INSTRUCTION MANUAL

7510,7512

DURO SERIES Slicer

WE **THANK YOU** FOR YOUR PURCHASE OF OUR DURO™ SERIES MODEL 7510, 7512 SLICER.

All of us . . .
at Univex!

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SINCE 1948

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MODEL 7510 - 7512
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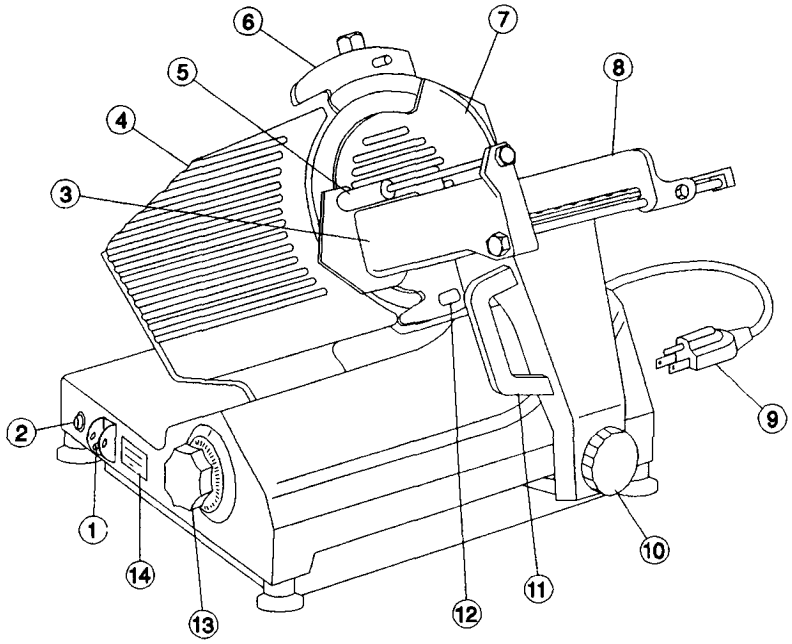

1 ON-OFF SWITCH
2 INDICATOR LIGHT
3 CARRIAGE
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5 LAST SLICE DEVICE
6 KNIFE SHARPENER
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8 ADJUSTMENT SPACER
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INSTRUCTION MANUAL
INTRODUCTION

This manual contains instructions for the Installation, Operation, Care, Maintenance and Repair of the Meat Slicing Machine. Disassembly, Replacement and Reassembly Instructions are included. A trouble shooting guide is provided. A complete Replacement Parts list with identifying figures is also included to facilitate identification and ordering of replacement parts.

INSTALLATION INSTRUCTIONS:

INSPECTION

All Univex slicers are inspected and tested at the factory; however, they should be reinspected carefully by the person making the installation for loose, damaged or broken parts. Detached parts and fixtures should be checked against packing list to determine all are present. Any damages should be reported to the Carrier immediately, and any shortages of parts or fixtures reported to Univex Corporation.

WARNING: After slicer has been inspected, wash slicer completely with warm water and mild soap. For SAFETY follow the cleaning instructions on page 5-6.

INSTALLATION:

The most efficient installation of your Univex slicer will depend upon the layout of your kitchen. Locate your slicer where it will save steps for the operator and be sure to provide sufficient clearance around it for ease of maintenance and cleaning, as well as for efficient and safe use.

Slicer should be operated on a sturdy bench or table with the height determined to suit the operator. It is most important that the forearm of the operator be at the proper level for ease and safety of operation as well as for maximum production. This height is considered optimum when the carriage handle (Figure 1 [11]) of the slicer is at approximately the height of the operator's elbow when standing.

IMPORTANT

WARNING\CAUTION: Electrical wiring instructions are found in the wiring diagram fFig. 11. Fig. 11 A and Fig. 11B). Before making electrical connections, CHECK the specifications on the name plate to make sure that they agree with those on your electrical service. A grounding type three terminal plug is provided for safety. If you do not have a mating receptacle, have a qualified electrician provide grounding provisions in accordance with local safety codes.

IMPORTANT SAFETY WARNINGS

The slicer knife is extremely sharp! Never touch the knife, always keep hands and fingers clear of the knife. Never run slicer without the guard or other parts in place and securely fastened. Take extra care to avoid accidents by keeping the knife guard and sharpening assembly cover ON at all times. When the machine is not in use, the slice adjustment knob should be turned back to the closed position (beyond "0") so that the knife edge is not exposed.

Observe the cleaning instructions on Page 5-6 for best results and for safety. Also remember to always turn off slicer and disconnect the electrical supply cord.

When slicing, always work the carriage using only the carriage arm handle (Figure 1 [11]). Do not hold or push the carriage from any other place.

OPERATION INSTRUCTIONS

The Univex slicer is designed to meet the Cook's demand for an efficient, sturdy slicer. The Univex slicer will give unfailing performance over a period of years, when operated and maintained according to instructions contained herein.

START/STOP SWITCH

The slicer is started by pushing the start/stop toggle switch (Figure 1 [1]) upward to the ON position. A pilot light (Figure 1 [2]) is provided to indicate when the slicer is turned on.

SLICE ADJUSTMENT

WARNING: Dial type knob adjustment (Figure 1 [13]) allows for slice thicknesses ranging from paper thin up to 5/8". Dial graduations allow you to precisely set up specific slice thickness for various needs. When not in use, always return knob back to its fully closed position (beyond "0") so that the knife edge is not exposed.

POSITIVE HOLD CARRIAGE

CAUTION: A last slice gravity feed grip (Figure 1 [5]) is provided which can be locked out of the way when not required. Do not use this last slice device to work the carriage back and forth. Use only the carriage arm handle (Figure 1 [11]).

Always make sure the carriage is positively secured to the slicer by checking to see that the carriage arm knob (Figure 1 [10]) is fully tightened. Failure to do this could result in the carriage striking and damaging the knife edge.

KNIFE GUARD

WARNING: The knife guard (Figure 1 [7]) covers the knife edge completely except under the sharpener cover and the forward edge where slicing will be performed. This forward edge is covered by the edge of the fence, but only when the slice adjustment is completely closed.

The knife guard (Figure 1 [7]) can be removed for cleaning by unscrewing the knife guard knob (Figure 3 [2]). For safety, keep the knife guard on at all times except when cleaning. Never operate the slicer with the knife guard removed.

SHARPENING INSTRUCTIONS

This slicer is equipped with a knife having a concave or hollowed rear surface for superior slicing quality. Of course, any knife however superior must be sharpened regularly and properly in order to produce not only the highest quality slices, but also to allow it to maintain its productivity. The knife sharpener (Figure 1 [6]) on this machine is a top mounted built-in design for simplicity and ease of use. It even has an automatic aligning feature.

WARNING: The following sharpening procedure will provide high quality sharpening results and should also be followed for safety considerations:

(1) **WARNING:** Keep away from the knife edge.

(2) Completely close the slice adjustment (beyond "0") so that the knife edge is not exposed.

(3) The knife's cutting area should be clean and free from food, especially grease. Grease will ruin the ability of a grinding stone to sharpen an edge. The stone simply will not cut. If cleaning is

necessary, follow the procedure outlined on Page 5-6. Remember to unplug the electrical supply cord.

(4) Loosen sharpener lock pin (Figure 3 [4]) which bears against sharpener post, then lift sharpener assembly (Figure 1 [6]) and rotate it 1/2 turn (180 degrees). Then seat it down over knife.

(5) Tighten sharpener lock pin (Figure 3 [4]). As the lock is tightened, it bears on the sharpener post and automatically aligns the grinding and debumng stones to the precise orientations which are preset at our factory.

(6) Turn slicer **ON**. Depress the sharpener button and hold in which will start the grinding wheel rotating. Run until the beveled cutting surface cleans up. This can take from30 seconds to several minutes depending on how dull the blade was allowed to become. Release sharpener button.

(7) Turn slicer **OFF** and check for the formation of a very slight burr on the side of knife opposite the bevel which indicates complete grinding of the bevel. This slight burr can be detected either visually of by picking with a small piece of stiff paper.

(8) Turn slicer **ON.** Lightly press deburring (honing) button and hold for 1 to 2 seconds while you turn **OFF** the slicer. Blade should now be completely sharpened and honed.

CAUTION: It is very important for best slicing results not to deburr the knife too lone or the keen edge will be destroyed due to the formation of an undesirable second bevel on the opposite side. This condition tends to be the primary cause of unsatisfactory slicing results.

(9) Turn slicer **OFF**. Loosen lock pin, (Figure 3 [4]) then lift and return sharpener to its storage position. Tighten lock pin.

