

READ AND KEEP THIS FOR FUTURE REFERENCE

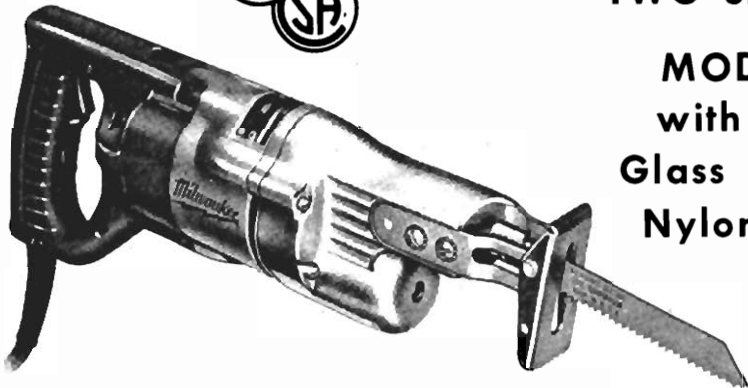
The Care and Operation of

YOUR NEW



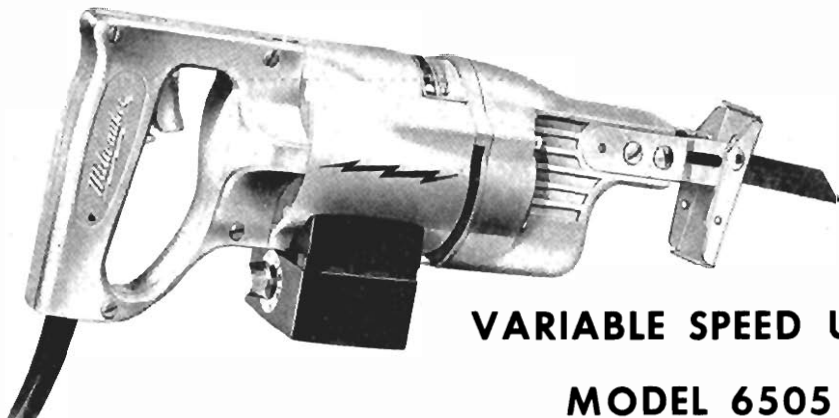
HEAVY-DUTY **SAWZALL®**

**SAFETY
SEAL**  
power tool institute



TWO SPEED UNIT

**MODEL 6511
with Durable
Glass Reinforced
Nylon Handle**



VARIABLE SPEED UNIT

MODEL 6505

Quality Products of

MILWAUKEE ELECTRIC TOOL CORP.

THIS SEAL IS YOUR ASSURANCE —



1. That the manufacturer's power tools, including the particular tool associated with the Seal, are produced in accordance with applicable Standards for Safety of Underwriters' Laboratories and American National Standards (ANSI).
2. That compliance with applicable safety standards is assured by independent inspection and testing conducted by Underwriters' Laboratories (UL).
3. That every motorized tool is inspected under power.
4. That every tool has with it adequate instructions and a list of safety rules for the protection of the user.
5. That the tool manufacturer is a member of the Power Tool Institute and is a sponsor of the Institute's Consumer Safety Education Program.

SAFETY INSTRUCTIONS FOR ALL POWER TOOLS

1. **KNOW YOUR POWER TOOL** — Read owner's manual carefully. Learn its applications and limitations as well as the specific potential hazards peculiar to this tool.
2. **GROUND ALL TOOLS—UNLESS DOUBLE-INSULATED.** If tool is equipped with three-prong plug, it should be plugged into a three-hole electrical receptacle. If adapter is used to accommodate two-pronged receptacle, the adapter wire must be attached to a known ground. Never remove third prong.
3. **KEEP GUARDS IN PLACE** and in working order.
4. **KEEP WORK AREA CLEAN.** Cluttered areas and benches invite accidents.
5. **AVOID DANGEROUS ENVIRONMENT.** Don't expose power tools to rain or use in damp, wet, or gaseous or explosive locations. Keep work area well lit.
6. **KEEP CHILDREN AWAY.** All visitors should be kept safe distance from work area.
7. **STORE IDLE TOOLS.** When not in use, tools should be stored in dry, high or locked-up place—out of reach of children.
8. **DON'T FORCE TOOL.** It will do the job better and safer at the rate for which it was designed.
9. **USE RIGHT TOOL.** Don't force small tool or attachment to do the job of a heavy duty tool.
10. **WEAR PROPER APPAREL.** No loose clothing or jewelry to get caught in moving parts. Rubber gloves and footwear are recommended when working outdoors.
11. **USE SAFETY GLASSES** with most tools. Also face or dust mask if cutting operation is dusty.
12. **DON'T ABUSE CORD.** Never carry tool by cord or yank it to disconnect from receptacle. Keep cord from heat, oil and sharp edges.
13. **SECURE WORK.** Use clamps or a vise to hold work. It's safer than using your hand and it frees both hands to operate tool.

