

18" Scroll Saw



Dated 3-14-90

Part No. 430-03-651-0001
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 **DELTA**

SAFETY RULES

As with all machinery there are certain hazards involved with operation and use of the machine. Using the machine with respect and caution will considerably lessen the possibility of personal injury. However, if normal safety precautions are overlooked or ignored, personal injury to the operator may result.

This machine was designed for certain applications only. Delta Machinery strongly recommends that this machine NOT be modified and/or used for any application other than for which it was designed. If you have any questions relative to its application DO NOT use the machine until you have written Delta Machinery and we have advised you.

DELTA INTERNATIONAL MACHINERY CORP.
MANAGER OF TECHNICAL SERVICES
246 ALPHA DRIVE
PITTSBURGH, PENNSYLVANIA 15238
(IN CANADA: 644 IMPERIAL ROAD, GUELPH, ONTARIO N1H 7M3)

WARNING: FAILURE TO FOLLOW THESE RULES MAY RESULT IN SERIOUS PERSONAL INJURY

- 1. FOR YOUR OWN SAFETY, READ INSTRUCTION MANUAL BEFORE OPERATING THE TOOL.** Learn the tool's application and limitations as well as the specific hazards peculiar to it.
- 2. KEEP GUARDS IN PLACE** and in working order.
- 3. GROUND ALL TOOLS.** If tool is equipped with three-prong plug, it should be plugged into a three-hole electrical receptacle. If an adapter is used to accommodate a two-prong receptacle, the adapter lug must be attached to a known ground. Never remove the third prong.
- 4. REMOVE ADJUSTING KEYS AND WRENCHES.** Form habit of checking to see that keys and adjusting wrenches are removed from tool before turning it "on."
- 5. KEEP WORK AREA CLEAN.** Cluttered areas and benches invite accidents.
- 6. DON'T USE IN DANGEROUS ENVIRONMENT.** Don't use power tools in damp or wet locations, or expose them to rain. Keep work area well-lighted.
- 7. KEEP CHILDREN AND VISITORS AWAY.** All children and visitors should be kept a safe distance from work area.
- 8. MAKE WORKSHOP CHILDPROOF** - with padlocks, master switches, or by removing starter keys.
- 9. DON'T FORCE TOOL.** It will do the job better and be safer at the rate for which it was designed.
- 10. USE RIGHT TOOL.** Don't force tool or attachment to do a job for which it was not designed.
- 11. WEAR PROPER APPAREL.** No loose clothing, gloves, neckties, rings, bracelets, or other jewelry to get caught in moving parts. Nonslip foot wear is recommended. Wear protective hair covering to contain long hair.
- 12. ALWAYS USE SAFETY GLASSES.** Wear safety glasses (must comply with ANSI Z87.1). Everyday eyeglasses only have impact resistant lenses; they are not safety glasses. Also use face or dust mask if cutting operation is dusty.
- 13. SECURE WORK.** Use clamps or a vise to hold work when practical. It's safer than using your hand and frees both hands to operate tool.
- 14. DON'T OVERREACH.** Keep proper footing and balance at all times.
- 15. MAINTAIN TOOLS IN TOP CONDITION.** Keep tools sharp and clean for best and safest performance. Follow instructions for lubricating and changing accessories.
- 16. DISCONNECT TOOLS** before servicing and when changing accessories such as blades, bits, cutters, etc.
- 17. USE RECOMMENDED ACCESSORIES.** Consult the owner's manual for recommended accessories. The use of improper accessories may cause hazards.
- 18. AVOID ACCIDENTAL STARTING.** Make sure switch is in "OFF" position before plugging in power cord.
- 19. NEVER STAND ON TOOL.** Serious injury could occur if the tool is tipped or if the cutting tool is accidentally contacted.
- 20. CHECK DAMAGED PARTS.** Before further use of the tool, a guard or other part that is damaged should be carefully checked to ensure that it will operate properly and perform its intended function - check for alignment of moving parts, binding of moving parts, breakage of parts, mounting, and any other conditions that may affect its operation. A guard or other part that is damaged should be properly repaired or replaced.
- 21. DIRECTION OF FEED.** Feed work into a blade or cutter against the direction of rotation of the blade or cutter only.
- 22. NEVER LEAVE TOOL RUNNING UNATTENDED. TURN POWER OFF.** Don't leave tool until it comes to a complete stop.
- 23. DRUGS, ALCOHOL, MEDICATION.** Do not operate tool while under the influence of drug, alcohol or any medication.
- 24. MAKE SURE TOOL IS DISCONNECTED FROM POWER SUPPLY** while motor is being mounted, connected or reconnected.
- 25. WARNING:** The dust generated by certain woods and wood products can be injurious to your health. Always operate machinery in well ventilated areas and provide for proper dust removal. Use wood dust collection systems whenever possible.

ADDITIONAL SAFETY RULES FOR SCROLL SAWS

1. **WARNING:** Do not operate your scroll saw until it is completely assembled and installed according to the instructions.
2. **IF YOU ARE NOT** thoroughly familiar with the operation of Scroll Saws, obtain advice from your supervisor, instructor or other qualified person.
3. **YOUR** Scroll Saw **MUST** be securely fastened to a stand or workbench. If there is any tendency for the stand or workbench to move during operation, the stand or workbench **MUST** be fastened to the floor.
4. **THIS SCROLL SAW** is intended for indoor use only.
5. **MAKE SURE** blade is properly tensioned before operating saw.
6. **MAKE SURE** the blade teeth point downward toward the table.
7. **NEVER** turn the saw "ON" before clearing the table of all objects (tools, scraps of wood, etc.).
8. **DO NOT** cut material that is too small to be safely supported.
9. **AVOID** awkward hand positions where a sudden slip could cause a hand to move into the blade.
10. **ALWAYS** keep hands and fingers away from blade.
11. **DO NOT** attempt to saw material that does not have a flat surface, unless a suitable support is used.
12. **MAKE** "relief" cuts before cutting long curves.
13. **ALWAYS** hold the work firmly against the table.
14. **DO NOT** feed the material too fast while cutting. Only feed the material fast enough so that the blade will cut.
15. **WHEN CUTTING** a large workpiece make sure the material is supported at table height.
16. **USE CAUTION** when cutting material which is irregular in cross section which could pinch the blade before the cut is completed. A piece of moulding for example must lay flat on the table and not be permitted to rock while being cut.
17. **USE CAUTION** when cutting round material such as dowel rods or tubing. They have a tendency to roll while being cut causing the blade to "bite."
18. **NEVER** perform layout, assembly or set-up work on the table while the saw is operating.
19. **TURN OFF** the saw before backing material out of an uncompleted cut.
20. **STOP** the saw before removing scrap pieces from the table.
21. **ADDITIONAL INFORMATION** regarding the safe and proper operation of this product is available from the National Safety Council, 444 N. Michigan Avenue, Chicago, IL 60611 in the Accident Prevention Manual for Industrial Operations and also in the Safety Data Sheets provided by the NSC. Please also refer to the American National Standards Institute ANSI O1.1 Safety Requirements for Woodworking Machinery and the U.S. Department of Labor OSHA 1910.213 Regulations.

UNPACKING AND CLEANING

Carefully unpack the saw and all loose items from the shipping carton. Remove the protective paper (A) Fig. 3 from the table surface. Clean the table with a soft cloth moistened with kerosene (do not use acetone, gasoline or lacquer thinner for this purpose). After cleaning, cover the table surface with a good quality paste wax.

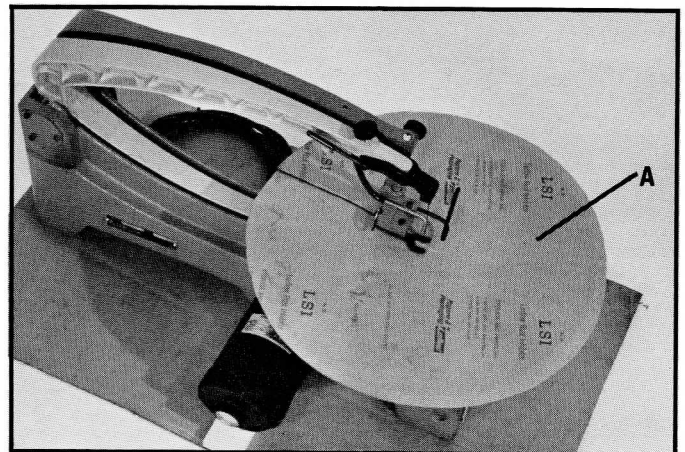


Fig. 3

ASSEMBLING STAND

If you purchased your scroll saw complete with stand, assemble the stand as follows:

1. Lay top shelf (A) upside down on floor, as shown in Fig. 4, and assemble one rear leg (B) and two front legs (C) to top shelf using the fourteen 5/16-18 x 3/4" Hex Head screws, 5/16" lockwashers, and 5/16"-18 Hex nuts (D). NOTE: All three legs are to be positioned inside the top shelf, as shown.
2. Assemble the three tie bars (E) to the legs, as shown in Fig. 4, using the twelve 5/16-18 x 3/4" Hex Head screws and 5/16"-18 Hex nuts (F).
3. Place stand in upright position.
4. Assemble each of the two grommets (G) Fig. 5, into the holes in both front corners of the top shelf. NOTE: A small screwdriver can be used to assemble the grommets to the holes, as shown in Fig. 5 and 6.

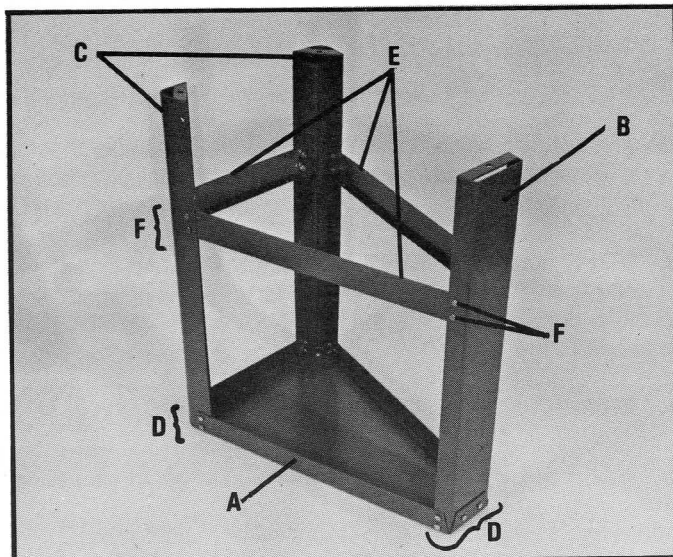


Fig. 4

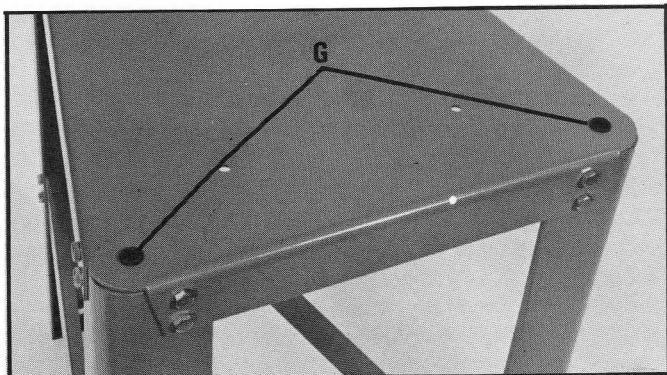


Fig. 5

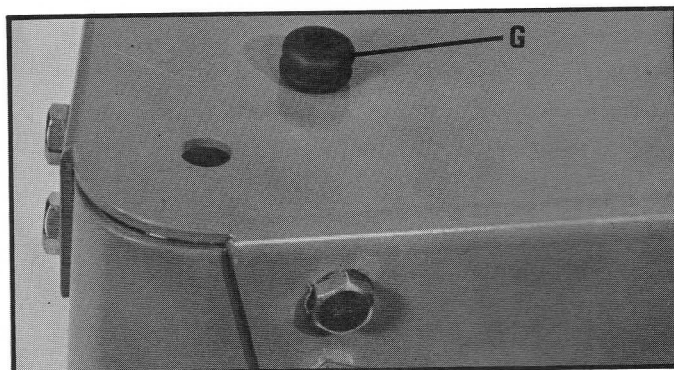


Fig. 6

ASSEMBLING SAW TO STAND

1. Place a piece of cardboard (A) on the top shelf of stand, as shown in Fig. 7.
2. Place the rear end of the saw on the cardboard and while one person holds the saw, remove the three screws (B) as shown in Fig. 7, using the T-handle wrench (C) supplied.

