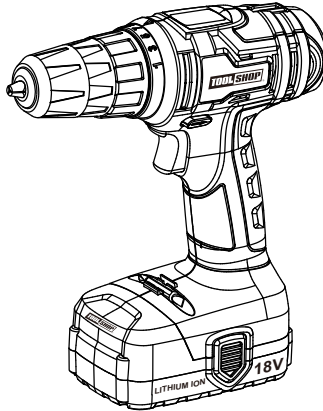




18 VOLT LITHIUM ION CORDLESS DRILL/DRIVER 241-9039



Owner's Manual

PRODUCT SPECIFICATIONS

DRILL/DRIVER

Variable speed range:	0–550 RPM (no load)
Torque clutch positions:	16 + drill mode
Torque:	115 in lbs
Keyless chuck:	3/8" (10 mm) double sleeve keyless
Maximum drilling capacity:	1/4" (6 mm) in steel 3/4" (20 mm) in wood

BATTERY & CHARGER

Battery:	18 V, Lithium ion
Charger:	Approximately 3–5 Hour, Class 2
Charger input:	100–240V AC, 50–60 Hz
Charger output:	26 V DC, 380 mA (maximum)
Weight:	2 lb 13 oz (1.3 kg) with battery
Replacement battery:	236-9025
Replacement charger assembly:	236-9026

Need Assistance?

Call us on our toll free customer support line:

1-866-349-8665

- Technical questions
- Replacement parts
- Parts missing from package

Or email us at: customerservice@powertoolsplus.ca

TABLE OF CONTENTS

Product specifications	1
Table of contents	2
General safety warnings	3–4
Eye, ear & lung protection	3–4
Electrical safety	4
Power tool safety	5–6
General safety rules	5
Work area	5
Electrical safety	5
Personal safety	5–6
Power tool use and care	6
Battery tool use and care	6
Service	6
Specific safety rules	7
Battery & charger safety	8
Battery pack recycling	8
Symbols	9
Know your cordless drill/driver	10
Accessories	10
Assembly and operating	11–16
Charging the battery pack	11
Installing a battery pack in the drill/driver	11
On-board screwdriver-bit storage	11
Adjusting the torque	12
Forward/reverse switch	12
Variable-speed trigger switch	12–13
Installing drill bits	13
Removing bits	13
Horizontal bubble level	14
Drilling	14–15
Driving screws	15
Retightening a loose chuck	15
Maintenance	16
Exploded view	17
Parts list	18
Warranty	19

GENERAL SAFETY WARNINGS



WARNING: Before using this tool or any of its accessories, read this manual and follow all Safety Rules and Operating Instructions. The important precautions, safeguards and instructions appearing in this manual are not meant to cover all possible situations. It must be understood that common sense and caution are factors which cannot be built into the product.

This instruction manual includes the following:

- General Safety Rules
- Specific Safety Rules and Symbols
- Functional Description
- Assembly
- Operation
- Maintenance
- Accessories

EYE, EAR & LUNG PROTECTION



ALWAYS WEAR EYE PROTECTION THAT CONFORMS WITH CSA REQUIREMENTS or ANSI SAFETY STANDARD Z87.1

FLYING DEBRIS can cause permanent eye damage. Prescription eyeglasses ARE NOT a replacement for proper eye protection.



WARNING: Non-compliant eyewear can cause serious injury if broken during the operation of a power tool.



WARNING: Use hearing protection, particularly during extended periods of operation of the tool, or if the operation is noisy.

SAVE THESE INSTRUCTIONS FOR REFERENCE

GENERAL SAFETY WARNINGS



WEAR A DUST MASK THAT IS DESIGNED TO BE USED WHEN OPERATING A POWER TOOL IN A DUSTY ENVIRONMENT.



WARNING: Dust that is created by power sanding, sawing, grinding, drilling, and other construction activities may contain chemicals that are known to cause cancer, birth defects, or other genetic abnormalities. These chemicals include:

Lead from lead-based paints

Crystalline silica from bricks, cement, and other masonry products

Arsenic and chromium from chemically treated lumber

The level of risk from exposure to these chemicals varies, according to how often this type of work is performed. In order to reduce exposure to these chemicals, work in a well-ventilated area, and use approved safety equipment, such as a dust mask that is specifically designed to filter out microscopic particles.

ELECTRICAL SAFETY



WARNING: To avoid electrical hazards, fire hazards or damage to the tool, use proper circuit protection.

This tool is wired at the factory for 120 V AC operation. It must be connected to a 120 V AC, 15 A circuit that is protected by a time-delayed fuse or circuit breaker. To avoid shock or fire, replace power cord immediately if it is worn, cut or damaged in any way.