14. **DON'T OVERREACH.** Keep proper footing and balance at all times.
15. **MAINTAIN TOOLS WITH CARE.** Keep tools sharp and clean at all times for best and safest performance. Follow instructions for lubricating and changing accessories. **CAUTION:** Do not use carbon tetrachloride.
16. **DISCONNECT TOOLS.** When not in use, before servicing; when changing accessories such as blades, bits, cutters, etc.
17. **REMOVE ADJUSTING KEYS AND WRENCHES.** Form habit of checking to see that keys and adjusting wrenches are removed from tool before turning it on.
18. **AVOID ACCIDENTAL STARTING:** Don't carry plugged-in tool with finger on switch. Be sure switch is off when plugged in.

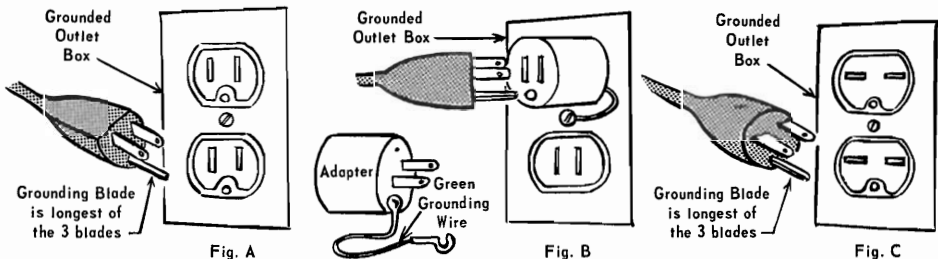
GROUNDING INSTRUCTIONS

This tool should be grounded while in use to protect the operator from electric shock. The tool is equipped with an approved three-conductor cord and three-prong grounding-type plug to fit the proper grounding-type receptacle. The green conductor in the cord is the grounding wire. Never connect the green wire to a live terminal. If your unit is for use on less than 150 volts, it has a plug that looks like Fig. "A". If it is for use on 150 to 250 volts, it has a plug that looks like Fig. "C".

NOTE

The use of 3-prong adapters in Canada is prohibited by the Canadian Electrical Code.

An adapter, Fig. "B" is available for connecting Fig. "A" plugs to two-prong receptacles. The green grounding wire extending from the adapter must be connected to a permanent ground such as to properly grounded outlet box. No adapter is available for Fig. "C" plugs.



NOTE: RECEPTACLE MUST BE GROUNDED FOR SAFE USE OF ADAPTER; IF IN DOUBT CALL A QUALIFIED ELECTRICIAN AND HAVE THE RECEPTACLE CHECKED FOR GROUND.

EXTENSION CORDS

Use only three-wire extension cords which have three-prong grounding-type plugs and three-pole receptacles which accept the tool's plug. Replace or repair damaged cords.

4 EXTENSION CABLE CHART

When an extension cord is used, it should always be a 3 wire cord to permit proper grounding of the tool. As the distance from the supply outlet increases, heavier gauge extensions are required. The use of extension cords of inadequate size wire causes a serious drop in voltage, loss of power and possible motor damage. This table is based on limiting line voltage drop to 5 volts at 150% of rated amperes.

Ampere rating (on Nameplate)	0- 2.00	2.10- 3.4	3.5- 5.00	5.10- 7.0	7.10- 12.0	12.1- 16.0	
Ext. Cable Length	Wire Size						
25 Ft.	18	18	18	18	16	14	Not normally available as flexible extension cord.
50 Ft.	18	18	18	16	14	12	
75 Ft.	18	18	16	14	12	10	
100 Ft.	18	16	14	12	10	8	
150 Ft.	16	14	12	12	8	8	
200 Ft.	16	14	12	10	8	6	
300 Ft.	14	12	10	8	6	4	
400 Ft.	12	10	8	6	4	4	
500 Ft.	12	10	8	6	4	2	
600 Ft.	10	8	6	4	2	2	
800 Ft.	10	8	6	4	2	1	
1000 Ft.	8	6	4	2	1	0	

IF USING EXTENSION CORD OUT OF DOORS, BE SURE IT IS RATED FOR OUTDOOR USE.

