

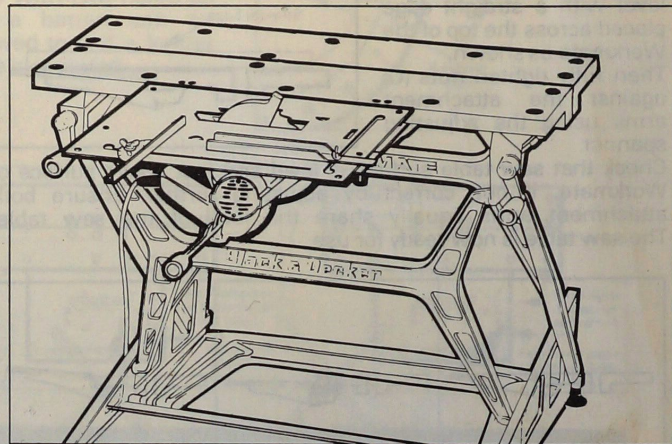
Black & Decker

WM 141 WORKMATE SAW TABLE Instruction Leaflet

CAUTION

Always ensure that the integral saw or drill is disconnected from the power before making any adjustments to saw or saw table.

The Black & Decker WM 141 Workmate saw table is one of a series of attachments designed specially for use with the Black & Decker Workmate. The instructions given here are to show how to use it safely and efficiently—remember saws can be dangerous.

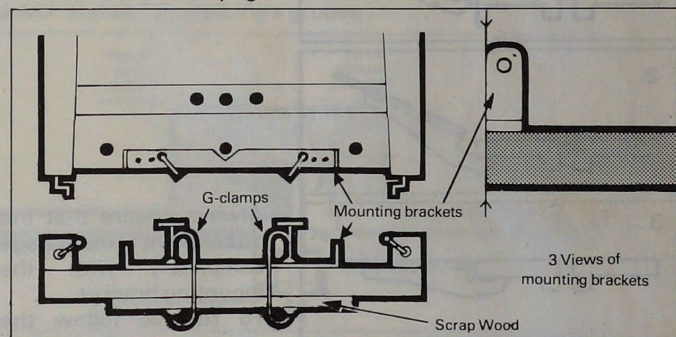


Assembly Procedure

For all other Workmates the following assembly procedure should be followed.

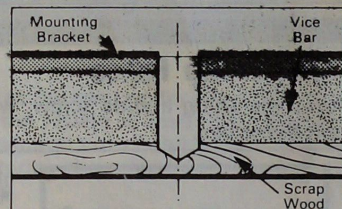
1.

Invert the Workmate in its fully closed down position and clamp the mounting bracket centrally to the underside of the front vice bar as shown using two G-clamps and a piece of scrap wood. Ensure that the notch in the mounting bracket corresponds with the centre vice peg hole as shown.



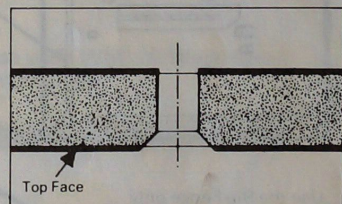
2.

Using 5.5mm ($\frac{1}{32}$ ") bit, drill holes through vice bar using mounting bracket as drill jig. Then remove mounting bracket and piece of scrap wood.



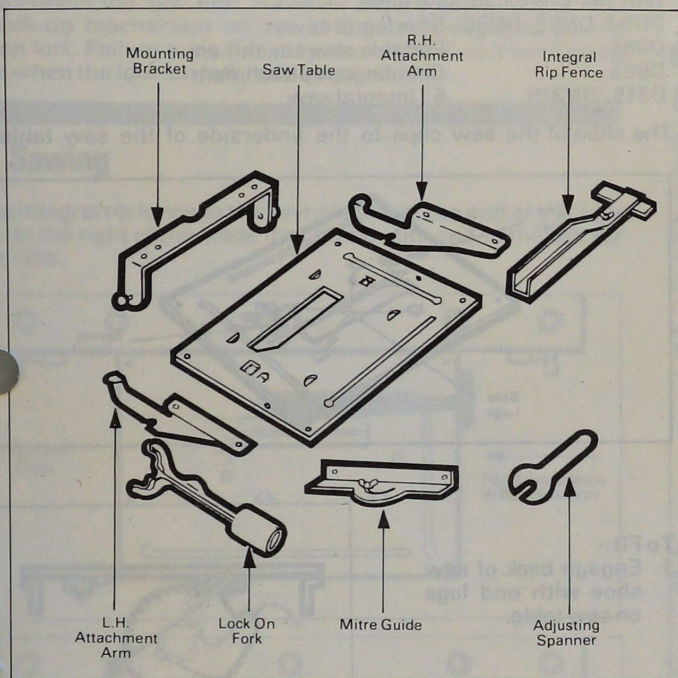
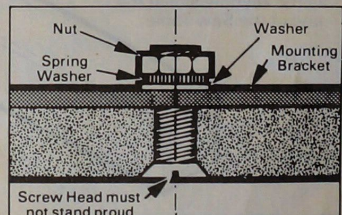
3.

