



Instruction Manual

5070 • 5072 • 5075

Hammerdrills

Getting the most out of your tool.

Please take time to read this manual and pay particular attention to the safety rules we've provided for your protection. If you have any questions about your tool please call:

1-800-9-BD TOOL
(1-800-923-8665)

IMPORTANT SAFETY INSTRUCTIONS

WARNING: When using electric tools, basic safety precautions should always be followed to reduce risk of fire, electric shock, and personal injury, including the following:

READ ALL INSTRUCTIONS

Double Insulation

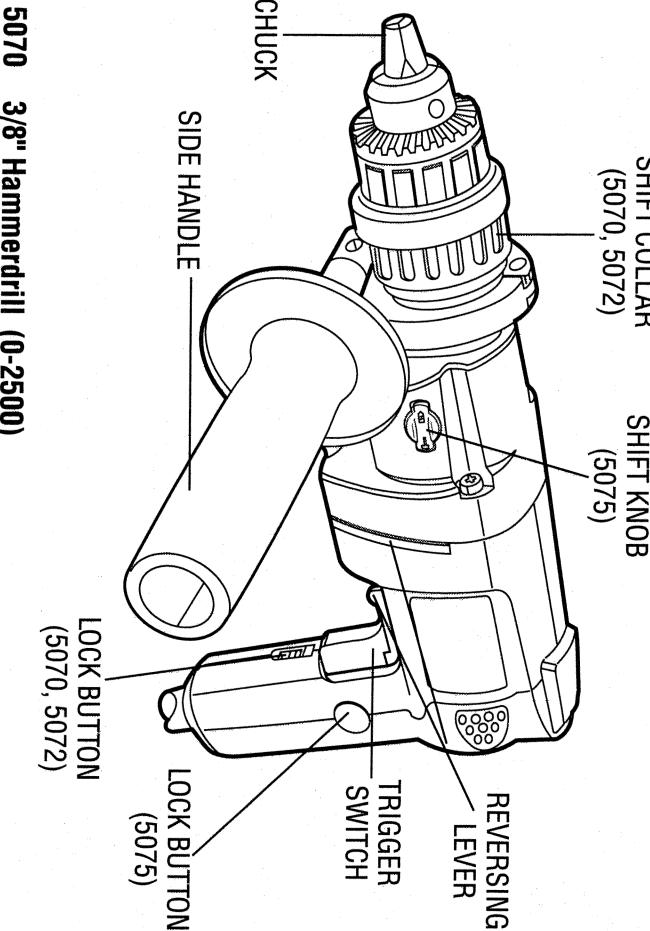
Double insulated tools are constructed throughout with two separate layers of electrical insulation or one double thickness of insulation between you and the tool's electrical system. Tools built with this insulation system are not intended to be grounded. As a result, your tool is equipped with a two prong plug which permits you to use extension cords without concern for maintaining a ground connection.

NOTE: Double insulation does not take the place of normal safety precautions when operating this tool. The insulation system is for added protection against injury resulting from a possible electrical insulation failure within the tool.

CAUTION: WHEN SERVICING USE ONLY IDENTICAL REPLACEMENT PARTS.
Repair or replace damaged cords.

Polarized Plugs

Polarized plugs (one blade is wider than the other) are used on equipment to reduce the risk of electric shock. When provided, this plug will fit into a polarized outlet only one way. If the plug does not fit fully into your outlet, reverse the plug. If it still does not fit, contact a qualified electrician to install the proper outlet. Do not change the plug in any way.



- | | |
|-------------|---------------------------------------|
| 5070 | 3/8" Hammerdrill (0-2500) |
| 5072 | 1/2" Hammerdrill (0-1400/3100) |
| 5075 | 1/2" Hammerdrill (0-1200/2800) |

