



# **12V Lithium Ion Cordless Drill**

## **Owner's Manual**

**SP12V112PKT**



Imported by Power Tools Plus, Pickering, Ontario, L1W 3R3

## **Dear Valuable Customer,**

We would like to personally thank you very much for purchasing our Seriously Pink cordless 12v drill. We truly appreciate that you have chosen our product and hope you enjoy your drill and find it useful for many jobs and years to come!

Please give us a call for questions, comments, parts & to find out where to buy more Seriously Pink Tools

Thanks  
Mayssa & Ginny  
1-866-349-8665



Tools hand-picked by women for  
women

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<b>PRODUCT SPECIFICATIONS</b>	
Battery:	12 V, 2.0 Ah Lithium-ion
Maximum torque:	190 in-lb
Variable speed ranges	0–350 & 1150 RPM (no load)
Torque clutch positions:	15 + drill mode
Keyless chuck:	3/8" (10 mm) single sleeve
Maximum drilling depth:	1/8" (3 mm) in steel 25/32" (20 mm) in wood
Charger:	50 minute diagnostic, Class 2
Charger input:	120 V AC, 60 Hz
Charger output:	12 V DC, 1.5 A (maximum)
Weight:	2 lb 6 oz (1.1 kg) with battery

## Warranty


### 1-year Warranty

This Seriously Pink product carries a one (1) year warranty from date of purchase against defects in workmanship and materials. Seriously Pink agrees, at its discretion, to replace the defective product free of charge with the same model or one of equal value or specification or provide the necessary replacement parts, within the stated warranty period, when returned/requested by the original purchaser with proof of purchase. This product is not guaranteed against wear or breakage due to misuse and/or abuse.

This product is not guaranteed if used for industrial or commercial purposes.

Toll Free Help Line: 1-866- 349-8665

## 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.

## 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 operation. It must be connected to a 120 V, 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.

## 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 energising power tools that have the switch on invites accidents.

## POWER TOOL SAFETY

### PERSONAL SAFETY – cont'd

**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 jewellery. Keep your hair, clothing and gloves away from moving parts.** Loose clothes, jewellery 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 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 tools by insulated gripping surfaces when performing an operation where the cutting tool may contact hidden wiring or its own cord.** Contact with a "live" wire will make exposed metal parts of the tool "live" and shock the operator.

**Hold power tool by insulated gripping surfaces, when performing an operation where the fastener may contact hidden wiring or its own cord.** Fasteners contacting a "live" wire may make exposed metal parts of the power tool "live" and could give the operator an electric shock.



## POWER TOOL SAFETY

### 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. 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.

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 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.

## BATTERY & CHARGER SAFETY

**⚠ WARNING:** Only use the charger supplied with this kit to charge the 12V Li-ion 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 120 V, 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 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 & CHARGER SAFETY

### 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 re-chargeable 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.



## 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.

<b>V</b>	Volts
<b>A</b>	Amperes
<b>Hz</b>	Hertz
<b>W</b>	Watts
<b>kW</b>	Kilowatts
<b>μF</b>	Microfarads
<b>L</b>	Litres
<b>kg</b>	Kilograms
<b>H</b>	Hours
<b>N/cm<sup>2</sup></b>	Newtons per square centimetre
<b>Pa</b>	Pascals
<b>Min</b>	Minutes
<b>S</b>	Seconds
	Alternating current
	Three-phase alternating current
	Three-phase alternating current with neutral

	Direct current
<b>n<sub>0</sub></b>	No load speed
	Alternating or direct current
	Class II construction
	Splash-proof construction
	Watertight construction
	Protective grounding at grounding terminal, Class I tools
<b>.../min</b>	Revolutions or reciprocations per minute
<b>∅</b>	Diameter
<b>0</b>	Off position
	Directional Arrow
	Warning symbol



This symbol designates that this tool is listed with Canadian requirements by ETL Testing Laboratories, Inc. Conforms to UL Std. 60745-1, 60745-2-1, and 60745-2-2. Certified to CAN/CSA Std. C22.2 No. 60745-1, 60745-2-1, and 60745-2-2.

