DRAPER®

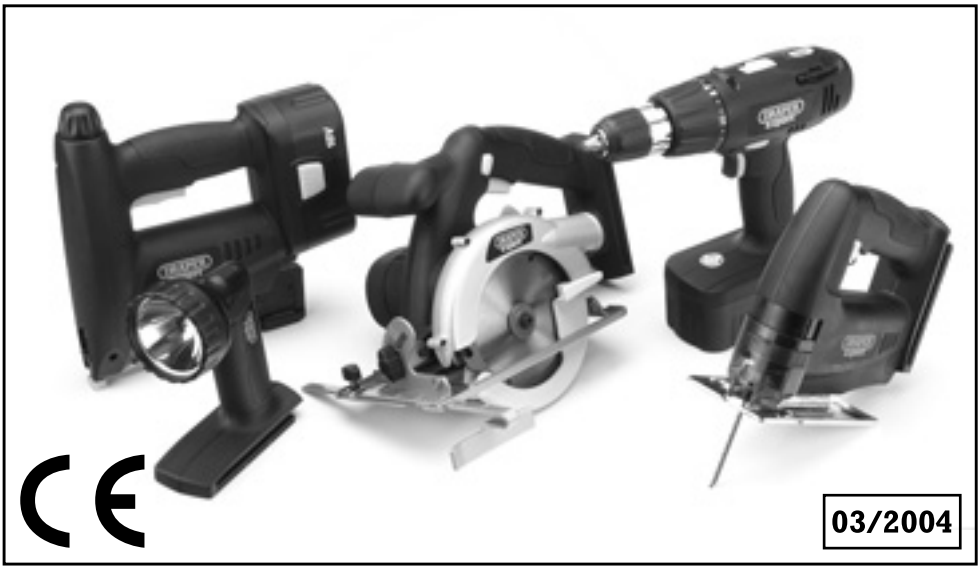
THE TOOL COMPANY

18V 5PC CORDLESS KIT

■ STOCK No.73271 ■ PART No.CK1805

• INSTRUCTIONS •

IMPORTANT: PLEASE READ THESE INSTRUCTIONS CAREFULLY TO ENSURE THE SAFE AND EFFECTIVE USE OF THIS TOOL.



CE

03/2004

GENERAL INFORMATION

This manual has been compiled by Draper Tools and is an integrated part of the product with which it is enclosed and should be kept with it for future references.

This manual describes the purpose for which the product has been designed and contains all the necessary information to ensure its correct and safe use. We recommend that this manual is read before any operation or, before performing any kind of adjustment to the product and prior to any maintenance tasks. By following all the general safety instructions contained in this manual, it will ensure both product and operator safety, together with longer life of the product itself.

All photographs and drawings in this manual are supplied by Draper Tools to help illustrate the operation of the product.

Whilst every effort has been made to ensure accuracy of information contained in this manual, the Draper Tools policy of continuous improvement determines the right to make modifications without prior warning.

18V 5PC CORDLESS KIT

■ STOCK No. 73271 ■ PART No. CK1805

CONTENTS:

DECLARATION OF CONFORMITY

We
Draper Tools Ltd. Hursley Road, Chandler's Ford, Eastleigh, Hampshire.
SO53 1YF. England.

Declare under our sole responsibility that the product:

Stock No:- 73271.

Part No:- CK1805.

Description:- 5 Piece Cordless Tool Kit.

To which this declaration relates is in conformity with the following directive(s)
73/23/EEC, 89/336/EEC, 98/37/EC

JOHN DRAPER
Managing Director

26/02/2004

DRAPER
THE TOOL COMPANY

SPECIFICATION

The Draper Tools policy of continuous improvement determines the right to change specification without notice.

Stock No.	73271
Part No.	CK1805
Battery Pack	2 x 18V DC

DRILL:

Capacity:	
Wood	25mm
Mild Steel	13mm
Masonry	12mm
Max. Torque	290kgf-cm/28Nm
Speed (no load)	0-400/0-1200RPM
Blows Per Minute	15600 max.
Chuck Capacity	13mm
Spindle Thread	1/2" x 20TPI
Sound Pressure Level	87.13dB(A)
Sound Power Level	95.08dB(A)
Vibration Level	8.16m/s^2
Weight (machine & battery)	2.0kg

NAILER:

'T' Nail Capacity	15-32mm
Sound Pressure Level	77.66dB(A)
Sound Power Level	90.27dB(A)
Vibration Level	2.63m/s^2
Weight (machine)	1.8kg

JIGSAW

Cutting Capacity:	
Wood	45mm
Mild Steel	4mm
Stroke Length	15mm
Speed (no load)	400-2700SPM
Sound Pressure Level	74.73dB(A)
Sound Power Level	85.73dB(A)
Vibration Level	3.90m/s^2
Weight (machine)	1.3kg

CIRCULAR SAW:

Blade Diameter	140mm
Blade Bore	10mm
Max. Depth Cut @ 90°	40mm
45°	29mm

SPECIFICATION (cont)

Speed (no load)	4000RPM
Sound Pressure Level	74.90dB(A)
Sound Power Level	85.90dB(A)
Vibration Level	<2.5m/s^2
Weight (machine)	2.6kg
TORCH	
Bulb	10.5W
Bulb Type	Xenon Spot
Weight (machine)	0.3kg

ALWAYS WEAR APPROVED PROTECTIVE GOGGLES, GLOVES DUST MASK & EAR DEFENDERS.