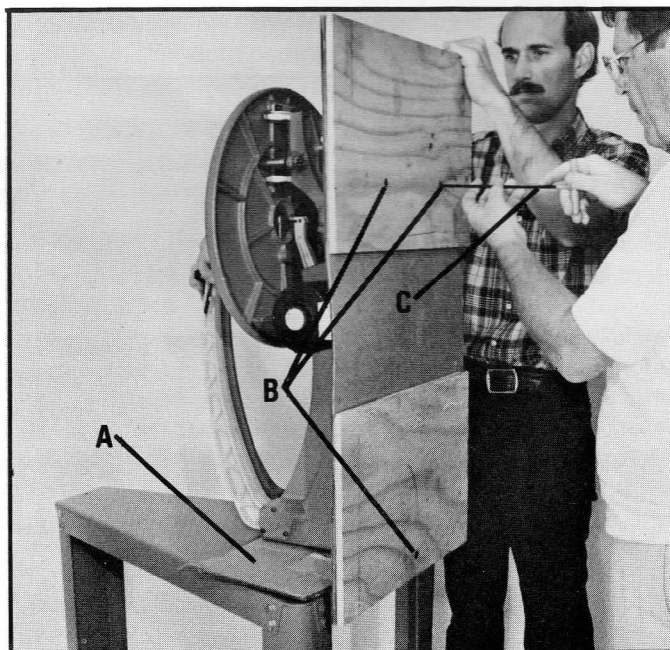


Fig. 7

3. Remove the mounting board (D), as shown in Fig. 8.

4. Make sure motor cord (E) and power cord (F) Fig. 8, are not crossed and assemble the saw to the top shelf using the three 1/4-20 x 1/2" Button Head screws and 1/4" lockwashers, supplied. NOTE: The T-wrench supplied can be used to assemble the saw to the stand.

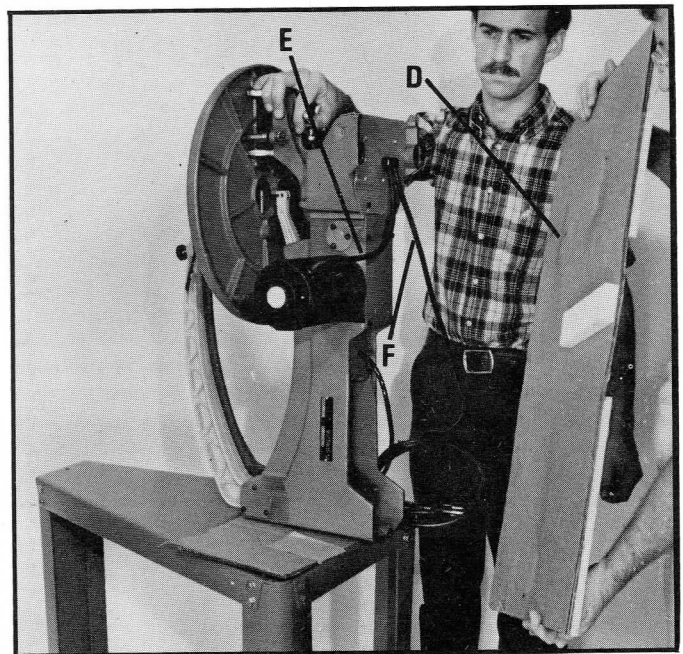


Fig. 8

5. Insert wrench (G) and blade changing pin (H) into the two grommets, as shown, in Fig. 9.

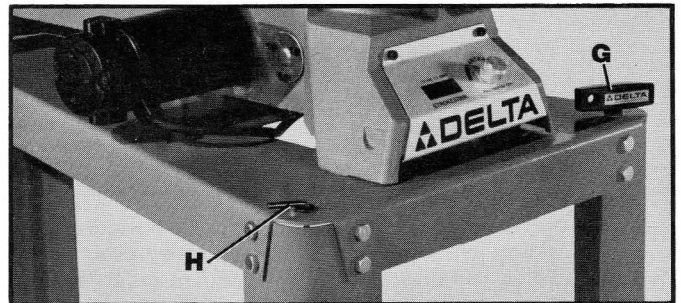


Fig. 9

ASSEMBLING TABLE INSERT

1. MAKE CERTAIN THE MACHINE IS DISCONNECTED FROM THE POWER SOURCE.

2. Assemble table insert (A) Figs. 9A and 9B, onto the table top from behind the saw blade (B) so slot (C) is toward the front of the machine. NOTE: Make certain the table insert fits flush with the table surface.

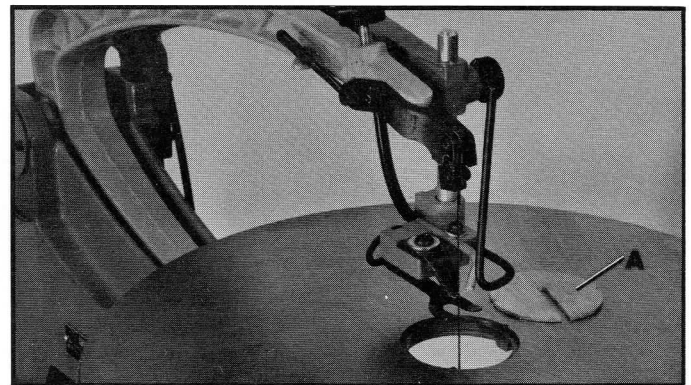


Fig. 9A

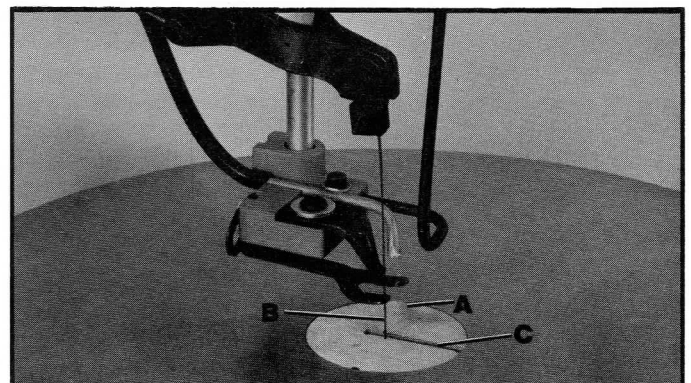


Fig. 9B

CONNECTING SAW TO POWER SOURCE

POWER CONNECTIONS

A separate electrical circuit should be used for your tools. This circuit should not be less than #12 wire and should be protected with a 20 Amp time lag fuse. If an extension cord is used, use only 3-wire extension cords which have 3-prong grounding type plugs and 3-pole receptacles which accept the tools plug. For distances up to 100 feet use #12 wire. For distances up to 150 feet use #10 wire. Have a certified electrician replace or repair damaged or worn cord immediately. Before, connecting the motor to the power line, make sure the switch is in the "OFF" position and be sure that the electric current is of the same characteristics as stamped on motor nameplate. All line connections should make good contact. Running on low voltage will injure the motor.

GROUNDING INSTRUCTIONS

CAUTION: This tool must be grounded while in use to protect the operator from electric shock. The motor is shipped wired for 115 Volt, Single Phase and is equipped with an approved 3-conductor cord and 3-prong grounding type plug to fit the proper grounding type receptacle, as shown in Fig. 10. The green conductor in the cord is the grounding wire. **CAUTION:** Never connect the green wire to a live terminal.

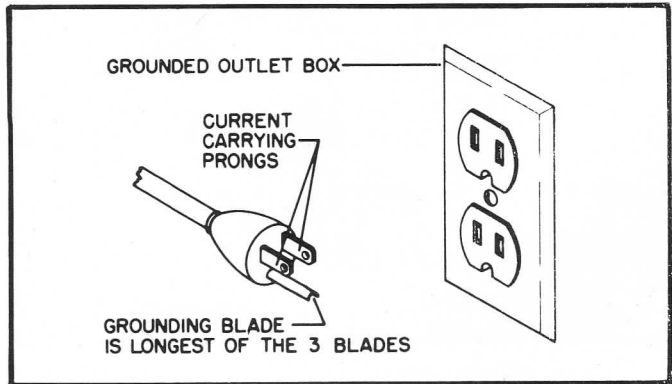


Fig. 10

An adapter, shown in Fig. 11, is available for connecting 3-prong grounding type plugs to 2-prong receptacles. THIS ADAPTER IS NOT APPLICABLE IN CANADA. The green-colored rigid ear, lug, etc., extending from the adapter is the grounding means and must be connected to a permanent ground such as to properly grounded outlet box, as shown in Fig. 11.

CAUTION: IN ALL CASES, MAKE SURE THE RECEPTACLE IN QUESTION IS PROPERLY GROUNDED. IF YOU ARE NOT SURE HAVE A CERTIFIED ELECTRICIAN CHECK THE RECEPTACLE.

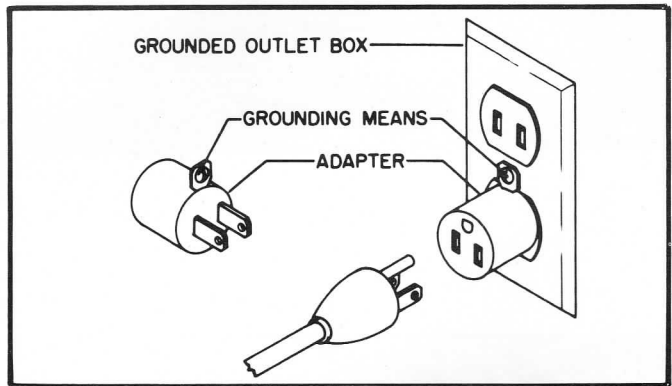


Fig. 11

SWITCH

Your saw may be equipped with a rotating ON-OFF Switch or a push/pull ON-OFF Switch. In both cases the switch appears as shown at (A) Fig. 12.

ROTATING ON-OFF SWITCH

To turn the saw ON, rotate switch (A) Fig. 12 clockwise and to turn the saw OFF, rotate switch (A) counterclockwise.

PUSH/PULL ON-OFF SWITCH

To turn the saw ON, pull out switch (A) Fig. 12 and to turn the saw OFF, push in switch (A).

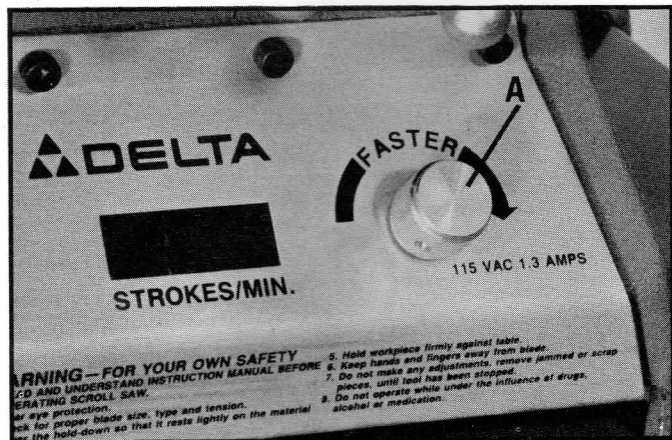


Fig. 12

SPEED CONTROL

Your scroll saw can be operated at speeds of 50 to 2000 strokes per minute. The strokes per minute is indicated by the digital readout shown at (B) Fig. 13. To increase the strokes per minute, rotate switch (A) clockwise and to decrease the strokes per minute, rotate switch (A) counterclockwise.

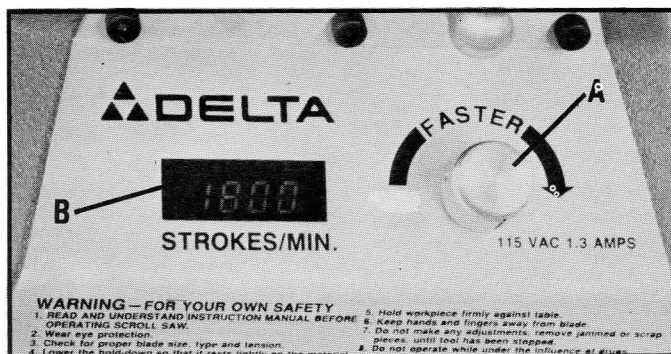


Fig. 13

CHANGING BLADES

1. Remove table insert (A) Fig. 14.
2. Release blade tension by pulling tension lever (B) forward, as shown in Fig. 14.
3. Insert pin (C) in hole in upper blade holder, as shown in Fig. 15.

