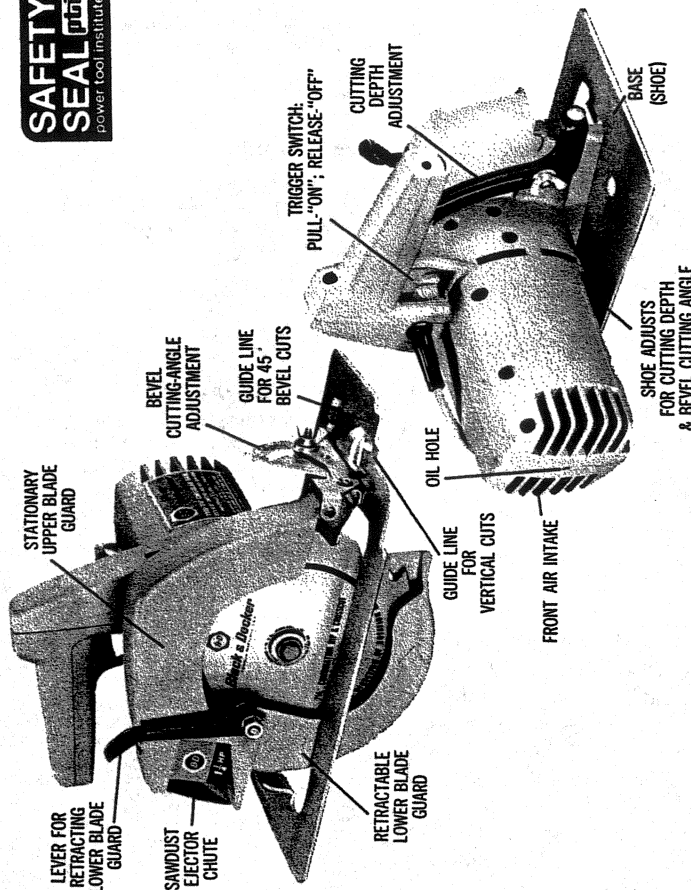




OWNER'S MANUAL



CUTTING DEPTH: At 90°—0" to 2 3/8". At 45° bevel — 0" to 1 7/8".
BEVEL ADJUSTMENT: 0° to 45°.

120 VOLTS A.C. ONLY 9 AMPS 1 1/4 H.P. 4900 R.P.M.

7 1/4" CIRCULAR SAW Model 7305

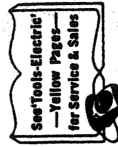
GUARANTEE

Black & Decker guarantees, for one year from date of purchase, to correct by repair or parts replacement without charge any defect due to faulty material or workmanship. Simply return the complete unit, transportation prepaid, to any Black & Decker Service Center or Authorized Service Station. Naturally, we assume no responsibility for damage caused by misuse, careless handling or where repairs have been made or attempted by others. No other guarantee, written or verbal, is authorized by us.

IMPORTANT!

To assure product SAFETY and RELIABILITY, repairs, maintenance and adjustment should be performed by BLACK & DECKER Service Centers or other qualified service organizations, always using BLACK & DECKER replacement parts.

