

DRAPER®

INSTRUCTIONS FOR 1260W Bench Planer

Stock No.78941

Part No.BPL155V

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



WARNING:
Prior to starting the
planer ensure the spindle
lock is not engaged
- See page 10

CE

04/2005

DRAPER®

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.



CONTENTS

Contents 1
 Specification and Guarantee 2
 Power Supply 3
 General Safety Instructions 4-5
 Getting to Know Your Planer 6
 Assembly 7
 Operation and Use 8-9
 Maintenance 10-11



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:- **78941.**
 Part No:- **BPL155V.**
 Description:- **Bench Planer.**
 Notified Body: SGS United Kingdom Ltd.
 Unit 10
 Bowburn South Industrial Estate
 Bowburn
 Durham
 DH6 5AD
 Notified Body Number 0353
 File reference number DUR 43325/1

To which this declaration relates is in conformity with the following directive(s) **98/37/EC & 89/336/EEC.**

With reference to: **prEN61029-2-3:1997, EN61029-1:2000, EN55014:1993, EN55014-2:1997, EN61000-3-2:1995, EN61000-3-3:1995.**

J.N. Draper
 Managing Director

23/06/2005



SPECIFICATION

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

Stock No.	78941
Part No.	BPL155V
Voltage	230V/50Hz
Motor	1260W
Cutting Capacity	
Depth	0-2.5mm
Width	155mm
Sole Plate Length	690mm
Cutter Block Revolutions (No Load).....	8,000-15,500/min
Sound Pressure Level	98.25dB(A)
Sound Power Level	111.25dB(A)
Vibration Level	<2.5m/s ²
Weight (Machine only).....	13Kg

Always wear an approved dust mask, safety goggles and ear protection.



GUARANTEE

Draper tools have been carefully tested and inspected before shipment and are guaranteed to be free from defective materials and workmanship.

Should the tool develop a fault, please return the complete tool to your nearest distributor or contact Draper Tools Limited, Chandler's Ford, Eastleigh, Hampshire, SO53 1YF. England. Telephone: (023) 8026 6355.

If upon inspection it is found that the fault occurring is due to defective materials or workmanship, repairs will be carried out free of charge. This guarantee period covering parts/labour is 12 months from the date of purchase. This guarantee does not apply to normal wear and tear, nor does it cover any damage caused by misuse, careless or unsafe handling, alterations, accidents, or repairs attempted or made by any personnel other than the authorised Draper warranty repair agent.








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 can produce upon request a dated receipt or invoice to verify your proof of purchase within the 12 months period.

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

Draper Tools Limited.

- Connecting to the Power Supply:

To eliminate the possibility of an electric shock your machine has been fitted with a BS approved, non rewirable moulded plug and cable which incorporates a fuse, the value of which is indicated on the pin face of the plug. If the plug is marked with the  symbol and the fuse needs replacing, an  approved BS1362 fuse must be used of the same amp rating. If the plug is not  marked, a fuse with the  symbol,  BS Kitemark, or both  and  BS Kitemark, of the same amp rating should be used.

- The fuse cover is detachable, never use the plug with the cover omitted. If a replacement fuse cover is required, ensure it is the same colour as that visible on the pin face of the plug (i.e. red). Fuse covers are available from your Draper Tools stockist.

If the fitted plug is not suitable, it should be cut off and destroyed. *The end of the cable should now be suitably prepared and the correct type of plug fitted. See below.

- *WARNING:

A plug with bare flexible wires exposed is hazardous if engaged in a live power socket outlet.

- WARNING: THIS APPLIANCE IS DOUBLE INSULATED. 

- The mains lead is coloured Blue – Neutral, Brown – Live.
- As these colours may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:
- The wire which is coloured blue must be connected to the terminal which is marked with the letter 'N' or coloured black or blue.

The wire which is coloured brown must be connected to the terminal which is marked with the letter 'L' or coloured red or brown.

- EXTENSION LEAD CHART:

Extension lead sizes shown assure a voltage drop of not more than 5% at rated load of tool.

