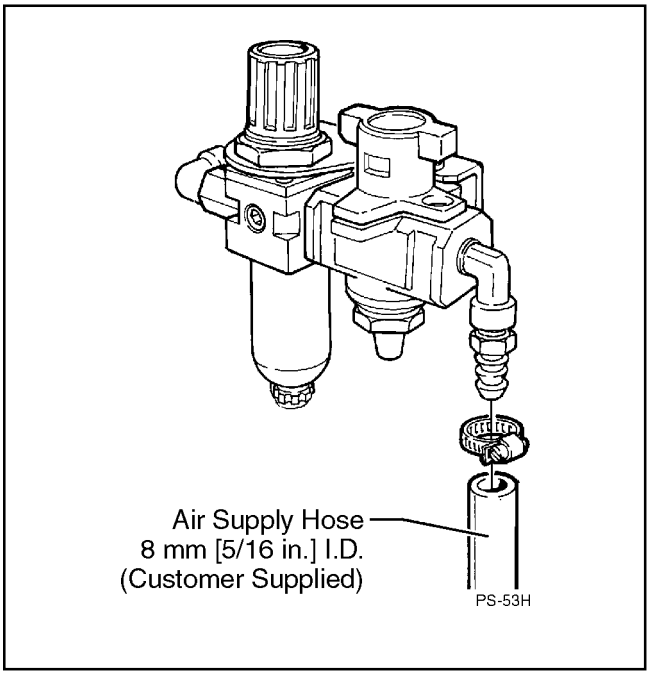


Figure 2-3 – Pneumatic Connection

15. Electrical connection and controls – the electrical control box (with circuit breaker) and "On/Off" switch is located on the left side of the machine frame. See Figure 3-1. A standard three conductor power cord with plug is provided at the back of the electrical control box for 115 Volt, 60 Hz, 6.4 Amp electrical service. Before the power cord is plugged into 115 Volt, 60 Hz outlet, make sure that all packaging materials and tools are removed from the machine. **Do not plug electrical cord into outlet until ready to run machine.**

    Use of an extension cord is not recommended. However, if one is needed for temporary use, it must have a wire size of 1.5 mm diameter [AWG 16], have a maximum length of 30.5 m [100 feet], and must be properly grounded.

WARNING – To prevent shock and fire hazard: Position extension cord where it will be out of the way of foot or vehicle traffic. Extension cord is only for temporary use – do not use for a permanent installation.

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

Initial Start-Up of Case Sealer

After completing the "Installation and Set-Up" procedure, continue through ""Operation" for tape loading and start-up to be sure case sealer is properly adjusted to seal boxes.

Operation

IMPORTANT – Before operating the case sealer, read all the "Important Safeguards", pages 3-5 and "Warnings" on page 18 as well as all of the "Operation" instructions.

Refer to Figure 3-1 to acquaint yourself with the various components and controls of the case sealer. Also see Figures 3-1 and 3-2 in Section II for taping head components.

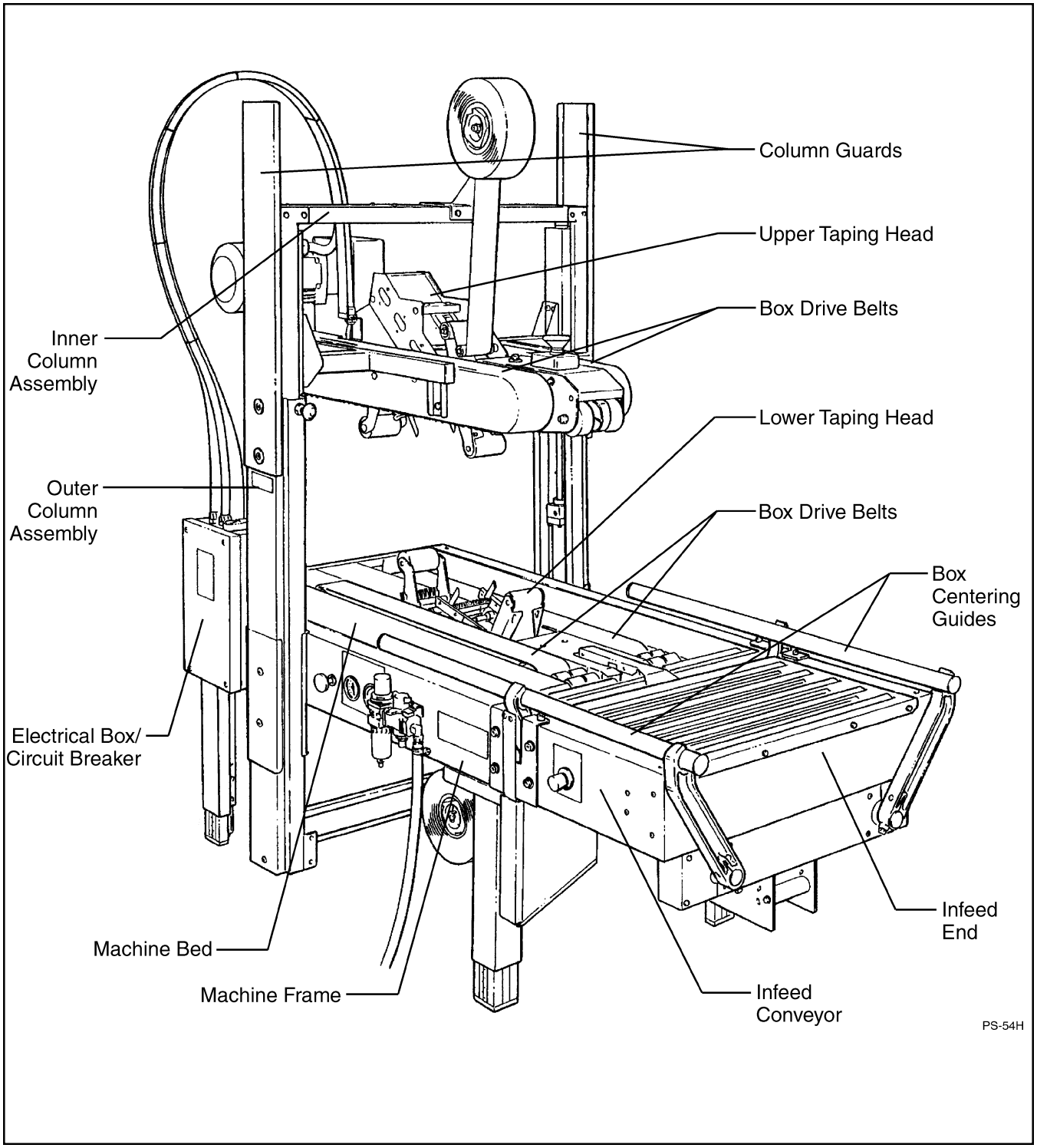


Figure 3-1 – Case Sealer Components

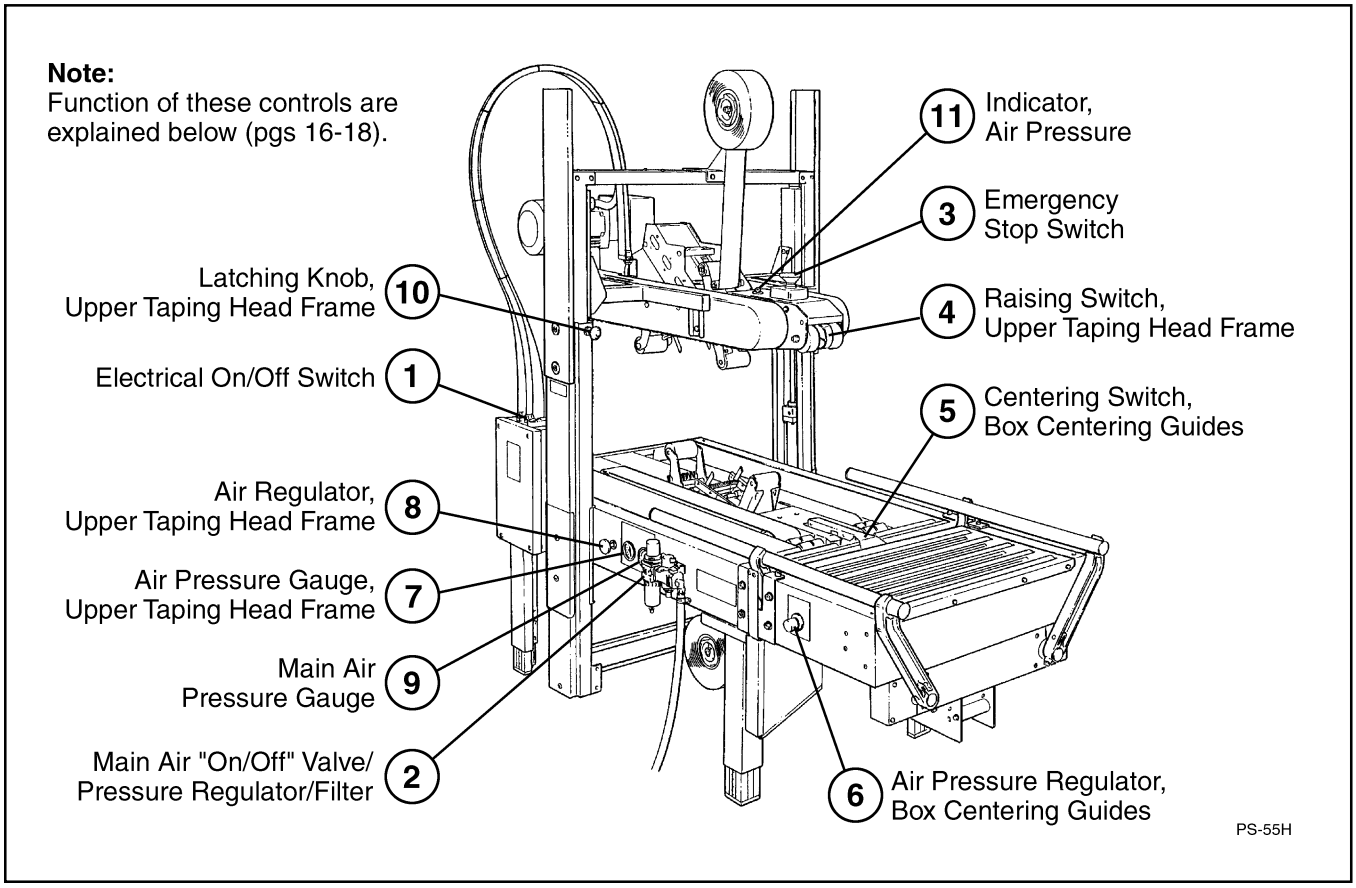


Figure 3-2 – Controls, Valves and Switches

① Electrical "On/Off" Switch and Stop Button

The box drive belts are turned on and off ("Off" button is red) with the electrical switch on the top of the electrical box.

Note – *The case sealer has a circuit breaker located in the electrical box on the left side of the machine frame. If circuit becomes overloaded and circuit breaker trips, see "Maintenance – Circuit Breaker", page 26.*

② Main Air "On/Off" Valve/Pressure Regulator/Filter – Figure 3-3.

This set of pneumatic components controls, regulates and filters plant air supply to the two separate control circuits of the case sealer.

"On/Off" Valve – "On" Turn to "SUP" – "Off" turn to "EXH". Note – Turning air supply "Off" automatically bleeds air pressure from the case sealer air circuits.

Always turn the air "Off" when machine is not in use, when servicing the machine, or when connecting or disconnecting air supply line.

Note – *The air has provisions for lockout/ tagout according to plant regulations.*

Pressure Regulator regulates main air pressure to the machine. To adjust pressure, pull knob up and turn – push down to lock setting.

Filter removes dirt and moisture from plant air before it enters the case sealer pneumatic circuits. If water collects in bottom of bowl, lift up on the valve on the bottom of bowl to drain

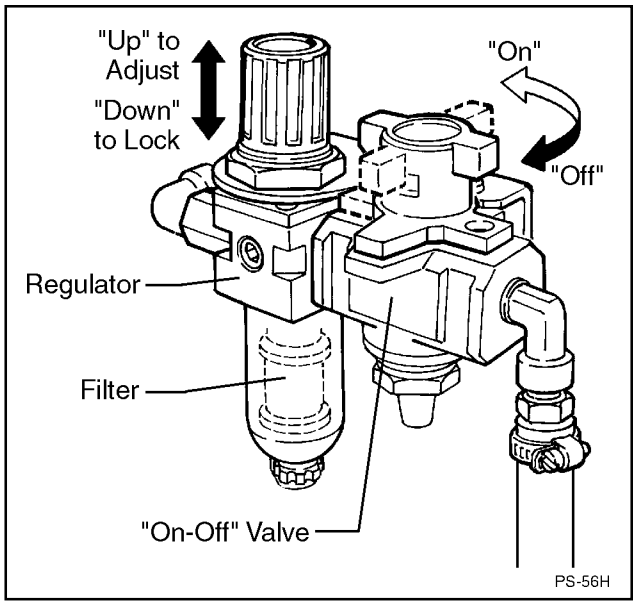


Figure 3-3 – "On/Off" Valve/Regulator/Filter

Operation (Continued)

③ Emergency Stop Switch

The machine electrical supply can be turned off by pressing the latching emergency stop switch. To restart machine, rotate emergency stop switch (releases switch latch) and then restart machine by pressing green "On" button on top of electrical box.

④ Raising Switch, Upper Taping Head Frame
This switch, when touched by the leading edge of a box, pneumatically raises the upper frame to allow insertion of the box under the drive belts. As the box moves under the switch, releasing it, the upper frame descends on the box and the drive belts convey the box through the machine. When switch is actuated by hand, the upper frame rises to its maximum height, Released, the upper frame descends to its rest position.

⑤ Centering Switch, Box Centering Guide
This pneumatic switch controls the box centering guides. When switch is activated by a box entering the case sealer, the centering guides close (centering the box), and released (after box passes over switch), the guides open.

⑥ Air Pressure Regulator, Box Centering Guides Figure 3-4
This regulator is used to adjust centering guides according to weight of boxes. Pressure should be adequate to center boxes, but low enough to allow easy pushing of boxes under taping head. The regulator setting can be locked by tightening the phillips screw as shown.

⑦ Air Pressure Gauge, Upper Taping Head Frame
This gauge, used in conjunction with the upper frame air regulator, provides operator with a reference pressure setting for various size/ weight boxes.

⑧ Air Pressure Regulator, Upper Taping Head Frame Figure 3-5
Set nominally to control "down" movement of upper frame (drive belts) and the pressure exerted against the box. The regulator setting is changed as necessary for the boxes being sealed to provide adequate drive belt pressure against the box to positively convey the boxes through the machine. If the boxes slip or hesitate while being conveyed, decrease the regulator pressure which will increase the drive belt force on the box for more friction between the box and drive belts. Adjust setting as necessary to get continuous movement of boxes through machine.

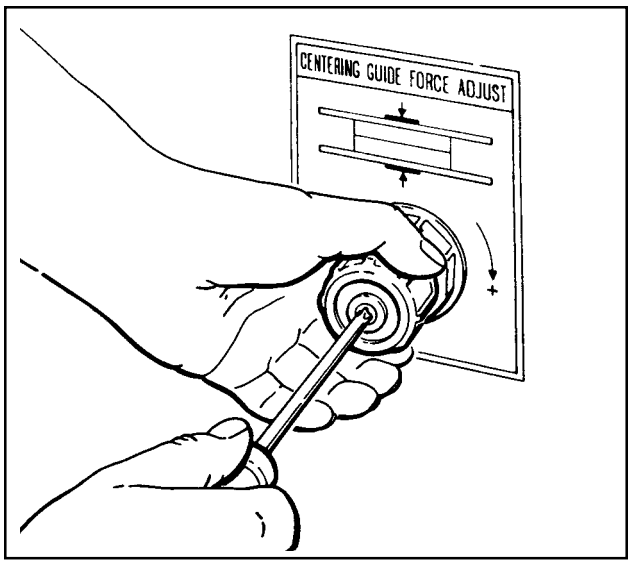


Figure 3-4 – Air Regulator, Centering Guides

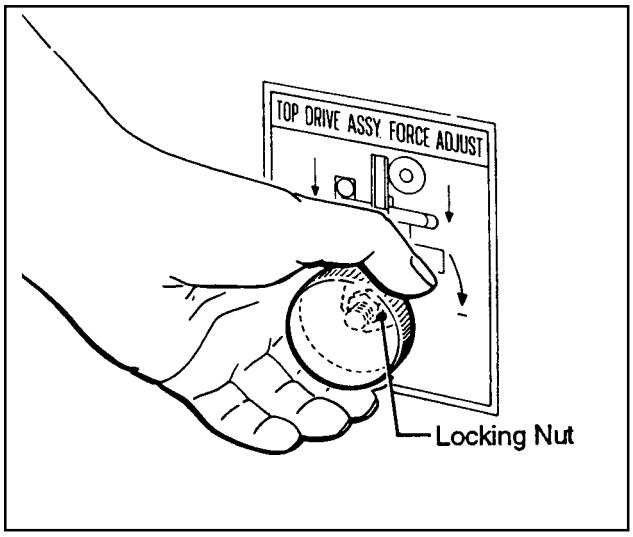


Figure 3-5 – Air Regulator, Upper Taping Head Frame

For boxes which are fully packed with products that support the top flaps, the adjustment of this regulator is not critical since the boxes can support the pressure of the upper frame (drive belts) at a wide range of regulator settings. However, if under-filled or fragile boxes are sealed, this regulator can be used to set the upper frame pressure to a minimum that is still adequate to positively convey the box and to prevent damage of boxes. The regulator setting can be locked by securing the lock nut on the regulator shaft as shown in Figure 3-5.

Note – *A precision regulator is used to balance the upper taping head frame. Due to the self relieving feature of this regulator a small amount of air will continually vent to the atmosphere. This is normal and amounts to approximately 0.1 SCFM [3 liter/min].*

Operation (Continued)

⑨ Main Air Pressure Gauge
Indicates main air regulator pressure setting. Air regulator should be adjusted so gauge reads 85 PSIG [6.5 bar gauge pressure].

⑩ Latching Knob, Upper Taping Head Frame
The mechanical latch is provided to hold the upper frame at the fully raised position for tape threading and maintenance.

To raise and latch the upper frame (Figure 3-6):
1. Push and hold the upper frame raising switch "A".
2. Push and hold latching knob "B".
3. Release switch "A".
4. Release knob "B".
5. Shut off air supply.

To release and lower the upper frame:
1. Turn on air supply.
2. Push and release switch "A".

⑪ Indicator, Air Pressure
An optical warning indicator for the compressed air circuit of the machine is located on the upper taping head frame just behind the red emergency stop button. When indicator is red, air circuit is on.

