



Instructions and Parts List

3M-Matic™

100 Ft / Min

Upgrade Kit

For Use on the following 3M-Matic™ Case Sealers:

Adjustable - 200a, 200a3, 700a, 700a3,
Random - 700r and 700r3

Part Numbers: 78-8137-0927-2 (200a)
78-8137-0928-0 (200a3)
78-8137-0929-8 (700a / 700r)
78-8137-0930-6 (700a3 / 700r3)

Purpose of the Kit

The Upgrade Kit has is designed to increase the belt speed on your standard 3M-Matic™ Case Sealer from the original belt speed of 78 feet / Minute to 100 Feet / Minute.



WARNING

- To reduce the risk associated with pinch, entanglement and hazardous voltage:
 - Turn electrical supply off and disconnect before performing any adjustments, maintenance or servicing the machine

Required Tools

3 mm allen Wrench
5 mm Allen Wrench
13 mm Open/box end Wrench or Socket
Phillips Screw Driver

NOTE: The covers and most of the fasteners will be reused. Keep all parts that you remove from the machine until the Upgrade is complete and your machine is operating properly.

Installation Instructions

Lower Drive Assembly Removal (All Models)

1. Remove the four (4) capscrews and rear drive cover (A) from the machine bed.
2. Remove the four (4) capscrews and chain cover (B) from the gear box support (E).
3. Release the chain tension by loosening, but not removing the 4 capscrews (C) used to secure the motor to the gear box support (E).
4. Remove the chain by locating and removing the chain master link.
5. Remove the motor from the gear box support by removing the four (4) capscrews (C).

IMPORTANT: Use proper support and care when handling the motor to prevent strain on the electrical wiring.

6. Remove the four (4) capscrews (D) and the gear box support (E) from the machine bed.

Lower Drive Assembly Replacement (All Models)

7. Position new gear box support and secure it to the machine bed with the four (4) capscrew (D) removed in Step 6.
8. Replace the motor drive sprocket and replace with the new sprocket and two (2) capscrew included in the kit.
9. Fasten the motor to the gear box support using the four (4) capscrews (C). Do not fully tighten the capscrews at this time.
10. Install the new chain and master link.
11. Position motor to remove free play in the chain and tighten four (4) capscrews (C).
12. Replace covers (A) and (B)

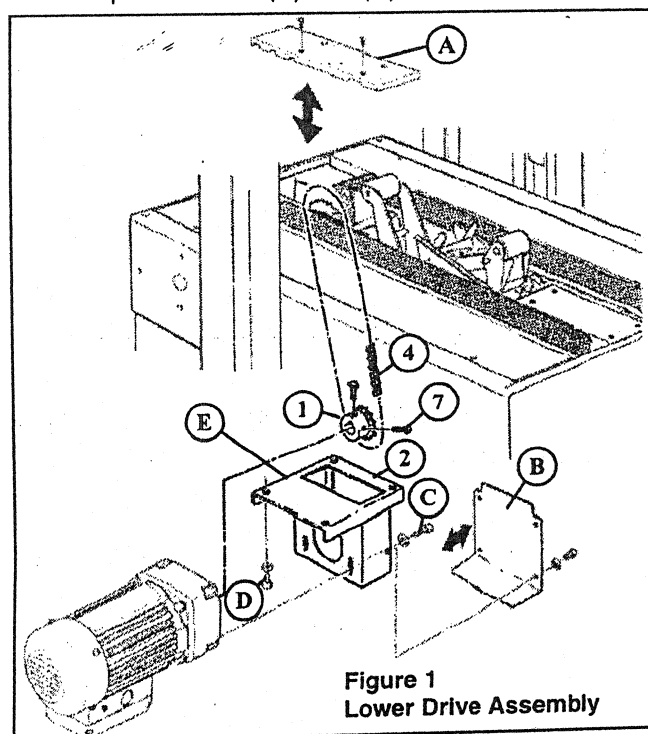


Figure 1
Lower Drive Assembly

Upper Drive Assembly Removal (700 Series)

NOTE: The covers and most of the fasteners will be reused. Keep all parts that you remove from the machine until the Upgrade is complete and your machine is operating properly.

1. Remove the four (4) capscrews and cover (A) from the Upper Drive Assembly.
2. Remove the four (4) capscrews and chain cover (B) from the Gear Box Support (E).
3. Release the chain tension. Carefully remove plastic hole plugs from the gear Box Support. Loosen, but do not remove the four (4) capscrews (C) used to secure the motor to the Gear Box Support (E).
4. Remove the chain by locating and removing the chain Master link.
5. Remove the motor from the Gear Box Support by removing the four (4) capscrews (C).

