

WARNING Disconnect battery pack from tool before making any assembly, adjustments or changing accessories. Such preventive safety measures reduce the risk of starting the tool accidentally.

Preparing the Saw

INSERTING AND RELEASING BATTERY PACK

Set 'Dual speed selector switch and trigger lock' to the center (locked) position. Slide charged battery pack into the housing until the battery pack locks into position (Fig. 1).

Your battery pack is equipped with a secondary locking latch to prevent the battery pack from completely falling out of the handle, should it become loose due to vibration.

To remove the battery pack, press the battery pack release button and slide the battery pack backward. Press the battery pack release button again and slide the battery pack completely out of tool housing.

BLADE SELECTION

No one blade can be efficient on all cutting jobs. Different materials require specially designed blades. Since your reciprocating saw can cut so many materials, many types of BOSCH blades are available. Be sure to use the proper blade to insure proper cutting performance.

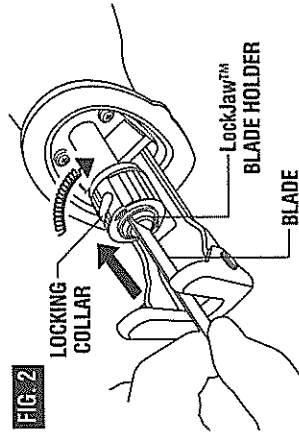


FIG. 2

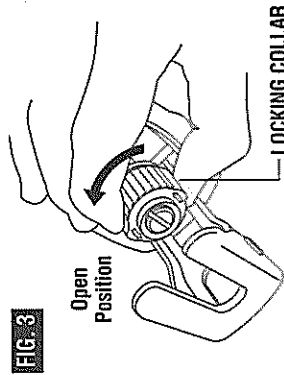


FIG. 3

INSTALLING A BLADE

WARNING Disconnect battery pack from tool before making any assembly, adjustments or changing accessories.

1. Insert the blade into the LockJaw™ blade holder until the locking collar automatically rotates clockwise and locks the blade in place (Fig. 2). **Note:** if the blade will not lock automatically, rotate the locking collar counter-clockwise until it clicks and locks in the open position (Fig. 3).

2. Push in and pull out on the blade to be sure the pin in the clamp housing goes through the hole in the blade to hold the blade securely. The blade may be inserted with the teeth facing down or up.

3. To remove the blade, rotate the locking collar counter-clockwise and the blade will automatically eject from the LockJaw™ blade holder and lock the collar in the open position.

WARNING Make sure that the front end of the blade extends through the footplate for the entire stroke length. Do not use specialty blades that are very short or those with a significant cant. Blade must not contact footplate. A blade which is too short or canted could jam inside the foot and snap.

Operating Instructions

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VARIABLE SPEED CONTROLLED TRIGGER SWITCH

Your tool is equipped with a variable speed controlled trigger switch. The tool can be turned "ON" or "OFF" by squeezing or releasing the trigger. The blade plunger stroke rate can be adjusted from the minimum to maximum nameplate stroke rate by the pressure you apply to the trigger. Apply more pressure to increase the speed and release pressure to decrease speed (Fig. 1).

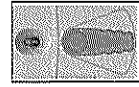
WARNING To reduce the risk of injury immediately discontinue use of the tool if the variable speed control ceases to function. Subsequent loss of on/off control of the trigger switch is likely.

Higher speed settings are generally used for fast cutting or when softer cutting materials such as wood, composite materials, and plastics. Slower speed settings are generally used when precision is required or when cutting harder materials. Materials typically cut using slower speeds include sheet metal, conduit, and pipe.

DUAL SPEED SELECTOR SWITCH AND TRIGGER LOCK

The stroke speed setting of the power tool can be changed with the stroke speed selector switch. However, this is not possible when the On/Off switch is pressed.

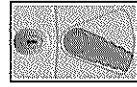
Stroke speed selector switch – central position:



The safety lock is activated.

The On/Off switch is blocked and the machine is secured against being switched on unintentionally.

Stroke speed selector switch – left:

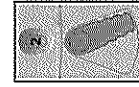


1. Low stroke speed (0-2400/min).

The low stroke speed is suitable for sawing hard materials such as steel, non-ferrous metal, hard plastics or for precision cuts in wood and plunge cutting.

The low stroke speed enables sawing with less vibrations.

Stroke speed selector switch – right:



2. High stroke speed (0-2700/min).

The high stroke speed is suitable for sawing soft materials.

The high stroke speed enables quicker operational progress, e. g., for coarse cuts in wood.

Using the Saw

1. Securely clamp the work.
2. Mark the line of cut and grasp the tool with one hand on the handle and the other placed on the insulated rubber boot over the front housing.

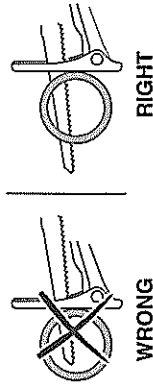
WARNING Always operate the saw with the insulated boot on the front housing. If you saw into a blind area where live wiring exists, you may be shocked or electrocuted.

3. Keep the saw footplate firmly against the work to minimize counter-force (jumping) and vibration.
4. Squeeze the trigger to start the tool. Let the saw reach full speed before starting the cut. Guide the saw so that the blade will move along the marked line.