SAVE THESE INSTRUCTIONS FOR REFERENCE

POWER TOOL SAFETY

▲ WARNING: Read all safety warnings and instructions. Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.

Save all warnings and instructions for future reference.

Work area safety

Keep work area clean and well lit. Cluttered or dark areas invite accidents.

Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust. Power tools create sparks which may ignite the dust or fumes.

Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control.

Electrical safety

Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools. Unmodified plugs and matching outlets will reduce risk of electric shock.

Avoid body contact with earthed or grounded surfaces such as pipes, radiators, ranges and refrigerators. There is an increased risk of electric shock if your body is earthed or grounded.

Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.

Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts. Damaged or entangled cords increase the risk of electric shock.

When operating a power tool outdoors, use an extension cord suitable for outdoor use. Use of a cord suitable for outdoor use reduces the risk of electric shock.

If operating a power tool in a damp location is unavoidable, use a residual current device (RCD) protected supply. Use of a ground fault circuit interrupter (GFCI) reduces the risk of electric shock.

Personal safety

Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication. A moment of inattention while operating power tools may result in serious personal injury.

Use personal protective equipment. Always wear eye protection. Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.

Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and/or battery pack, picking up or carrying the tool. Carrying power tools with your finger on the switch or energizing power tools that have the switch on invites accidents.

Remove any adjusting key or wrench before turning the power tool on. A wrench or a key left attached to a rotating part of the power tool may result in personal injury.

Do not overreach. Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.

Dress properly. Do not wear loose clothing or jewelry. Keep your hair, clothing and gloves away from moving parts. Loose clothes, jewelry or long hair can be caught in moving parts.

If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used. Use of dust collection can reduce dust-related hazards.

POWER TOOL SAFETY

PERSONAL SAFETY – cont'd

Power tool use and care

Do not force the power tool. Use the correct power tool for your application. The correct power tool will do the job better and safer at the rate for which it was designed.

Do not use the power tool if the switch does not turn it on and off. Any power tool that cannot be controlled with the switch is dangerous and must be repaired.

Disconnect the plug from the power source and/or the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools. Such preventive safety measures reduce the risk of starting the power tool accidentally.

Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool. Power tools are dangerous in the hands of untrained users.

Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use. Many accidents are caused by poorly maintained power tools.

Keep cutting tools sharp and clean. Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.

Use the power tool, accessories and tool bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed. Use of the power tool for operations different from those intended could result in a hazardous situation.

Hold power tool by insulated gripping surfaces, because the blade may contact its own cord. Cutting a "live" wire may make exposed metal parts of the tool "live" and could give the operator an electric shock.

Battery tool use and care

Recharge only with the charger specified by the manufacturer. A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.

Use power tools only with specifically designated battery packs. Use of any other battery packs may create a risk of injury and fire.

When battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal objects that can make a connection from one terminal to another. Shorting the battery terminals together may cause burns or a fire.

Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help. Liquid ejected from the battery may cause irritation or burns.

Service

Have your power tool serviced by a qualified repair person using only identical replacement parts. This will ensure that the safety of the power tool is maintained.

SPECIFIC SAFETY RULES

▲ WARNING: Know your cordless drill/driver. Do not plug in the charger or install the battery in the tool until you have read and understand this Instruction Manual. Learn the tool's applications and limitations, as well as the specific potential hazards related to this tool. Following this rule will reduce the risk of electric shock, fire, or serious injury.



Always wear eye protection. Any power tool can throw foreign objects into your eyes and cause permanent eye damage.

ALWAYS wear safety goggles (not glasses) that comply with ANSI safety standard Z87.1. Everyday glasses have only impact resistant lenses. They ARE NOT safety glasses.

▲ WARNING: Glasses or goggles not in compliance with ANSI Z87.1 could cause serious injury when they break.

▲ WARNING: Always use a safety shield, hearing protection and dust mask when drilling concrete.

▲ WARNING: To avoid fire or toxic reaction, never use gasoline, naphtha, acetone, lacquer thinner or similar highly volatile solvents to clean the tool.

▲ WARNING: Use only accessories that are recommended for this cordless drill/driver. Follow the instructions that accompany the accessories. The use of improper accessories may result in injury to the operator or damage to the tool.

▲ WARNING: If any part is missing or damaged, do not plug the tool into the power source or install any accessory until the missing or damaged part is replaced. Do not drill material too small to be securely held.

Always keep hands out of the path of the drill bit. Avoid awkward hand positions where a sudden slip could cause your hand to move into the path of the drill bit.

Secure the workpiece. Use clamps or a vice to hold the workpiece. It is safer than using your hand and it frees both hands to operate the tool.

Make sure there are no nails or foreign objects in the part of the workpiece to be drilled.

