

AXMINSTER
PROProfessional

AP254LTS


Table Saw



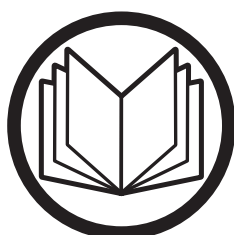
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EU DECLARATION OF CONFORMITY

<p>Cert No: HW110LCE-30</p> <p>Axminster Tool Centre Ltd Axminster Devon EX13 5PH UK axminstertools.com</p> <p>declares that the machinery described:-</p> <table border="1"> <tr> <td>Type</td> <td>Table Saw</td> </tr> <tr> <td>Model</td> <td>AP254LTS</td> </tr> </table> <p>Signed </p> <p>Andrew Parkhouse Operations Director</p> <p>Date: 28/08/2023</p>	Type	Table Saw	Model	AP254LTS	<p>EU Declaration of Conformity</p> <p>This machine complies with the following directives:</p> <p>2006/42/EC EN 1870-19:2013 EN 60204-1:2006+A1+AC 06/42/EC - Annex I/05.2006</p> <p>and conforms to the machinery example for which the EC Type-Examination Certificate No BM 50416470 has been issued by Harvey Industries Co., Ltd. at: 01 Building, No.68 Suyuan Road, Jiangning Economic & Technological Development Zone, Nanjing 211100 China (Mainland)</p> <p>and complies with the relevant essential health and safety requirements.</p>
Type	Table Saw				
Model	AP254LTS				

The symbols below advise the correct safety procedures when using this machine.



Fully read manual
and safety instructions
before use



Ear protection
should be worn



Eye protection
should be worn



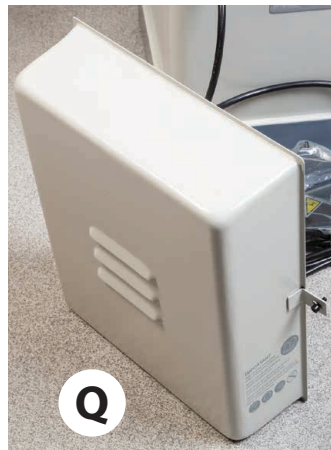
Dust mask
should be worn



HAZARD

WHAT'S INCLUDED

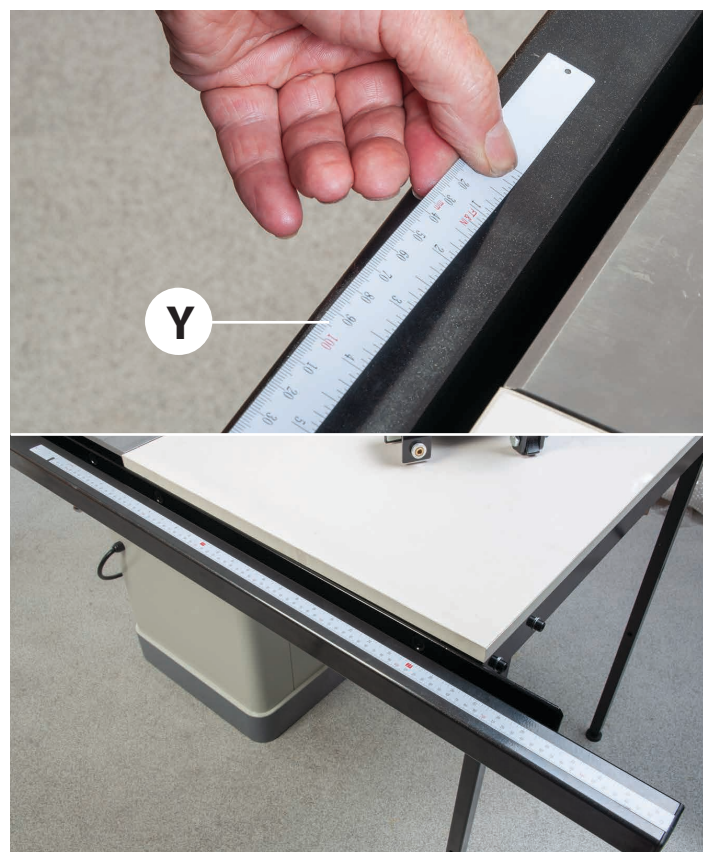
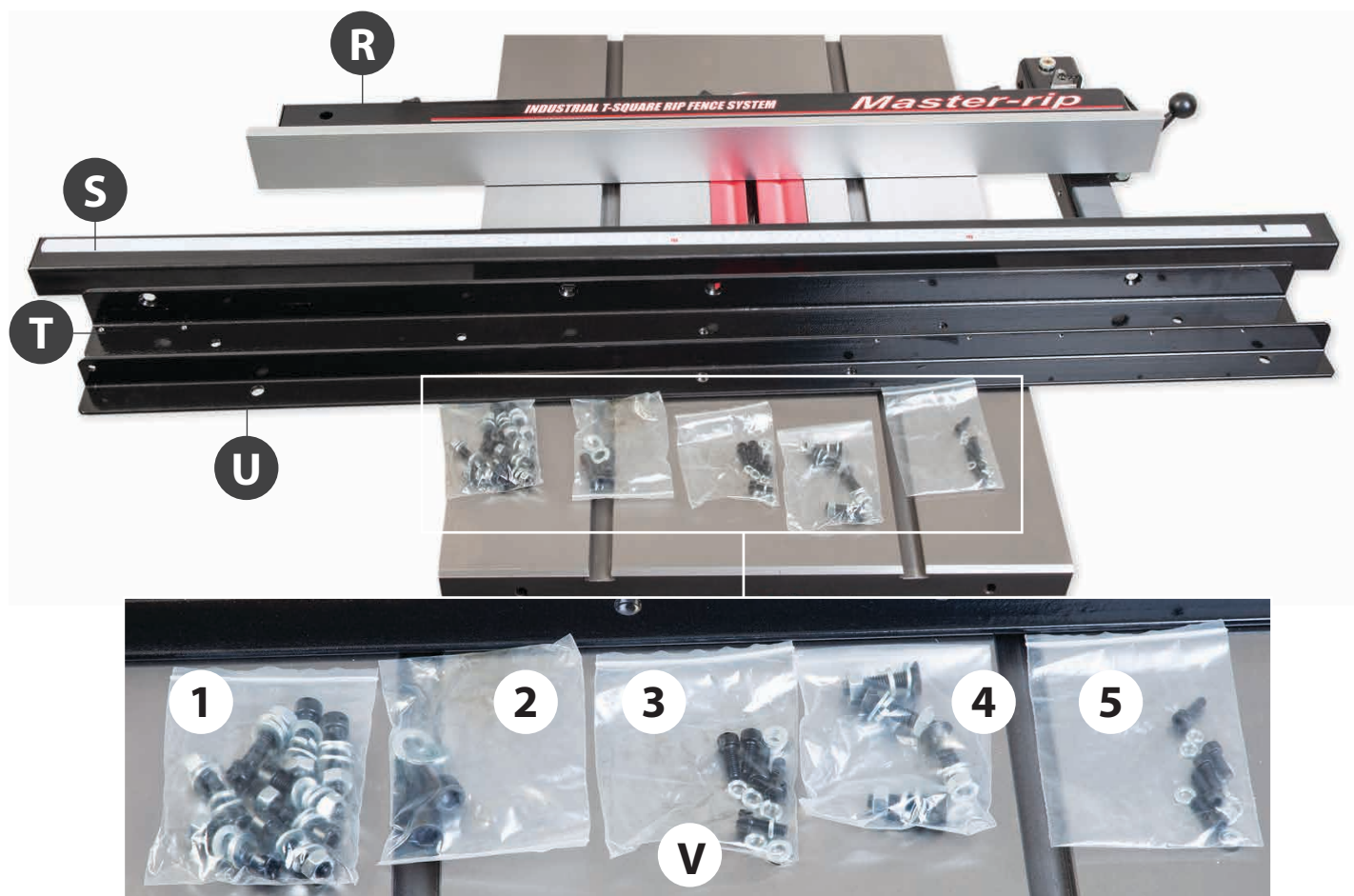
Quantity	Item	Part	Model Number
			AP254LTS
1	Table Saw Main Body	A	
1	Crown Guard	B	
2	Operating Wheels & Star Knobs	C	
1	Push Stick	D	
1	Spanner	E	
1	Mitre Fence Assembly	F	
5	Hex Keys	G	
3	Threaded Feet	H	
1	Crown Guard Extraction Hose	I	
1	Riving Knife for use with Shark S-12 Overhead Crown Guard	J	
1	Dado Blade Saw Plate Flange	K	
1	254mm (10") Blade	L	
1	Dado Blade Table Insert	M	
1	Flexible Hose	N	
1	Hose Support Bracket	O	
3	Extension Table Support Legs	P	
1	Motor Access Door	Q	
1	Rip-Fence	R	
1	Rip-Fence Rail	S	
1	Fence Rail Angle Mounting Plate	T	
1	Rear Angle Mounting Plate	U	
5	Bags of Fixings	V	
1	Side Extension Table	W	
1	Rear Extension Table	X	
1	Rip-Fence Scale Tape	Y	



Remove the boxes & packaging from inside the saw



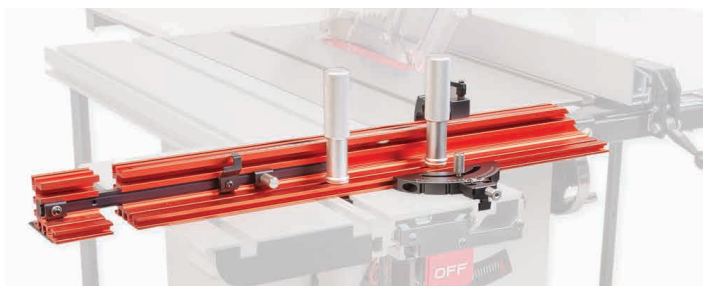
WHAT'S INCLUDED



ST-1400 Sliding Table Code 104505

The ST-1400 Sliding Table upgrades the AT254TS table saw to have the capacity of a small panel saw. It easily installs onto the AT254TS, but can also be fitted to almost any table saw with a flat front vertical face around 50mm deep and at least 1m in length. This table also includes the UJK STF-1400 fence which has a telescopic fence arm, flip stop for repeat cuts and angles from -50° to +50°.

UJK STF-1400 Telescopic Mitre Fence Arm



ST-1400 Sliding Table

Dado Blade Set Code 104503

This 204mm diameter Dado Blade Set comprises 2 x 24 tooth TCT outer blades, 6 inner chipper blades and 4 spacers. The chippers and spacers fit between the outer TCT blades. Simply select the inner chippers and spacers required to cut the width of slot required. The outer blades are 3.2mm. The inner chippers are 4 x 3.0mm, 1 x 2.2mm and 1 x 1.5mm. The spacers are 2 x 0.4mm and 2 x 0.3mm. The dado head should never be used to cut through the timber, it is for machining grooves using light, multiple cuts.

- 204mm stacking dado head set for grooving work
- Creates grooves from 6.35mm-20.64mm
- Comprises twin outer blades and 6 chipper blades plus spacers
- 30mm bore, requires an arbor at least 21mm long
- Fits the AT254TS and AT254LTS table saws, allows grooves up to 18mm wide



Shark S-12 Overhead Crown Guard Code 104504

The Shark S-12 Overhead Crown Guard is for the AT254LTS Table Saw. This style of crown guard offers a higher level of user safety and a more efficient dust collection.

The heavy duty steel frame, cast joints and high grade alloys make it rigid yet easy to adjust. The large, unbreakable polycarbonate hood gives great visibility for safer use. The hood assembly can be set at any height above the blade through a linear guideway and supporting air strut. When you need to change the blade the whole top arm hinges back to the rear.

A must when using a dado cutter head, the crown guard will enhance this table saw, making your work safer and more efficient.



GENERAL INSTRUCTIONS FOR 230V MACHINES

The following will enable you to observe good working practices, keep yourself and fellow workers safe and maintain your tools and equipment in good working order.



WARNING!! KEEP TOOLS AND EQUIPMENT OUT OF REACH OF YOUNG CHILDREN



KEEP WORK AREA AS UNCLUTTERED AS IS PRACTICAL. UNDER NO CIRCUMSTANCES SHOULD CHILDREN BE ALLOWED IN WORK AREAS.

Mains Powered Tools

- Tools are supplied with an attached 13 Amp UK 3 pin plug.
- Inspect the cable and plug to ensure that neither are damaged. Repair if necessary by a suitably qualified person.
- Do not use when or where it is liable to get wet.

Workplace

- Do not use 230V a.c. powered tools anywhere within a site area that is flooded.
- Keep machine clean.
- Leave machine unplugged until work is about to commence.
- Always disconnect by pulling on the plug body and not the cable.