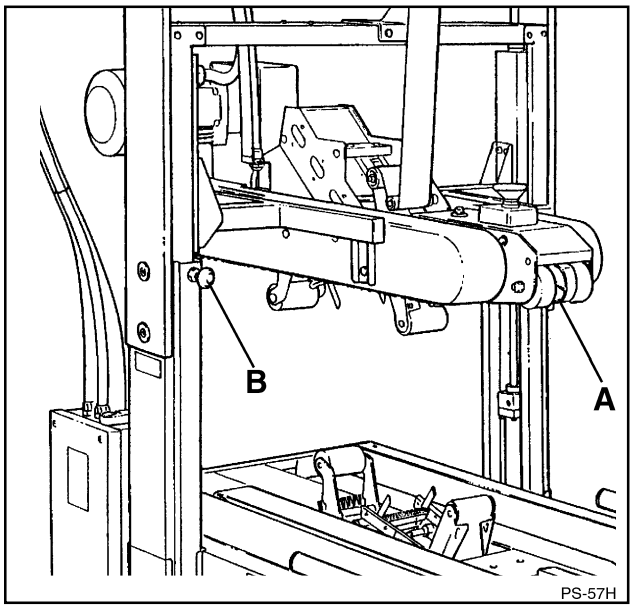


Figure 3-6 – Latching Knob, Upper Taping Head Frame

⚠ WARNINGS

1. **Turn electrical supply off and disconnect before servicing taping heads of performing any adjustments or maintenance on the machine.**
2. **Turn electrical supply off when machine is not in use.**
3. **Before turning drive belts on, be sure no tools or other objects are on the conveyor bed.**
4. **Keep hands and loose clothing away from moving belts.**
5. **Never attempt to remove jammed boxes from the machine while machine is running.**
6. **Be aware of the pneumatically controlled movement of the upper frame and box centering guides. Keep away from these components when air and electrical supplies are on.**
7. **When feeding boxes to the machine by hand, push box in from end only – DO NOT PUSH WITH HANDS ON ANY CORNER OF THE BOX.**
8. **Taping heads utilize an extremely sharp tape cutting knife. The knife is located under the orange knife guard which has the "WARNING – SHARP KNIFE" label. Before loading tape, refer to Section II, page 6, Figures 3-1 and 3-2 to identify the knife location. Keep hands away from these areas except as necessary to service the taping heads.**
9. **Failure to comply with these warnings can result in severe personal injury and/or equipment damage.**

Tape Loading/Threading

1. Raise and latch upper taping head frame in fully raised position.
2. See Section II, Pages 7 and 8 for tape threading.

Note – *If lower tape drum is mounted in alternate outboard position, remove taping head from machine bed by pulling straight up, insert threading needle in taping head according to threading diagram and then replace taping head in machine bed. Install tape roll on drum (adhesive side on tape leg up), thread tape under knurled roller on outboard mount, then attach tape to threading needle and pull tape through taping head with threading needle as shown in Figure 3-7.*

WARNING – Taping head weighs approximately 7.2 kg [16 pounds] without tape. Use proper body mechanics when removing or installing taping head.

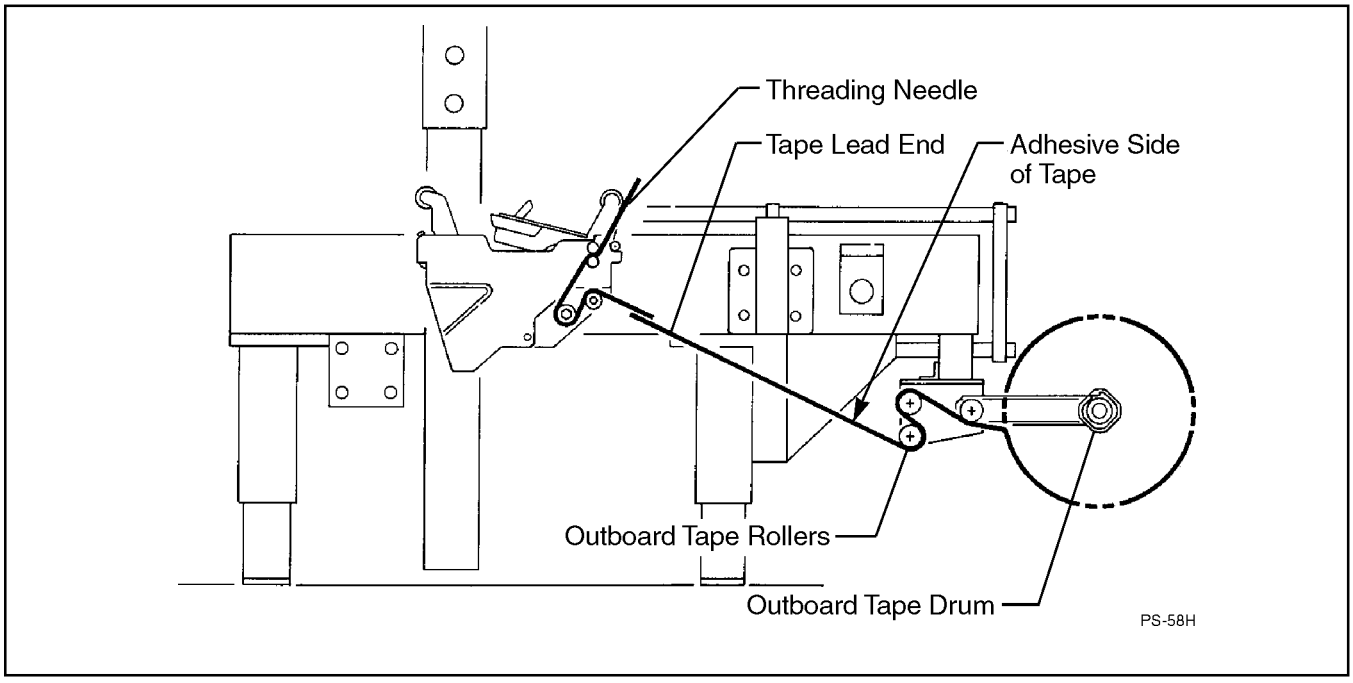


Figure 3-7 – Tape Threading With Alternate Outboard Tape Drum

Box Sealing

WARNINGS

1. **Remove tools or other objects from machine bed before starting machine.**
2. **Keep hands and loose clothing away from moving belts.**
3. **When feeding boxes to the machine by hand, push box in from end only – DO NOT PUSH WITH HANDS ON ANY CORNER OF THE BOX.**
4. **Be aware of the pneumatically controlled movement of the upper frame and box centering guides. Keep away from these components when air and electrical supplies are on.**
5. **Never attempt to remove jammed boxes from the machine while machine is running.**
6. **Turn electrical and air supplies "Off" when machine is not in use.**

Important – If operator is not familiar with operation of this machine, it is recommended that the box centering and upper frame switches be manually actuated to understand their function. Connect and turn air supply "On". Depressing the box centering switch causes the box centering guides to close, releasing the switch causes the centering guide to open. Depressing the upper frame raising switch causes the upper frame to rise, releasing the switch causes the upper frame to descend.

1. Connect air and electrical supply.
2. Turn main air valve "On" (SUP) to energize pneumatic circuit.
3. Turn electrical switch "On" to start drive belts.
4. Feed boxes to machine.

Figure 3-8 Operator pushes a box onto the infeed conveyor where box depresses box centering switch. This causes the pneumatically powered centering guides to move inward, centering the box.
Note – *centering force is adjusted with "Centering Guide Force Adjust" air regulator.*

Figure 3-9 Once the box is centered by the centering guides, operator continues to push box against the upper taping head frame raising switch. This switch pneumatically raises the upper frame above the box height so operator can further push the box under the upper drive belts.

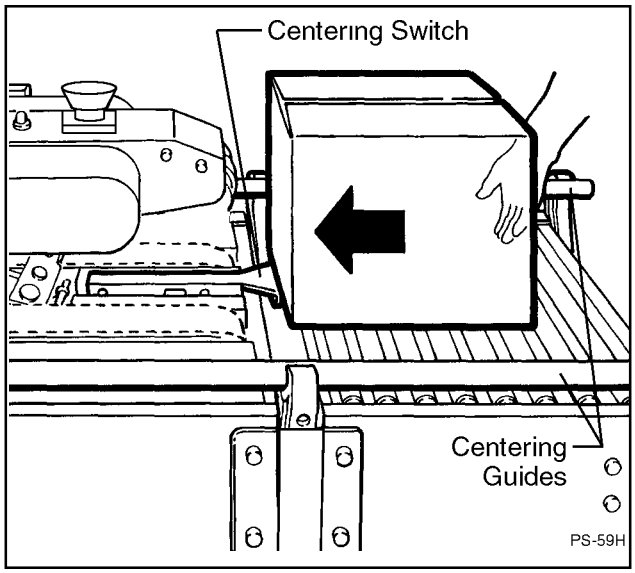


Figure 3-8 – Box Centering Guide

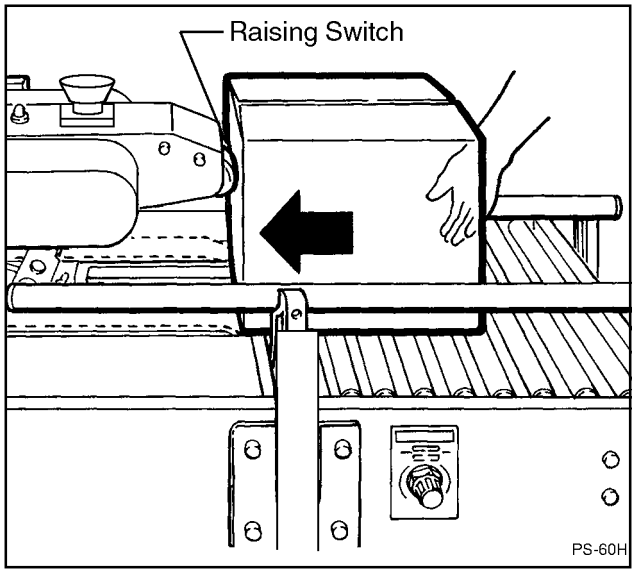


Figure 3-9 – Upper Frame Raising Switch

Figure 3-10 Once the box is pushed under the upper frame, the upper frame raising switch is released, allowing the upper frame (drive belts/ taping head) to descend on the box. The drive belts convey the box through the upper and lower taping heads for application of the tape seals. ***Note –*** *downforce of the upper frame is adjusted with "Top Drive Assembly Force Adjust" air regulator.*

As the box is conveyed through the machine, the centering switch is released, causing the centering guides to return to their full open position.

Once the box is conveyed from under the upper taping head, the upper frame descends to its rest position, ready for insertion of the next box

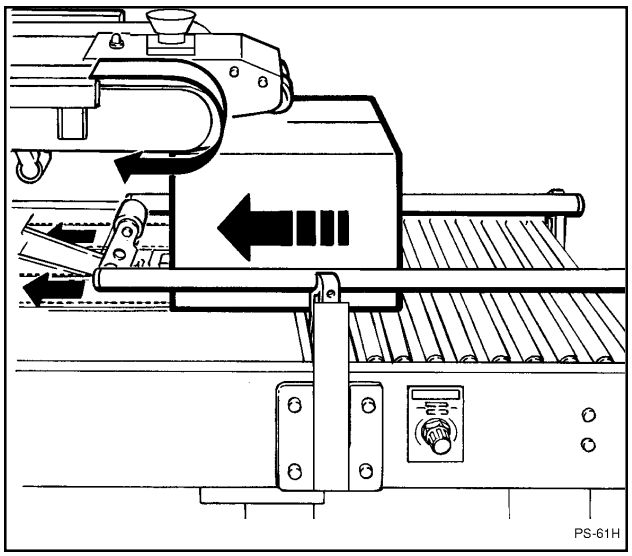


Figure 3-10 – Applying Tape Seals

5. Turn electrical and air supplies "Off" when machine is not in use.

6. Reload and thread tape as necessary.

7. Be sure machine is cleaned and lubricated according to recommendations in "Maintenance" section of this manual.

Notes –

1. *Machine or taping head adjustments are described in the "Adjustment" Section of this manual.*

2. *Box drive motors are designed to run at a moderate temperature of 40°C [104°F]. In some cases, they may feel hot to the touch.*

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WARNING – Turn off and disconnect electrical and air supplies before beginning maintenance. Failure to do so could result in severe personal injury.

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.

Cleaning

Note – *Never attempt to remove dirt from the machine 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.

Air Line Filter

Periodically check the air filter and clean as necessary. Also, drain water from bowl by pushing drain valve up on bottom of bowl. **Do not allow water to accumulate above filter element.**

Lubrication

Most of the machine bearings, including the drive motor, are permanently lubricated and sealed and do not require additional lubrication.

Figures 4-1 illustrates the machine points that do require lubrication every 250 hours of operation. Lubricate the points, indicated by the arrows, (➡) with SAE #30 non-detergent oil and the points indicated by the arrows, (➪) with a small amount of multi-purpose grease.

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.*

TAPING HEAD LUBRICATION – See Section II, "Maintenance – Lubrication", page 10.

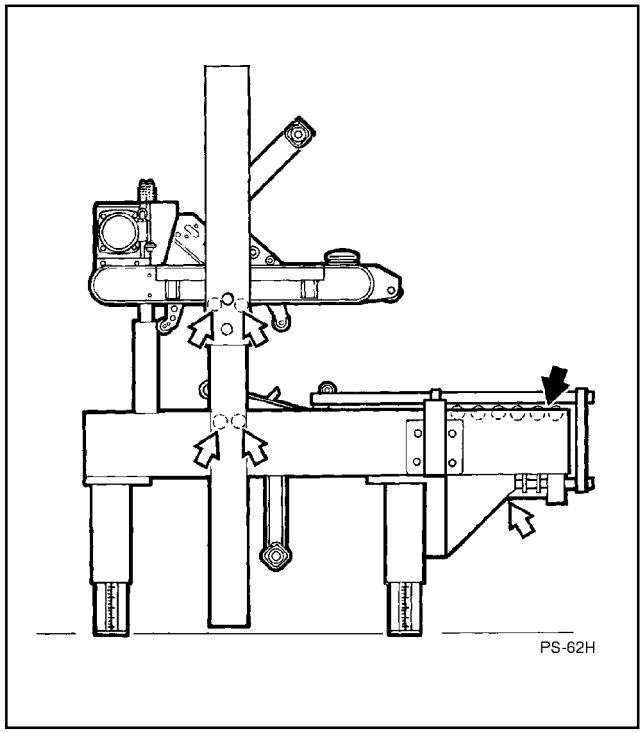

Figure 4-1 – Lubrication Points – Frame

Maintenance (Continued)

Drive Belt Replacement/Tension Adjustment

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

Upper Drive Belts

REPLACEMENT – STEPS 1-8
TENSION ADJUSTMENT – STEPS 1-3 & 6-8

Figure 4-2

1. Remove (4) M5 flat head screws **(A)** with 3 mm hex key wrench that secure upper frame center cover **(B)**, turn cover sideways and move to back of opening.
2. Loosen hex head M8 tension screw **(C)** with 13 mm wrench.
3. Hold or block upper drive belt back and loosen M10 lock nut **(D)** with 17 mm wrench.
4. Rotate belt on pulleys until splicing pin **(E)** is at bottom.
5. Remove splicing pin and attach new belt to old belt with splicing pin. Pull new belt around pulleys with old belt. Remove old belt and install splicing pin in new belt.

   Note: *Pin must not extend beyond edge of belt.*

Figure 4-3

6. Adjust belt tension. Turn hex head M8 tension screw **(C)** out to tighten belt. Use a force gauge to pull the belt out 25 mm [1 inch] at midspan with a pulling force of 3,5 kg [7 lbs].

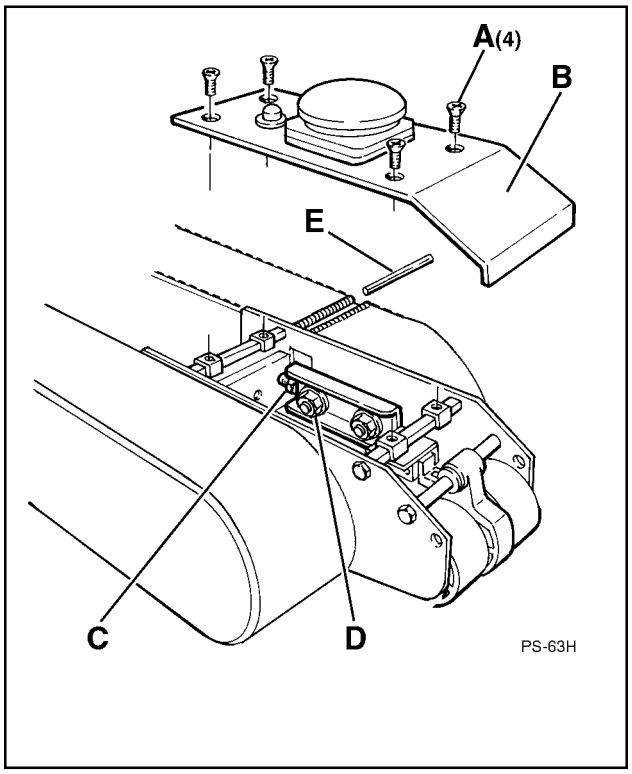

Figure 4-2 – Upper Drive Belt Replacement

Figure 4-2

7. Tighten M10 lock nut **(D)** to secure tension setting.
8. Replace upper frame cover with (4) M5 flat head screws.

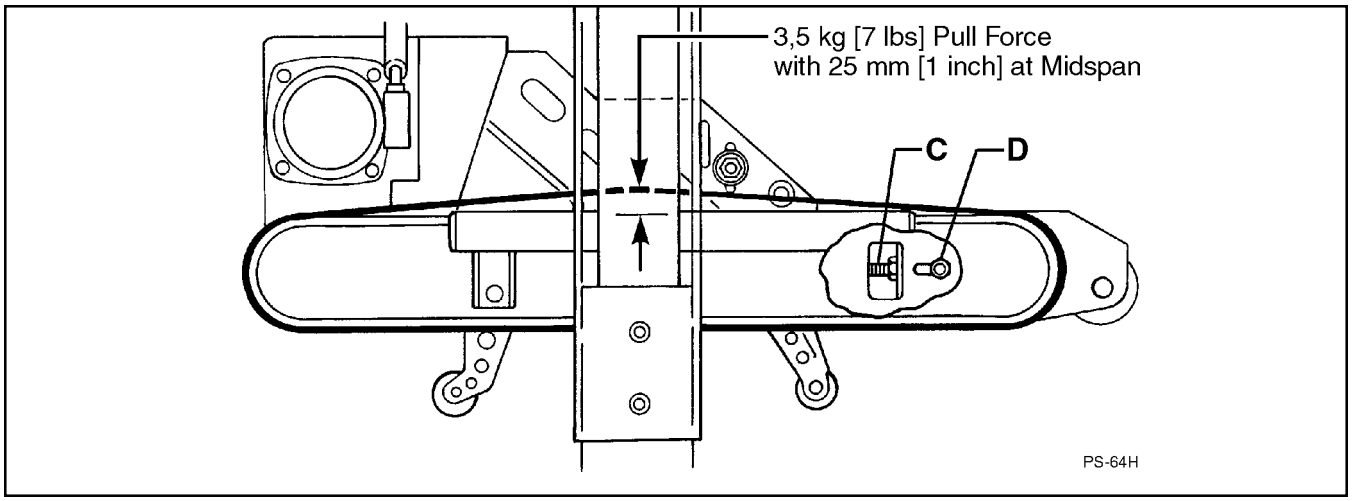

Figure 4-3 – Belt Tension Adjustment, Upper Belt(s)

Maintenance (Continued)

Lower Drive Belt(s)

REPLACEMENT – STEPS 1-9
TENSION ADJUSTMENT – STEPS 1-4 & 7-9

Figure 4-4

1. Remove (4) M5 flat head screws **(A)** (3 mm hex key wrench) that secure center plate **(B)** and remove center plate.
2. Remove (4) M6 socket head screws **(C)** (5 mm hex key wrench) from side plate **(D)** and remove side plate.
3. Loosen hex head M8 tension screw **(E).**
4. Loosen, but do not remove, M20 lock nut **(F)** on side of belt pulley frame with 19 mm wrench.
5. Pull belt splicing pin out and remove old belt.
6. Place new belt over pulleys with laced splice at top. Insert splicing pin. ***Note: Pin must not extend beyond edge of belt.***