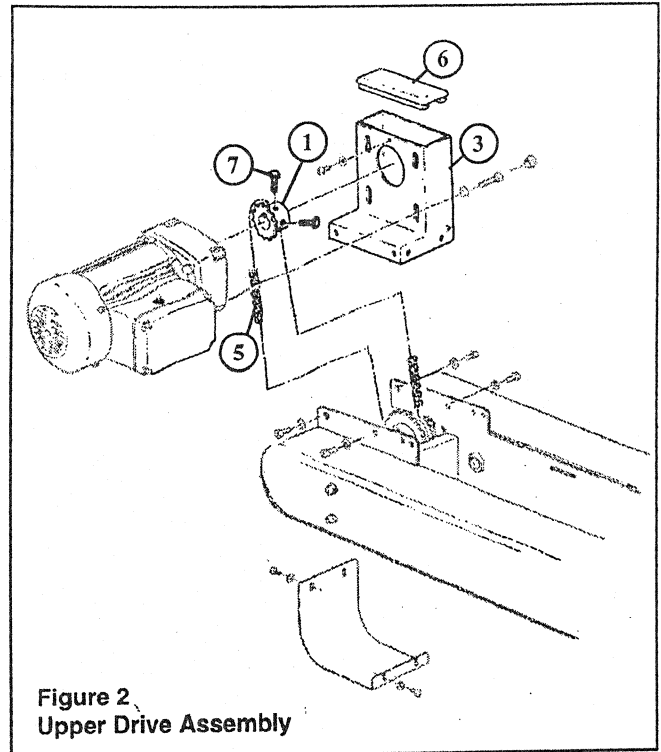
IMPORTANT: Use proper support and care when handling the motor to prevent strain on the electrical wiring.

6. Remove the four (4) capscrew (D) and the Gear Box Support (E) from the Upper Drive Assembly.

Upper Drive Assembly Replacement (700 Series)

7. Position new Gear Box Support and secure it to the Upper Drive Assembly with the four (4) capscrew (D) (removed in Step 6).
8. Replace the motor drive sprocket and replace with the new sprocket and two (2) capscrew included in the kit.
9. Fasten the motor to the Gear Box Support using the four (4) capscrews (C). Do not fully tighten the capscrews at this time.
10. Install the new chain and master link.
11. Position motor to remove free play in the chain and tighten four (4) capscrews (C).
12. Replace Covers (A) and (B).
13. Replace plastic hole plugs.

IMPORTANT: Remove all tools and materials used during this Upgrade process from the Upper Assembly and machine bed before operating this equipment.



Replacement Parts List

Full Upgrade Kit Numbers for the following 3M-Matic™ Case Sealers:

Upgrade Kit Numbers: 78-8137-0927-2 (200a)
78-8137-0928-0 (200a3)
78-8137-0929-8 (700a / 700r)
78-8137-0930-6 (700a3 / 700r3)

Parts List :

See Figure 1 for Lower Drive Assembly (200a / 200a3 / 700a / 700a3 / 700r / 700r3)

See Figure 2 for Upper Drive Assembly (700a / 700a3 / 700r / 700r3)

Ref	Part Number	Description	Applicable Model
1	78-8137-0936-3	Sprocket Z24 P 3/8"	(200a/200a3/700a/700a3/700r/700r3)
2	78-8137-0938-9	Support - Motor (Bottom)	(200a/700a/700r)
	78-8137-0569-2	Support - Motor (Bottom)	(200a3)
	78-8137-0580-9	Support - Motor, Bottom	(700a3/700r3)
3	78-8137-0939-7	Support - Motor, Top	(700a/700r)
	78-8137-0582-5	Support - Motor, Top	(700a3/700r3)
4	78-8054-8987-5	Chain P=3/8" L-57	(200a/200a3/700a/700a3/700r/700r3)
5	78-8137-0937-1	Chain P=3/8" L-65	(700a/700a3/700r/700r3)
6	78-8070-1598-3	Cover	(700a/700a3/700r/700r3)
7	78-8137-0940-5	Screw	(200a/200a3/700a/700a3/700r/700r3)

How To Order Replacement Parts

1. Refer to Parts Drawings to find part needed and reference number.
2. Refer to parts list for correct part number.
3. Order by part number, description, attachment part number and name.
4. Replacement parts and part prices available direct from:

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

**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.**

Equipment Warranty and Limited Remedy: THE FOLLOWING WARRANTY IS 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 warrants that its 3M-Matic™ Upgrade Kit, Part Numbers 78-8137-0927-2, 78-8137-0928-0, 78-8137-0929-8, 78-8137-0930-6 will be free from defects for ninety (90) days after delivery. If any part is proved to be defective within the 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 the 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.

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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.

**3M Industrial Adhesives and Tapes
3M Center, Building 220-5E-02
St. Paul, MN 55144-1000**

200-700 Upgrade Kit

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