

RYOBI®

OWNER'S OPERATING MANUAL COMMAND FORCE JIG SAW

Model No. COJ7510E



**DOUBLE
INSULATED**

SPECIFICATIONS

Input	750 watt
No Load Speed	500-3000 spm
Capacity In Wood	100mm
Capacity In Steel	10mm
Capacity In Aluminium	20mm
Cutting Stroke	26mm
Bevel Cutting	0° to 45°
Blade Fitting	Bayonet
Weight	3kg

THANK YOU FOR BUYING A RYOBI COMMAND FORCE JIG SAW

Your new Jig Saw has been engineered and manufactured to Ryobi's high standard for dependability, ease of operation and operator safety. Properly cared for, it will give you years of rugged, trouble free performance.



CAUTION: Carefully read through this entire owner's manual before using your new Jig Saw.

Pay close attention to the Rules for Safe Operation, Warnings, and Cautions. If you use your Jig Saw properly and only for what it is intended, you will enjoy years of safe, reliable service.

Thank you again for buying Ryobi tools.

SAVE THIS MANUAL FOR FUTURE REFERENCE

RULES FOR SAFE OPERATION

■ DOUBLE INSULATION

Double insulation is a concept in safety, in electric power tools, which eliminates the need for earth grounding. Whenever there is electric current in the tool there are two complete sets of insulation to protect the user. All exposed metal parts are isolated from the internal metal motor components with the protecting insulation.



WARNING: When using electric tools, basic safety precautions should always be followed to reduce the risk of fire, electric shock, and personal injury, including the following.
SAFETY FIRST - Read all instructions thoroughly and learn the applications, operating limitations and potential hazards of this tool before attempting to operate it.

■ IMPORTANT

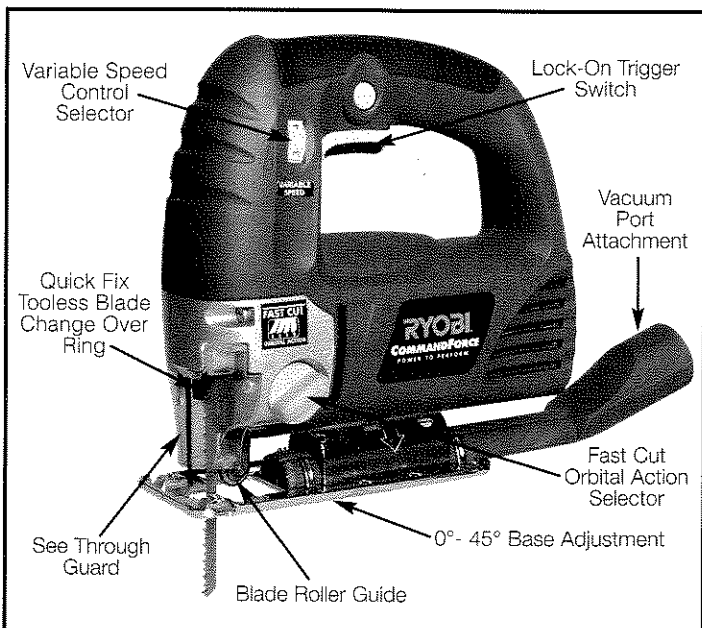
Servicing of a tool with double insulation requires extreme care and knowledge of the system and should be performed only by a qualified service technician. For service, we suggest you return the tool to your nearest **Ryobi Factory** or **Authorised Service Centre** for repair. When servicing, use only identical **Ryobi** replacement parts.