(10) Clean slicer and knife according to the cleaning procedure on Page 5-6 in order to thoroughly remove grinding debris.

OPERATOR'S CARE OF SLICER

CLEANING

WARNING: 1. Never touch the knife. Always keep your hands, fingers and arms clear of knife.

2. Turn off slicer and DISCONNECT ELECTRICAL CORD (Figure 1 [9]) before cleaning. Leave protective guard in place.

3. Turn slice adjustment knob (Figure 1 [13]) to the fully closed position (beyond "0") so that the knife edge is not exposed.

WARNING: 4. Remove carriage assembly (Figure 1 [11]) which may be washed in a sink. Use care in washing the sharply pointed prongs on the last slice feed grip. (Figure 1 [5]) Wash this area thoroughly. A small bristle brush is recommended. Use only warm water and mild soap. Rinse carriage assembly with warm water and dry thoroughly using a clean soft cloth.

Never use detergents nor wash the slicer or any of its parts in a dishwashing machine or the clear protective finish will be damaged.

WARNING: 5. Wash body of slicer using warm water and mild soap using a soft cloth. Under no circumstances should the slicer be hose rinsed. It is recommended that the cloth be folded over a thin wooden stick when cleaning between the fence plate and the knife.

6. Remove knife guard (Figure 1 [7]) by loosening knife guard knob (Figure 3 [2]) and pushing the long stud upward to lift the knife guard above surface of knife. Then carefully lift and remove guard.

7. Remove Knife deflector (Fig. 3 [19]) by unscrewing Knife deflector screw (Fig. 3 [21]).

WARNING: 8. CAREFULLY wash the front and rear of the knife with a cloth using warm water and mild soap. It is recommended that the cloth be folded over a thin wooden stick as a further caution to avoid accidental contact with the knife. Rinse with warm water applied with a cloth. Dry thoroughly with a clean soft cloth.

WARNING: 9. Following cleaning, a commercial non-toxic sanitizer may be wiped on the clean surfaces with a soft clean cloth or sprayed as recommended on the container labeling. It is important that the sanitizer be compatible with anodized aluminum or the clear protective finish on the slicer will be damaged. Surfaces should be wetted completely, but not to the point of running or puddling.

WARNING: 10. Replace the knife guard. Never leave the slicer without its knife guard installed.

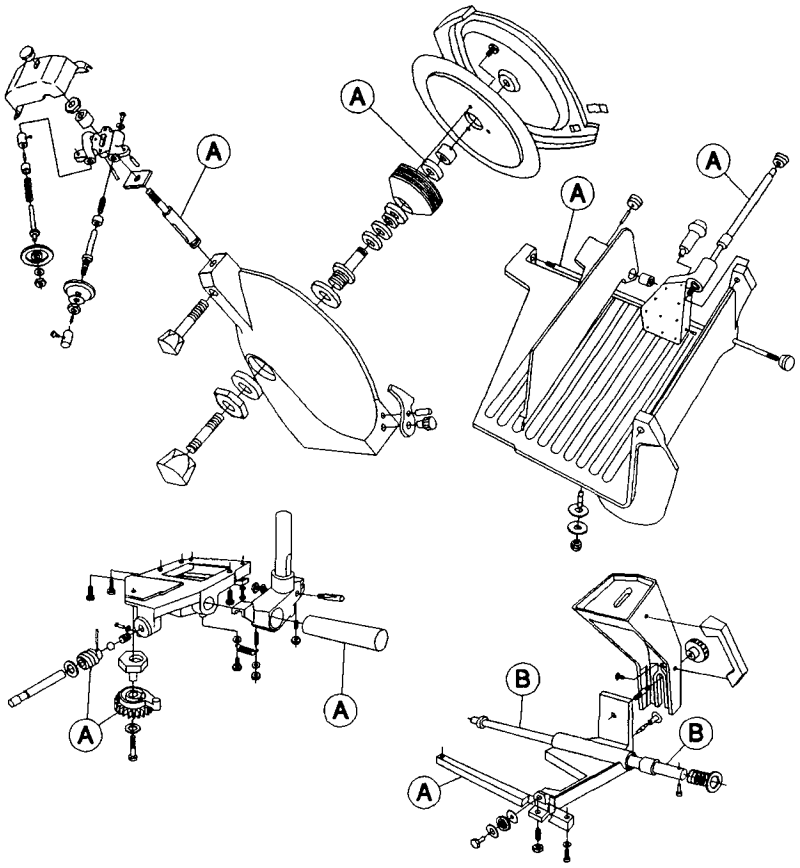
11. Replace Knife deflector.

LUBRICATION

Lubrication instructions are given in Figure 2 on Page 7. Operator's attention is called to lubricating the slide bar (Figure 6 [4]) as needed for smooth carriage motion, but at least monthly with three drops of mineral oil.

Shafts to the last slice grip and to the auxiliary fence (Figure 5 [7,10]) (Figure 5A [8,12] should be lubricated as necessary with petrogel. Distribute over surfaces by moving the grip and fence back and forth. Wipe excess petrogel, from shafts with a clean cloth.

LUBRICATION INSTRUCTIONS
MODEL 7510 - 7512 FIGURE 2



A PETROGEL, AS REQUIRED TO MAINTAIN LIGHT FILM,

B OIL MONTHLY, THREE DROPS MINERAL OIL.

TROUBLESHOOTING GUIDE
7510/7512

TROUBLE	POSSIBLE CAUSE	REMEDY
1. Slicer will not operate.	1.1 Electrical service down. 1.2 Burned switch contacts. 1.3 Motor capacitor defective. 1.4 burned out motor	1.1 Check electrical service. Replace fuse or reset circuit breaker as necessary. 1.2 clean or replace. 1.3 replace. 1.4 Remove, test, repair or replace
2. Motor running, blade not turning.	2.1 Belt tension too tight NOTE: Often after a long period of no use, such as in storage, the belt flows and takes a set in the pulley ribs. A slight urging of the knife with a wooden stick will get the slicer turning with no further problems. **DO NOT USE HANDS TO TURN KNIFE.**	2.1 Readjust belt tension.
3. Slippage of knife during slicing.	3.1 Loose or broken belt. 3.2 Grease or oil on belt.	3.1 Adjust belt tension or replace belt. 3.2 Clean pulleys with safety approved cleaning solvent on soft clean rag. Replace belt.
4. Motor stalls during slicing.	4.1 Knife cutting edge to dull or improperly sharpened. 4.2 Product such as cheese old and dried out. 4.3 Low voltage service. 4.4 Belt tension excessive.	4.1 Sharpen using the procedure specified. Use care not to use homing stone longer then the 1 or 2 seconds. 4.2 Reduce thickness of slice. 4.3 Have electrician check service voltage. 4.4 Readjust belt tension.
5. Excessive noise.	5.1 Knife contacting the knife guard. 5.2 Badly worn or frayed belt. 5.3 Motor pulley and belt misaligned. 5.4 Loose set screw in motor pulley 5.5 Dirty knife rubbing against plastic scraper	5.1 Tighten knob which secures guard. 5.2 Replace belt. 5.3 Realign motor pulley. 5.4 Tighten set screw. 5.5 Clean knife and plastic scraper
6. Smearing or tearing when slicing soft cheese.	6.1 Soft cheese is at room temperature. 6.2 Knife dirty with hard dried on product.	6.1 Chill soft cheese for best slicing results. 6.2 Clean knife thoroughly.

MECHANIC'S MAINTENANCE

Every year a mechanic or service technician should perform the following inspection and carry out the respective maintenance as required:

FOR SAFETY, TURN OFF SLICER AND DISCONNECT ELECTRICAL CORD.

1. **BELT DRIVE:** This drive features a multi-ribbed high performance belt for long trouble-free service. Inspect belt for proper tension. If glazed or excessively worn, replace. A tensioning device automatically allows for normal belt wear-in and stretching. However, if additional tension is required, it may be obtained by turning adjustment nuts (Figure 9/10 [18]) clockwise on take up rod (Figure 9/10 [24]) which will further compress the tensioning spring. As a guideline, the compressed length of the spring should be approximately 7/8".

2. **MOTOR:** Motor is pre-lubricated and requires no periodic maintenance or relubrication in normal kitchen usage. Provision for re-lubrication in extreme duty applications is provided by means of oiling orifices at both shaft end and opposite ends of motor. A light weight electric motor oil or #10 non-detergent oil may be used.