SAWING TIPS

Following a few simple tips will reduce the wear on the workpiece, the tool and the operator.

1. Blades cut on the draw or back stroke. On fine work, such as paneling, fiberglass, etc., place the good side of workpiece facing down.
2. Use the correct saw blade for the material being cut and keep extra blades on hand to use when others become dull. Replace cracked or bent blades immediately.
3. Select the appropriate cutting speed.
4. To reduce the risk of injury, be sure the blade always extends beyond the footplate and work throughout the stroke. Blades may shatter if the front on the blade hits the work and/or the footplate.



5. When cutting metal:

- Apply a lubricant for easier, smoother, faster cutting and longer blade life.
- For non-ferrous metals, aluminum, bronze or brass, use a stick wax on the blade.
- For ferrous metals, iron and steel, use machine or cutting oil along the surface to be cut.
- 6. When cutting thin metal, "sandwich" the material between two pieces of scrap wood. Clamp or put in a bench vise. One piece of lumber on top of the metal can be used with adequate clamping. Place your cut lines or design on the wood.
- 7. Don't force the cutting. Let the saw and blade do the work.

POCKET CUTS

POCKET/PLUNGE CUTS

The reciprocating saw can be used to make plunge cuts into softer material, (for example, wood or light building materials for walls), without a starting hole (Fig. 4).

1. Mark the line to be cut clearly on the work.
2. Set the tool with one edge of the footplate firmly against the material.
3. Place the tip of the blade (not running) on the line to be cut.
4. Tilt the saw so that the blade clears the work.

5. Squeeze the trigger switch and carefully engage the moving saw blade into the material.
6. After the blade penetrates through the work, continue sawing along the marked outline.

NOTES:

To make plunge cutting easier, use a heavy gauge blade, install the blade with the teeth facing upward, and hold the saw upside down as shown (Fig. 5).

Do not plunge cut in metal surfaces.

In thick materials and in harder materials, such as metal, plunge cutting should not be attempted. Such materials can be cut with the recip saw only by starting the cut with the edge of the material or from a hole drilled all the way through the material that is large enough to fit the saw blade.

WARNING The use of any accessories not specified in this manual may create a hazard.

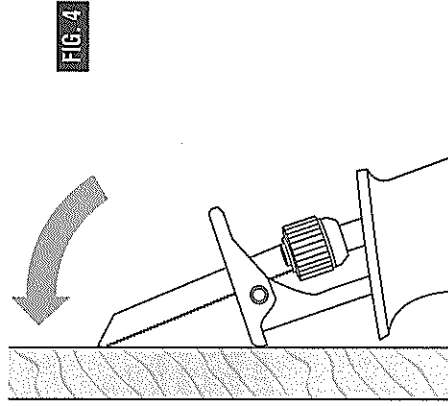


FIG. 4

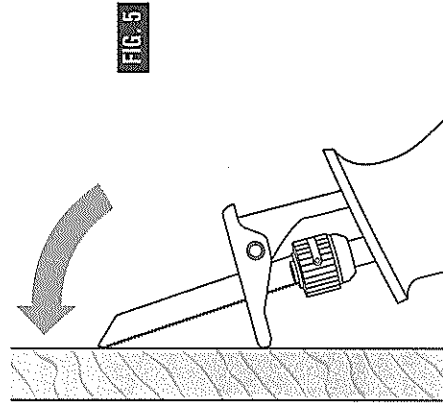


FIG. 5

Maintenance

Service

WARNING NO USER SERVICE-ABLE PARTS INSIDE.

Preventive maintenance performed by unauthorized personnel may result in misplacing of internal wires and components which could cause serious hazard. We recommend that all tool service be performed by a Bosch Factory Service Center or Authorized Bosch Service Station. **SERVICEMEN:** Disconnect tool and/or charger from power source before servicing.

BATTERIES

Be alert for battery packs that are nearing their end of life. If you notice decreased tool performance or significantly shorter running time between charges then it is time to replace the battery pack. Failure to do so can cause the tool to operate improperly or damage the charger.

TOOL LUBRICATION

Your Bosch tool has been properly lubricated and is ready for use.

D.C. MOTORS

The motor in your tool has been engineered for many hours of dependable service. To maintain peak efficiency of the motor, we recommend it be examined every six months. Only a genuine Bosch replacement motor specially designed for your tool should be used.

BEARINGS

Bearings which become noisy (due to heavy load or very abrasive material cutting) should be replaced at once to avoid overheating and motor failure.

Cleaning

WARNING To avoid accidents, always disconnect the tool and/or charger from the power supply before cleaning. The tool may be cleaned most effectively with compressed dry air. Always wear safety goggles when cleaning tools with compressed air.

Ventilation openings and switch levers must be kept clean and free of foreign matter. Do not attempt to clean by inserting pointed objects through opening.

LockJaw™ BLADE HOLDER MAINTENANCE
Use dry compressed air to clean dust and debris from the LockJaw™ blade holder assembly on a regular basis.

Periodically lubricate LockJaw™ blade holder with a dry lubricant such as graphite.

CAUTION

Certain cleaning agents and solvents damage plastic parts. Some of these are: gasoline, carbon tetrachloride, chlorinated cleaning solvents, ammonia and household detergents that contain ammonia.