## KNOW YOUR CORDLESS DRILL



## ACCESSORIES

### AVAILABLE ACCESSORIES

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

Before using any accessory, carefully read the instructions or the owner's manual for the accessory.

**⚠ WARNING:** If any part is missing or damaged, do not plug charger into the power source or install the battery in the tool until the missing or damaged part is replaced.

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## CONTENTS

Carefully unpack the cordless drill.  
Compare the contents against the  
“CORDLESS DRILL COMPONENTS”  
chart at right.

**NOTE:** See illustration of cordless drill  
below. (Fig.1)

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

CORDLESS DRILL COMPONENTS		
KEY	DESCRIPTION	QTY
A	Cordless drill	1
B	Battery	1
	Owner's Manual	1



Fig.1

# KNOW YOUR BATTERY & CHARGER

## CHARGING THE BATTERY PACK

**WARNING:** Use only the diagnostic charger supplied with the tool to charge the 12v Li-ion battery supplied with the tool. Charging any other batteries with this charger may damage the charger, and possibly cause serious injury.

1. To charge the battery, place the charger (1) in a dry location near a 120 V AC, 60 Hz electrical outlet (Fig.2).
2. Place the battery stem (2) into the matching cavity (3) in the top of the charger (Fig.2).

**NOTE:** Make sure the battery is pressed fully onto the charger as far as it will go.

3. Plug the battery charger into the 120 V AC, 60 Hz wall receptacle.
- NOTE:** Do NOT charge batteries when the work area or the battery temperature is at or below 0°C (32° F) or above 45°C (113° F).

When the battery charger is plugged into a “live” receptacle, the battery charger will begin charging the battery. The red LED (4) and the green LED (5) on the top of the charger will indicate the charging status (Fig.2).

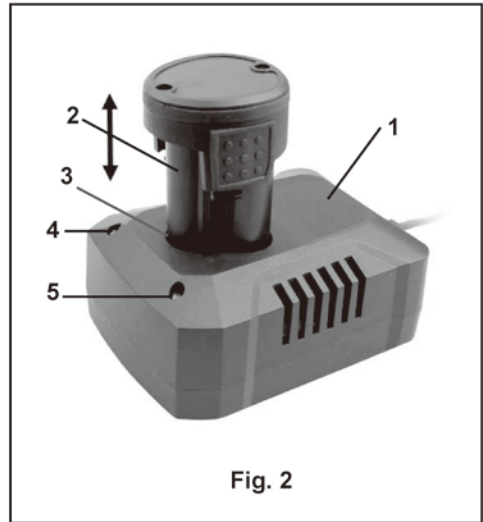








Fig. 2

## CHARGER LED FUNCTIONS

RED LIGHT	GREEN LIGHT	FUNCTION
---	On	
Flashing	---	Battery charging 
---	Flashing	Trickle charging 
On	---	Defective battery 
On	On	Defective Battery (when battery is within normal charging temperature range) 
On	On	Too hot or too cold 



## ASSEMBLY AND OPERATING

### INSTALLING A BATTERY IN THE DRILL

1. Remove the discharged battery (1) from the tool by pressing on the battery release button (2) on the sides of the battery (Fig. 3).
2. Pull the battery out of the tool handle.
3. Slide the fully charged battery into the matching cavity in the tool handle where the discharged battery has been removed.

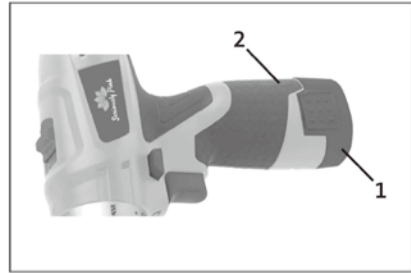


Fig. 3

**NOTE:** Make sure the two keys in the battery stem align with the matching keys in the handle. The battery release button will “click” into place when the battery is fully installed.

