

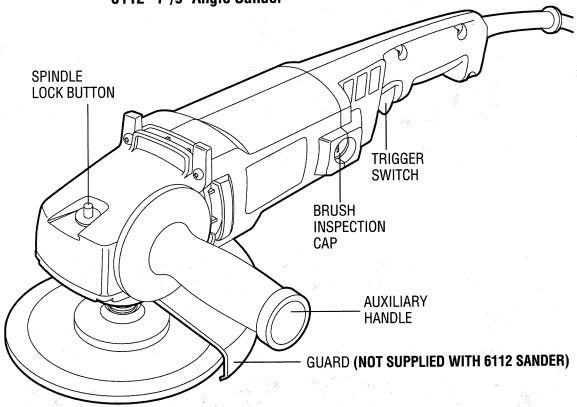
Instruction Manual 4255 7" Angle Grinder 6112 7"/9" Angle Sander

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. Don't forget to send in your owner's registration card. If you have any questions about your tool please call:

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

4255 7" Angle Grinder 6112 7"/9" Angle Sander



FOR YOUR SAFETY - ALL TOOLS

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 the 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.

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.

		Minii	mum Gag	e for Cord Si	ets	
Vol	ts		Total Lo	ength of Cord	in Feet	
120)V		0-25	26-50	51-100	101-150
240	١V		0-50	51-100	101-200	201-300
Am	pere	Rating				
Mo	re	Not more		AWG		
Tha	ın	Than				
0	-	6	18	16	16	14
6	-	10	18	16	14	12
10	-	12	16	16	14	12
12	-	16	14	12	Not Recor	nmended

- 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.

ADDITIONAL SAFETY INSTRUCTIONS

Additional Safety Instructions for Grinders

- ALWAYS WEAR EYE PROTECTION.
- KEEP GUARDS IN PLACE.
- Use only grinding wheels having a maximum operating speed at least high as "No Load RPM" marked on the tool's nameplate.
- Before using, inspect recommended accessory for cracks or flaws. If such a
 crack or flaw is evident, discard the accessory. The accessory should also
 be inspected whenever you think the tool may have been dropped.
- When starting the tool (with a new or replacement wheel installed) hold the
 tool in a well protected area and let it run for one minute. If the wheel has an
 undetected crack or flaw, it should burst in less than one minute. Never start
 the tool with a person in line with the wheel. This includes the operator.
- In operation, avoid bouncing the wheel or giving it rough treatment. If this
 occurs, stop the tool and inspect the wheel.
- ALWAYS USE GUARDS with depressed center wheels or flaring cup grinding wheels.
- Clean your tool out periodically.
- CAUTION: Some wood contains preservatives such as copper chromium arsenate (CCA) which can be toxic. When sanding these materials extra care should be taken to avoid inhalation and minimize skin contact.

SAVE THESE INSTRUCTIONS

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.

TOOL OPERATION

Switch

To start the tool, squeeze the trigger switch shown in Figure 1. To turn the tool off, release the switch. The tool can be locked on for continuous use by holding the trigger switch depressed while you depress the switch locking button next to the trigger, shown in Figure 1. Hold the locking button in as you gently release the trigger. Release the locking button and the tool will continue to run. To turn the tool off from a locked on condition, squeeze and release the trigger once.

Auxiliary Handle

An auxiliary handle is provided with your tool for convenience. The handle can be screwed into either side of the gear case, shown in Figure 2, and should be used at all times when sanding or grinding.

Figure 1

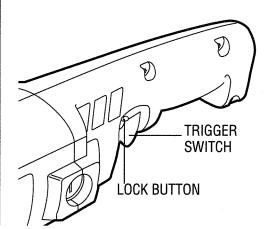
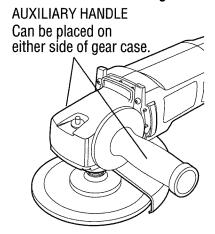


Figure 2



Spindle Lock Button

Turn off and unplug tool. In order to prevent the spindle of the unit from rotating while installing or removing accessories, a spindle lock button has been provided in the gear head of the machine. Depress spindle lock button and rotate the spindle until the lock pin engages to lock the spindle.

NEVER DEPRESS THE SPINDLE LOCK BUTTON WITH THE TOOL RUNNING OR COASTING.