GUARANTEE (Hand held professional electric power tools)

Draper hand held professional electric power tools have been carefully tested and inspected before shipment and are guaranteed to be free from defective materials and workmanship for a period of 12 months from the date of purchase except where tools are hired out when the guarantee period is ninety days from the date of purchase.

Should the machine develop any fault where warranty applies, arrangements will be made for the tool to be returned free-of-charge to the Service Centre at Draper Tools Limited.
Please contact: **DRAPER HELPLINE – (023) 8049 4344**

A proof of purchase must be provided with the tool.

If upon inspection it is found that the fault occurring is due to defective materials or workmanship the product will be repaired and tested as soon as possible free of charge, normally within five working days. This guarantee does not apply to normal wear and tear, nor does it cover any damage caused by misuse, careless or unsafe handling, alterations, accident, or repairs attempted by any personnel other than the Service Centre at Draper Tools Limited or other authorised agent.

Note: If the tool is found not to be within the Terms of Warranty, repair and carriage charges will be quoted and made accordingly.

This guarantee applies in lieu of any other guarantee expressed or implied and variations of its terms are not authorised.

Your Draper guarantee is not effective unless you produce a dated receipt or invoice to verify your proof of purchase within the 12 month period.

Please note that this guarantee is an additional benefit and does not affect your statutory rights.

Draper Tools Limited.

DRAPER
THE TOOL COMPANY

GENERAL SAFETY INSTRUCTIONS FOR POWER TOOLS

WARNING:
Please read the following instructions carefully, failure to do so could lead to serious personal injury. When using electric tools, basic safety precautions, including the following, should always be followed to reduce the risk of fire, electric shock and personal injury. Read all these instructions before operating this product and save these instructions.

IMPORTANT:
Draper Tools Limited recommends that this machine should not be modified or used for any application other than that for which it was designed. If you are unsure of its relative applications do not hesitate to contact us in writing and we will advise you.

1. **KNOW YOUR POWER TOOL**
   Read and understand the owner's manual and labels affixed to the tool. Learn its application and limitations as well as the specific potential hazards peculiar to this tool.
2. **KEEP WORK AREA CLEAN**
   Cluttered areas and benches invite accidents. Floors must not be slippery due to oil or sawdust.
3. **AVOID DANGEROUS ENVIRONMENTS**
   Do not use power tools in damp or wet locations, or expose them to rain. Keep work area well lit. Provide adequate space surrounding the work area. Do not use in environments with a potentially explosive atmosphere.
4. **KEEP CHILDREN AWAY**
   All visitors should be kept a safe distance from work area.
5. **STORED TOOLS**
   When not being used, all tools should be stored in a dry, locked cupboard and out of the reach of children.
6. **WEAR PROPER CLOTHING**
   Do not wear loose clothing, neckties or jewelry (rings, wristwatches) to catch in moving parts. NONSLIP footwear is recommended. Wear protective hair covering to contain long hair. Roll long sleeves above the elbow.
7. **USE SAFETY GOGGLES (Head Protection)**
   Wear CE approved safety goggles at all times. Normal spectacles only have impact resistant lenses, they are NOT safety glasses. Also, use face or dust mask if application is dusty and ear protectors (plugs or muffs) during extended periods of operation.
8. **NOISE LEVELS**
   Some types of machines may have high noise levels when working. In such cases ear protection must be worn.
9. **VIBRATION LEVELS**
   Hand held power tools produce different vibration levels. You should always refer to the specifications and relevant Health and Safety guide.
10. **DUST EXTRACTION**
    If your tool is fitted with a dust extraction fitting, always ensure that it is connected and being used with a dust extractor. Vacuum cleaners can be used if suitable for the material being extracted.
11. **PROTECT YOURSELF FROM ELECTRIC SHOCK**
    When working with power tools, avoid contact with any earthed items (e.g. pipes, radiators, hobs and refrigerators, etc.). If you are using a power tool in extreme conditions (e.g. high humidity or generating metal dust), always use an RCD (residual current device) at the power socket.
12. **STAY ALERT**
    Always watch what you are doing and use common sense. Do not operate a power tool when you are tired or under the influence of alcohol or drugs.
13. **WHEN WORKING OUT OF DOORS**
    Only use extension leads designed for that purpose.
14. **ACCESS TO MAINS SOCKET**
    If a stationary machine is fitted with a moulded plug and cable, the machine should not be positioned so that access to the mains socket is restricted.
15. **DISCONNECT POWER TO THE TOOL**
    When not in use, before servicing and when changing accessories such as cutters, etc.
16. **AVOID ACCIDENTAL STARTING**
    Make sure the switch is in the OFF position before plugging the machine into the power supply.
17. **NEVER LEAVE MACHINE RUNNING UNATTENDED**
    Turn power off. Do not leave machine until it comes to a complete stop.
18. **DO NOT ABUSE THE CORD**
    Never carry the tool by the power cable or pull it from the socket. Keep the power cable away from heat, oil and sharp edges. If the supply cord is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid hazard.
19. **NEVER STAND ON TOOL**
    Serious injury could occur if the tool is tipped or if the cutting tool is accidentally contacted. Do not store materials above or near the tool, so that it is necessary to stand on the tool to reach them.
20. **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 of moving parts, free running of moving parts, breakage of parts, mounting and any other conditions that may affect its operation. A guard or other part that is damaged should be repaired properly or replaced by an authorized service centre unless otherwise indicated in this instruction manual. Have defective switches replaced by an authorized service facility. Do not use the tool if the switch does not turn it on and off.
21. **KEEP GUARDS IN PLACE**
    And in working order.
22. **MAINTAIN TOOLS WITH CARE**
    Keep tools sharp and clean for the best and safest performance. Follow instructions for lubricating and changing accessories. All extension cables must be checked at regular intervals and replaced if damaged. Always keep the hand grips on the tool clean, dry and free of oil and grease.
23. **USE RECOMMENDED ACCESSORIES**
    Consult the owners manual for recommended accessories. Follow the instructions that accompany the accessories. The use of improper accessories may cause hazards.
24. **REMOVE ADJUSTING KEYS AND WRENCHES**
    Form a habit of checking to see that keys and adjusting wrenches are removed from the tool before turning it on.
25. **SECURE WORK**
    Use clamps or a vice to hold work. This frees both hands to operate the tool.
26. **DO NOT OVERREACH**
    Keep proper footing and balance at all times.
27. **USE RIGHT TOOL**
    Do not force the tool or attachment to do a job for which it was not designed.
28. **DO NOT FORCE TOOL**
    It will do the job better and safer at the rate for which it was designed.
29. **DIRECTION OF FEED**
    Feed work into a blade or cutter against the direction of rotation of the blade or cutter only.
30. **WHEN DRILLING OR SCREWING INTO WALLS**
    Always make sure there is no danger of hitting any hidden power cables, water or gas pipes in the wall.
31. **HAVE YOUR TOOL REPAIRED BY A QUALIFIED PERSON**
    This electric tool is in accordance with the relevant safety requirements. Repairs should only be carried out by qualified persons using original spare parts, otherwise this may result in considerable danger to the user.