**⚠ WARNING:** Do not immerse the battery pack in water. Sudden cooling could cause the hot battery to explode or leak.


### ADJUSTING THE TORQUE

Your drill 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 and size of screw being used and the function required.

## ASSEMBLY AND OPERATING

### ADJUSTING THE TORQUE – cont'd

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 on the following page for correct torque settings.
- 1–3 For driving small screws
  - 4–6 For driving medium sized screws into soft materials
  - 7–9 For driving screws into soft & medium-density materials
  - 10–12 For driving screws into hardwood
  - 13–15 For driving large screws
  -  For drilling. This position is marked with a drill bit icon (3) on the torque adjustment ring (Fig. 5).

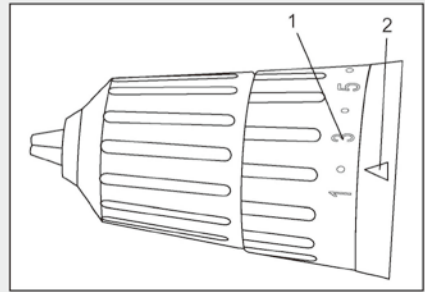


Fig. 4

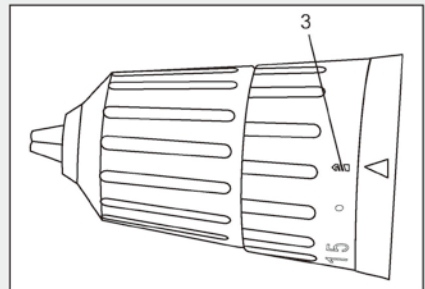


Fig. 5

## 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 or driving screws, 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 chuck is turning.
- b) The trigger switch will NOT function with the forward/reverse switch in the middle position.

- c) Do NOT change the speed-control switch position while drill is turned ON. Damage to the gears may result.

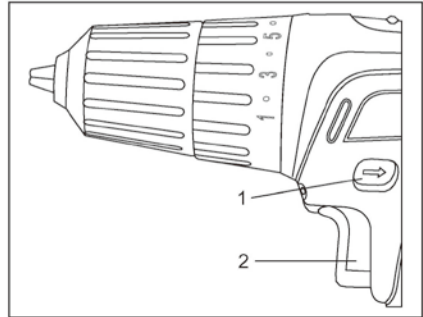


Fig. 6

## TWO-SPEED GEAR BOX SWITCH

Set the speed-control switch (1) to the desired speed (Fig. 7). Slide the speed-control switch FORWARD for low-speed operation. Slide the speed control-switch BACK for high-speed operation.

### NOTES:

- a) Use low-speed setting for drilling large holes and for driving screws.
- b) Use high-speed setting for drilling smaller holes.

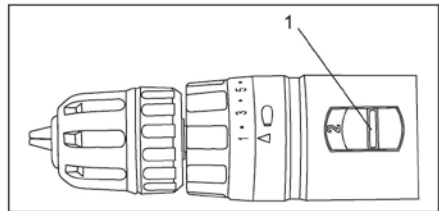


Fig. 7

# ASSEMBLY AND OPERATING

## VARIABLE-SPEED TRIGGER SWITCH

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

1. To start drill, gently squeeze the trigger switch (1) (Fig. 8).

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

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

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

## LED WORK LIGHT

The LED work light (2) will automatically turn ON when the trigger switch (1) is squeezed (Fig. 9). It will automatically turn OFF approximately 30 seconds after the trigger switch is released.

## INSTALLING DRILL BITS

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

This drill is equipped with a keyless chuck.

This chuck is designed to provide easy one-handed tightening and loosening of the chuck jaws.

