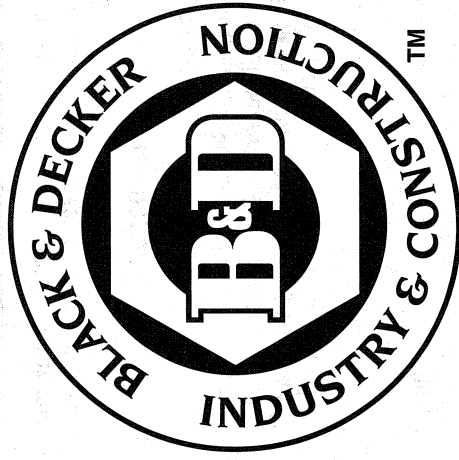




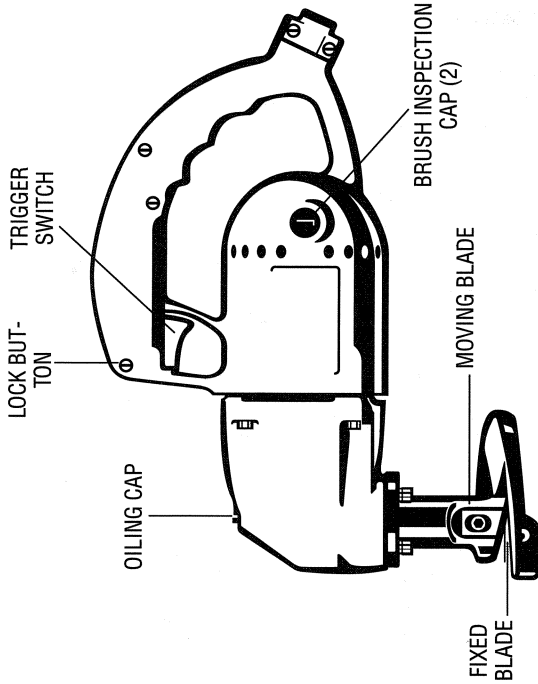
Instruction Manual

3210 12-Gauge Shear

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)



3210 12-Gauge Shear (2000 Strokes Per Minute)

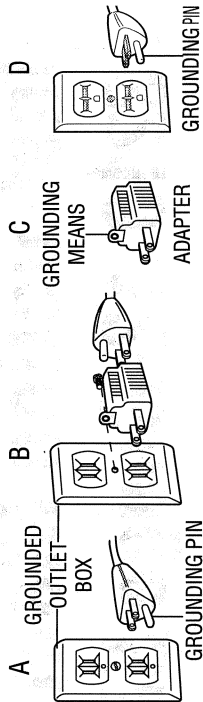
IMPORTANT SAFETY INSTRUCTIONS

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

Grounding Instructions

This tool should be grounded while in use to protect the operator from electric shock. The tool is equipped with a 3-conductor cord and 3-prong grounding type plug to fit the proper grounding type receptacle. The green (or green and yellow) conductor in the cord is the grounding wire. Never connect the green (or green and yellow) wire to a live terminal. If your unit is intended for use on less than 150 V, it has a plug that looks like that shown in sketch A. If it is for use on 150 to 250 V, it has a plug that looks like that shown in sketch B. An adapter, sketches B and C, is available for connecting sketch A type plugs to 2-prong receptacles. The green-colored rigid ear, lug, or the like, extending from the adapter must be connected to a permanent ground, such as a properly grounded outlet box. No adapter is available for a plug as shown in sketch D. ADAPTER SHOWN IN FIGURES B and C IS NOT FOR USE IN CANADA. Use only 3-wire extension cords that have 3-prong grounding-type plugs and 3-pole receptacles that accept the tool's plug. Replace or repair damaged cords.



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			
	0-25	26-50	51-100	101-150
120V				101-150
240V	0-50	51-100	101-200	201-300
Ampere Rating				
More Than		Not more Than		AWG
0	-	6	18	16
6	-	10	18	16
10	-	12	16	14
12	-	16	14	Not Recommended

- **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

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

Depress the trigger switch to turn the tool on. Releasing the trigger turns the tool off. To lock the trigger in the on position for continuous operation, depress the trigger, push in the lock button on the left side of the handle, and then release the trigger. To release the locking mechanism, depress trigger fully, then release it.