- Carry out a final check e.g. check the cutting tool is securely tightened in the machine and the correct speed and function set.
- Ensure you are comfortable before you start work, balanced, not reaching etc.
- Wear appropriate safety clothing, goggles, gloves, masks etc. Wear ear defenders at all times.
- If you have long hair wear a hair net or helmet to prevent it being caught up in the rotating parts of the machine.
- Consideration should be given to the removal of rings and wristwatches.
- Consideration should also be given to non-slip footwear etc.
- If another person is to use the machine, ensure they are suitably qualified to use it.
- Do not use the machine if you are tired or distracted
- Do not use this machine within the designated safety areas of flammable liquid stores or in areas where there may be volatile gases.
- Check cutters are correct type and size, are undamaged and are kept clean and sharp, this will maintain their operating performance and lessen the loading on the machine.
- **OBSERVE....** make sure you know what is happening around you and **USE YOUR COMMON SENSE.**

SPECIFIC SAFETY PRECAUTIONS

Make sure the saw blade is the correct type for the job in hand.

Do not force the saw, if the saw begins to 'stall' you are 'forcing the cut' or over working the saw. Ensure that the saw blade is clean and sharp. Resin build up on the blades will increase the friction of the saw passing through the timber, and cause over heating of the blade, blunt teeth will work harder tearing the fibre of the timber as opposed to shearing it, also with subsequent overheating. Both faults unnecessarily load the machine beyond normal usage, and shorten its longevity.

Do not use blades that are damaged in any way.

Do not remove the blade guard. The design of the riving knife on the machine will not allow for slotting or 'blind' grooving, so there is no reason to remove the guard. There is adequate clearance under the guard for the capacity of the machine.

Do not use any blades that cut a smaller kerf than the riving knife thickness. Make sure the riving knife is correctly adjusted to the blade and is securely fastened. If the table insert becomes damaged or broken, and will not support the timber 'up close' to the blade, replace it.

Do not start the saw with the workpiece touching the blade.

Do not commence sawing until the blade has run up to full speed. After switching off, never try to slow the saw down more quickly by applying side pressure (with a piece of wood?) to the blade. Apply the old joiner's adage of never getting hands within one handbreadth of the blade. Leave the machine disconnected from the mains supply until you are about to commence work.

Always disconnect the machine if you are leaving it unattended.

Never leave the vicinity of the machine unless the blade has come to a complete stop.



FOR YOUR OWN SAFETY NEVER OPERATE THE TABLE SAW WITHOUT THE RIVING KNIFE IN PLACE!

Do not attempt to carry out any maintenance, corrective work, setting up etc., unless the machine is disconnected from the mains supply. If any tools have been used during setting up procedures, make sure they are removed from the machine and stowed safely away.

SPECIFIC SAFETY PRECAUTIONS

Do not attempt to carry out cross cutting operations 'freehand', always use the mitre fence for small material and the sliding carriage for larger workpieces. Unless you are an experienced machine operator, do not attempt to 'rip' freehand, always use the guiding facility of the rip fence. It is perfectly acceptable to support, guide, and feed the timber with your hands whilst ripping stuff of some length, however, as you approach the blade ensure that the push stick is to hand, and that you use it.

Remember the emphasis of the 'push' should be between the blade and the fence and close to the fence. Use your free hand to support and guide the material on the offside of the saw blade and at least 100mm away from it. If the timber does not extend to at least 100mm to the offside of the saw blade, the material possibly does not need guiding or supporting.

Check (especially on site), that there are no foreign objects e.g. old nails, screws, small stones etc embedded in the material you are about to cut. If necessary take a wire brush to the timber before working.

SPECIFICATION

Code	107645
Model	AP254LTS
Rating	Professional
Power	1.65kW
Blade Dia/Bore	254 mm
Blade Tilt	0° to 45°
Max Depth of Cut @ 45°	53 mm
Max Depth of Cut @ 90°	76 mm
Max Width of Cut with Fence	800 mm
Table Size	800 mm x 550 mm
Table Height	865 mm
Table Size With Extensions	800 mm x 1,124 mm
Dust Extraction Outlet	100 mm
Min Extraction Airflow Required	1,000m ³ /hr
Overall L x W x H	1,550 mm x 1,270 mm x 1,200 mm
Weight	175 kg

ASSEMBLY/SETUP

PLEASE NOTE: Some of this assembly procedure is best



accomplished by two persons, some of the items are heavy and awkward, and a mishandling error could cause injury.

Please think about what you are doing, your capabilities and your personal safety.



Unpack all the boxes and check all the components against the 'What's Included' list. If any parts or components are missing, please contact our customer

service department using the procedures and telephone numbers listed in our catalogue, and you will be dealt with quickly and efficiently.

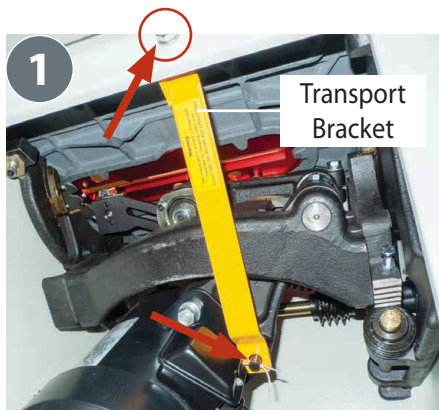
PLEASE NOTE: The panel saw comes 80% assembled, in order to reduce the footprint of the machine for packaging, several items are dismantled from the machine and need to be re-affixed. please check all the boxes, packets etc, to make sure that all the parts have been accounted for.

Having unpacked the boxes, (please dispose of any unwanted packaging responsibly), put the parts and components where by they are readily to hand. Break down the main box by knocking the sides away (be careful of exposed nails etc.), but leave the machine sitting on its pallet. Remove the protective grease film that is coating all the unpainted parts of the machine. Use a proprietary de-greasing agent. Unfortunately, this cleaning process is always a bit 'mucky'. You are advised to wear overalls or coveralls etc., during the process. After cleaning, lightly coat the exposed metal surfaces with 'anti rust' oil spray to prevent any rusting.

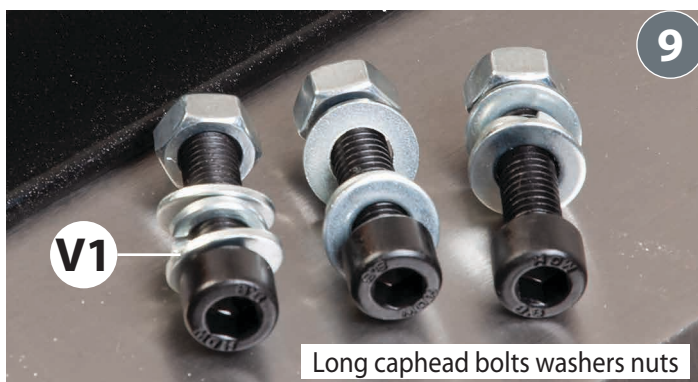
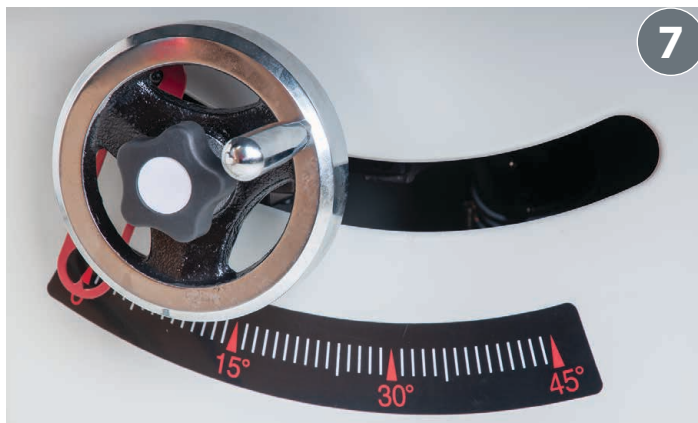
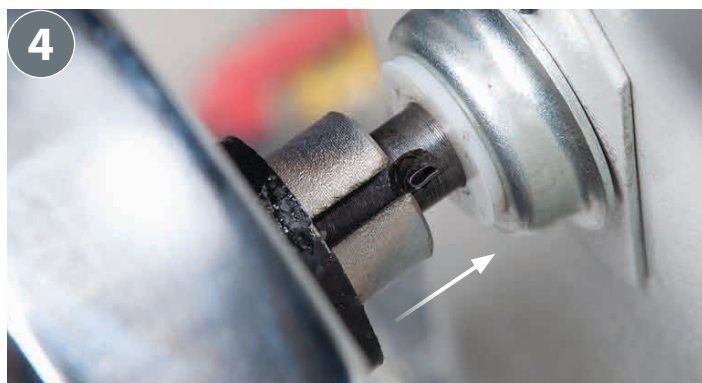
Ascertain the orientation of the machine and move it to its desired position in the workshop. Ensure that the machine is positioned to allow sufficient clearance all round to cater for the maximum length of timber you wish to machine. The machine should be positioned on a flat level surface.

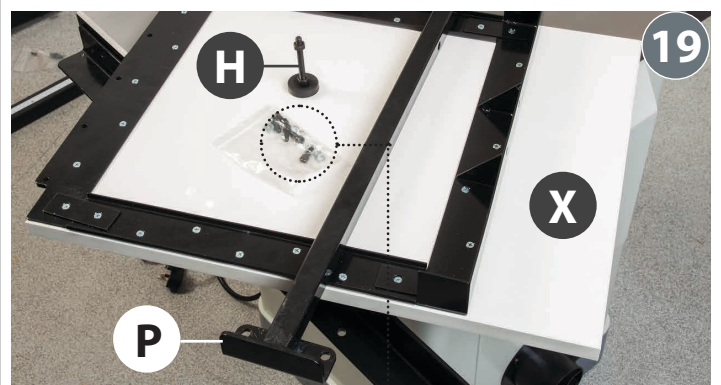
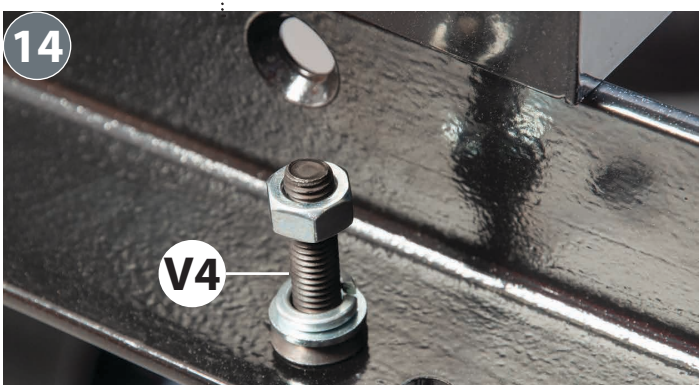
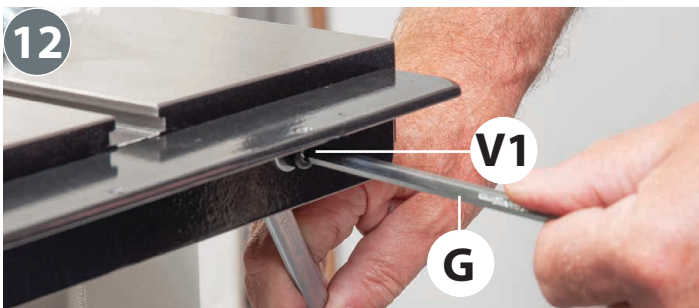
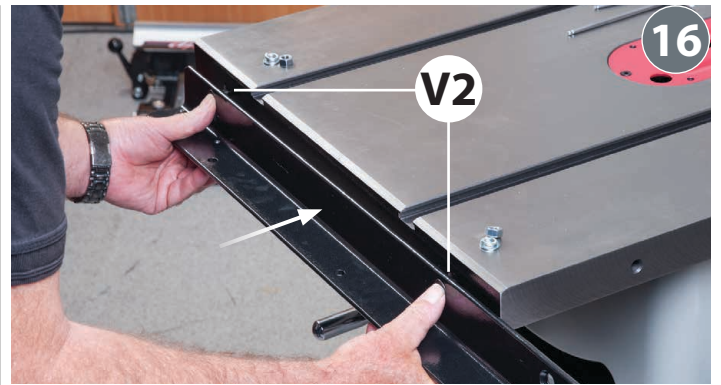
Manoeuvre the machine to the chosen location making sure there is sufficient space all round, then carefully lower the machine down.