FACTORY SALES & SERVICE CENTERS

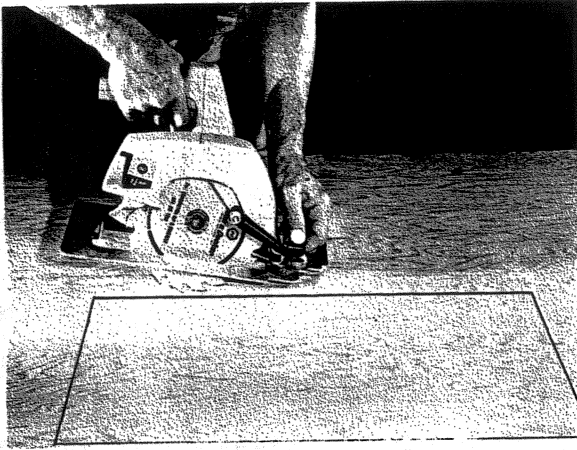


Area Code	Telephone No.	Area Code	Telephone No.
ALABAMA: Birmingham 3523, 1717 Third Ave., South	324-6591	NEBRASKA: Omaha 68102, 2218 Leavenworth Street	505
ARIZONA: Phoenix 6004, 537 E. McDowell Rd.	602 AL 5-3022	NEW JERSEY: Newark 07102, 168 Broadway	202 HU 3-1076
ARKANSAS: Little Rock 72201, 510 West Seventh Street	501 7-5050	NEW MEXICO: Albuquerque 87106, 8700 Lomas Blvd., N.E.	505 355-6401
CALIFORNIA: Los Angeles 90007, 2432 S. Broadway	213 7-8050	NEW YORK: New York 10042, 881 W. Park Avenue	212 57 4-5220
Oakland 94608, 1107 E. 14th St.	415 4-5944	New York 10042, 1894 E. Tremont Avenue (Bronx)	212 SY 2-2700
San Francisco 41509, 139 Airport Blvd.	415 4-5944	New York 10042, 225 W. 42nd St. (Manhattan)	212 DE 5-1542
San Diego 92105, 3811 El Capin Blvd.	619 280-3331	Rochester 14600, 476 Clinton Ave. S.	716 444-3814
San Francisco 41509, 139 Airport Blvd.	415 4-5944	Syracuse 13224, 2140 Erie Blvd. E.	315 444-3814
San Jose 95128, 2310 Victoria Blvd.	408 281-6162	Tampa 33606, 3401 W. Kennedy Blvd.	813 872-8317
San Noy 9401, 1620 Victoria Blvd.	707 787-5531	TEMPA 33606, 3401 W. Kennedy Blvd.	813 872-8317
COLORADO: Denver 80204, 675 Kalanath St.	303 222-0621	TEXAS: Dallas 75201, 1111 South Presa Street	214 512 4-6111
CONNECTICUT: Hartford 06114, 131 Meadow Street	203 249-6241	UTAH: Salt Lake City 84115, 1541 S. Second West Street	801 670-5066
DISTRICT OF COLUMBIA: Washington 20001, 1500 M Street, N.W.	202 779-3808	VIRGINIA: Falls Church 22046, 129 Annandale Road	703 533-1147
FLORIDA: Jacksonville 32208, 5225 Pearl Street	904 356-2951	WASHINGTON: Seattle 98119, 701 Third, North	206 AT 2-6432
Fort Lauderdale 33304, 1000 S. Broward Blvd.	305 473-1651	Spokane 99207, 3550 North Market Street	509 464-0289
Orlando 32806, 940 So. Orange Ave.	305 362-1651	WISCONSIN: Milwaukee 53213, Blue Mound Road	414 476-7800
Tampa 33606, 3401 W. Kennedy Blvd.	813 872-8317	CO., Limited, Canada	
GEORGIA: Atlanta 30313, 316 Techwood Drive, N.W.	404 4-0431	BROCKVILLE, ONTARIO	1-800-361-1111
HAWAII: Honolulu 96813, 675 Auahi Street	808 536-9374	Edmonton, Alberta	1-800-361-1111
ILLINOIS: Chicago 60607, 1100 W. Madison Blvd.	312 312 3-6923	Halifax, Nova Scotia	1-800-361-1111
Chicago 60643, Beverly Hills, 10708 S. Western Ave.	312 312 3-6923	London, Ontario	1-800-361-1111
Rock Island 61201, 725 30th Street	309 788-1744	Montreal, Quebec	1-800-361-1111
INDIANA: Indianapolis 46202, 4125 W. 16th Street	317 632-5569	Ottawa, Ontario	1-800-361-1111
IOWA: Des Moines 50312, 2811 Ingersoll Ave.	515 263-6571	ALABAMA: Montgomery	205 261-1111
KENTUCKY: Louisville 40205, 4407 Park Blvd.	502 366-1495	Alaska: Anchorage	907 261-1111
LOUISIANA: New Orleans 70002, 310 N. Causeway Blvd.	504 837-2550	Arizona: Tucson	602 261-1111
Baltimore 21205, 4712 Edman Ave.	410 485-5550	California: Fresno	209 261-1111
Bladenburg 20710, 4501 Baltimore Avenue	301 779-3808	CONNECTICUT: New Haven	203 261-1111
MASSACHUSETTS: Boston 02135, 12 Market St. (Gringhion)	617 57 2-6264	Delaware: Wilmington	302 261-1111
MICHIGAN: Detroit 48219, 18133 W. McNichols Rd.	313 534-8880	Florida: Jacksonville	904 261-1111
Detroit 48234, 11500 East Seven Mile Road	313 527-5010	Georgia: Atlanta	404 261-1111
MINNESOTA: Minneapolis 55408, 2815 North Ave.	612 823-5293	Hawaii: Honolulu	808 261-1111
MISSOURI: Kansas City 64108, 2705 McGee Trafficway	816 HA 1-1493	Illinois: Chicago	312 261-1111
St. Louis 63110, 615 S. Vandeventer Ave.	314 JE 3-2210	Indiana: Indianapolis	317 261-1111

THE BLACK & DECKER MFG. CO., TOWSON, MD. 21204, U.S.A.
Form No. 97026 AL

(B1-AL) Printed in U.S.A.