3. **SLICE ADJUSTMENT:** Check, by turning the slice adjustment knob (Figure 3 (271) to make sure that the fence is closing completely (below "0" on knob) and that knife edge is not exposed. If fence is not closing all the way such that the edge of the knife is exposed, proceed to loosening the lock nut (Figure 7 [29]) and turn the slice adjustment stop screw (Figure 7 [28]) so the knob can be turned further enough to allow the knife edge to not be exposed. Now re-tighten the lock nut (Figure 7 [29]). Loosen the two set screws in the slice adjustment knob (Figure 3 [26]) and re-adjust its zero position, then tighten the two set screws. Actually, the closed or zero set position on the knob should be in the red colored zone of the knob's dial.

4. **CARRIAGE:** Check for free smooth operation of auxiliary fence, last slice device and for smooth travel of carnage arm (Figure 6 [19]) Check for excess backlash between slice bearing (Figure 6 [14]) and carriage slide (Figure 6 [7]). The correct lash (clearance) required for smooth carriage operation is obtained when a very slight lash or movement can be detected. Too much lash can result in the carriage striking and damaging the knife edge. Too little lash results in binding and a loss of smoothness in carriage travel. Lash is adjusted by loosening locknut (Figure 6 [10]) and turning brass rubbing screw (Figure 6 [11]) clockwise to reduce lash and counterclockwise to increase lash. Tighten locknut while holding rubbing screw stationary with a screwdriver so it does not move. Grease only the side of the carriage slide (Figure 6 [7]) on which this brass rubbing screw slides.

5. **LUBRICATION & FUNCTION CHECK:** General lubrication should be performed in accordance with the lubrication instructions in Figure 2. during this lubrication sequence, be sure to check for free operation and movement of related parts as well as for excessive wear and looseness of various parts. Be sure to check all handles and knobs for tightness.

6. **KNIFE:** Check knife edge to see that it has been properly sharpened. If there is any evidence of incorrect sharpening procedure, such as excessive honing, alert owner and operator.

REPAIR INSTRUCTIONS

(including disassembly, replacement and reassembly.)

Always turn off slicer and disconnect electrical cord before doing any maintenance or repair on the slicer. Keep guards on all times. Keep slice adjustment fully closed so knife edge is not exposed. Keep sharpener assembly also in place so top of knife edge is not exposed.

DRIVE BELT

1. Disconnect electrical power cord.
2. Remove four rubber suction feet (Figure 3 [37]) that secure bottom cover (Figure 3 [36]) to slicer.
3. Remove nuts (Figure 9 [18]) from tensioning take-up rod (Figure 9 [24]) so motor can be pivoted to give belt slack. Be careful not to lose tensioning spring (Figure 9 [19]).
4. Note the position of the belt on the pulley to insure proper installation of new belt.
5. Unwrap belt from motor pulley.
6. Reinstall rubber feet (Figure 3 [37]) and place slicer upright (operating position).
7. Loosen sharpener lock pin (Figure 3 [4]). Lift and remove sharpening unit. Set aside.
8. Remove knife guard knob (Figure 3 [2]) and carefully remove knife guard (Figure 3 [14]).
9. Using caution to avoid the sharp knife edge, remove the four screws (Figure 3 [12]) that secure the knife Carefully remove knife and set aside with its flat side down, flush on a bench so the edge is not exposed.
10. Note the position of the belt on the pulley to insure proper installation of new belt.
11. Unwrap and remove drive belt from the knife pulley (Figure 3 [10]).
12. Wrap replacement belt on knife pulley and motor pulley. Do not reinstall knife at this time.
13. Reinstall spring and nuts on tensioning take up rod (Figure 9 [24]) and tighten. It is important to make sure that the belt is aligned on both pulleys.
14. Belt tension is correct when the spring is compressed to an overall length of 7/8".
15. Connect electrical power and operate slicer to check that belt and pulleys are running true.
16. Disconnect electrical power cord.
17. Reinstall bottom cover and secure with the four suction feet.
18. Using caution, reinstall knife and secure with four screws.
19. Reinstall knife guard and secure with knife guard knob.
20. Reinstall sharpener and secure with lock pin.

KNIFE (Removal Figure 3)

1. Disconnect electrical power cord.
2. Loosen sharpener lock pin (Figure 3 [4]), then lift and remove sharpening unit. Set aside.
3. Remove knife guard knob (Figure 3 [2]) and carefully remove knife guard (Figure 3 [14]).
4. Using caution to avoid the sharp knife edge, remove the four screws (Figure 3 [12]) that secure knife (Figure 3 [15]).
5. Carefully remove knife and set aside with its flat side down flush on a bench so the edge is not exposed.
6. Reinstall new knife in the reverse procedures outlined above.
7. Even though a new knife is very sharp, the sharpening procedure specified on pages 4 and 5 should be performed to true the new knife's bevel to the slicer.

WARNING: Worn knife should be disposed of in a safe, responsible way, showing concern for other who may handle it. It is recommended that the edge of the knife be wrapped several time with heavy tape and that a caution (CAUTION, SHARP EDGE) be written on both sides of the knife.

KNIFE SEAL (Figure 31

1. Remove knife per above instruction.
2. Unscrew and remove knife insert stud (Figure 3 [16]). Maintain shims that may have been used in assembly.
3. Using a small screwdriver, carefully pry and remove the knife seal (Figure 3 [11]) from the knife pulley (Figure 3 [10]).
4. Apply light film of mineral oil on outer diameter and lip of rubber seal.
5. Clean recess in pulley.
6. Drive seal into recess in pulley using care to avoid damage to seal. Seal should be seated uniformly.
7. Check knife insert stud (Figure 3 [16]) for small sharp burrs that may have been raised during its removal. Remove burrs if present with a fine-toothed file. If burrs are not removed, they will destroy the seal very quickly.
9. Reinstall knife insert stud and shims that may have been present. Apply three drops of mineral oil to the seal/stud interface.
11. Reinstall knife, guard and sharpener in the reverse procedure outlined above.

SHARPENING STONES

1. Disconnect electrical cord.
2. Unscrew sharpener lock pin (Figure 3 [4]).
3. Lift up sharpening assembly (Figure 1 [6]) and remove from slicer.
4. Using an open end wrench, unscrew cover knob (Figure 4 [1]). It is recommended that a piece of tape or paper be temporarily wrapped around knob prior to unscrewing it so as to protect its finish.
5. Gently remove lever cover (Figure 4 [2]) off of mounting block (Figure 4 [26]). Perform this step slowly taking care to remove cover evenly from the two locating pins (Figure 4 [9]) on which it fits snugly.
6. Unscrew nut (Figure 4 [21]) and remove along with washer and sharpening stone (Figure 4 [23]).
7. Install new sharpening stone. Flat face should be toward the outside.
8. Re-attach washer and nut.
9. Honing (deburring) stone (Figure 4 [14]) is removed by first unscrewing lock screw (Figure 4 [19]) from thimble (Figure 4 [18]).
10. Gently remove thimble taking care to not lose the small ball bearing and spring (Figure 4 [16 & 17]) which are inside.
11. Unscrew nut (Figure 4 [15]) and remove along with washer and honing stone (Figure 4 [14 & 20]).
12. Install new honing stone with the flat face toward the inside.
13, Re-attach washer, nut, and thimble.
14. Re-attach cover and reinstall in the reverse procedures (5. through 1,).

REPLACEMENT OF PARTS LISTS

Replacement parts for the Food Slicing Machine are shown in the following Figures. When ordering replacement parts, always include the model and serial numbers of the machine in addition to the specific part number.