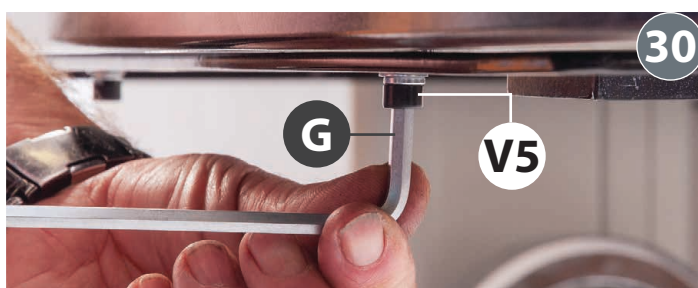
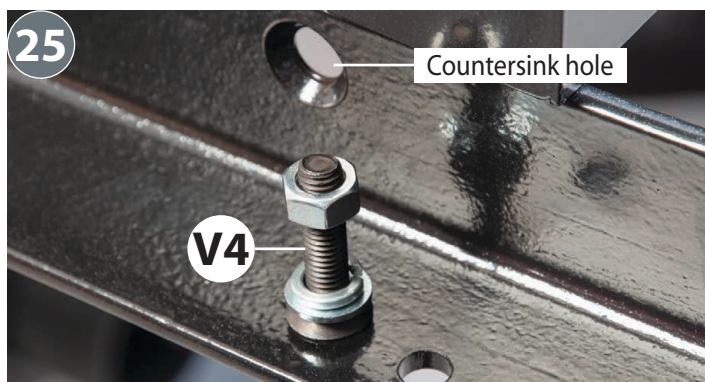
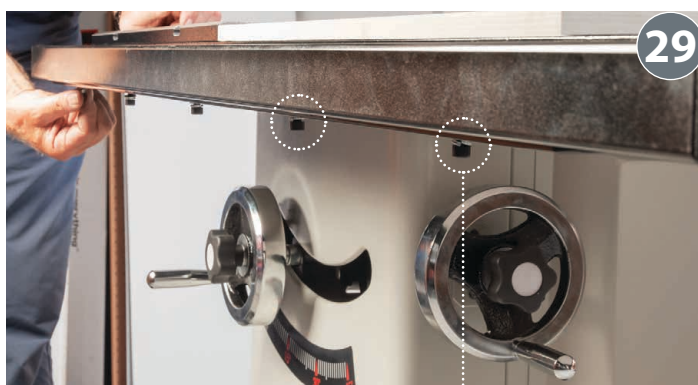
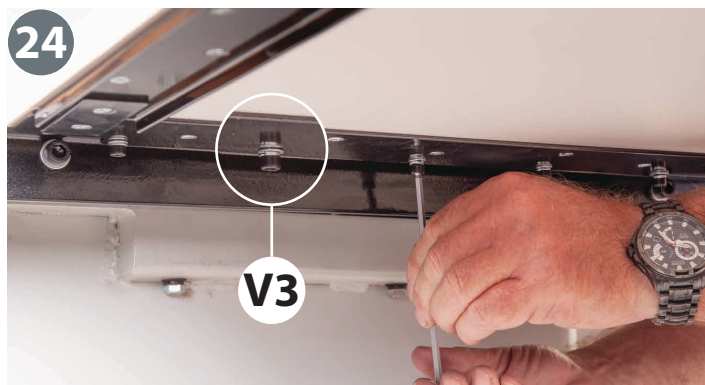
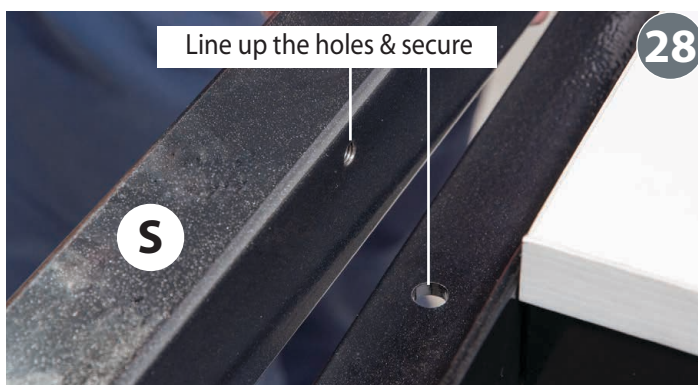
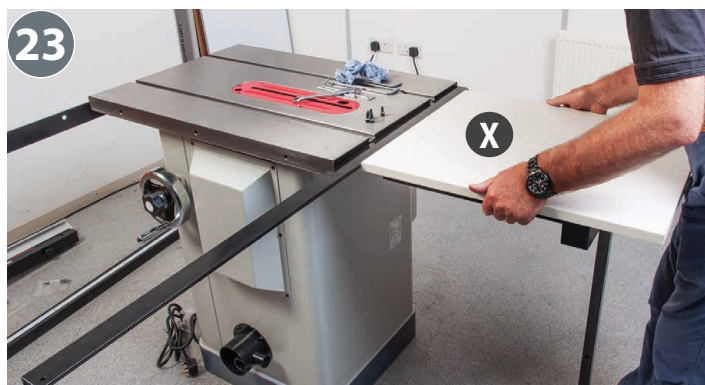
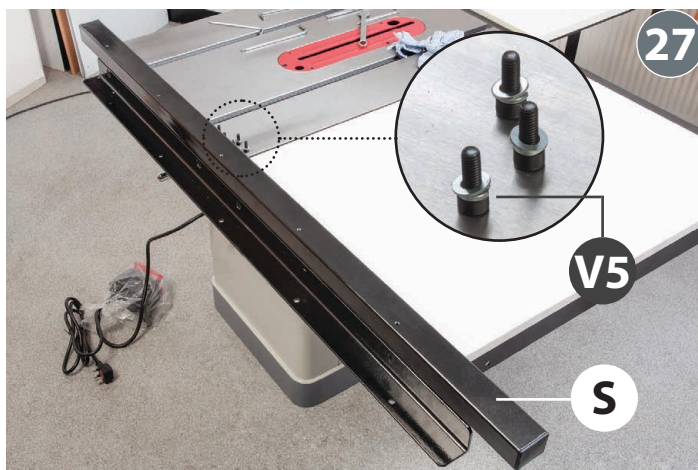
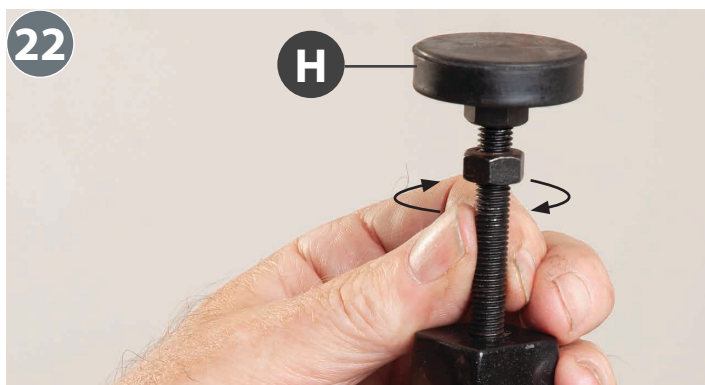
ASSEMBLY/SETUP

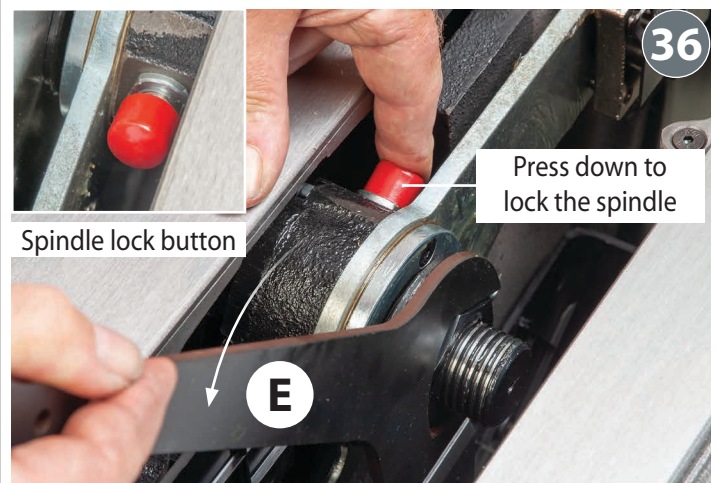
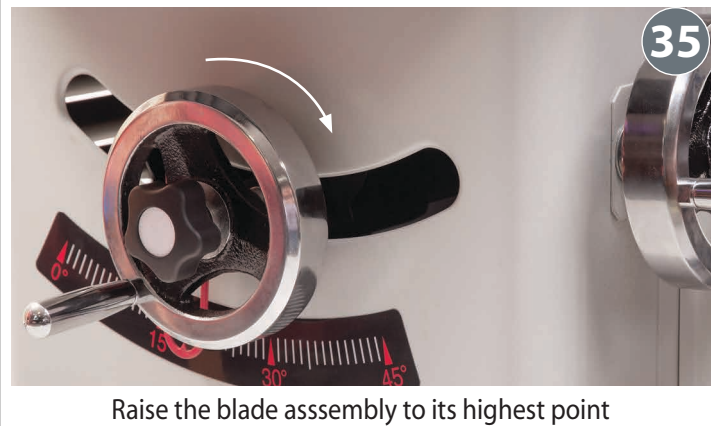
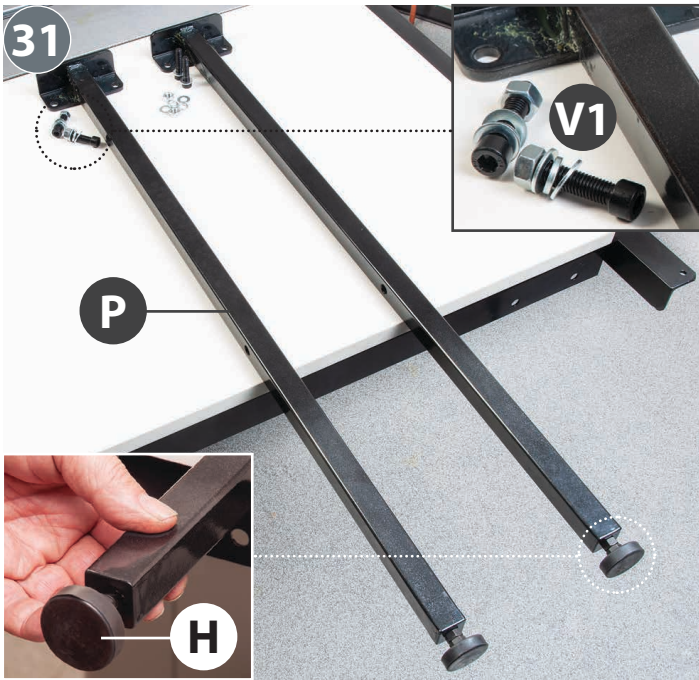


Inside the cabinet is a transport bracket. Remove the split pin to the base of the motor and the bolt/washer nut to the cabinet and place the bracket and fixings safely away for future use.

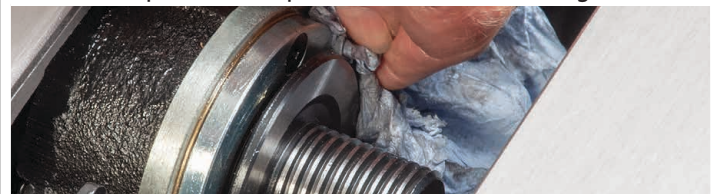
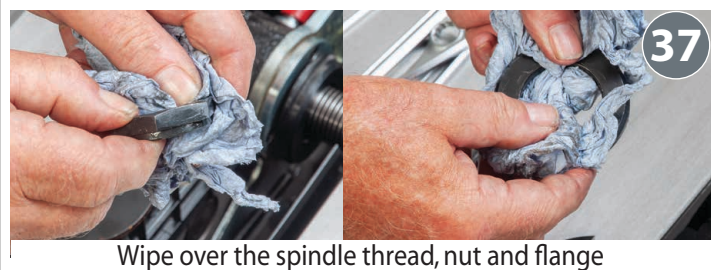






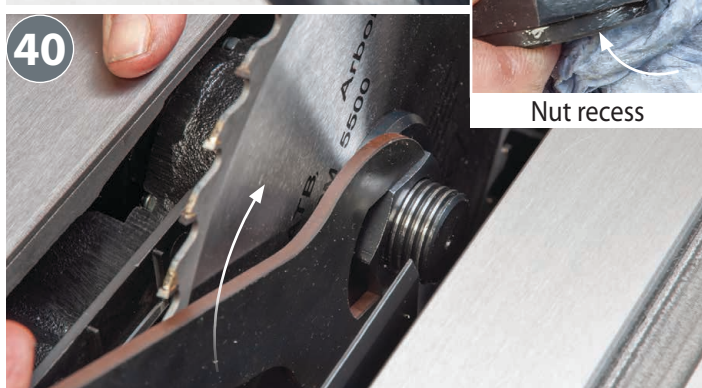
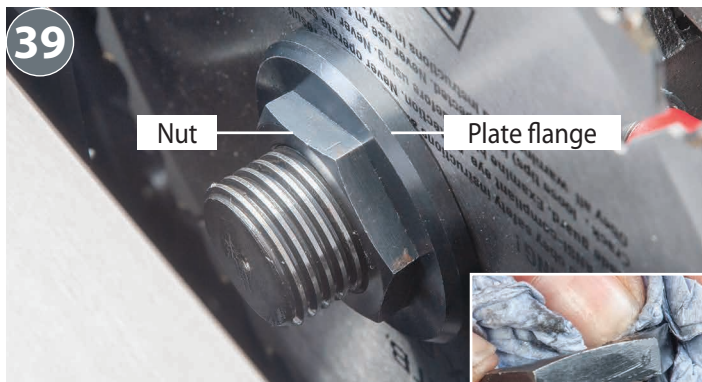


Remove locking nut & saw plate flange using the spanner (E)





Slide on the blade (L) so its up against the rear flange



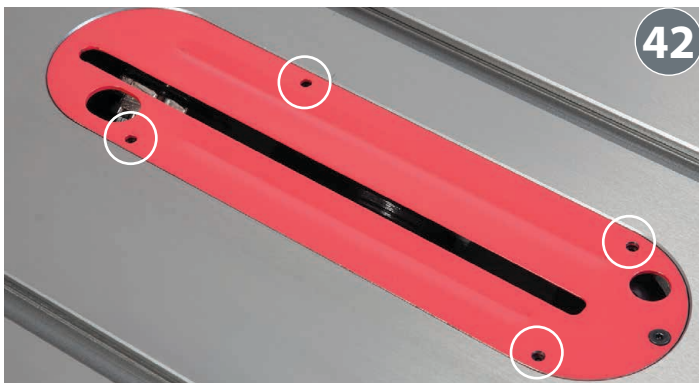
Replace the washer and nut, making sure the plate flange slots over the nut's recess. Press down the spindle lock and tighten the nut with the spanner (E)



Replace the insert plate



Levelling screw



Adjust the four screws to level the insert plate with the table



Lower the fence (R) down over the fence rail (S).