Ampere rating (on Name plate)	3	6	10	13
Extension cable length (Metres)	Wire Size mm ²			
7.5	0.75	0.75	1.0	1.25
15	0.75	0.75	1.0	1.5
22.5	0.75	0.75	1.0	1.5
30	0.75	0.75	1.25	1.5
40	0.75	0.75	1.5	2.5

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 jewellery (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!

1. Before initial use and at regular intervals check the blade assembly is secure and adjusted correctly.
2. Never remove any of the machines safety guards except for servicing or maintenance.
3. Never make cuts greater than 2.5mm.
4. Always wear approved safety equipment during use.
5. Always work on a stable and level surface.
6. Never over reach or place fingers near the blade assembly.
7. This machine is not designed to and must not be used to cut rebate, recess, tenon or mould.



Never wear gloves.



Always wear ear protection.

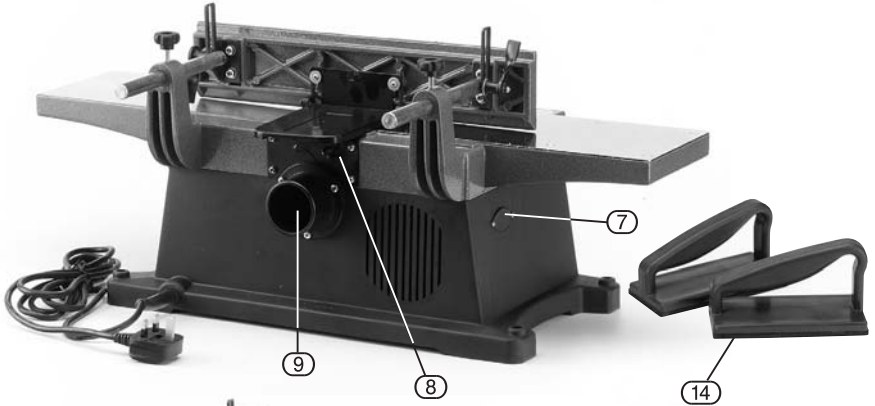


Always wear a dust mask.

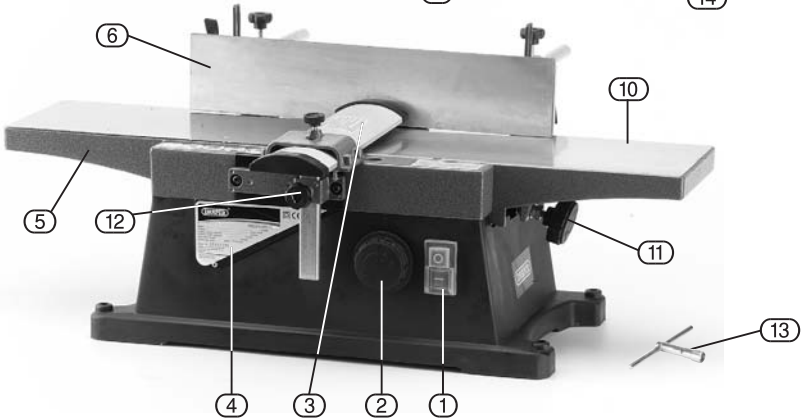


Always wear approved safety goggles.

BACK



FRONT



- | | |
|---------------------------------|--|
| ① No-Volt On/Off Switch. | ⑧ Spindle Lock. |
| ② Variable Speed Dial. | ⑨ Dust Extraction Port. |
| ③ Blade Guard/Workpiece Guide. | ⑩ Height Adjustable Planer Feed Table. |
| ④ Drive Belt Compartment Cover. | ⑪ Table Height Adjustment Knob. |
| ⑤ Planing Table (Fixed). | ⑫ Workpiece Guide Height Locking Knob. |
| ⑥ Sliding/Tilting Fence. | ⑬ Blade Clamp Wrench. |
| ⑦ Service Panel. | ⑭ Pressure Pad (x2). |

- **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 planer 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.

- **Note:** Remove the plug from the socket before carrying out adjustment, servicing or maintenance.

- **SLIDING/TILTING FENCE (Fig.1.):**

The machine requires little assembly. For transit purposes the fence is positioned face down on the table.

Slide the blade guard/workpiece guide (A) across.