Using standard 90° counter-sink bit, countersink the 4 holes on the top (working) side so that 5mm screw head completely enters countersink.



4.

Fix mounting bracket to underside of vice bar using 4 of the 5mm screws, spring washers, washers and nuts from the polythene bag.

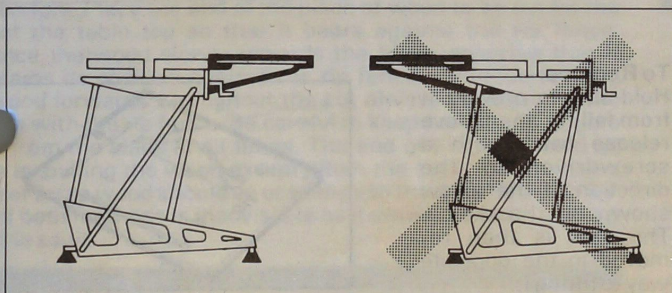


Assembly

IMPORTANT

The saw table must be fitted to the correct vice jaw.

- All Workmates except WM2000 Folding Workbenches.*
Fit the saw table to the FRONT (fixed) vice jaw of the Workmate (i.e. over the footboard). It must not be fitted to the rear of the Workmate.
- WM2000 Folding Workbench.*
The saw table can only be fitted to the rear of the REAR vice jaw.



5.

Assemble attachment arms to saw table using screws, nuts and spring washers from polythene bag.

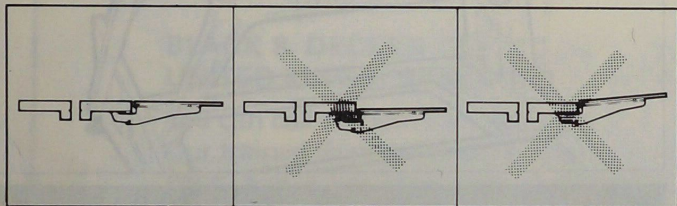
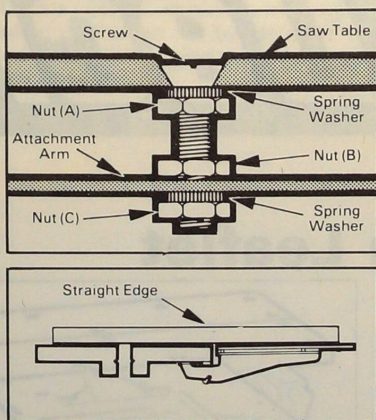
Fully tighten nuts (A) against saw table using a screwdriver and the adjusting spanner provided, leave nuts (B) loose, and nuts (C) at end of screws.

Fit loosely assembled saw table to the Workmate as described below.

Using adjusting spanner adjust nuts (B) until the surface of the saw table is level with a straight edge placed across the top of the Workmate as shown.

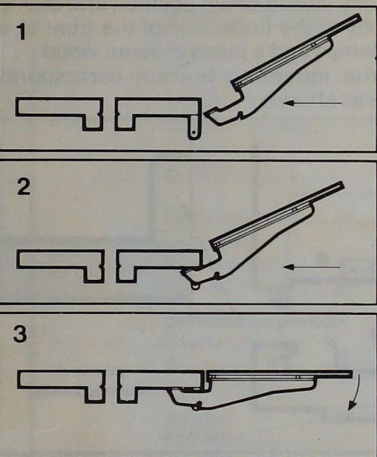
Then fully tighten nuts (C) against the attachment arms using the adjusting spanner.