To avoid injury from accidental starting, always remove the battery from the tool before installing or removing a drill bit.

Do not install or use any drill bit that exceeds 7" (17.5 cm) in length or extends more than 6" (15 cm) beyond the chuck jaws. They can bend or break suddenly.

Before starting the operation, jog the drill/driver switch to make sure the drill bit does not wobble or vibrate.

Do not use fly cutters or multiple-part hole cutters, because they can come apart or become unbalanced during use.

Make sure the spindle has come to a complete stop before touching the chuck or attempting to change the drill bit.

Always make sure the chuck is tight and the drill bit firmly tightened in the chuck before starting drill/driver.

SAVE THESE INSTRUCTIONS FOR REFERENCE

BATTERY & CHARGER SAFETY

▲ WARNING: Only use the charger supplied with this kit to charge the 18V battery. Charging any other batteries may damage the charger and possibly cause serious injury.

Do not store or carry the battery in a manner in which metal objects could contact the exposed metal end. Do not place the battery in aprons, pockets, drawers, etc. with loose nails, screws, keys etc. The battery could short circuit causing a fire, personal injury or damage to the battery.

Never attempt to open the battery for any reason. If the housing of the battery breaks or cracks, immediately discontinue use and do not recharge.

Do not charge the battery if it is wet or shows any evidence of corrosion.

A small leakage from the battery may occur under extreme usage, charging or temperature conditions. This does not indicate a failure.

However, if the outer seal is broken and this leakage gets on your skin, follow these steps:

1. Wash immediately with soap and water.
2. Neutralize with a mild acid such as lemon juice or vinegar.
3. If liquid gets into your eyes, flush immediately with clean water for a minimum of 10 minutes and seek medical attention.

NOTE: The battery liquid is slightly acidic.

Do not incinerate the battery. It can explode in a fire.

Do not use an extension cord. Plug the charger cord directly into an electrical outlet.

Use the charger only in a standard 120V, 60 Hz electrical outlet.

Do not use the charger in wet or damp conditions. It is intended for indoor use only. Do not use the charger near sinks or tubs. Do not immerse the charger in water. Do not allow the cord to hang over the edge of a table or counter or touch hot surfaces. The charger should be placed away from sinks and hot surfaces.

Do not use the charger to charge any batteries other than the cordless drill/driver batteries. Other batteries may explode.

Do not operate charger if the cord or plug is damaged. Replace the damaged cord and plug immediately.

Do not operate the charger if it has received a sharp blow, been dropped or otherwise damaged in any way. Have a qualified technician examine the charger and repair it if necessary. Do not disassemble the charger.

Do NOT charge the batteries when the work area or the battery temperature is at or below 0° C (32° F) or above 45° C (113° F).

Unplug the charger when not in use and before cleaning or maintenance.

BATTERY PACK RECYCLING

To preserve our natural resources, please recycle or dispose of batteries properly.

The batteries charged by this charger may contain chemicals and metals that are harmful to the environment. Never dispose of rechargeable batteries in your normal household garbage or in landfill sites as they will add to the pollution of the environment.




Please call 1-800-822-8837 for the location of your nearest RBRC battery recycling location.












SAVE THESE INSTRUCTIONS FOR REFERENCE

SYMBOLS

▲ WARNING: Some of the following symbols may appear on the cordless drill. Study these symbols and learn their meaning. Proper interpretation of these symbols will allow for more efficient and safer operation of this tool.

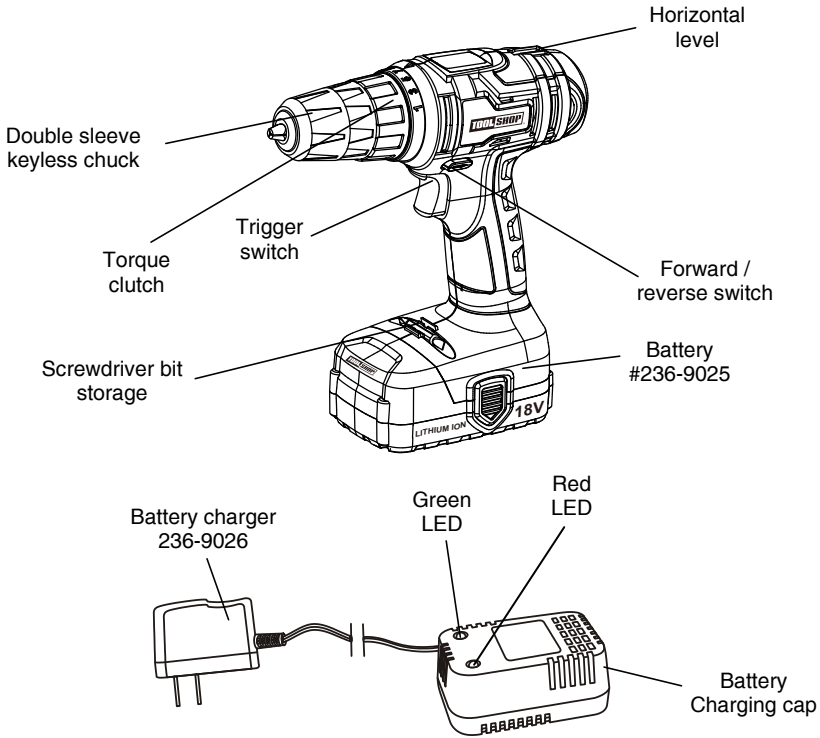
V	Volts
A	Amperes
Hz	Hertz
W	Watts
kW	Kilowatts
μF	Microfarads
L	Liters
kg	Kilograms
H	Hours
N/cm ²	Newtons per square centimeter
Pa	Pascals
OPM	Oscillations per minute
Min	Minutes
S	Seconds
 or a.c.	Alternating current
	Three-phase alternating current
	Three-phase alternating current with neutral