IMPORTANT NOTE:
Residual Risk. Although the safety instructions and operating manuals for our tools contain extensive instructions on safe working with power tools, every power tool involves a certain residual risk which can not be completely excluded by safety mechanisms. Power tools must therefore always be operated with caution!

ADDITIONAL SAFETY INSTRUCTIONS

CHARGING
This battery was discharged after manufacturing and will therefore require five to ten charges/ discharges before it reaches its capacity.

SAFETY INSTRUCTIONS FOR RECHARGEABLE BATTERIES:
Do not expose to rain or water.
Do not overcharge the battery as this may damage the battery cells.
Ensure that the battery pack is not exposed to direct sunlight, domestic heaters or other sources of heat.
Temperatures of more than 50°C and high moisture levels will damage the battery pack.

HEALTH AND SAFETY FOR BATTERY PACKS:
General
Do not put in a fire or mutilate - the cells may burst or release toxic materials.
Do not short circuit the cells as they may cause burns.

Disposal
Do not mutilate the batteries as corrosive electrolyte will be released.
Do not incinerate - danger of explosion and release of toxic fumes.
Do not dispose of batteries or cells when they are in a charged condition.
Expired nickel-cadmium batteries must be recycled/disposed of in accordance with the appropriate regulations legislation. They should be returned to your local warranty agent/stockist.

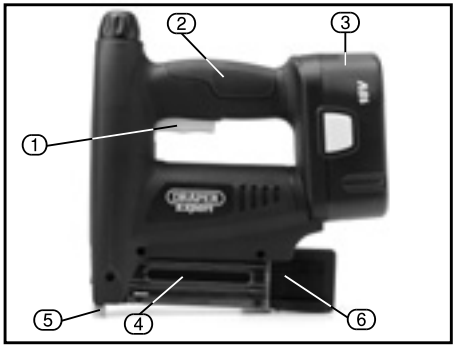
GETTING TO KNOW YOUR KIT

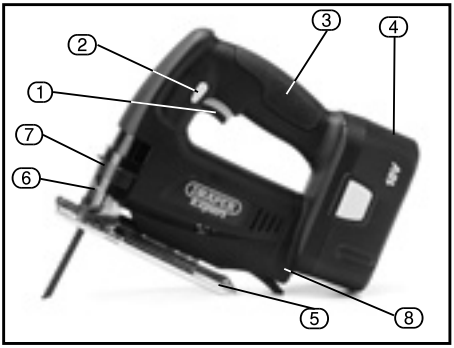
DRILL:

1. Variable Speed Trigger
2. Direction Switch
3. Keyless Chuck
4. Torque Collar
5. Speed Control Switch
6. Soft Grip
7. Battery

NAILER:

1. Trigger
2. Soft Grip
3. Battery
4. Magazine
5. Safety Switch
6. Nail Pusher

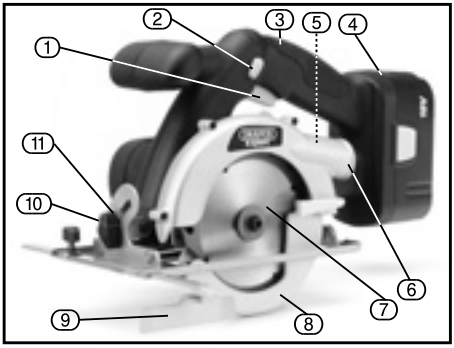




JIGSAW:

1. Variable Speed Trigger
2. Safety Switch
3. Soft Grip
4. Battery
5. Tilting Base
6. Splinter Guard
7. Blade Holder
8. Blade Storage Compartment

