

Eastwood

DO THE JOB RIGHT.

Part #70486

18 VOLT LITHIUM ION RECIPROCATING SAW INSTRUCTIONS



With this powerful **Eastwood Cordless Reciprocating Saw** you will be able to cut through most anything in auto repair, home remodeling or other projects. The high performance, variable speed motor drives the blade at 0-3000 strokes per minute. It has an aggressive cutting stroke length of 22mm. The pivoting shoe with open top allows maximum visibility. The tool is complemented with anti-slip rubber grips for safe, comfortable handling. Accepts standard saw blades. Included are an 18V lithium ion Reciprocating Saw, one hour fast charger, and a rechargeable battery that is interchangeable with other Eastwood 18v Cordless Tools.

SAFETY INFORMATION

GENERAL SAFETY

- Wear approved eye wear at all times when operating the tool for protection from possible ejected metal chips.

WORK AREA SAFETY

- Keep loose clothing, jewelry, and long hair away from moving components as serious personal injury can occur.
- Keep work area well lit and clean.
- Never operate in an area with explosive or flammable liquids, gases, or dust. Electric power tools create sparks which can cause an explosion.
- Do not operate around children or other bystanders.
- Always make sure the work piece is securely clamped or anchored to allow two-handed operation of the saw.

PERSONAL SAFETY

- Utilize eye protection approved by ANSI standards for the specific work area.
- Utilize breathing protection approved by NIOSH standards for the specific work area.
- Remove any items from the moving parts of the tool that could come loose during use.

VIBRATION SAFETY

- During use this tool causes vibration.
- Long term usage of tools which create vibration could cause physical injury.
- Wear gloves to reduce the exposure to vibration.
- Hold tool lightly to reduce transfer of vibration of tool to the hands.

POWER TOOL USE SAFETY

- Hold tool securely as the tool body can suddenly kick back or twist causing severe hand or wrist injury. Two handed operation is recommended.
- Do not use accessories that are broken or cracked.
- Store tool out of reach of children and others unfamiliar with its use.
- Disconnect the battery from the tool while it is not in use.
- Do not use the tool if the trigger does not turn the tool on and off.
- Before each use inspect the tool for broken or binding parts. If damaged, repair before use.

BATTERY SAFETY

- Do not allow battery to be exposed to wet conditions. Store the tool and battery in a dry location.
- Only use battery pack specifically manufactured for this tool.
- Only use the charger specifically manufactured for this tool.
- If liquid is emitted from the battery; avoid contact. If contact occurs wash with water and seek additional medical help.

SPECIFICATIONS

TOOL SPECS

- **Rated Voltage:** DC 18V
- **Stroke Length:** 0.87" (22mm)
- **No-Load Speed:** 0-3000spm
- **Battery Cell:** Li-Ion battery, 1500mAh battery

CHARGER SPECS

- **Rated Voltage:** 110V-120V, 60Hz
- **Output Voltage:** DC 18V, 450mA
- **Charging Time:** 1 hr

COMPONENTS & CONTROLS

1. Adjustable Pivoting Blade Shoe
2. Variable Speed Trigger
3. Battery Charger
4. Battery Lock Button
5. Safety Lock Switch



OPERATION

ATTACHING BATTERY PACK TO RECIPROCATING SAW

1. Align the raised portion on the battery pack with the matching grooves in the bottom of the saw.
2. Slide the battery pack into place.
3. Ensure that the battery pack 'snaps' into place and the battery release buttons are properly holding the battery pack in place before use.

DETACHING BATTERY PACK FROM RECIPROCATING SAW

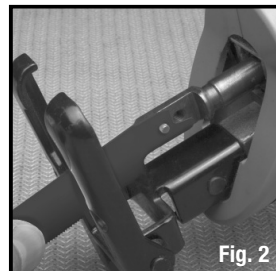
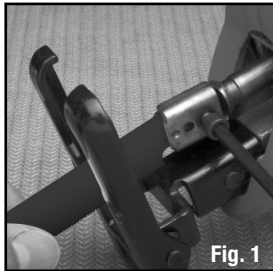
1. Depress both of the battery release buttons on the sides of the battery pack.
2. Slide the battery off the bottom of the wrench.

CHARGING BATTERY PACK

1. Connect the battery pack to the charger by aligning the grooves in both pieces and sliding the battery pack into place.
2. Plug the charger into a 120 VAC (60Hz) outlet.
3. The Red LED on the charger will illuminate when the charger is plugged in.
4. Allow the battery to charge, most charges will take less than 1 hour depending on the current charge state of the battery.
5. When the battery is fully charged the Red and Green LEDs will both be lit.
6. When charging is complete, unplug the charger from the power source and remove the battery from the charger and allow to cool. The battery is now ready to use in the tool.

INSTALLING SAW BLADE

1. Remove the battery pack from the tool. **NOTE:** Failure to remove the battery pack from saw could result in accidental starting causing serious personal injury.
2. Loosen the blade clamp screw enough to allow the saw blade to be inserted between the blade clamp and saw bar. (Fig. 1)
3. Align the hole in the shank of the blade and blade clamp with the pin in the saw bar. (Fig. 2)
4. Tighten the blade clamp screw securely using a hex key. (Fig. 1)
5. Remove the hex key from the blade clamp screw.
6. Reinstall the battery pack.



OPERATING THE RECIPROCATING SAW

1. Disconnect the battery pack from the saw to prevent accidental starting and potential injury while preparing for cutting.
2. Install selected blade into the saw. Do not use blades less than 3.5" long since they will not extend beyond the blade shoe. Different blades are available for different materials and applications; refer to the blade manufacturer suggestions for usage.
3. Mark a cutline on the piece to be cut and secure by using a vise or clamps.
4. Connect the battery pack and hold tool securely.
5. Hold the tool firmly and position the blade near the piece to be cut.
6. To begin, depress the safety lock button followed by the trigger. Speed is regulated by pressure applied to the trigger.
7. Allow the saw blade to come up to speed before making contact with the piece to be cut.
8. When the cut is complete let go of the trigger and the safety lock will automatically reset to the lock position.
9. Remove the battery pack when all cutting has been completed.

MAINTENANCE

- When not in use store in a dry location.
- Disconnect battery pack when the tool is not in use to prevent accidental starting.
- Inspect the tool, battery pack, and charger before each use for damage. If damaged discontinue use.

ACCESSORIES

- 30006 6" 24 TPI Saw Blade - 5 pack
- 30007 6" 14 TPI Saw Blade - 5 pack
- 30008 4" 24 TPI Saw Blade - 5 pack
- 30009 4" 14 TPI Saw Blade - 5 pack

If you have any questions about the use of this product, please contact

The Eastwood Technical Assistance Service Department: 800.544.5118 >> email: techhelp@eastwood.com

PDF version of this manual is available online >> eastwood.com/70486manual

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