Operation

1. For accurate work, be sure material to be cut is anchored firmly.
2. Grasp tool and turn switch on.
3. WITHOUT LETTING BLADES ENGAGE THE MATERIAL, position tool so that the material rests on the top of the front edge of the shoe.
4. Line up tool with the cutting line and advance tool into the material. Use a firm forward pressure when cutting, but do not force the tool.

NOTE: If tool does not cut efficiently, check the following: dull blades, blades incorrectly set, material which exceeds the rated capacity of the tool.

Blade Adjustment

TURN OFF TOOL AND DISCONNECT FROM POWER SUPPLY BEFORE ADJUSTING BLADES.

HORIZONTAL CLEARANCE: The setting of the horizontal clearance between blades depends upon the capacity of the tool and the thickness of the material being cut. When cutting sheet steel, clearance should not be over .009". When cutting lighter material, the clearance should be reduced in proportion.

VERTICAL CLEARANCE: Position the moving blade at the top of its stroke. Adjust the vertical clearance so that the material to be cut can be inserted 1/2 way into the "V" shaped opening.

NOTE: After adjusting horizontal and vertical clearances, rotate fan manually to ensure that the blades do not interfere during any portion of the stroke.

Maintenance

Shears should be cleaned, inspected, and lubricated at a B&D certified service center every 2-6 months depending on usage.

Inspect carbon motor brushes frequently by unplugging tool, removing the brush inspection caps, and withdrawing the brush and spring assembly. Replace the assembly when the brushes are worn down to the line closest to the spring, or when spring exerts insufficient pressure to hold brush against commutator. Keep brushes clean and sliding freely in their guides.

An oiling cap is located at the top front of the tool. Each time before operating, and every 3 hours during operation, add 20 to 30 drops of SAE 20W or 30W oil to the tool by depressing the ball valve in the oiling cap.

Accessories

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

33088 Shear Blade Kit (blades and holding screws)

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

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 36608, 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	
	Tucson 85713, 4501 N. 7th Avenue	602-275-6414
ARKANSAS:	Fayetteville 72701, 4845 E. Speedway Blvd.	602-325-3366
	Little Rock 72201, 519 W. Seventh St.	501-372-3040
CALIFORNIA:	Anaheim 92806, 540 South State College Blvd.	714-775-4050
	Chula Vista 91910, 309 Broadway	619-420-6350
CONNECTICUT:	Concord 94520, 1500 Monument Blvd., #C2	510-682-4880
	Fresno 93710, 5412 North Blackstone Ave.	209-435-0810
FLORIDA:	Long Beach 90805, 2011 South St.	310-422-5825
	Los Angeles 90040, 4820 South Eastern Ave., Suite "L"	213-720-1834
GEORGIA:	Savannah 31406, 6215 Magnolia Ave., Suite "B"	904-977-9700
	San Diego 92123, 9270 Clairemont Mesa Blvd.	619-275-2011
HAWAII:	San Jose 95128, 1185 So. Bascom Ave.	408-293-7350
	San Leandro 94578, 15206 E. 14th St.	510-276-1610
ILLINOIS:	Van Nuys 91411, 14920 Victory Blvd.	818-787-5531
	Denver 80219, 1171 S. Federal Blvd.	303-922-8325
INDIANA:	Orange 06477, 481 Boston Post Rd.	203-795-3583
	Wethersfield (Hartford) 06109, 662 Silas Dean Hwy.	203-563-5800
MISSISSIPPI:	Colmar Manor 20722, 4153 Bladenburg Rd.	301-775-3808
	Chattanooga 37401, 344 W. Broad St.	703-535-7313
MISSOURI:	St. Louis 63101, 344 W. Broad St.	314-821-8740
	St. Ann (North St. Louis) 63074, 3637 North Lindbergh Blvd.	314-739-4661
NEBRASKA:	Omaha 68127, 4225 S. 84th St.	402-592-5666
	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 07643, 1189 U.S. Highway 46	908-236-5973
NEW MEXICO:	Albuquerque 87110, 5617 Menaul Blvd., N.E.	505-884-1002
	Buffalo 14209, 881 W. Delaware Ave.	716-884-9220
NEW YORK:	Centereach L.I. 11720, 2061-63 Middle Country Rd.	516-737-4706
	Elmhurst (New York) 11373, 77-20 Queens Blvd.	718-335-1042
NORTH CAROLINA:	Latham (Albany) 12110, 836 Troy-Schenectady Rd.	518-785-1867
	Manhattan (New York) 10010, 50 West 23rd St.	212-929-6450
OHIO:	Rochester 14623, 2869 W. Henrietta Rd.	716-424-1310
	Wykesville 13374, 3465 Erie Blvd., East	613-455-8666
PENNSYLVANIA:	Altoona 16801, 1561 Old Country Rd.	516-997-6140
	Charlotte 28205, 3007 E. Independence Blvd.	704-374-1779
RICHMOND:	Greensboro 27407, 3716 High Point Rd.	910-852-1307
	Raleigh 27604, 2830 Capital Blvd.	919-878-0357
TENNESSEE:	Cincinnati 45241, 2310 E. Sharon Rd.	513-772-3111
	Columbus 43227, 3975 E. Livingston Ave.	614-237-0461
TEXAS:	Dayton 45403, 2898 S. Dixie Dr.	513-298-1951
	Mayfield Heights (East Cleveland) 44124, 5881 Mayfield Rd.	216-449-2770
UTAH:	Salt Lake City 84115, 1541 S. Third West St.	801-486-5828
	Falls Church 22046, 344 W. Broad St.	703-535-7313
VIRGINIA:	Richmond 23222, 1424 Chamberlayne Ave.	804-649-9245
	Seattle 98108, 421 S. Michigan St.	206-763-2010
WASHINGTON:	Spokane 99208, N. 7011 Division St.	509-467-8190
	Tacoma 98409, 2602 S. 38th St.	206-473-6040
WEST VIRGINIA:	Charleston 25312, 638 Sixth Ave.	304-343-0289
	Wilmington 19801, 1000 N. Broad St.	610-438-9544
WISCONSIN:	Madison 53703, 1000 N. Monona Dr.	608-243-4390
	Waukegan (Wauwatosa) 53226, 10424 West Bluemound Rd.	414-453-4240