GETTING TO KNOW YOUR KIT

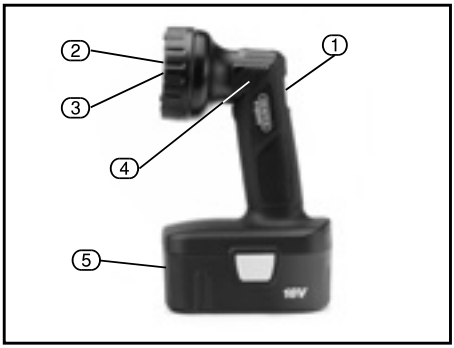


CIRCULAR SAW:

1. On/Off Trigger
2. Safety Switch
3. Soft Grip
4. Battery
5. Height Adjustment Locking Knob
6. Dust Extraction
7. Blade
8. Lower Blade Guard
9. Parallel Guide
10. Bevel Adjustment Locking Knob
11. Spindle lock

TORCH:

1. On/Off Switch
2. Lens
3. Bulb
4. Swivel/Tilting Head
5. Battery



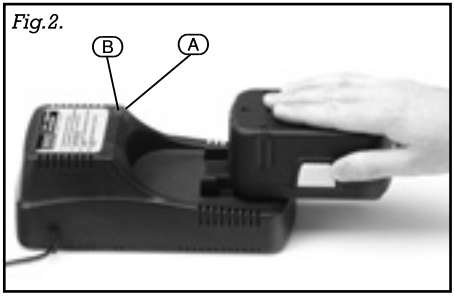
UNPACKING: After removing the packing material, make sure the product is in perfect condition and that there are no visible damaged parts. If in doubt, do not use the 5pc cordless kit and contact the dealer from whom it was purchased.
The packaging materials (plastic bags, polystyrene etc.,) must be disposed of in an appropriate refuse collection container. These materials must not be left within the reach of children as they are potential sources of danger.

OPERATION AND USE

BATTERY CHARGING: (Fig. 1 & 2)
To charge the battery pack, it must first be removed from the tool. To release the battery pack, squeeze the grips located on either side of the battery casing and gently slide the battery pack off (Fig. 1). Plug the battery charger unit into a 230V/A.C. 13amp, three pin socket.
The amber light (A) will illuminate. Slide the battery on to the charger as shown (Fig.2). Do not force. Ensure the battery is inserted correctly. The red light (B) on the charger will now illuminate to show that the battery is fast charging. If the green light illuminates, remove the battery. This indicates the temperature of the battery is too high or low. When the battery is at room temperature, retry. When the battery is fully charged (approx. 1hour), the red light will go out and the green light will illuminate to indicate it is now trickle charging. The battery pack can then be removed and used to power the tool. To refit the battery pack to the tool, push firmly until the battery pack locates and snaps into place.
NOTE: The battery was discharged after manufacturing and will therefore require five to ten charges/discharges before it reaches its full capacity.

Fig.1.

Fig.2.



HAMMER DRILL:
NOTE: Remove the battery pack from the machine before carrying out adjustment, servicing or maintenance.
INSTALLING AND REMOVING BITS: (Fig.3)
The drill is fitted with a keyless chuck, this means that a chuck key is not required to secure the drill or screwdriver bit. Place the drill bit shoulder into the chuck as far as it will go, then hand tighten.
Short screwdriver bits need only be inserted to the depth of the hexagon shank before tightening the chuck by hand.

Fig.3.

DIRECTION SWITCH: (Fig.4)
The switch determines the direction of rotation of the chuck, i.e. clockwise or anti clockwise.
To alter the direction of rotation, stop the drill and push switch (C) to the left or right. When the direction switch is pushed to the left, the chuck will rotate clockwise. When the swish is pushed to the right, the chuck will rotate anti clockwise. Before operation, check that the switch is set in the required position. Do not change the direction of the rotation until the chuck comes to a complete stop.
When the drill is not in use move the direction switch to the neutral position (the middle setting) to lock the trigger out.

Fig.4.

OPERATION AND USE

CHANGING SPEEDS: (Fig.5)
To change the speed of the chuck, slide the two-speed gearbox selection switch (D) forwards for low speed, or backwards for high speed.
IMPORTANT: ONLY CHANGE SPEED WHEN THE MACHINE IS AT STANDSTILL.

Fig.5.

TRIGGER:
When the trigger is depressed, the chuck will rotate (provide the direction switch is set in the forward position). This trigger switch is electronic which enables the user to vary the speed continuously in both gears.
The speed varies according to how far the trigger is depressed. The further it is depressed, the faster the chuck will rotate. The lighter it is depressed, the slower it will rotate.

TORQUE CONTROL: (Fig.6)
By turning the collar (E) it is possible to adjust the amount of torque. In the "twist drill" setting ⌑, The drill/screwdriver has full torque.
In the "hammer drill" setting ⌐, the hammer feature will come into action. This is mostly used for drilling into masonry etc.
Settings 1-22 can be used in either gear and provide a facility for setting the torque to the required level. For example, this means that repetitive driving of screws of the same size will be driven into the material to the same torque, thus giving the same fixing strength, or in the case of countersunk screws, these will all be driven to the same depth in the material.

Fig.6.

The torque control can prevent the heads of small diameter screw being twisted off when correctly set.