Safety Instructions For All Tools

- **KEEP WORK AREA CLEAN.** Cluttered areas and benches invite injuries.
- **CONSIDER WORK AREA ENVIRONMENT.** Don't expose power tools to rain. Don't use power tools in damp or wet locations. Keep work area well lit. Do not use tool in presence of flammable liquids or gases.
- **GUARD AGAINST ELECTRIC SHOCK.** Prevent body contact with grounded surfaces. For example; pipes, radiators, ranges, and refrigerator enclosures.
- **KEEP CHILDREN AWAY.** Do not let visitors contact tool or extension cord. All visitors should be kept away from work area.
- **STORE IDLE TOOLS.** When not in use, tools should be stored in dry, and high or locked-up place — out of reach of children.
- **DON'T FORCE TOOL.** It will do the job better and safer at the rate for which it was intended.
- **USE RIGHT TOOL.** Don't force small tool or attachment to do the job of a heavy-duty tool. Don't use tool for purpose not intended.
- **DRESS PROPERLY.** Do not wear loose clothing or jewelry. They can be caught in moving parts. Rubber gloves and non-skid footwear are recommended when working outdoors. Wear protective hair covering to contain long hair.
- **USE SAFETY GLASSES.** Also use face or dust mask if operation is dusty.
- **DON'T ABUSE CORD.** Never carry tool by cord or yank it to disconnect from receptacle. Keep cord from heat, oil, and sharp edges.
- **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.
- **DON'T OVERREACH.** Keep proper footing and balance at all times.
- **MAINTAIN TOOLS WITH CARE.** Keep tools sharp and clean for better and safer performance. Follow instructions for lubricating and changing accessories. Inspect tool cords periodically and if damaged, have repaired by authorized service facility. Inspect extension cords periodically and replace if damaged. Keep handles dry, clean, and free from oil and grease.
- **DISCONNECT OR LOCK OFF TOOLS** when not in use, before servicing, and when changing accessories, such as blades, bits, cutters.
- **REMOVE ADJUSTING KEYS AND WRENCHES.** Form habit of checking to see that keys and adjusting wrenches are removed from tool before turning it on.

- **AVOID UNINTENTIONAL STARTING.** Don't carry tool with finger on switch. Be sure switch is off when plugging in.

- **EXTENSION CORDS.** Make sure your extension cord is in good condition. When using an extension cord, be sure to use one heavy enough to carry the current your product will draw. An undersized cord will cause a drop in line voltage resulting in loss of power and overheating. The following table shows the correct size to use depending on cord length and nameplate ampere rating. If in doubt, use the next heavier gage. The smaller the gage number, the heavier the cord.

Minimum Gage for Cord Sets			
Volts	Total Length of Cord in Feet	AWG	
120V	0-25	26-50	101-150
240V	0-50	51-100	101-200
			201-300

- **OUTDOOR USE EXTENSION CORDS.** When tool is used outdoors, use only extension cords intended for use outdoors and so marked.
- **STAY ALERT.** Watch what you are doing. Use common sense. Do not operate tool when you are tired.
- **CHECK DAMAGED PARTS.** Before further use of the tool, a guard or other part that is damaged should be carefully checked to determine 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 by an authorized service center unless otherwise indicated elsewhere in this instruction manual. Have defective switches replaced by authorized service center. Do not use tool if switch does not turn it on and off.

SAVE THESE INSTRUCTIONS

Additional Safety Instructions for Hammerdrills

- **CAUTION:** When drilling into walls, floors or wherever live electrical wires may be encountered, DO NOT TOUCH ANY METAL PARTS OF THE TOOL! Hold the tool only by insulated grasping surfaces to prevent electric shock if you drill into a live wire.
- The switch lock feature must be used with caution due to the high torque output of these units.
- Do not attempt to change speeds while tool is running (5072 only).
- Do not attempt to change from hammer to drill mode while tool is running.
- **WEAR EAR PROTECTORS WHEN USING FOR EXTENDED PERIODS.**

Motor

Your B&D tool is powered by a B&D built motor. Be sure your power supply agrees with the nameplate marking. Voltage decrease of more than 10% will cause loss of power and overheating. All B&D tools are factory tested; if this tool does not operate, check the power supply.

Switch

To start tool, depress trigger switch; to stop tool, release trigger. To lock trigger in "ON" position for continuous operation, depress trigger and push up locking button (Figure 1), then gently release trigger. To release locking mechanism, depress trigger fully, then release it. Before using the tool (each time) be sure that the locking button release mechanism is working freely.

Do not lock the switch "ON" when drilling by hand so that you can instantly release the trigger switch if the bit binds in the hole. The locking button is for use only when the drill is mounted in a drill press stand or otherwise held stationary.

Be sure to release the locking button before disconnecting the plug from the power supply. Failure to do so will cause the tool to start immediately the next time it is plugged in. Damage or injury could result.