ALABAMA:	Des Moines 50310, 3427 Merle Hay Rd.	515-270-1340
	Wichita 67213, 155 S. West St.	316-943-1271
ALASKA:	Louisville 40213, 5211 Preston Hwy.	502-968-7100
ARIZONA:	Baton Rouge 70801, 11659 Florida Blvd.	504-272-8111
	Harvey 70058, 2050 Laplace Blvd.	504-365-6676
ARKANSAS:	Shreveport 71201, 3504 N. Causeway Blvd.	504-365-6676
	Shreveport 71201, 7717-7714 Jewella Rd.	318-688-1553
CALIFORNIA:	Baltimore (East) 21205, 4712 Erdman Ave.	410-485-5550
	Baltimore (North) 21203, 28-31 Cranbrook Rd., Cockeysville	410-666-5966
CONNECTICUT:	Baltimore (South) 21122, 8220 Ritchie Hwy., Pasadena	410-647-8456
	Colmar Manor 20722, 4153 Bladenburg Rd.	301-779-3808
FLORIDA:	Brighton (Boston) 02135, 12 Market St.	617-782-6264
	Seekonk 02771, 120 Highland Ave.	508-336-6510
GEORGIA:	Grand Rapids 49512, 3040 28th St., S.E.	616-949-8331
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WASHINGTON:	Grand Rapids 49512, 3040 28th St., S.E.	616-949-8331
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	Grand Rapids 49512, 3040 28th St., S.E.	616-949-8331
WISCONSIN:	Grand Rapids 49512, 3040 28th St., S.E.	616-949-8331
	Grand Rapids 49512, 3040 28th St., S.E.	616-949-8331

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

ALBERTA

Edmonton T5M1v1, 11440 142nd St..... 403-453-2373

BRITISH COLUMBIA

Vancouver V5M3Y7, 1735 Boundry Rd 604-291-9942

MANITOBA

Winnipeg R3H0K3, 934 St. James St. 204-783-7294

NOVA SCOTIA

Halifax B3K2A4, 6100 Young St..... 902-453-5090

ONTARIO

Brockville K6V5W6, 100 Central Ave. 613-342-6641

London N6E3A9, 981 Wellington Rd #6 519-649-2407

Mississauga L4X1L3, 1480 Dundas St.E#6 905-277-0011

North York M3J3H1, 48 Kodlak Cros..... 416-635-6740

QUÉBEC

Montréal H1Y1B4, 3061 Bélanger 514-722-1021

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

Black & Decker (U.S.) Inc. • 701 East Joppa Road, Towson, Maryland 21286

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