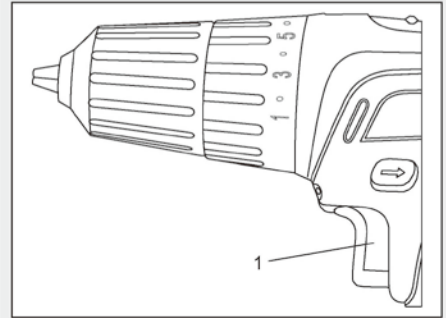


Fig. 8

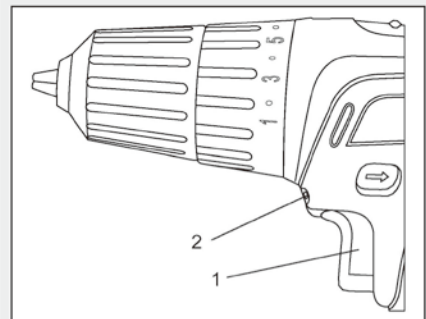


Fig. 9

## ASSEMBLY AND OPERATING

### INSTALLING DRILL BITS – cont'd

1. To open the keyless drill chuck, grasp and hold the chuck body (1) and rotate it in a counter-clockwise direction until the chuck jaws (2) open wide enough to accept the bit (3) (Fig. 10).

**NOTE:** The drill spindle will automatically lock when the drill is stopped.

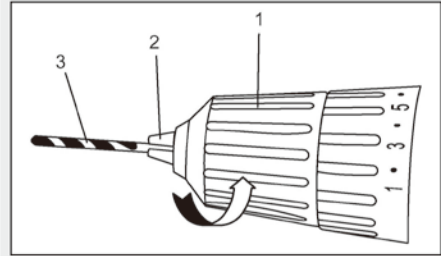
2. Insert the bit into the chuck the full length of the jaws. Raise the front of your drill slightly to prevent the bit from falling out of the chuck jaws.
3. Tighten the chuck jaws onto the bit by turning the chuck body in a clockwise direction.

**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 the drill is started. Make sure the chuck jaws grasp the flat sides of a screwdriver bit.

4. Finish tightening the chuck jaws. Firmly grasp the chuck body with your hand and rotate it in a clockwise direction.

#### NOTES:

- a) The automatic spindle lock will prevent the spindle from rotating while the chuck body is being tightened.
- b) Continue to rotate the chuck body until the clicking stops and you can no longer turn it any further BY HAND.
- c) Hand-tighten the chuck body. Do NOT use pliers. You will damage the chuck.



**Fig. 10**

## ASSEMBLY AND OPERATING

### INSTALLING DRILL BITS – cont'd

**⚠ WARNING:** Do not insert the drill bit into the chuck and tighten as shown in Fig. 11. The drill bit **MUST** be properly inserted with all three of the chuck jaws holding the bit centred in the chuck. Failure to properly insert drill bit could cause the drill bit to be thrown from the chuck, resulting in possible serious injury or damage to the chuck.

### REMOVING BITS

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

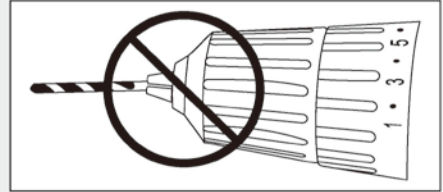


Fig.11

## ASSEMBLY AND OPERATING

### **⚠ WARNING**

For safety reasons, the operator must read the sections of the Owner's Manuals 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 drill is used:

1. Safety glasses, safety goggles, or face shield is being worn.
2. Hearing protection and dust mask are being worn when drilling in concrete.
3. The chuck has not worked loose on the spindle.
4. The bit is in good condition, and is properly tightened into 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 centre punch to mark the desired hole location. This will prevent the drill bit from slipping off centre 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.12)



Fig.12

## ASSEMBLY AND OPERATING

### DRILLING – cont'd

1. Check the drill bit to make sure it is firmly locked into the drill chuck, and verify that the forward/reverse switch is in the forward position.
2. Set torque clutch to the drilling position.
3. Hold the drill 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 does not cover the air vents. Covering these air vents will reduce motor cooling, and possibly lead to overheating the motor.