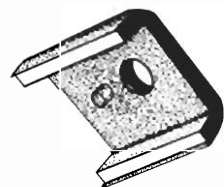
GENERAL INFORMATION

The useful life of your MILWAUKEE SAWZALL will depend entirely on how you take care of it. It is ready for use when you receive it and has been subjected to many tests during its entire manufacture. You are assured of getting a tool that is in perfect working order. Before plugging tool in the outlet, be sure the outlet voltage corresponds with that specified on the nameplate.

OPERATION

Select the proper blade for the material to be cut. Improper selection may result in a high rate of blade breakage or poor cutting performance. See blade chart in this manual for proper blade selection.

To secure blade in the blade clamp, loosen the socket head screw located on the clamp. Slide Sawzall blade under pin-type blade clamp so that the pin is seated in blade tang hole. Tighten socket head screw.



BLADE CLAMP
No. 42-68-0073

When operating the 2-Speed or the Variable Speed units, use lower speeds for harder materials and higher speeds for soft materials. Recommended cutting speeds for various materials are imprinted on the control housing of the Variable Speed model. Set for proper cutting speed before starting cut. When using the 2-Speed models, allow motor to stop completely before changing speeds.

In all sawing operations, it is important that the shoe be held firmly against the work to prevent transmitting the reciprocating action of the tool to the operator.

TWO POSITION SHOE

The 2-position shoe can be adjusted forward or backward to take advantage of the unused portion of blades. To adjust, remove four screws which fasten shoe to the tool housing, move to desired position and replace screws. **DO NOT OPERATE SAWZALL WITHOUT SHOE. STRIKING THE SPINDLE AGAINST WORK MAY DAMAGE THE RECIPROCATING MECHANISM.**

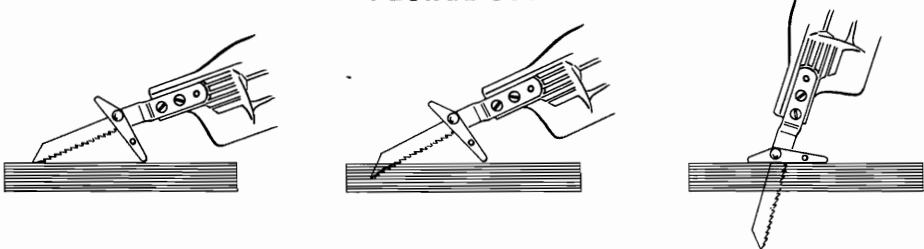
The MILWAUKEE ELECTRIC TOOL CORPORATION assumes no responsibility for damage or accidents resulting from the use, misapplication or non-adherence to safety precautionary measures.

SAWING WOOD

To plunge cut directly into floors, walls and other surfaces composed of resilient materials, position the tool so that the edge of the shoe rests on the the work surface. With blade suspended above material to be cut, depress the trigger switch. Using edge of shoe as a pivot, lower the blade onto the work surface. As the blade starts cutting, raise the handle of the saw slowly until the shoe rests firmly on the work surface. In this position the tool can be maneauvered to acquire the desired cut.

For straight or contour cutting from an edge, line up blade with the line to be cut. Holding shoe flat against material, depress trigger switch and guide Sawzall along cutting line.

PLUNGE CUTS

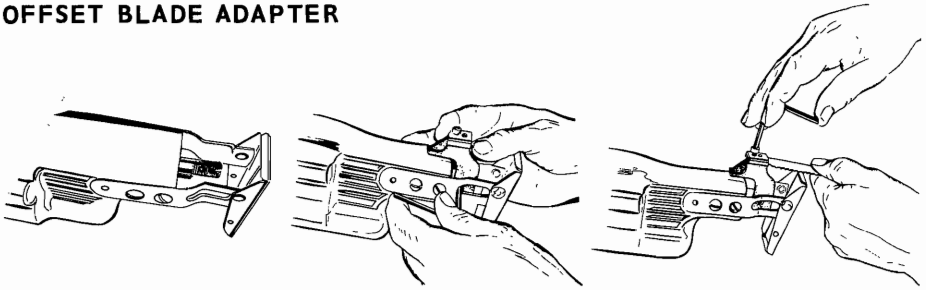


SAWING METAL

Straight or contour cutting of metals and non-resilient material from an edge can be accomplished in the manner described for wood.

To make straight or contour cuts directly into light gauge metal surfaces, it is recommended that a starting hole be made with a sharp chisel. When cutting metals heavier than 18 gauge or non-resilient materials, it is advisable to drill a starting hole.

6 OFFSET BLADE ADAPTER



An Offset Blade Adapter is available for Sawzalls to make flush cuts possible. To attach, retract reciprocating spindle to maximum point of return stroke. Remove socket head screw and blade clamp. Place Adapter over spindle, lining up hole in Adapter casting with threaded hole in spindle. Replace screw, attaching Adapter to spindle. Blade can then be secured in Adapter blade clamp in the same manner it was secured in the spindle clamp.