	Direct current
n_0	No load speed
	Alternating or direct current
	Class II construction
	Splash-proof construction
	Watertight construction
	Protective grounding at grounding terminal, Class I tools
.../min	Revolutions or reciprocations per minute
∅	Diameter
0	Off position
	Directional Arrow
	Warning symbol
	Wear your safety glasses



This symbol designates that this tool is listed with U.S. requirements by ETL Testing Laboratories, Inc. Conforms to UL Std. 60745-1, 60745-2-1, and 60745-2-2.

KNOW YOUR CORDLESS DRILL/DRIVER



ACCESSORIES

DESCRIPTION	QTY
High-speed steel drill bits: 1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 11/64", 3/16", 13/64", 7/32", 15/64"	12
Masonry drill bits: 1/8", 3/16", 1/4" 3/8"	4
Wood boring spade bits: 3/8", 1/2", 5/8", 3/4"	4
1" (25mm) screwdriver bits: ⊖ R1, R2	2
⊕ T10, T15, T20, T25, T27, T30, T40	7
1/4" Magnetic bit holder	1

DESCRIPTION	QTY
1" (25mm) screwdriver bits: ⊖ 1/8", 5/32", 3/16", 1/4", 9/32"	5
⊕ PH1, PH2, PH3	3
⊕ PZ1, PZ2, PZ3	3
2" (50mm) screwdriver bits: ⊕ PH1, PH2	2
⊖ R1	1
Nut drivers: 3/16", 1/4", 5/16", 11/32"	4
Screw finder	2
Accessory case	1

ASSEMBLY AND OPERATING

CHARGING THE BATTERY PACK

1. Place the battery (1) in a dry location near a 120 V 60 Hz electrical outlet (Fig. 1)
2. Plug the battery charger transformer (2) into the 120 V 60 Hz wall receptacle.
NOTE: The GREEN LED (3) on the charging cap (4) will turn ON indicating the power supply is "live".
3. Place the charging cap onto the battery stem (5).
NOTE: Make sure the charging cap is pressed fully onto the battery.

NOTES:

- a) The battery pack should only be charged in an area where the temperature is between 32–113°F (0–45°C).
- b) During the charging cycle, the GREEN LED will turn OFF and the RED LED (6) will turn ON indicating the battery is charging.
- c) If the RED LED does not come ON, check to make sure charging cap is pressed fully onto the battery and the electrical outlet is "live".
- d) If the battery pack does not charge properly, check to make sure the electrical outlet is "live".
- e) It is normal for the battery charger to be warm to the touch during operation.
- f) When the battery is fully charged, the RED LED will turn OFF and the GREEN LED will turn ON.
- g) Remove the charger transformer from the wall receptacle and remove the charging cap from the battery pack once the battery pack is fully charged.

▲ WARNING: If the charger transformer is used with a power bar or extension cord, it must NOT be placed in contact with any combustible material.

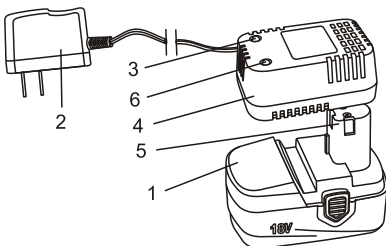


Fig. 1

INSTALLING THE BATTERY PACK IN THE DRILL/DRIVER

1. Remove the discharged battery pack (1) from the tool by pressing the battery release buttons (2) on each side of the battery pack and pulling the battery pack out of the tool handle (3) (Fig. 2).
2. Insert the fully charged battery pack into the matching slots in the tool handle where the discharged battery pack has been removed.
NOTE: The battery release buttons will "click" into place when the battery pack is fully installed.