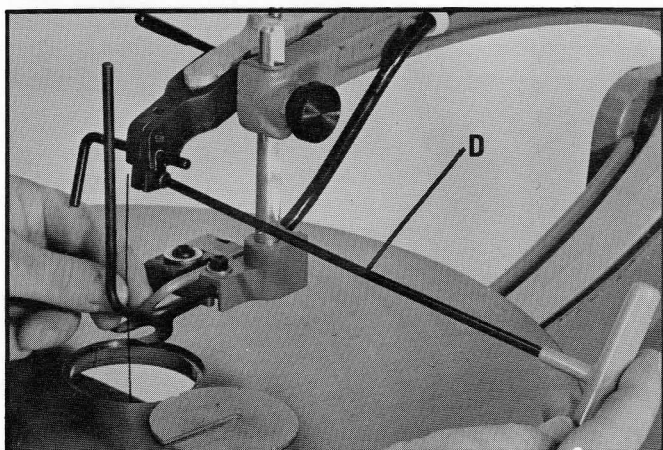


Fig. 16

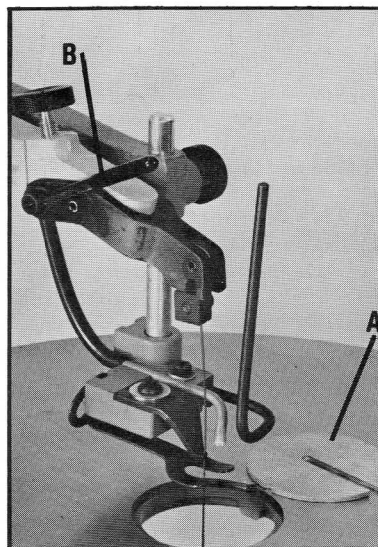


Fig. 14

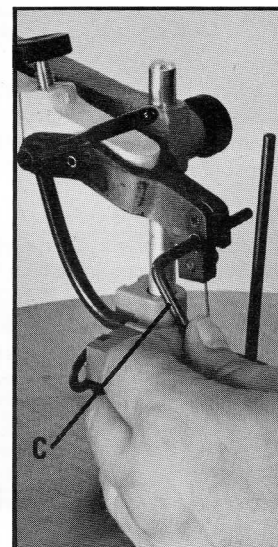


Fig. 15

4. Loosen blade holder screw using wrench (D) and remove blade from upper blade holder, as shown in Fig. 16.

5. Insert pin (C) in hole in lower blade holder, and loosen blade holder screw using wrench (D) and remove blade, as shown in Fig. 17.

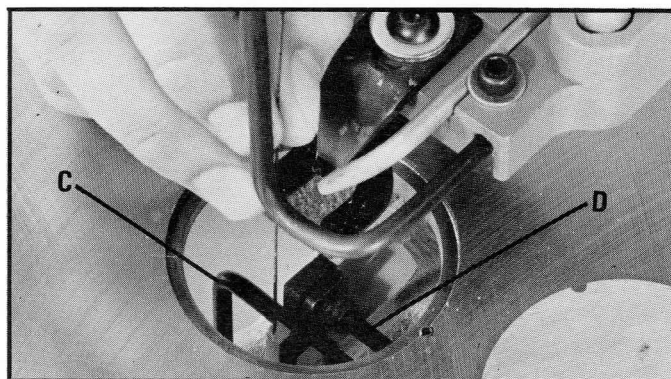


Fig. 17

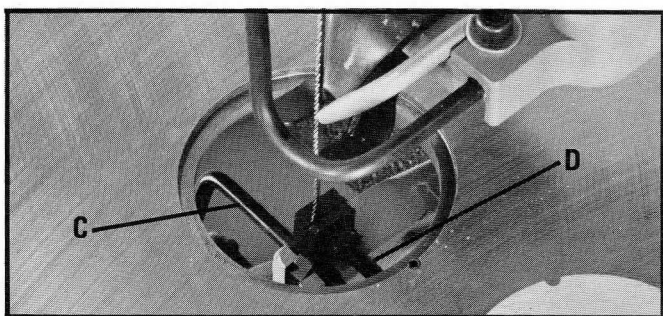


Fig. 18

6. With pin (C) still inserted in hole in lower blade holder, place blade in holder until back edge of blade contacts screw and tighten blade holder screw using wrench (D) Fig. 18.

7. Insert pin (C) in hole in upper blade holder and place blade in holder until back edge of blade contacts screw and tighten blade holder screw using wrench (D), as shown in Fig. 19.
8. Apply tension to the blade by moving tension lever (B) to the rear.

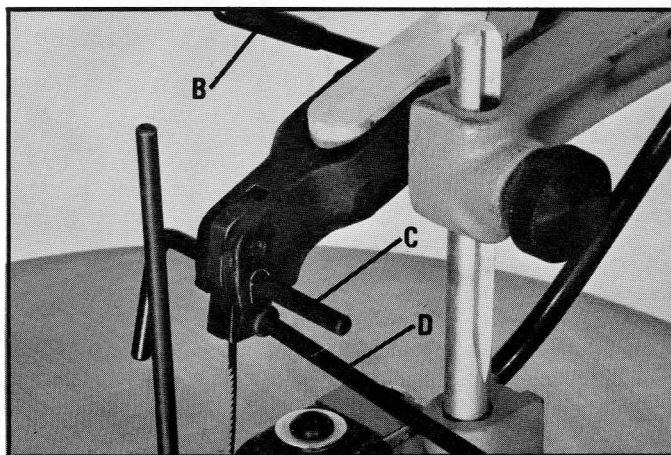


Fig. 19

ADJUSTING BLADE TENSION

Tension is applied to the blade when the blade tension lever (A) is in the rear position, as shown in Fig. 20. When the lever (A) is moved forward, blade tension is released.

To increase blade tension, turn knob (B) Fig 20, clockwise and to decrease blade tension, turn knob counterclockwise. When adjusting tension, lever (A) should be in the forward position.

CAUTION: Excessive blade tension may cause blade breakage.

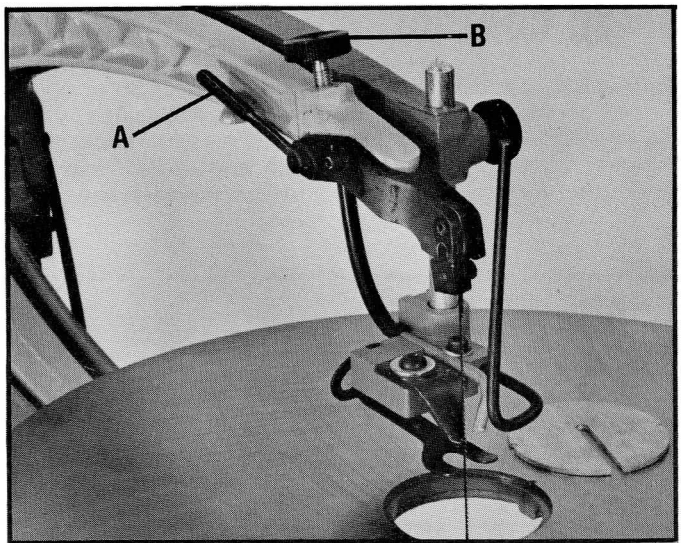


Fig. 20

ADJUSTING BLADE GUIDE

The blade may be supported from the rear and held in line to prevent excessive bending while cutting. Accurate work and minimum blade breakage, especially with thin blades depends on proper adjustment of the blade guide.

The button head screw (A) Fig. 21, holds the blade guide to the blade guide bracket. The guide (B) should be adjusted forward until the V-slot barely touches the rear edge of the blade. Then tighten screw (A) Fig. 21. The blade should not rub in the slot while running free. Excessive friction work-hardens the back edge of the blade and reduces blade life. Pressure on the work will push the blade back against the guide while cutting.

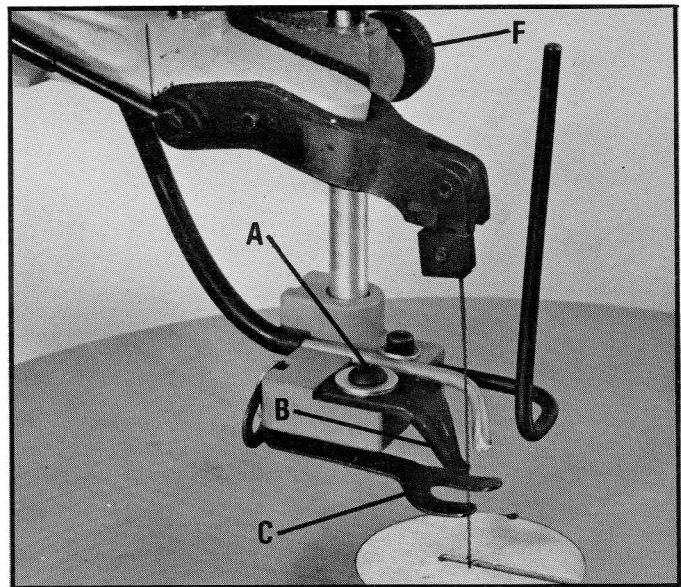


Fig. 21

ADJUSTING HOLDDOWN SPRING

The purpose of the holddown spring (C) Fig. 21, is to hold the work against the table so that it cannot lift with the up stroke of the blade. It should lie flat on the work with the front prongs straddling the blade.

The holddown spring (C) Fig. 21, is attached to the blade guide bracket and the height of the holddown spring is adjusted by loosening knob (F) and moving the guide post up or down.

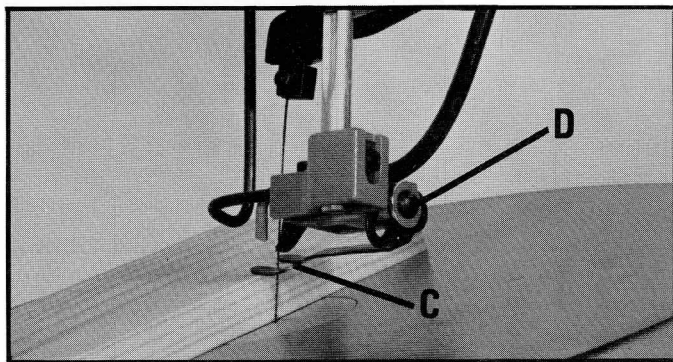


Fig. 22

When the table is tilted, the holddown spring (C) Fig. 22, can be adjusted by loosening screw (D), to the same angle as the table, so it lies flat on the work.

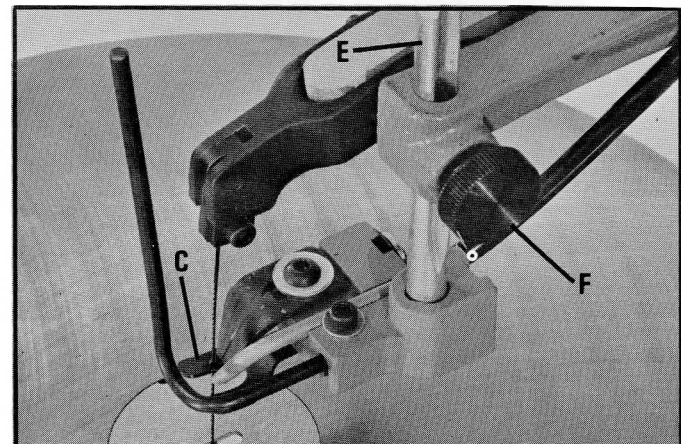


Fig. 23

ADJUSTING GUIDE POST

The guide post (E) Fig. 23, is adjusted according to the thickness of the work by loosening knob (F) and moving the guide post up or down accordingly. Then tighten knob (F). The holddown spring (C) Fig. 23, should always be brought down as close to the work as possible. The maximum capacity under the holddown spring is 2". The capacity which can be cut with the table tilted will be less.

ADJUSTING DUST BLOWER

The dust blower (G) Fig. 24, may be moved to direct air to the most effective point on the cutting line by loosening screw (H).

ADJUSTING BLADE GUARD

The blade guard (J) Fig. 24, should always be adjusted so it is in line with the saw blade by loosening screw (H).

LEVELING THE TABLE

A table stop (A) Fig. 25, is provided to accurately position the table at 90 degrees with the saw table. Thread nut (B) on table stop (A), loosen lock knob (C) and tilt table (D). Insert table stop (A) Fig. 25, into hole in casting (E) and lower table (D) until it contacts top of table stop (A) as shown.

Using a square as shown in Fig. 26, check to see if the table is 90 degrees with the saw blade.