Loosen the tilt locking levers (B) and fold the fence up. When the fence is set to 90° secure by locking levers (C).

Slide the fence out of its guides. Flip it over (180°) and insert it back into the guides, sliding it toward the back of the table. Install both the locking knobs (C) and tighten to secure.

- **BLADE GUARD/WORKPIECE GUIDE (Fig.2.):**

Loosen locking knob (D) to adjust the height. Resecure to lock the height.

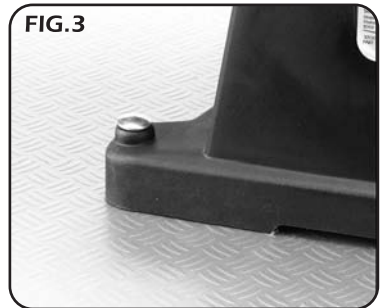
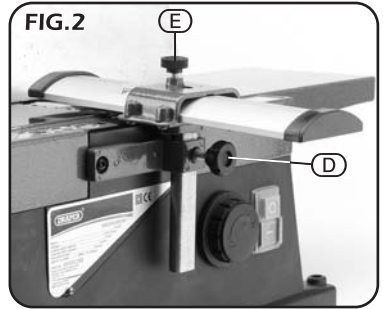
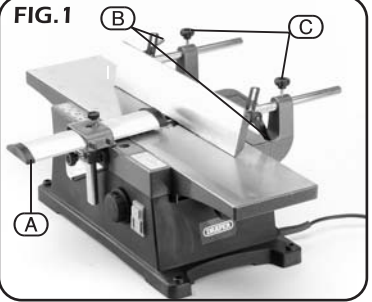
Install locking knob (E), slide the guard over the blade assembly and tighten to lock in position.

- **BENCH MOUNTING (Fig.3.):**

This type of product must be secured to a suitable work surface.

There are four holes in the base for mounting, however no fixings are supplied as the surface material and thickness will differ greatly.

When choosing a mounting location consider the working height and area around the table. Allow sufficient space for longer workpieces to be entered onto the feed table and exit the other end.



- **PLANING OPERATIONS (Fig.4-8.):**

Any portion of the cutter block not being used must be guarded.

WARNING: Prior to starting the planer ensure the spindle lock is not engaged. (See page 10).

When planing the face of a workpiece, raise the blade guard/workpiece guide (F) and lock in place with knob (G). Adjust the height to rest on the top of the workpiece. Loosen knob (H) and extend the blade guard/workpiece guide to come in contact with the fence.

When planing the edge of a workpiece, lower the blade guard/workpiece guide (F) onto the table and lock in place with knob (G). Adjust the blade guard/workpiece guide to lightly press the workpiece against the fence. Adjust the height of the feed table. Rotate the height adjustment control (I) clockwise to raise the table and anti-clockwise to lower. The planing thickness is indicated on the scale (J). 2.5mm maximum per pass.

- **Note: When feeding any work piece, always use a push stick or pressure pad as applicable. Keep fingers away from blade area.**

Ensure the blade assembly is not going to contact any foreign objects before thinking about starting the machine.

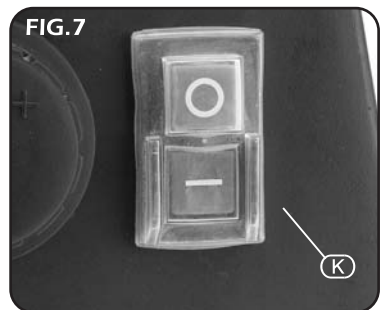
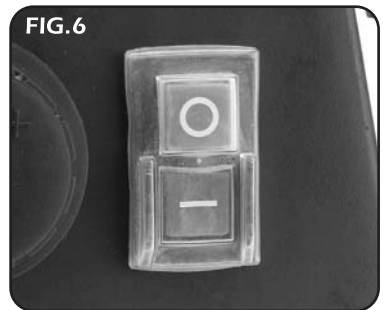
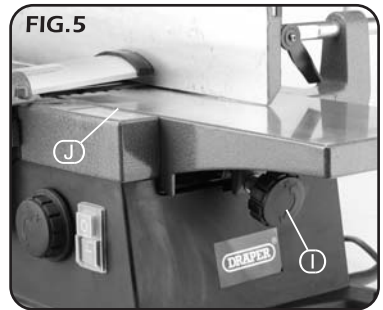
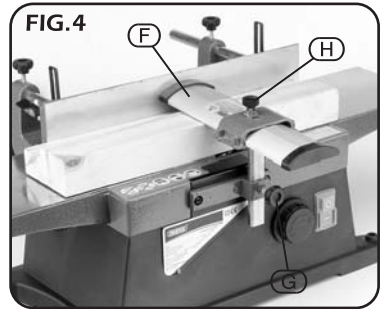
The planer is equipped with a no-volt on/off switch. In the event of a power supply disruption the machine will require manually restarting once power has been returned.