▲ WARNING: Do not immerse battery pack in water. Sudden cooling could cause a hot battery to explode or leak.

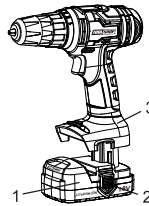


Fig. 2

ON-BOARD SCREWDRIVER BIT STORAGE

Convenient on-board screwdriver bit storage (1) is provided on the drill/driver handle base (Fig. 3).

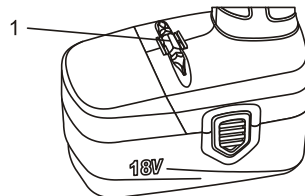


Fig. 3


ASSEMBLY AND OPERATING

ADJUSTING THE TORQUE

Your drill/driver is equipped with an adjustable torque clutch for driving different types of screws into different types of materials. It also has a setting for "drilling".

The proper setting depends upon the type of material, the size of screw being used and the function required.

Adjust the torque setting as follows:

1. Identify the torque settings located on the torque adjustment ring (1) (Fig. 4).
2. Rotate adjustment ring to align the correct torque setting number with the torque indicator arrow (2). See the chart below for the correct torque settings.
 - 1–4 For driving small screws
 - 5–8 For driving medium sized screws into soft materials
 - 9–12 For driving screws into soft & medium-density materials
 - 13–14 For driving screws into hardwood
 - 15 For driving large screws
 -  For drilling. This position is marked with a drill bit icon (3) on the torque adjustment ring (Fig. 5).

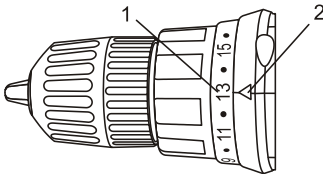


Fig. 4

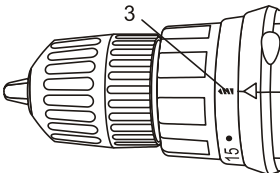


Fig. 5

FORWARD/REVERSE SWITCH

The forward/reverse switch (1) is conveniently mounted above the trigger switch (2) (Fig. 6). To make the drill rotate clockwise (for drilling) push the forward/reverse switch to the left. To make the drill rotate counter-clockwise for removing screws, push the forward/reverse switch to the right.

NOTES:

- a) Never change the position of the forward/reverse switch while the chuck is turning.
- b) The trigger switch will NOT function with the forward/reverse switch in the middle position.

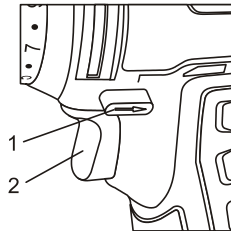


Fig. 6

VARIABLE-SPEED TRIGGER SWITCH

This drill/driver is equipped with a variable-speed ON/OFF trigger switch.

1. To start drill/driver, gently squeeze the trigger switch (2) (Fig. 7).

NOTE: The drill/driver will turn at its slowest speed when the trigger switch is depressed slightly. The drill/driver will turn at its fastest speed when the trigger switch is fully depressed.

2. To stop the drill/driver, release the trigger switch.

NOTE: Drilling at a slow speed for an extended period of time may cause the drill/driver motor or the battery pack to overheat. If either the drill/driver or the battery gets hot, stop drilling and allow them to cool for at least 15 minutes.

ASSEMBLY AND OPERATING

VARIABLE-SPEED TRIGGER SWITCH – cont'd

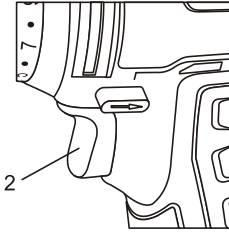


Fig. 7

INSTALLING DRILL BITS

⚠ WARNING: Never hold the chuck body with one hand and use the drill/driver power to rotate the drill/driver body to loosen or tighten bits. Serious injury may result.

This drill/driver is equipped with a double sleeve keyless chuck.

1. To open the keyless drill/driver chuck, grasp and hold the chuck collar (1) with one hand (Fig. 8). Rotate the chuck body (2) with the other hand in a counter clockwise direction (3) until the chuck jaws (4) open wide enough to accept the bit (5).
2. Insert the bit into the chuck the full length of the jaws. Raise the front of your drill/driver slightly to prevent the bit from falling out of the chuck jaws.
3. Tighten the chuck jaws onto the bit by turning the chuck body in a clockwise direction.

NOTE: Make sure the bit is properly aligned in the jaws and NOT at an angle. An improperly aligned bit could be thrown from the chuck when drill/driver is started. Make sure flat sides of the screwdriver bit are being grasped by the chuck jaws.