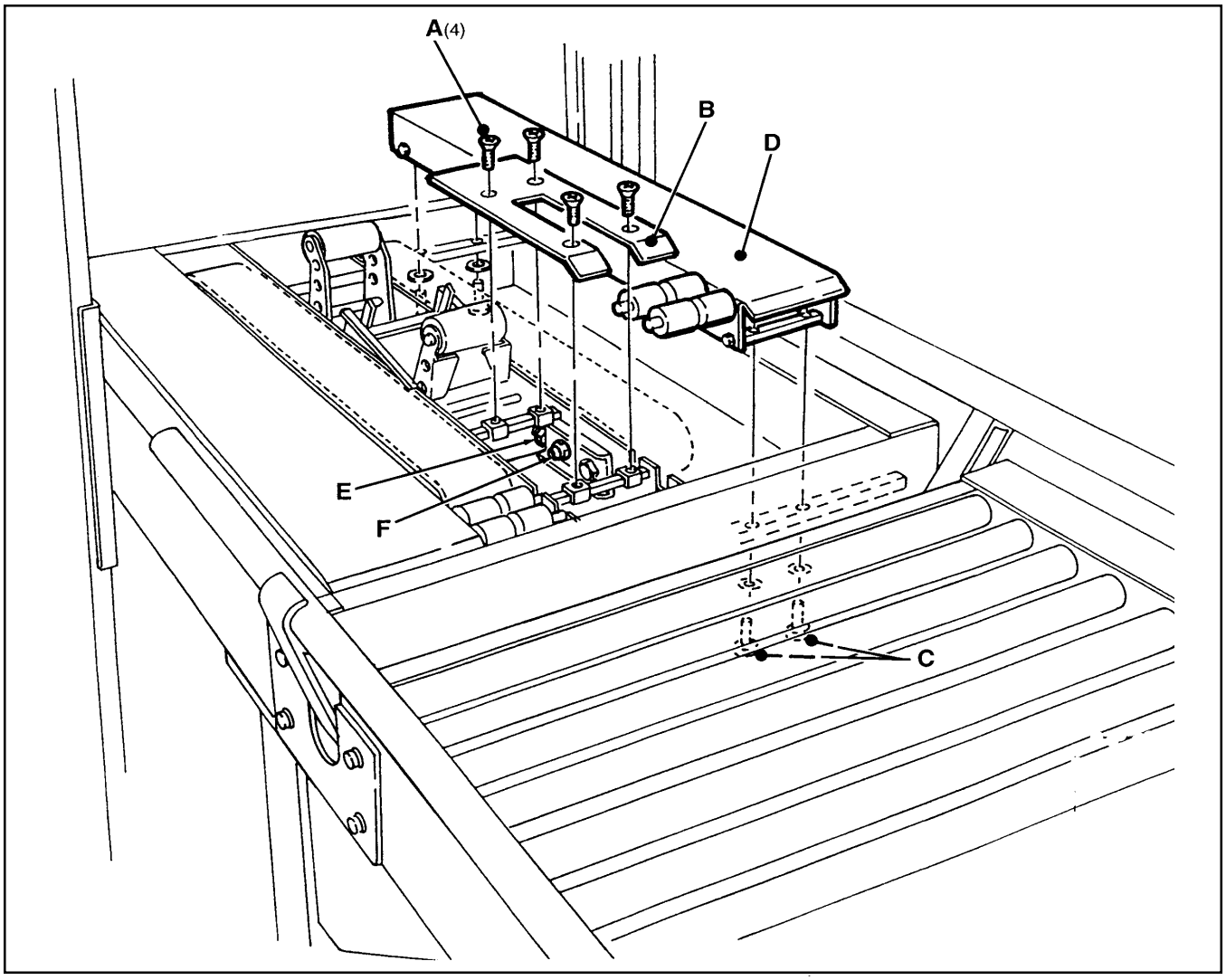

Figure 4-4 – Lower Drive Belt Replacement

Figure 4-5

7. Adjust drive belt tension. Turn M8 tension screw **(E)** out to increase belt tension. Use a force gauge to pull the belt outward 25 mm [1 inch] at midspan with a pulling force of 3.5 kg [7 lbs].

   Tighten M20 lock nut **(F**) to secure tension setting.

Figure 4-4

8. Install side plate **(D)** with (4) M6 socket head screws **(C)**.

9. Replace center plate **(B)** with (4) M5 flat head screws **(A)**.

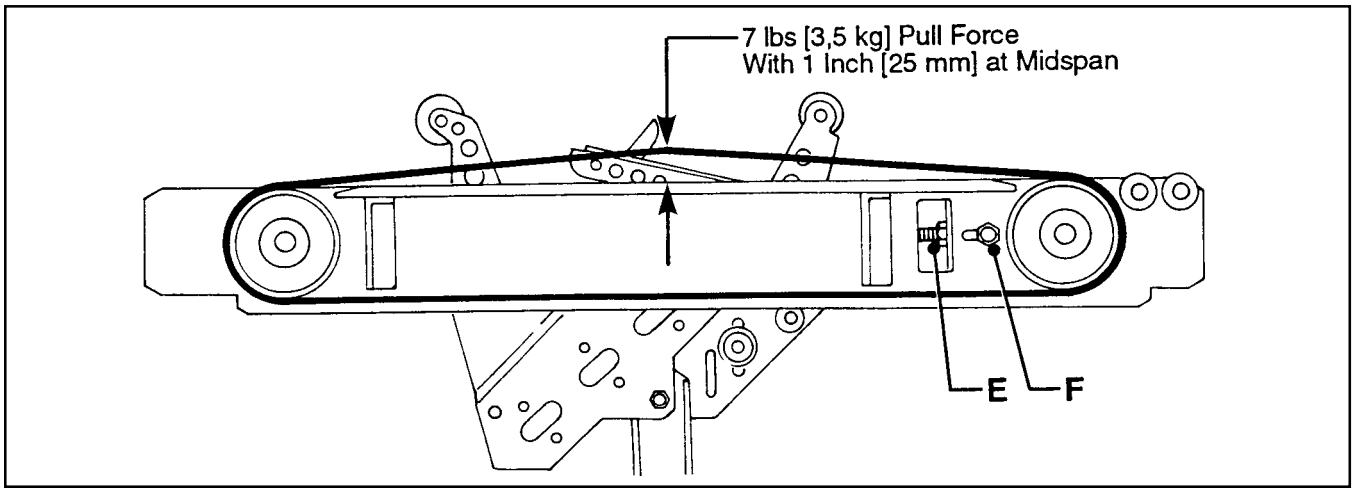

Figure 4-5 – Belt Tension Adjustment, Lower Belt(s)

Circuit Breaker

The case sealer is equipped with a circuit breaker which trips if the motors are overloaded. Located inside the electrical enclosure on the side of the machine frame just below the machine bed, the circuit breaker has been pre-set at 3.5 amps and requires no further maintenance.

WARNING – The following procedure must be performed by trained service personnel because of the high voltage electrical hazard within the control box.

If circuit is overloaded and circuit breaker trips, unplug machine from electrical power:

1. Determine cause of overload and correct.
2. Remove electrical enclosure cover.
3. Press the red "Reset" button and then the green "Start" button.
4. Replace cover.
5. Plug in machine.
6. Press machine "On" button to resume case sealing.

Knife Replacement, Taping Head

See Section II, "Maintenance – Knife Replacement", page 9.

Adjustments

WARNING – Turn off and disconnect electrical and air supplies before beginning adjustments. Failure to do so could result in severe personal injury.

Drive Belt Tension

To adjust drive belt tension, refer to "Maintenance – Drive Belt Replacement", page 24 (upper belts) or page 25 (lower belts).

Taping Head Adjustments

Refer to Section II, "Adjustments", pages 11-13.

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Special Set-Up Procedure

WARNING – Turn off and disconnect electrical and air supplies before beginning special set-up procedure. Failure to do so could result in severe personal injury.

Upper Frame Assembly – Operating Range

The operating range (height) of the upper frame assembly can be adjusted to minimize its movement to the range of box heights being sealed, therefore increasing operating speed. The range is established by limiting the lowest (rest) position of the upper drive assembly with the column stop bumpers on the inner columns or with the adjustable collars on the column lift cylinders.

The **Column Stop Bumpers** are adjusted and used if various height boxes are going to be sealed. The **Adjustable Collars** are used and locked in position when sealing a continuous supply of the same height box.

To adjust Column Stop Bumpers:

1. Jog the minimum height box into the case sealer and stop it under the upper drive assembly as shown in Figure 5-1A. Shut off the air and electric supplies.

2. Remove and retain the screws, washers, column guards and bumper stop plates on both outer columns as shown in Figure 5-1B.

3. Remove and relocate the stop bumper assembly to lowest available mounting position on both sides of the inner column assembly. Figure 5-1-C. Be sure the stop bumpers are reassembled as shown and secure.

4. Install the stop bumper plates and column guards with the washers and screws as shown. Figure 5-1-B.

5. Turn on the air and electric supplies and start the drive belts to convey the box out of the machine. The drive assembly will then descend to the lowest position necessary to accommodate your range of box sizes.

To adjust Adjustable Collars:

1. Jog the box to be sealed into the case sealer and stop it under the upper drive assembly as shown in Figure 5-1A. Shut off the air and electric supplies.

2. Loosen (if necessary) and slide the collar down to the cylinder cap and tighten the adjustable collar clamp screw on both cylinders. Figure 5-1D.

3. Turn on the air and electric supplies and start the drive belts to convey the box out of the machine. The drive assembly will remain at this height to seal this height boxes but will also automatically raise and seal higher boxes.

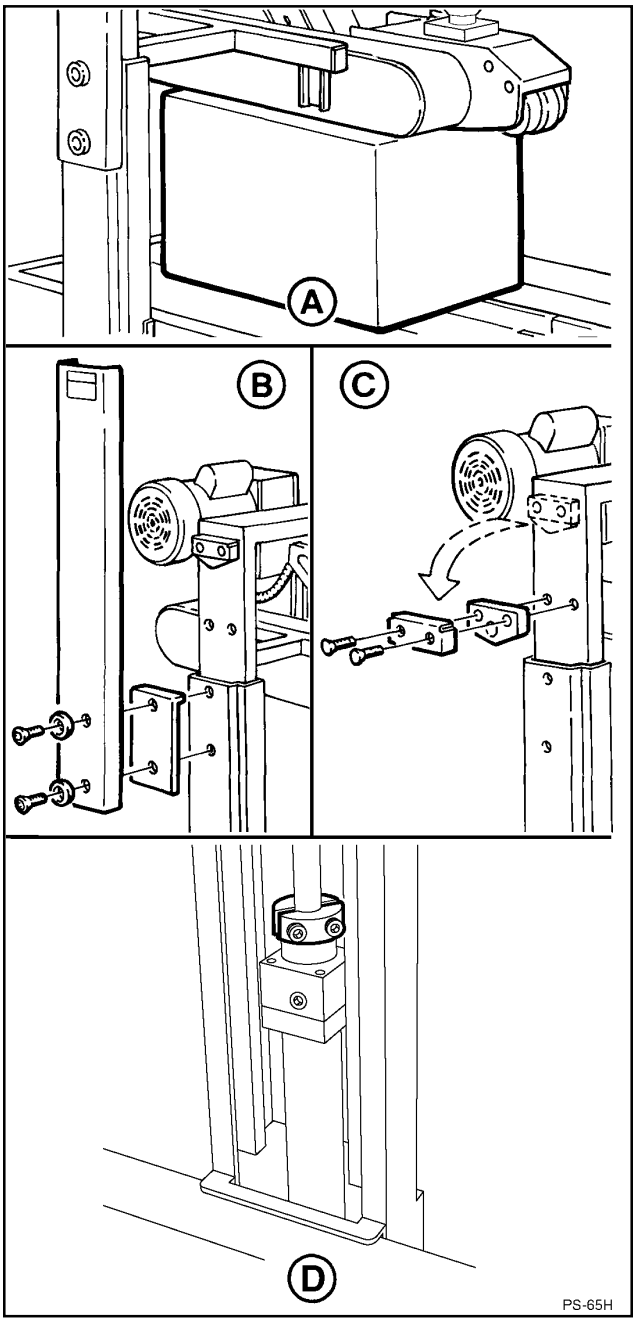

Figure 5-1 – Upper Frame Stop Bumpers

Special Set-Up Procedure (Continued)

Tape Leg Length

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

WARNINGS

1. **Use care when working near tape cut-off knife as knife is extremely sharp. If care is not taken, severe injury could occur.**
2. **When removing the upper taping head mounting screws, support or hold the taping head to prevent it from falling.**
3. **Taping head weighs approximately 7.32 kg [16 lbs]. Use proper lifting techniques when removing or installing taping head.**

1. Remove taping heads from machine.

   Upper taping head – remove and retain four mounting screws as shown in Figure 5-2 and remove taping head.

   Lower Taping head – raise and latch upper taping head frame in its full "Up" position.

   Turn air supply "Off" at on/off valve.

   Lift lower taping head straight up to remove from machine bed.

2. Refer to Section II, page 13, "Tape Leg Length – Changing Tape Leg Length from 70 to 50 mm [2-3/4 to 2 inches]".

3. Install taping heads in machine reverse of disassembly.

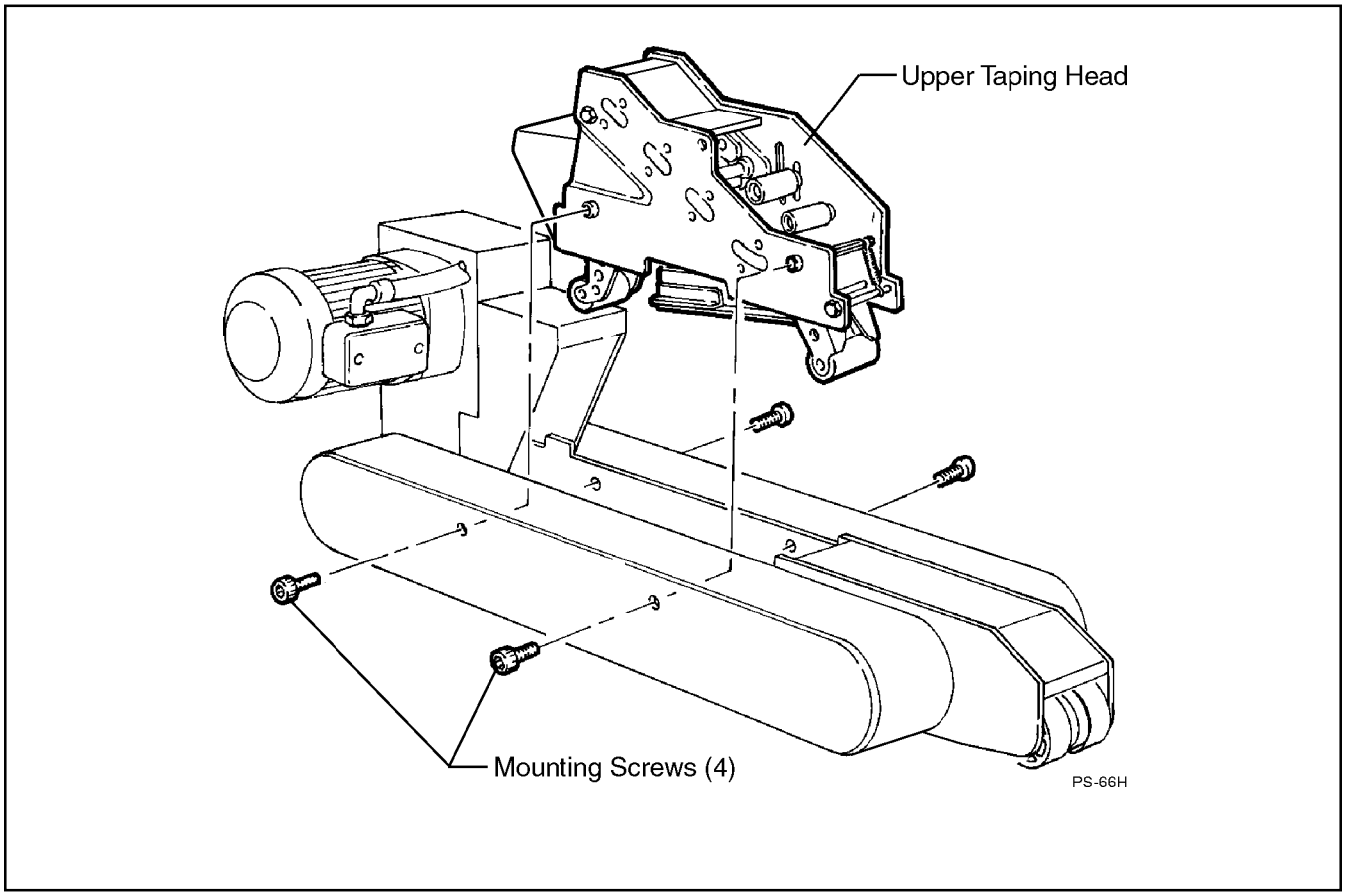

Figure 5-2 – Upper Taping Head, Removal

Special Set-Up Procedure (Continued)

Upper Taping Head Frame – Re-positioning
Figure 5-3

> **WARNING – It is recommended that no less than two people assist on this set-up or severe injury or equipment damage could result.**

1. Raise and latch the upper taping head frame in its full "Up" position.
2. Place solid blocks (minimum 305 mm [12 inches] high) beneath upper frame in front of upper taping head applying roller and behind taping head buffing roller. **Important – blocks must be the same height in order to keep drive belts parallel with machine bed.**
3. Unlatch upper frame and allow it to come to rest on blocks.
4. Turn off and disconnect air supply to machine.
5. Remove the four M8 socket head capscrews with 6 mm hex key wrench from each side of the upper frame crossbar.
6. Move inner column assembly up/down until the desired hole location is achieved. ***Note: When adjusting frame to lowest position on columns (small boxes), the four mounting holes ABOVE the upper frame crossbar are used.***
7. Install four M8 socket head capscrews on each side of upper frame crossbar. **Do not tighten.**
8. Check to be sure upper drive belts are parallel to machine bed. Measure from machine bed to upper belts, front and rear and adjust upper frame as necessary to make it parallel with machine bed. Tighten belts installed in step 8.
9. Connect/turn on air supply to machine and raise upper frame, latch in place, remove blocks and unlatch upper frame allowing it to return to its rest position

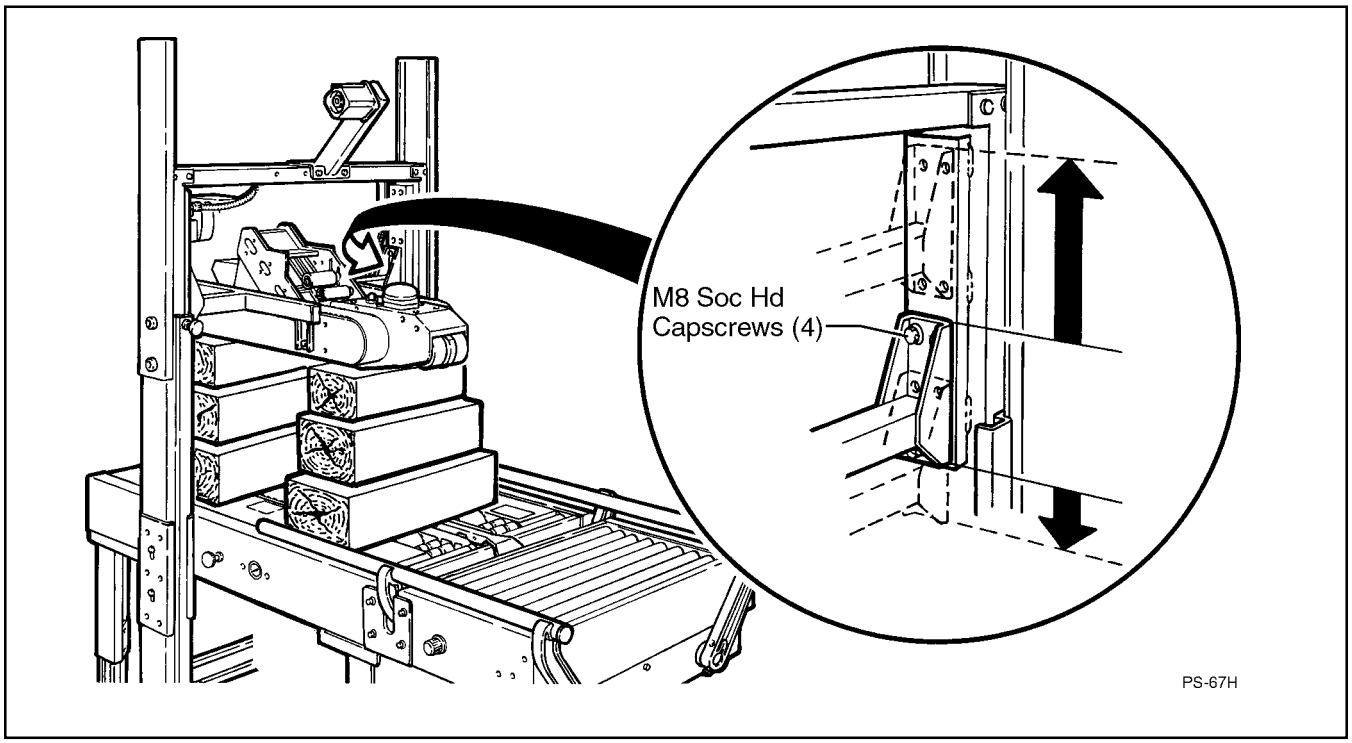

Figure 5-3 – Upper Taping Head Frame, Re-Positioning

Special Set-Up Procedure (Continued)

Outer Column – Re-Positioning

> **⚠ WARNING – It is recommended that no less than two people assist on this set-up or severe injury or equipment damage could result.**

Figure 5-4

1. Raise and latch upper taping head frame. **Turn air valve "Off".**
2. Remove four M5 flat head screws with 3 mm hex key wrench that secure center cover and remove cover.
3. Remove four M6 socket head capscrews (each side cover) with 5 mm hex key wrench that secure side covers and remove side covers.