Sanding With Abrasive Discs (Figure 3)

To install sanding discs:

- 1. TURN OFF TOOL AND DISCONNECT FROM POWER SUPPLY.
- 2. Push the hub of the disc nut through the center of the sanding disc, as far as it will go, and also through the backing disc.
- 3. Put the assembled discs on the tool spindle and engage the disc nut into the disc nut hub.
- 4. Thread the assembly clockwise, completely down on the spindle.
- 5. Engage the lock button to lock the spindle in place.

When using a sanding disc, hold the tool at an angle of 10°-15° to the work. If only the outer edge of the sanding disc is used, a rough cut surface will result. If the sanding disc is pressed flat against the work, the surface will be irregular and bumpy, and the tool will be difficult to control.

To remove disc:

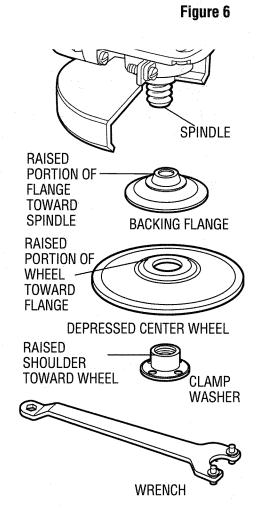
- 1. Engage spindle lock button to lock the spindle in place.
- 2. Using a cloth or glove to protect your hand, turn disc assembly counter-clockwise to remove it from the tool spindle. (Figure 4)

Figure 3 **SPINDLE DISC NUT HUB BACKING DISC** Figure 4 SANDING DISC DISC NUT

Figure 5 **WRONG WRONG RIGHT**

When grinding, leave 30° between the wheel and the work as shown above.

When sanding, leave 10°-15° between the wheel and the work.



Depressed-Center Wheels

Depressed center wheels may be used for moderate metal removal on flat or contoured surfaces. **CAUTION**: Never use depressed center wheels without the proper guard.

To install depressed center wheels: (See Figure 6)

- 1. TURN OFF TOOL AND DISCONNECT FROM POWER SUPPLY.
- 2. Be sure the guard assembly is securely attached to the spindle housing. Position guard so that the open part of the guard is facing away from the operator.
- 3. Put the backing flange onto the tool spindle.
- 4. Check rated speed on depressed center wheel. Never use wheel with rated speed lower than the speed in the "WARNING" statement on the nameplate of the tool.
- 5. Place the depressed center wheel on the tool spindle.
- 6. Thread the clamp washer on tool spindle, hold the tool spindle by engaging the lock button, and tighten clamp washer with wrench.

When using a depressed center wheel, hold the tool so that an angle of approximately 30° exists between the wheel and the work. (See Figure 5)

Wire Brushing

Common applications for wire cup brushes include cleaning welds, angles, corners and removal of paint.

- 1. Disconnect tool from power source. Rest grinder on its back with spindle facing up.
- 2. Ensure that the rated speed of the wire brush is equal to or higher than the rated speed of the grinder found on the nameplate.

- 3. Thread wire cup brush onto spindle and tighten.
- 4. Always wear eye protection and appropriate protective clothing.

Precautions To Take When Sanding Paint

- Sanding of lead based paint is NOT RECOMMENDED due to the difficulty of controlling the contaminated dust. The greatest danger of lead poisoning is to children and pregnant women.
- Since it is difficult to identify whether or not a paint contains lead without a chemical analysis, we recommend the following precautions when sanding any paint:

PERSONAL SAFETY

- a. No children or pregnant women should enter the work area where the paint sanding is being done until all clean up is completed.
- b. A dust mask or respirator should be worn by all persons entering the work area. The filter should be replaced daily or whenever the wearer has difficulty breathing.
 - **NOTE:** Only those dust masks suitable for working with lead paint dust and fumes should be used. Ordinary painting masks do not offer this protection. See your local hardware dealer for the proper N.I.O.S.H. approved mask.
- c. NO EATING, DRINKING or SMOKING should be done in the work area to prevent ingesting contaminated paint particles. Workers should wash and clean up BEFORE eating, drinking or smoking. Articles of food, drink, or smoking should not be left in the work area where dust would settle on them.

ENVIRONMENTAL SAFETY

- a. Paint should be removed in such a manner as to minimize the amount of dust generated.
- b. Areas where paint removal is occurring should be sealed with plastic sheeting of 4 mils thickness.
- c. Sanding should be done in a manner to reduce tracking of paint dust outside the work area.