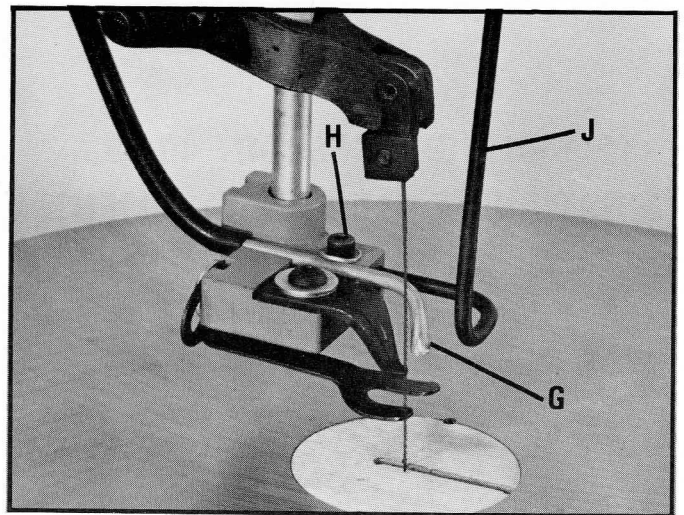


Fig. 24

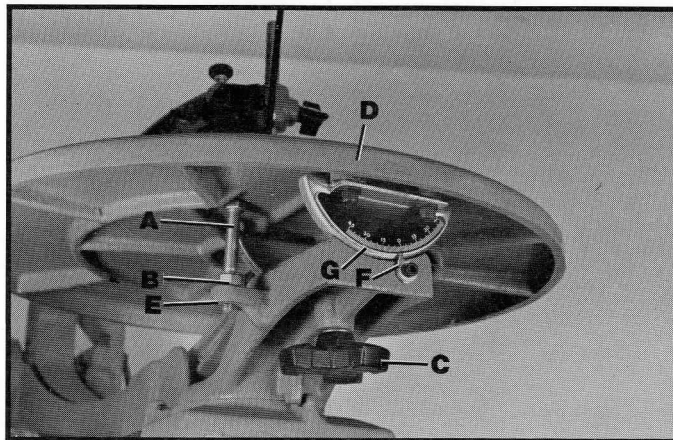


Fig. 25

To adjust, turn nut (B), Fig. 25 right or left as needed until table is 90 degrees with the saw blade. Tighten lock knob (C) and adjust indicator (F) until it points to zero on angle-of-tilt scale (G).

TILTING THE TABLE

The table on your scroll saw can be tilted 45 degrees to the right and 30 degrees to the left. To tilt the table to the right, loosen lock knob (A) Fig. 27 and move the table to the desired angle of tilt. **NOTE:** To tilt the table to the left, it is necessary to remove table stop (B). Tighten lock knob (A) when table is at desired angle of tilt.

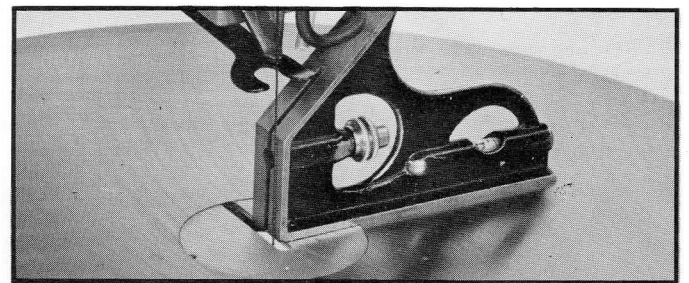


Fig. 26

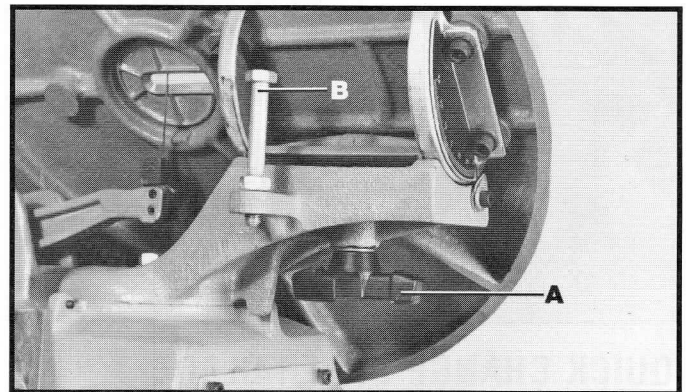


Fig. 27

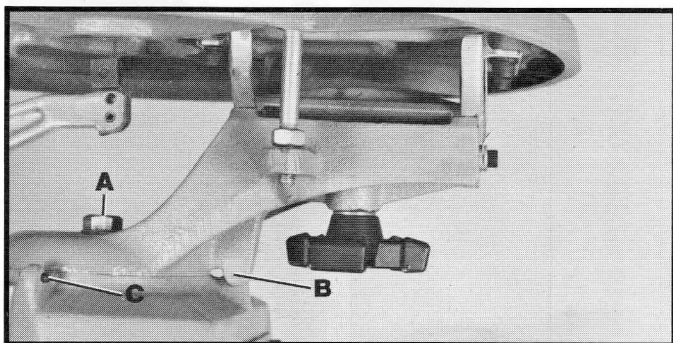


Fig. 28

ROTATING THE TABLE

The table can be rotated 90 degrees by loosening screw (A) Fig. 28, and rotating the complete table bracket assembly to the left until stop (B) contacts set screw (C). Then tighten screw (A). This enables you to tilt the table forward, as shown in Fig. 29, for special cutting operations.

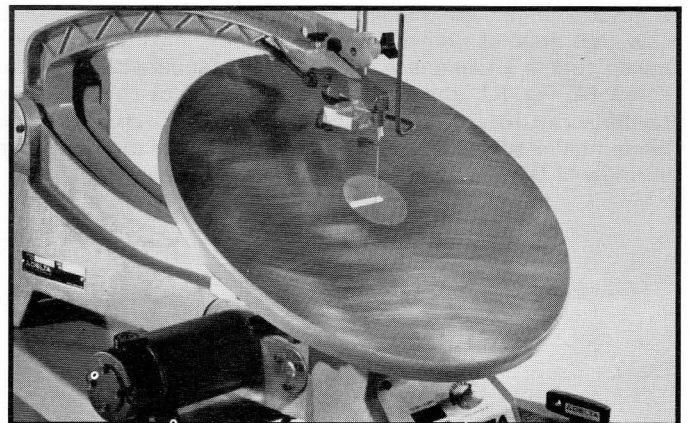


Fig. 29

ASSEMBLING ACCESSORY 40-603 RIGHT ANGLE BLADE ATTACHMENT

1. Disconnect machine from power source.
2. Loosen screw (A) Fig. 30, and remove blade guard assembly (B).
3. Loosen knob (C) Fig. 30, and remove guide post (D).
4. Remove table insert.
5. Remove saw blade, upper blade holder (E) Fig. 31, and lower blade holder (F).
6. Assemble upper and lower right angle blade holders (G) as shown in Fig. 32.
7. Assemble blade so that the front edge of the blade contacts the blade holder screws (H) and tighten screws (H) Fig. 32.
8. Replace table insert.

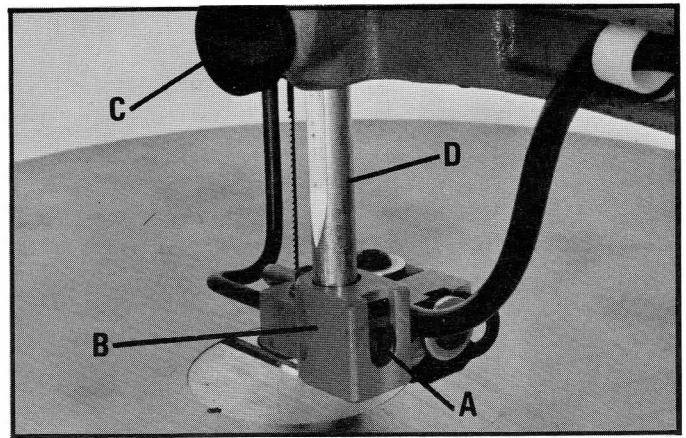


Fig. 30

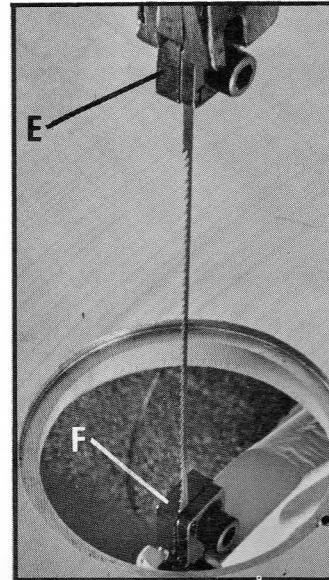


Fig. 31

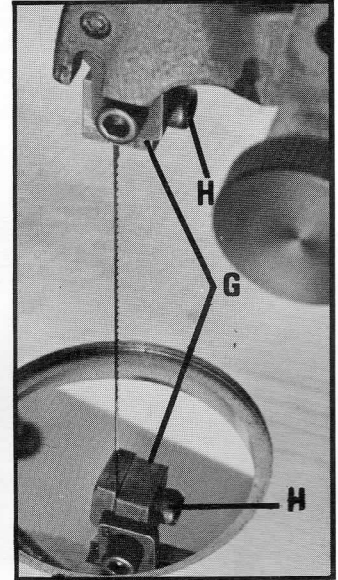


Fig. 32

QUICK CHANGE UPPER BLADE HOLDER SCREW

A quick change upper blade holder screw is supplied with your saw that enables you to save time when making numerous inside cuts in a workpiece. Remove the standard blade holder screw (A) Fig. 33, and replace it with the quick change blade holder screw (B) Fig. 34. NOTE: when the quick change upper blade holder screw is used the capacity under the holddown spring will be less than the 2" maximum of the saw.

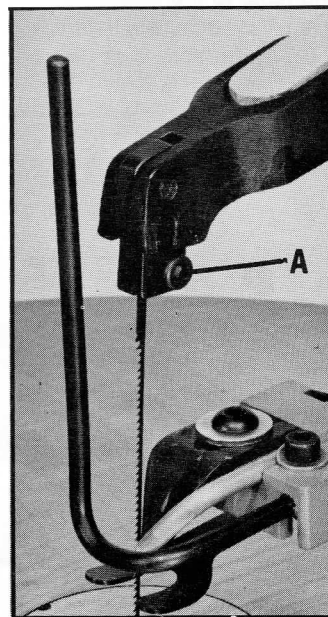


Fig. 33

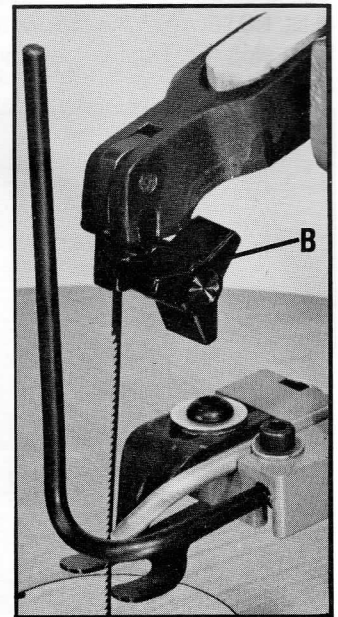


Fig. 34

REMOVING SPEED CONTROLLER

Should it become necessary to remove the speed controller of your saw for service or replacement, it can be removed as follows:

1. Disconnect machine from power source.
2. Remove three screws (A) Fig. 35.

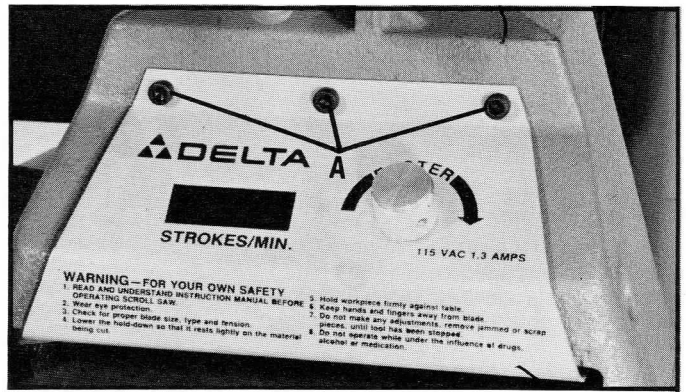


Fig. 35

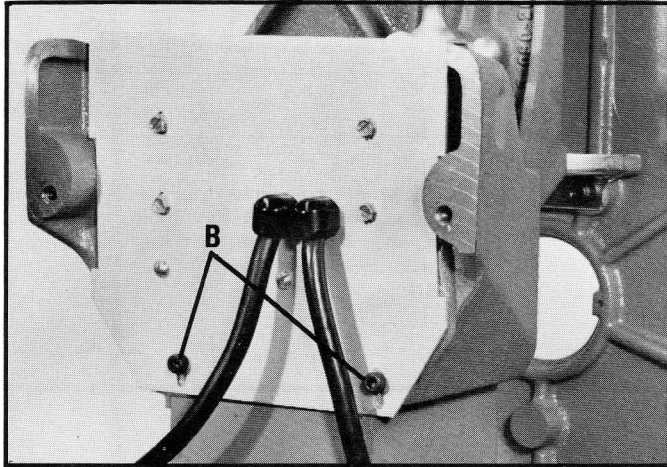


Fig. 36

3. Remove two screws (B) Fig. 36.
4. Remove grounding screw (C) Fig. 37, and disconnect two ground leads (D).
5. Disconnect two motor leads (E) Fig. 37. **NOTE:** Always replace black and white motor leads (E) as shown in Fig. 37.
6. Disconnect two power leads (F) Fig. 37.
7. Disconnect speed sensor leads (G) Fig. 37.
8. The complete speed controller can then be serviced or replaced.