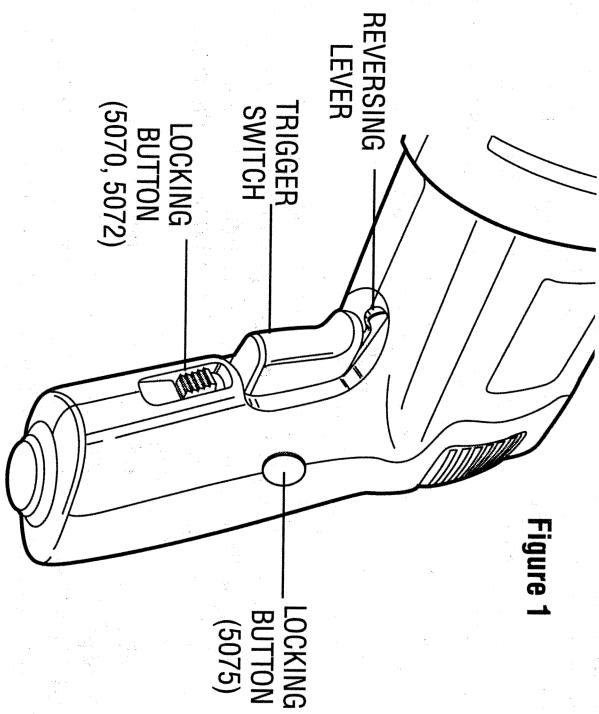


Figure 1

The variable speed trigger switch permits speed control – the farther the trigger is depressed, the higher the speed of the tool. **NOTE:** Use lower speeds for starting holes without a center punch, drilling in metal or plastics, driving screws or drilling ceramics. Higher speeds are better for drilling wood and composition boards, and for using abrasive and polishing accessories.

The reversing lever is used when backing out screws and jammed drill bits. To operate the tool in reverse, release the trigger switch and push the lever to the left (when viewed from the chuck end). To operate the drill in forward for drilling holes or driving screws (as well as other accessories) release the trigger switch and push the lever to the right (when viewed from the chuck end.) Return the reversing lever to the forward position after all operations in reverse are completed.

Figure 2

Gear Shift Operation (5072, 5075 Only)

The two speed gear drive in the dual range hammer drill permits effective operation over an extended range of applications with greater selection of accessories. To select proper speed for a particular job, refer to the instruction label on the underside of the gear case.

For HIGH SPEED operation the shift knob (Figure 2) should be rotated so that position "1" symbol is oriented toward the front of the tool (see Figure 3 for 5075).

For HIGH SPEED operation, the shift knob should be rotated so that position "1" is oriented toward the front of the tool (5072). Position "2" should be oriented toward the front of the tool for 5075 (see Figure 3).

NOTE: The instruction label on the bottom of the unit is to help the user in determining what speed is best for a specific application.

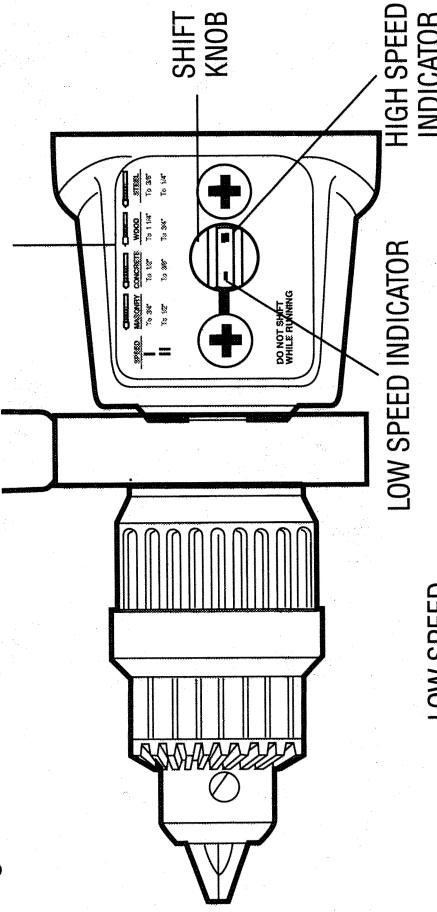
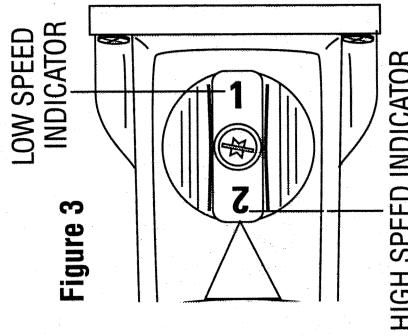
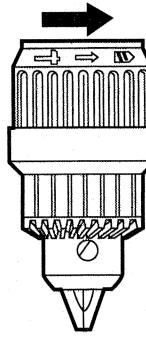
The gear train has been designed for shifting only when the unit is off. It may be necessary however, to rotate the chuck slightly by hand to align the gears while turning the shift knob. DO NOT ATTEMPT TO CHANGE SPEEDS by turning the shift knob when the tool is running. Doing so will damage the gear train.