SCREWDRIVER BIT HOLDER: (Fig.7)
The drill comes equipped with a bit holder (F) on either side of the housing to hold the two double ended bits supplied.

Fig.7.

OPERATION AND USE

HOLDING THE DRILL: (Fig.8 & 9)
The drill casing is designed to be held comfortably in two ways

1. By the handle.
2. Or by the in-line support grip.

Fig.8.

DRILLING WOOD AND PLASTIC
To prevent splitting around the drill holes on the reverse side, place a piece of scrap timber under the material to be drilled.

DRILLING MASONRY
Start drilling at a low speed to prevent the drill bit from wandering. Once penetration is achieved, fully depress the trigger to achieve maximum speed and hammer power.

Fig.9.

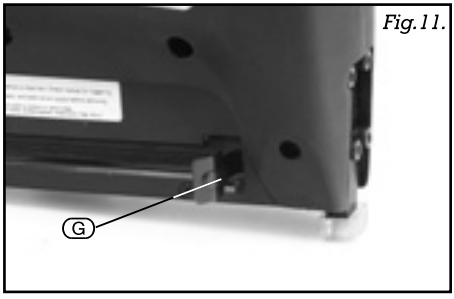
DRILLING METAL
Metals such as sheet steel, aluminium and brass may be drilled. Mark the point to be drilled with a centre punch to help the drill bit tip to locate.

SCREWDRIVING
To prevent slip or damage to the screw head, match the screwdriver bit to the screw head size. To remove screws move the direction switch to the reversing position and apply pressure to the screw head and depress the trigger slowly.

NAILER
NOTE: Remove the battery pack from the machine before carrying out adjustment, servicing or maintenance.

LOADING NAILS (Fig.10-12):
At the right-hand side of the magazine is the nail pusher (G). Pull the tab all the way back until it locks in place. Turn the nailer over.

Fig.11.



OPERATION AND USE

The magazine will accept 15mm nails up to 32mm.
Load the line of nails into the slot behind the viewing window (H), ensuring the nails are the correct orientation. Push the nails forward, behind the window.

Fig.11.

Pull the tab back to release plate (I). Slide the tab forwards under the springs pressure, which will feed the nails all the way forward.

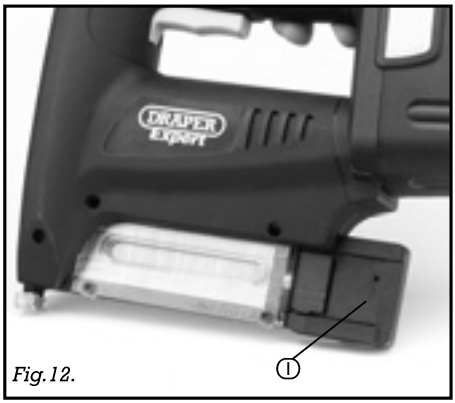


Fig.12.

FIRING THE NAILER: (Fig. 13)
Press the safety lever (J) down onto the material to be fastened and pull the trigger (K) to deploy a fastening.

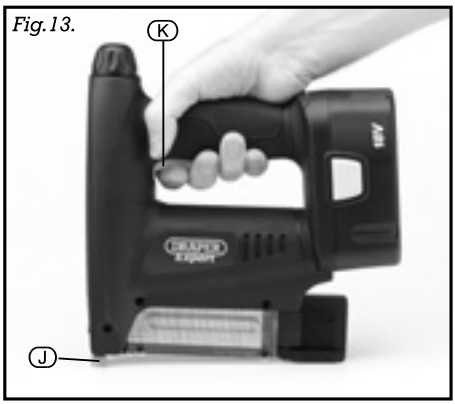


Fig.13.

OPERATION AND USE

ADJUSTABLE DRIVING DEPTH: (Fig.14)
To adjust the driving depth of the faster turn (L) clockwise to increase spring tension or anti-clockwise to increase spring tension.

Fig.14.

UNBLOCKING JAMMED FASTENERS: (Fig.15)
The machine must be disconnected from the battery pack. Should a nail become jammed, it will be necessary to unblock it.
Remove the remaining nails in the magazine as described on the previous page. Slide and lock the pusher to the rear.
Remove the two bolts (M). Remove plate (N) to access the blockage. Ensure the plate is replaced in the same orientation and position as it was removed in.
A small pair of needle nose pliers may be required to free the blockage.
Reload the magazine and retry, only after completely reassembling the chamber.
NOTE: IT IS NOT NECESSARY TO REMOVE EITHER OF BOLTS (O).

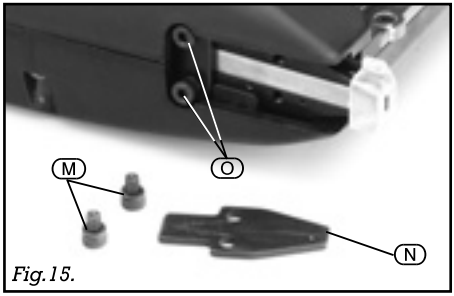


Fig.15.

JIGSAW:
NOTE: Remove the battery pack from the machine before carrying out adjustment, servicing or maintenance.
TRIGGER SWITCH: (Fig.16)
To operate the jigsaw press button (P), pull trigger (Q), and release button (P). Release trigger (Q) to stop the jigsaw.
The trigger is a variable speed type. The more the trigger is pressed the faster the blade reciprocates.