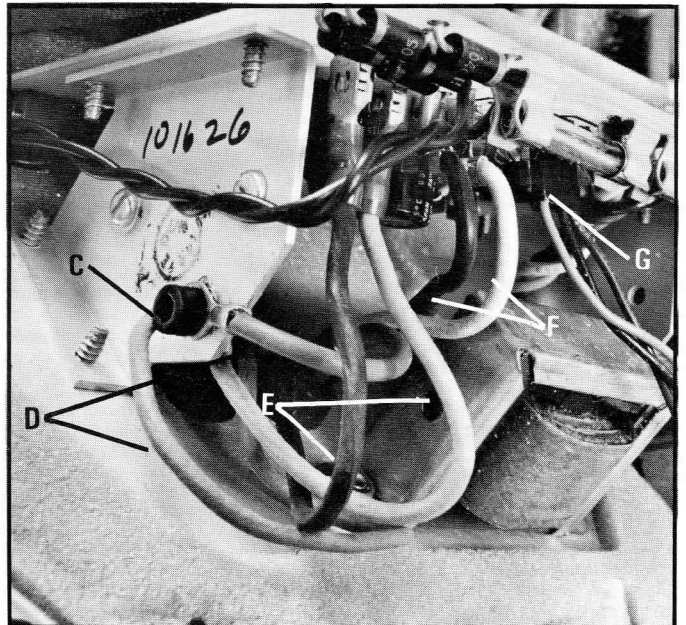


Fig. 37

ACCESSORIES

Scroll Saw Blades

A proper blade for every job. All are 5" long with accurately spaced teeth. Heat treated for extra long life. Have 5/8" blank ends for fastening into chuck. 1/2 dozen to a package.

Catalog Number	Material Cut	Width Inch	Thickness Inch	Teeth Per Inch
40-058	Steel • Iron Lead • Copper Aluminum	.070	.018	26
40-159	Pewter • Paper Asbestos • Felt	.075	.018	20
40-160	Steel • Iron Lead • Copper Brass	.078	.022	15
40-161	Aluminum Pewter Asbestos	.085	.022	15
40-164	Sheet Metal Iron • Aluminum Copper • Brass Pewter • Lead Wood • Asbestos	.110	.018	20

40-165	Asbestos • Mica Brake Lining • Steel • Iron Lead • Copper Brass • Pewter Aluminum	.250	.028	20
40-184	Wood Veneer Also Plastics • Celluloid Hard Rubber Bakelite • Ivory Extremely Thin Materials	.029	.012	20
40-185	Plastics Celluloid	.035	.015	15
40-187	Bakelite	.090	.022	7
40-188	Ivory • Wood	.110	.022	7
40-191	Wall Board Pressed Wood Wood • Lead Bone • Felt Paper • Copper Ivory Aluminum	.110	.022	15

40-192	Hard and Soft Wood	.110	.022	10
40-193	Hard and Soft Wood	.187	.025	10
40-194	Hard and Soft Wood	.250	.028	7
40-195	Pearl • Pewter Mica	.041	.019	30
40-196	Pressed Wood Sea Shells	.065	.023	20
40-198	Hard Leather	.085	.022	12

As a general rule, always select the narrowest blades recommended for intricate curve cutting and widest blades for straight and large curve cutting operations.

Skip Tooth Blades

All blades have skip teeth for fast cutting and greater chip clearance.

All blades are 5" long and are supplied 12 blades per package.

Catalog Number	Material Cut	Width Inch	Thickness Inch	Teeth Per Inch
40-605	For extremely intricate sawing. Very thin cuts in 1/16" to 3/32" materials. Excellent for cutting wood veneer, plastics, hard rubber, pearl, etc.	.022	.010	27

40-607	For close radius cutting in materials 1/8" or thicker. Great for sawing hard/soft wood, bone, horn, plastics, etc.	.037	.015	12.5
40-608	Popular sizes for cutting hard and soft woods 3/16" up to 2". Also plastics, paper, felt, bone, etc.	.043	.016	11.5
40-609		.053	.018	12
40-610	For smooth, splinter-free finish on top and bottom sides. Excellent for hard/soft wood, plywood, etc., with thickness of 1/4" or more.	.100	.022	9 with 3 reverse teeth

40-611	Wood, plastic, for extremely thin cuts on materials 3/32" to 1/2" thick.	.070	.010	18.5
40-615	Great for sawing thin materials up to 1/4". Wood veneer, wood, bone, fiber, ivory and plastic.	.070	.023	17
40-616	For cutting hard and soft woods 3/16" up to 2". Also cuts plastic, paper, felt, bone, etc.	.062	.024	9.5

Metal Piercing Blades

These premium quality blades are made of hardened and tempered steel for sawing metal and other hardened materials. All blades are 5" long, have regular teeth and are supplied 6 blades per package.

Catalog No.	Width In.	Thickness In.	Teeth Per In.
40-617	.023	.012	48
40-618	.034	.016	36
40-619	.051	.022	25

For 18" Electronic Variable Speed Scroll Saw

No. 25-858 Lamp Attachment, for 115V. Includes 9" flexible gooseneck, reflector and 8-foot cord with plug. Uses standard bulb (*not included*) up to 40 watts. 2 lbs.

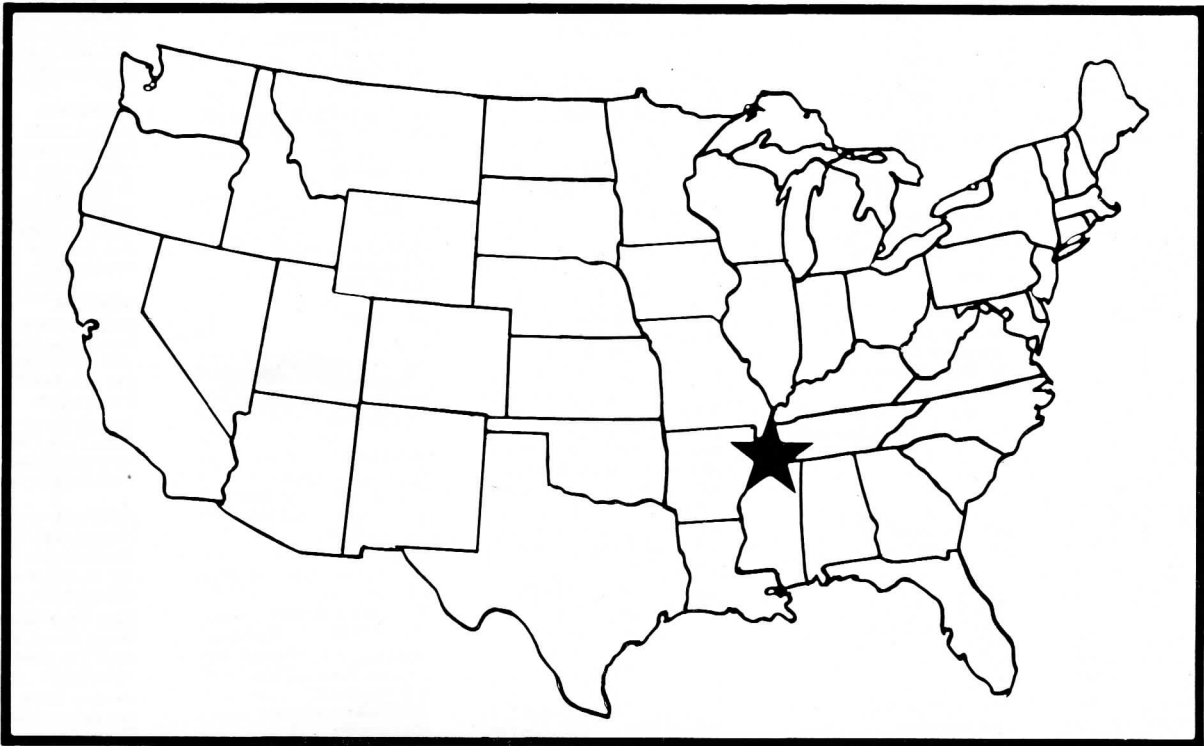
No. 40-603 Blade Holders. For ripping to the center of 36" stock, with unlimited length. 4 ozs.



PARTS, SERVICE OR WARRANTY ASSISTANCE

All Delta Machines and accessories are manufactured to high quality standards and are serviced by a network of authorized service stations. To obtain additional

information regarding your Delta quality product or to obtain parts, service or warranty assistance, please call Delta's toll-free "hotline" telephone number.



Delta maintains a modern, efficient Parts Distribution Center, maintaining an inventory of over 10,000 parts located in Memphis, Tennessee.

Highly qualified and experienced Customer Service Representatives are standing by to assist you on weekdays from 8:00 A.M. to 5:00 P.M. Memphis time.

MEMPHIS, TN 38118
4290 Raines Road
Phone: (901) 363-8800

~~HOTLINE~~

800-223-PART

Authorized Service Stations

A nationwide network of more than 100 authorized Delta Service Stations stand ready to service Delta Machinery should they ever require maintenance and repair. Skilled technicians using the latest approved repair method and genuine Delta parts assure prompt, efficient and economical service.

ALABAMA

Birmingham 35209
Porter-Cable Corporation
131 W. Oxmoor Rd., Suite 105
205-942-6325
Huntsville 35816
Huntsville Equipment Sales
and Rental
4728 University Drive
205-837-9400
Montgomery 36108
Hobbywood, Inc.
430 Airbase Blvd.
205-265-9663
Theodore 36590
Mobile Mechanical Services
P.O. Box 200
5787 I-10 Industrial Parkway
205-653-6948

ALASKA

Anchorage 99503
Alaska Tool & Equip. Service
3207 Arctic Boulevard
907-562-6151
Fairbanks 99706
Fairbanks Aero Services, Inc.
Box 60590
907-479-6666

ARIZONA

Phoenix 85014
Glenn's Tool Service
4036 North 13th Way
602-264-6203
Tucson 85705
Circle Saw Shop & Ind. Tool, Inc.
714 W. Grant Rd.
602-624-5248
Tucson 85719
Electric Motor Company
1028 Broadway
602-622-8877

ARKANSAS

Little Rock 72202
Electric Tool Service
1419 West 10th Street
501-374-8180

CALIFORNIA

Chula Vista 92011
Ori Services Corp.
Suite K, 1031 Bay Blvd.
619-585-9439
City of Industry 91745
Porter-Cable Corporation
1305 John Reed Court
818-333-3566
Eureka 95501
Electric Tool Co.
2810 Park St.
707-442-4267
Fresno 93703
R & R Machinery &
Electric Inc.
1919 E. Home Avenue
209-233-1213
Modesto 95351
Stanislaus Electric Mtr. Wrks.
504 River Road
209-523-8269
North Hollywood 91605
Bucknall Power Tool Service
11910 Vost Street
818-765-0228
Redding 96002
Electric Tool and Motor
915 Wall Street #1
916-222-1131
Sacramento 95814
Construction Industry
Service Company
1211 C Street
916-444-2525
San Diego 92110
Best Impact Service
980 Suite B Buena Avenue
619-276-3887

San Leandro 94577
Porter-Cable Corporation
3039 Teagarden Street
P.O. Box 1913
415-357-9762
Santa Rosa 95401
Acme Electric Tool Repair
742 Wilson Street
707-546-5862
Santa Rosa 95403
H & V Tool Repair
1808 Empire Industrial Court #D
707-528-1111
Simi Valley 93065
Simi Tool Repair
1236 Los Angeles Avenue, Unit D
805-584-8138
Torrence 90502
Universal Tool Service
21804 S. Vermont Avenue
213-328-6472
Whittier 90602
Battels Hdwe & Tool Co.
13238 E. Whittier Blvd.
213-698-3714

COLORADO

Denver 80204
Porter-Cable Corporation
2561 West 8th Ave.
303-892-6113
Colorado Springs 80907
Schlosser Tool and Machinery
3970 Sinton Road
719-636-1311
Grand Junction 81501
Dowdell's Cross Electric
1755 Main Street, Unit B
303-245-3158

CONNECTICUT

Hartford 06106
Utility Electric Service, Inc.
53 Main Street
203-246-7271
Oakville 06779
Watertown Tool Supply
3 Harvard Street
203-274-9673