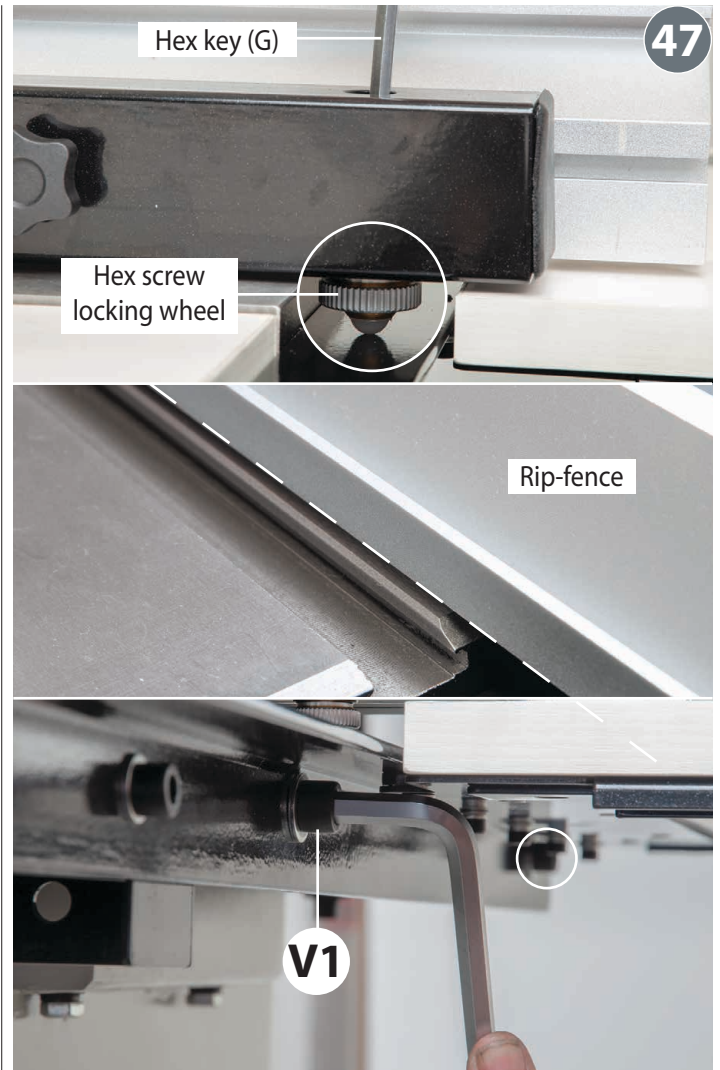


Clamping knob

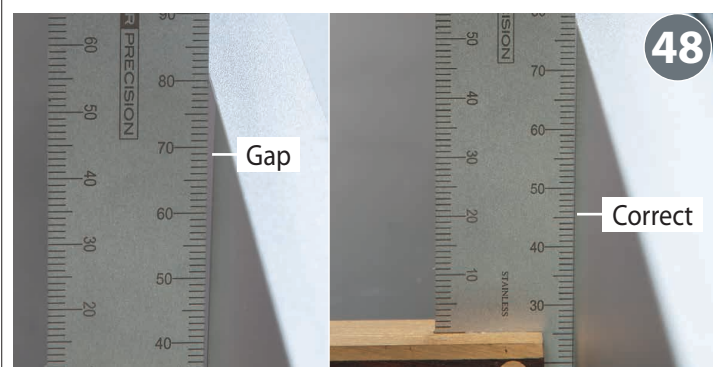
Reposition the rip fence in the lower position



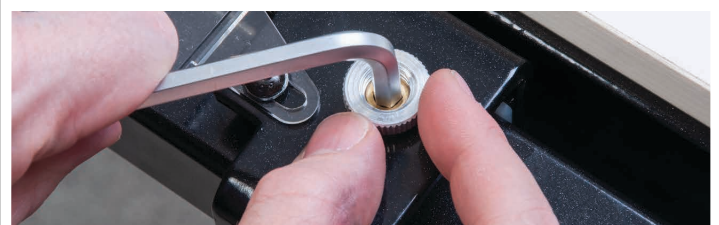
Make small adjustments to the front & rear Hex screws on the rip fence assembly (R) until the rip fence is perpendicular with the saw blade.

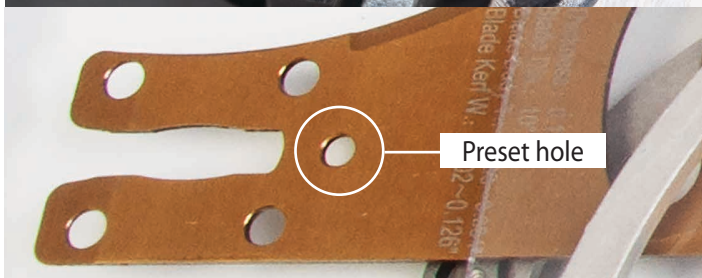
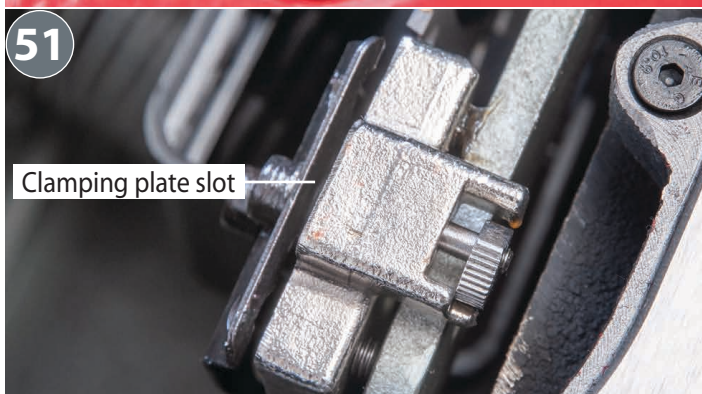
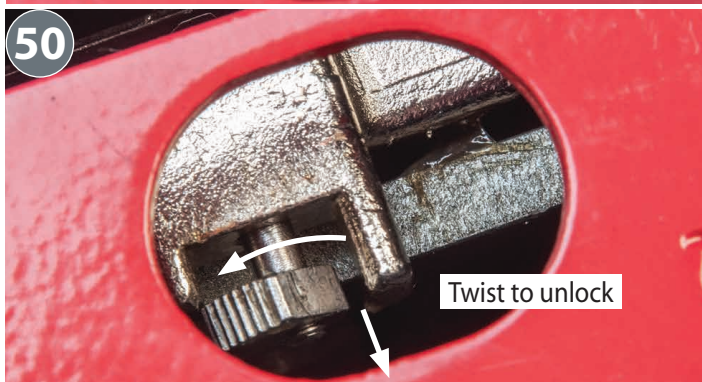


The rip fence should be level across the width of the table. Adjust the height Hex screw to the rear of the fence arm until correct. Nipup the two angle mounting plate Hex screws to secure it firmly in position.

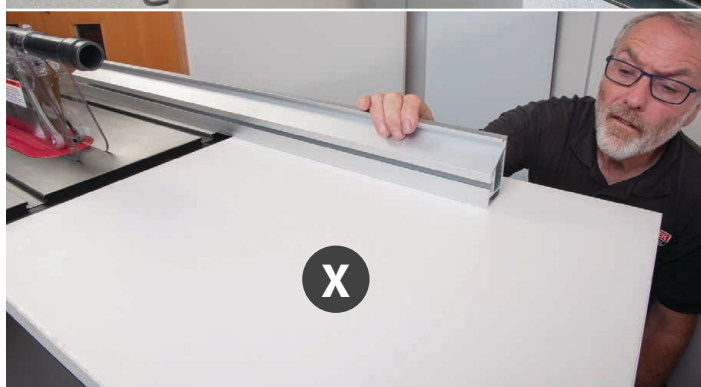
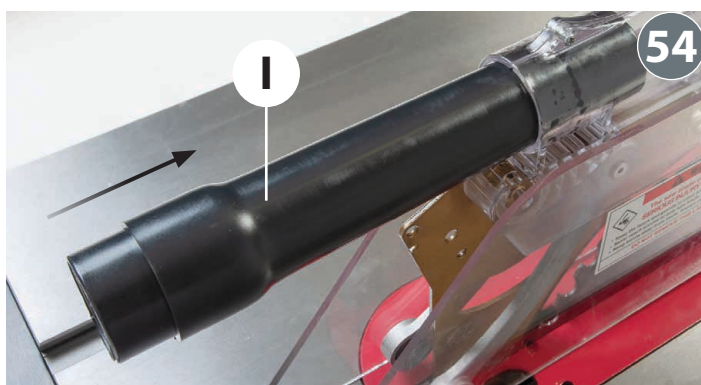
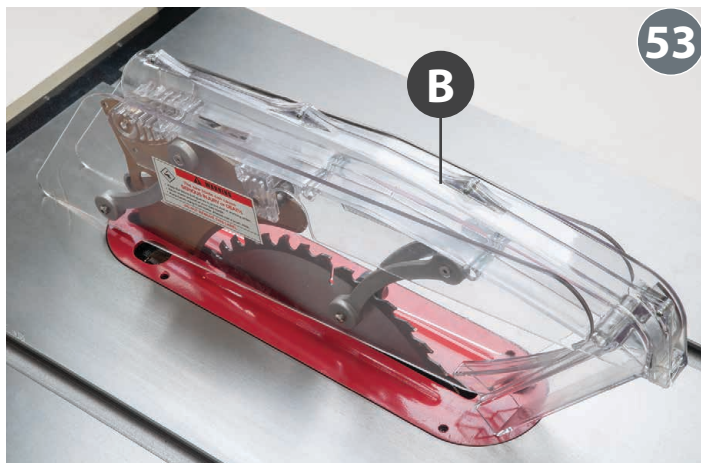


Place a 90° degree square against the fence and check its perpendicular with the table. Adjust the Hex screw on top of the fence assembly (R) until correct. Tighten the locking wheel.

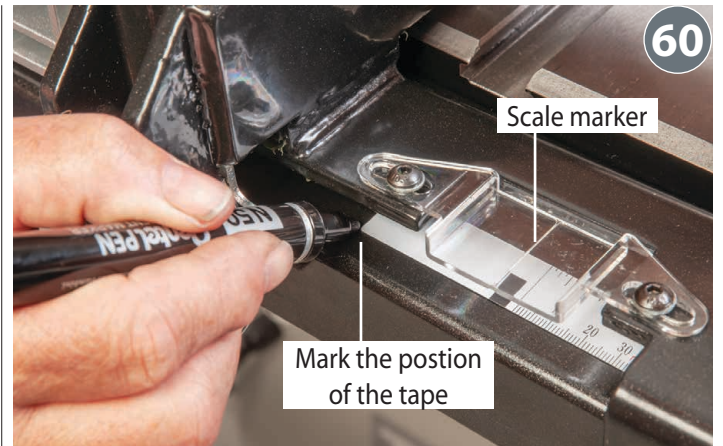
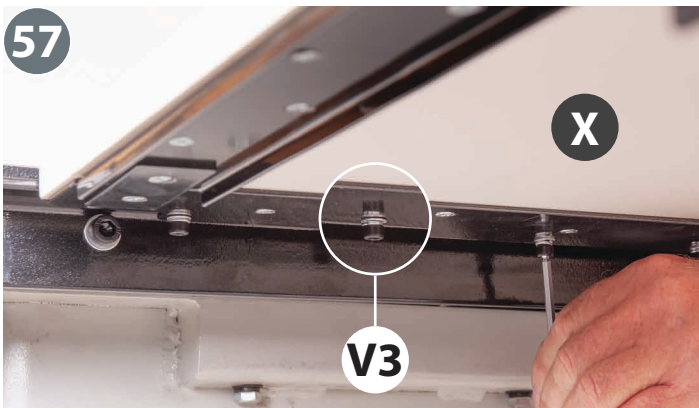
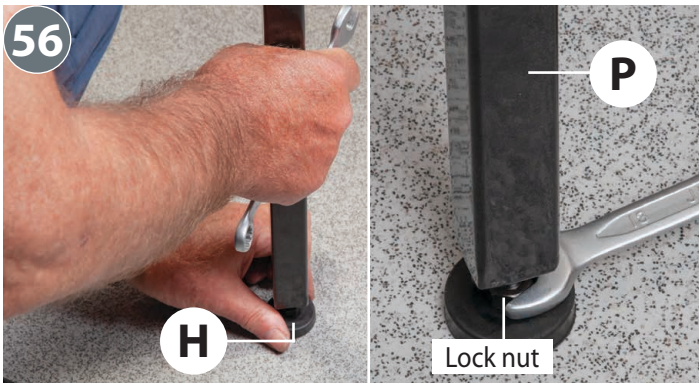




Locate the crown guard (B) assembly. Unlock the locking pin latch and insert the riving knife plate down between the clamping plate slot. Rotate the locking pin to the right to engage the pin into the preset hole in the riving knife thus locking the crown guard in position.