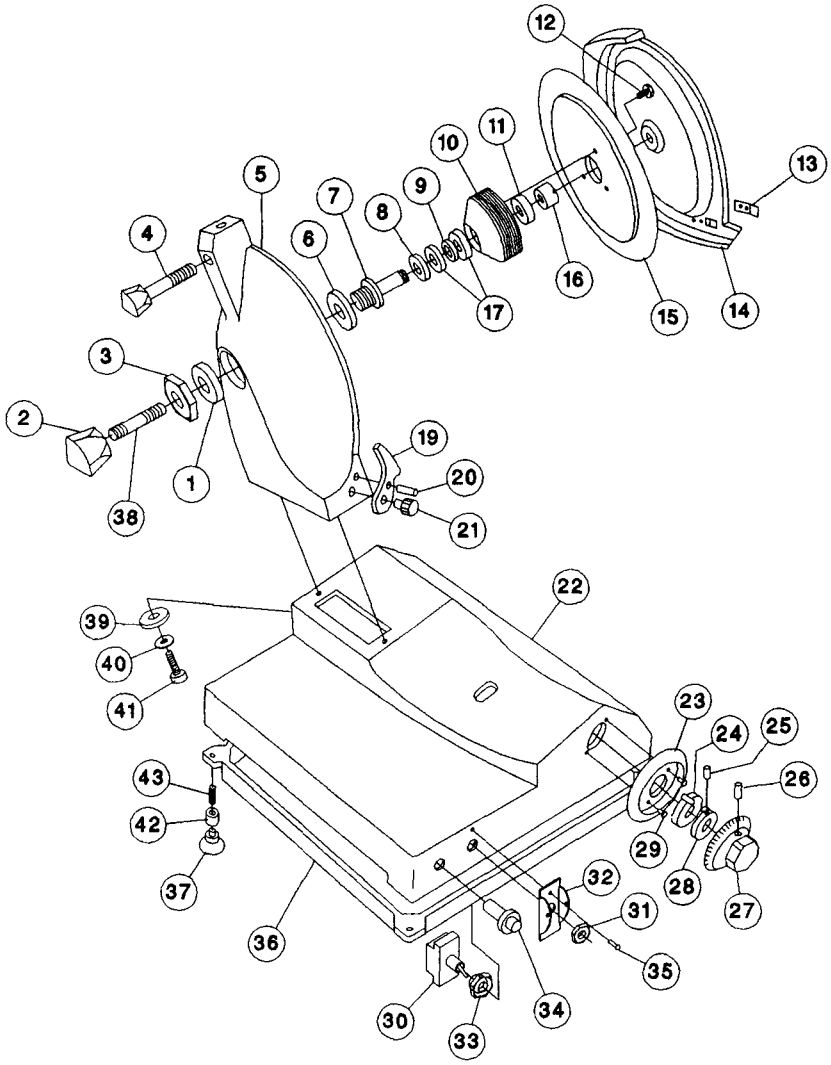
BASE AND KNIFE HOUSING ASSEMBLY

MODEL 7510 - 7512

FIGURE 3

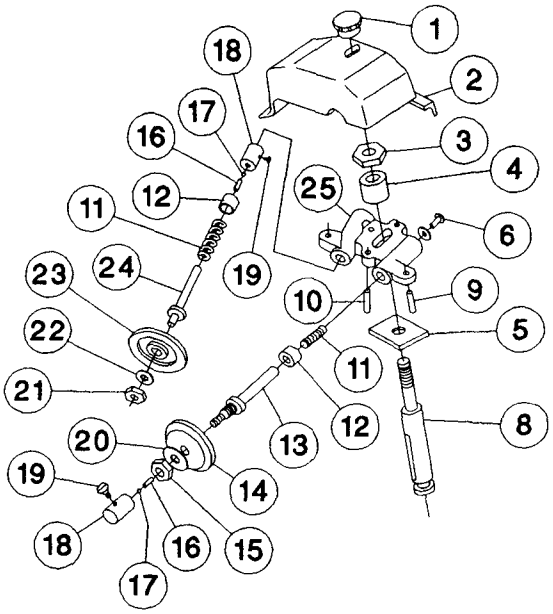
ILLUS. NO.	PART NO.	DESCRIPTION	QTY.
1.	7510012	WASHER, KNIFE	1
2.	7510015	KNOB, KNIFE GUARD	1
3.	7510013	NUT KNIFE	1
4.	7510150	LOCK PIN, SHARPENER	1
5.	7510001	BACK KNIFE GUARD (MODEL 7510)	1
	7512001	BACK KNIFE GUARD (MODEL 7512)	1
6.	7510156	WASHER, KNIFE SHIM	AS REQ;
7.	7510002	SHAFT, KNIFE	1
8.	7510158	WASHER, KNIFE SHIM	AS REQ.
9.	7510004	SPACER	1
10.	7510154	PULLEY, KNIFE	1
11.	6509012	BUSHING, KNIFE	1
12.	6509014	SCREW, BLADE	3
13.	8512240	SCRAPER, BLADE	4
14.	7510011	KNIFE GUARD (MODEL 7510)	1
	7512011	KNIFE GUARD (MODEL 7512)	1
15.	7510009	BLADE (MODEL 7510)	1
	7512009	BLADE (MODEL 7512)	1
16.	7510008	INSERT, KNIFE 7510	1
	7512008	INSERT, KNIFE 7512	1
17.	1012167	BALL BEARING	2
18.		RESERVED	
19.	7510022	KNIFE DEFLECTOR	1
20.	8512206	LOCATING PIN	1
21.	7510023	KNIFE DEFLECTOR SCREW	1
22.	7510019	SLICER BODY	1
23.	8512208	GRADUATED KNOB BUSHING	1
24.	8512210	FRONT WHEEL	1
25.	6509098	SET SCREW	1
26.	8512214	SET SCREW	2
27.	7510084	GRADUATED KNOB	1
28.	8512211	REAR WHEEL	1
29.	8512209	RIVET	2
30.	7120009	ON-OFF SWITCH	1
31.	7120009	SWITCH JAM NUT (PART OF SWITCH)	
32.	7120011	SWITCH GUARD	1
33.	7120009	SWITCH JAM NUT (PART OF SWITCH)	
34.	7120014	INDICATOR LIGHT 115V	1
	7120041	INDICATOR LIGHT 220V	1
35.	4400081	SCREW, DOME DRIVE, NO.6 X 5/16	1
36.	7120026	BOTTOM COVER	1
	7120126	BOTTOM COVER, 100 V ONLY	1
37.	7510094	RUBBER SUCTION FEET	4
38.	7510014	KNIFE GUARD SHAFT	1
39.	7510021	WASHER, FLAT	2
40.	8512525	LOCK WASHER, EXTERNAL TOOTH M10	2
41.	7510020	SCREW, HEX SOCKET HD M10-1.25 X 25MM	2
42.	7120130	SPACER 100 V ONLY	4
43.	8512326	STUD 100V ONLY	4
44.	4400338	LABEL, DURO (NOT SHOWN)	1

BASE AND KNIFE HOUSING ASSEMBLY
MODEL 7510 - 7512
FIGURE 3



SHARPENER ASSEMBLY
MODEL 7510 - 7512
FIGURE 4

ILLUS NO.	PART NO.	DESCRIPTION	QTY.
	7510151A	SHARPENER ASSEMBLY WITH CONER	
1	6509153	KNOB, COVER	1
2	6509151	COVER, SHARPENER	1
3	6509150	NUT, COVER SPACER	1
4	6509149	SPACER. COVER	1
5	6509125	WASHER, SET PIN	1
6	6509137	SCREW	1
7		RESERVED	
8	7510120	SET PIN, SHARPENER	1
9	8512728	PIN, SHARPENER CASTING	2
10	6509147	BOLT, SHARPENER GUIDE	2
11	6509127	SPRING	2
12	6509128	BUSHING	2
13	6509129	STUD, HONING STONE	1
14	6509130	STONE, HONING	1
15	6509131	NUT	1
16	6509134	SPRING	2
17	6509133	BALL	2
18	6509135	BUTTON, DEPRESS	2
19	6509136	SET SCREW, DEPRESS BUTTON	2
20	6509132	WASHER, HONING STONE	1
21	6509143	NUT, SHARPENING STONE	1
22	8512516	WASHER, SHARPENING STONE	1
23	6509142	STONE, SHARPENING	1
24	6509141	STUD, SHARPENING STONE	1
25	6509126A	MOUNT, STONE	1

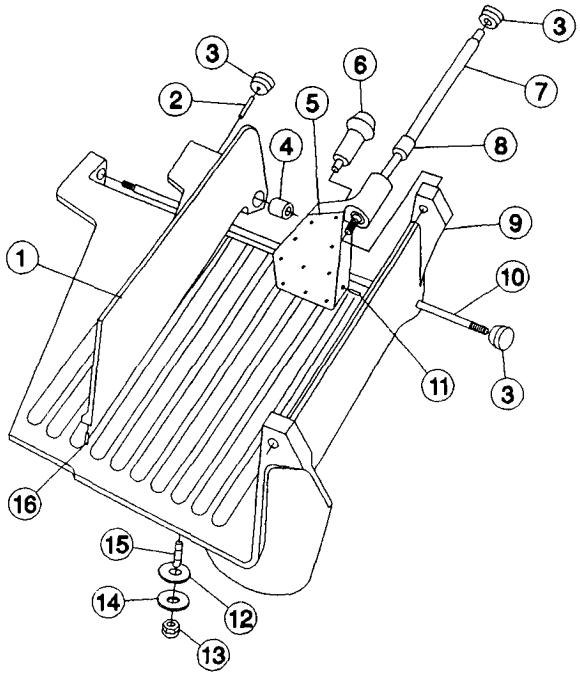


CARRIAGE ASSEMBLY
MODEL 7510
FIGURE 5

ILLUS. NO.	PART NO.	DESCRIPTION	QTY.
1.	8512432	SPACER, ADJUSTMENT	1
2.	8512436	STUD, ADJUSTMENT SPACER	1
3.	6509153	KNOB	3
4.	8512433*	BUSHING ADJUSTMENT SPACER	2
5.	8512426	LAST SLICE DEVICE	1
6.	6509054	KNOB, LAST SLICE DEVICE	1
7.	8512428	SHAFT, LAST SLICE DEVICE	1
8.	8512427**	BUSHING, LAST SLICE DEVICE	2
9.	8512425	CARRIAGE	1
10.	8512434	SHAFT, ADJUSTMENT SPACER	1
11.	8512431	NYLON TIP	2
12.	6509059	WASHER	1
13.	6509058	BOX NUT	1
14.	1200079	LOCKWASHER	1
15.	8512439	CARRIAGE STUD SCREW	1
16.	8512438	NYLON TIP	1

* Illus 4, 8512433 cannot be purchased separately it is part of illus 1,8512432.