Check that saw table surface is level and just above surface of Workmate, if not, correct by adjusting further. Ensure both attachment arms equally share the load of the saw table. The saw table is now ready for use.



Fitting & Removing

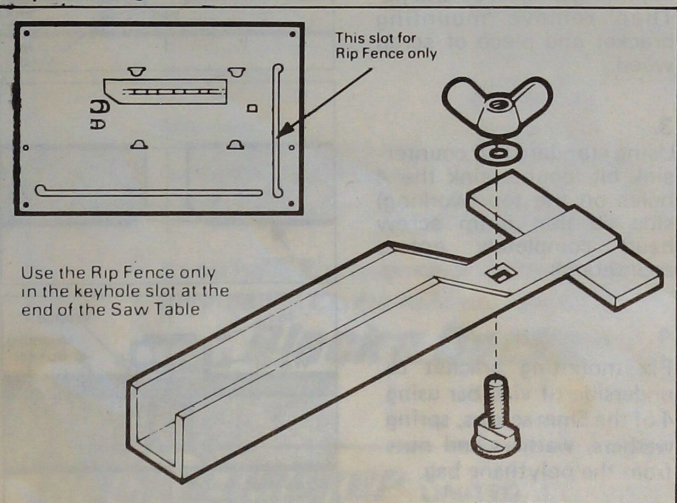
Fit the saw table to the Workmate as shown below:-



Always ensure that the attachment arms engage completely with the mounting bracket. To remove follow the reverse procedure.

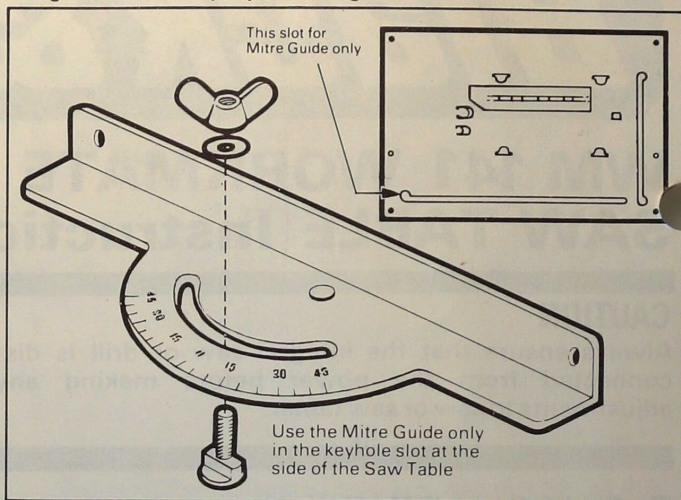
Integral Rip Fence

Assemble using a slide screw, washer, and wing nut from the polythene bag.



Mitre Guide

Assemble the mitre guide using a slide screw, washer and wing nut from the polythene bag.

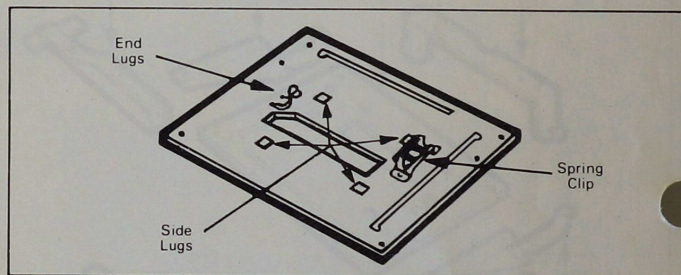


Circular Saws

The Black & Decker circular saws listed below can be fitted to the WM 141 Workmate saw table.

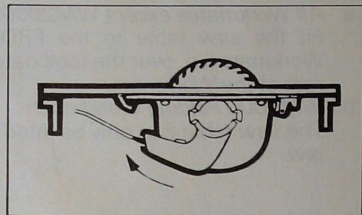
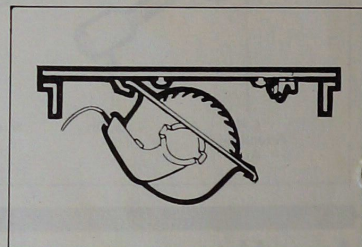
DN54, DN55, DN56	5" integral saws
D984	Portable saw attachment
D985	Circular saw attachment
D315/DN315	5" integral saw

The shoe of the saw clips to the underside of the saw table.