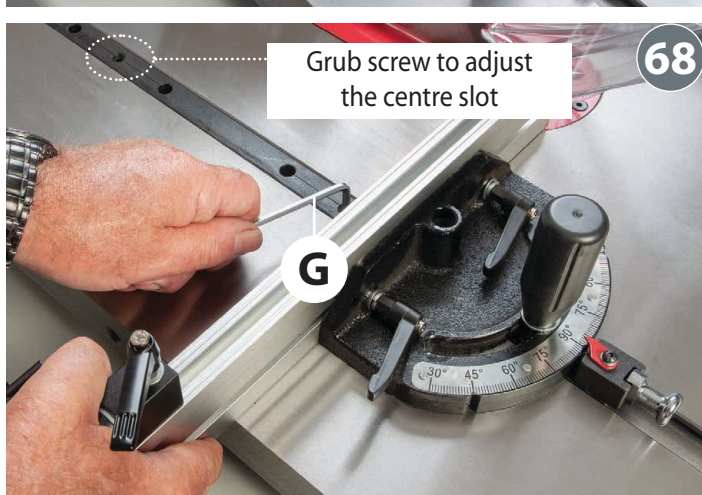
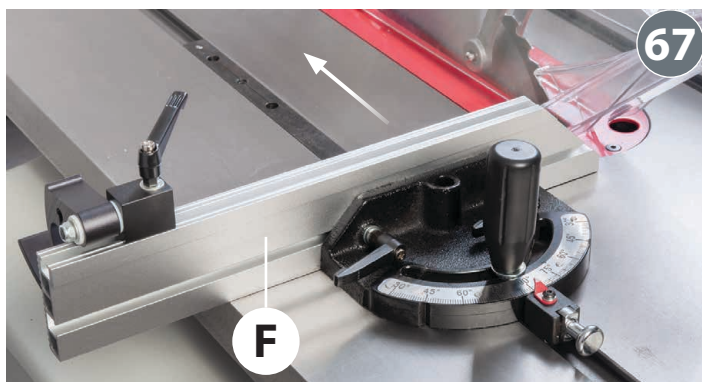
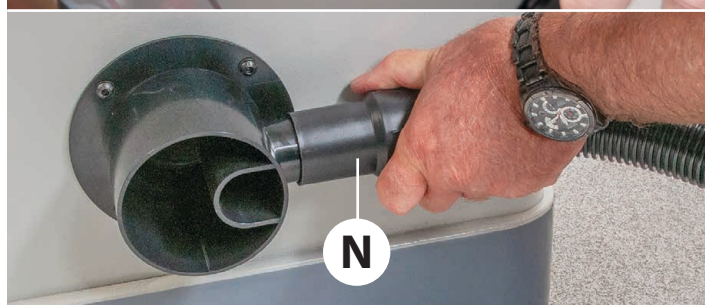
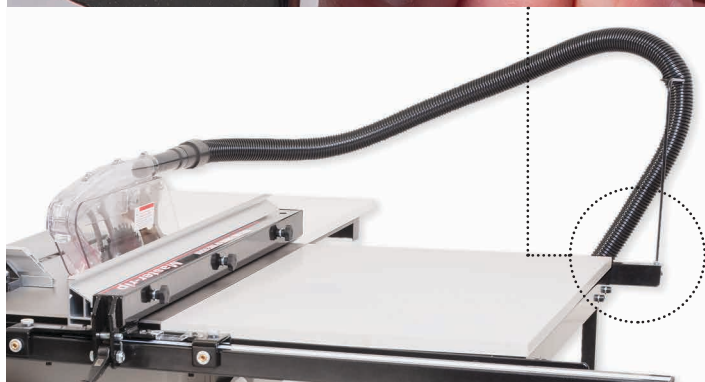
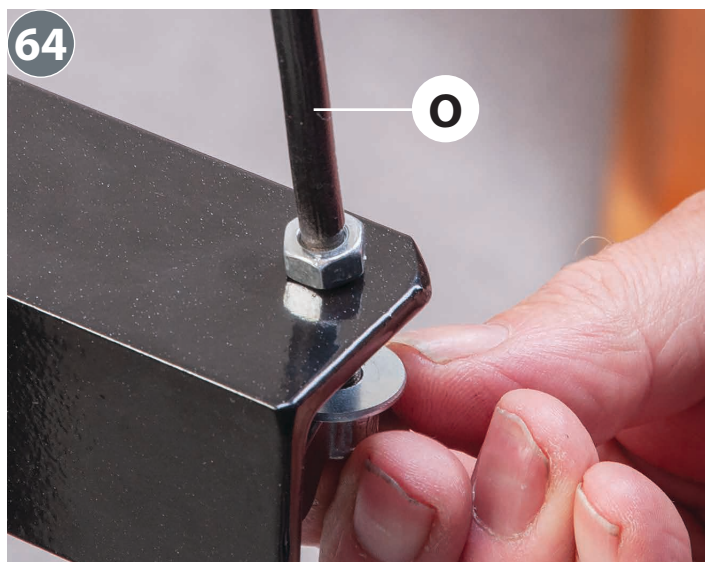
Using the rip-fence as a straight edge, place it across the side extension table (W). Adjust the four countersink screws (V4) and the two threaded feet (H) until the extension table is level with the saw's cast iron table (A). Repeat the procedure for the rear extension table (X) and adjust the rear support leg rubber foot (H) and caphead screws (V3) until level. **Note: Make small adjustments.**



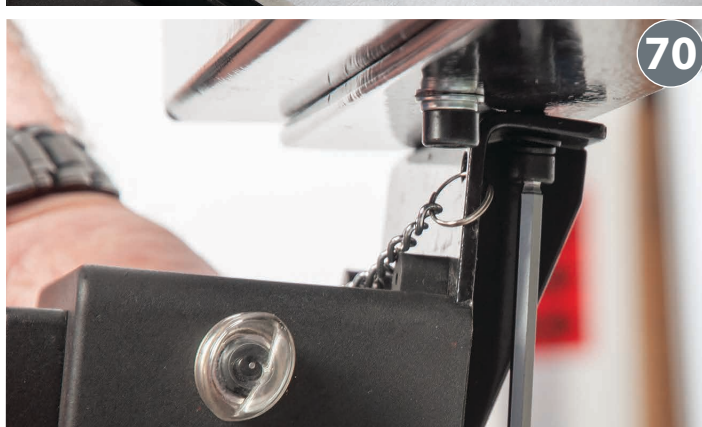
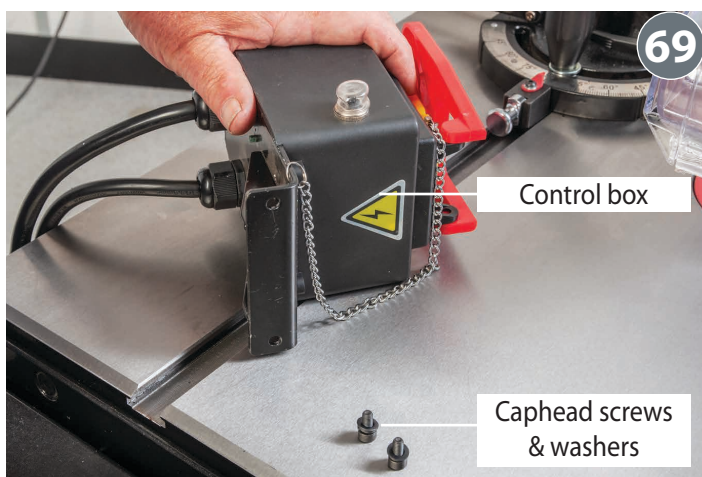
Remove the fence assembly and place to one side. Peel off the backing from the tape (Y) and carefully press down using a cloth onto the rip-fence rail (S). **Make sure there are no ripples along the length of the tape.** Using scissors cut off the excess so it's flush to the end of the fence rail.



Locate the rip-fence scale tape (Y) and place it on top of the fence rail (S). Remove the crown guard (B), position the rip-fence assembly (R) against the blade and lock in place. **Note: make sure the fence is in the upright position.** Line up the 'Zero' on the scale (Y) with the scale marker on the fence assembly (R). Using a pen mark the position of the tape.

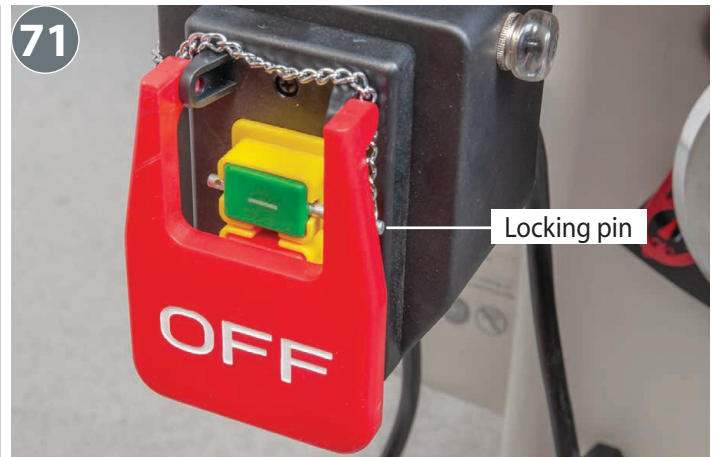


Using the supplied Hex key (G) adjust the two grub screws in the mitre fence bar. This reconfigures the centre slot to keep the bar snug in the 'T' slot allowing the fence to run true without any side-play.



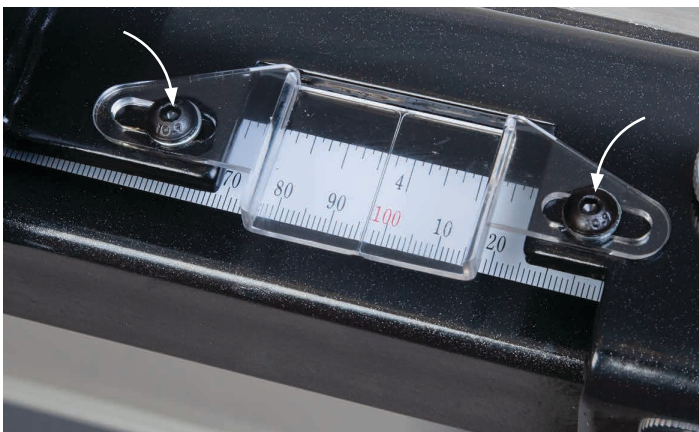


Line up the two holes in the control box mounting bracket with the pre-machined holes to the underside of fence rail mounting plate.

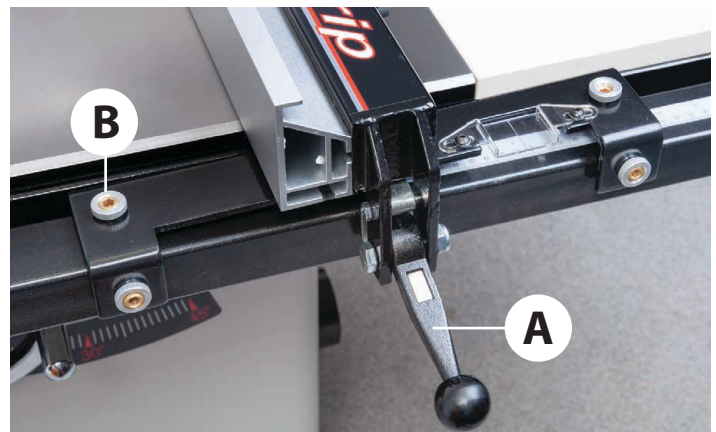


Secure in place with the caphead screws and washers. Insert the locking pin through the start up button to prevent the machine being started accidentally.