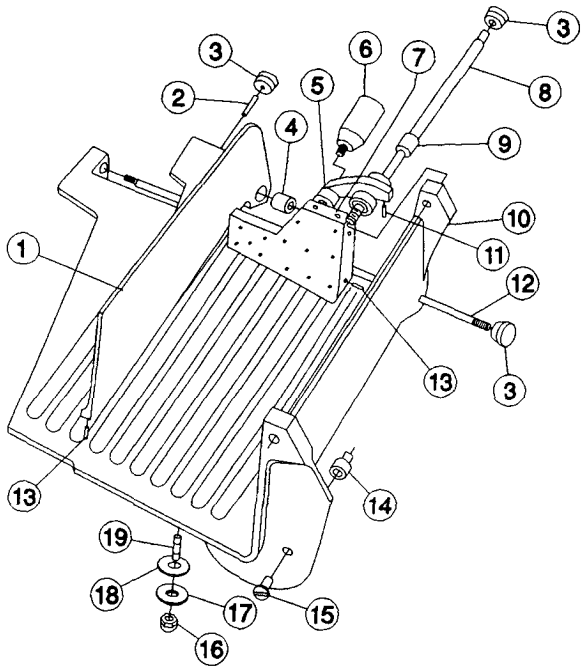
** Illus 8, 8512427 cannot be purchased separately it is part of illus 5, 8512426.



CARRIAGE ASSEMBLY
MODEL 7512
FIGURE 5A

ILLUS. NO.	PART NO.	DESCRIPTION	QTY.
1.	8512432	SPACER, ADJUSTMENT	1
2.	8512436	STUD, ADJUSTMENT SPACER	1
3.	6509153	KNOB	3
4.	8512433*	BUSHING ADJUSTMENT SPACER	2
5.	8512925	SUPPORT, LAST SLICE DEVICE	1
6.	8512924	KNOB, LAST SLICE DEVICE	1
7.	8512926	LAST SLICE DEVICE	1
8.	8512428	SHAFT, LAST SLICE DEVICE	2
9.	8512427**	BUSHING, LAST SLICE DEVICE	1
10.	8512425	CARRIAGE	1
11.	8512438	NYLON TIP, ADJUSTMENT SPACER	1
12.	8512434	SHAFT, ADJUSTMENT SPACER	1
13.	8512431	NYLON TIP, LAST SLICE DEVICE	1
14.	8512927	STUD, CARRIAGE	1
15.	8512229	SCREW, FLAT HEAD	1
16.	6509058	BOX NUT, M10-1.5	1
17.	1200079	LOCKWASHER	1
18.	8512439	WASHER, SPECIAL	1
19.	6509057	STUD, CARRIAGE	1

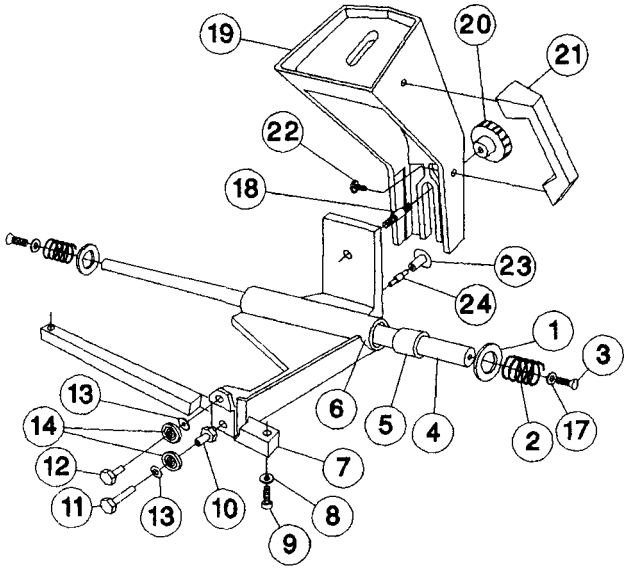
* Illus 4, 8512433 cannot be purchased separately it is part of illus 1, 8512432.
** Illus 9, 8512427 cannot be purchased separately it is part of .illus 5, 8512925.



CARRIAGE ARM AND SLIDE ASSEMBLY
MODEL 7510 - 7512
FIGURE 6

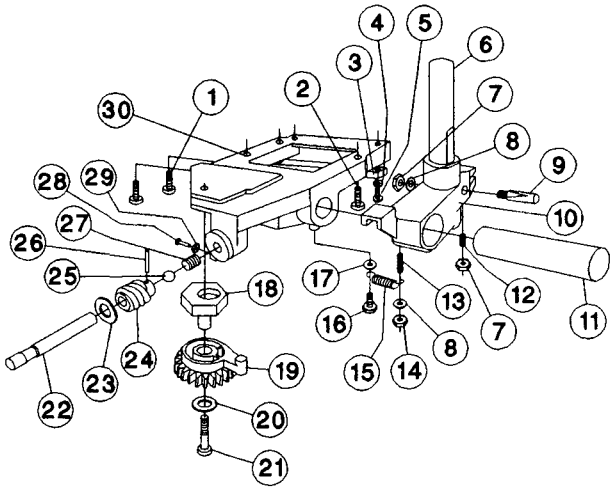
ILLUS. NO.	PART NO.	DESCRIPTION	QTY.
1.	6509036	WASHER, SLIDE BAR RUBBER	2
2.	7510337.	SPRING, SLIDE BAR(7512 ONLY)	2
	6509035	SPRING, SLIDE BAR(7510 ONLY)	2
3.	8512229	SCREW, M5-0.8 X 12MM FL HD SLT	2
4.	7510434	BAR, CARRIAGE SLIDE	1
5.	7510326**	BUSHING, CARRIAGE ARM	2
6.	7510325	SUPPORT, CARRIAGE ARM	1
7.	7510339	SLIDE, CARRIAGE	1
8.	6509041	WASHER, CARRIAGE SLIDE	2
9.	6509040	BOLT, CARRIAGE SLIDE	2
10.	9512299	BUSHING ECCENTRIC	1
11.	1053510	SCREW, CAP M6-1.0 X 25MM HX HD	1
12.	8512308	SCREW, BEARING LOCKING	1
13.	6509028	WASHER, M8	2
14.	6509031	BEARING	2
15.		RESERVED	
16.		RESERVED	
17.	6509037	WASHER	2
18.	6509042	BOLT, CARRIAGE	1
19.	7510043	CARRIAGE ARM	1
20.	6509044	KNOB, CARRIAGE ARM	1
21.	6509045	HANDLE, CARRIAGE ARM	1
22.	6509046	SCREW, CARRIAGE ARM HANDLE	2
23.	8512325	ANCHOR, CARRIAGE	1
24.	8512326	STUD, CARRIAGE ANCHOR	1

** Illus, 5 7510326 cannot be purchased separately it is pan of illus 6, 7510325.



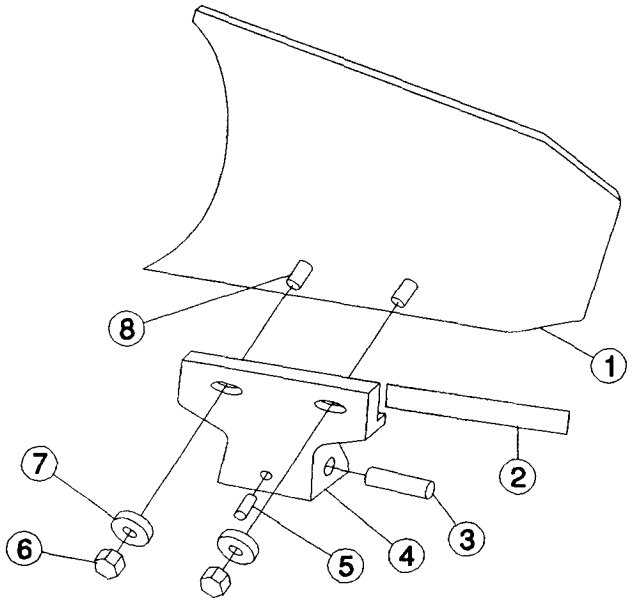
SLICE ADJUSTMENT ASSEMBLY
MODEL 7510 - 7512
FIGURE 7