Shift Collar Operation

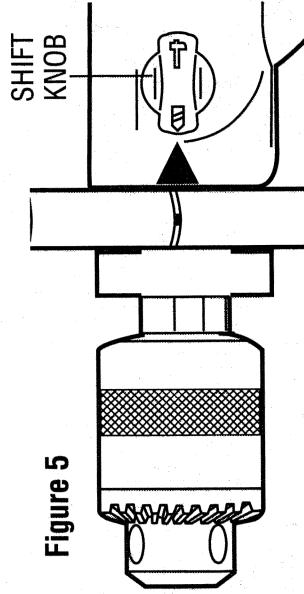
TO HAMMER (5070, 5072) — Turn collar in direction of arrow shown in Figure 4 while pulling out toward end of chuck. Turn collar until hammer symbol appears at the top of the tool. For 5075, turn knob shift knob to hammer symbol (see Figure 5). This is the position to be used with percussion type carbide-tipped bits for drilling in tile, masonry, brick, porcelain, etc.

TO DRILL — Turn collar or knob in direction of arrow until drill bit symbol appears at the top of the tool. This position is for drilling metal with drill bits, in wood with augers or when using hole saws for cutting wood, metal or composition materials.

3

INSTRUCTION LABEL**Figure 3****Figure 4**

TURN COLLAR ONLY WHEN
CHUCK IS NOT ROTATING,
AND ONLY IN DIRECTION OF
ARROW.

Figure 5

Multi-Position Side Handle & Depth Rod

This handle clamps to the front of the gear case and can be rotated 360 degrees to permit right or left hand use, as shown in Figure 6.

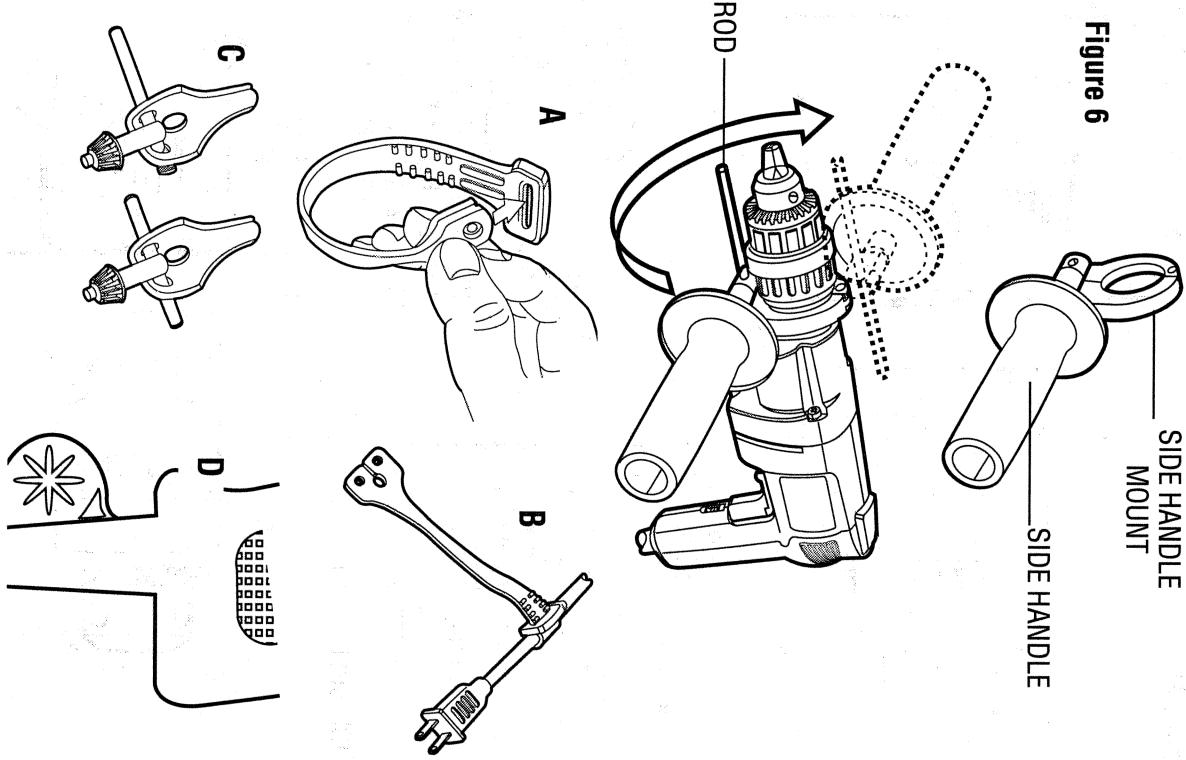
CAUTION: Always use side handle and hold drill with both hands.