4. Finish tightening the chuck jaws by holding the chuck collar with one hand and firmly tightening the chuck body by rotating it in a clockwise direction.

NOTE: Hand tighten the chuck jaws. Do NOT use pliers. You will damage the chuck.

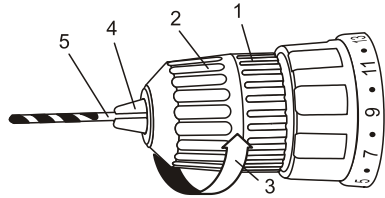


Fig. 8

⚠ WARNING: Do not insert the drill bit into the chuck and tighten as shown in Fig. 9. The drill bit MUST be properly inserted with all three of the chuck jaws holding the bit centered in the chuck. Failure to properly insert the drill bit could cause the drill bit to be thrown from the chuck, resulting in possible serious injury or damage to the chuck.

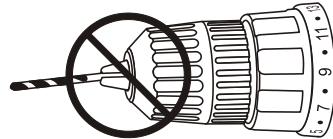


Fig. 9

REMOVING BITS

1. To open the keyless drill chuck, grasp and hold the chuck body and rotate it in a counter-clockwise direction until the chuck jaws open wide enough to release the bit.
2. Remove the drill bit.

ASSEMBLY AND OPERATING

HORIZONTAL BUBBLE LEVEL

This drill/driver is equipped with a bubble level to assist you in keeping the drill/driver "level" while drilling horizontal holes.

The horizontal level (1) is located in the top of the drill/driver housing (Fig. 10).

To maintain a horizontal drilling position, hold the drill/driver so the horizontal level bubble (2) is centered between the level indicator lines (3).

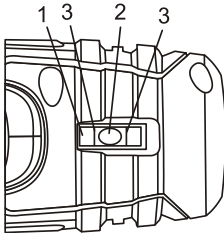


Fig. 10

WARNING

For safety reasons, the operator must read the sections of this Owner's Manual entitled "GENERAL SAFETY WARNINGS", "POWER TOOL SAFETY", "SPECIFIC SAFETY RULES", "BATTERY & CHARGER SAFETY" and "SYMBOLS" before using this cordless drill.

Verify the following every time the cordless drill is used:

1. Safety glasses, safety goggles, or face shield is being worn.
2. Hearing protection is being worn.
3. The chuck has not worked loose on the spindle.
4. The bit is in good condition and is properly tightened onto the chuck.

Failure to observe these safety rules will significantly increase the risk of injury.

DRILLING

When drilling into smooth, hard surfaces such as metal, use a center punch to mark the desired hole location. This will prevent the drill bit from slipping off center as the hole is started.

The workpiece to be drilled should be secured in a vice or with clamps to keep it from turning as the drill bit rotates (Fig. 11).


1. Check the drill bit to make sure it is firmly locked into the drill/driver chuck, and verify that the forward/reverse switch is in the forward position.
2. Set the torque clutch to the drilling position.
3. Hold the drill/driver firmly with both hands whenever possible. Use one hand to grasp the handle and switch.

NOTE: Make sure the hand placed on the body of the drill/driver does not cover the air vents. Covering these air vents will reduce motor cooling, and possibly lead to overheating the motor.

4. While holding the drill/driver firmly, place the point of the drill bit at the point to be drilled. Squeeze the switch trigger to start the drill/driver.

NOTES: Always use a higher drill speed when drilling small holes. Use a slower drill speed when drilling large holes.

5. Move the drill bit into the workpiece applying only enough pressure to keep the bit cutting. Do not force the drill bit or apply sideways pressure to elongate the hole.

 WARNING: Be prepared for binding and bit breakthrough. When these situations occur, the drill bit has a tendency to grab the workpiece. This action will kick the drill/driver opposite to the direction of the drill bit rotation, and could cause loss of control when breaking through material as you complete drilling the hole. If you are not prepared, this loss of control can result in serious injury.

ASSEMBLY AND OPERATING

DRILLING – cont'd

When drilling metals, use light oil on the drill bit to keep it from overheating. The oil will prolong the life of the drill bit and improve the cutting action. If the bit jams in the workpiece, or if the drill/driver stalls, release the trigger switch immediately. Remove the bit from the workpiece and determine the reason for jamming.

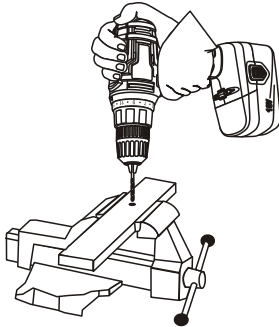


Fig. 11

DRIVING SCREWS

When driving screws, care must be taken to use the bit that correctly fits the screw being driven. Make sure you use the largest bit size that will properly fit into the head of the screw.