1. **KEEP WORK AREA CLEAN.** Cluttered areas and benches invite injuries.
2. **CONSIDER WORK AREA ENVIRONMENT.**
Don't expose power tools to rain. Don't use power tools in damp or wet locations. Keep work area well lit. Do not use tools in presence of flammable liquids or gases.
3. **GUARD AGAINST ELECTRIC SHOCK.**
Prevent body contact with grounded surfaces. For example; pipes, radiators, ranges, refrigerator enclosures.
4. **KEEP CHILDREN AND VISITORS AWAY.**
Do not let visitors contact tool or extension cord. All visitors should be kept away from work area.
5. **STORE IDLE TOOLS.** When not in use, tools should be stored in dry and high or locked-up place - out of reach of children.
6. **DON'T FORCE TOOL.** It will do the job better and safer at the rate for which it was intended.
7. **USE RIGHT TOOL.** Don't force small tool or attachment to do the job of a heavy-duty tool. Don't use tool for purpose not intended - for example - don't use jig saw for cutting tree limbs or logs.
8. **DRESS PROPERLY.** Do not wear loose clothing or jewellery. They can be caught in moving parts. Rubber gloves and non-skid footwear are recommended when working outdoors. Wear protective hair covering to contain long hair.
9. **ALWAYS WEAR SAFETY GLASSES.** Everyday eye glasses have only impact resistant lenses, they are not safety glasses.
10. **PROTECT YOUR LUNGS.** Wear a dust mask if operation is dusty.
11. **DON'T ABUSE CORD.** Never carry tool by cord or pull it to disconnect from receptacle. Keep cord from heat, oil and sharp edges.
12. **SECURE WORK.** Use clamps or vice to hold work. It's safer than using your hand and it frees both hands to operate the tool.
13. **DON'T OVERREACH.** Keep proper footing and balance at all times.
15. **MAINTAIN TOOLS WITH CARE.** Keep tools sharp and clean for better and safer performance. Follow instructions for lubricating and changing accessories. Inspect tool cords periodically and if damaged, have repaired by authorised service facility. Inspect extension cords periodically and replace if damaged. Keep handles dry, clean and free from oil and grease.
16. **DISCONNECT TOOLS.** When not in use, before servicing and when changing accessories, such as blades, bits and cutters.
17. **REMOVE ADJUSTING KEYS & WRENCHES.**
Form habit of checking to see that keys and adjusting wrenches are removed from tool before turning it on.
18. **AVOID UNINTENTIONAL STARTING.** Don't carry tool with finger on switch. Be sure switch is off when plugging in.
19. **OUTDOOR USE EXTENSION CORDS.** When tool is used outdoors, use only extension cords intended for use outdoors and so marked.
20. **STAY ALERT.** Watch what you are doing. Use common sense. Do not operate tool when you are tired.
21. **CHECK DAMAGED PARTS.** Before further use of the tool, a guard or other part that is damaged should be carefully checked to determine that it will operate properly and perform its intended function. Check for alignment & any other conditions that may affect its operation. A guard or other part that is damaged should be properly repaired or replaced by an authorised service centre. Do not use tool if switch does not turn it on and off.
22. **WEAR EAR PROTECTORS WHEN USING FOR EXTENDED PERIODS.**
23. **ACCESSORIES.** The use of accessories or attachments other than recommended might present a hazard.
24. **REPLACEMENT PARTS.** When servicing use only Ryobi replacements parts.
25. **SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE.**

OTHER SAFETY PRECAUTIONS FOR USING A JIG SAW

1. Use blades suitable for the material to be cut for efficient and safe operation. Make sure the saw blade is secured tightly as described in the operating instructions.
2. Excessive pressure and bending while cutting may break the blade.
3. Make sure that the tool is only connected to the voltage marked on its name plate.
4. Never use a tool if its cover or any bolts are missing. If the cover or bolts have been removed, replace them prior to use. Maintain all parts in good working order.
5. Always secure tools when working in elevated positions.
6. Never touch the blade or other moving parts during use.
7. Never start a tool when the saw blade is in contact with the workpiece.
8. Never lay a tool down before its moving parts have come to a complete stop.
9. Make sure jig saw blade is securely mounted. An improperly mounted blade is extremely dangerous as it could fly off or break during sawing.
10. Do not wear cloth gloves or a necktie as they could become caught in the blade.
11. Hold the tool securely with both hands. If not held securely, accidents or injury may result.
12. Cutting with the body fixed in a vise is extremely dangerous.

■ GENERAL VIEW MODEL COJ7510E



■ STANDARD ACCESSORIES

- 1 x 120mm Wood Cutting Blade
- 1 x 85mm Metal Cutting Blade
- Allen Key
- Side Fence
- Vacuum Port Attachment

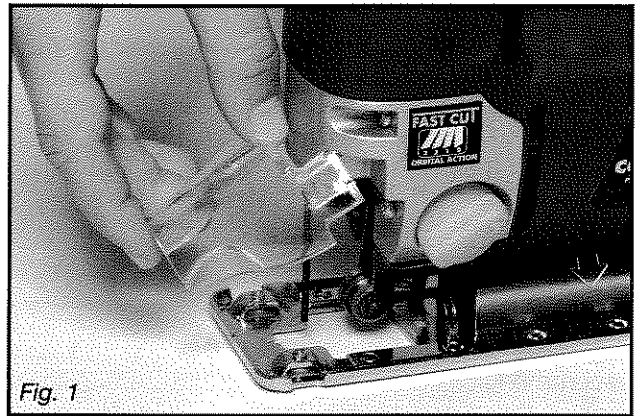
■ APPLICATIONS

(USE ONLY FOR THE PURPOSE LISTED BELOW)

1. Cutting wood and resin boards and thin metal sheets according to the specifications listed on the front of the owner's manual.