ILLUS. NO.	PART NO.	DESCRIPTION	QTY.
1.	7510067	SCREW, SLICE CONTROL ATTACHMENT	2
2.	8512527	SCREW, SLICE CONTROL ATTACHMENT	1
3.	8512526	JIB	1
4.	8512525	WASHER, TOOTHED	2
5.	7510065	SCREW, JIB ATTACHMENT	2
6.	7512076	BOLT, TAPER SUPPORT (7512 ONLY)	1
	7510076	BOLT, TAPER SUPPORT (7510 ONLY)	1
7.	8512839	NUT	2
8.	8512522	WASHER	1
9.	6509071	STUD, CRANK	1
10.	8512511	BLOCK, SLICE ADJUSTMENT MOVING	1
11.	8512512	SHAFT, SLICE CONTROL	1
12.	7510073	STUD, JIB ATTACHMENT	1
13.	8512326	STUD	1
14.	6509131	NUT	1
15.	7510061	SPRING	1
16.	8512518	SCREW, SPRING ATTACHMENT	1
17.	6509028	WASHER	2
18.	8512501	PIN, ECCENTRIC	1
19.	8512502	GEAR	1
20.	8512503	WASHER	1
21.	8512504	SCREW, GEAR ATTACHMENT	1
22.	8512510	SHAFT, GRADUATED KNOB	1
23.	6509086	WASHER, FLEXIBLE	1
24.	8512507	WORM GEAR	1
25.	8512506	BALL	1
26.	8512508	ROLL PIN	1
27.	8512505	BALL STUD	1
28.	8512529	SCREW, SLICE ADJUSTMENT STOP	1
29.	8512530	NUT	1
30.	7510060	SLICE CONTROL GUIDE UNIT	1



FENCE ASSEMBLY
MODEL 7510 - 7512
FIGURE 8

ILLUS. NO	PART NO.	DESCRIPTION	QTY.
1.	7510079	FENCE (MODEL 7510)	1
	7512079	FENCE (MODEL 7512)	1
2.		SHIMS	AS REQ
3.	1200300	ROLL PIN 3/16 X 2	1
4.	7510077	BRACKET, FENCE MOUNTING (MODEL 7510)	1
	7512077	BRACKET, FENCE MOUNTING (MODEL 7512)	1
5.	8512326	SET SCREW	1
6.	6509081	NUT, ACORN	2
7	6509082	WASHER	2
8.	6509080	STUD, FENCE	2

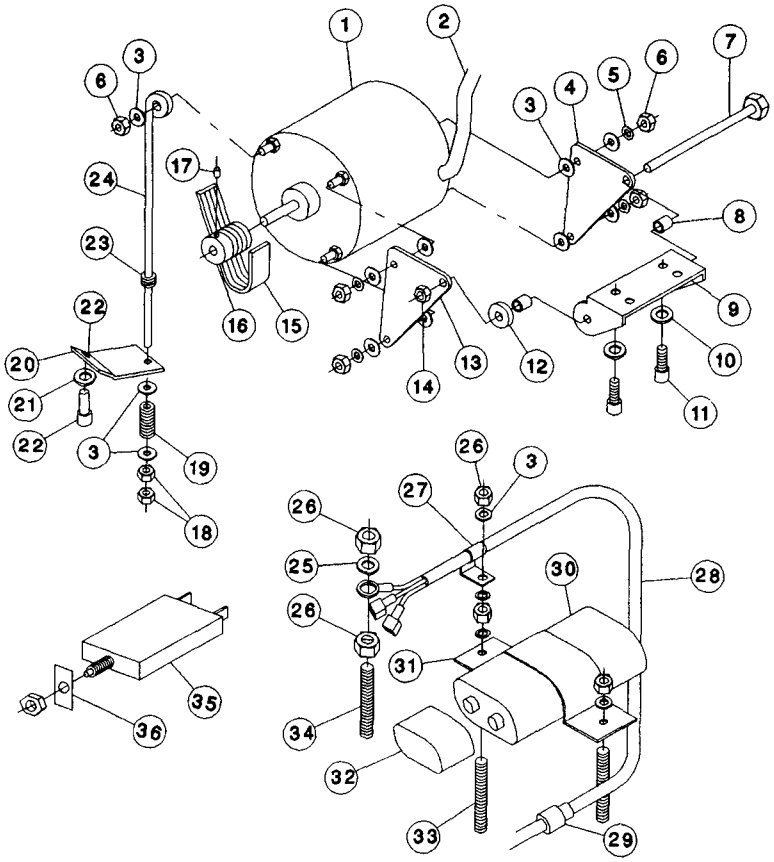


MOTOR. MOUNT AND DRIVE ASSEMBLY
MODEL 7510 - 7512
(115V, 50/60HZ, 1PH) (100V, 50/60HZ, 1PH)
FIGURE 9

ILLUS. NO.	PART NO.	DESCRIPTION	QTY.
1.	6090000	MOTOR, 1/3 HP, 115V, 50/60HZ, 1PH	1
2.	4400085	TUBING, CORD	15 FT
3.	1200076	WASHER NO. 10	11
4.	7120034	BRACKET, LEFT	1
5.	4400183	LOCKWASHER N0.8	4
6.	1200058	NUT 8-32	5
7.	7510099	BOLT, MOTOR PIVOT 10.MM SPECIAL	1
8.	7120006	SPACER	2
9.	7510157	BRACKET, MOTOR PIVOT	1
10.	1200261	LOCK WASHER	2
11.	1200260	SCREW, SOCKET HD. CAP	2
12.	4400127	WASHER, RUBBER	1
13.	7120033	BRACKET, RIGHT	1
14.	7510252	NUT, 10MM ELAS STOP	1
15.	7512155	BELT, POLY RIB (7512 ONLY)	1
	7510153	BELT, POLY RIB (7510 ONLY)	1
16.	6509156	PULLEY, MOTOR	1
17.	6509098	SET SCREW	1
18.	1200060	NUT, JAM 10-32	2
19.	6509104	SPRING	1
20.	7120022	BRACKET, BELT TENSION	1
21.*	6509041	WASHER, CARRIAGE SLIDE	1
22.*	6509040	BOLT, CARRIAGE SLID	1
23.	4400188	GROMMET, RUBBER	1
24.	4400023	ROD, BELT TENSIONING	1
		FOR 115V, 50/60HZ, 1PH ONLY	
		SEE FIGURE 8A FOR 100V, 50/60HZ, 1PH	
3.	1200076	WASHER NO. 10	4
25.	4400065	LOCK WASHER NO. 10	1
26.	7120017	NUT M5-0.8	5
27.	4400101	CLAMP, CABLE	1
28.	4400053	CORD, ELECTRIC	1
29.	1012042	STRAIN RELIEF	1
30.	7120001	CAPACITOR - 20 MFD., 370V.	1
31.	4400024	CLAMP, CAPACITOR	1
32.	7120008	BOOT, CAPACITOR	1
33.	6509113	STUD, M5-0.8 X 40MM	2
34.	6509161	STUD, M5-0.8 X 25MM	1
		FOR CANADA ONLY	
35.	4400240	CIRCUIT BREAKER 3.5 .AMP	1
36.	4400227	LABEL, RESET	1

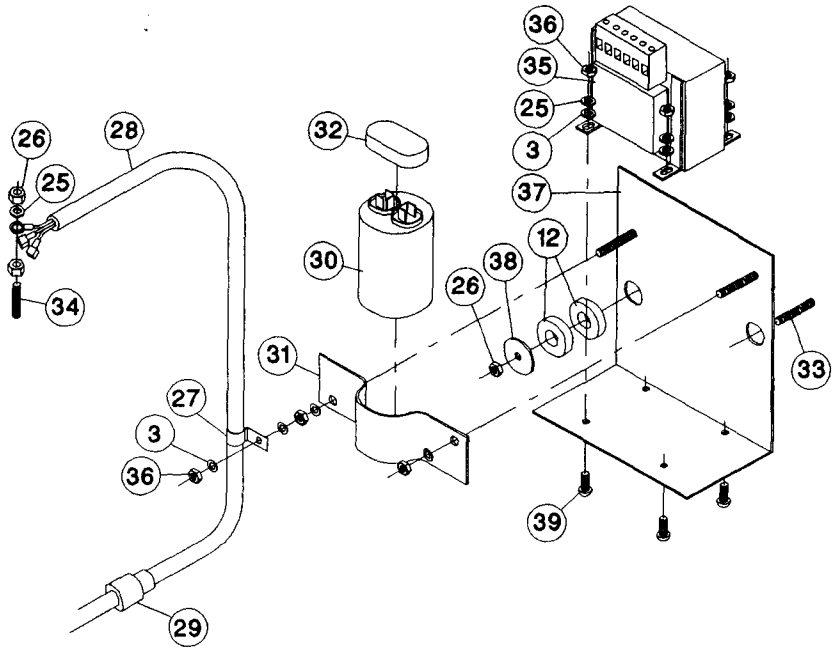
* ILLUS NO. 21 & 22 ARE SAME PART AS ILLUS NO. 8 & 9 IN FIGURE 6