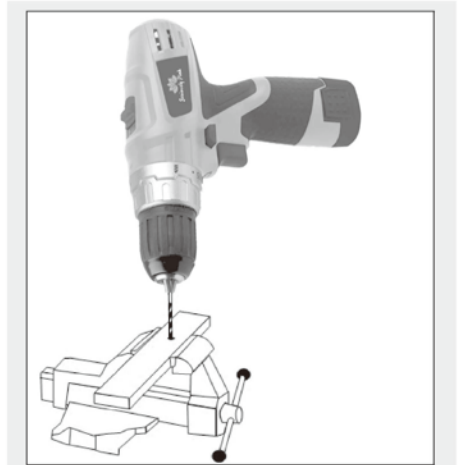
4. While holding the drill firmly, place the point of the drill bit at the point to be drilled. Squeeze the switch trigger to start the drill.

**NOTES:** Always use a faster 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 opposite to the direction of 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 a 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 stalls, release the trigger switch immediately. Remove the bit from the workpiece and determine the reason for jamming.

### **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 18.

**NOTE:** If the 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.

## ASSEMBLY AND OPERATING

### REMOVING THE CHUCK

To remove the chuck:

1. Remove the battery pack from the drill.
2. Insert a 5/16" (8 mm) or larger hex key (not included) (1) into the chuck (2) and tighten the chuck jaws securely (Fig. 13). 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) (not included) in a clockwise direction. This action will loosen the screw in the chuck for easy removal.
4. Open chuck jaws and remove the hex key.
5. Open the chuck jaws as far as possible.
6. Remove the chuck screw using a #2  $\oplus$  screwdriver (Fig. 14) (not included).

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

7. Insert the hex key into the chuck and tighten jaws of chuck securely (Fig. 15). Tap the hex key sharply with a mallet in a **COUNTER-CLOCKWISE** direction. This will loosen the chuck on the spindle. The chuck can now be unscrewed and removed from the spindle by hand.