1. Select the correct screwdriver bit for the screw being driven.
2. Fasten the screwdriver bit into the chuck, making sure the flat sides of the bit are gripped by the chuck jaws.
3. Set the torque clutch to the appropriate setting, based on the chart on Page 12.

NOTE: If the workpiece material is particularly soft or porous, set the torque clutch to a lower setting to avoid overdriving the screw.

4. If the screw is driven too far into the workpiece before the clutch releases, set the clutch to a lower setting, and do not pull the trigger switch fully back. If the screw is not driven far enough into the workpiece, set the clutch to a higher setting.

NOTE: Do not continue to drive the screw once the clutch has released. This causes unnecessary wear of the clutch.

RETIGHTENING A LOOSE CHUCK

1. Remove the battery pack from the drill/driver.
2. Insert a 5/16" (8 mm) or larger hex key (1) into the chuck (2) and tighten the chuck jaws securely (Fig. 12). Make sure each of the chuck jaws (3) is seated on the flat surfaces of the hex key.
3. Tap the hex key sharply with a mallet (4) in a clockwise direction. This action will loosen the screw in the chuck for easy removal.

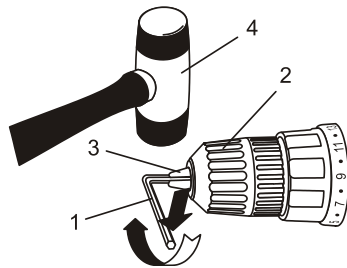


Fig. 12

4. Open the chuck jaws and remove the hex key.
5. Tighten the chuck screw using a #2 \oplus screwdriver (Fig 13).

NOTE: Turn the screw COUNTER-CLOCKWISE to tighten it. This screw has a left-handed thread.

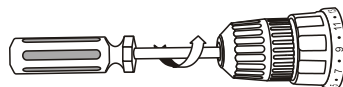


Fig. 13

MAINTENANCE

GENERAL

▲ WARNING: When servicing, use only identical replacement parts. The use of any other part may create a hazard or cause product damage.

DO NOT use solvents when cleaning plastic parts. Plastics are susceptible to damage from various types of commercial solvents and may be damaged by their use. Use a clean cloth to remove dirt, dust, oil, grease etc.

▲ WARNING: Do not allow brake fluids, gasoline, petroleum-based products, penetrating oils, etc. to come into contact with plastic parts. They contain chemicals that can damage, weaken or destroy plastic.

DO NOT abuse power tools. Abusive practices can damage the tool and the workpiece.

▲ WARNING: DO NOT attempt to modify tools or create accessories. Any such alteration or modification is misuse and could result in a hazardous condition leading to possible serious injury. It will also void the warranty.

LUBRICATION

All of the bearings in this tool are lubricated with a sufficient amount of high-grade lubricant for the life of the unit under normal conditions. Therefore, no further lubrication is required.

BATTERY PACK REMOVAL AND PREPARATION FOR RECYCLING

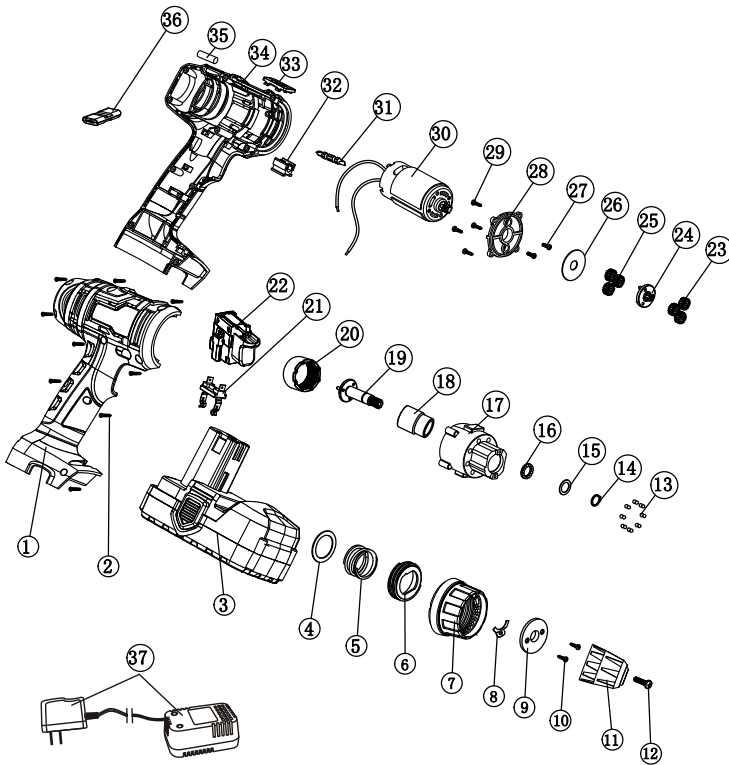
To preserve our natural resources, please recycle or dispose of batteries properly.