ILLUSTRATION & PARTS DESCRIPTION



The rip-fence scale pointer can be adjusted by adjusting the two Hex screws



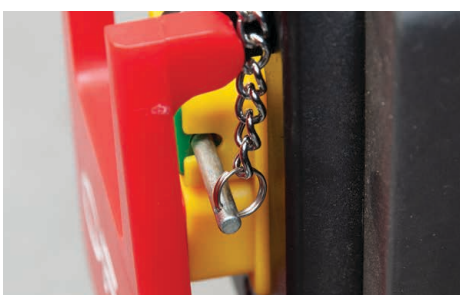
Rip-fence clamping lever (A) and adjustment Hex screws and locking wheels (B) to align the fence with the blade



Saw blade set at 90° degrees and showing 'ZERO' on the scale



Saw blade set at 45° degrees and showing 45° on the scale



Power switch locking pin to prevent the saw being started accidentally



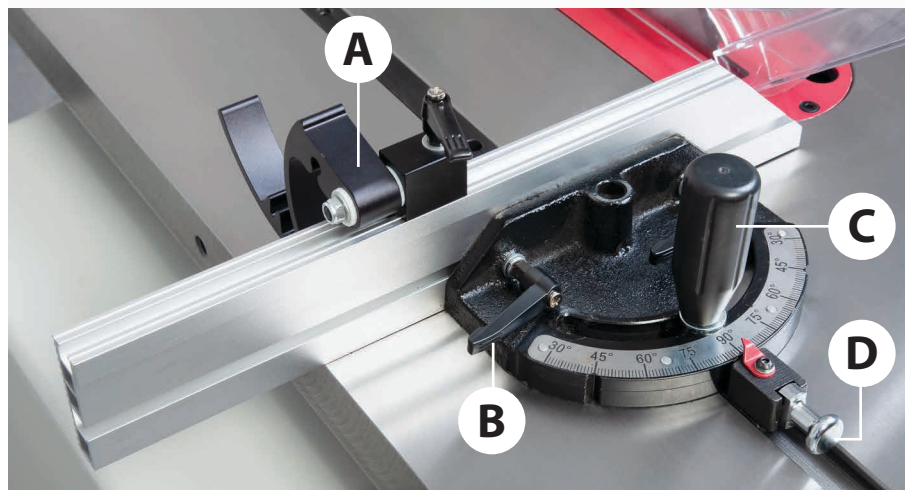
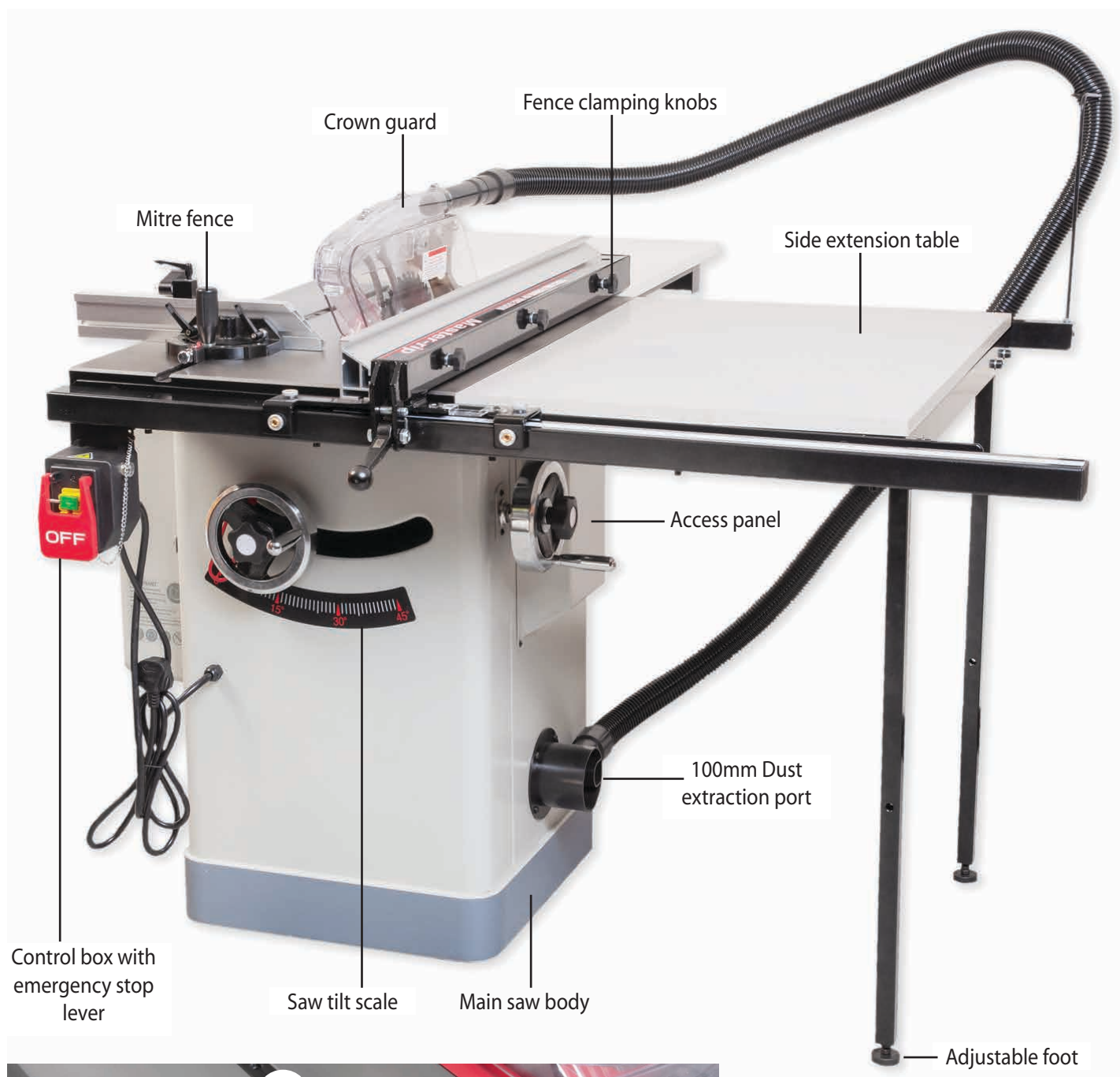
Control box 'RESET' button



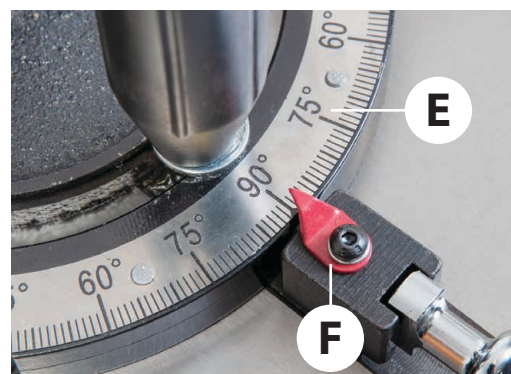
Spindle lock button, press and hold when changing the blade

Continues over...

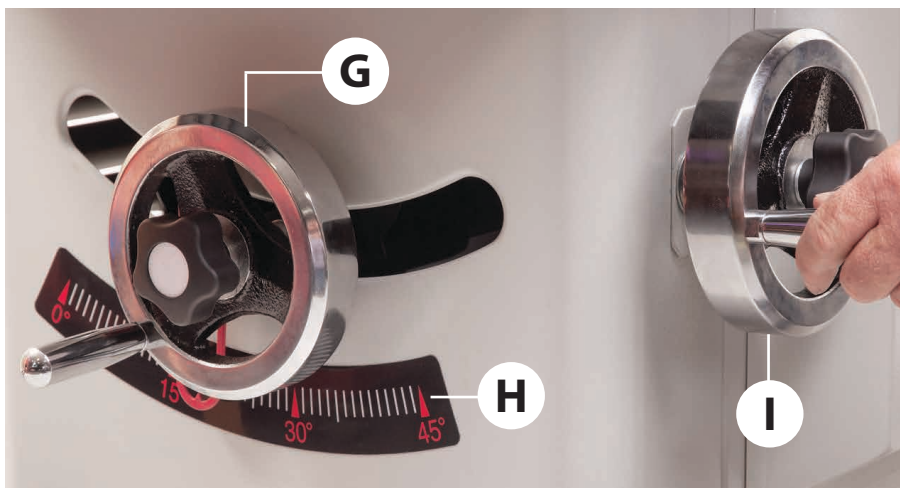
ILLUSTRATION & PARTS DESCRIPTION



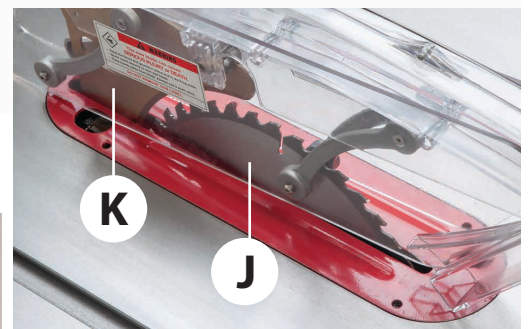
Mitre fence distance stop (A), Mitre fence locking handle (B), Mitre locking knob (C) and preset locking pin (D)



Mitre fence scale (E) and pointer with adjustable Hex screw (F)



Rise & fall operating wheel and locking knob (G), Saw tilting scale (H) and Saw tilt operating handle & locking knob (I)



Scale pointer adjusting Hex screw
254mm Saw blade (J),
Crown guard riving knife (K)

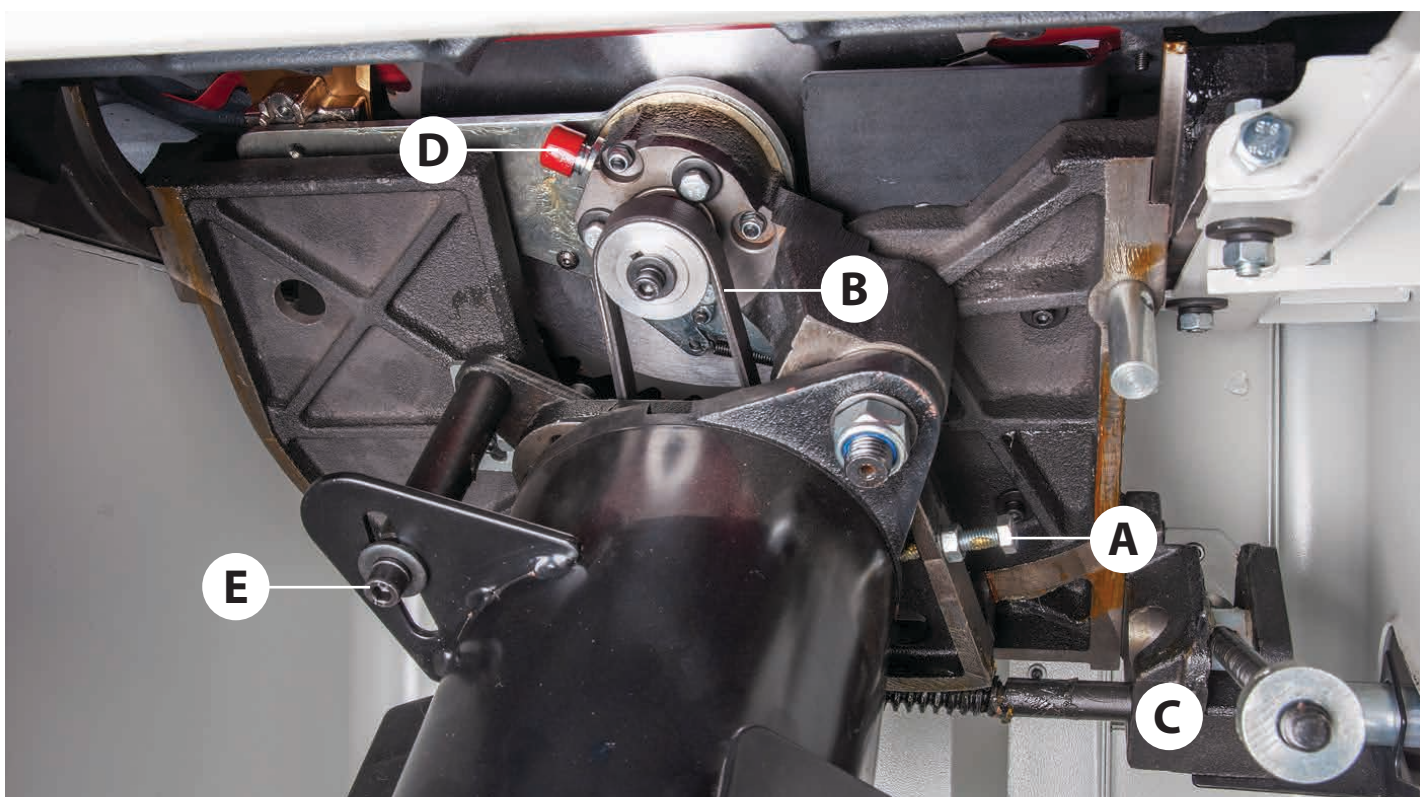
ILLUSTRATION & PARTS DESCRIPTION



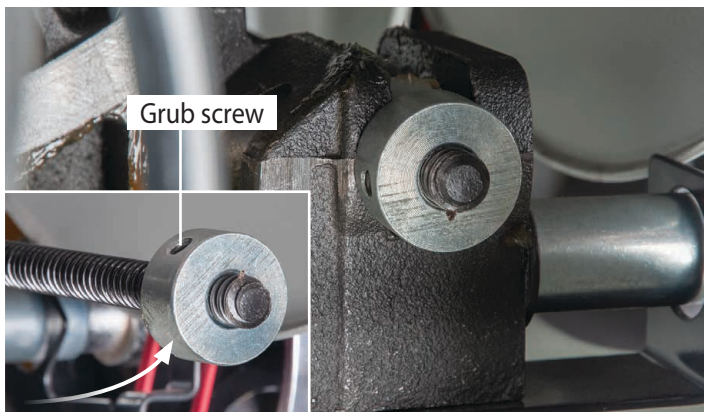
Rip-fence in the upright position for guiding timber through