■ FLIP UP SEE THROUGH GUARD

Lift see through guard from bottom & swing up.



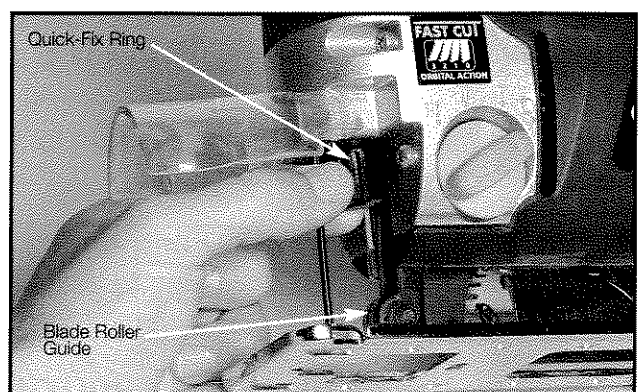
■ QUICK-FIX BLADE INSTALLATION



WARNING: Be sure to disconnect the plug from the power source before installing the blade.

Your new jig saw is fitted with a Quick-Fix Blade System and does not require tools for removal or replacement.

1. First lift clear eye shield (Fig. 1).
2. With the thumb and forefinger on either side of the Knurled Quick-Fix Ring, rotate in a clock-wise direction. This unlocks the Quick-Fix Ring.
3. Insert the blade fully into the slot on the Quick-Fix Ring ensuring the back of the blade is supported by the blade roller guide as shown below.
4. While holding the blade in the Quick-Fix Ring, remove thumb and forefinger from the ring. The Quick-Fix Ring will automatically spring back, locking the blade within the holder.



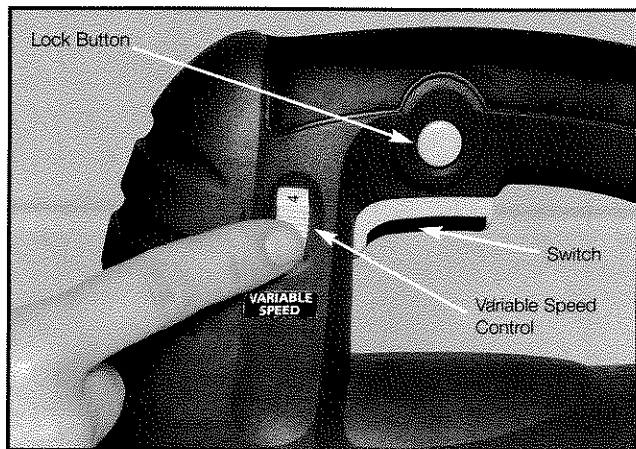
■ SPECIAL NOTE

If you encounter difficulty inserting the blade or removal of blade, move the blade plunger shaft in a forward direction and insert or remove the blade as in item 2 and 3

■ SWITCH

Your jig saw starts and stops by depressing and releasing the switch. For continuous operation, press the lock button while switch is depressed. Depress again to release the lock.

Model COJ7510E is equipped with variable speed control to allow selection of the correct speed for the material being cut.



■ FASTCUT ORBITAL CUTTING ACTION ADJUSTMENT

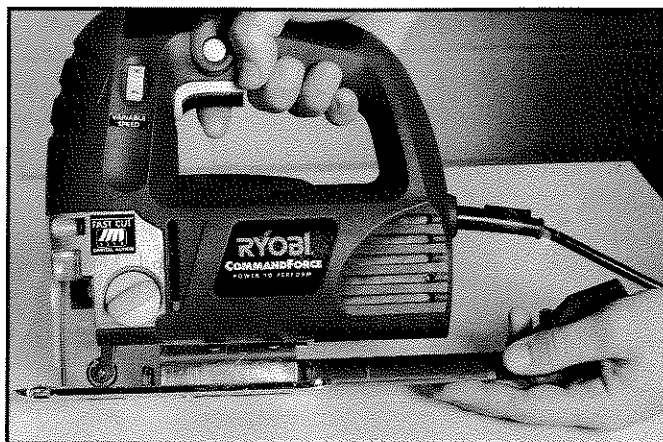
Your jig saw features a four stage orbital cutting action system. Position "0" is the non orbital action setting used for metal cutting and slow cutting applications such as pattern making. Positions "I, II and III" are the orbital cutting action positions.