The batteries accompanying this tool may contain chemicals and metals that are harmful to the environment. Never dispose of rechargeable batteries in your normal household garbage or in landfill sites, because they will add to the pollution of the environment.

Consult your local waste authority for information regarding available recycling and disposal options.

▲ WARNING: Upon removal of the battery pack, cover the terminals of the battery pack with electrical tape or heavy-duty adhesive tape. Never touch both terminals with metal objects or body parts, because a short circuit may result. Keep away from children. Do not attempt to destroy or disassemble battery pack or remove any of its components. Rechargeable batteries must be recycled or disposed of properly. Failure to comply with these warnings could result in fire and serious injury.

AVAILABLE PARTS



⚠ WARNING: When servicing, use only original equipment replacement parts. The use of any other parts may create a safety hazard or cause damage to the cordless drill/driver.

Any attempt to repair or replace electrical parts on this multi-function power tool may create a safety hazard unless repairs are performed by a qualified technician. For more information, call the Toll-free Helpline, at 1-866-349-8665.

AVAILABLE PARTS

Always order by **KEY NUMBER**, not by part number.

Key #	Part #	Part Name
1	3010010151	housing I
2	4030010036	Screws ST2.9X18
3	1070090070	Lithium battery pack
4	2030020009	Large washer
5	2050080011	Spring
6	3150190130	Inner threaded sleeve
7	3120080082	Adjustable disk
8	2050070001	spring located plate
9	1180020005	Pressplate
10	4030010036	Screws ST2.9X18
11	1140020022	J1510P 10MM 3/8 self-locking chuck
12	4020030001	M5*20(left) degree8.8 black
13	4080040001	Steel ball
14	4100020008	Axle retaining ring d=12
15	2030020010	Small washer
16	4080020002	Steel ball
17	3150070072	Gear box
18	2010080006	Shaft sleeve
19	1170040014	Spindle+Rollers
20	2010090011	Inner gear ring
21	1180060005	Electrode plate
22	1060030070	Switchgear
23	2010010013	planetary gear
24	1170070007	Planetary framework
25	2010010014	planetary gear
26	2030020025	Pressplate
27	4020010028	screws M3X8
28	3150090044	Flange plate
29	4030010034	Screws ST2.9X14
30	1030050002	Motor
31	6190070011	Rotary
32	3150200001	Rotary clip
33	3110010159	Decorative panels with magnetic markings
34	3010010151	Housing II
35	1220010017	Air level
36	3120030101	Switch lever
37	1090090016	Slow charger

TOOL SHOP® 18 VOLT CORDLESS DRILL WARRANTY

1-YEAR LIMITED WARRANTY:

This TOOL SHOP® brand power tool carries a 1-Year Limited Warranty to the original purchaser. If the tool fails within one (1) year from the date of purchase, simply bring this tool with your original sales receipt back to your nearest MENARDS® retail store. At its discretion, TOOL SHOP® agrees to have the tool replaced with the same or similar TOOL SHOP® product free of charge, within the stated warranty period, when returned by the original purchaser with original sales receipt. Notwithstanding the foregoing, this limited warranty does not cover any damage that has resulted from abuse or misuse of the Merchandise. This warranty: (1) excludes expendable parts including but not limited to blades, belts, bits, light bulbs, and/or batteries; (2) shall be void if this tool is used for commercial and/or rental purposes; and (3) does not cover any losses, injuries to persons/property or costs. This warranty does give you specific legal rights and you may have other rights, which vary from state to state. Be careful, tools are dangerous if improperly used or maintained. Seller's employees are not qualified to advise you on the use of this Merchandise. Any oral representation(s) made will not be binding on seller or its employees. The rights under this limited warranty are to the original purchaser of the Merchandise and may not be transferred to any subsequent owner. This limited warranty is in lieu of all warranties, expressed or implied including warranties or merchantability and fitness for a particular purpose. Seller shall not be liable for any special, incidental, or consequential damages. The sole exclusive remedy against the seller will be for the replacement of any defects as provided herein, as long as the seller is willing or able to replace this product or is willing to refund the purchase price as provided above. For insurance purposes, seller is not allowed to demonstrate any of these power tools for you.

For questions / comments, technical assistance or repair parts –
Please call toll free at: 1-866-349-8665 (M-F 8am – 6pm)

SAVE YOUR RECEIPTS. THIS WARRANTY IS VOID WITHOUT THEM.

Distributed by: Menard, Inc., Eau Claire, WI 54703