MOTOR. MOUNT AND DRIVE ASSEMBLY
MODEL 7510 - 7512
(115V, 50/60HZ, 1PH) (100V, 50/60HZ, 1PH)
FIGURE 9



TRANSFORMER / CAPACITOR PANEL
100V,50/60HZ,1PH
FIGURE 9A

ILLUS. NO.	PART NO.	DESCRIPTION	QTY
3	1200076	WASHER, NO. 10	8
12	4400191	WASHER, RUBBER	4
25	4400065	WASHER, LOCK NO. 10	5
26	7120017	NUT, M5-0.8	4
27	4400101	CLAMP, CABLE	1
28	4400053	CORD, ELECTRICAL	1
29	1212042	STRAIN, RELIEF	1
30	7120001	CAPACITOR, 20MFD, 370V, 50/60HZ, 115V	1
31	4400024	BRACKET, CAPACITOR	1
32	7120008	BOOT, CAPACITOR	1
33	6509113	STUD. M5-0.8 X 40MM	2
34	6509161	STUD. M5-0.8 X 20MM	1
35	7100117	TRANSFORMER	1
36	1200060	NUT, HEX 10-32	7
37	7100118	BRACKET, TRANSFORMER / CAPACITOR	1
38	400414	WASHER, FENDER 1/4 ID	2
39	200012	SCREW, PPHD 10-32 X 1/2	4

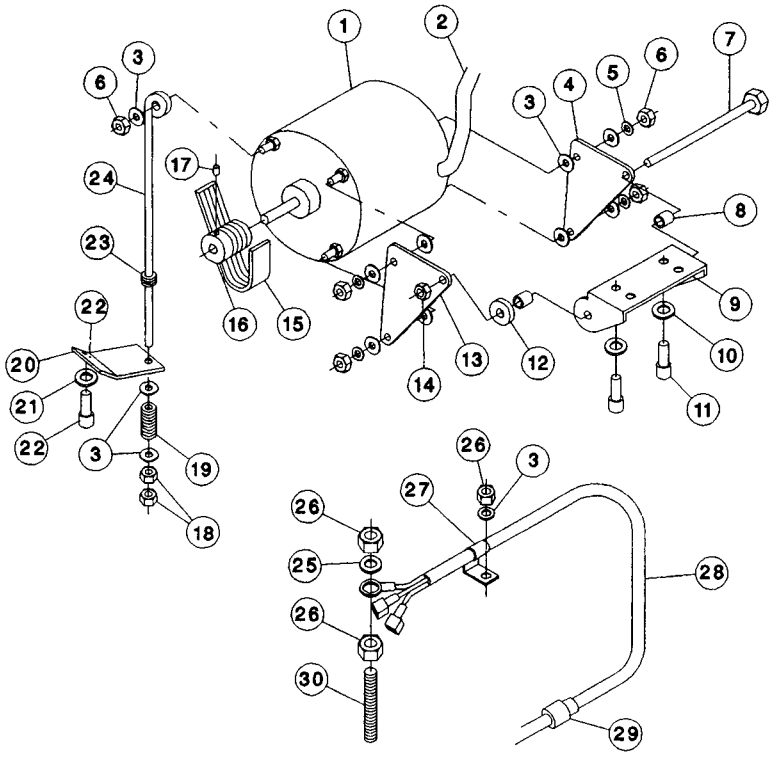


MOTOR. MOUNT AND DRIVE ASSEMBLY
MODEL 7510 - 7512 220-240V, 50/60HZ, 1PH
FIGURE 10

ILLUS. NO.	PART NO.	DESCRIPTION	QTY.
1.	6090002	MOTOR 1/3HP, 220-240V, 50/60HZ, 1PH	1
2.	4400085	TUBING, CORD	1.5FT
3.	1200076	WASHER NO. 10	2
4.	7120034	BRACKET, LEFT	1
5.	4400183	LOCKWASHER NO. 8	1
6.	1200058	NUT 8-32	2
7.	7510099	BOLT, MOTOR PIVOT 10.MM SPECIAL	1
8.	7120006	SPACER	2
9.	7510157	BRACKET, MOTOR PIVOT	1
10.	4400005	LOCK WASHER	2
11.	7510251	SCREW, SOCKET HD. CAP	2
12.	4400127	WASHER, RUBBER	1
13.	7120033	BRACKET, RIGHT	1
14.	7510252	NUT, 10MM ELAS STOP	1
15.	7512155	BELT, POLY RIB (7512 ONLY)	1
	7510153	BELT, POLY RIB (7510 ONLY)	1
16.	6509156	PULLEY, MOTOR	1
17.	6509098	SET SCREW	1
18.	1200060	JAM NUT 10-32	2
19	6509104	SPRING	1
20.	7120022	BRACKET, BELT TENSION	1
21.*	6509041	WASHER, CARRIAGE SLIDE	1
22.*	6509040	BOLT, CARRIAGE SLID	1
23.	4400188	GROMMET, RUBBER	1
24.	4400023	ROD, BELT TENSIONING	1
25.	4400065	LOCK WASHER NO. 10	1
26.	7120017	NUT M5	3
27.	4400101	CLAMP, CABLE	1
28.	8800210	CORD. ELECTRIC	1
29.	1012042	STRAIN RELIEF	1
30	6509161	STUD, M5-0.8 X 25MM	1

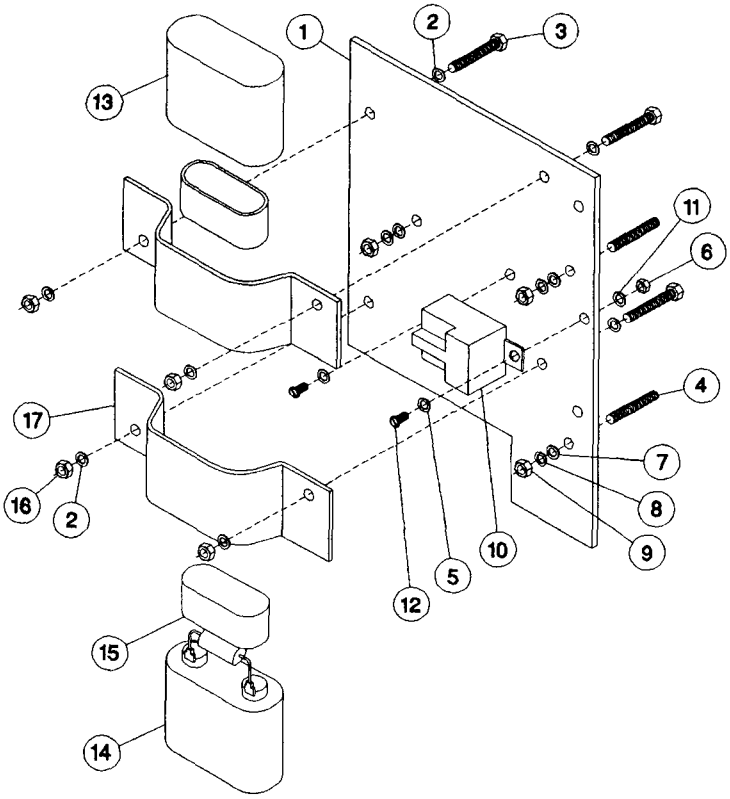
* ILLUS NO. 21 & 22 ARE SAME PART AS ILLUS NO. 8 & 9 IN FIGURE 6