Figure 5-5A

4. Place solid blocks 495 to 535 mm [19-1/2 to 21 inches] high beneath upper frame in front of upper taping head applying roller and behind taping head buffing roller.
5. Turn air valve "On". Unlatch upper frame and allow it to come to rest on blocks.
6. **Turn off and disconnect air supply to machine.**

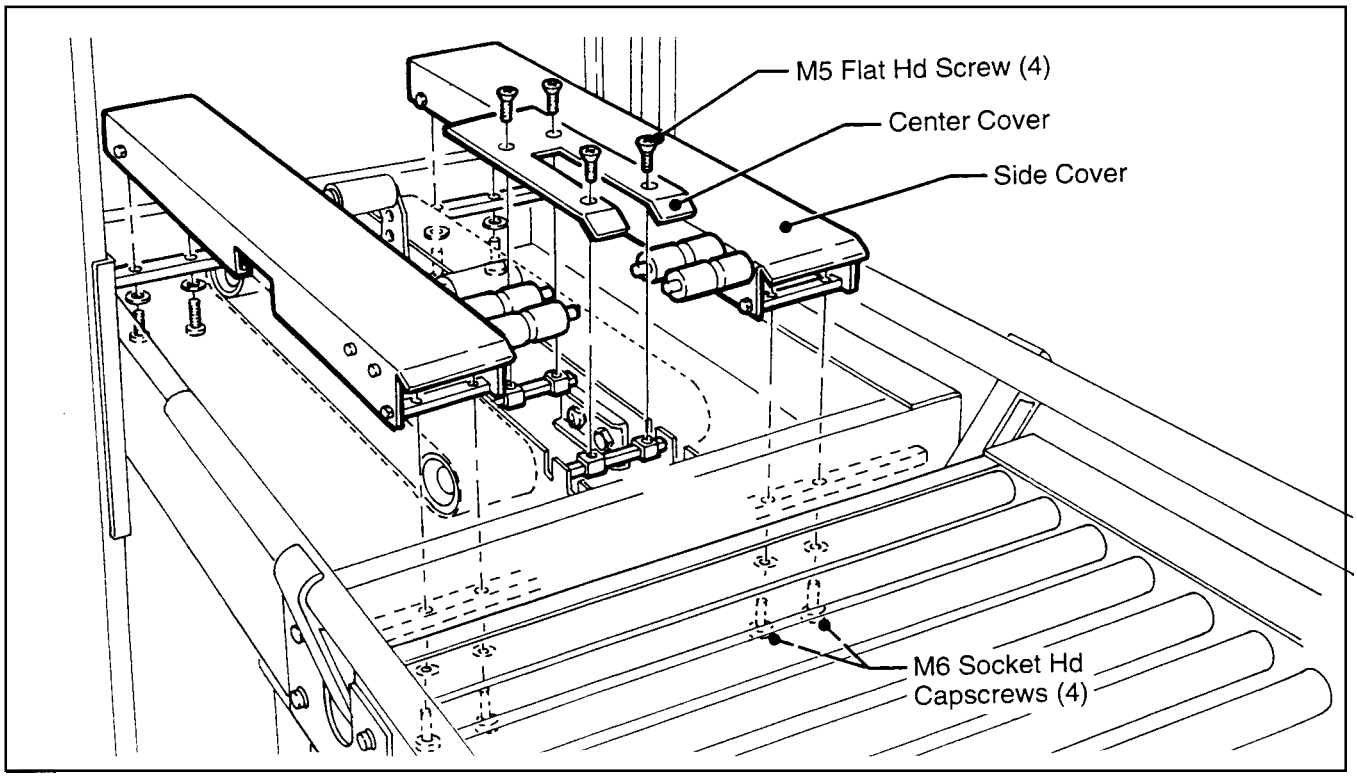

Figure 5-4 – Center/Side Cover

7. Place blocks or floor jack under crossbar that connects lower columns together at bottom.

8. Slide bolt hole cover plate on outer column up and remove four M8 socket head capscrews (each column) with 6 mm hex key wrench from "A" and "B" positions on lower column assemblies and nut plates.

Figure 5-5B

9. Raise outer columns approximately 110 mm [4-1/4 inches] (jack or block up). Line up holes "B" and "C" with holes on the side of machine frame and install four M8 capscrews through column, machine frame and into nut plate. **Do not tighten.** ***Note – if columns are difficult to move, remove two bolts at one end of outer column lower crossbar.***

10. Using carpenters square, line up column perpendicular to machine bed. Tighten M8 capscrews at "B" and "C" positions. Repeat this procedure for both columns.

11. Connect/turn on air supply to machine and raise and latch upper frame. Turn air supply **"Off"** and remove blocking used to support upper frame.

12. Install center cover and side covers removed in Steps 2 and 3.

13. Turn air supply **"On"**, unlatch upper frame and allow frame to return to its rest position.

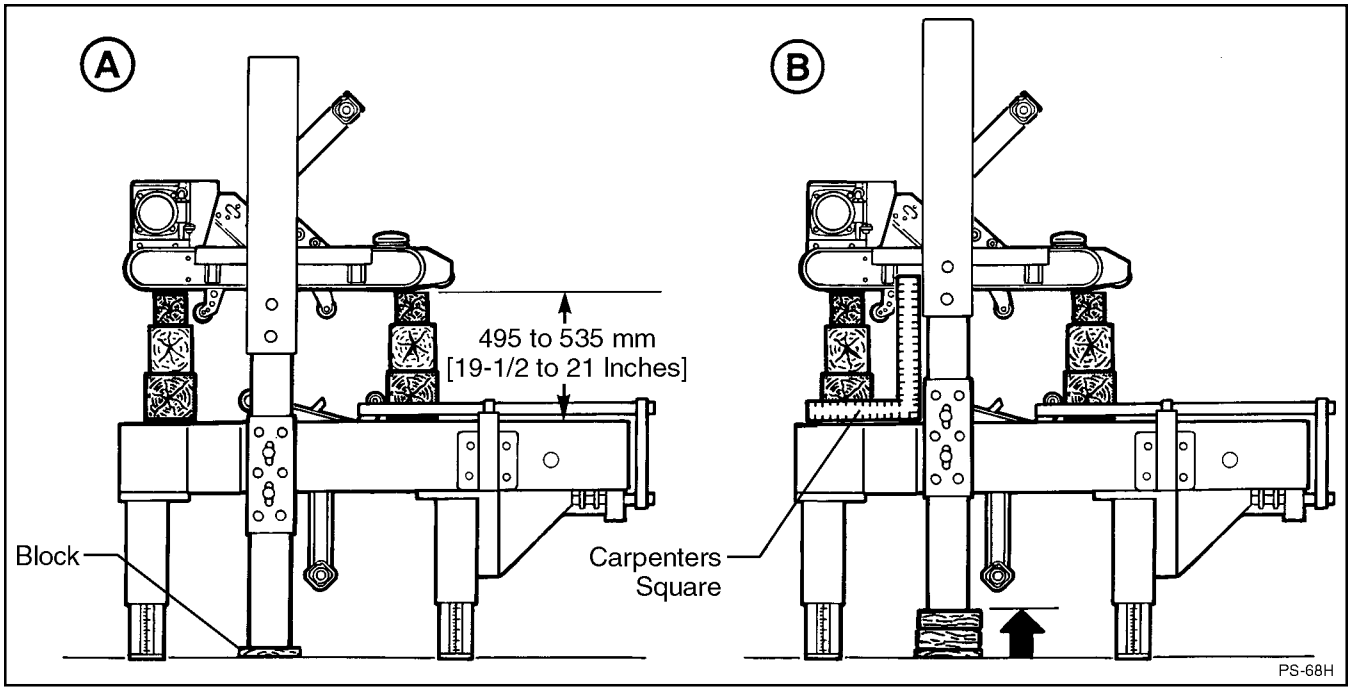

Figure 5-5 – Column Re-positioning

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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
	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
Squeaking noise as boxes pass through machine	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
	Box flaps not of equal length	Check box specifications

(continued)

Troubleshooting (Continued)

Troubleshooting Guide

Problem	Cause	Correction
Upper drive assembly does not move up or moves up slowly	Lower air pressure	Disconnect the air supply. Make sure main pressure regulator reads zero. Reconnect air supply and adjust regulator to read 70 PSIG [5 bar].
	Defective head raising valve	Clean or replace head raising valve
	Worn head raising valve actuator	Replace valve
	Clogged or damaged exhaust mufflers on the upper ends of the head raising cylinders	Clean or replace exhaust mufflers
	Defective head power valve	Clean or replace the head power valve
Upper taping head does not move down at the end of the taping cycle	Upper drive assembly force adjust regulator set too light	Adjust the upper drive assembly force adjust regulator to increase the force against the top of the box. Turn air regulator counterclockwise
	Defective top drive assembly force adjust regulator	Replace regulator
	Defective one-way valve	Clean or replace valve
	Defective head power valve	Clean or replace valve
Upper drive assembly comes down too fast or too hard	Upper drive assembly force adjust regulator set too heavy	Adjust upper drive assembly force adjust regulator to decrease force against top of box. Turn regulator clockwise
	Defective upper drive assembly force adjust regulator	Replace regulator
	Cushion screw misadjusted	Adjust cushion screw at base of cylinder
	Cushion screw missing	Replace screw
Centering guides move slower than normal	Centering guide force adjust regulator set too low	Adjust regulator
	Centering guide cylinder speed control not in correct adjustment	Adjust speed controls mounted on centering guide cylinder
	Defective centering guide power valve	Clean or replace valve

Electrical Diagram

WARNING – Turn off and disconnect electrical and air supplies before beginning electrical service. Failure to do so could result in severe personal injury or equipment damage.

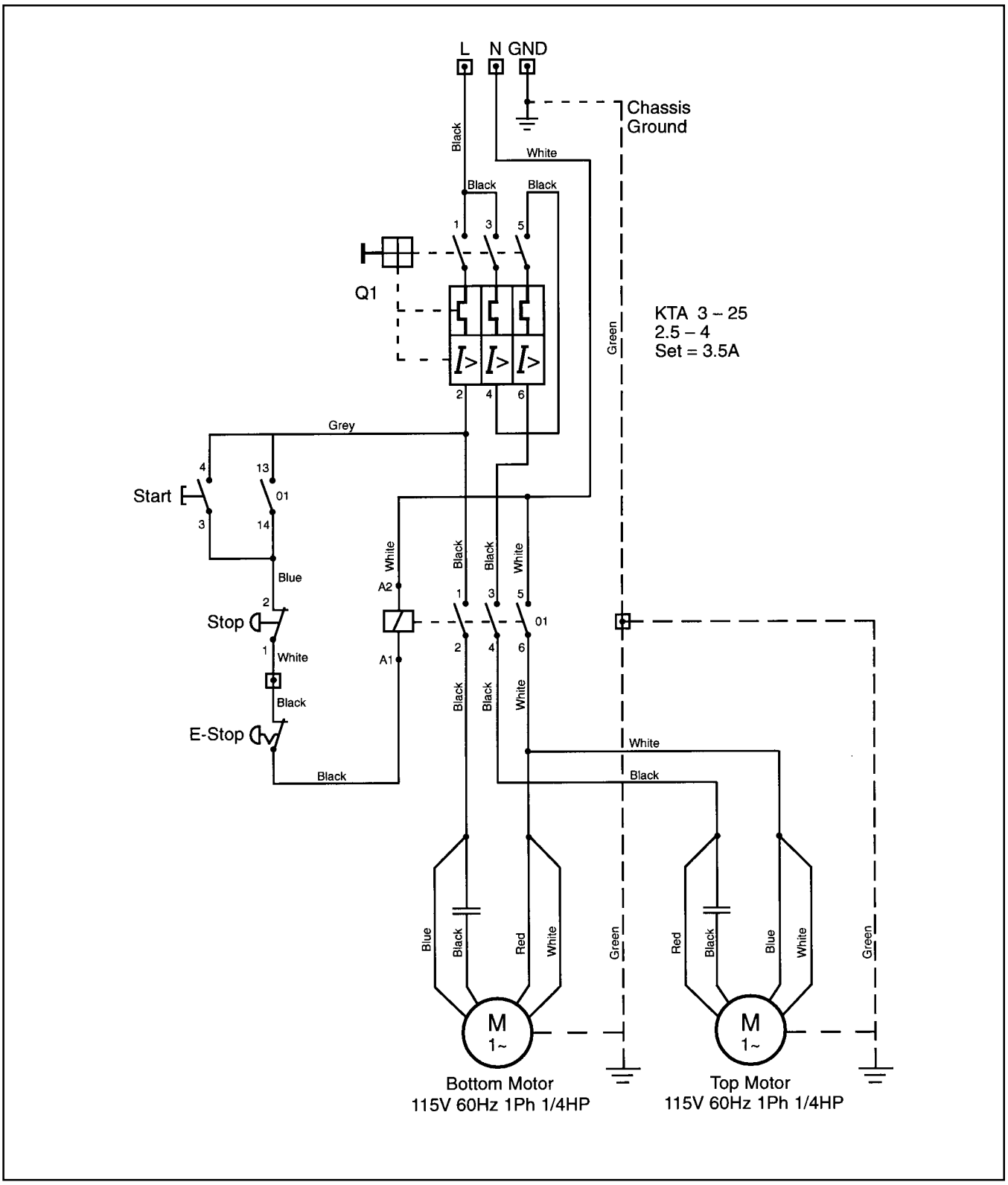

Figure 6-1 – Electrical Diagram

Pneumatic Diagram

WARNING – Turn off and disconnect electrical and air supplies before beginning pneumatic service. Failure to do so could result in severe personal injury or equipment damage.

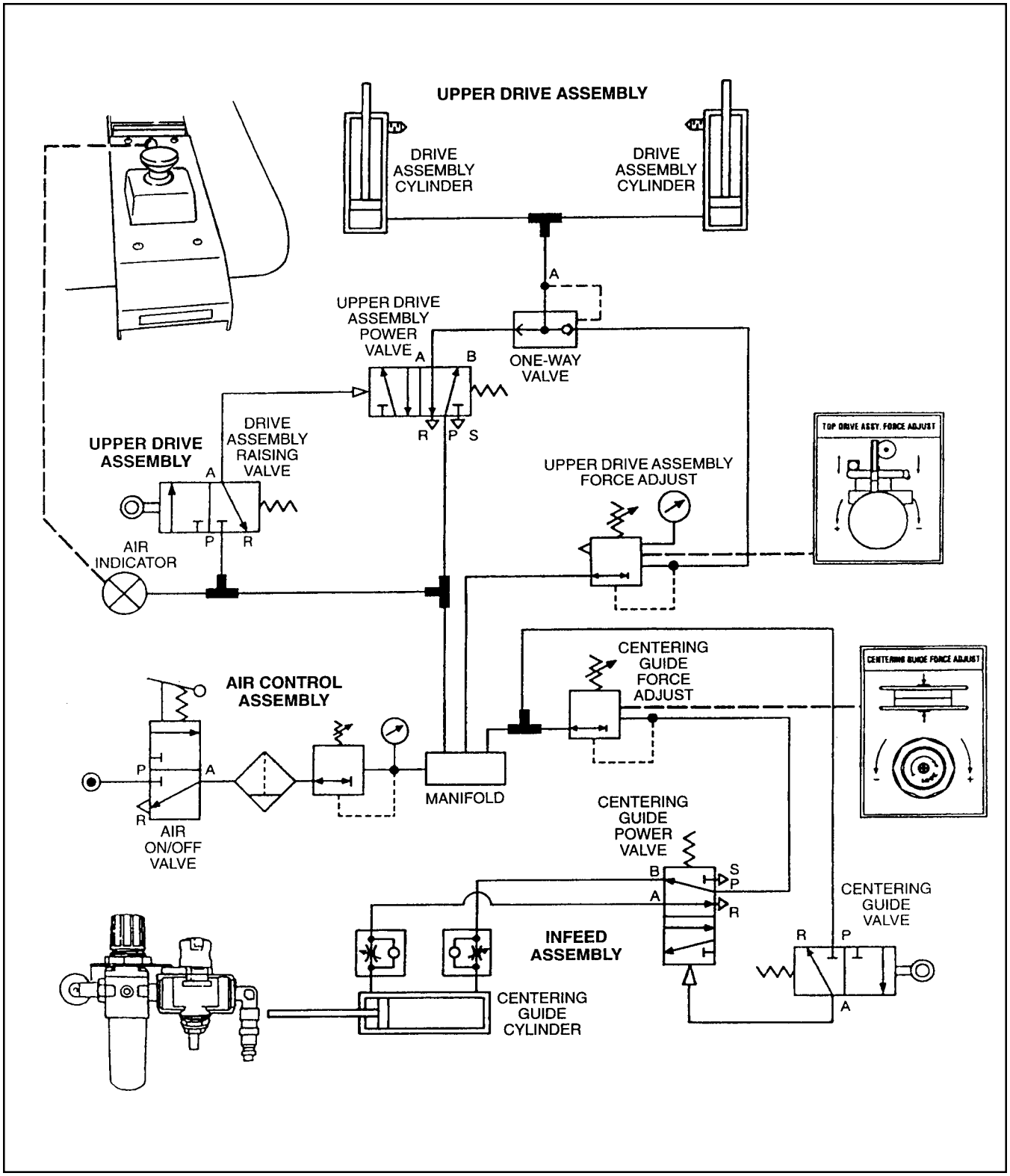

Figure 6-2 – Pneumatic Diagram

Spare Parts/Service Information

Spare Parts – 700rks Random Case Sealer

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

Qty.	Ref. No.	Part Number	Description
4	3895-34, 7357-38	78-8052-6722-2	Belt – Drive

Also see Section II, "AccuGlide Taping Heads", page 17 for suggested taping head spare parts.

Label Kit

A label kit, part number 78-8111-1404-6, is available as a stock item. It contains all the safety labels used on the 700rks Random Case Sealer.

Tool Kit

A tool/parts kit, part number 78-8098-8868-4, is supplied with the machine 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.