To set the depth rod, loosen side handle, position the rod so that the length of bit projecting beyond the end of the rod is equal to the desired hole depth, and retighten handle.

Chuck Key

INSTALL AS SHOWN

1. Push double-hole end of holder through the slot in other end of holder (Figure A.)
2. Slip loop over electric plug and draw loop tight around cord (Figure B.)
3. Push ends of chuck key handle through two holes in end of holder (Figure C.)
4. (5075) Push key through attached holder on cord (Figure D).



Accessories

Recommended accessories for use with your tool are available at extra cost from your distributor or local service center.

CAUTION: The use of any non-recommended accessory may be hazardous.

If you need assistance in locating any accessory call **1-800-9-BD TOOL**: (1-800-923-8665) or contact Black & Decker (U.S.) Inc., Consumer Services Department, 626 Hanover Pike, P.O. Box 618, Hampstead, MD 21074.

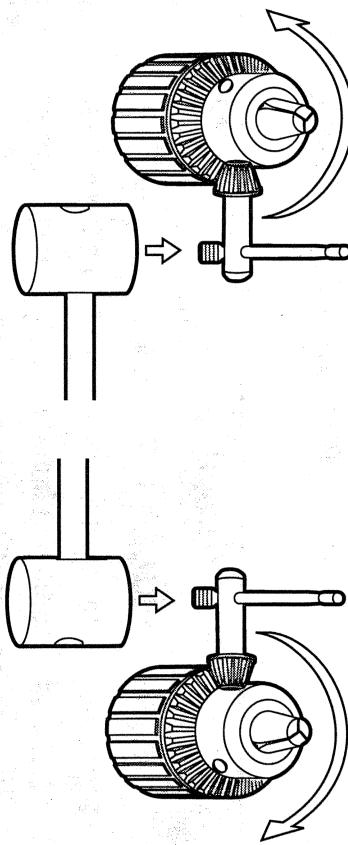


Figure 7

Figure 8

Chuck Removal

Place chuck key in any one of the three holes in the chuck, as shown in Figure 7. Strike the key sharply in the clockwise direction (when viewed from the front of the tool). This will loosen the chuck so that it can be removed by hand.

Open chuck jaws fully. Insert screwdriver into front of chuck between jaws to engage screw head. Remove screw by turning clockwise (left-hand thread).

Place key in chuck as shown in Figure 8. Using a wooden mallet or similar object, strike key sharply in a counterclockwise direction. This will loosen chuck so that it can be unscrewed by hand.

Chuck Installation

Screw the chuck on by hand as far as it will go. Place the chuck key in any of the three holes in the chuck and strike it sharply in the clockwise direction (when viewed from the front of the tool) as shown in Figure 7.

Maximum Recommended Capacities

CATALOG NO.	5070	5072	5072	5075	5075
CHUCK CAPACITY	3/8"	1/2"	1/2"	1/2"	1/2"
R.P.M.	0-2500	0-1400	0-3100	0-1200	0-2800
MASONRY(brick/block)	1/2"	3/4"	1/2"	3/4"	1/2"
CONCRETE	3/8"	1/2"	3/8"	1/2"	3/8"
STEEL	1/4"	3/8"	1/4"	3/8"	1/4"
WOOD	3/4"	1-1/4"	3/4"	1-1/4"	3/4"

ACCESSORY MUST BE RATED FOR USE AT SPEED EQUAL TO OR HIGHER THAN NAMEPLATE R.P.M. OF TOOL WITH WHICH IT IS BEING USED.