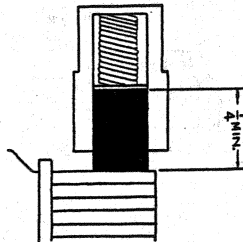
POCKET CUTTING



Adjust saw base (shoe) so blade cuts at desired depth. Tilt saw forward and rest front of base on material to be cut. Using lever, retract blade guard to an upward position. Lower rear of base until blade teeth almost touch cutting line. Now release the blade guard and its contact with the work will keep it in position to open freely as you start the cut. Start the motor and gradually lower the saw until its base rests flat on the material to be cut. Advance saw along cutting line until cut is completed. Release trigger and allow blade to stop completely before withdrawing the blade from the material. When starting each new cut, repeat as above. **Never tie the blade guard in a raised position.**

BRUSHES

Carbon motor brushes should be visually inspected frequently by looking through the front air intake slots at the end of the housing, using a light if necessary. If the brushes are worn down to $\frac{1}{4}$ " or less (see sketch at right), the saw should be taken or sent to your nearest B&D Factory Center or Authorized Service Station (addresses on back of this booklet) for quick and economical brush replacement. The saw will be returned to you in safe operating condition. **DO NOT ATTEMPT TO REPLACE BRUSHES YOURSELF.**



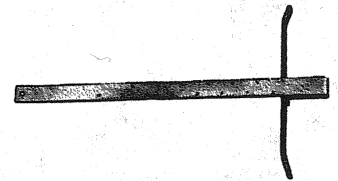
LUBRICATION

Place two drops of machine oil in oil hole in air intake end of motor housing at approximately 15 hour intervals of running time. It is recommended that, at least once a year, you take or send the tool to a B&D Service Center for a thorough cleaning, inspection and lubrication of the gear case.

SAW ACCESSORIES:

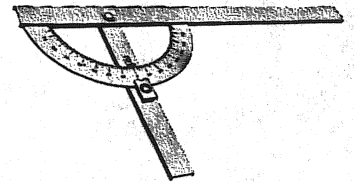
RIP FENCE

Attaches to either side of Saw base for fast, smooth rip cutting. No need for long, penciled guide lines. Cat. No. U-1915



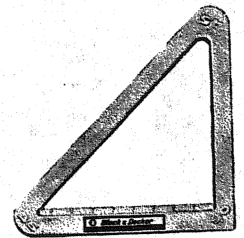
SAW PROTRACTOR

Guides accurate cross cuts at any angle from 0° to 90°. Calibrated in degrees. Has adjustable pointer. Cat. No. U-1812

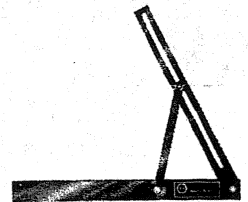


CUT-OFF GUIDES

One-piece guide for making accurate 90° or 45° cuts. Cat. No. U-1917



Adjustable Guide has movable arm for accurate cuts at any angle from 90° to 45°. Cat. No. U-1918

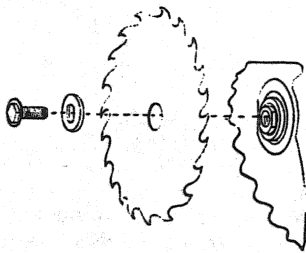


SAW BLADES

Black & Decker manufactures a complete line of blades which are available from your dealer. These include "STANDARD" BLADES in the four most popular types: Combination (crosscut & rip), Crosscut, Framing, and Plywood. Chromium plated "PREMIUM QUALITY" BLADES are available in the following types: Combination, Planer, Framing, Flooring, Carbide-Tipped, Metal Cutting, Plywood, Friction, Crosscut, and Ripping. TEFLON-S* BLADES, having a self-lubricating surface, are made in the Combination and Plywood types.