MAINTENANCE

Any major service should be handled by your Milwaukee Authorized Service Stations, Factory or Factory Branches. Only genuine MILWAUKEE replacement parts should be used. Refer to the Yellow Pages under "Tools Electric" for the nearest Milwaukee Tool Service.

USE ONLY IDENTICAL REPLACEMENT PARTS

Parts List Available On Request

When ordering, include Catalog Number and Serial No. of Tool

Write:

SERVICE DEPARTMENT

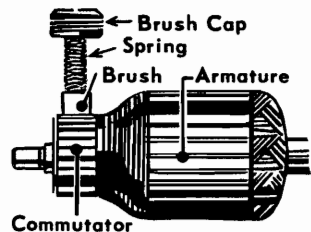
MILWAUKEE ELECTRIC TOOL CORP.

13135 W. Lisbon Rd.

Brookfield, Wis. 53005

BRUSHES AND COMMUTATOR

Failure of the motor to start or to operate efficiently can usually be attributed to worn or damaged brushes, brushes sticking in the holders and failing to make proper contact with the commutator, or to the commutator being dirty or rough. Frequent inspection of brushes and commutator is recommended.



To inspect the brushes, remove plug from power source. Unscrew brush retainer caps located on motor housing. Pull out brush retainer springs and brushes.

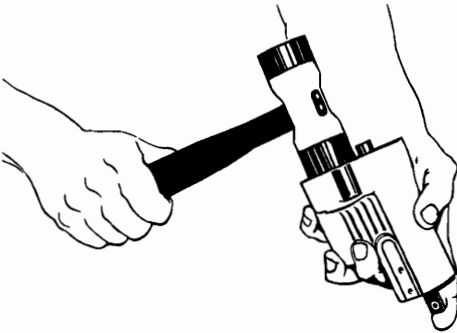
BRUSHES AND COMMUTATOR (Continued)

Replace brushes when worn down to 1/4". Always replace both brushes at the same time. When inspecting brushes, also check the commutator for wear. If worn badly, send the complete tool to a MILWAUKEE Service Station for undercutting and dressing of the commutator.

LUBRICATION

Proper and regular lubrication is the most important single factor in determining the useful life of your Sawzall. It has been lubricated at the factory and this lubrication should be sufficient for six months to one year depending upon the amount of use. Tools used constantly on heavy-duty production jobs require lubrication more often. Tools which have not been used for extensive periods should be relubricated before being put back in service.

To lubricate, remove the four screws holding the Saw Shoe. Remove hex screw and blade clamp. The gear case is taken off by removing the four screws on front of tool. Hold gear casing so you are looking at the large gear, wipe off excessive grease. Remove the two screws. With index finger pushing on shaft at other end of gear casing, tap exposed end of gear casing lightly with a plastic or rubber head hammer. (See illustration.)



This will loosen the bearing plate and reciprocating mechanism so it can be removed. Clean off old grease from mechanism, gear case and gear with mineral spirits. Use MILWAUKEE Type "B" grease (approx. 4 ozs.) inside case making sure to pack grease into all bearings. Insert mechanism and bearing plate into gear casing. Replace the two screws for bearing plate.

IMPORTANT: MAKE SURE SCREWS ARE TIGHT OR LOOSENING DUE TO VIBRATION WILL RESULT IN EVENTUAL DAMAGE. Apply approximately 1/2 oz. MILWAUKEE Type "A" grease on large gear making sure gear is completely covered. Replace gear case on tool, replace four screws on front. Attach blade clamp and Saw Shoe. Run Sawzall momentarily to work grease into bearings.

Type "A" Grease for Gear Case 1/2 lb. can **Catalog No. 49-08-0500**
1 lb. can **Catalog No. 49-08-0800**

Type "B" Grease for Mechanism 1/2 lb. can **Catalog No. 49-08-0600**
1 lb. can **Catalog No. 49-08-0900**

Model Nos. 6510 and 6511 are UL listed and CSA certified.



AUTHORIZED SERVICE

A nation-wide network of Factory Branches and Authorized Service Stations has been established to assure prompt, efficient service. These organizations, staffed with factory trained service personnel, are your source for service or MILWAUKEE ELECTRIC TOOL warranty repairs. They carry an adequate stock to supply genuine replacement parts.