Replacement Parts Ordering Information 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
78-8069-3983-7	Caster Kit Attachment
78-8079-5574-1	Conveyor Extension Attachment, Type 19300 (Exit end only)
78-8069-3926-6	Low Tape Sensor Kit
78-8079-5581-6	Bracket, Low Tape Sensor
78-8079-5560-0	Tape Application Sensor Kit
78-8095-4852-8	3 Inch Tape Edge Fold Attachment – Upper
78-8095-4853-6	3 Inch Tape Edge Fold Attachment – Lower
78-8069-3924-1	Conveyor Extension Attachment

Replacement Parts – Illustrations and Parts Lists
700rks Adjustable Case Sealer, Type 29800
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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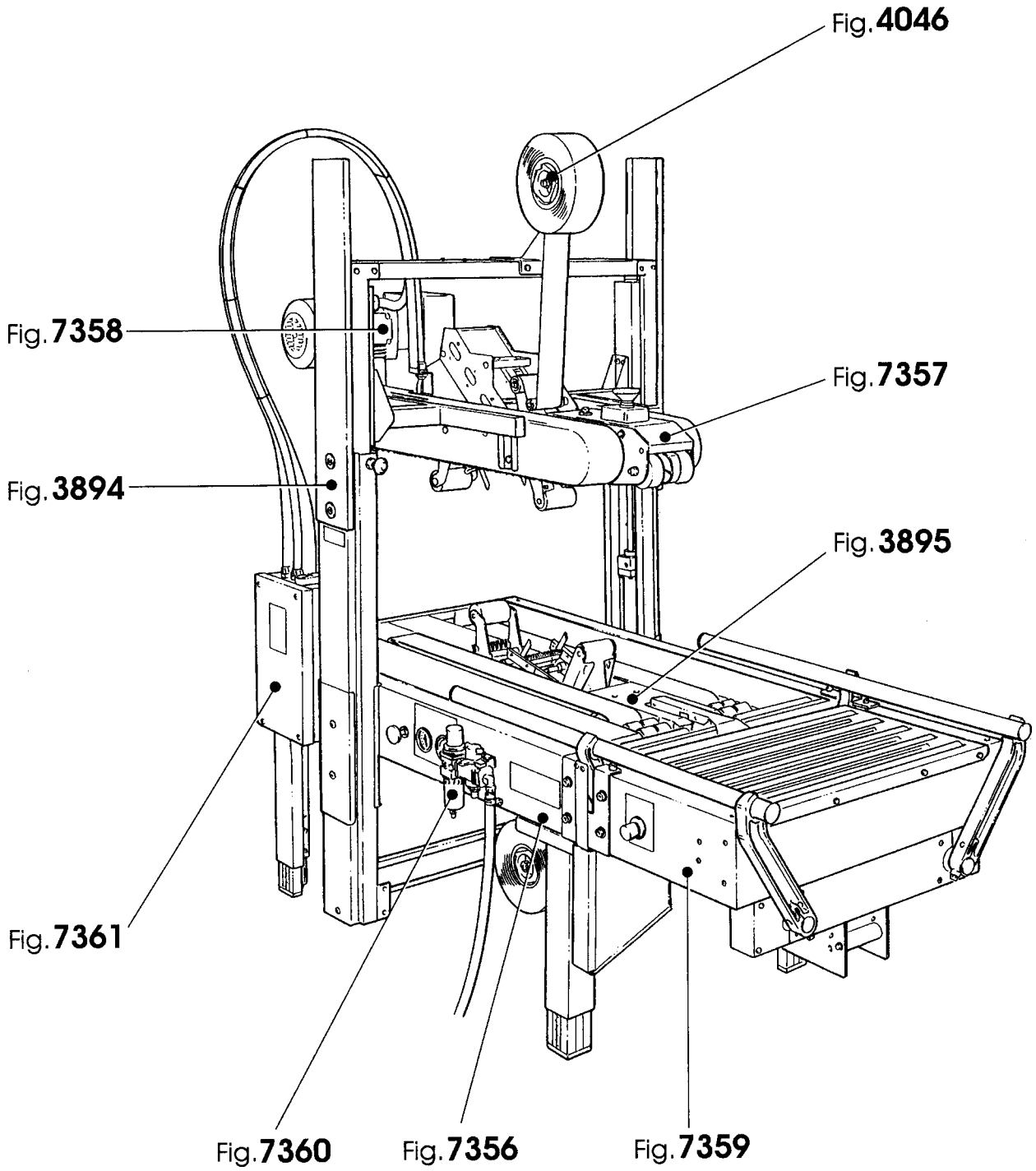
700rks Adjustable Case Sealer



Frame Assemblies

700rks Adjustable Case Sealer

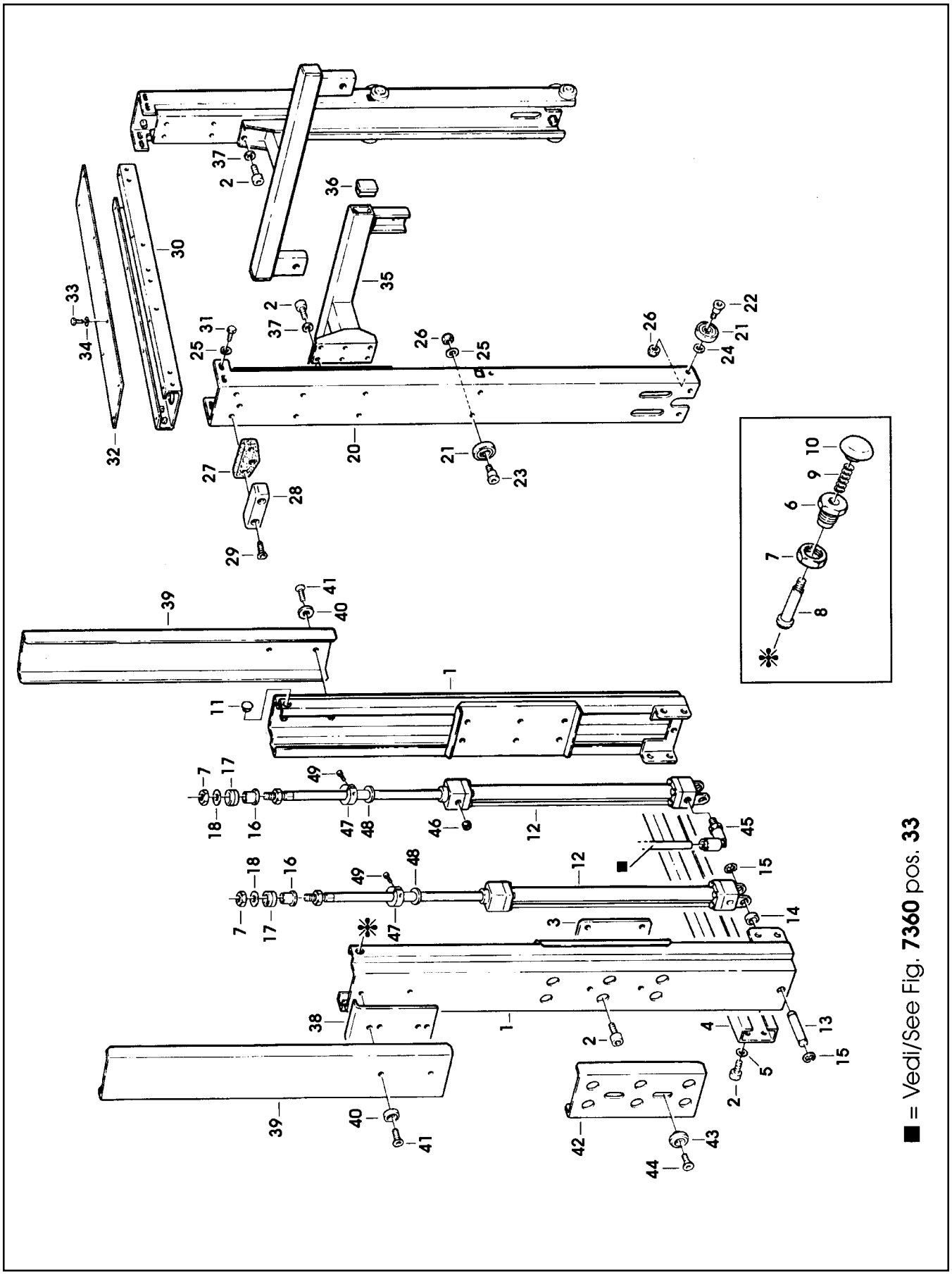


Figure 3894

Figure 3894

Ref. No.	3M Part No.	Description
3894-1	78-8091-0614-5	Column – Outer
3894-2	26-1003-7964-8	Screw – Soc Hd Soc Dr, M8 x 20
3894-3	78-8076-5474-0	Plate Assembly – Column Mount
3894-4	78-8091-0571-7	Crossbar – Lower
3894-5	78-8017-9318-9	Washer – Plain 8 mm
3894-6	78-8091-0615-2	Bushing – Stop
3894-7	78-8017-9169-6	Nut – M18 x 1
3894-8	78-8076-4544-1	Stud – Height Stop
3894-9	78-8076-4545-8	Spring
3894-10	78-8100-0954-4	Knob
3894-11	78-8076-4547-4	Cap
3894-12	78-8055-0711-4	Cylinder – Air, 32 X550L MM
3894-13	78-8054-8966-9	Pin – Air Cylinder Clevis
3894-14	78-8054-8828-1	Spacer – 10,5/16X14, 5mm
3894-15	78-8060-8035-0	E-Ring – 7DIN6799
3894-16	78-8054-8824-0	Rod – End
3894-17	78-8054-8823-2	Washer – Bumper
3894-18	78-8054-8822-4	Washer – 18,2/35X2
3894-20	78-8091-0573-3	Column – Inner
3894-21	78-8054-8617-8	Bearing – Special
3894-22	78-8017-9106-8	Screw – Bearing Shoulder
3894-23	78-8054-8589-9	Screw – Special
3894-24	78-8054-8576-6	Spacer
3894-25	26-1000-0010-3	Washer – Flat M6
3894-26	26-1003-6916-9	Nut – Locking Plastic Insert, M6
3894-27	78-8060-7916-2	Bumper
3894-28	78-8091-0617-8	Plate – Support, Bumper
3894-29	78-8060-7918-8	Screw – Flat Soc Hd, M6 x 25
3894-30	78-8091-0618-6	Crossbar – Column
3894-31	78-8032-0375-7	Screw – Hex Hd, M6 x 16
3894-32	78-8091-0619-4	Cover – Crossbar
3894-33	78-8010-7157-8	Screw – Hex Hd, M4 x 10
3894-34	78-8005-5740-3	Washer – Plain 4 mm
3894-35	78-8091-0620-2	Support – Upper Assembly
3894-36	78-8054-8593-1	End – Cap
3894-37	78-8005-5736-1	Lockwasher – For M8 Screw
3894-38	78-8091-0621-0	Plate – Outer Column
3894-39	78-8122-6540-9	Guard – Column, W/English Language Labels
3894-40	78-8054-8577-4	Washer – Special
3894-41	78-8060-8179-6	Screw – Flat Hd Hex, M6 x 20
3894-42	78-8091-0580-8	Plate – Protection
3894-43	78-8091-0581-6	Stop – Protection
3894-44	78-8057-5726-3	Screw – F.H. Soc Hd, M6 x 15
3894-45	78-8091-0313-4	Elbow – 3199.08.10
3894-46	78-8094-6457-7	Cap – 1/8 Inch
3894-47	78-8114-5061-4	Collar – Height Locking
3894-48	78-8100-1154-0	Washer – /30-15-05
3894-49	78-8059-5526-3	Screw – Soc Hd Hex Soc Dr, M6 x 15
3894	78-8060-8175-4	Seal Kit – Cylinder (For Item 3894-12)

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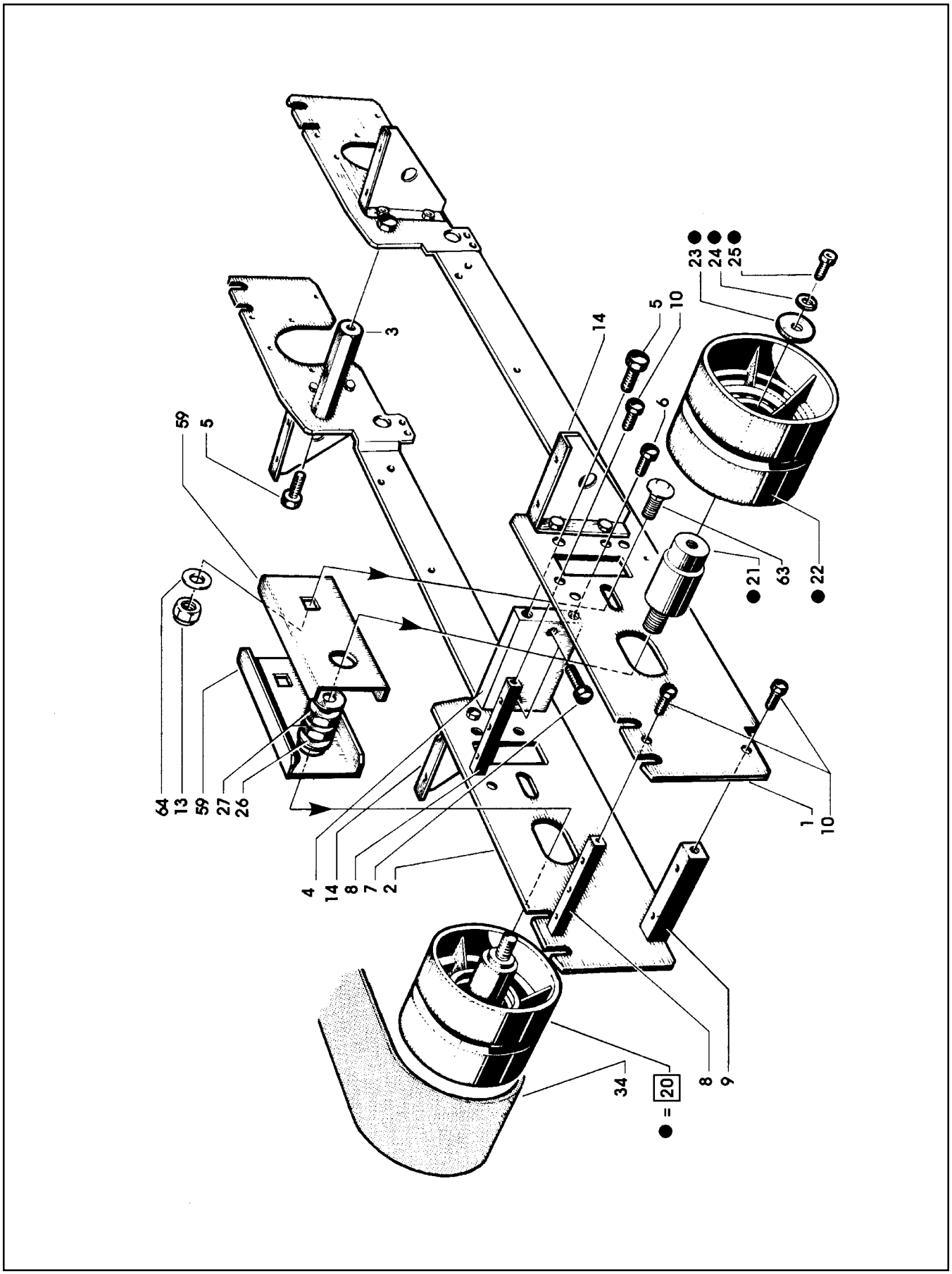

Figure 3895/1 of 2

Figure 3895 (Page 1 of 2)

Ref. No.	3M Part No.	Description
3895-1	78-8052-6708-1	Side Plate
3895-2	78-8054-8649-1	Lower Main Plate Left
3895-3	78-8055-0695-9	Spacer – Hexagonal
3895-4	78-8055-0697-5	Block – Spacer
3895-5	26-1003-5849-3	Screw – Hex Hd, M10 x 16
3895-6	78-8032-0375-7	Screw – Hex Hd, M6 x 16
3895-7	26-1003-5845-1	Screw – Hex Hd, M8 x 40
3895-8	78-8055-0694-2	Spacer – 10 x 10 x 115 mm
3895-9	78-8055-0703-1	Spacer – 15 x 15 x 115 mm
3895-10	78-8010-7169-3	Screw – Hex Hd, M6 x 12
3895-13	26-1003-6918-5	Nut – Plastic Insert, Hex M10
3895-14	78-8052-6706-5	Bracket
3895-15	26-1003-5820-4	Screw – Hex Hd, M5 x 12
3895-16	78-8010-7417-6	Nut – Hex, M5
3895-17	78-8052-6714-9	Guide – Drive Belt
3895-18	26-1005-5316-8	Screw – Flat Hd Hex Dr, M5 x 16
3895-19	78-8052-6715-6	Bracket
3895-20	78-8060-8151-5	Idler Roller Assembly
3895-21	78-8052-6711-5	Shaft – Roller
3895-22	78-8052-6710-7	Roller – Idler
3895-23	78-8052-6709-9	Washer – Special
3895-24	78-8010-7435-8	Washer – Lock M6
3895-25	26-1003-7957-2	Screw – Soc Hd Hex Hd, M6 x 16
3895-26	26-1004-5511-7	Washer
3895-27	26-1003-6906-0	Nut – M12
3895-28	78-8114-5043-2	Gearbox – Lower
3895-29	78-8055-0705-6	Spacer – Gearbox
3895-30	26-1003-5824-6	Screw – Hex Hd, M5 x 30
3895-31	78-8076-5105-0	Pulley Assembly – Drive
3895-32	78-8052-6713-1	Ring – Polyurethane

700rks Adjustable Case Sealer

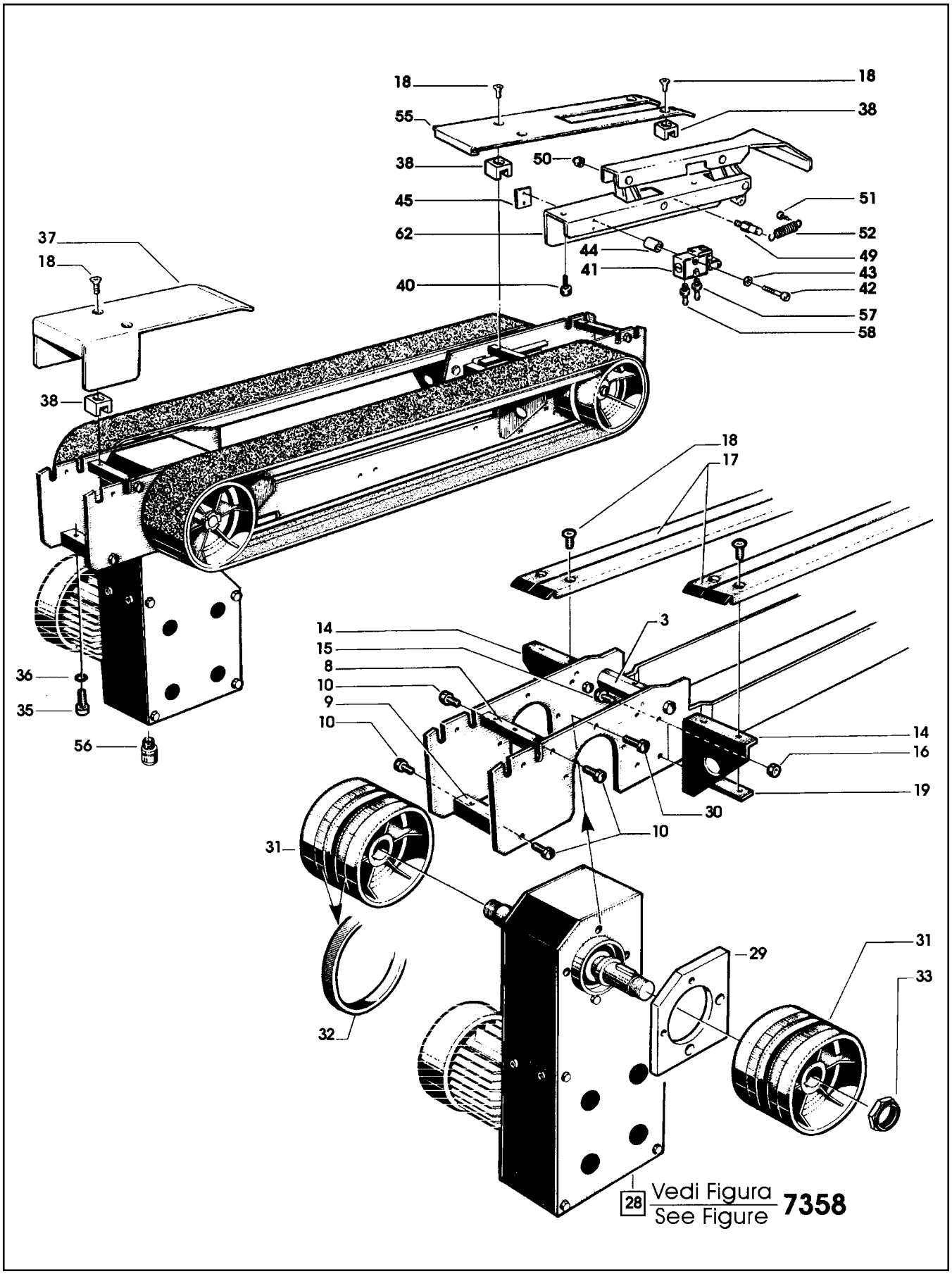

Figure 3895/2 of 2

Figure 3895 (Page 2 of 2)