*Reg. U.S. Pat. Off. by DuPont

MOUNTING SAW BLADES



1. BE SURE THE SAW IS DISCONNECTED FROM THE POWER SUPPLY!

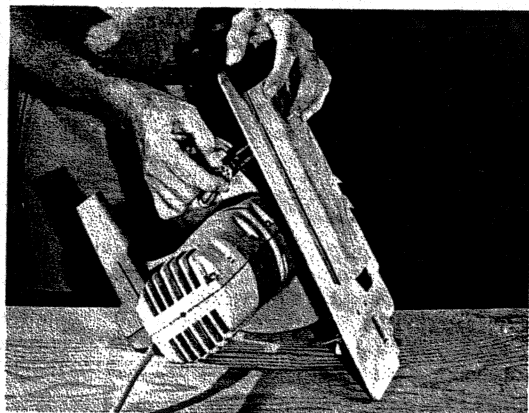
2. To remove blade clamping screw and washer:

— a. ON NEW SAWS (without blade attached), turn screw counter-clockwise with blade wrench provided. If screw does not loosen easily from spindle, tap the outer end of the wrench sharply in a counter-clockwise direction with a piece of wood to "free" the screw threads. Remove screw and washer.

— b. ON SAWS WITH BLADE ATTACHED, turn the blade so the single hole in the rim is exposed at the front of the saw. Put a nail through this hole and turn the blade counter-clockwise until the nail is against the housing and stops the blade from turning. Turn the blade clamping screw counter-clockwise with the blade wrench and remove the screw and washer.

3. To attach the blade, retract the lower blade guard and slip the blade over the saw spindle with printed side of blade out (teeth at bottom of blade pointing forward). Place washer on spindle so that "flats" in washer fit "flats" on spindle. Thread on clamping screw to hold washer in position. Place a nail through hole in blade rim so that nail rests on front of saw base (shoe) and keeps blade from turning. Tighten clamping screw (clockwise) securely with the blade wrench.

CUTTING DEPTH ADJUSTMENT



BE SURE SAW IS UNPLUGGED. When cutting any material with steel blades, the most efficient depth adjustment is one that permits the blade tooth depth only to project below the bottom of the material (except when using Carbide Tipped Blades, where only $\frac{1}{2}$ of the tooth tip should project below the material). This keeps blade friction at a minimum, removes sawdust from the cut and results in cooler, faster sawing. Correct cutting depth is obtained by: (1) Place the saw in the position shown above and loosen the wing nut on the left side of the sawdust ejector. (2) Raise or lower the base until the blade projects from the base the desired distance. Retighten wing nut securely.

BEVEL ANGLE ADJUSTMENT

DISCONNECT PLUG FROM POWER SUPPLY BEFORE MAKING THIS OR ANY OTHER ADJUSTMENT. The adjustable base (shoe) permits bevel cutting at any angle between 45° and 90° . The quadrant on the front of the saw is calibrated for accurate adjustment. To set saw for bevel angle cut, loosen wing nut and tilt base to angle desired. Retighten wing nut securely.

SWITCH

Pull the trigger switch to turn the motor "ON". Releasing the trigger instantly turns the motor "OFF," but the blade will continue to rotate for a short time. For safer operation, this tool has no provision to lock the switch in the "ON" position.

OPERATION

ALWAYS DISCONNECT THE SAW BEFORE MAKING ANY ADJUSTMENTS. Place the work with its "good" side — the one on which appearance is more important — down. The saw cuts upward, so any splintering will be on the face that is up when you saw it. Support the stock so that the cut will be on your right, with the wider base portion of the saw base on that part of the work piece which is solidly supported, not on the section that will fall off when the cut is made. If the stock is short or small, clamp it down. **Don't try to hold short pieces by hand.**

Draw the required guide lines then rest the front of the saw base (shoe) flat on top of the work, with the guide notch correctly aligned. Run the stationary blade lightly against the edge of the work, back it off a little, and only then start the motor. Advance the saw into the wood. The telescoping blade guard will swing back by itself. Feed the tool at the speed at which the blade cuts easily. Remember that hardness and toughness can vary even in the same piece. A knotty or damp section can put a heavy load on the saw; when this happens feed more slowly. Feed the saw hard enough to keep it working without much decrease in speed. Forcing it beyond this makes for rough cuts, inaccuracy, and overheating of the motor.

Should your cut begin to go off the line, don't try to force it back on. It's best, of course to make errors on the waste side of the line. Then you can withdraw the saw, sight anew, and start a new cut a trifle inside the wrong one. In any event, withdraw the saw if you must shift the cut. Forcing a correction inside the cut can stall the saw and perhaps spoil the work. **IF SAW STALLS, RELEASE THE TRIGGER, DISCONNECT PLUG FROM POWER SUPPLY AND THEN BACK THE SAW UNTIL IT IS LOOSE. BE SURE BLADE CLEARS THE WORK BEFORE RESTARTING CUTTING.**

As you finish a cut, release the trigger and allow the blade to stop before lifting the saw from the work. As you lift the saw the spring-tensioned telescoping guard will automatically close under the saw. Remember the blade is exposed until this occurs; never reach under the work for any reason whatsoever. When you have to retract the telescoping guard manually (as is necessary for starting pocket cuts) always use the retracting lever.