CLEANING AND DISPOSAL

- a. All surfaces in the work area should be vacuumed and thoroughly cleaned daily for the duration of the sanding project. Vacuum filter bags should be changed frequently.
- b. Plastic drop cloths should be gathered up and disposed of along with any dust chips or other removal debris. They should be placed in sealed refuse receptacles and disposed of through regular trash pick-up procedures.
 - During clean up, children and pregnant women should be kept away from the immediate work area.
- c. All toys, washable furniture and utensils used by children should be washed thoroughly before being used again.

MAINTENANCE

Cleaning

Blowing dust and grit out of the motor housing using compressed air is a necessary regular maintenance procedure. Dust and grit containing metal particles often accumulate on interior surfaces and could create an electrical shock hazard if not frequently cleaned out. ALWAYS WEAR SAFETY GLASSES.

CAUTION: Never use solvents or other harsh chemicals for cleaning the non-metallic parts of the tool. Use clean, dry rag only.

Lubrication

B&D tools are properly lubricated at the factory and are ready for use. Tools should be relubricated regularly every sixty days to six months, depending on usage. (Tools used constantly on production or heavy-duty jobs and tools exposed to heat may require more frequent lubrication.) This lubrication should only be attempted by trained power tool repairpersons, such as those at B&D service centers or in other qualified service organizations.

Motor Brushes

Be sure tool is turned off and disconnected before inspecting brushes. Carbon brushes should be regularly inspected for wear. To inspect brushes, unscrew the plastic brush inspection caps (located in the sides of the motor housing) and the spring and brush assemblies may be withdrawn from the tool.

Keep brushes clean and sliding freely in their guides. Carbon brushes have varying symbols stamped into them, and if the brush is worn down to the line closest to the spring, they must be replaced. New brush assemblies are available at B&D service centers.

ACCESSORIES

NOTE: Use accessories recommended per chart below:

Accessory Type	Notes	Usage
DEPRESSED CENTER WHEEL	Use guard supplied with tool	Use for moderate metal and masonry removal on flat or contoured surfaces
SANDING DISCS		Use for smoothing welds, and sharp edges, and automotive body work
WIRE CUP BRUSHES	Max – 4" Knotted Wheel Max – 2-3/4" Cup Wheel	Use for rust removal and surface preparation before painting

Depressed center grinding wheels must fit within the confines of the guard and must be rated higher than the recommended speed as marked on the name-plate.

CAUTION: Strands of wire cup brushes may break and fly off while in use. Users and others in the area should wear adequate eye, face and body protection. Use only wire cup brushes that are rated at or greater than the RPM shown on the tool's nameplate.

WARNING: To reduce the risk of injury, always use proper guards when grinding and wear eye protection.

CAUTION: The use of any non-recommended accessory may be hazardous. Recommended accessories for use with your tool are available at extra cost from your distributor or local service center. A complete listing of service centers is included with your tool.