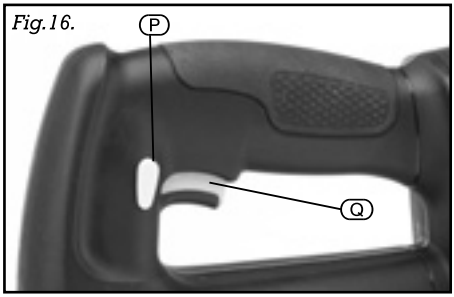


Fig.16.

OPERATION AND USE

NOTE:
The rotation speed is dependent upon the pressure applied during working. Do not over load the machine.

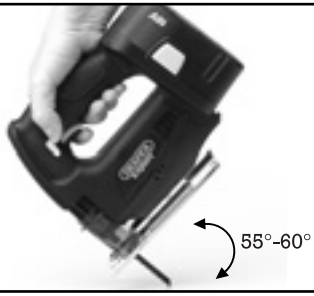
IMPORTANT: Given the special shape of the body, these machines can be operated with only one hand, but for reasons of safety it is strongly advised to keep both hands on the machine during use.

INTERNAL CUTS: (Fig.17)
A hole must be drilled in the material, in order to provide a starting point for the saw blade.
Alternatively the saw blade can be directly inserted into the material (only for wood pieces). **This operation should only be performed by operators with considerable work experience and with short blades only.**

With the machine running at full speed the saw blade should be rested on the work piece at an angle of 55°-60° in relation to the front edge of the base, it should then be pressed, slowly and carefully, onto the material.

The first phase of the operation should be undertaken with great care: sudden counter-strokes and overloads during contact between the blade and work piece, or excessively rapid penetration of the material, can provoke blade breakage.

Fig.17.



BASE ADJUSTMENT: (Fig.18 & 19)
For transit purposes the jigsaw's base is adjusted to the rear. Loosen, but do not remove the 3mm screws (R).
The base can now be adjusted into the left 45°, the 90° or the right 45° positions on the gate. When locked into the correct position of the gate, tighten screws (R) securely.

Fig.18.

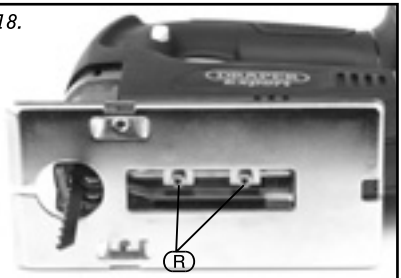
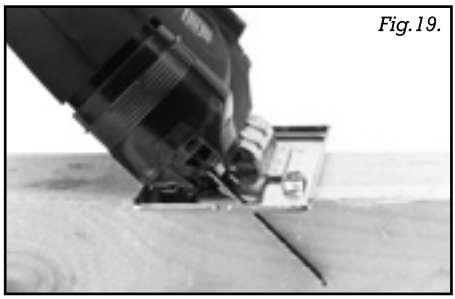


Fig.19.



OPERATION AND USE

SPLINTER GUARD: (Fig.20)
Ensure when cutting that the splinter guard (T) is in position at all times.

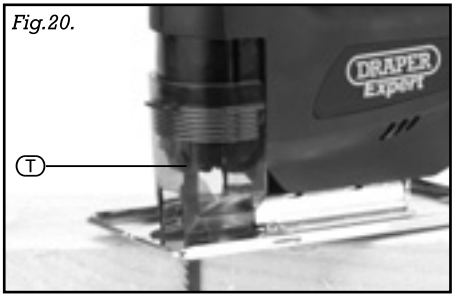


Fig.20.

SAW BLADE FITTING AND REMOVAL: (Fig.21)
Loosen the 3mm screws (U), this will enable the blade (V) to be pulled free. Insert a new blade and tighten the screws (U). For replacement blades refer to the optional accessories (page 19).

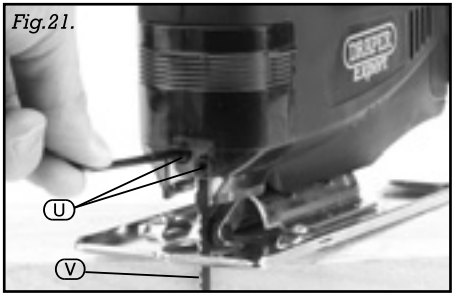


Fig.21.

During cutting operations, make sure that the base is always resting on the work piece.

When cutting metals it is advised to spread a few drops of oil on the cutting line.

Large sheets should always be rested on sufficiently stable supports (chip-board or plywood tables). In this manner dragging is avoided and the elasticity of the material is compensated for.

Small work pieces should be securely clamped in order that they remain in position during working operations.

BLADE STORAGE COMPARTMENT: (Fig.22)
For convenience the jigsaw has a storage compartment at the rear to hold additional blades. Flip down the compartment lid (W) and insert the blade(s) horizontally. Securely close afterwards.

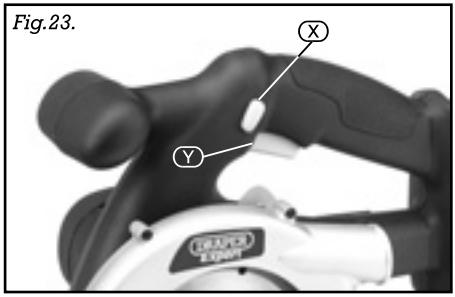
Fig.22.