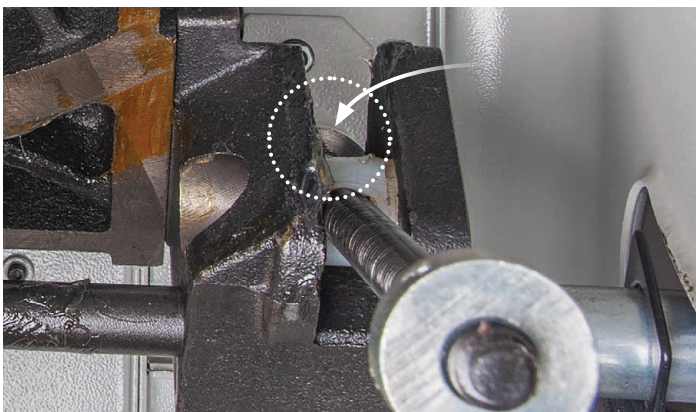
Rip-fence in the down position for guiding narrower timber through



Blade height adjusting bolt (A) for drive belt, Saw blade drive belt (B), Saw tilt mechanism (C), Spindle lock button (D), Motor locking caphead bolt (E)



90° Degree positive stop collar & locking grub screw



45° Degree positive stop collar & locking grub screw



DISCONNECT THE MACHINE FROM THE MAINS SUPPLY BEFORE CONTINUING!

Setting the Saw Blade at 90°

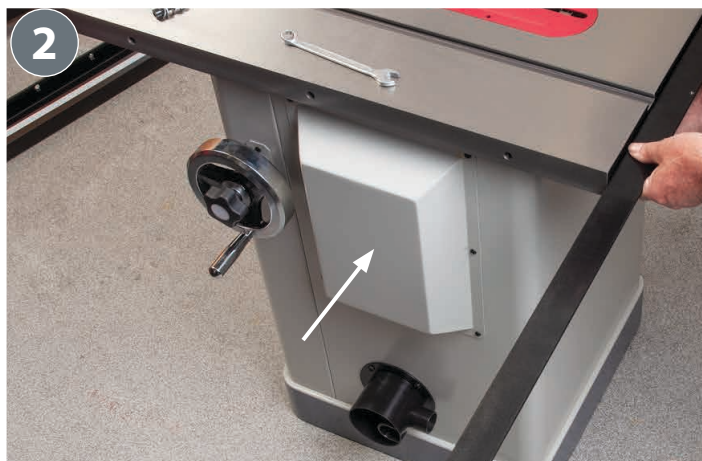
Remove the crown guard and insert plate and place to one side. Turn the rise & fall operating wheel so the saw is at its maximum height. Turn the tilt operating wheel until the saw is up against the 90° positive stop. Place a square up against the blade and check it's at 90° to the table, see fig 1.



If adjustment is required, loosen the grub screw on the 90° stop collar shaft, see page 20. Adjust the collar in small increments until the blade is perpendicular with the table. Nip up the collar to lock the setting. Reset the scale pointer if required, see page 19.

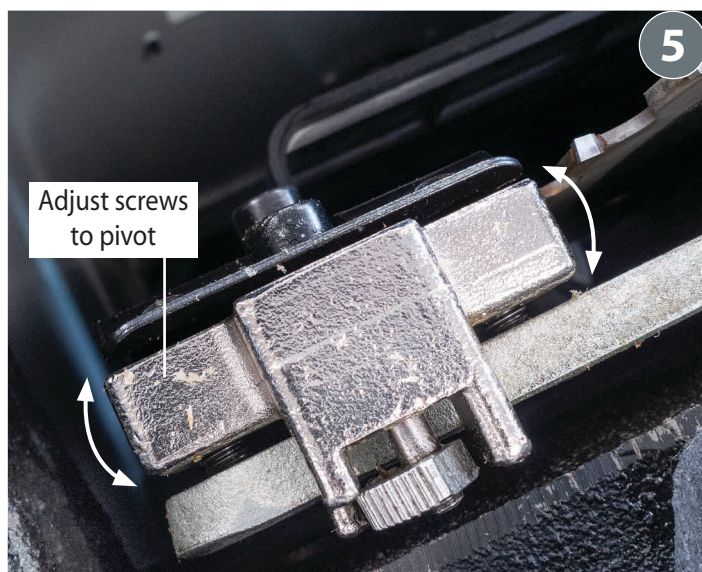
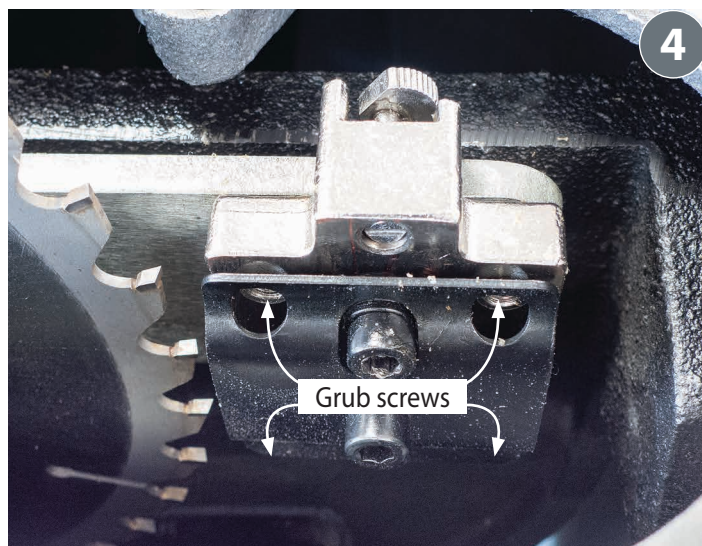
Setting the Saw Blade at 45°

Tilt the saw to 45° degrees until it's against its stop collar, see page 20. Place a mitre square up against the blade and check it's at 45° with the table. If adjustment is required repeat the procedure as described above. NOTE: to gain access to the 45° stop collar remove the access panel to the side of the tilt operating wheel, see fig 2.



Setting the Riving Knife

The riving knife should be aligned with the saw blade. To adjust insert the riving knife (J) as shown on page 14. Adjust the four grub screws to the opposite side of the clamping plate assembly to align the riving knife with the blade, see fig 3-4-5. Replace the insert plate.

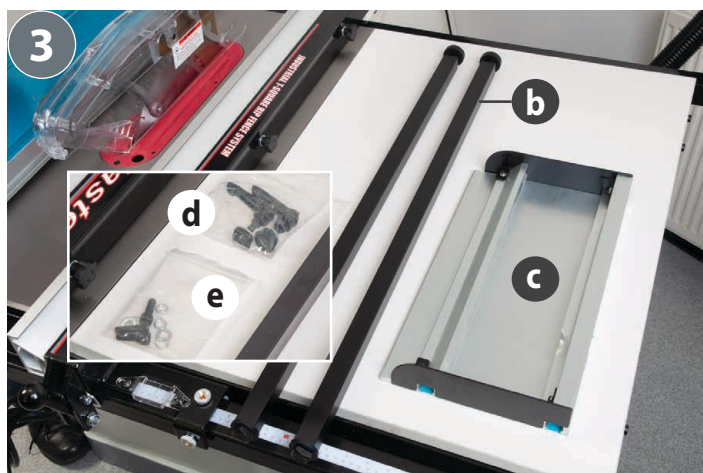
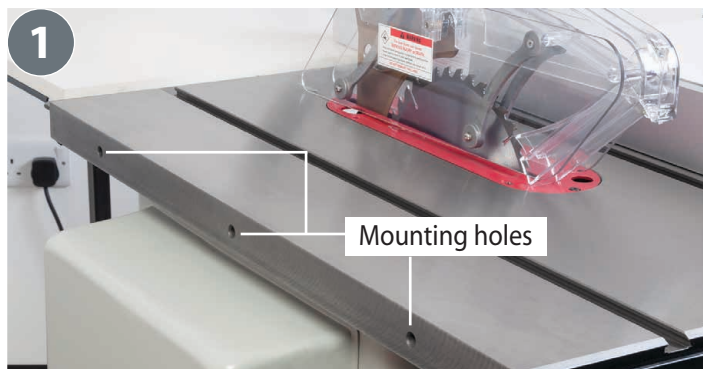


OPTIONAL ACCESORIES ASSEMBLY

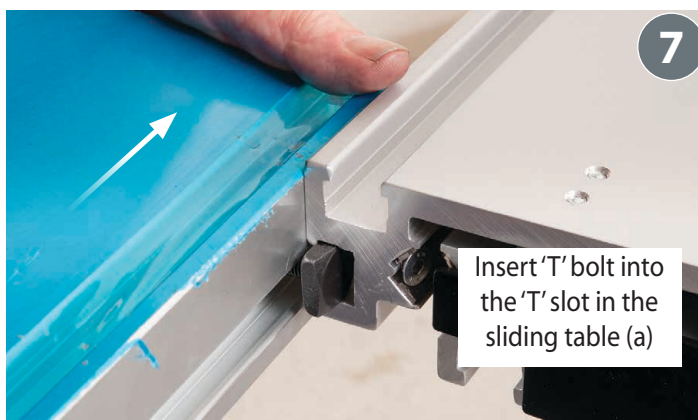
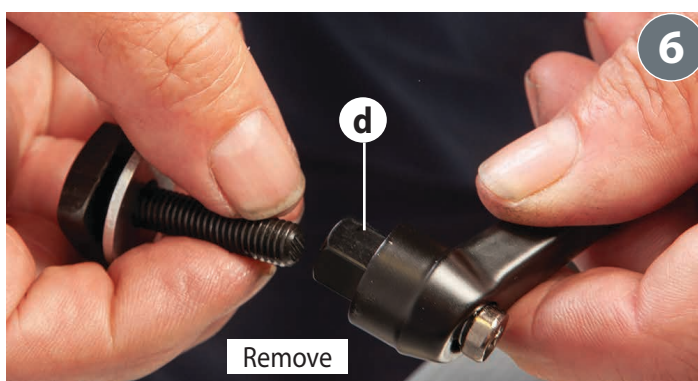


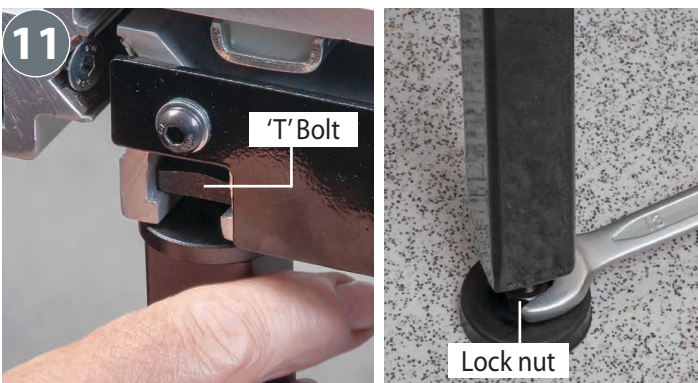
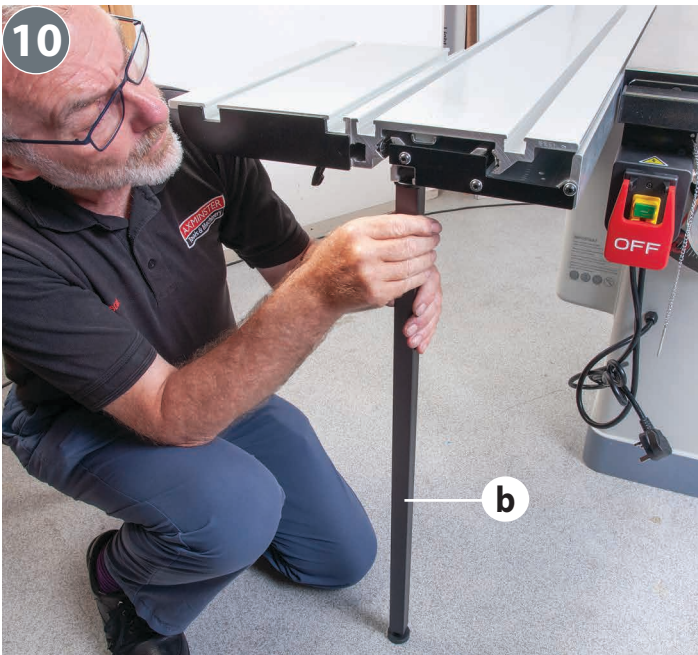
DISCONNECT THE MACHINE FROM THE MAINS SUPPLY BEFORE CONTINUING!