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 service/safety check 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	
ALASKA:	. 200-040-002-
Anchorage 99518, 910 West International Airport Rd	907-563-466
ARIZONA:	. 007 000 400
Mesa 85202, 535 S. Dobson, Suite 7	602-461-107
Phoenix 85013, 4501 N. 7th Avenue	602-279-641
Tucson 85712, 4845 E. Speedway Blvd	. 602-323-338
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	. 510-682-4880
Fresno 93/10, 5412 North Blackstone Ave.	. 209-435-0810
Long Beach 90805, 2011 South St. Los Angeles 90040, 4820 South Eastern Ave., Suite "L"	. 310-422-582
Los Angeles 90040, 4820 South Eastern Ave., Suite "L"	. 213-720-1834
HIVERSIDE 92506, 6215 Madnolla Ave., Suite "B"	. 909-787-9700
Sacramento 95825, 2033 Fulton Ave.	. 916-972-9090
San Diego 92123, 9270 Clairemont Mesa Blvd	. 619-279-201
San Leandro 94578, 15206 E. 14th St	
Van Nuys 91411, 14920 Victory Blvd	
COLORADO:	. 010-707-333
Denver 80219, 1171 S. Federal Blvd	303-022-8324
CONNECTICUT:	. 000 022 0020
Orange 06477, 481 Boston Post Rd	203-795-3583
Wethersfield (Hartford) 06109, 662 Silas Dean Hwy	
DISTRICT OF COLUMBIA: Washington	
Colmar Manor 20722, 4153 Bladensburg Rd	. 301-779-3808
Falls Church, VA 22046, 344 W. Broad Št	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, 13345 N.W. Seventh Ave	. 305-681-6658
Miami (South) 33156, 12233 So. Dixie Hwy	. 305-232-9497
St. Petersburg 33709, 5635 49th St., N	. 407-894-7011
Tampa 33609, 3432 W. Kennedy Blvd.	
West Palm Beach 33415, 310 South Military Trail	407-680-3047
GEORGIA:	. 407-003-0247
Atlanta (South) 30349, 5330 Old National Hwy	404-762-8844
Smvrna 30080, 2550 Cobb Pkwv	404-956-0869
Smyrna 30080, 2550 Cobb Pkwy	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, 2950 Ogden Ave., Unit H	708-717-1075
Moline 61265, 4433 23rd Ave.	309-762-3000
Oak Lawn (Chicago) 60453, 6343 W. 95th St	708-423-7212
Waukegan 60085, 39 S. Greenbay Rd	708-249-4390
INDIANA:	
Evansville 47710, 307 First Ave., Crescent Ctr.	812-425-4269
Hammond 46323, 7103 Kennedy Ave	219-845-5100
Indianapolis 46224, 5999 Crawfordsville Rd	317-243-8308

IOWA:	
Des Moines 50310, 3427 Merle Hay Rd	. 515-270-134
KANSAS:	
Wichita 67213, 155 S. West St	. 316-943-127
KENTUCKY:	
Louisville 40213, 5211 Preston Hwy	. 502-968-710
LOUISIANA:	
Baton Rouge 70815, 11859 Florida Blvd	. 504-272-811
Harvey 70058, 2500 Lapalco Blvd	. 504-366-867
Metairie (New Orleans) 70002, 3504 N. Causeway Blvd	. 504-837-255
Shreveport 71108, 7710-7714 Jewella Rd	. 318-688-155
MARYLAND:	
Baltimore (East) 21205, 4712 Erdman Ave	. 410-485-555
Baltimore (North) 21030, 29-31 Cranbrook Rd., Cockeysville	. 410-666-596
Baltimore (South) 21122, 8220 Ritchie Hwy., Pasadena Colmar Manor 20722, 4153 Bladensburg Rd	. 410-647-845
MASSACHUSETTS:	. 301-779-300
Brighton (Boston) 02135, 12 Market St	617 700 606
Seekonk 02771, 120 Highland Ave.	. 017-702-020 508-336-651
MICHIGAN:	. 500-550-651
Grand Rapids 49512, 3040 28th St., S.E	616-040-833
Lansing 48917, 3203 W. Saginaw Hwy	. 517-323-418
Warren 48093, 27035 Van Dyke Blvd	. 313-756-671
Westland (Detroit) 48185, 8067 North Wayne Rd	
MINNESOTA:	
Bloomington (Minneapolis-St. Paul) 55420, 9517 Lyndale Ave., S.	. 612-884-919
MISSOURI:	
Kansas City 64111, 4324 Main St	. 816-531-062
St. Ann (North St. Louis) 63074, 3637 North Lindbergh Blvd	. 314-739-466
St. Louis 63131, 12852 Manchester Rd	. 314-821-874
NEBRASKA: Omaha 68127, 4225 S. 84th St	400 500 500
NEVADA:	. 402-592-566
Las Vegas 89104, 3411 East Charleston Blvd	700 641 655
NEW JERSEY:	. 702-041-000
Cherry Hill 08034, 1444 E. Marlton Pike/Rte. 70	600 420 202
Little Falls 07424, 1189 U.S. Highway 46.	201-256-037
Union (Scotch Plains) 07076, 2520 Route #22 East	908-233-566
NEW MEXICO:	
Albuquerque 87110, 5617 Menaul Blvd., N.E	505-884-100
NEW YORK:	
Buffalo 14209, 881 W. Delavan Ave	716-884-622
Centereach L.I. 11720, 2061-63 Middle Country Rd	. 516-737-470
Elmhurst (New York) 11373, 77-20 Queens Blvd	718-335-104
Latham (Albany) 12110, 836 Troy-Schenectady Rd	518-785-186
Rochester 14623, 2969 W. Henrietta Rd Syracuse 13214, 3485 Erie Blvd., East	716-424-131
Westbury L.I. (New York) 11590, 1061 Old Country Rd.	516 007 614
NORTH CAROLINA:	. 310-331-014
Charlotte 28205, 3007 E. Independence Blvd	704-374-177
Greensboro 27407, 3716 High Point Rd.	910-852-130
Raleigh 27604, 2930 Capital Blvd	919-878-035
OHIO:	
Cincinnati 45241, 2310 E. Sharon Rd	513-772-311
Columbus 43227, 3975 E. Livingston Ave	614-237-046
Dayton 45409, 2898 S. Dixie Dr	513-298-195
Mayfield Heights (Fast Claveland) 44124 5881 Mayfield Rd	216-440-277