FACTORY SERVICE
4320 North 124th St.
Wauwatosa, Wis 53225

MILWAUKEE ELECTRIC TOOL CORPORATION SERVICE BRANCHES

ATLANTA
1434 Tullie Road, N.E.
Atlanta, Georgia 30329
Phone 404 636-4377

CLEVELAND
7600 Wall Street
Cleveland, Ohio 44125
Phone 216 524-8040

DETROIT
999 Troy Court
Troy, Mich. 48084
Phone 313 585-8252

MIAMI
8101 N.W. 33rd St.
Miami, Florida 33122
Phone 305 592-0442

PHILADELPHIA
388 Reed Road
P.O. Box 224
Broomall, Pa. 19008
Phone 215 544-5544
Phila. 215 528-6771

BOSTON
143 California St.
Newton, Mass. 02158
Phone 617 244-4483

DALLAS
7205 Envoy Court
Dallas, Texas 75247
Phone 214 637-4820

LOS ANGELES
2561 W. Olympic Blvd.
Los Angeles, Cal. 90006
Phone 213 382-3000
and 213 382-2361

MINNEAPOLIS
2200 W. 94th Street
Bloomington, Minn. 55431
Phone 612 884-7258

SAN FRANCISCO
329 Littlefield Ave.
So. San Francisco, Cal. 94080
Phone 415 583-8484
S.F. 415 761-2851

CHICAGO
7315 N. Monticello Ave.
Skokie, Ill. 60076
Phone 312 539-9173

DENVER
2620 W. 2nd Avenue
Denver, Colorado 80219
Phone 303 922-1163

or
1130 N. Magnolia St.
Anaheim, Cal. 92801
Phone 714 827-3970

NEW YORK
35-01—24th St.
Long Island City, N.Y. 11106
Phone 212 361-0330
N.J. 201 622-7752

SEATTLE
503 S. Michigan St.
P. O. Box 80346
Seattle, Washington 98108
Phone 206 762-8430

AUTHORIZED SERVICE STATIONS

ALABAMA
Power Tool Services, Inc.
1113 4th Avenue South
Birmingham, Alabama 35233

ALASKA
Aero Services Co.
203 Post Road
P.O. Box 1354
Anchorage, Alaska 99501
Aero Services Co. of Fairbanks
P.O. Box 2191
Fairbanks, Alaska 99701

ARIZONA
Glen's Tool Service
4036 North 13th Way East
Phoenix, Arizona 85014
Electric Motor Company
1028 E. Broadway
Tucson, Arizona 85719

ARKANSAS
Heminger, Inc.
1206 South Main Street
Little Rock, Arkansas 72202

CALIFORNIA
Blackstone Electric Motor Shop
1251 Blackstone Avenue
Fresno, California 93703
Sacramento Industrial Electric Co.
6322 Eves
Sacramento, California 95819

Precision Mechanical
1074 No. Tenth Street
San Jose, California 95112

CONNECTICUT
Portable Power Tool Repair Co.
447 Ash Street, Near
New Britain, Connecticut 06051

FLORIDA
Turner Electric Works
1020 E. 8th St., P.O. Box 4247
Jacksonville, Florida 32201

Florida Electric Motor Service
1128 Allamby Avenue
Orlando, Florida 32806
Electrical Repair Co.
1528 East Cass Street
Tampa, Florida 33602

HAWAII
Cathel Services & Sales, Inc.
687 Auahi Street
Honolulu, Hawaii 96813

IDAHO
K. C. Supply
814 N. Mainville Street
Boise, Idaho 83704

INDIANA
Stewart's Electric Motors, Inc.
1001 North Illinois
Indianapolis, Indiana 46204

IOWA
Jim's Appliance Service
901 Main St. S.W.
Cedar Rapids, Iowa 52404
Five Cities Tool Service, Inc.
743 Schmidt Road
Davenport, Iowa 52802
Electrical Engineering & Equip. Co.
1808 Delaware Street
Des Moines, Iowa 50317

KANSAS
Means Electric Co., Inc.
925 E. Mardock
Wichita, Kansas 67202

KENTUCKY
City Electric Motor Shop
492 East High Street
Lexington, Kentucky 40508
Electric Tool Service Corp.
757 Logan Street
Louisville, Kentucky 40204

LOUISIANA
Beeman Precision Machine Wks., Inc.
2021 Tholia Street—P.O. Box 53432
New Orleans, Louisiana 70150

MARYLAND
Roland Electrical Company
330 West 23rd Street
Baltimore, Maryland 21211
Turner Electric Company
201 Eban Allen Avenue
Tolomeo Park, Maryland 20012

MISSISSIPPI
Flannigan Electric Co. Inc.
328 Oakdale Street
Jackson, Mississippi 39204

MISSOURI
Heath Sales & Services, Inc.
518-20 East 16th Street
Kansas City, Missouri 64108
P. M. Electric Company, Inc.
5280 Fyler Avenue
St. Louis, Missouri 63139