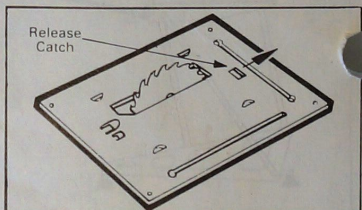
To Fit:-

1. Engage back of saw shoe with end lugs on saw table.
2. Ensure that saw shoe will enter between the side lugs and then lift rear of saw shoe until it fully engages with spring clip.
3. Ensure saw is properly engaged with saw table and that the saw guard functions. The saw is now ready for use.



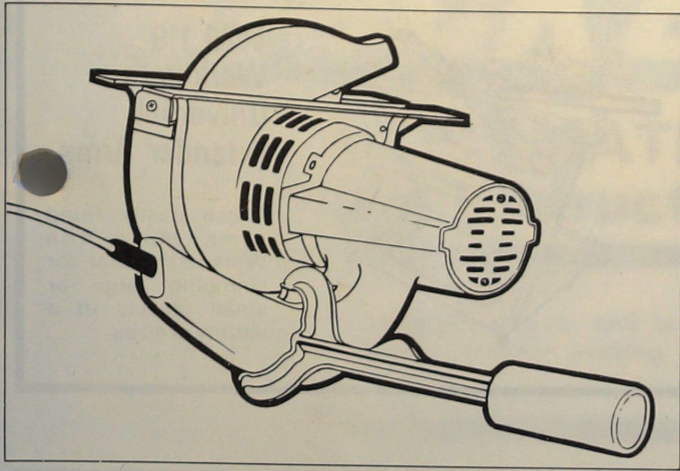
To Remove:-

Hold saw to prevent it from falling, then move release catch with a screwdriver in the direction of the arrow shown on the sketch. The saw is then removed in the opposite way to fitting it.



Lock-On Fork

When using a saw without a lock-on button on the switch (e.g. DN55) use the lock-on fork to hold the switch in the on position whilst sawing.

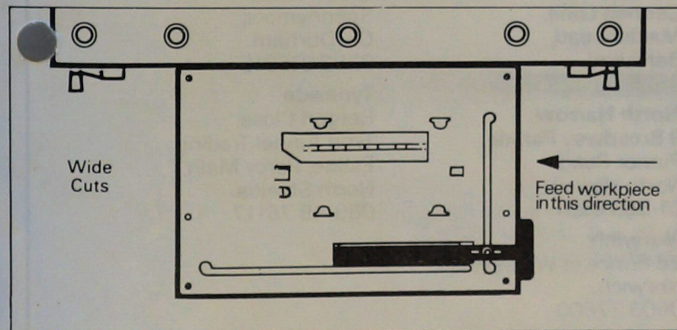
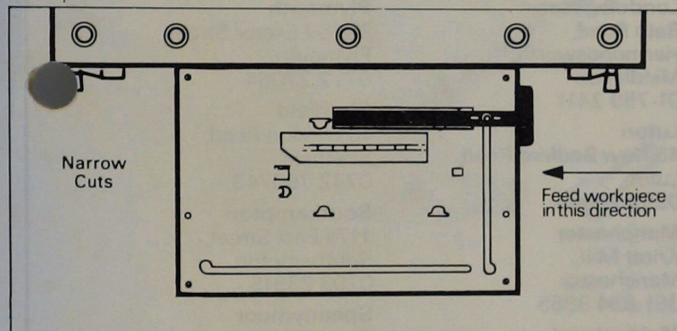


Pulling or moving the lock-on fork will cause it to release the switch and hence stop the saw.

The lock-on fork can also be used with many drills, when used to power saw attachments. To increase safety always remove any offcuts etc which may lodge near the saw blade, remember to disconnect the saw first. However before using, check that the lock-on mechanism on the drill is not engaged by the lock-on fork. Failure to do this may result in the unit continuing to run when the lock-on fork is disengaged.

Rip Sawing

Fit the integral rip fence to the keyhole slot at the end of the saw table, to the right of the blade for narrow cuts and to the left for wider cuts.



Set the rip fence at an appropriate distance from the saw blade remembering to allow for the width of the saw cut.