FLORIDA

Gainesville 32609
Florida Fastener and Tool Co., Inc.
2826 N. Waldo Road
904-377-4587
Hialeah 33014
Porter-Cable Corporation
16373-75 NW 5th Ave.
305-624-2523
Jacksonville 32205
North Florida Machinery
& Tool Repair
230-B Edgewood Ave. South
904-387-4455
Orlando 32803
Porter-Cable Corporation
1807½ Winter Park Road
407-644-8100
Pensacola 32581
Electric Motor Service, Inc.
3810 Hopkins Street
904-433-8292
Riviera Beach 33404
Tool Depot
3705 E. Industrial Way
407-848-4320
Tampa 33609
Porter-Cable Corporation
4538 W. Kennedy Blvd.
813-877-9585

GEORGIA

Forest Park 30050
Porter-Cable Corporation
4017 Jonesboro Road
404-363-8000

Savannah 31402
Morgan's
110 Ann Street
912-234-2271
Savannah 31402
White Hardware
102 E. Lathrop Ave.
912-233-5777

HAWAII

Hilo 96720
Hawaii Planing Mill Ltd.
380 Kanoehua Avenue
808-935-0875
Honolulu 96819
A.L. Kilgo Co., Inc.
180 Sand Island Road
808-832-2200
Honolulu 96819
Slim's Power Tools, Inc.
1626 Republican Street
808-841-0902
Honolulu 96817
John Grinnon Co., Inc.
345 N. Nimitz Hwy.
808-538-7333
Kahului 96732
Maui Power Tool Service
251-H2 Lalo Street
808-877-3440

IDAHO

Boise 83705
Air Equipment Company
2350 South Orchard Street
208-342-2464
Boise 83706
K. C. Supply Co.
5103 Irving Street
208-375-1313
Coeur de'Alene 83814
Coeur de'Alene Tool
451 Cherry Lane & Hwy 95
208-667-1158
Idaho Falls 83403
Rossiters Electric Motor
1501 South Capital Avenue
208-529-3665
Twin Falls 83301
Ellis Repair
2380 Kimberly Road
208-734-4400

ILLINOIS

Addison (Chicago) 60101
Porter-Cable Corporation
311 Laura Drive
708-628-6100
North Pekin 61554
Central Tool & Equip.
Div. A & I Supply
97 Highway Blvd.
309-382-2400
Springfield 62702
James Machinery
223 N. MacArthur
217-522-9115

INDIANA

Elkhart 46516
Thunander Corporation
21861 Protecta Dr.
219-295-4131
Evansville 47711
Tri State Repair Service
1327 N. Fares
812-464-9341
607-729-5287
Fort Wayne 46808
Merrick Evans Inc.
2116 W. Coliseum Blvd.
219-482-4822
Goshen 46526
C & L Electric Motor Repair
1405 Chicago Avenue
219-533-2643

Indianapolis 46241
Macco Equip. Co., Inc.
3129 Kentucky Avenue
317-248-1444
Indianapolis 46220
Standiford Associates, Inc.
Suite 6, P.O. Box 20543
5335 N. Tacoma Avenue
317-257-1368

IOWA

Davenport 52803
Industrial Engineering
Equipment Co.
1958 River Street
319-323-9721
Des Moines 50309
Puckett Electric Tools, Inc.
1011 Keo Way
515-244-4189

KANSAS

Wichita 67213
Richmond Electric Co.
911 Maple
316-264-2344

KENTUCKY

Louisville 40219
Ball Bros. Machine &
Tool Repair
8109 Preston Highway
502-969-1626

LOUISIANA

Baton Rouge 70806
Baton Rouge Rental Service
5101 Government Street
504-924-2959
Metairie 70011
R.J. Marchand Cont'r. Spec., Inc.
P.O. Box 8148
3515 Division Street
504-888-2922
New Orleans 70153-3432
Beerman Precision, Inc.
P.O. Box 53432
4206 Howard Avenue
504-486-9391
Shreveport 71101
McClamroch Machinery
939 Louisiana Avenue
318-222-9249

MAINE

Portland 04104
M and W Tool Service
38 Portland Street
207-772-2057

MARYLAND

Baltimore 21205
Porter-Cable Corporation
4714 Erdman Avenue
301-483-3100
Hyattsville 20781
Porter-Cable Corporation
4811 Kenilworth Avenue
301-779-8080

MASSACHUSETTS

Boston (Allston) 02134
Porter-Cable Corporation
414 Cambridge Street
617-782-1700
Fall River 02721
Burns, Inc.
350 M.S. Bishop Blvd.
617-675-0381
Springfield 01105
Saw Center
472 Main Street
413-734-2045

MICHIGAN

Grand Rapids 49508
Porter-Cable Corporation
3755 G Broadmoor S.E.
Broadmoor Business Center
616-949-9040

Petoskey 49770
Ed's Electric Appliance Service
P.O. Box 505
S.U.S. Hwy. 31
616-347-9599
Southfield (Detroit) 48075
Porter-Cable Corporation
18650 W. Eight Mile Road
313-569-4333

MINNESOTA

Minneapolis 55429
Porter-Cable Corporation
4315 68th Avenue North
612-561-9080

MISSISSIPPI

Jackson 39202
Flannigan Electric Co., Inc.
1820 S. West Street Ext.
601-354-2756
Jackson 39282
Precision Sharp. & Tool Srv.
P.O. Box 6417
601-355-1631

MISSOURI

North Kansas City 64116
Porter-Cable Corporation
1141 Swift Avenue
P.O. Box 12393
816-221-2070
St. Louis 63119
Porter-Cable Corporation
7574 Watson Road
314-968-8950

MONTANA

Billings 59101
Allen's Electric Tool Repair
431 St. John's Avenue
406-248-3865
Black Eagle 59414
Mosch Electric Motors
2513 17th Street North
406-453-2481
Missoula 59806
City Electric
Electro Service Center Div.
1919 Harve
406-549-4115
Missoula 59801
Montana Tool Co.
1908 North Ave. West
406-721-6425

NEBRASKA

Omaha 68127
Kel-Welco Distributing Inc.
9447 J Street
402-592-1250
Omaha 68102
Thacker Electric Co.
2209 Cuming Street
402-341-2264
Omaha 68127
Tool Hospital
4630 So. 85 Street
492-592-5220
Omaha 68102
Tool Warehouse
2215 Cuming Street
402-341-6167

NEVADA

Las Vegas 89109
Tool Service Inc.
3229 Industrial Road
702-734-9161
Reno 89512
Comstock Electric
425 Eureka Avenue
702-323-5982

NEW HAMPSHIRE

Nashua 03061
Hammar Industrial
175 Amherst St.
P.O. Box 1209
603-882-5161

Authorized Service Stations (continued)

NEW JERSEY

Jersey City 07304
Rudolf Bass Inc.
45 Halladay Street
201-433-3800
Union 07083
Porter-Cable Corporation
945 Ball Avenue
201-964-1730

NEW MEXICO

Albuquerque 87123
J-M Tool Repair Co.
320 Florida S.E.
505-255-2304
Albuquerque 87107
Bill's Service Center
2836 Girard N.E.
505-844-7474
Albuquerque 87113
Woodworker's Supply
5604 Alameda
505-821-0500

NEW YORK

Buffalo 14210
SS Electric Repair Shop Inc.
2470 Seneca Street
716-823-1232
Flushing 11365
Porter-Cable Corporation
175-25 Horace Harding Expwy.
718-225-2040
Kingston 12401
Miron Bldg. Products, Inc.
C.P.O. Box 1598
Rt. #9W North
914-336-6000
New York 10013
Rudolf Bass Inc.
175 Lafayette Street
212-226-4000
N. Syracuse 13212
Pratt Power Tool Service
102 Church St.
315-458-8775
Rochester 14608
Jackson Saw & Knife Co.
517 State Street
716-546-7485
Rochester 14609
O.G. Schwarz
430 Atlantic Avenue
716-482-9282
Southampton 11968
Richards Tool and Motor Repair
County Road 39 and N. Main Street
516-283-5130
Utica 13502
McQuade and Bannigan
1300 Stark Street
315-724-7119
Vestal 13850
Cascade Electric Inc.
416 Commerce Rd.
607-729-5278

NORTH CAROLINA

Charlotte 28209
Porter-Cable Corporation
4303B South Boulevard
704-525-4410
Greensboro 27415
Bunting Equipment Co.
Division National Service Ind., Inc.
2325 Joe Brown Drive
919-375-7511
Greensboro 27407
Tool & Equipment Service
827 Norwalk St.
919-379-9757
Raleigh 27604
Specialty Tool Service
of Raleigh Inc.
2420 Atlantic Ave.
919-833-5903
Rural Hall 27045
Brannock-Lynch Lumber Company
P.O. Box 869
8200 Depot Street
919-969-9501
Wilmington 28405
D. C. Electric Tool Repair
102 Eastwood Road, Suite D9
919-392-5784

Wilmington 28405
M. F. McLean Enterprises
Rt. 6, Box 97
Old Wrightsville Road
919-343-1775

NORTH DAKOTA

Bismark 58501
Acme Electric Motor, Inc.
1009 Basin Avenue
701-258-1267
Fargo 58103
Acme Electric Motor, Inc.
3401 Interstate Blvd.
701-235-8060
Grand Forks 58201
Acme Electric Motor, Inc.
1705 13th Avenue North
701-746-6481
Minot 58701
Acme Electric Motor, Inc.
525 20th Avenue S.E.
701-839-2263

OHIO

Barberton 44203
Viking Akron Tool & Supply Co.
2915 New Park Drive
1-800-362-0585
216-753-1063
Cincinnati 45215
Pro Tool Service Inc.
1125 Glendale-Milford Road
513-772-1490
Columbus 43214
Porter-Cable Corporation
4560 Indianola Avenue
614-263-0929
Alpha (Dayton) 45301
Authorized Tool Service Co.
676 Orchard Lane
P.O. Box 5
513-429-5593
North Canton 44720
N. Canton Repair Shop
110 6th Street E.
216-499-3529
Toledo 43606
Power Tool Sales & Service
2934 Douglas Road
419-473-0962
Toledo 43613
Electric Tool & Equipment
3156 Upton Avenue
419-474-7537
Valley View 44125
Porter-Cable Corporation
Sweet Valley Business Park
Unit #18
216-447-9030
West Milton 45383
Conken Equipment Co.
4950 Frederick Garland Road
513-698-3363
Youngstown 44512
Moff Master Power Tools
5228 Market Street
216-783-2130

OKLAHOMA

Oklahoma City 73126
Whitton Supply Co.
1419 W. Reno
405-236-5561
Tulsa 74101
Wesche Company
P.O. Box 217
2005 East 7th Place
918-583-7551

OREGON

Eugene 97402
Jim's Tool Service
515 Wilson Street
515-344-1513
Medford 97501
Precision Power Tool
Repair Inc.
2919 N. Pacific Highway
503-770-5541
Portland 97212
Continental Machine & Tool Inc.
51 N.E. Hancock
503-288-6888

PENNSYLVANIA

Allentown 18103
Curio Electric Repair
825 South 5th
215-432-9923
Harrisburg 17105
Stationary Equipment Sales
& Service
Rear 3605 Ridgeway Rd.
717-545-8043
Kingston 18704
Total Services & Systems, Inc.
166 W. Union Street
717-287-2121
Monroeville 15146
Professional Tool Service
700 Seco Road
Monroeville Industrial Park
412-373-7440
Philadelphia 19154
Porter Cable Corporation
12285 McNulty Road
215-677-7800
Fax No.: 215-677-9908
Slatington 18080
Doward's Electric
4711 Main Street
215-767-8148

RHODE ISLAND

Providence 02914
Porter-Cable Corporation
1009 Waterman Avenue
401-434-3620

SOUTH CAROLINA

Charleston 29405
Charleston Supply Co.
1791 King Street Ext.
P.O. Drawer 10028
Charleston 29411-0028
803-722-8851
Columbia 29203
Mann Electric Repair Co.
3600 Main Street
803-252-7777
Greenville 29602
Poe Corporation
P.O. Box 168
803-271-9000
Spartanburg 29302
Cash Supply
113 Country Club Rd.
803-595-9326

SOUTH DAKOTA

Sioux Falls 57106
Stan Houston Equip. Co.
501 S. Marrion Road
605-336-3727

TENNESSEE

Chattanooga 37412
F & D Tool Service and Supply
4121 Ringgold Road
615-698-6454
Clarksville 37042
Opa's Shop
312 Pine Mountain Road
615-647-5842

KNOXVILLE

37918
Shop Equipment Service Co.
4821 N. Broadway
615-688-3574
Memphis 38116
Express Tool Service Inc.
1004 East Brooks Road
901-332-1353
Nashville 37210
Allied Tool Repair
1005 Second Ave. S.
615-242-8026

TEXAS

Abilene 79604
Abilene Lumber Co., Inc.
2025 Industrial Blvd.
915-698-4465
Amarillo 79102
Builder's Tool Service
1201 South Ross
806-376-7637
Austin 78722
Hamilton Electric Works Inc.
3800 Airport Blvd.
512-472-2428