NEBRASKA
Fah Electric Service, Inc.
2516 Cuming Street
Omaha, Nebraska 68131

MONTANA
Musch Electric Motors
326 S. Astor Avenue South
Great Falls, Montana 59401

NEVADA
Stewart's Electric Motors, Inc.
2113 Western Avenue
Las Vegas, Nevada 89102

NEW MEXICO
Electric Service, Inc.
1007 Bridge Boulevard, S.W.
Albuquerque, New Mexico 87105

NEW YORK
Richer Electric Motor Repair
1535 Niagara Street
Buffalo, New York 14213
Berg Electric Corp.
295 Mt. Read Blvd.,
P. O. Box 1907
Rochester, New York 14603
Borrett Electric Service Inc.
112 Henry Street
Schenectady, New York 12304
Ranning Electric Service Co.
125 Charles Avenue (Drysdale)
Solvay, New York 13209

NORTH CAROLINA
Portable Tool Service
724 N. Broadway Street
Charlotte, North Carolina 28202

OHIO
Cincinnati Electrical Repair Co.
2023 Elm Street
Cincinnati, Ohio 45210
B. B. Shoemaker & Son
950 Oakland Park Avenue
Columbus, Ohio 43224
M. E. B. Electric Motor Service, Inc.
1516 East Fifth Street
Dayton, Ohio 45403

OKLAHOMA
Hydraulic Equipment Company
515 South Broadway
Oklahoma City, Oklahoma 73125
Homestead Electric Co.
1510 East Third Street
Tulsa, Oklahoma 74120

OREGON
Kell's Electric Motor Service
678 Olive Street
Eugene, Oregon 97401
Walker Electric Works
206 Northwest 10th Ave.
Portland, Oregon 97209

PENNSYLVANIA
Snyder Electric Company
1500 Chateau Street
Pittsburgh, Pennsylvania 15223

PUERTO RICO
Cabrera Electronic Shop
418 Aracibia Street, Puerto Nuevo
San Juan, Puerto Rico 00920

RHODE ISLAND
Baklin Electric Service, Inc.
515 Jefferson
Warwick, Rhode Island 02888

SOUTH CAROLINA
Mann Electric Repair Co.
2909 Main St.
Columbia, South Carolina 29201
Delta Ind. Electric Co., Inc.
1106 Meeting Street
P. O. Box 422
Charleston, South Carolina 29402

TENNESSEE
Electric Service Company
3914 McCulloch Avenue
Knoxville, Tennessee 37914
Southern Electric Co.
812 Porter Street
Memphis, Tennessee 38126
Allied Electric Motor Co., Inc.
939 - 4th Avenue, South
Nashville, Tennessee 37210
Dixie Industrial Service, Inc.
2108 E. Main Street
Chattanooga, Tennessee 37404

TEXAS
O. E. Jones Electric Co., Inc.
212 Mo. Park
Amarillo, Texas 79107
I-T-S Reholts Inc.
3003 Lealand
Houston, Texas 77003
Duke Electric Company
500 6th Street
San Antonio, Texas 78215

UTAH
Diamond Electric Motor Service
1465 South Second West Street
Salt Lake City, Utah 84104

VIRGINIA
Bryan Electric Company
424 West 25th Street
Norfolk, Virginia 23517
Rays Electric Motor Service, Inc.
2201 Norfolk Street
Richmond, Virginia 23230
Lloyd Electric Company, Inc.
221 West Salem Ave.
Roanoke, Virginia 24016

WASHINGTON
K & N Electric Motors, Inc.
1311 No. Washington Street
Spokane, Washington 99201
Cooper Electric Motor Service Co.
203 South 4th Avenue
Yakima, Washington 98902

FACTORY AND GENERAL OFFICES

MILWAUKEE ELECTRIC TOOL CORPORATION
13135 W. Lisbon Road, Brookfield, Wisconsin 53005 • Phone: Area Code 414 781-3600

CANADIAN SUBSIDIARY

MILWAUKEE ELECTRIC TOOL (CANADA) LTD., 383 Midwest Road, Scarborough, Ontario



GUARANTEE

Every MILWAUKEE Tool is thoroughly inspected and tested before leaving the factory. It is guaranteed against defective workmanship and materials. Should any trouble develop, return the complete tool prepaid to the Factory, Branch or nearest Authorized MILWAUKEE Service Station. If inspection shows trouble is caused by defective workmanship or material, all repairs will be made without charge and returned transportation prepaid. The guarantee does not apply where: Repairs or attempted repairs have been made by persons other than Factory, Branch or Authorized Service Station personnel; repairs are due to normal wear; the tool has been abused or in an accident; misuse is evident—caused by overloading the tool beyond its rated capacity, use of the tool after partial failure or use with improper accessories. No other guarantee, written or verbal, is authorized.