WIRE WHEEL BRUSHES	4" Diameter Maximum
WIRE CUP BRUSHES	3" Diameter Maximum
BUFFING WHEELS	3" Diameter Maximum
RUBBER BACKING PADS	4-5/8" Diameter Maximum

IMPORTANT!

To assure product safety and reliability, particularly for double insulated tools, repairs, maintenance and adjustment (excluding maintenance described in this manual) should be performed by B&D service centers or authorized service centers, using identical B&D replacement parts.

Every B&D tool is of the highest quality.
If you wish to contact us regarding this product, please call toll free between 8:00AM and 8:00PM ET, seven days a week.

1-800-9-BD TOOL
(1-800-923-8665)

One Year Free Maintenance

All B&D tools for Industry and Construction are covered under a one year free maintenance program where B&D will inspect your tool for safety and provide necessary maintenance or repairs, including normal wear and tear parts, for one year, FREE OF CHARGE.

Full Warranty

All B&D tools for Industry and Construction are warranted to be free of any defects in materials or workmanship. Upon thorough examination of tool, B&D will repair or replace, at our option, any product that is determined to be defective.

Conditions

The service/safety check and the warranty do not apply to: repairs made or attempted by anyone other than an authorized B&D service location; misuse, abuse, neglect, improper application of the tool; missing parts; or normal wear and tear (after first year of ownership). Please return the complete unit, transportation prepaid, to any B&D factory owned or B&D authorized service center location (list provided with tool or see Yellow Pages under "Tools Electric").

YOUR POWER TOOLS MAY BE SERVICED AT THE FOLLOWING B&D SERVICE CENTERS.