Austin 78758
The Tool Box
9904C Gray Boulevard
512-836-5483
Corpus Christi 78405
Corpus Christi Power Tool
& Repair
3009 Agnes
512-883-1117
Corpus Christi 78405
Otto Dukas Machinery Co.
2588 Morgan Street
512-883-0921
Dallas 75220
Porter-Cable Corporation
10714 N. Stemmons Freeway
214-353-2996
El Paso 79905
C. L. North Co.
123 Chelsea Street
915-772-1469
Ft. Worth 76110
Air & Electric Tool Co., Inc.
3301 South Grove
817-921-0231
Houston 77092
Porter-Cable Corporation
5201 Mitchelldale, Suite B-9
713-682-0334
Longview 75601
Eastex Welding
Box 3223, 1232 W. Marshall
214-758-7327

Lubbock 79405
Lubbock Electric Co.
1108 34th Street
806-744-2336
San Antonio 78205
Electric Motor Service
1514 E. Commerce
512-226-3462
Sherman 75090
Texoma Tool Repair Co.
309 E. Houston Street
214-892-1510
Texarkana 75501
Ray's Electric Motor Repair
922 Bowie Street
214-792-7031
Tyler 75702
Mason Machinery
1908 W. Erwin Street
214-592-6581
Weslaco 78596
Weslaco Tool Co.
316 E. 4th Street
512-968-9156

UTAH

Salt Lake City 84115
Porter-Cable Corporation
2990 S.W. Temple
801-487-4953

VERMONT

S. Burlington 05403
Burlington Tool Repair
23 San Remo Drive
802-658-4131

VIRGINIA

Charlottesville 22901
Allen Desper Repair Service
P.O. Box 1612
1132 E. Market Street
804-293-7913
Norfolk 23517
Bryan Electric Co., Inc.
424 West 25th Street
804-625-0378
Richmond 23230
Porter-Cable Corporation
1705 Dabney Road
804-257-7348
Roanoke 24013
Roanoke Armature Co.
1108 1/2 Street S.E.
703-345-8741

WASHINGTON

Kennewick 99336
Tool Repair Company
419A West Entiat
509-586-6145

Renton 98055
Porter-Cable Corporation
268 Southwest 43rd Street
206-251-6680
Spokane 99202
Spokane Power Tool
E. 801 Trent Avenue
509-489-4202
Yakima 98902
Cooper Electric Motor Service
205 S. 4th Avenue
509-452-9550

WEST VIRGINIA

Huntington 25701
Lawter Electric Motor Co.
202 Adams Avenue
304-522-8297
Wheeling 26003
Kennedy Hardware
3300 McCulloch Street
304-233-3600

WISCONSIN

Green Bay 54301
Power Tool Service Co.
310 N. Webster Ave.
P.O. Box 1343
414-437-2594
Janesville 53547
Blain Supply, Inc.
P.O. Box 391
3507 East Racine
607-754-2821
LaCrosse 54603
A-Line Machine Tool Co.
800 Monitor St.
608-785-1515
Madison 53713
Electric Motors Unlimited
1000 Jonathan Drive
608-271-2311
Milwaukee 53222
Porter-Cable Corporation
10700 W. Burleigh Street
414-774-3650
Wausau 54401
R.A. Miller Supply
1109 McCleary Street
715-842-9189

WYOMING

Casper 82601
Casper Saw Shop
147 S. McKinley
307-237-3279

PUERTO RICO

Sierra Bayamon 00619
B & M Electric Tool
Repair Center
Calle 49, Bloque 51
Casa 27 Avenue West Main
809-787-2287

CANADA

Alberta
Calgary T2H 2L7
#10 6320 11th St. S.E.
403-255-3530

British Columbia
Burnaby V5A 4T8
8520 Baxter Place
604-420-0102

Manitoba
Winnipeg R3H 0H2
1699 Dublin Avenue
204-633-9259

Ontario
Mississauga L4V 1J2
6463 Northam Drive
416-677-5330

Guelph N1H 6M7
644 Imperial Road
519-836-4390
Ottawa K2A 3X2
851 Richmond Road
613-728-1124

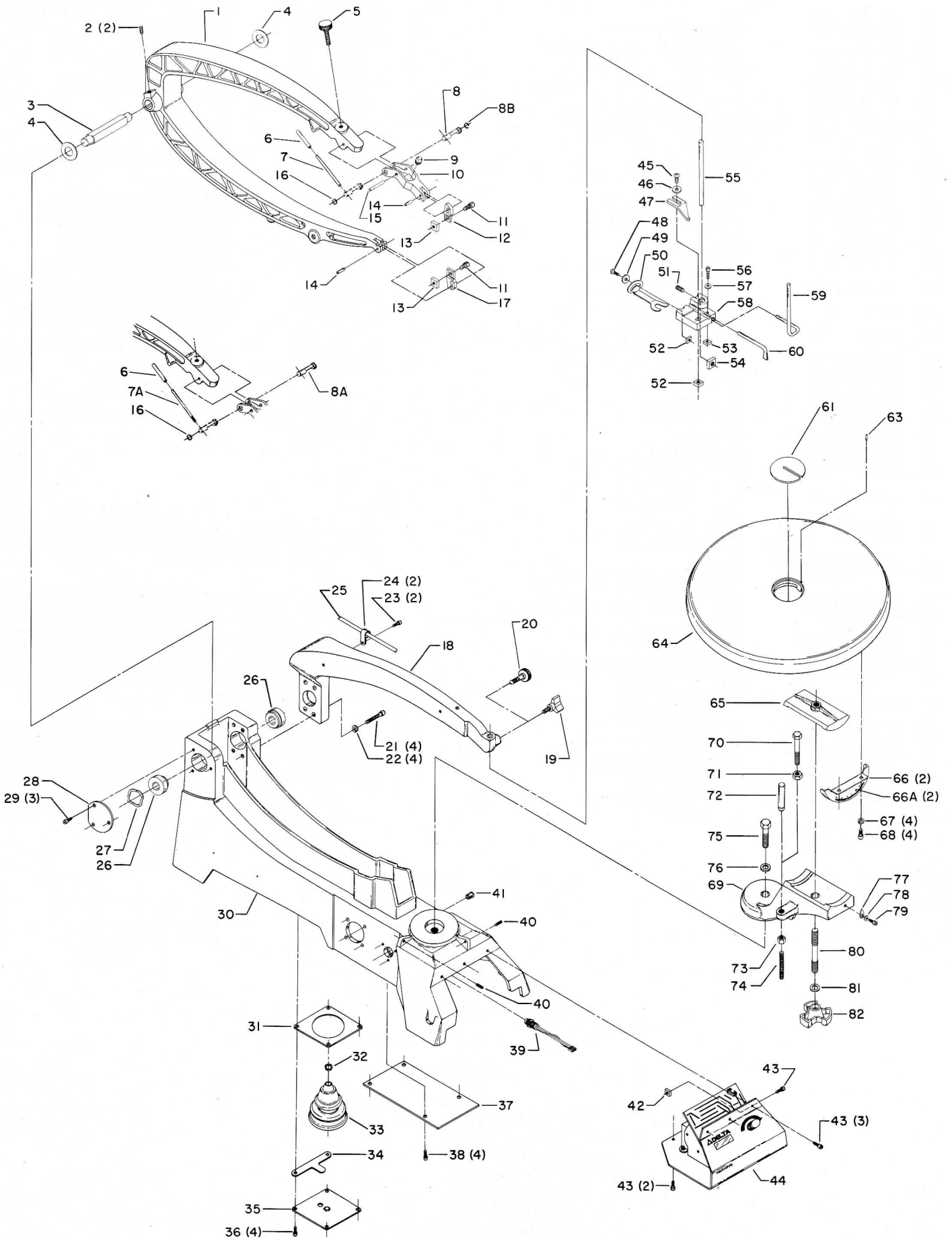
Quebec
St. Laurent
(Montreal) H4N 1W2
523 Rue Deslauriers
514-336-8772

Ste. Foy G1N 4L5
Suite 202
2202 Rue Lavoisier
418-681-7305



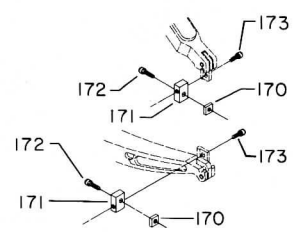
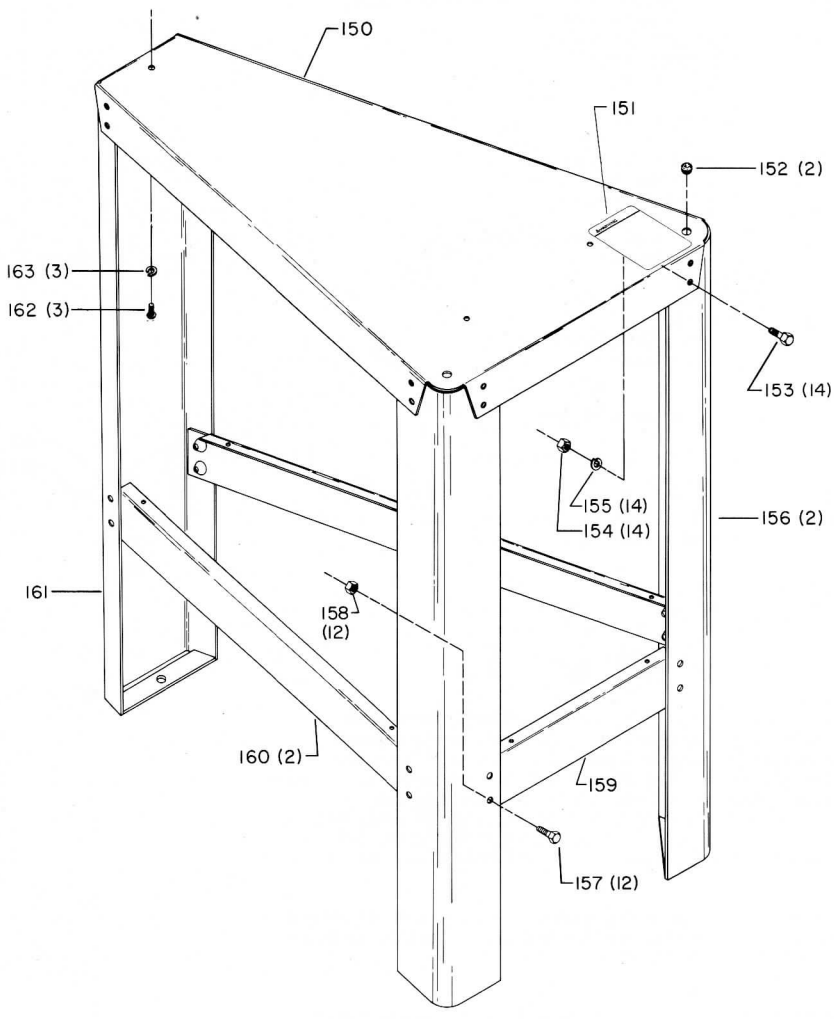
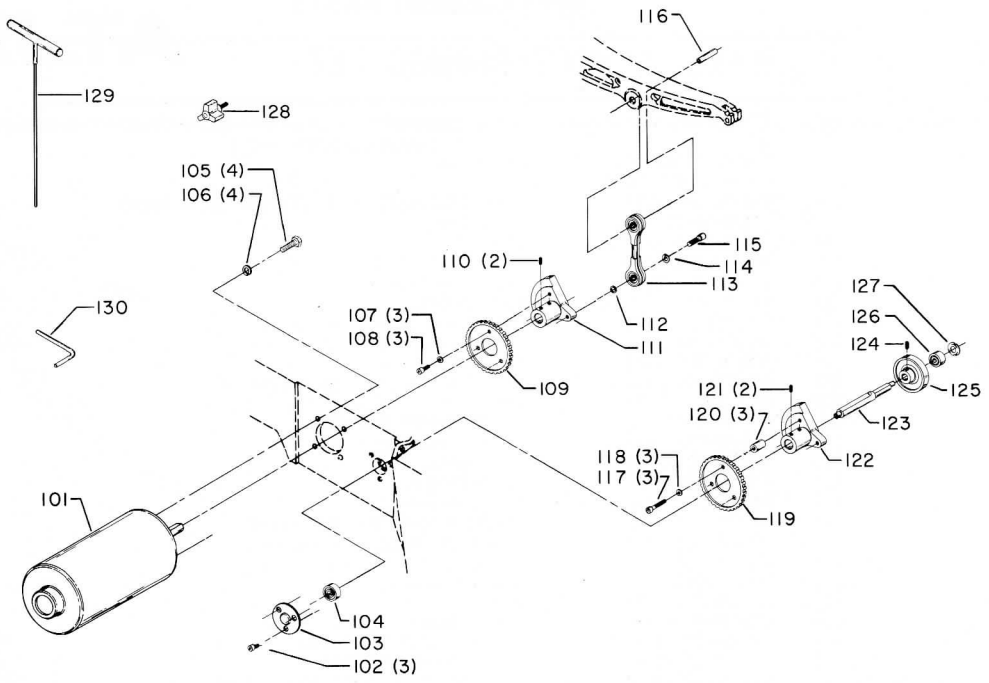
Delta Building Trades and Home Shop Machinery Two Year Limited Warranty

Delta will repair or replace, at its expense and at its option, any Delta machine, machine part, or machine accessory which in normal use has proven to be defective in workmanship or material, provided that the customer returns the product prepaid to a Delta factory service center or authorized service station with proof of purchase of the product within two years and provides Delta with reasonable opportunity to verify the alleged defect by inspection. Delta may require that electric motors be returned prepaid to a motor manufacturer's authorized station for inspection and repair or replacement. Delta will not be responsible for any asserted defect which has resulted from normal wear, misuse, abuse or repair or alteration made or specifically authorized by anyone other than an authorized Delta service facility or representative. Under no circumstances will Delta be liable for incidental or consequential damages resulting from defective products. This warranty is Delta's sole warranty and sets forth the customer's exclusive remedy, with respect to defective products; all other warranties, express or implied, whether of merchantability, fitness for purpose, or otherwise, are expressly disclaimed by Delta.