Ref. No.	3M Part No.	Description
3895-33	78-8060-8416-2	Nut – Special, M20 x 1
3895-34	78-8052-6722-2	Belt – Box Drive
3895-35	78-8010-7209-7	Screw – Soc Hd, M6 x 12
3895-36	26-1000-0010-3	Washer – Flat M6
3895-37	78-8122-6532-6	Cover – Rear, W/English Language Labels
3895-38	78-8091-0655-8	Spacer – Cover
3895-40	26-1002-5817-2	Screw – Hex Hd, M5 x 8
3895-41	26-1005-6358-9	Valve – 3-Way, 2-Position
3895-42	26-1003-7947-3	Screw – Soc Hd Hex Soc, M4 x 35
3895-43	78-8005-5740-3	Washer – Plain 4 mm
3895-44	78-8054-8758-0	Spacer – Valve Holder
3895-45	78-8059-5607-1	Plate – Threaded
3895-49	78-8054-8757-2	Pin – Spring Holder
3895-50	26-1005-6859-6	Nut – Self-Locking M5
3895-51	26-1002-4955-1	Screw – Self-Tapping, 8PX13
3895-52	78-8076-4774-4	Spring
3895-55	78-8091-0627-7	Cover – Front
3895-56	78-8057-5807-1	Cord Grip
3895-57	26-1005-6359-7	Fitting – Barb N-M5-PK3
3895-58	26-1005-6880-2	Fitting – Barb N-M5-PK4
3895-59	78-8114-4911-1	Belt Tensioning
3895-62	78-8114-5062-2	Actuator
3895-63	78-8114-5044-0	Screw – Special, M10 x 25
3895-64	26-1004-5510-9	Washer – Plain, M10

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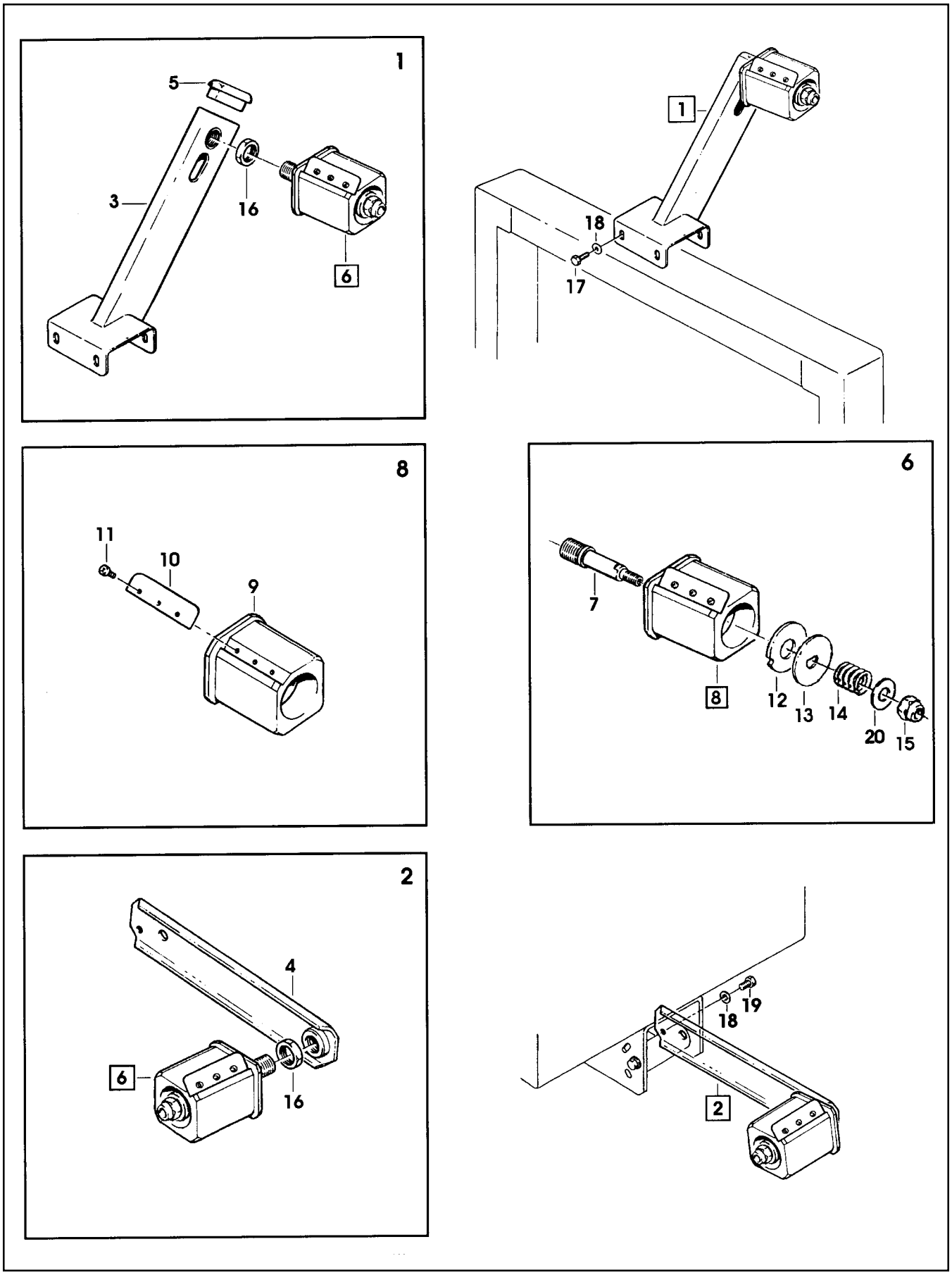

Figure 4046

Figure 4046

Ref. No.	3M Part No.	Description
4046-1	78-8091-0604-6	Bracket Assembly – Core Holder
4046-2	78-8076-4935-1	Tape Drum Bracket Assembly
4046-3	78-8091-0605-3	Bracket – Core Holder
4046-4	78-8070-1395-4	Bracket – Bushing Assembly
4046-5	78-8070-1568-6	Cap – Bracket
4046-6	78-8076-4732-2	Tape Drum Assembly - W/O Bracket/Lock/Plate
4046-7	78-8060-8462-6	Shaft – Tape Drum, 3 Inch Head
4046-8	78-8076-4731-4	Tape Drum Assembly – 3 Inch Wide
4046-9	78-8054-8815-8	Tape Drum Assembly
4046-10	78-8054-8816-6	Leaf Spring
4046-11	26-1002-5753-9	Screw – Self-Tapping
4046-12	78-8060-8172-1	Washer – Friction
4046-13	78-8052-6271-0	Washer – Tape Drum
4046-14	78-8100-1048-4	Spring – Core Holder
4046-15	78-8017-9077-1	Nut – Self-Locking, M10 x 1
4046-16	78-8017-9169-6	Nut – M18 x 1
4046-17	78-8032-0375-7	Screw – Hex Hd, M6 x 16
4046-18	26-1000-0010-3	Washer – Flat, M6
4046-19	78-8010-7169-3	Screw – Hex Hd, M6 x 12
4046-20	26-1004-5510-9	Washer – Plain, M10

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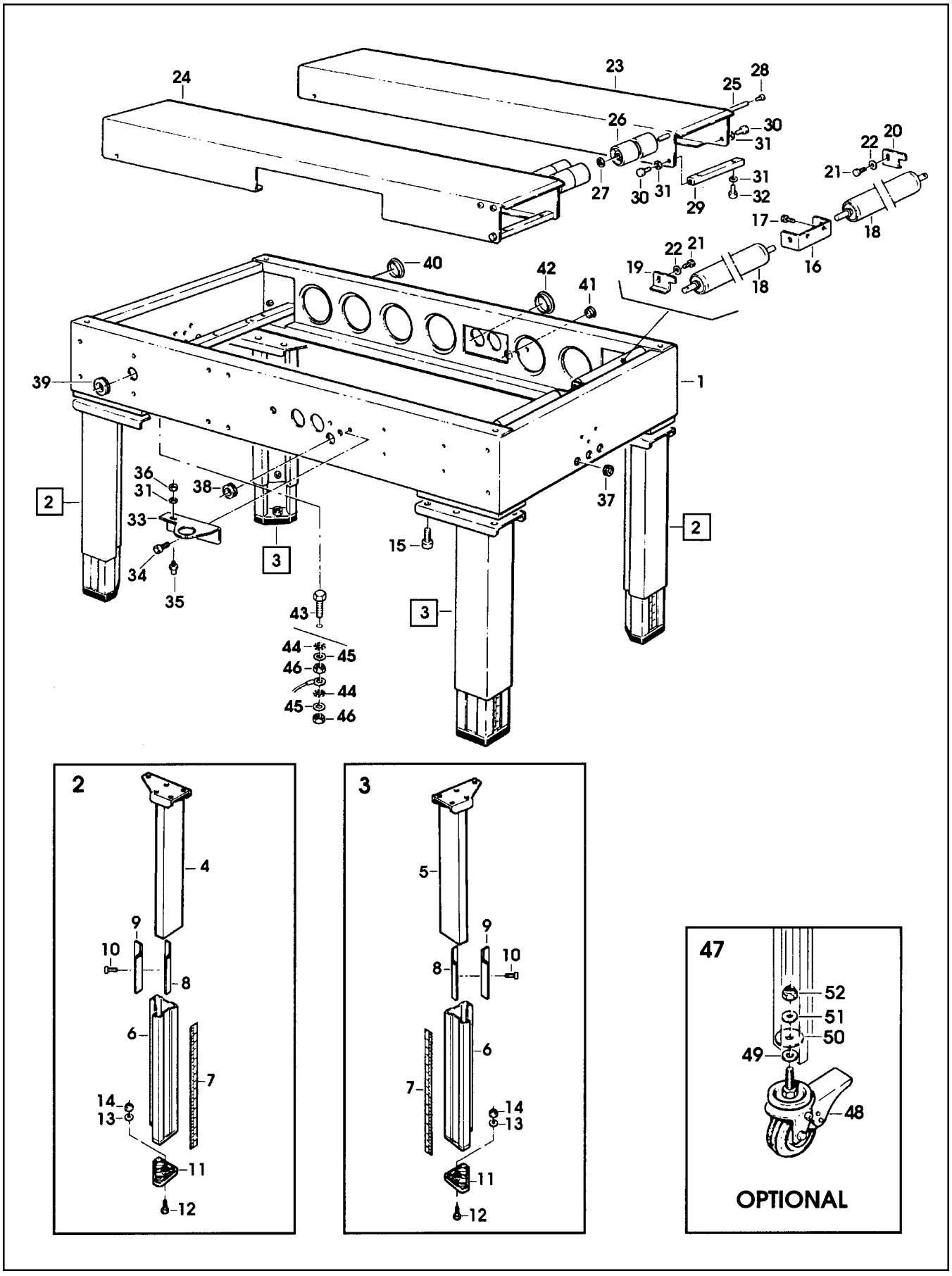


Figure 7356

Figure 7356

Ref. No.	3M Part No.	Description
7356-1	78-8114-5063-0	Conveyor Bed Assembly
7356-2	78-8091-0557-6	Leg Assembly – R/H
7356-3	78-8091-0558-4	Leg Assembly – L/H
7356-4	78-8076-5040-9	Leg – Right
7356-5	78-8076-5041-7	Leg – Left
7356-6	78-8052-6678-6	Leg – Inner
7356-7	78-8052-6680-2	Label – Height
7356-8	78-8052-6677-8	Clamp – Inner
7356-9	78-8052-6676-0	Clamp – Outer
7356-10	26-1003-7963-0	Screw – Soc Hd, M8 x 16
7356-11	78-8052-6679-4	Pad – Foot
7356-12	26-1003-5842-8	Screw – Hex Hd, M8 x 20
7356-13	26-1004-5507-5	Washer – M8
7356-14	78-8017-9313-0	Nut – Self-Locking M8
7356-15	26-1003-7964-8	Screw – Soc Hd Soc Dr, M8 x 20
7356-16	78-8091-0610-3	Support – Roller
7356-17	26-1003-5820-4	Screw – Hex Hd, M5 x 12
7356-18	78-8091-0611-1	Roller – Conveyor
7356-19	78-8091-0560-0	Plate – Roller
7356-20	78-8076-4647-2	Plate – Infeed
7356-21	78-8010-7157-8	Screw – Hex Hd, M4 x 10
7356-22	78-8005-5740-3	Washer – Plain, 4mm
7356-23	78-8114-5041-6	Conveyor Bed – R/H
7356-24	78-8114-5042-4	Conveyor Bed – L/H
7356-25	78-8091-0563-4	Shaft
7356-26	78-8060-7693-7	Roller – 32 x 38
7356-27	78-8052-6732-1	Ring – Special M8
7356-28	78-8017-9066-4	Screw – M5 x 12
7356-29	78-8091-0564-2	Spacer
7356-30	26-1003-5829-5	Screw – Hex Hd, M6 x 12
7356-31	26-1000-0010-3	Washer – Flat M6
7356-32	26-1003-7957-2	Screw – Soc Hd Hex Hd, M6 x 16
7356-33	78-8091-0717-6	Support – R/H Filter Assembly
7356-34	78-8010-7209-7	Screw – Soc Hd, M6 x 12
7356-35	78-8091-0613-7	Shaft – Valve
7356-36	78-8010-7418-4	Nut – Hex, M6
7356-37	78-8052-6659-6	Grommet
7356-38	78-8060-7785-1	Grommet – EZ DG16
7356-39	78-8076-4702-5	Grommet – Heyco SB1093-13
7356-40	78-8076-4701-7	Cap – /28
7356-41	78-8060-7885-9	End Cap
7356-42	78-8114-5064-8	Cap
7356-43	78-8060-8488-1	Screw – Hex Hd, M5 x 20
7356-44	78-8046-8217-3	Washer – Special
7356-45	78-8005-5741-1	Washer – Flat, M5
7356-46	78-8010-7417-6	Nut – Hex, M5
7356-47	78-8060-8060-8	Caster Assembly
7356-48	78-8060-8061-6	Caster
7356-49	78-8060-8124-2	Spacer – Caster
7356-50	78-8060-7699-4	Washer – /12-45, 5X4
7356-51	78-8017-9059-9	Washer – Flat For M12 Screw
7356-52	78-8060-7532-7	Nut – M12, Self-Locking

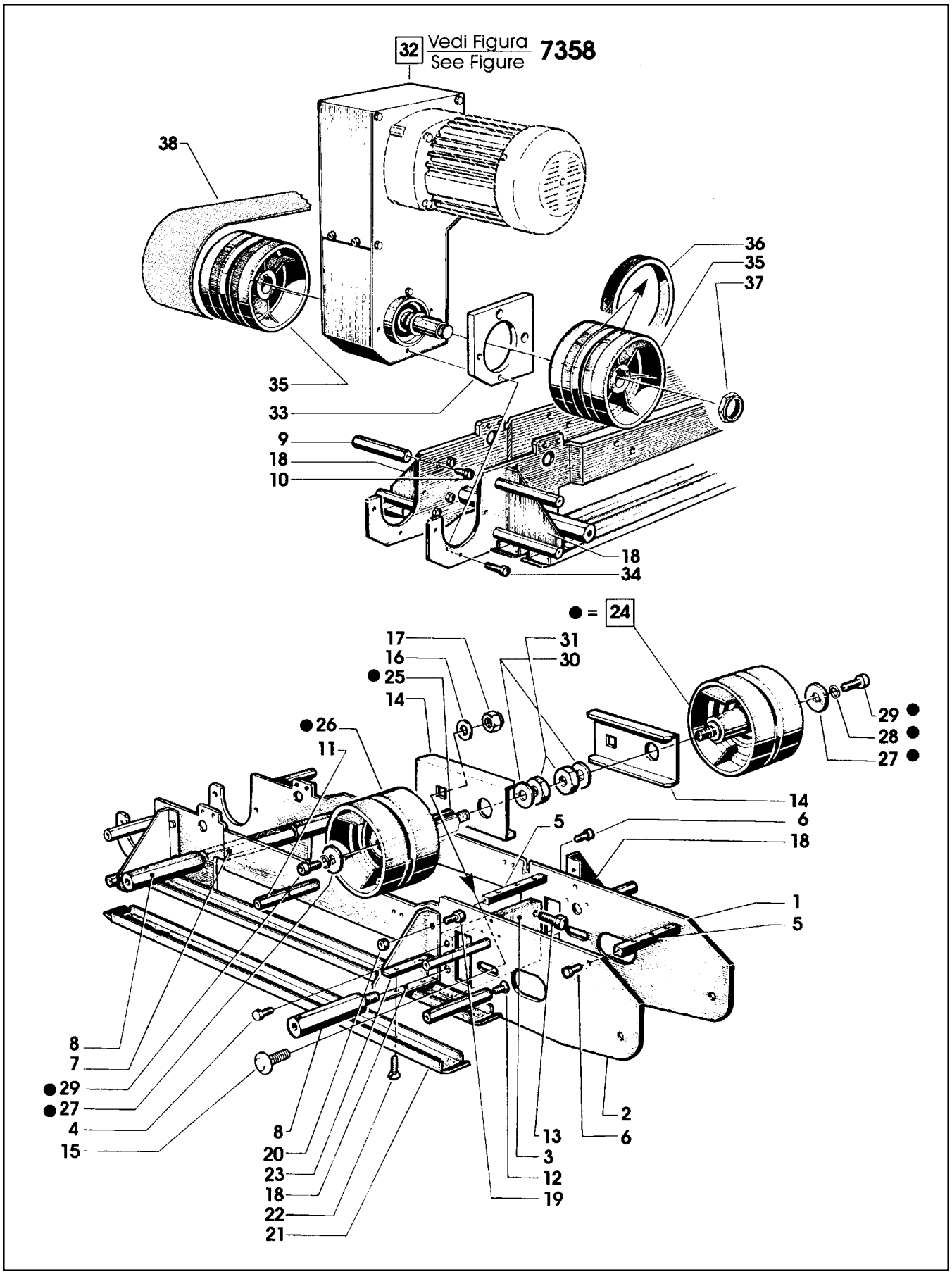
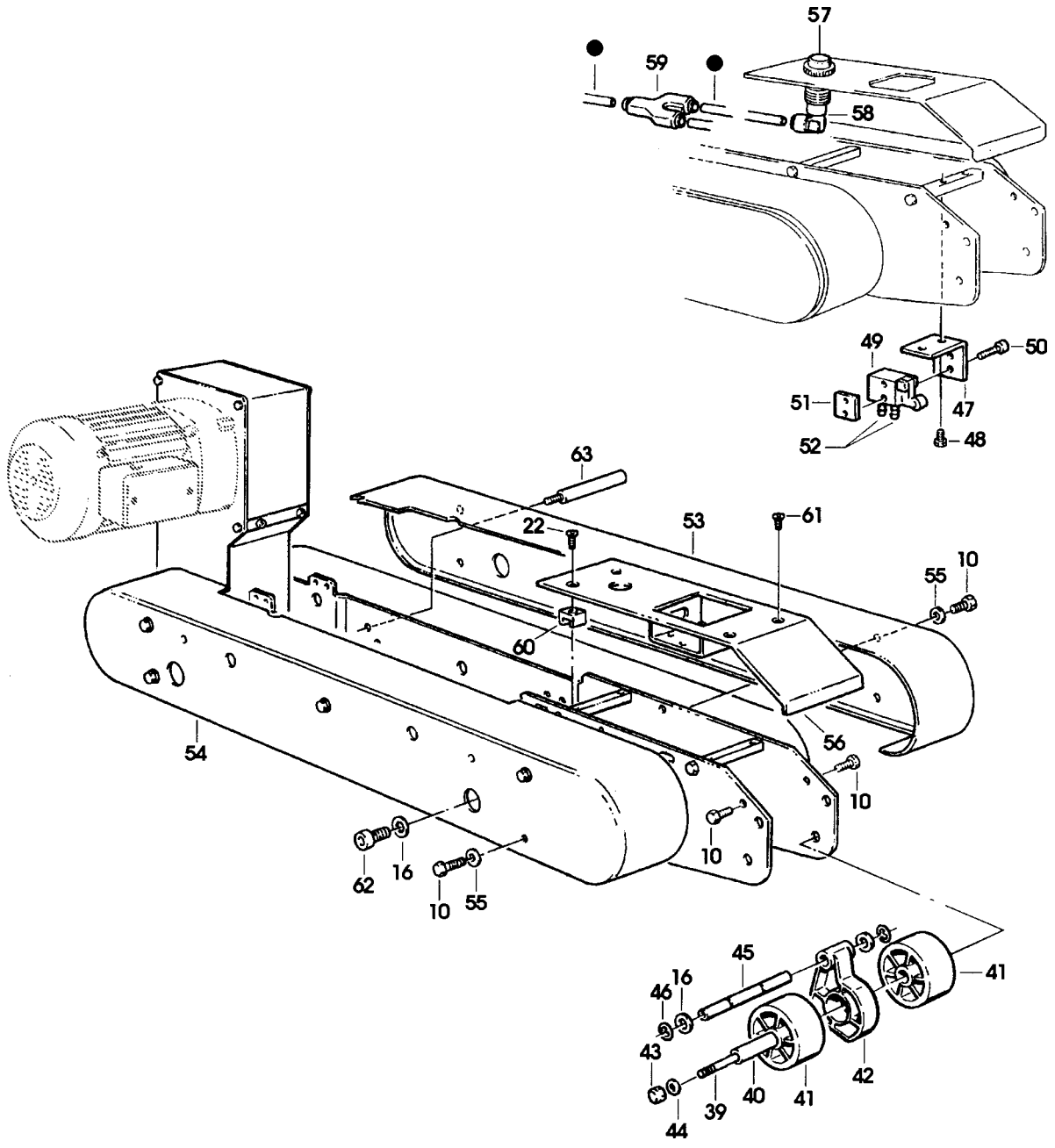