ALABAMA:	Birmingham 35209, 2412 Green Springs Hwy.....	205-942-0538
	Mobile 3608, 3831 Airport Blvd.....	205-343-6624
ALASKA:	Anchorage 99518, 910 West International Airport Rd.	907-563-4664
ARIZONA:	Mesa 85202, 535 S. Dobson, Suite 7.....	602-461-1074
	Phoenix 85085, 4501 N. 7th Avenue.....	602-279-6414
	Tucson 85712, 4845 E. Tucson Way Blvd.....	602-323-3388
ARKANSAS:	Little Rock 72201, 519 W. Seventh St.....	501-372-3040
CALIFORNIA:	Anaheim 92806, 540 South State College Blvd.....	714-772-4050
	Chula Vista 91910, 309 Broadway.....	619-420-6350
	Concord 94520, 1500 Monument Blvd., #C2.....	510-582-4880
	Fresno 93710, 5412 North Blackstone Ave.....	209-435-0810
	Long Beach 90805, 20111 South St.	310-422-5825
	Los Angeles 90040, 4820 South Eastern Ave., Suite "L".....	213-720-1834
	Riverside 92506, 6215 Magnolia Ave., Suite "B".....	909-787-9700
	Sacramento 95825, 2033 Fulton Ave.	916-972-9030
	San Diego 92123, 9270 Clairemont Mesa Blvd.	619-279-2011
	San Jose 95128, 1185 So. Bascom Ave.....	408-293-7350
	San Leandro 94578, 15206 E. 14th St.	510-276-1610
	Tampa 91411, 14920 Victory Blvd.	818-787-5531
COLORADO:	Denver 80219, 1171 S. Federal Blvd.	303-922-8325
CONNECTICUT:	Orange 06477, 481 Boston Post Rd.	203-795-3583
	Wethersfield (Hartford) 06109, 662 Silas Dean Hwy.	203-563-5800
DISTRICT OF COLUMBIA:	Washington Colmar Manor 20722, 4153 Bladensburg Rd.	301-779-3808
	Falls Church, VA 22046, 344 W. Broad St.	703-533-7313
FLORIDA:	Ft. Lauderdale 33334, 799 E. Oakland Pk. Blvd.	305-566-5102
	Ft. Myers 33907, 5224 Bank Street	813-278-1188
	Jacksonville 32205, 920 Cassat Ave.	904-781-2253
	Miami (North) 33168, 1345 N.W. Seventh Ave.	305-881-6638
	Orlando 32803, 3807 E. Colonial Dr.	407-394-7011
	St. Petersburg 33709, 5635 49th St., N.	813-925-0273
	Tampa 33609, 3432 W. Kennedy Blvd.	813-372-8317
	West Palm Beach 33415, 310 South Military Trail	407-589-3247
GEORGIA:	Atlanta (South) 30349, 5330 Old National Hwy.	404-762-8844
	Smyrna 30080, 2550 Cobb Pkwy.	404-566-0869
	Stone Mountain (Atlanta) 30086, 5723 Memorial Dr.	404-292-4714
HAWAII:	Honolulu 96819, 330 Sand Island Access Road	808-847-7447
ILLINOIS:	Des Plaines (Chicago) 60018, 1277 South Elmhurst Rd.	708-364-5220
	Lincolnwood (Chicago) 60646, 6710 N. Crawford Ave.	708-673-0923
	Lisle (West Chicago) 60532, 2550 Ogden Ave., Unit H	708-717-1075
	Moline 61265, 4433 23rd Ave.	309-762-3000
	Oak Lawn (Chicago) 60453, 6543 W. 95th St.	708-423-7212
	Waukegan 60085, 99 S. Greenbay Rd.	708-249-4380
INDIANA:	Evansville 47710, 307 First Ave., Crescent Cr.	812-425-4269
	Hammond 46323, 7103 Kennedy Ave.	219-845-5100
	Indianaopolis 46224, 5999 Crawfordville Rd.	317-243-8308
OHIO (CONT'D)	Parmá Heights (Cleveland) 44130, 6483 Pearl Road.	515-270-1340
	Toledo 43607, 3231 Dorr St.	419-531-8921
KANSAS:	Wichita 67213, 155 S. West St.	316-942-1271
KENTUCKY:	Louisville 40213, 5211 Preston Hwy.	502-968-7100
LOUISIANA:	Baton Rouge 70815, 11859 Florida Blvd.	504-272-8111
	Harvey 70058, 2500 Lapacho Blvd.	504-836-8676
	Metairie (New Orleans) 70022, 3504 N. Causeway Blvd.	504-837-2550
	Shreveport 71108, 7710-7714 Jewella Rd.	318-688-1553
MARYLAND:	Baltimore (East) 21205, 4712 Erdman Ave.	410-485-5550
	Baltimore (North) 21030, 29-31 Cranbrook Rd., Cockeysville	410-666-5966
	Baltimore (South) 21122, 820 Ritchie Hwy., Pasadena	410-642-7771
	Colmar Manor 20722, 4153 Bladensburg Rd.	301-779-3808
MASSACHUSETTS:	Brighton (Boston) 02135, 12 Market St.	617-782-6264
	Seekonk 02771, 120 Highland Ave.	508-336-6510
MICHIGAN:	Grand Rapids 49512, 3040 28th St., S.E.	616-949-8331
	Lansing 48917, 3205 W. Saginaw Hwy.	517-323-4181
	Warren 48093, 27035 Van Dyke Blvd.	313-756-6711
MINNESOTA:	Bloomington (Minneapolis-St. Paul) 55420, 9517 Lyndale Ave., S.	612-884-9191
MISSOURI:	Kansas City 64111, 4324 Main St.	816-531-0629
	St. Ann (North St. Louis) 63074, 3657 North Lindbergh Blvd.	314-739-4661