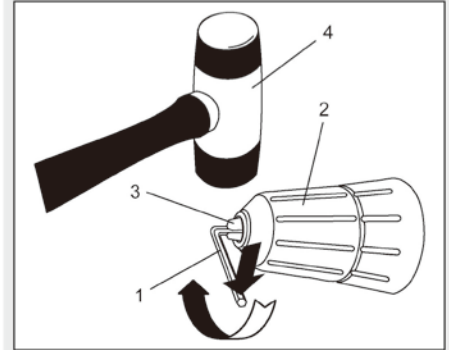


Fig. 13

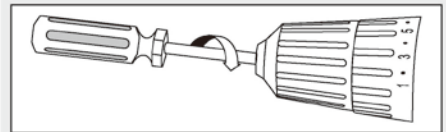


Fig. 14

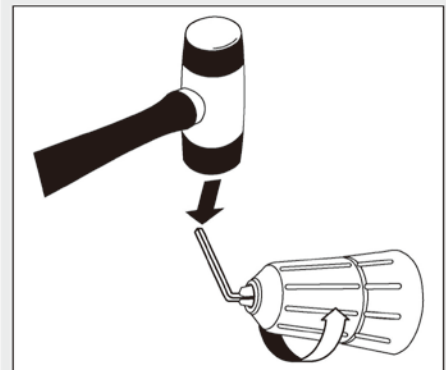



Fig. 15

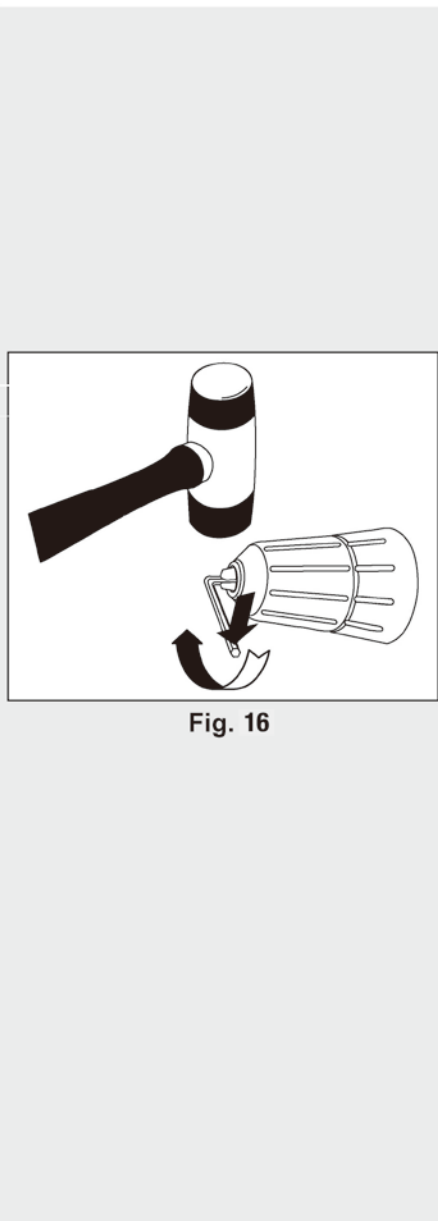
## ASSEMBLY AND OPERATING

### RETIGHTENING A LOOSE CHUCK

After installing a chuck that has previously been removed, the chuck may become loose on the spindle and develop a wobble. Also, the chuck screw may become loose, causing the chuck jaws to bind and prevent them from closing. To tighten the chuck, follow these steps:

1. Insert the hex key into the chuck and tighten the chuck securely.
2. Tap the hex key (not included) sharply with a mallet (not included) in a **CLOCKWISE** direction (Fig. 16). This will tighten the chuck on the spindle.
3. Open the chuck jaws and remove the hex key.
4. Tighten the chuck screw using a #2  screwdriver.

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



**Fig. 16**

# 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.

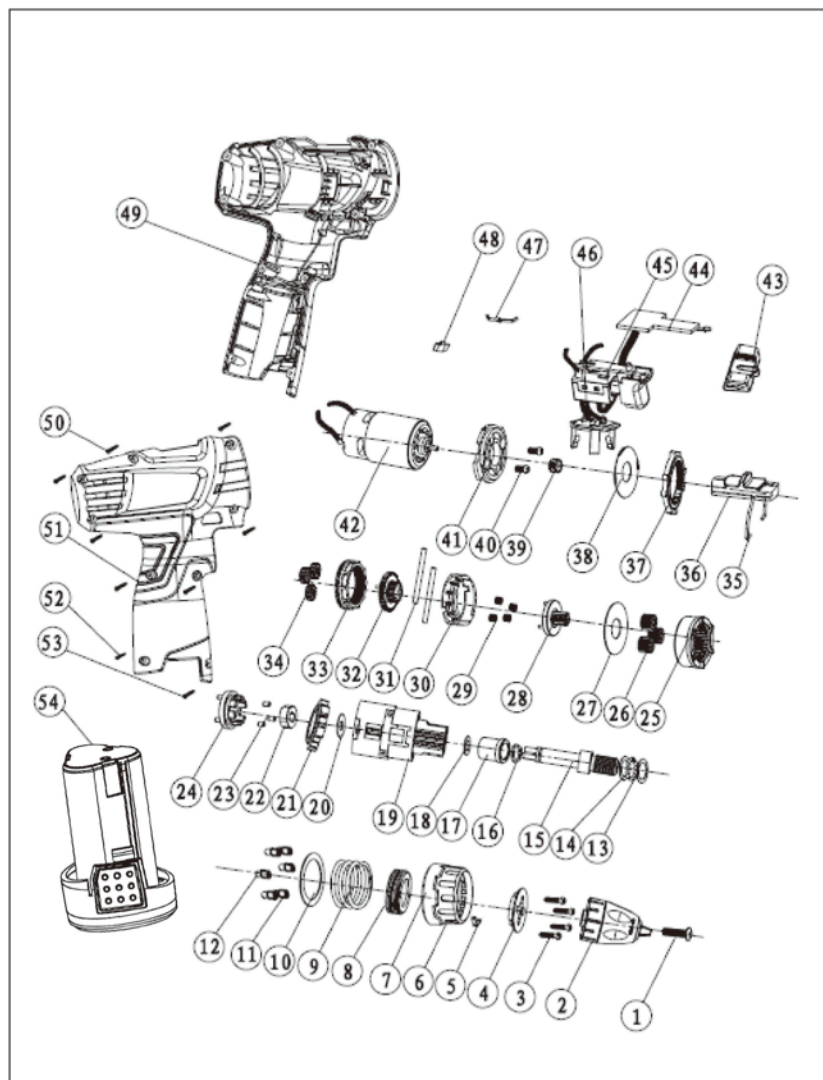
DO NOT abuse power tools. Abusive practices can damage the tool and the workpiece.