OHIO (CONT'D)	
Parma Heights (Cleveland) 44130, 6483 Pearl Road	
DKLAHOMA:	
Oklahoma City 73106, 1318 Linwood Blvd	405-232-751
Tulsa 74145, 3120 S. Sheridan Rd	918-622-566
DREGON:	
Portland 97209, 1640 N.W. Johnson St	503-228-863
PENNSYLVANIA:	
Evans City 16033, 20808 Rt. 19 North	412-779-960
Harrisburg 17112, 6080 Allentown Blvd	
Lancaster 17601, 118 Keller Ave	
Philadelphia 19103, 333 N. 20th St	
Philadelphia (North) 19115, 9977-81 Bustleton Ave	
Pittsburgh 15232, 5437 Baum Blvd	412-362-270
Whitehall (Allentown) 18052, 2242 MacArthur Rd	
Wilkes-Barre 18702, 759 Kidder Street	717-824-570
PUERTO RICO:	
Puerto Nuevo	809-783-353
RHODE ISLAND:	
See Seekonk, MA	
SOUTH CAROLINA:	
Greenville 29607, 1557 Laurens Rd	803-232-303
ENNESSEE:	
Chattanooga 37421, 6231 Perimeter Drive, Space E	
Knoxville 37917, 4118 N. Broadway	
Memphis 38116, 1085 East Brooks Rd	
Nashville 37211, 4811 Nolensville Rd	615-833-827
EXAS:	
Amarillo 79106, 3008 West 6th Ave	806-373-153
Austin 78757, 6549 Burnet Rd	512-459-113
Dallas 75229, 2257 Royal Ln	214-620-665
El Paso 79915, 6822 Gateway East	915-778-976
Fort Worth 76111, 721 North Beach St	
Garland 75043, 718 W. Centerville Rd	
Houston 77022, 536 E. Tidwell Rd	713-692-711
Houston (S.W.) 77025, 9319 Stella Link Blvd	713-664-366
San Antonio 78201, 500 Culebra Ave	
Webster 77598, 100 East Nasa Rd. One	713-338-455
ITAH:	
Salt Lake City 84115, 1541 S. Third West St	801-486-582
IRGINIA:	
Falls Church 22046, 344 W. Broad St	703-533-731
Hampton 23666, 3416 W. Mercury Blvd	804-826-938
Norfolk 23513, 7631 Sewells Point Rd	
Richmond 23222, 1424 Chamberlayne Ave	804-649-924
VASHINGTON:	
Seattle 98108, 421 S. Michigan St	
Spokane 99208, N. 7011 Division St	
Tacoma 98409, 2602 S. 38th St	206-473-604
VEST VIRGINIA:	
Charleston 25312, 1638 Sixth Ave	304-343-028
VISCONSIN:	
Milwaukee (Wauwatosa) 53226, 10424 West Bluemound Bd	414-453-424

ALBERTA Edmonton T6E 6H6, 3845 99th St
BRITISH COLUMBIA Vancouver V5M 3Y7, 1735 Boundary Rd 604-291-9942
MANITOBA Winnipeg R3H OK3, 934 St. James St 204-783-7294
NOVA SCOTIA Halifax B3K 2A4, 6100 Young Street
ONTARIO
ONTARIO Brockville K6V 5W6, 100 Central Ave
Brockville K6V 5W6, 100 Central Ave
Brockville K6V 5W6, 100 Central Ave
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FOR ADDITIONAL SERVICE LOCATIONS CALL: 1-800-9- BD TOOL