REPLACEMENT PARTS

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	430-03-102-0001	Yoke	50	430-02-027-0005	Clamp
2	901-04-150-0202	1/4-20 x 1/2" Set Screw	51	901-04-190-0207	5/16-18 x 1/2" Set Screw
3	430-03-106-0001	Pivot Shaft	52	902-02-040-1306	1/4-20 Square Nut
4	904-01-023-1437	Shim Washer	53	902-02-040-1309	#10-32 Square Nut
5	430-03-412-0001	Screw Ass'y.	54	902-02-040-1303	5/16-18 Square Nut
6	430-03-105-0001	Sleeve	55	430-03-108-0002	Hold Down Rod
7	905-01-013-1507	3/16 x 3" Roll Pin (Current Models Only)	56	901-03-010-0224	#10-32 x 1/2" Soc. Hd. Screw
7A	430-03-067-0001	Lever (Early Models Only)	57	904-01-010-1610	#10 Washer
8	430-03-042-0002	Eccentric (Current Models Only)	58	430-03-014-0001	Hold Down Bracket
8A	430-03-042-0001	Eccentric (Early Models Only)	59	430-03-054-0001	Blade Guard
8B	904-15-223-1506	Retainer Ring (Current Models Only)	60	430-02-061-0002	Air Nozzle
9	961-03-010-2859	Grommet	61	426-02-063-0002	Table Insert
10	430-03-089-0001	Blade Support	63	905-01-010-6711	1/8 x 3/8" Roll Pin (Early Models Only)
11	901-03-010-3318	#10-32 x 3/8" Soc. Hd. Screw	64	430-03-091-0001	Table
12	430-03-027-0002	Top Blade Clamp	65	430-02-027-0003	Trunnion Clamp
13	430-03-079-0002	Blade Clamp Nut	66	426-02-095-0001	Half Table Trunnion w/Scale
14	905-01-012-0303	9/16 x 3/16" Roll Pin	66A	951-02-010-7833	Tilt Scale (Early Models Only)
15	905-01-010-2708	1 1/4 x 3/16" Roll Pin	67	904-02-020-1702	1/4" Lockwasher
16	908-25-013-1439	O-Ring	68	901-03-010-0763	1/4-20 x 3/8" Soc. Hd. Screw
17	430-03-027-0003	Bottom Blade Clamp	69	430-03-390-0001	Table Swivel Ass'y., Incl:
18	430-03-089-0003	Support Arm (Current Models Only, See Service Note A)	70	901-01-060-5770	5/16-18 x 2 1/4" Hex Hd. Screw (Current Models Only)
18	430-03-089-0002	Support Arm (Early Models Only, See Service Note A)	71	1087640	5/16-18 Hex Nut (Current Models Only)
19	422-25-068-0001	Screw Assembly (Current Models Only, See Service Note A)	72	426-02-088-0001	Table Stop (Early Models Only)
20	430-03-412-0002	Screw Assembly (Early Models Only, See Service Note A)	73	902-01-010-1300	5/16-18 Hex Nut (Early Models Only)
21	901-03-010-0760	1/4-20 x 1 1/4" Soc. Hd. Screw	74	901-04-080-0105	5/16-18 x 2" Headless Set Screw (Early Models Only)
22	904-02-020-1702	1/4" Lockwasher	75	901-01-060-3080	7/16-14 x 1 1/2" Hex Hd. Screw
23	901-03-010-3318	#10-32 x 3/8" Soc. Hd. Screw	76	904-01-031-2925	Table Stud Washer
24	438-01-004-0080	Cable Clamp	77	951-01-010-7802	Pointer
25	430-03-061-0001	Chip Blower Tube	78	904-01-010-1610	#10 Flat Washer
26	920-44-053-1432	Tapered Roller Bearing	79	901-03-010-3318	#10-32 x 3/8" Soc. Hd. Screw
27	928-06-013-1438	Wave Washer	80	420-01-111-0003	Stud
28	430-03-079-0003	Bearing Retainer	81	904-01-031-2925	Washer
29	901-03-010-3318	#10-32 x 3/8" Soc. Hd. Screw	82	406-03-138-0004	Knob
30	430-03-005-0002	Base (Current Models Only, See Service Note B)	**	438-01-004-0075	Heyco Clamp
30	430-03-005-0001	Base (Early Models Only, See Service Note B)	**	NOT SHOWN	
31	430-02-079-0001	Bellows Retainer	SERVICE NOTES:		
32	908-25-013-1439	O-Ring (Current Models Only, See Service Note C)			
33	430-03-038-0001	Bellows	A - Early model support arms used screw assembly (Ref No. 20) with 5/16-18 threads. Current model support arms use screw assembly (Ref. No. 19) with 1/4-20 threads.		
34	430-03-038-0002	Flapper Valve (Current Models Only, See Service Note C)	B - Early models (prior to serial no. 85M37440) had a ball bearing at location 126 and 3/8" hold plug (Ref. No. 41). Intermediate models had an open ended needle bearing at location 126 and 1/2" hole plug (Ref. NO. 41). Current models have closed end needle bearing at location 126 and no hole plug. Open and closed end needle bearings are interchangeable. When replacing the base (Ref. No. 30) on early models, one must order the current base, current idler shaft (Ref. No. 123) current needle bearing (Ref. No. 126) and current hole plug (Ref. No. 41).		
35	430-03-079-0004	Bellows Retainer (See Service Note C)	C - In order to improve bellows efficiency a flapper valve (Ref. No. 34) has been added to current models. To retrofit early models, order new retainer with vent hole (Ref. No. 35), flapper valve (Ref. No. 34) and O-ring (Ref. No. 32). The O-ring slips over the pointed end of the bellows as a retainer.		
36	901-03-010-3318	#10-32 x 3/8" Soc. Hd. Screw			
37	430-03-031-0001	Gear Cover			
38	901-03-010-3318	#10-32 x 3/8" Soc. Hd. Screw			
39	400-06-131-0022	Speed Sensor			
40	901-04-150-9428	#8-32 x 1/2" Set Screw w/Nylon Patch			
41	430-03-074-0001	1/2" Hole Plug (Current Models Only, See Service Note B)			
41	436-01-074-0001	3/8" Hole Plug (6) (Early Models Only, See Service Note B)			
42	902-02-040-1309	#10-32 Square Nut			
43	901-03-010-3318	#10-32 x 3/8" Soc. Hd. Screw			
44	400-06-131-0021	Control Panel			
45	901-03-040-8015	1/4-20 x 1/2" But Hd. Screw			
46	904-01-010-1614	1/4" Flat Washer			
47	430-03-055-0001	Blade Back Up Guide			
48	901-03-040-8015	1/4-20 x 1/2" But Hd. Screw			
49	904-01-010-1614	1/4" Flat Washer			



40-603
90° BLADE HOLDER

REPLACEMENT PARTS

REF. NO.	PART NO.	DESCRIPTION
101	430-03-626-0001	Motor (Jensen or Kinetic Systems) Incl: (Current Models Only)
**	438-02-011-0017	Brush Cap
**	438-02-007-0027	Brush
101	438-02-314-1012	Motor (Baldor), Incl: (Early Models Only)
**	438-02-011-0017	Brush Cap
**	438-02-007-0026	Brush
102	901-03-010-3318	#10-32 x 3/8" Soc. Hd. Screw
103	430-03-079-0005	Bearing Retainer
104	920-04-091-6633	Ball Bearing
105	901-01-060-0626	1/4-20 x 3/4" Hex Hd. Screw
106	904-02-020-1702	1/4" Lockwasher
107	904-01-010-1610	#10 Flat Washer
108	901-03-010-3318	#10-32 x 3/8" Soc. Hd. Screw
109	430-03-051-0003	Gear
110	901-04-151-9199	1/4-28 x 1/4" Set Screw
111	430-03-032-0003	Counter Balance
112	904-01-021-3590	Shim Washer
113	430-03-408-0001	Connecting Rod
114	904-02-020-1702	1/4" Lockwasher
115	901-03-010-0222	1/4-28 x 5/8" Soc. Hd. Screw
116	905-04-023-1449	5/16 x 1" Oversize Dowel Pin
117	901-03-010-8073	#10-32 x 7/8" Soc Hd. Screw
118	904-01-010-1610	#10 Flat Washer
119	430-03-051-0003	Gear
120	430-03-104-0001	Gear Spacer
121	901-04-151-9199	1/4-28 x 1/4" Set Screw
122	430-03-032-0004	Idler Counter Balance
123	430-03-062-0002	Idler Shaft (Current Models Only, See Service Note B)
123	430-03-062-0001	Idler Shaft (Early Models Only, See Service Note B)
124	901-04-150-1186	#10-32 x 1/4" Set Screw
125	430-03-100-0001	Speed Sensor Rotor
126	920-24-023-1488	Needle Bearing (Current & Intermediate Models Only, See Service Note B & D)
126	920-04-023-1431	Ball Bearing (Early Models Only, See Service Note B & D)
127	928-07-013-1436	Finger Spring Washer (Early Models Only, See Service Note D)
128	430-03-138-0001	Top Blade Clamp Knob
129	430-03-101-0001	"T" Handle Wrench
130	430-03-071-0001	Blade Lock Pin
150	430-03-115-0001	Shelf
151	430-00-752-0001	Warning Label
152	961-03-010-2859	Grommet
153	901-01-060-0607	5/16-18 x 3/4" Hex Hd. Screw
154	902-01-010-1300	5/16-18 Hex Nut
155	904-02-010-1703	5/16" Lockwasher
156	430-03-366-0001	Front Leg
157	901-01-060-0607	5/16-18 x 3/4" Hex Hd. Screw
158	902-01-010-1300	5/16-18 Hex Nut
159	430-03-103-0001	Tie Bar
160	430-03-103-0002	Tie Bar
161	430-03-366-0002	Rear Leg
162	901-03-030-8013	1/4-20 x 3/4" Screw
163	904-02-020-1702	1/4" Lockwasher

AVAILABLE AS AN ACCESSORY

*	40-603	90° Blade Holder Const. of:
170	430-03-079-0002	#10-32 Square Nut
171	430-03-001-0001	Adapter
172	901-03-010-0224	#10-32 x 1/2" Soc. Hd. Screw
173	901-03-010-3318	#10-32 x 3/8" Soc. Hd. Screw

* NOT SHOWN ASSEMBLED
** NOT SHOWN

SERVICE NOTES:

B - Early models (prior to serial no. 85M37440) had a ball bearing at location 126 and 3/8" hole plug (Ref. No. 41). Intermediate models had an open ended needle bearing at location 126 and 1/2" hole plug (Ref. No. 41). Current models have closed end needle bearing at location 126 and no hole plug. Open and closed end needle bearings are interchangeable. When replacing the base (Ref. No. 30) on early models, one must order the current base, current idler shaft (Ref. No. 123) current needle bearing (Ref. No. 126) and current hole plug (Ref. No. 41).

D - Early ball bearing models used a spring washer (Ref. No. 127) to retain bearing (Ref. No. 126). Later ball bearing models use locitie adhesive sealant to retain bearing (Ref. No. 126).

This parts list is provided to aid in obtaining service parts. Operational and maintenance information is contained in a separate owner's manual which is available through your local service outlet.