Figure 7357/1 of 2

Figure 7357 (Page 1 of 2)

Ref. No.	3M Part No.	Description
7357-1	78-8114-5052-3	Frame – Upper R/H
7357-2	78-8114-5053-1	Frame – Upper L/H
7357-3	78-8055-0697-5	Block – Spacer
7357-4	78-8032-0375-7	Screw – Hex Hd, M6 x 16
7357-5	78-8055-0694-2	Spacer – 10 x 10 x 115 mm
7357-6	26-1003-5829-5	Screw – Hex Hd, M6 x 12
7357-7	78-8055-0695-9	Spacer – Hexagonal
7357-8	78-8054-8843-0	Spacer
7357-9	78-8119-8767-2	Stud
7357-10	78-8010-7169-3	Screw – Hex Hd, Metric M6 x 12
7357-11	78-8052-6643-0	Spacer
7357-12	26-1002-5830-5	Screw – Hex Hd, M6 x 12
7357-13	26-1003-5845-1	Screw – Hex Hd, M8 x 40
7357-14	78-8114-4911-1	Belt Tensioning
7357-15	78-8119-8768-0	Screw – O.HD. M10 x 25
7357-16	26-1004-5510-9	Washer – Plain, M10
7357-17	26-1003-6918-5	Nut – Plastic Insert M10 Hex Flange
7357-18	78-8052-6706-5	Bracket
7357-19	26-1003-5820-4	Screw – Hex Hd, M5 x 12
7357-20	78-8010-7417-6	Nut – Hex, M5
7357-21	78-8052-6714-9	Guide Drive Belt
7357-22	26-1005-5316-8	Screw Flat Hd Hex Dr, M5 x 16
7357-23	78-8052-6715-6	Bracket
7357-24	78-8060-8151-5	Idler Roller Assembly
7357-25	78-8052-6711-5	Shaft – Roller
7357-26	78-8052-6710-7	Roller – Idler
7357-27	78-8052-6709-9	Washer – Special
7357-28	78-8010-7435-8	Washer – Metric Lock, M6
7357-29	26-1003-7957-2	Screw – Soc Hd Hex Hd, M6 x 16
7357-30	26-1004-5511-7	Washer – Metric
7357-33	78-8055-0705-6	Spacer – Gear Box
7357-34	26-1003-5824-6	Screw – Hex Hd, M5 x 30



● = Vedi/See Fig. **7360** pos. **31**

Figure 7357/2 of 2

Figure 7357 (Page 2 of 2)

Ref. No.	3M Part No.	Description
7357-35	78-8076-5105-0	Pulley Assembly – Drive
7357-36	78-8052-6713-1	Ring – Polyurethane
7357-37	78-8060-8416-2	Nut – Special, M20 x 1
7357-38	78-8052-6722-2	Belt – Laced, Box Drive
7357-39	78-8114-5055-6	Shaft – Roller
7357-40	78-8114-5056-4	Tube
7357-41	78-8094-6438-7	Roller
7357-42	78-8076-4657-1	Link – Actuator, Valve
7357-43	78-81001132-6	Nut – Special, M8
7357-44	78-8017-9318-9	Washer – Plain Metric, 8 mm
7357-45	78-8055-0721-3	Shaft – 10 x 115 mm
7357-46	78-8016-5855-6	E-Ring – 10 mm
7357-47	78-8054-8832-3	Support – Valve
7357-48	26-1002-5817-2	Screw – Hex Hd, M5 x 8
7357-49	26-1005-6358-9	3-Way – 2 Position Valve
7357-50	26-1003-7946-5	Screw – Soc Hd, M4 x 25
7357-51	78-8059-5607-1	Plate – Threaded
7357-52	26-1005-6359-7	Fitting – Barb N-M5-PK3
7357-53	78-8114-5057-2	Cover – Belt, R/H
7357-54	78-8114-5058-0	Cover – Belt, L/H
7357-55	26-1000-0010-3	Washer – Flat, M6
7357-56	78-8114-5059-8	Cover – Upper
7357-57	78-8076-4665-4	Indicator – Visual
7357-58	26-1005-5909-0	Elbow
7357-59	78-8076-4664-7	Union – Female
7357-60	78-8091-0655-8	Spacer – Cover
7357-61	26-1002-3866-1	Screw – Flat Hd Hex Dr, M5 x 10
7357-62	26-1003-7973-9	Screw – Soc Hd, M10 x 16
7357-63	78-8119-8769-8	Stud – Mounting

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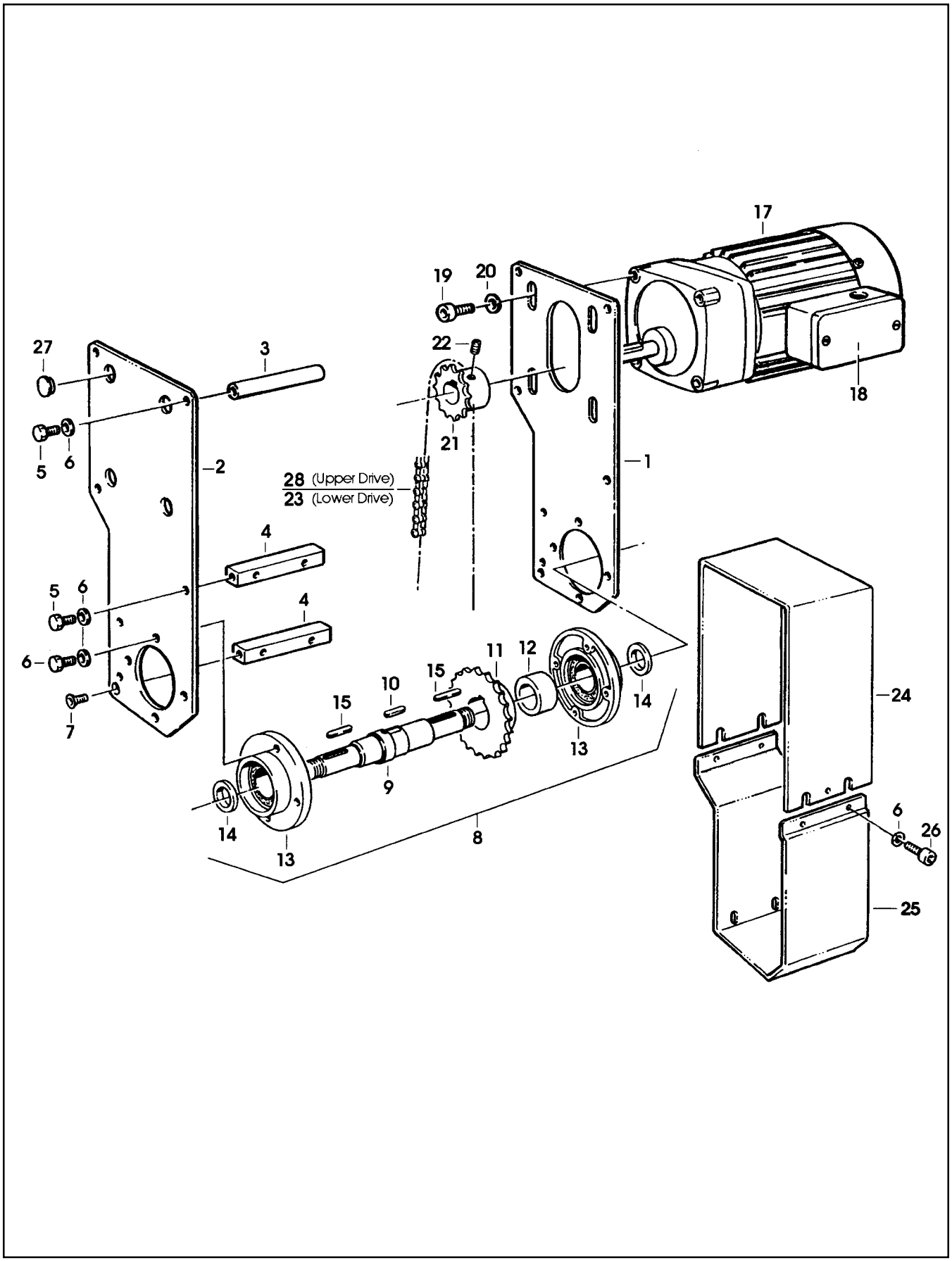

Figure 7358

Figure 7358

Ref. No.	3M Part No.	Description
7358-1	78-8114-5045-7	Frame – Lower, R/H
7358-2	78-8114-5046-5	Frame – Lower, L/H
7358-3	78-8054-8975-0	Spacer
7358-4	78-8054-8977-6	Spacer
7358-5	26-1003-5820-4	Screw – Hex Hd, M5 x 12
7358-6	78-8005-5741-1	Washer – Plain M5
7358-7	26-0001-5862-1	Screw – Flat Hd Soc, M5 x 12
7358-8	78-8060-8424-6	Drive Shaft Assembly
7358-9	78-8060-8423-8	Shaft
7358-10	78-8057-5811-3	Key – 6 x 6 x 20 mm
7358-11	78-8054-8986-7	Sprocket – 3/8 Inch Pitch, 28 Teeth
7358-12	78-8054-8984-2	Bushing
7358-13	78-8054-8983-4	Housing – Bearing
7358-14	78-8054-8879-4	Washer – /20, 5 mm
7358-15	78-8057-5739-6	Key – M5 x 5 x 30 mm
7358-16	26-1002-5820-6	Screw – Hex Hd, M5 x 16
7358-17	78-8091-0596-4	Gearmotor – Bodine
7358-18	26-1011-8828-7	Capacitor
7358-19	78-8070-1523-1	Screw – 1/4-28 x 1/2 SHCS
7358-20	26-1000-0010-3	Washer – Flat M6
7358-21	78-8070-1524-9	Sprocket – 3/8 Inch Z=17
7358-22	78-8023-2479-4	Screw – Set W/End Cup, M6 x 10
7358-23	78-8070-1597-5	Chain – 3/8 Inch, P=62
7358-24	78-8114-5047-3	Cover
7358-25	78-8114-5048-1	Cover – Lower
7358-26	26-1003-7949-9	Screw – Soc Hd Hex Soc, M5 x 12
7358-27	78-8054-8821-6	End – Cap
7358-28	78-8095-1175-7	Chain – 3/8 Inch, 72 Pitch

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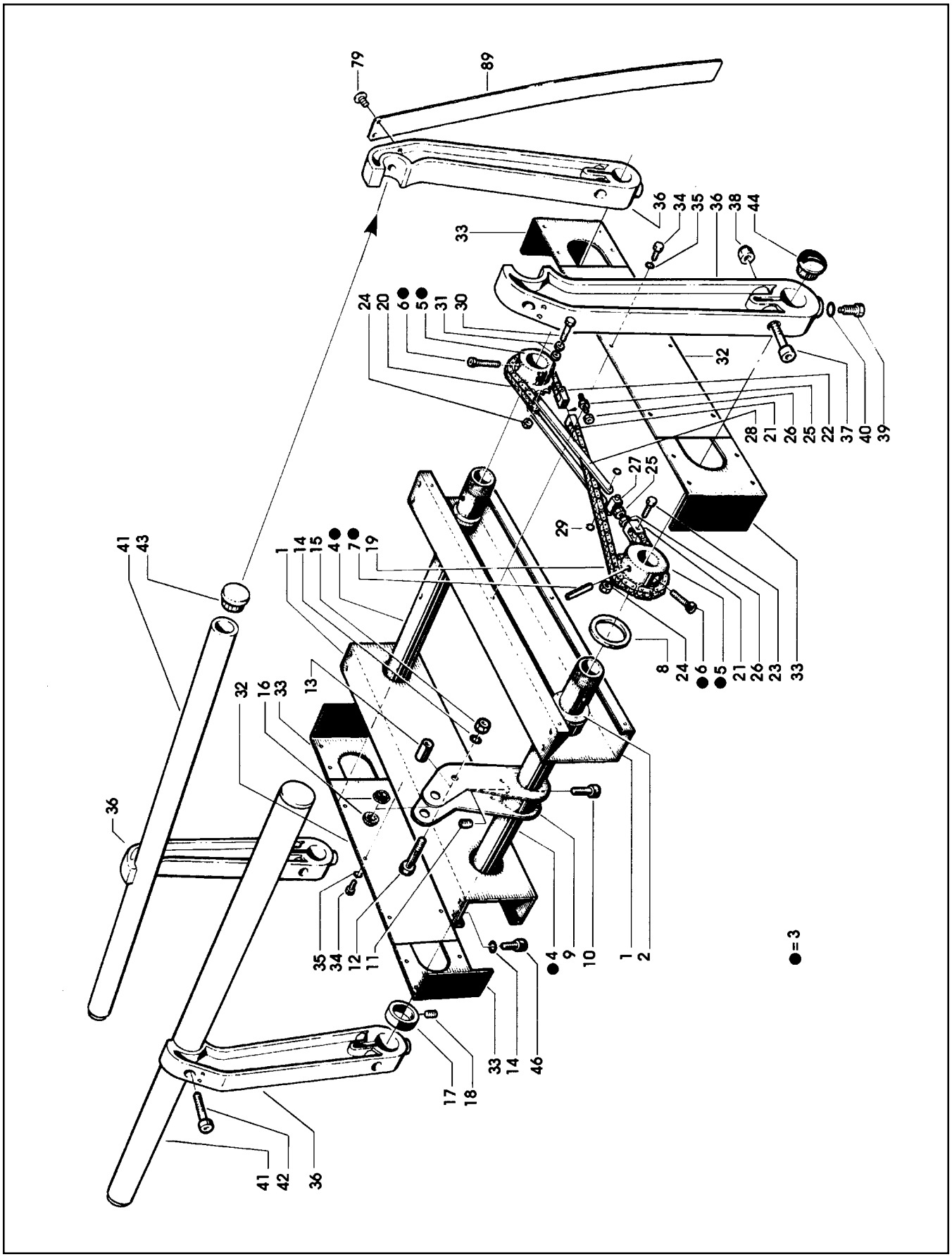

Figure 7359/1 of 2

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Ref. No.	3M Part No.	Description
7359-1	78-8114-4913-7	Crossbar
7359-2	78-8054-8791-1	Rod Bushing
7359-3	78-8060-8182-0	Guide Centering Rod Assembly
7359-4	78-8054-8775-4	Guide Centering Rod
7359-5	78-8054-8778-8	Sprocket – 20 Teeth, 3/8 Inch
7359-6	26-1003-7949-9	Screw – Soc Hd Soc, M5 x 12
7359-7	78-8060-7890-9	Spring Pin – /6X45
7359-8	78-8060-8463-4	Washer – Guide Rod
7359-9	78-8054-8776-2	Lever – Flanged
7359-10	26-1003-7963-0	Screw – Soc Hd, M8 x 16
7359-11	78-8060-7889-1	Set Screw – M8 X 10
7359-12	26-1002-5836-2	Screw – Hex Hd, M6 x 40
7359-13	78-8054-8781-2	Spacer – 6,5/12 x 28 mm
7359-14	26-1000-0010-3	Washer – Flat M6
7359-15	26-1003-6916-9	Nut – Locking Plastic Insert M6
7359-16	78-8054-8780-4	Bushing – 10 x 14 mm
7359-17	78-8054-8789-5	Spacer – 30/43 x 28 mm
7359-18	26-1003-8816-9	Screw – Set M5 x 6
7359-19	78-8055-0718-9	Chain – 3/8 Inch Pitch, 55 Pitch Long
7359-20	78-8055-0719-7	Chain – 3/8 Inch Pitch, 27 Pitch Long
7359-21	78-8054-8786-1	Chain Connector
7359-22	78-8054-8788-7	Chain Connector
7359-23	78-8060-7520-2	Screw – M3 x 20
7359-24	78-8059-5517-2	Nut – Self-Locking, M3
7359-25	78-8054-8785-3	Rod – Threaded Right/Left
7359-26	78-8010-7418-4	Nut – Hex, M6
7359-27	78-8054-8784-6	Block – Chain
7359-28	78-8054-8787-9	Chain Link
7359-29	78-8056-3945-3	E-Ring – M4
7359-30	78-8060-7519-4	Screw – M3 x 25
7359-31	78-8054-8783-8	Washer – Special
7359-32	78-8114-5065-5	Cover – Center
7359-33	78-8114-5066-3	Cover – Side
7359-34	78-8010-7157-8	Screw – Hex Hd, M4X10
7359-35	78-8005-5740-3	Washer – Plain 4 mm
7359-36	78-8114-5067-1	Lever – Infeed
7359-37	78-8060-7895-8	Screw – M8 x 35
7359-38	78-8017-9313-0	Nut – Self-Locking, M8
7359-39	78-8060-7888-3	Screw – Special, M8
7359-40	78-8017-9318-9	Washer – Plain, 8 mm
7359-41	78-8100-0881-9	Guide – Centering
7359-42	78-8023-2334-1	Screw – Soc Hd, Hex Soc, M6 x 25
7359-43	78-8054-8779-6	End – Cap
7359-44	78-8054-8790-3	End – Cap
7359-45	78-8114-5068-9	Frame – Infeed
7359-46	26-1003-7957-2	Screw – Soc Hd Hex Hd, M6 x 16

