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19.2
Volts!

Cordless Drill



Instruction Manual

Item: 762412

Montgomery Ward Customer Service
3650 Milwaukee Street, Madison, WI 53714
8:00 am to Midnight, Monday through Friday

Wards.com 1-888-557-3848

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Thank you for your purchase!

Thank you for purchasing your Montgomery Ward Cordless Drill. Put through the paces by the experts, we guarantee that it will perform to the highest standard, time after time, with all the convenience and durability you rely on from Wards.

Table of Contents

Important Safeguards 3
 Electrical Safety4
 Specifications..... 4
 Parts & Features..... 5
 How to Use..... 6-11
 Maintenance & Storage..... 11
 Return Information12
 Warranty.....13

READ CAREFULLY BEFORE USING AND SAVE THESE INSTRUCTIONS!

- FOR HOUSEHOLD USE ONLY. DO NOT use this power tool for other than its intended use.
- REMOVE all packaging materials before first use. Please dispose of the packaging materials via the appropriate recycling system, in an environmentally friendly manner.
- ALWAYS use common sense and pay particular attention to all the WARNING and NOTICE statements of this manual. The safety instructions provided are not intended to cover all possible conditions and practices that may occur when operating, maintaining and cleaning power tools.
- This power tool has a DETACHABLE CORD; ALWAYS attach the cord to the charger first, then to the electrical outlet. DO NOT drape the cord where it can be pulled on or tripped over. Never wrap the cord tightly around the power tool or charger, as this could cause the cord to fray or break.
- We DO NOT recommend using an extension cord with this power tool. However, IF AN EXTENSION CORD IS USED, the marked electrical rating should be at least as great as the electrical rating of this tool.
- CLOSE SUPERVISION IS NECESSARY WHEN USING THIS POWER TOOL NEAR CHILDREN OR ANIMALS.
- This tool should always be used in a DRY environment. DO NOT use near water.
- DO NOT use an accessory or attachment not recommended by Wards, as this may cause injury, or damage the power tool.
- Keep hands, hair, jewelry and clothing away from all MOVING PARTS.
- Turn OFF AND UNPLUG when not in use.
- NO SERVICEABLE PARTS INSIDE THIS POWER TOOL.
- DO NOT USE A POWER TOOL WITH A DAMAGED CORD OR PLUG, OR AFTER IT MALFUNCTIONS, OR HAS BEEN DAMAGED IN ANY MANNER.
- DO NOT use item in areas where flammable items are present. Power tools can create sparks and ignite dust or fumes.
- Know how to stop the drill quickly. Be thoroughly familiar with the controls before using.
- Stay alert. DO NOT operate the power tool when fatigued or under the influence of alcohol or drugs.
- Appliances/tools contain valuable materials that can be recycled. Please dispose of your old appliances/tools using appropriate collection systems.



Intertek

This power tool is equipped with a detachable 2-pronged plug. The plug should be attached to the charger before connecting to an electrical outlet. If you are unable to insert the plug into the outlet, contact a qualified electrician. Do not attempt to modify the plug in any way. Montgomery Ward can not accept any liability for damage or injury resulting from failure to observe these safety procedures.

Specifications

CHARGER INPUT	120V, 60Hz
VOLTAGE	19.2V
RPM (no load)	0-550
BATTERY TYPE	Nickel Cadmium (1200mAh)
KEYLESS CHUCK	3/8" (10mm)
DIMENSIONS	8" L x 2³/₄" W x 9¹/₂" H
WEIGHT	2 LBS.; 3.3 LBS. w/BATTERY
MODEL	CB50092



1. Front Keyless Chuck
2. Back Keyless Chuck
3. Torque Settings Control Ring
4. LED Light
5. Forward/Reverse and Trigger Lock Lever
6. Variable Speed Trigger Switch
7. Rubberized Grips
8. Release Button (1 on each side)
9. Battery Pack
10. Charger
11. 120V AC Adapter
12. Accessories (not shown)

WARNING: Use personal protective equipment as needed (safety goggles, dust mask, non-skid safety shoes, hard hat, heavy duty work gloves or hearing protection) to reduce personal injuries.

BATTERY PACK

Before using the battery pack, please read all instructions and cautionary markings on the battery pack and charger.