SAWZALL® BLADES

A Type and Length For Every Sawing Job

PURPLE —
HIGH ALLOY STEEL



ORANGE —
HIGH ALLOY STEEL



GREEN —
HIGH ALLOY STEEL



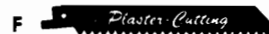
SILVER —
SPRING STEEL



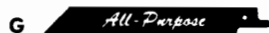
BLACK —
SPRING STEEL



WHITE —
HIGH ALLOY STEEL



BLACK —
BAND SAW STEEL



BLACK —
TUNGSTEN CARBIDE



BLACK —
TUNGSTEN CARBIDE



Type	Key	Catalog No.	Teeth per Inch	Lgth. (In.)	Recommended for Cutting	Quan. per Box
Roughing-In Blades, Wood and Plaster	A	48-00-1001	3	3½	Nail free woods . . . fastest cutting . . . fully hardened to withstand roughest sawing. Teeth, fleam sharpened to shear, not tear wood fibers. Canted shank provides for faster feed, deeper cut and ideal return stroke clearance.	10
		48-00-1002		6		10
		48-00-1003		12		5
	B	48-00-1011 48-00-1012 48-00-2011	6	3½	Nail embedded woods and composition materials . . . 12" blade affords flexibility for flush cutting.	10
				6		10
		48-00-1013 48-00-1014 48-00-2012	10	3½	For all woods . . . nail embedded woods, composition materials and light gauge non-ferrous metals.	10
				6		10
	48-00-2013	18	12	Nail embedded woods . . . for opening crates, boxes, removing wood siding and shingles.	5	
	C	48-00-1021 48-00-1022	6	3½	All woods including nail-embedded woods. Hardened and tempered to resist bend or twist. Even after severe twist, blade springs right back to its original shape.	5
				6		
		48-00-1023 48-00-1024	10	3½		
				6		
	D	48-00-1031 48-00-1032 48-00-1033	7	6	General roughing-in work in wood and nail embedded woods.	5
				12		
				9		
E	48-00-1041 48-00-1042 48-00-1043	6	6	Wood cutting . . . shear tooth design . . . fleam sharpened for shearing action . . . very fast cutting, long blade life.	5	
			12			3
			9			4
F	48-00-1051 48-00-1052	5	3½	For plaster, plaster with metal lath, plasterboard. Cuts on both forward and backward stroke.	10	
			6			
G	48-00-1061 48-00-1062	6	3½	For nail-free woods, plywood, asbestos and fiberboard . . . A general purpose economy type blade.	10	
			6			
	48-00-1063 48-00-1064 48-00-2064*	10	3½	Nail embedded woods, plywood, insulating board, and asbestos. Blade edge hardened.	10	
			6			
			6			
	48-00-1065 48-00-1066 48-00-2066*	18	3½	For nail embedded woods, opening wooden crates or boxes, removing wood siding or shingles. Teeth are fully hardened.	10	
			6			
48-00-1067 48-00-1068	24	3½	For light gauge non-ferrous metals.	10		
Tungsten Carbide	H	48-00-1410	Scroll	3½	Medium grit; for brick, carbon, claypipe, chalkboard, plywood, hardwood veneer plywood.	3
			0			
I	48-00-1400† 48-00-1420†	0	4	Coarse grit; for fiber glass (epoxies, polyesters, silicones, molamines). Nail embedded wood, plaster with nails, asbestos cement.	3	
			6			

WRENCH, SCREW AND CLAMP KIT

Catalog No. 49-22-5080 consists of 10 blade clamp screws, 2 blade clamps and 2 socket wrenches.

WRENCH AND SCREW KIT

Catalog No. 49-22-5050 consists of 25 socket wrenches and 50 blade clamp screws.

SAWZALL® BLADE CARD

Catalog No. 49-22-1120 consists of one each of 48-00-(1011, 1023, 1031, 1041, 1064 and 1121) for wood, and 48-00-(1102, 1162, 1171, 1174 and 1182) for metal — a total of 11 blades.

ECONOMY BLADE ASSORTMENT

Catalog No. 49-22-1080

A special package value includes 45 Sawzall® Blades of 18 most popular types for cutting wood or metal. Consists of five each catalog Nos. 48-00-(1063, 1064, 1174); three each 48-00-(1061, 1102, 1183); two each 48-00-(1023, 1024, 1041, 1051, 1062, 1103, 1121, 1141, 1173); one each 48-00-(1031, 1002, 1012).