To switch the machine on, press the green button marked 'i'.

To switch the machine off, press the red button marked 'o'.

The variable speed dial (K) is marked 'A' to 'E'. The speed should be adjusted to suit material type and hardness. The typical minimum rpm speeds per setting are detailed below.

- A - 8,000rpm approx.
- B - 10,000 rpm approx.
- C - 12,000 rpm approx.
- D - 14,000 rpm approx.
- E - 15,500 rpm approx.

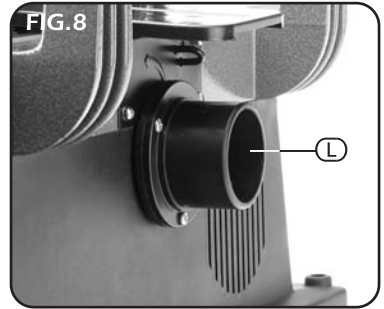


Attach the dust extraction outlet (L) to a suitable dust extractor. This will reduce the amount of airborne dust and health risks associated with inhalation of particles. The maximum amount of material removable on each pass is 2.5mm, however this may reduce for material types and hardness or after the blades have begun to dull.

Avoid standing directly in front or behind the workpiece to avoid injury.

As wood naturally distorts it may be necessary to plane both top and bottom surfaces of the workpiece to obtain a true finish.

Trying to remove excessive amounts on a single pass will result in a poor finish and increased wear and tear on the machine, for example motor overload and dull blades.



- **Note:** Remove the plug from the socket before carrying out adjustment, servicing or maintenance.

- **BLADE REMOVAL, REPLACEMENT & SET UP (Fig.9-12.):**

Set up the height adjustment on the feed table to minimum as this widens the gap and increases access to the blade assembly.

Pull out the spindle lock pin from the disengaged position (M) and rotate it round to position (N). Carefully rotate the block (O) until the spindle lock fully engages.

- **Note:** Take care when handling blade assembly to avoid injury.

The four bolts holding the blade can now be easily accessed.

Remove the four 10mm bolts, washers and the clamp plate (P).

Remove the blade (Q), taking note of the orientation to ensure correct replacement.

Clean residual sawdust and wipe off any traces of sap from the block, clamp plate etc.

- **Note:** Always ensure the new blade (Q) is sharp before fitting.

Always replace the planer blades in pairs.

Never fit non genuine replacement blades.

Place the clean sharp blade on to the block. Take note of the blades orientation. Fitting a blade upside down will cause little or no cutting with severe jumping of the workpiece.

Replace the clamping plate and four bolts to grip the blade but loose enough to allow the blade to slide (for adjustment).