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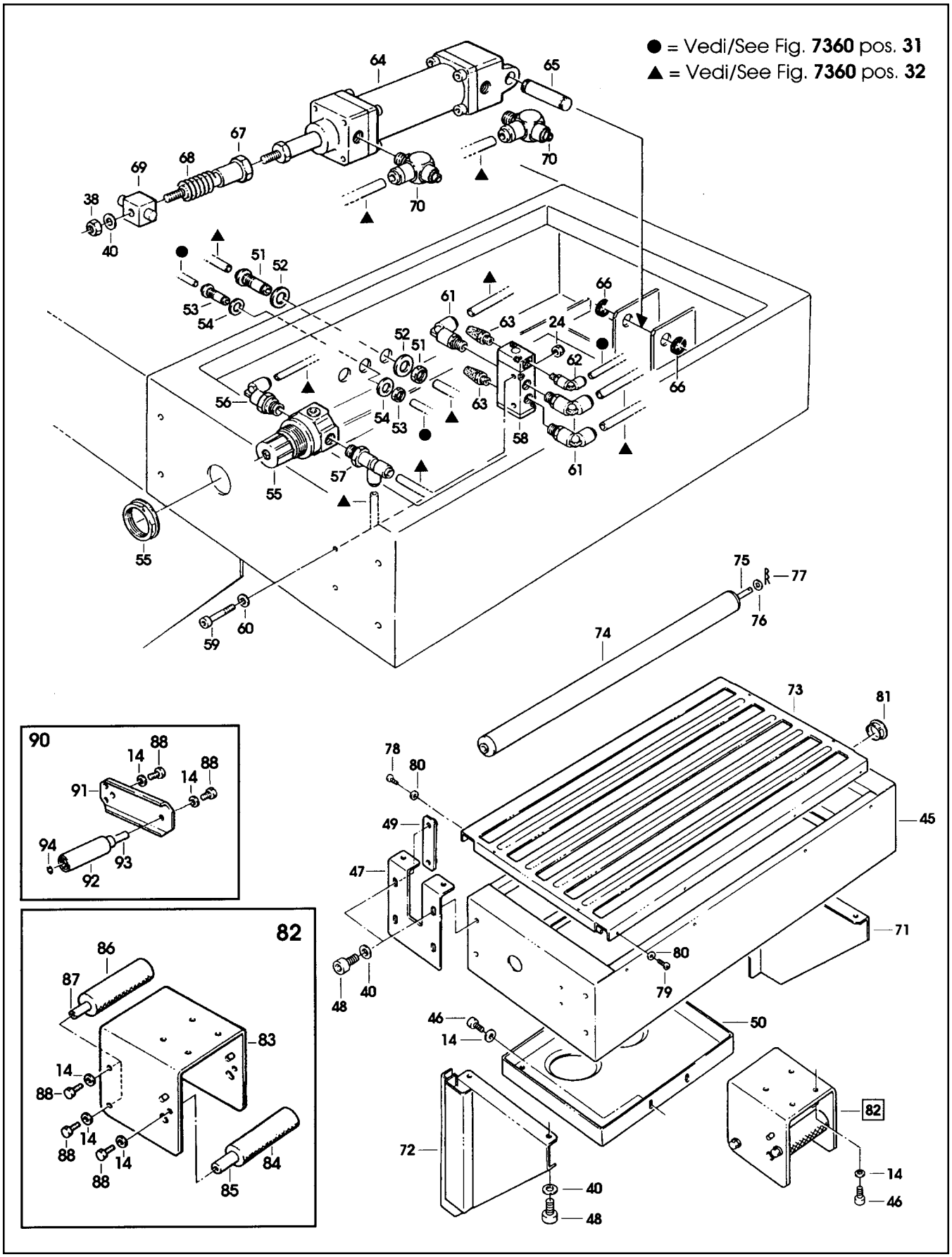

Figure 7359/2 of 2

Figure 7359 (Page 2 of 2)

Ref. No.	3M Part No.	Description
7359-47	78-8114-5069-7	Bracket
7359-48	26-1003-7964-8	Screw – Soc Hd Hex Soc Dr, M8 x 20
7359-49	78-8091-0632-7	Plate – Mounting
7359-50	78-8091-0712-7	Plate – Reinforce
7359-51	26-1005-6883-6	Bulk Head Fitting
7359-52	12-7991-1752-3	Washer – Plain M14
7359-53	26-1005-6887-7	Bulk Head Fitting
7359-54	78-8017-9059-9	Washer – Flat For M12 Screw
7359-55	78-8076-4675-3	Regulator – 0.5-7 Bar
7359-56	78-8055-0756-9	Union Rotating MR41-06-14
7359-57	78-8060-7858-6	Union – MR44-06-14
7359-58	78-8076-4677-9	Valve – V2A-5120-01
7359-59	78-8076-4537-5	Screw – Soc Hd Hex Hd, M3 x 25
7359-60	78-8076-4538-3	Washer – Flat, M3
7359-61	26-1005-6893-5	Elbow – 90 Degree
7359-62	78-8057-5732-1	Fitting – Elbow MR41-04-05
7359-63	26-1005-6890-1	Muffler
7359-64	78-8055-0714-8	Cylinder – Air, 40 x 120 mm
7359-65	78-8054-8996-6	Pin-Air Cylinder Clevis
7359-66	78-8056-3965-1	E-Ring – M8
7359-67	78-8054-8766-3	Bushing
7359-68	78-8054-8767-1	Spring
7359-69	78-8054-8768-9	Block – Pivot
7359-70	78-8091-0510-5	Regulator – Speed
7359-71	78-8114-5070-5	Reinforcement – R/H
7359-72	78-8114-5071-3	Reinforcement – L/H
7359-73	78-8114-5072-1	Conveyor Assembly – Infeed
7359-74	78-8114-5073-9	Roller – /32x1.2x580
7359-75	78-8114-5074-7	Shaft – Roller
7359-76	78-8114-5075-4	Washer – Special
7359-77	78-8076-5385-8	Spring
7359-78	26-1003-5820-4	Screw – Hex Hd, M5 x 10
7359-79	78-8094-6145-8	Screw – Phillis, M5 x 12
7359-80	78-8005-5741-1	Washer – Flat, M5
7359-81	78-8060-8184-6	Cap – /35X1,5
7359-82	78-8076-5025-0	Support Assembly – Tape Roll Bracket
7359-83	78-8076-5027-6	Support – Tape Roll Bracket
7359-84	78-8076-5032-6	Roller – Knurled, 110,5 mm
7359-85	78-8076-5031-8	Shaft – Roller
7359-86	78-8076-5030-0	Roller – Knurled, 114 mm
7359-87	78-8076-5028-4	Shaft – Roller
7359-88	78-8032-0375-7	Screw – Hex Hd, M6 x 16
7359-89	78-8114-5076-2	Strap – Safety
7359-90	78-8114-4717-2	Bracket Assembly
7359-91	78-8076-5033-4	Bracket
7359-92	78-8114-4719-8	Roller
7359-93	78-8114-4718-0	Shaft
7359-94	26-1000-1613-3	Ring – Retaining 10DIN6799
7359	78-8060-8435-2	Repair Kit – Cylinder (For Item 7359-64)

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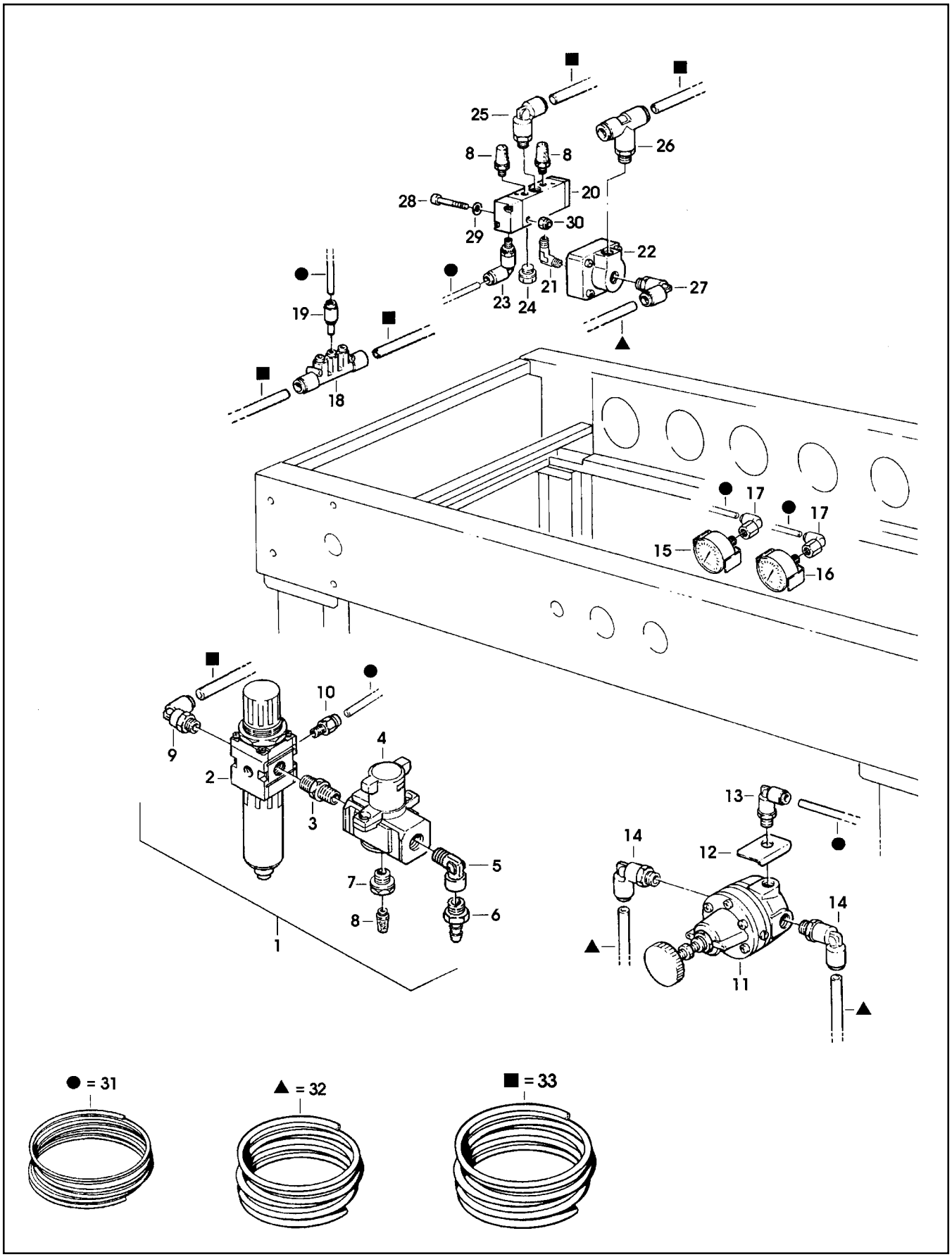

Figure 7360

Figure 7360

Ref. No.	3M Part No.	Description
7360-1	78-8114-5077-0	Filter/Regulator Assembly
7360-2	26-1014-4558-8	Filter – Regulator, W/Metal Bowl
7360-3	78-8060-7899-0	Nipple – RA 012 1/4 Inch - 1/4 Inch
7360-4	78-8076-4669-6	Right Valve – EVHS-4500, F02-RX116
7360-5	78-8060-7900-6	Union – RA 022 1/4 Inch - 1/4 Inch
7360-6	26-1005-6897-6	Hose Connector
7360-7	78-8076-4670-4	Reduction – 3/8 Inch - 1/8 Inch
7360-8	26-1005-6890-1	Muffler
7360-9	78-8091-0315-9	Elbow – 3199.08.13
7360-10	78-8076-4891-6	Union – Straight KQH04-01S
7360-11	78-8076-4673-8	Regulator – Pressure
7360-12	78-8091-0637-6	Plate – Regulator
7360-13	26-1005-5909-0	Elbow
7360-14	78-8055-0756-9	Union – Rotating, MR41-06-14
7360-15	78-8119-8632-8	Gauge – /50, 0-12 Bar
7360-16	78-8119-8635-1	Gauge – /50. 0-4 Bar
7360-17	78-8119-8770-6	Elbow – 1/4 - 1/4, 31920413
7360-18	78-8091-0639-2	Union – TE 33040806
7360-19	78-8057-5735-4	Fitting – Reducer
7360-20	78-8076-4677-9	Valve – V2A 5120-01
7360-21	78-8017-9426-0	Elbow – 90 Degree, 1/8 Inch Male x 1/8 Inch Male
7360-22	78-8076-4678-7	Valve – Quick Exhaust
7360-23	78-8057-5732-1	Fitting – Elbow
7360-24	78-8060-7690-3	Cap
7360-25	78-8091-0313-4	Elbow – 3199.08.10
7360-26	78-8091-0317-5	Union – Tee, 3198.08.10
7360-27	26-1005-6893-5	Elbow – 90 Degree
7360-28	78-8076-4537-5	Screw – Soc Hd Hex Hd, M3 x 25
7360-29	78-8076-4538-3	Washer – Flat, M3
7360-30	78-8059-5517-2	Nut – Self-Locking, M3
7360-31	78-8119-8666-6	Tube – Air, TUO425B, 5 MT
7360-32	78-8119-8667-4	Tube – Air, TUO604B, 5 MT
7360-33	78-8119-8668-2	Tube – Air, TUO805B, 5 MT

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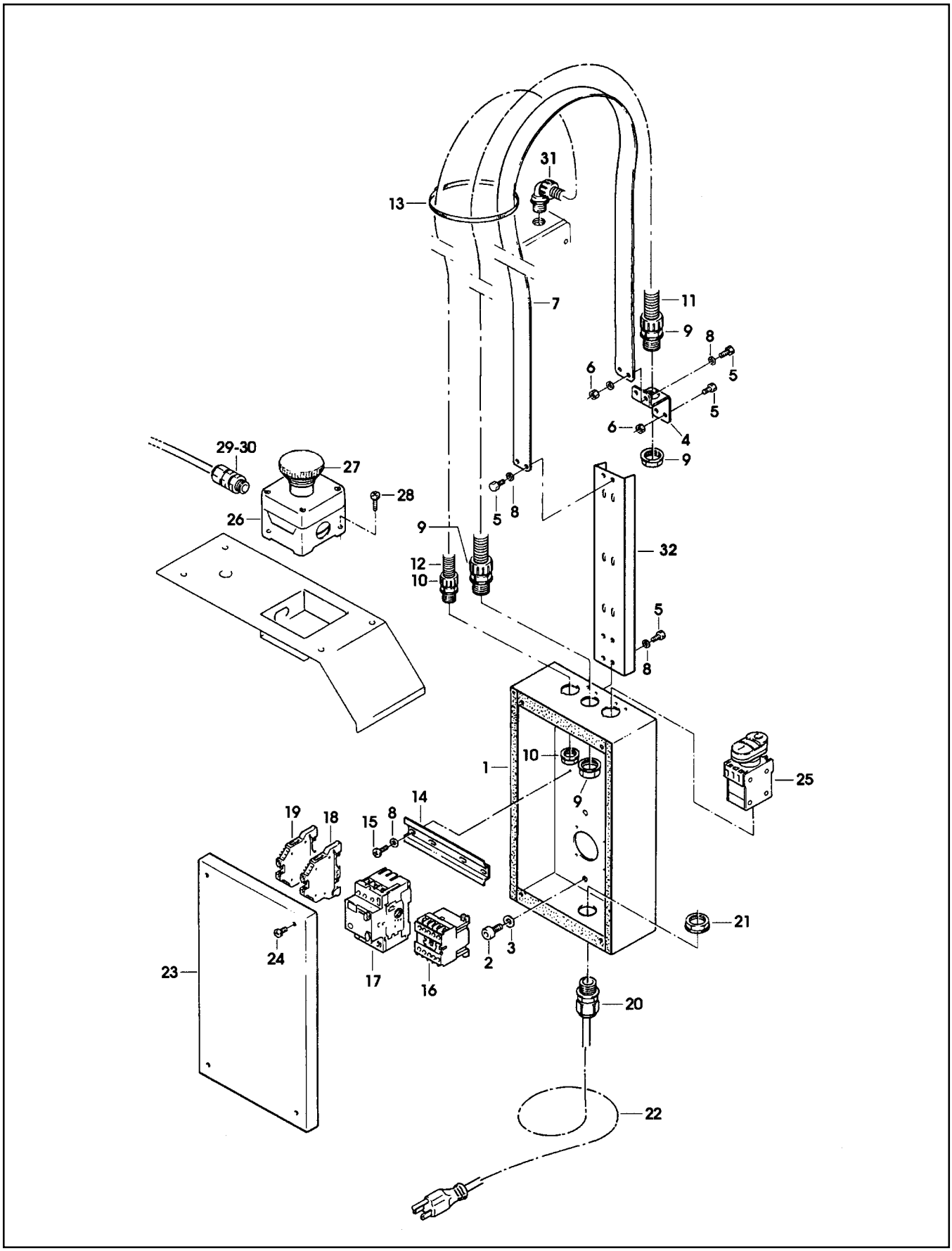

Figure 7361

Figure 7361

Ref. No.	3M Part No.	Description
7361-1	78-8122-6536-7	Box – Electrical, W/English Language Labels
7361-2	26-1003-7963-0	Screw – Soc Hd, M8 x 16
7361-3	78-8017-9318-9	Washer – Plain, 8 mm
7361-4	78-8114-5050-7	Bracket
7361-5	78-8010-7163-6	Screw – Hex Hd, M5 x 10
7361-6	78-8010-7417-6	Nut – Hex, M5
7361-7	78-8114-4912-9	Strap – Wire
7361-8	78-8005-5741-1	Washer – Plain M5
7361-9	78-8076-4520-1	Union PG13 – Sleeve /16
7361-10	78-8076-4638-1	Union PG13.5 – Sleeve /14
7361-11	78-8114-5081-2	Sleeving – 1820 mm
7361-12	78-8114-5082-0	Sleeving – 1720 mm
7361-13	78-8060-8029-3	Clamp
7361-14	78-8094-6382-7	Guide – Mounting
7361-15	78-8094-6145-8	Screw – M5 x 12
7361-16	78-8094-6383-5	Contactor – SPRECHER & SCHUH
7361-17	78-8100-0755-5	Switch – KTA 3-25, 2.5-4 A
7361-18	78-8094-6384-3	Clamp
7361-19	78-8091-0412-4	Terminal – VU 4-2.5
7361-20	78-8057-5807-1	Cord Grip – ST 16
7361-21	78-8100-1202-7	Lock Nut – GMP 16
7361-22	78-8028-7909-4	Power Cord U.S.A.
7361-23	78-8122-6535-9	Cover – Electrical Box, W/English Language Label
7361-24	78-8017-9066-4	Screw – M5 x 12
7361-25	78-8094-6386-8	Switch – On/Off
7361-26	78-8076-5194-4	Box – E-Stop, Yellow
7361-27	26-1014-5845-8	E-Stop – /40, W/Latch & Contact
7361-28	26-1003-5707-3	Screw – M4 x 16
7361-29	78-8076-4715-7	Cord Grip
7361-30	78-8076-5211-6	Set Nut – GMP13.5
7361-31	78-8070-1596-7	Union – Elbow, PG 13,5
7361-32	78-8119-8771-4	Housing – Wire