MOTOR. MOUNT AND DRIVE ASSEMBLY
MODEL 7510 - 7512
220-240V, 50/60HZ, 1PH
Figure 10

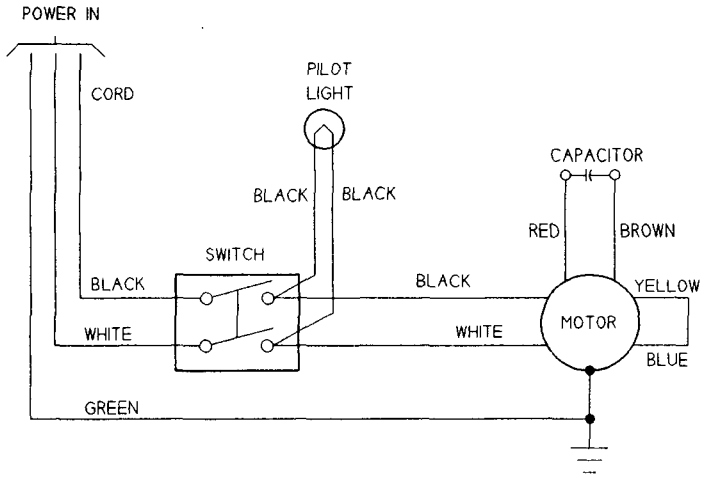


CAPACITOR PANEL 220-240V, 50/60HZ, 1PH
Figure. 10A

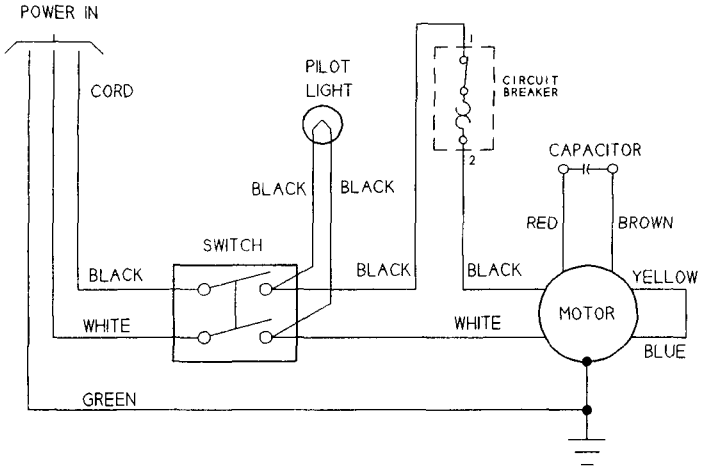
ILLUS. NO.	PART NO.	DESCRIPTION	QTY.
1	7120052	PANEL, CAPACITOR	1
2	1200076	WASHER, FLAT NO. 10	8
3	1200415	SCREW, HEX HD 10-32 X 1 1/4	4
4	6509113	STUD, M5-0.8 X 40MM	3
5	1200430	WASHER, LOCK N0.6	2
6	1200429	NUT, HEX 6-32	2
7	1814062	WASHER, FLAT M5	3
8	4400065	WASHER, LOCK NO. 10	3
9	7120017	NUT, HEX M5-0.8	3
10	7120055	RELAY	1
11	1200093	WASHER, FLAT N0.6	2
12	4400204	SCREW, PAN HD 6-32	2
13	7120051	CAPACITOR, 5UF, 370V, 50/60HZ.	1
14	7120056	CAPACITOR / RESISTER 100K	1
15	7120008	BOOT, CAPACITOR	2
16	1200060	NUT, HEX 10-32	4
17	4400224	BRACKET, CAPACITOR 220V	2



WIRING DIAGRAM
MODEL 7510 - 7512
115V, 50/60 HZ, 1PH
FIGURE 11



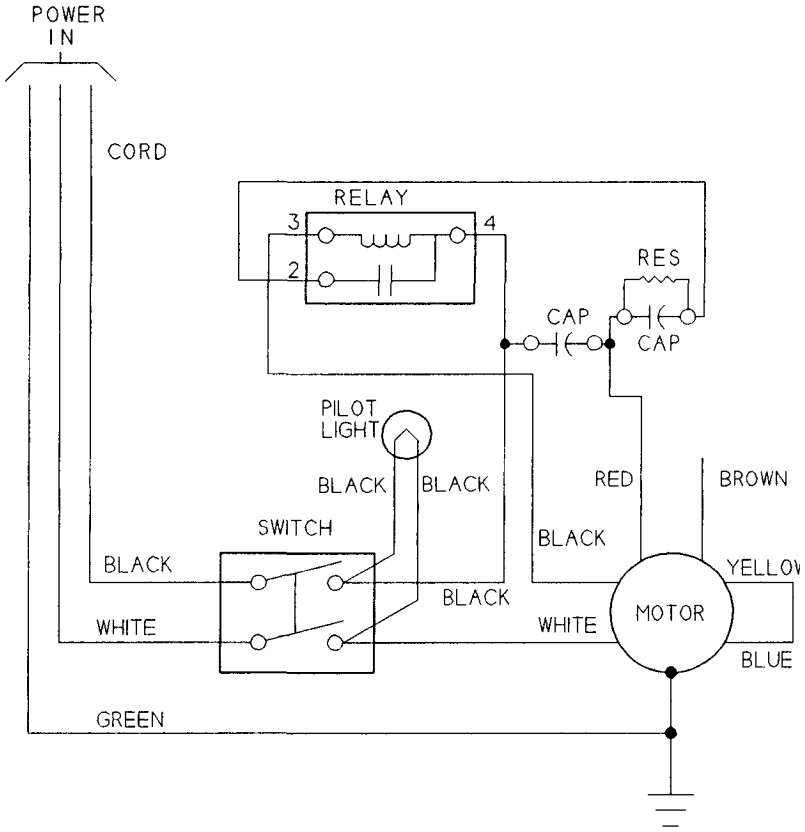
115V 50/60HZ 1PH. CANADA ONLY



IMPORTANT

Before making electrical connections, check the specifications on the data plate to assure they agree with those of your electrical service.
Whenever cleaning or maintenance is being performed **DISCONNECT** electrical cord.

WIRING DIAGRAM
MODEL 7510 - 7512
220-240V, 50/60HZ, 1PH
FIGURE 11A

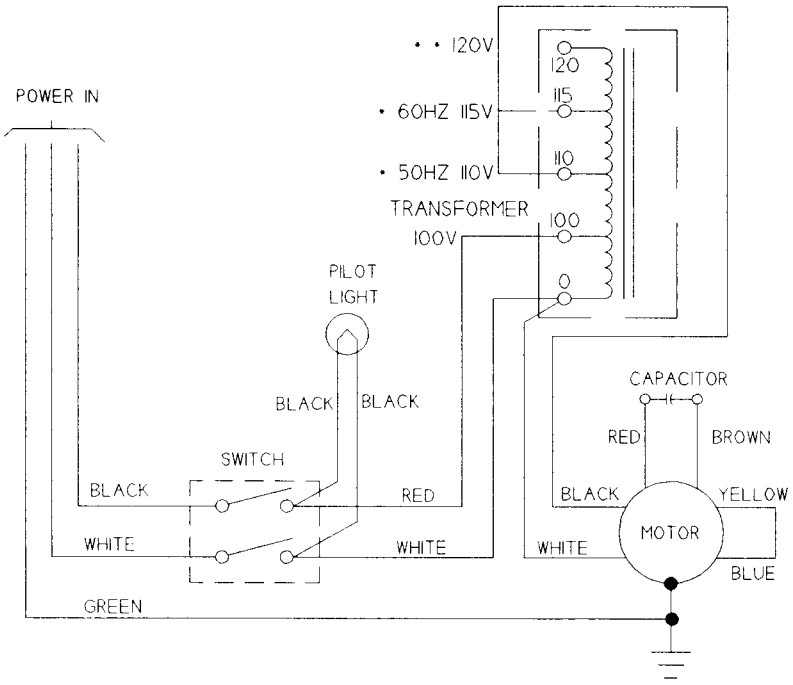


IMPORTANT

Before making electrical connections, check the specifications on the data plate to assure they agree with those of your electrical service.

Whenever cleaning or maintenance is being performed **DISCONNECT** electrical cord.

WIRING DIAGRAM
MODEL 7510 - 7512
100V, 50/60HZ, 1PH
FIGURE 11B



*** CAUTION:** Installations with 50HZ electrical supplies should have black motor lead connected to 110V output terminal ONLY. Connection to higher voltage outputs could cause motor failure. The transformer has been wired at the factory for 50HZ operation at 110V output. If you have 60HZ electrical supply the black motor lead can be switched to 115V output terminal for optimal slicer performance.

*** *** The black motor lead should ONLY be connected to 120V output when the supply voltage is consistently at 90V or less (50 or 60HZ).

IMPORTANT

Before making electrical connections, check the specifications on the data plate to assure they agree with those of your electrical service

Whenever cleaning or maintenance is being performed **DISCONNECT** electrical cord.