Switch on the saw motor and engage the lock button or the lock-on fork. Place the end of the piece of wood to be cut on the end of the table top so that it bears against the rip fence. Advance the wood slowly towards the blade ensuring that it maintains its position against the rip fence. Continue feeding the wood forwards throughout the cut always maintaining the contact with the rip fence. Be careful to keep hands and fingers away from the blade at all times. The end of the cut should be made by pulling the wood except when the cut is short when a piece of scrap wood should be used to push the wood (a combination of both methods is inadvisable as it entails the user leaning over the saw).

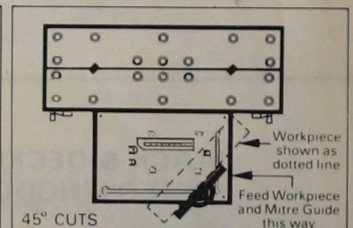
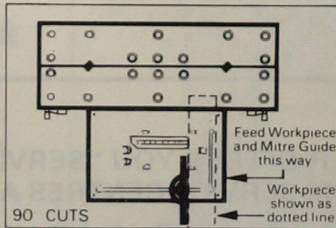
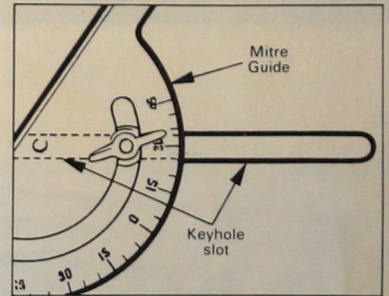
Crosscutting & Mitre Cutting

The protractor mitre guide provided allows crosscuts (90° cuts) and mitre cuts up to 45° to be made in wood up to 3½" wide with circular saws.

To use, fit in the keyhole slot at the outer edge of the table as shown. Always ensure that the wing nut is securely tightened.

Set the angle of the mitre guide by aligning the appropriate graduation with the keyhole slot.

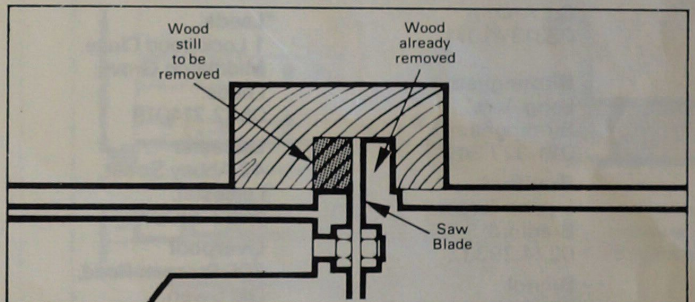
The mitre guide is provided with two holes so that a batten can be screwed to it if a longer guide is required.



Grooving

Set the height of the circular saw blade above the table top to correspond with the depth of groove required. Set the rip fence or mitre guide as appropriate for cutting along one side of the groove. If pencil marks are made on the guide or on the table top to indicate the extremities of the groove to be cut, then by making small adjustments to the guiding of the material within these marks the majority of the waste wood in the groove can be removed by sawing. Alternatively the waste can be removed with a wood chisel.

The sketch shows saw making a groove.



Rebates

These can be made in the same way as detailed under grooving. In those cases where the width of the rebate is less than the maximum cut of the saw and the second cut of the rebate is made in the adjacent face of the material, the rebate waste will be removed entirely on the second cut.

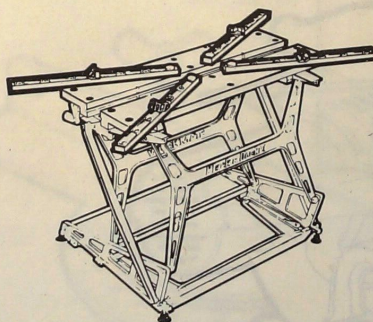
Note

1. The WM141 is not designed for use with WM125 Workmates
2. The WM141 is intended solely for home use.

Service

There is a national network of 26 service branches where you can send or bring any Black & Decker tool for repair or servicing. Each is staffed by a team of skilled craftsmen led by factory trained managers. These are backed up by 600 service collection centres which are listed in the Yellow Pages.

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WM 110 Workmate Universal Extender Arms

These easily fitted arms make the Workmate ideal for clamping large or small objects in a variety of sizes.

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