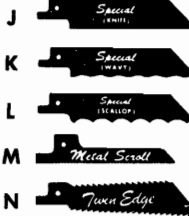
SILVER —
SPRING STEEL

SILVER —
SPRING STEEL

SILVER —
SPRING STEEL

RED —
HIGH SPEED STEEL

ORANGE —
HIGH ALLOY STEEL



SEE CHART

YELLOW —
HIGH SPEED STEEL

RED —
HIGH SPEED STEEL

BLUE —
HIGH SPEED STEEL

GREEN —
HIGH ALLOY STEEL



Type	Key	Catalog No.	Teeth per Inch	Lgth. (In.)	Recommended for Cutting	Quan. per Box		
Specialty Blades	J	48-00-1071	Knife	4	Sponge, rubber, leather, felt and other resilient materials.	10		
	K L	48-00-1081	Wavy		Corrugated cardboard, laminated fiberglass, tape and sheets, paper, cork and rubber.			
		48-00-1091	Scalloped					
Metal Scroll	M	48-00-1101 48-00-1102 ★ 48-00-1103 ★	14 18 24	2½	Scroll cutting metals. 14 tooth for ½" and over; 18 tooth—18 ga. to ⅜"; 24 tooth—lighter than 18 ga.	10		
Roughing In	N	48-00-1131	7	4⅞	Plunge cutting wood and sawing back to a line. Hardened teeth and flexible center permits sawing in close-quarters. High resistance to bending or breaking. Ideal for roughing-in.	5		
Wood Scroll	O	48-00-1121 48-00-1151	6	3⅝	Sawing intricate shapes and scroll cuts in wood and synthetic structural materials. (1121) a carbon steel economy blade (Gray) (1151) a high speed steel Deluxe blade (Black).	5		
		48-00-1141	7	3⅝	Rough cutting irregular contours in wood, fiberboard, asphalt and asbestos. Spring steel blade. (Silver).	10		
		48-00-1201 48-00-1202 ●	6	3⅝	High speed steel, hollow ground . . . De Luxe type . . . for fast, smooth finish scroll cuts in wood, plastics, formica and fiberglass. (Silver with black shank).	5		
		48-00-1161 48-00-1162	10 14	3⅝	Heavy gauge metal, hard rubber and fiber.	10		
Metal Cutting	Q	48-00-2175	10	8	Cast iron, steel or copper pipe to 4" dia., and also metal decking materials.	5		
		48-00-1171 48-00-1172 48-00-1179	14	2½ 4 6	Metal heavier than ⅜" thick, angles, bar stock, hard rubber and fiber.	10		
		48-00-1173 ★ 48-00-1174 ★ 48-00-2170 ★	18	2½ 4 6	Heavy gauge metals, conduit, pipe, channels and tubing.	10		
		48-00-1175 ★ 48-00-1176 ★ 48-00-2171 ★	24	2½ 4 6	Metals lighter than 18 gauge sheet, trim and tubing.	10		
		48-00-1177 48-00-1178	32	2½ 4	Very light gauge metals . . . sheet trim and tubing.	10		
		48-00-1181 48-00-1182	14	4 6	Heavy gauge metals, angles, bar stock ⅜" thick and above. Hard rubber. Teeth are fully hardened. Hardening of blade back limited to provide required resiliency.	10		
		48-00-1183 ★ 48-00-1184 ★	18	4 6	Some characteristics as blades 1181 and 1182 except finer teeth for fast cutting of metals 18 gauge to ⅜" thick conduit, pipe, channels and tubing.	10		
		Pruning	S	48-00-1302	6	12	Pruning trees, smooth sawing green woods. Deep tooth design, fleam filed. Clean cuts wood fibers.	5

FOOTNOTE REFERENCE

● All blades have teeth set to cut on up stroke except blades 48-00-1202, 48-00-2064 and 48-00-2066. These 3 blades have teeth set to cut on down stroke and are recommended when sawing veneers or plywood to prevent splintering on the finish side.

★ Some varieties of stainless steel can be cut with these blades.

† With 2-Speed and Variable Speed SAWZALL® use slower speeds.

Carbide blades cut on both the up and down strokes giving better edge finish.

MISCELLANEOUS

Blade Clamp Wrench Catalog No. 49-96-0070
Rubber-Flex Wrench Holder Catalog No. 48-66-4080
Steel Carrying Case Catalog No. 48-55-1560

Use Only GENUINE SAWZALL® BLADES

- Custom Milled Teeth, Set and Hardened for Maximum Performance at the Exact Speed of the Sawzall.
- Tang Designed to Secure Blade in Blade-Clamp at the Proper Angle for Maximum Cutting Efficiency.