OPERATION AND USE

CIRCULAR SAW:
NOTE: Remove the battery pack from the machine before carrying out adjustment, servicing or maintenance.

ON/OFF SWITCH: (Fig. 23)
To operate the circular saw press button (X), pull trigger (Y), and release button (X). Release trigger (Y) to stop the circular saw.
NOTE: The circular saw is fitted with a safety switch to prevent accidental starting.

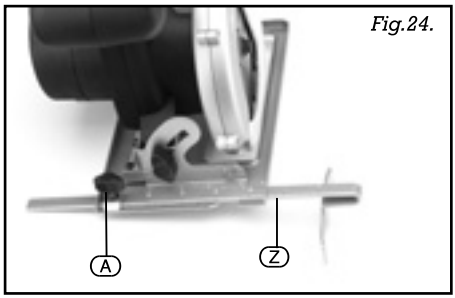
Fig.23.



PARALLEL GUIDE: (Fig. 24)
When requiring a straight parallel cut to a set width, the parallel guide (Z) can be used. Loosen lock (A) to adjust the guide to the desired settings and then retighten. Adjust by performing test cuts on a scrap piece of timber.

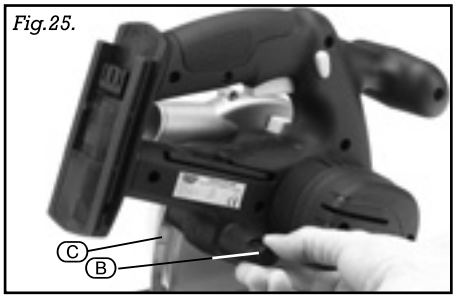
NOTE: The parallel guide is suitable for use on the jigsaw also.

Fig.24.



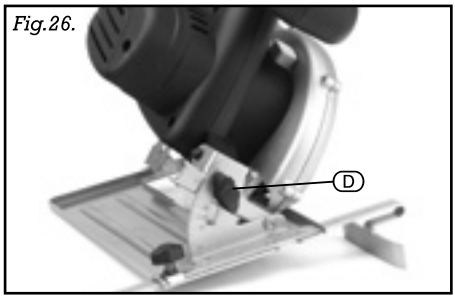
CUTTING DEPTH: (Fig. 25)
To adjust the depth of cut loosen locking lever (B) and set the depth on the guide scale (C) to lock in place again, push down on lever (B).

Fig.25.



BEVEL CUTS: (Fig. 26)
To alter the angle of the cut, loosen locking knob (D) on the front of the base.

Fig.26.



END STOP ADJUSTMENT: (Fig. 27 & 28)
To ensure complete accuracy at 0° the end stop is adjustable. With the battery disconnected slide the blade guard to expose the blade. Measure the blade against the underside of the base using an engineers square to ensure it is at 90°.
NOTE: Check the square is not resting against a blade tooth and that the saw is securely in the 0° position.
If adjustment is necessary loosen the bevel adjustment locking knob (E), then loosen locking nut (F) and turn screw (G) clockwise to increase and anti-clockwise to decrease. When correctly set resecure lock nut (F) without moving screw (G).

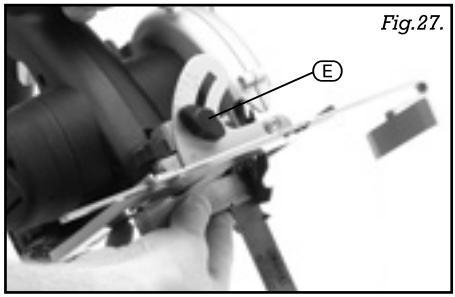


Fig.27.

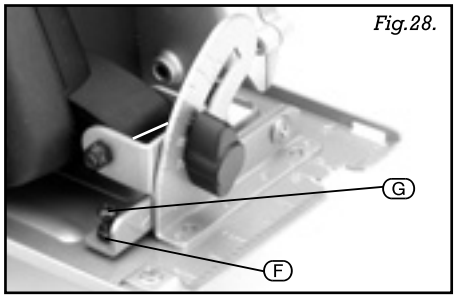


Fig.28.

NOTE: Remove the battery pack from the machine before carrying out adjustment, servicing or maintenance.

CHANGING THE BLADE: (Fig. 29)
Slide the blade guard (H) back, press the spindle lock lever (I) in and using the hex. wrench (J) (clipped into the handle) loosen and remove the blade locking bolt in a clockwise direction. Remove the keyed flange (K). When fitting the new blade ensure the arrow on the blade matches the direction arrow on the lower blade guard.

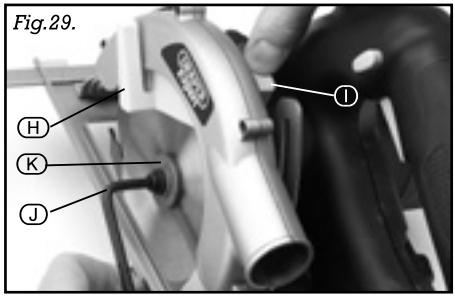


Fig.29.

DUST EXTRACTION: (Fig. 30)
Draper Tools recommend that the dust extraction facility be used in conjunction with a suitable vacuum cleaner to reduce the amount of airborne dust. (Draper Stock No. 64674)

NOTE: It is advisable to use a dust mask in addition to these methods.