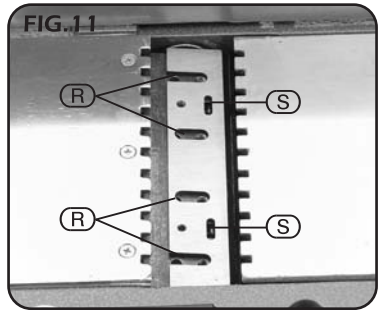
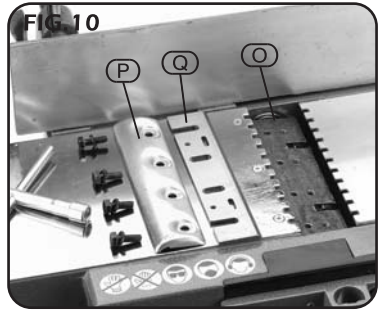
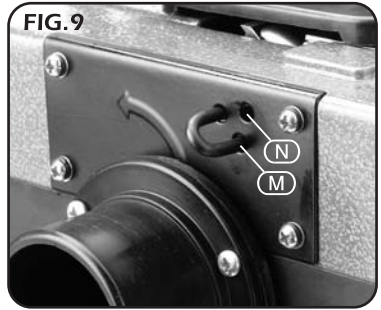
- **Note:** The four bolts sit in slots (R). Rotating screws (S) cause the blade to move laterally along the bolts.

Disengage the spindle lock and rotate the blade assembly by hand.

Place a straight edge or steel rule across the fixed height planer table and blade assembly.

Using a plain slot screwdriver, adjust the screws (S) in the block to raise/lower and level the blade height.

Rotate the screw anti-clockwise to raise the blade. Set the blade (at two points across the table width) so that it just contacts the straight edge. Rotate the roller back and forth, by hand to check.



Place the straight edge (T) over the blade assembly, at three points across the blade, to ensure the blade is level and that it does not protrude excessively.

Once the blade is correctly set for height and is level, fully tighten the four lock bolts.

It is good practice to tighten the bolts working from the centre outwards. Do not over tighten.

Double check all tools are removed, the spindle lock is disengaged and the guard replaced before plugging in and starting the machine.

Alignment should be checked before each use.

- **Note: Remove the plug from the socket before carrying out adjustment, servicing or maintenance.**

- **DRIVE BELT REPLACEMENT TENSION (Fig.13.):**

To gain access to the drive belt compartment cover the blade guard/workpiece guide bracket (U) must be removed. Remove the two screws (V) and loosen screw (W) enough to rotate the cover (X) to one side.

Carefully work off the worn belt and replace with a new belt of the same specification.

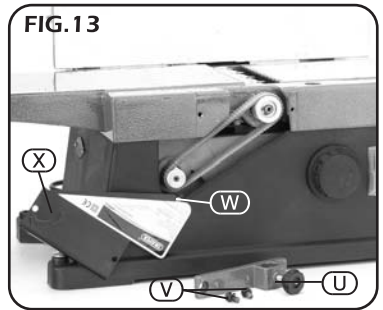
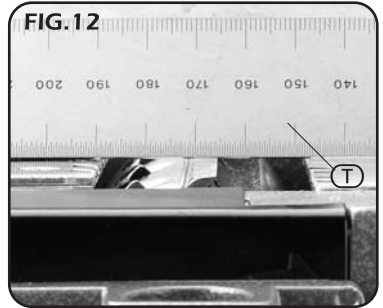
Do not start the planer until all covers and guards have been correctly refitted.

While the cover is removed vacuum out any saw dust build up.

- **PLANER TABLES**

Regularly clean the tables of saw dust and more importantly any build up of sap. Apply a small squirt of moisture dispersant/penetration spray and wipe over with a cloth.

Take care to vacuum out saw dust from around the blade assembly, switch area and more importantly, from under the tables/around the motor.



Regular inspection and cleaning reduces the necessity for maintenance operations and will keep your tool 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 clean carefully vacuum ventilation shots, etc.

All servicing and maintenance not listed in this manual must be carried out by an approved Draper service agent (see back cover for contact details).

- 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 UK regulations.
- Contact your local authority for details of collection schemes in your area.

In all circumstances:

- Do not dispose of power tools with domestic waste.
- Do not incinerate.
- Do not abandon in the environment.



- **DRAPER TOOLS LIMITED,**
Hursley Road,
Chandler's Ford,
Eastleigh,
Hampshire.
SO53 1YF. U.K.
- **Helpline:** (023) 8049 4344.
- **Sales Desk:** (023) 8049 4333.
- **General Enquiries:** (023) 8026 6355.
- **Fax:** (023) 8026 0784
- **Internet:** www.draper.co.uk
- **E-mail:** sales@drapertools.com

YOUR DRAPER STOCKIST