Black & Decker. 7 1/4" CIRCULAR SAW



P.T.I. SAFETY RULES FOR 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-prong 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 use power tool in damp or wet locations. And 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 at all times, and clean for best and safest performance. Follow instructions for lubricating and changing accessories.
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.

ADDITIONAL SAFETY RULES FOR SAWS

1. **DISCONNECT PLUG** from power supply before changing blades, making cutting depth or cutting angle adjustments, lubricating, inspecting, or when saw is not being used.
2. **WHEN RETRACTING** the lower blade guard, always use the retracting lever on the guard.
3. **NEVER TIE BACK** the lower blade guard or its retracting knob.
4. **WHEN SAWING** never reach underneath the material.
5. **KEEP BLADE SHARP.** Dull blades may cause the saw to swerve or stall under pressure.
6. **IF YOU DROP** or damage the saw, unplug it first; then check to see if the blade and lower blade guard operate freely before resuming operations.
7. **IF SAW STALLS,** release the trigger and disconnect plug from power supply before attempting to loosen the unit.

MOTOR

Your Black and Decker tool is powered by a B&D-built motor. Be sure your power supply agrees with voltage marked on nameplate. Volts AC means Alternating Current (25 to 60 cycles) only. Volts AC/DC means it will also operate on Direct Current (single speed unit only). Voltage variation of more than 10% will cause loss of power and over-heating. All B&D tools are factory-tested. If this tool does not operate, check the power supply line for blown fuses and the plug and receptacle for proper contact.

GROUNDING

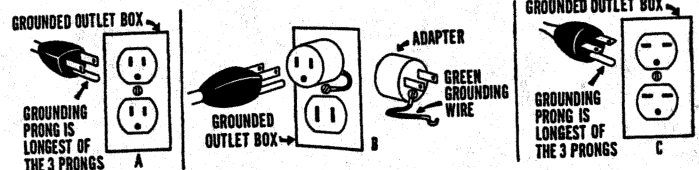
These units are equipped with approved 3-conductor power cord and 3-prong grounding type attachment plug to be used with the proper grounding type receptacle, in accordance with the National Electrical Code, Canadian Electrical Code, and Underwriters' Laboratories specifications. The green colored conductor in the cord is the grounding wire. It is connected to the metal frame of the unit inside the housing and to the longest prong of the attachment plug. Never connect the green wire to a "live" terminal.

If your unit requires less than 150 volts it has a plug that looks like Fig. "A". It will fit directly into the proper type of 3-wire grounding receptacle. The unit is then grounded automatically each time it is plugged in.

Shown in Fig. "B" is a special grounding adapter (not allowed in Canada by the Canadian Electrical Code) which is available from your dealer and will permit using a 2-wire receptacle. The green grounding wire extending from the side of the adapter must be connected to a Permanent Ground.

If the unit requires from 150 to 250 volts, it has a plug like Fig. "C". No adapter is available and the plug must be used in the proper 3-wire grounding receptacle.

If you use an extension cord, be sure that it is a 3-conductor, grounding type cord. Grounding must be continuous from the tool plug to the grounded receptacle.



EXTENSION CORD

When using the tool at a considerable distance from power source, a 3-conductor, grounding-type extension cord of adequate size must be used for safety, and to prevent loss of power and over-heating. Use the table below for 120-volt tools. For 220-volt tools, see same chart but use a wire size corresponding to an extension cord length shown which is 1/2 the length of extension to be used.

P.T.I. Safety Rule #12 applies to Extension Cords as well as the Tool Power Cord. Before using cords, inspect them for loose or exposed wires and damaged insulation. Make any needed repairs or replacement before using your power tool.

Ampere rating (on nameplate)	0 to 2.0	2.10 to 3.4	3.5 to 5.0	5.10 to 7.0	7.10 to 12.0	12.1 to 16.0
Ext. Cable length	Wire Size (A.W.G.)					
25 ft.	18	18	18	18	16	14
50 ft.	18	18	18	16	14	12
75 ft.	18	18	16	14	12	10
100 ft.	18	16	14	12	10	—
150 ft.	16	14	12	12	—	—
200 ft.	16	14	12	10	—	—