**⚠ 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.

# EXPLODED VIEW



## PARTS LIST

**⚠ WARNING:** When servicing, use only Seriously Pink replacement parts. The use of any other parts may create a safety hazard or cause damage to the cordless drill.

Any attempt to repair or replace electrical parts on this cordless drill 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.

**Always order by PART NUMBER, not by key number**

1	4020030001	Chuck screw	1	36	3120120120		1
2	1140050016	Chuck	1	37	2010090064	Fixed ring gear	1
3	4030010034	Tapping screw	4	38	2030020219	Washer	1
4	1180020001	Compressing plate	1	39	2010180044	Motor Gear	1
5	2050070055	Positioning spring	1	40	4020010028	Screw	2
6	3120080109	Torque setting ring	1	41	3150090039	Motor flange	1
7	3120080110	Torque cover ring	1	42	1030030051	Motor assembly	1
8	3150190131	Inner threaded ring	1	43	3120030112	FWD/REV lever	1
9	2050060153	Spring	1	44	1130040040	PCB	1
10	2030020217	Washer	1	45	1060190001	Switch assembly	1
11	4110030020	Needle roller	6	46	1180060026	Contact plate	1
12	4080040002	Ball group	6	47	2050070002	Lever	1
13	2030020216	Washer	2	48	3160060058	lens	1
14	4080020002	Small ball group	15	49	3010010165	Left housing	1
15	1170040030	Shaft	1	50	4030010031	Tapping screw	7
16	4100020006	Fixing Ring	1	51	3010010165	Right housing	1
17	2010080040	Shaft coat	1	52	4030010012	Tapping screw	1
18	2030020216	Washer	1	53	4030010026	Tapping screw	1
19	3150070069	Gear box	1	54	1070060048	Battery Pack	1
20	2030020215	Washer	1	55			
21	2010240036	Shaft lock ring	1	56			
22	2010230013	Driving block	1	57			
23	4110020030	Needle roller	3	58			
24	1170070070	Planetary carrier	1	59			
25	2010090062	Gearing ring	1	60			
26	2010010093	Planetary gear	3	61			
27	2030020218	Washer	1	62			
28	1170070068	Planetary carrier	1	63			
29	2010010091	Planetary gear	4	64			
30	3150160150	Limit Position Ring	1	65			
31	4110010012	Needle roller	2	66			
32	1170070069	Planetary carrier	1	67			
33	2010090063	Moveable ring gear	1	68			
34	2010010090	Planetary gear	3	69			
35	2050080147	2-speed lever	1	70			