Position	Material
0	Thin materials, fine cuts, tight curves.
I	Hard materials (eg steel & chipboard)
II	Thick materials (eg wood) & plastics
III	Fast cuts (eg softwood). Cutting in the direction of the wood grain.

■ DUST COLLECTION SHUTE INSTALLATION

The dust can be collected by using a dust collection system, such as a vacuum cleaner etc. Slide Vacuum Port Attachment from rear of machine until it clicks into position.



■ OPERATION

NEVER COVER AIR VENTS. THEY MUST ALWAYS BE OPEN FOR PROPER MOTOR COOLING.

● STARTING

For accurate cutting start the cut on a slower speed, hold the tool at right angles to the work. Hold the base of the tool in firm contact with the work.

● ARC CUTTING

In cases of small circle or arc cutting, reduce the cutting speed compared to ordinary straight cutting. **NOTE:** Too much pressure may break the blade when cutting arc circles. Do not use pendulum action when cutting tight circles or angles.

● METAL CUTTING

Use a finer tooth blade for ferrous metals and a course tooth blade for non-ferrous metals. When cutting thin sheet metals always clamp wood on both sides of the sheet to reduce vibration or tearing of the sheet metal. Both wood and sheet metal must be cut. Do not force the cutting blade when cutting thin metal or sheet steel as they are harder materials and will take longer to cut. Excessive blade force may reduce the life of the blade or damage the motor. To reduce heat during metal cutting, add a little lubricant along the cutting line.

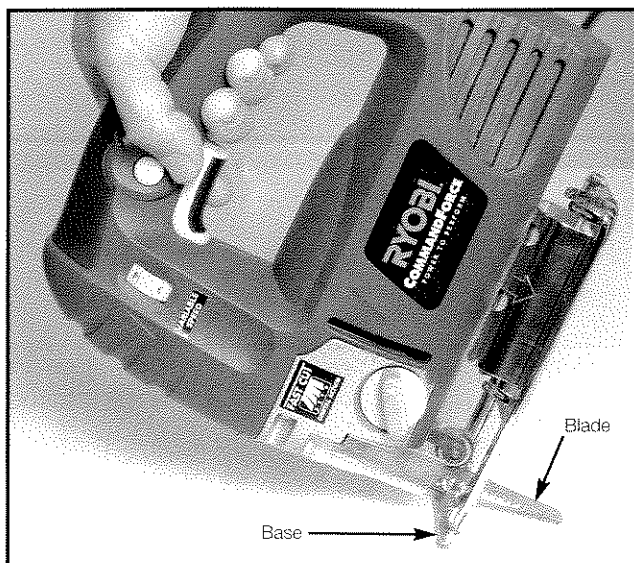
● CUTTING LAMINATES

Use a finer tooth blade when cutting most laminates and thin wood materials. To reduce edge chipping, clamp pieces of waste wood at both ends on both sides and cut through the wood during the cutting.

● CENTRE CUTTING

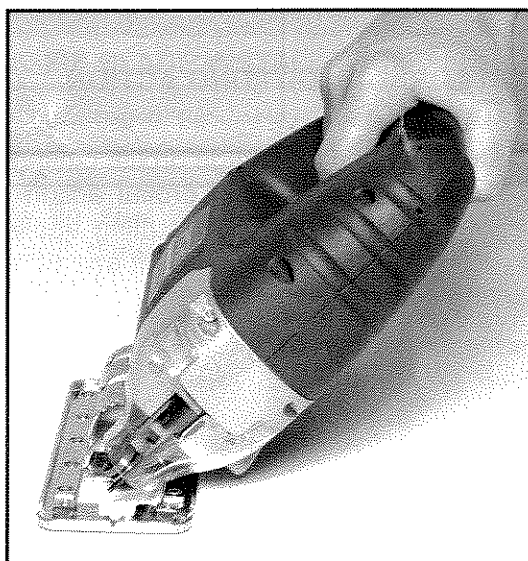
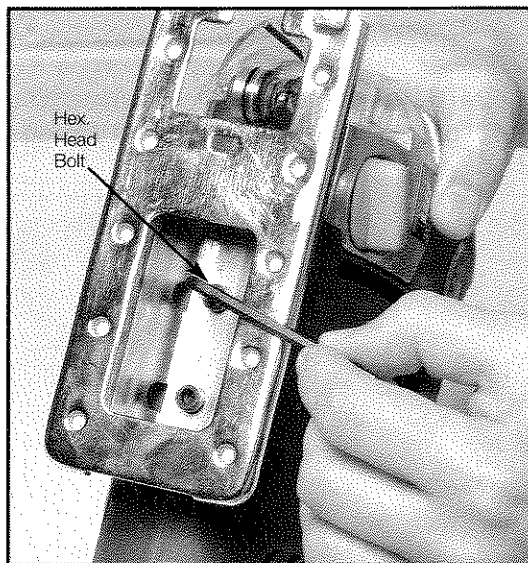
Cutting in the centre of a board can be done without first drilling a starting hole.