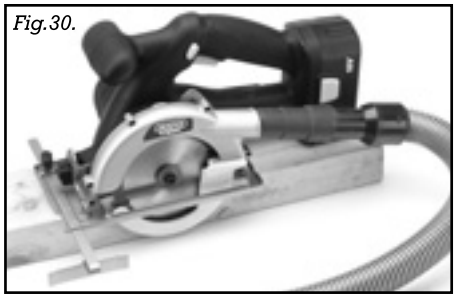


Fig.30.

OPERATION AND USE

TORCH:
ON/OFF SWITCH: (Fig. 31)
To switch the torch on, slide the switch (L) up as shown. To switch off, slide the switch in the other direction.

Fig.31.

HEAD ROTATION: (Fig. 32 & 33)
The torch head (M) maybe rotated through 180° to alter the angle during operation to suit the task.
Simple rotate the head until it clicks into position. To return back, simply rotate in the opposite direction.

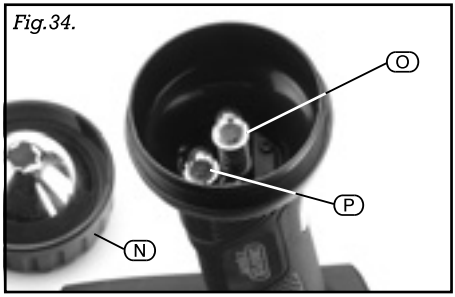
Fig.32.

Fig.33.

BULB REPLACEMENT: (Fig. 34)
Unscrew the lens (N) anti-clockwise and remove. The bulb (O) sits in the spring. A spare bulb can be kept in the holder (P). When replaced, refit the lens.

NOTE: Do not cross the thread or over tighten the lens cap.

Fig.34.



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OPTIONAL ACCESSORIES

MACHINE	ACCESSORY/ SPARE	SIZE	STOCK No.	PART No.
Kit	Battery	18V ~ 1.7Ah	69458	CB181
	Charger	18V ~ 1hr	69487	C181PLUS
Drill	19pc HSS Drill Bit Set	1.0mm - 10.0mm	43785	4840
	25pc HSS Drill Bit Set	1.0mm - 13.0mm	30787	H25
	HSS Drill Bit	1.0mm	12405	H29MP
	HSS Drill Bit	1.5mm	12406	H29MP
	HSS Drill Bit	2.0mm	12407	H29MP
	HSS Drill Bit	2.5mm	12408	H29MP
	HSS Drill Bit	3.0mm	12409	H29MP
	HSS Drill Bit	3.5mm	12412	H29MP
	HSS Drill Bit	4.0mm	12413	H29MP
	HSS Drill Bit	4.5mm	12420	H29MP
	HSS Drill Bit	5.0mm	12414	H29MP
	HSS Drill Bit	5.5mm	12421	H29MP
	HSS Drill Bit	6.0mm	12415	H29MP
	HSS Drill Bit	6.5mm	12422	H29MP
	HSS Drill Bit	7.0mm	12416	H29MP
	HSS Drill Bit	8.0mm	12417	H29MP
	HSS Drill Bit	9.0mm	12418	H29MP
	HSS Drill Bit	10.0mm	12419	H29MP
	17pc Screwdriver Bit Set	Various	64683	MH17T
Nailer	T' Nails	15mm	59823	AAN15
	T' Nails	20mm	59824	AAN20
	T' Nails	25mm	59825	AAN25
	T' Nails	30mm	59826	AAN30
	T' Nails	32mm	59827	AAN32
Jigsaw	10pc Jigsaw Blade Kit	Various	69375	JS12AE
	Jigsaw Blades	10TPI	69364	JS1E
	Jigsaw Blades	6TPI	69365	JS2E
	Jigsaw Blades	9TPI	69366	JS3E
	Jigsaw Blades	6TPI	69367	JS4E
	Jigsaw Blades	6TPI	69373	JS4RE
	Jigsaw Blades	6TPI	69366	JS5E
	Jigsaw Blades	6TPI	69374	JS5RE
	Jigsaw Blades	12TPI	69369	JS6E
	Jigsaw Blades	24TPI	69370	JS7E
	Jigsaw Blades	24TPI	69371	JS8E
	Jigsaw Blades	32TPI	69372	JS9E
Circular Saw	TCT Saw Blade	140mm x 10mm	74762	YCD-OIB0040042
Torch	Xenon Bulb	10.5W, 0.58A	74817	YCD-OIA0100130

MAINTENANCE

Regular inspection and cleaning reduces the necessity for maintenance operations and will keep your tool's in good working condition. The tool bearings and gears are life-long lubricated. The motor must be correctly ventilated during tool operation. For this reason avoid blocking the air inlets with hands. After use disconnect the tool from the power supply and vacuum carefully through ventilation slots.

DISPOSAL:
At the end of the machine's working life, or when it can no longer be repaired, ensure that it is disposed of according to the standard regulations of the country in which it is being used, and that the disposal operation is carried out by specialized personnel following authorised guidelines. In all circumstances:

-Do not abandon in the environment;

-Do not dispose of together with solid urban waste products;

-Contact the special recycling centres.

WARNING - Disconnect the machine from the Battery before replacing any parts.

REPLACING THE POWER SUPPLY CABLE (1HR FAST CHARGER)
Check that the power supply cable is in good condition, if not have it replaced by an authorised person.

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NOTES

NOTES

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