	St. Louis 63131, 12852 Manchester Rd.	314-821-8740
NEBRASKA:	Omaha 68127, 4225 S. 84th St.	402-552-5666
NEVADA:	Las Vegas 89104, 3411 East Charleston Blvd.	702-641-6555
NEW JERSEY:	Cherry Hill 08034, 1444 E. Marlton Pike/Rte. 70	609-429-2822
	Little Falls 07424, 1189 U.S. Highway 46.	201-256-9373
	(Union Scotch Plains) 07076, 2520 Route #22 East	908-233-5635
NEW MEXICO:	Albuquerque 87110, 5617 Menaul Blvd., N.E.	505-884-1002
NEW YORK:	Buffalo 14209, 881 W. Delavan Ave.	716-884-6220
	Centerreach L.I. 11720, 2061-63 Middle Country Rd.	716-374-1779
	Elmhurst (New York) 11373, 77-20 Queens Blvd.	718-335-1042
	Latham (Albany) 12110, 836 Troy-Schenectady Rd.	518-785-1867
	Rochester 14623, 2869 W. Henrietta Rd.	716-424-1310
	Syracuse 13214, 3485 Erie Blvd., East	315-446-3086
	Westbury L.I. (New York) 11590, 1061 Old Country Rd.	516-997-6140
NORTH CAROLINA:	Charlotte 28205, 3007 E. Independence Blvd.	704-374-1779
	Greensboro 27407, 3716 High Point Rd.	910-952-1300
	Raleigh 27604, 2930 Capital Blvd.	919-878-0357
OHIO:	Cincinnati 45241, 2310 E. Sharon Rd.	513-772-3111
	Dayton 45409, 2898 S. Dixie Dr.	614-237-0461
	Mayfield Heights (East Cleveland) 44124, 5881 Mayfield Rd.	513-298-1951
OKLAHOMA:	Oklahoma City 73106, 1318 Linwood Blvd.	918-622-5666
	Tulsa 74145, 3120 S. Sheridan Rd.	503-228-8631
OREGON:	Portland 97209, 1640 N.W. Johnson St.	405-232-7515
PENNSYLVANIA:	Evans City 16033, 20808 Rt. 19 North	412-779-9600
	Harrisburg 17112, 6080 Allentown Blvd.	717-545-0651
	Lancaster 17061, 118 Keller Ave.	717-393-5551
	Philadelphia 19103, 333 N. 20th St.	215-564-5520
	Pittsburgh 15223, 5437 Baum Blvd.	412-362-2700
	Whitehall (Allentown) 18052, 2242 MacArthur Rd.	610-435-9544
	Wilkes-Barre 18702, 759 Kidder Street	717-824-5704
PURER RICO:	Puerto Nuevo	809-783-3535
RHODE ISLAND:	See Seekonk, MA	
SOUTH CAROLINA:	Greenville 29607, 1557 Laurens Rd.	803-232-3038
TEXAS:	Chattanooga 37421, 6231 Perimeter Drive, Space E.	615-894-5957
	Knoxville 37917, 4118 N. Broadway, ...	615-688-0921
	Memphis 38116, 3008 West 6th St.	901-332-3444
	Nashville 37211, 4811 Nolensville Rd.	615-833-8277
UTAH:	Amarillo 78757, 6549 Burnett Rd.	806-373-1531
	Dallas 75228, 2257 Royal Ln.	512-459-1133
	Fort Worth 76111, 721 North Beach St.	214-620-6656
	Garland 75043, 718 W. Centerline Rd.	817-831-3828
	Houston 77022, 536 E. Tidwell Rd.	214-686-9302
	San Antonio 78702, 9319 Stella Link Blvd.	713-692-7111
	Webster 77598, 100 East NASA Rd. One	210-732-1221
UTAH:	Salt Lake City 84115, 1541 S. Third West St.	801-486-5828
VIRGINIA:	Falls Church 22046, 344 W. Broad St.	703-533-7313
	Hampton 23666, 3416 W. Mercury Blvd.	804-826-9382
	Norfolk 23513, 7631 Sewells Point Rd.	804-480-3333
	Richmond 23222, 1424 Chamberlayne Ave.	804-649-9245
WASHINGTON:	Seattle 98108, 421 S. Michigan St.	206-763-2010
	Spokane 99208, N. 7011 Division St.	509-467-8190
	Tacoma 98409, 2602 S. 38th St.	206-473-6040
WEST VIRGINIA:	Charleston 25312, 1638 Sixth Ave.	304-343-0289
WISCONSIN:	Milwaukee (Wauwatosa) 53226, 10424 West Bluemound Rd.	414-453-4240

ALBERTA

Edmonton T6E 6H6, 3845 99th St. 403-462-5005

BRITISH COLUMBIA

Vancouver V5M 3Y7, 1735 Boundary Rd. 604-291-9942

MANITOBA

Winnipeg R3H 0K3, 934 St. James St. 204-783-7294

NOVA SCOTIA

Halifax B3K 2A4, 6100 Young Street 902-453-5090

ONTARIO

Brockville K6V 5W6, 100 Central Ave. 613-342-6641
Kanata K2L 1V3, 462 Hazeldean Rd #11. 613-831-2332
Glencairn Plaza
London N6E 3A9, 981 Wellington Rd #6 519-649-2407
Markham L3P 3J3, 9275 Hwy 48 Unit 12/13 905-472-6168
Mississauga L4X 1L3, 1480 Dundas St. E #7 905-277-0011
North York M3J 3G5, 48 Kodiak Cres 416-635-6740

QUEBEC

Brossard J4W 1M6, 5840 Boul Taschereau 514-462-4881
Montreal H1Y 1B4, 3061 Belanger 514-722-1021

**FOR ADDITIONAL SERVICE LOCATIONS
CALL: 1-800-9- BD TOOL**

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