Select high speed and rest the base of the jig saw on the work as shown without the blade touching the work. Then slowly lower the moving blade against the board. For materials other than wood, a starting hole must be drilled.



● BEVEL CUTTING

Loosen the hex. socket head bolt at the bottom of the base using the hex wrench key. Next align the bottom line of the housing to the tilt angle scale provided on the base plate, and then fasten the hex. socket head bolt firmly. A bevel cutting of 0°- 45° can be easily carried out.



Bevel Cutting



WARNING: To assure safety and reliability, all repairs with the exception of externally accessible brushes should be performed by AUTHORISED SERVICE CENTRE or other QUALIFIED SERVICE ORGANISATIONS.

RYOBI TECHNOLOGIES AUSTRALIA PTY. LTD.

GUARANTEE



Subject to the guarantee condition below, this Ryobi tool (hereinafter called "the product") is guaranteed by Ryobi (hereinafter called "the Company") to be free from defects in material or workmanship for a period of 24 months from the date of original purchase covering both parts and labour. Under the terms of this guarantee, the repair or replacement of any part shall be the opinion of the Company or its authorised agent. Should service become necessary during the guarantee period, the owner should contact the Authorised Ryobi Retailer from whom the Product was purchased, or the nearest Company Branch Office. In order to obtain guarantee service, the owner must present the sales docket and Guarantee Certificate to confirm date of purchase. This product is sold by the dealer or agent as principal and the dealer has no authority from the Company to give any additional guarantee on the Company's behalf except as herein contained or herein referred to.

Guarantee Conditions

This guarantee only applies provided that the Product has been used in accordance with the manufacturer's recommendations under normal use and reasonable care (in the opinion of the Company) and such guarantee does not cover damage, malfunction or failure resulting from misuse, neglect, abuse, or used for a purpose for

which it was not-designed or is not suited; and no repairs, alterations or modifications have been attempted by other than an Authorised Service Centre. This guarantee will not apply if the tool is damaged by accident or if repairs arise from normal wear and tear.

The Company accepts no additional liability pursuant to this guarantee for the costs of travelling or transportation of the Product or parts to and from the service dealer or agent - which costs are not included in this guarantee.

Certain legislation, including the Trade Practices Act, 1974 (as amended) and other state and territorial laws give rights to the buyer and impose liability on the seller in certain circumstances. Nothing herein shall have the effect of excluding, restricting or modifying any condition, guarantee, right or liability imposed, to the extent only that such exclusion, restriction or modification would render any term herein void.

RYOBI®

RYOBI TECHNOLOGIES AUSTRALIA PTY. LTD.

A.C.N. 002 277 509 Incorporated in N.S.W.

SYDNEY: 359-361 Horsley Road, Milperra, N.S.W.

2214, Phone: (02) 9772 2444

email: info@ryobi.aust.com

MELBOURNE: 960 Stud Road, Rowville, Vic, 3178,
Phone: (03) 9764 8655

HOBART: All Enquiries Phone: 1300 361 505

BRISBANE: All Enquiries Phone: 1300 361 505

PERTH: 33-35 Sorbonne Crescent, Canning Vale,
WA, 6155, Phone: (08) 9455 7775

ADELAIDE: All Enquiries Phone: 1300 361 505

TOWNSVILLE: All Enquiries Phone: 1300 361 505

RYOBI TECHNOLOGIES NEW ZEALAND LIMITED

Auckland: 503 Mt Wellington Highway,
Mt Wellington, NZ, Phone: (09) 573 0230
email: info@ryobi.co.nz

THIS GUARANTEE FORM SHOULD BE RETAINED BY THE CUSTOMER AT ALL TIMES

For your record and to assist in establishing date of purchase (necessary for in-guarantee service) please keep your purchase docket and this form completed with the following particulars.

PURCHASED FROM _____
ADDRESS OF DEALER _____
DATE _____ MODEL NO _____ SERIAL NO _____

Present This Form With Your Purchase Docket When Guarantee Service Is Required