- DO NOT carry the battery pack in an apron, pocket, or tool box with loose metal objects (paper clips, coins, keys, nails, screws, etc.). Battery pack terminals could be short-circuited, causing damage to the battery pack, severe burns or fire.
- The battery pack is nickel-cadmium and is considered to be a toxic material by the Environmental Protection Agency. Before disposing of damaged or worn out battery packs, check with your state Environmental Protection Agency to find out about special restrictions on the disposal of these battery packs. **DO NOT incinerate a battery pack even if it is severely damaged or is completely worn out (the battery pack can explode).**
- **Before first use, the battery pack requires 8-10 hours of charge time to be fully charged.** Subsequent recharging needs 3-5 hours for the battery to be fully charged. See page 7.
- Switch to a fresh battery when tool performance begins to diminish. Severe heat is destructive to a battery; the more heat generated, the faster the battery loses power. A battery that gets too hot can have a shortened life.
- Charge the battery at ambient temperatures between 50° F -104° F. Store tool and battery pack in locations where temperatures will not exceed 120° F. Excessive heat may cause serious damage to the battery cells.
- Recharge this battery ONLY with the supplied charger. Use this battery ONLY with this Montgomery Ward cordless drill.
- If damaged, liquid may be ejected from the battery; avoid contact. Liquid ejected from the battery may cause irritation or burns. If contact occurs, flush with water. If liquid contacts eyes, seek medical help.

WARNING: DO NOT pick up or carry the drill with your finger on the trigger switch.

ATTACH THE BATTERY:

1. Align the battery pack with the battery compartment on the bottom of the drill.
2. Press the battery into place. When it snaps, the battery is securely fastened. Do not use the drill if the battery is not seated properly.

REMOVE THE BATTERY:

1. Press the release buttons on both sides of the battery to release.
2. Pull the battery down, free of the drill.



CHARGE THE BATTERY:

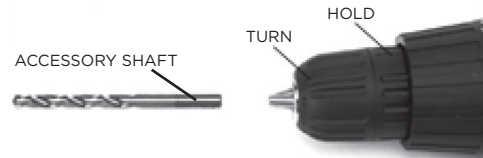
1. Plug the AC adapter onto the battery charger. Plug the adaptor into an outlet. The red indicator light will illuminate.
2. Insert the battery into the charger. The green indicator light will also illuminate, indicating the battery is being charged.
3. **Disconnect the charger from the outlet after 3-5 hours of charging. The charger will not automatically turn OFF when the battery pack is fully charged.** The charging indicator light will remain ON until the charger is disconnected from the electrical outlet. Remove the charger from the battery.

NOTE: Overcharging can overheat the battery cells and cause permanent damage to the battery and charger. Continuous use of your tool causes the battery pack to become hot. **Let a hot battery pack cool down for approximately 30 minutes before attempting to recharge.**

WARNING: Be aware that this tool, with the battery attached, is always in an operating condition; it does not have to be plugged into an electrical outlet. ALWAYS LOCK THE TRIGGER SWITCH (see page 9) AND REMOVE THE BATTERY BEFORE CHANGING ACCESSORIES!

ACCESSORIES

1. Position the drill so it is upright and pointed away from you as you look down onto the top of the drill. Hold the back of the chuck in one hand and use the other hand to rotate the front of the chuck in a clockwise direction to open the chuck.
2. Insert the accessory shaft into the chuck opening.
3. Turn the front of the chuck counterclockwise to hold the bit in place. Tighten securely.



WARNING: DO NOT attempt to tighten any accessory by gripping the front of the chuck and turning the tool on. This may cause injury and/or damage to the drill. When attaching or removing the accessory from the tool, use proper protective gloves. Accessories may be hot after prolonged use.

OPERATING THE DRILL

1. The speed of the cordless drill depends on the amount of pressure you put on the **trigger switch**. The more pressure you apply, the faster the drill will go. Decrease the pressure and the drill will slow down.

WARNING: Never tape the trigger switch down to provide continuous high speed! The drill may fail under such conditions, causing fire or injury.

2. The **forward/reverse and trigger lock lever** is used to change the direction the accessory turns AND to lock the drill. ALWAYS Be sure the trigger switch is released when changing the position of the lever. ALWAYS check the direction of the rotation before use.
 - A. To select forward rotation, press the lever from right to left
 - B. To select reverse, press the lever from left to right.
 - C. To lock the drill, center the lever.
3. The **torque settings control ring** controls the level of torque. For light duty work, use lower settings. For heavy duty work, use higher settings.

DRIVING SCREWS

1. Set the ring on the lowest setting to begin.
2. Hold the drill with both hands to ensure control if the bit should stick or slip. Try tightening the first screw. If the drill drives smoothly, proceed with the next screw.
3. If the drill's clutch slips, release the trigger and increase the torque setting and try again until the drill drives the screw without incident.
4. Always keep the driver bit straight to prevent damage to the screw.
5. To prevent wood from splitting, drill pilot holes into the wood before driving in the screws.

DRILLING WOOD

1. Use a twist bit to drill holes in wood. Make sure the bit is sharp.
2. Hold the drill with both hands to ensure control if the bit should stick or slip. Start the hole slowly, allowing the bit to drill deep enough to prevent slipping at higher speeds.
3. While drilling the hole, pull the bit out frequently to clear chips from between the grooves of the bit (an overburdened bit may overheat).

(continued on page 10)

4. Keep the right amount of pressure in a straight line with the drill bit. Too little and the bit will spin without cutting, too much and the motor may stall.
5. Just before the drill tip breaks through the other side of the work piece, drill more slowly and decrease pressure on the tool. This will prevent stalling and leave a cleaner hole.
6. To reduce jamming, always keep the drill running when pulling the bit out of a finished hole.
7. Use a block of wood to back up work pieces that may splinter.
8. Use a spade bit when drilling large diameter holes in wood.

DRILLING METAL

1. Use an HSS drill bit. Apply a lubricant, such as cutting oil, to the tip of the bit when drilling metals other than cast iron, aluminum, copper, and brass.
2. Hold the drill with both hands to ensure control if the bit should stick or slip. Start the hole slowly, allowing the bit to drill deep enough to prevent slipping at higher speeds.
3. While drilling the hole, pull the bit out frequently to clear chips from between the grooves of the bit (an overburdened bit may overheat).
4. Make sure the bit is actually cutting and not spinning in the hole, as this will dull the edges of the bit.
5. Keep the right amount of pressure in a straight line with the drill bit. Too little and the bit will spin without cutting, too much and the motor may stall.
6. Just before the drill tip breaks through the other side of the work piece, drill more slowly and decrease pressure on the tool. This will prevent stalling and leave a cleaner hole.
7. To reduce jamming, always keep the drill running when pulling the bit out of a finished hole.

DRILLING MASONRY

1. Use a masonry bit.
2. Masonry can be brittle so be careful not to apply too much pressure and crack the material, but apply enough pressure to keep the bit cutting and not spinning in the hole as this will dull the edges of the bit. Soft material (brick) will require less pressure. Harder material (concrete) will require more pressure.
3. Hold the drill with both hands to ensure control if the bit should stick or slip. Start the hole slowly, allowing the bit to drill deep enough to prevent slipping at higher speeds.
4. While drilling the hole, pull the bit out frequently to clear chips from between the grooves of the bit (an overburdened bit may overheat).

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5. Just before the drill tip breaks through the other side of the work piece, drill more slowly and decrease pressure on the tool. This will prevent stalling and leave a cleaner hole.
6. To reduce jamming, always keep the drill running when pulling the bit out of a finished hole.

Maintenance & Storage

1. Disconnect the plug from the power source and/or the battery pack from the drill before making any adjustments, changing accessories, or cleaning.
 2. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect operation.
 3. Keep cutting tools sharp and clean. Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
 4. Use only mild soap and a damp cloth to clean the tool. Never let any liquid get inside the casing. **NEVER IMMERS**E ANY PART OF THE TOOL IN A LIQUID.
- NOTE:** This cordless drill is lubricated before it leaves the factory. This lubrication should last for the life of the tool. No further lubrication is required.
5. Regularly clean the ventilation slots on your tool and charger using only a soft brush or dry cloth.
 6. Never open the cordless drill case, battery pack or charger. Do not attempt to repair the drill, battery pack or charger yourself. Opening any of these parts will void your warranty.
 7. Clean the battery pack using only a dry cloth. Do not use liquids.
 8. When not in use, tools must be stored in a dry location to inhibit rust. Always store the tool in the locked/off position.
 9. Always lock up and keep tools out of reach of children.

If any item, for any reason, does not meet your expectations, just return it to us. We'll gladly either:

- Refund your merchandise amount
- Credit your account
- Send a replacement

You can return any unused item in its original packaging within 60 days of its receipt for a full refund of the purchase price (excluding shipping and handling charges).

Please send returns to:

**Montgomery Ward, Inc.
Attn: Customer Returns
2000 Harrison Suite 100
Clinton, IA 52732-6676**

When returning an item:

- Use the original packaging and pack it securely.
- Please adequately insure your item in case you need to make a claim with the carrier you choose for returning your item.
- Include your order number and reason for return.
- We recommend keeping the receipt for 4 weeks.

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1 Year Limited Warranty

Montgomery Ward, Inc. warrants this product to be free from defects in material and workmanship for one year from provable date of purchase.

Within this warranty period, Montgomery Ward will repair or

replace, at its option, defective parts of this product at no charge, provided the product is returned, freight prepaid with proof of purchase to Montgomery Ward.

Allow 2-4 weeks for return shipping.

This warranty does not cover improper installation, misuse, abuse or neglect on part of the owner. Warranty is also invalid in any case that the product is taken apart or serviced by an unauthorized service station.

This warranty gives you specific legal rights and they may vary from state to state.

THE FOREGOING WARRANTIES ARE IN LIEU OF ALL OTHER WARRANTIES AND CONDITIONS, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THOSE OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

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