Code 104505 **ST-1400 Sliding Table**

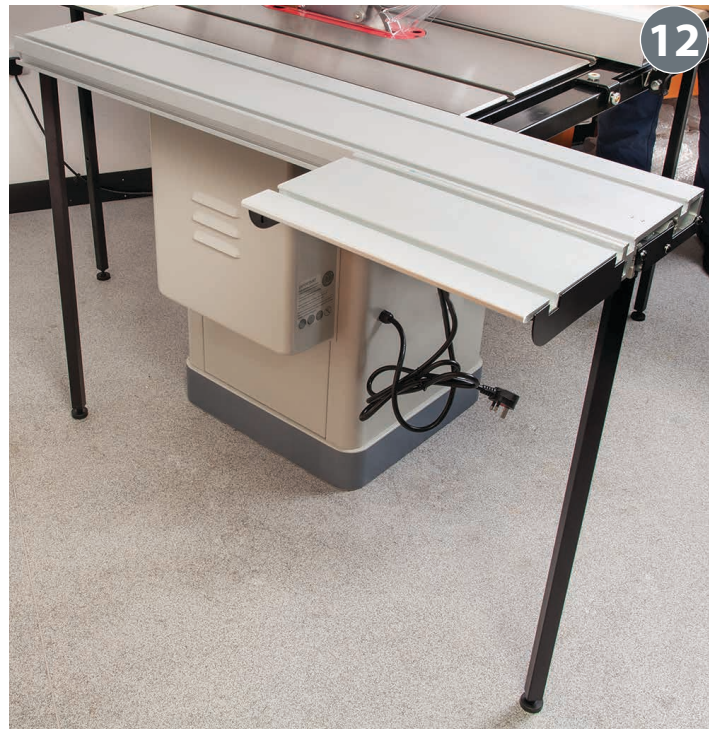


Adjust the three caphead screws until the slide table carriage is slightly proud (0.5-1mm) with the main saw table (A).





Locate the two support legs (b). Insert the 'T' bolt into the machine slot to each end of the sliding table (a). Twist the leg to clamp it against the underside of the table. Adjust the support leg rubber feet.



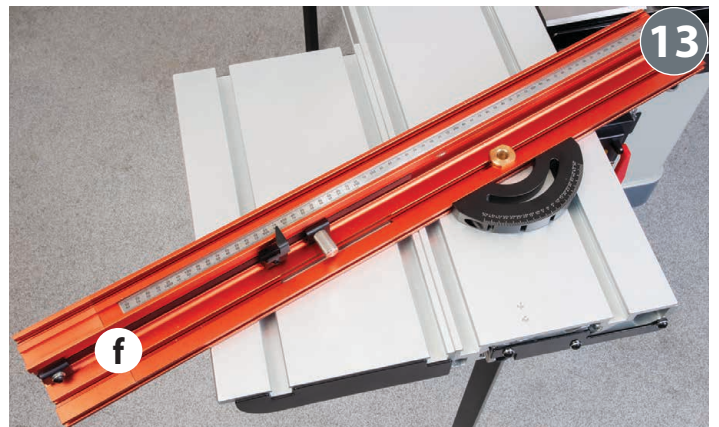
Un-locked



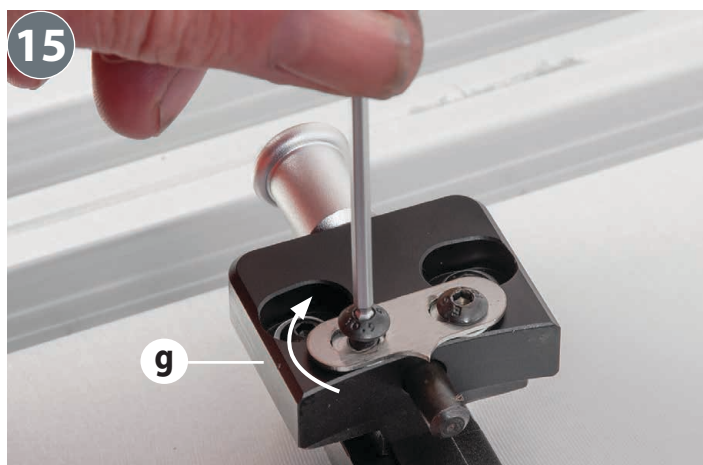
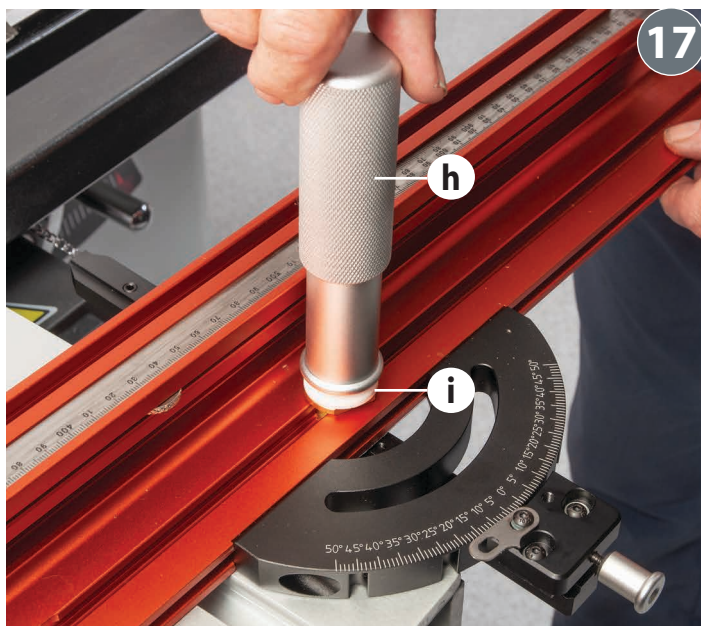
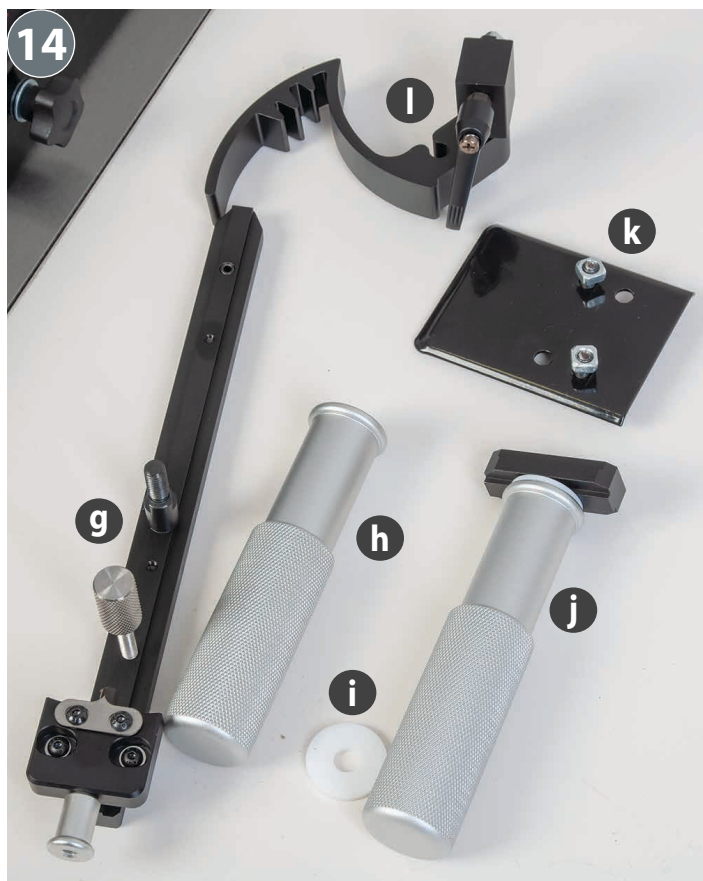
Locked

The sliding table locking pin knob is spring loaded. Pull and twist to engage or disengage the locking pin.

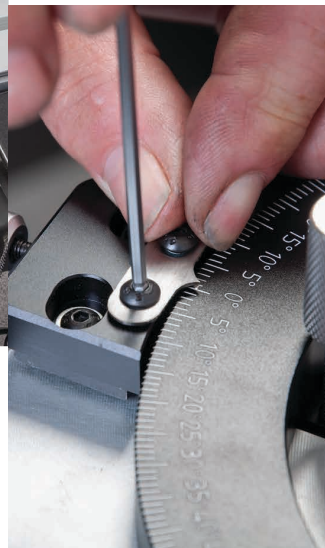
UJK STF-1400 Telescopic Mitre Fence Arm

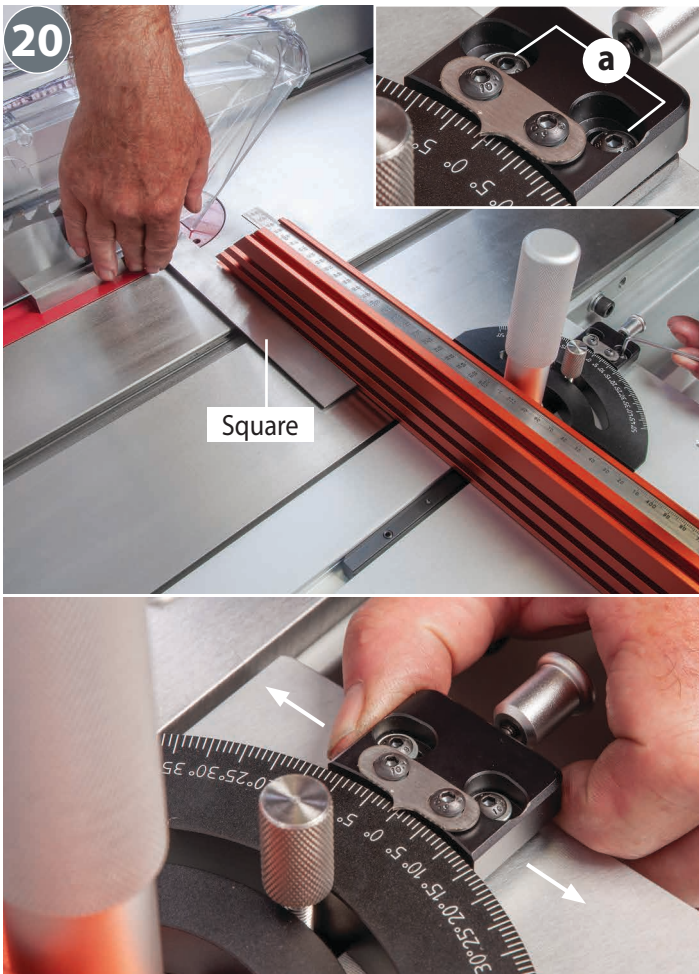


OPTIONAL ACCESORIES ASSEMBLY

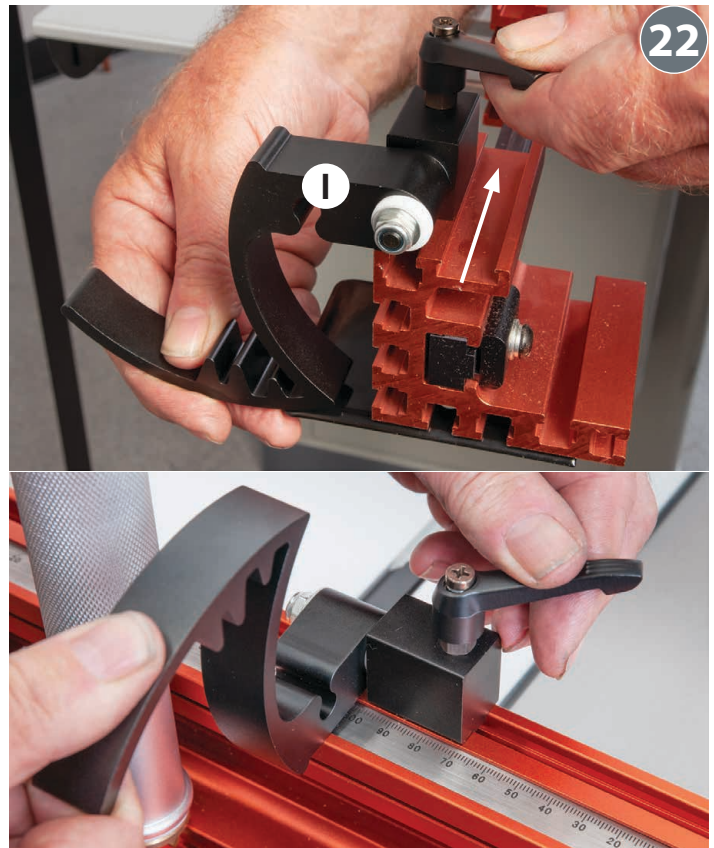
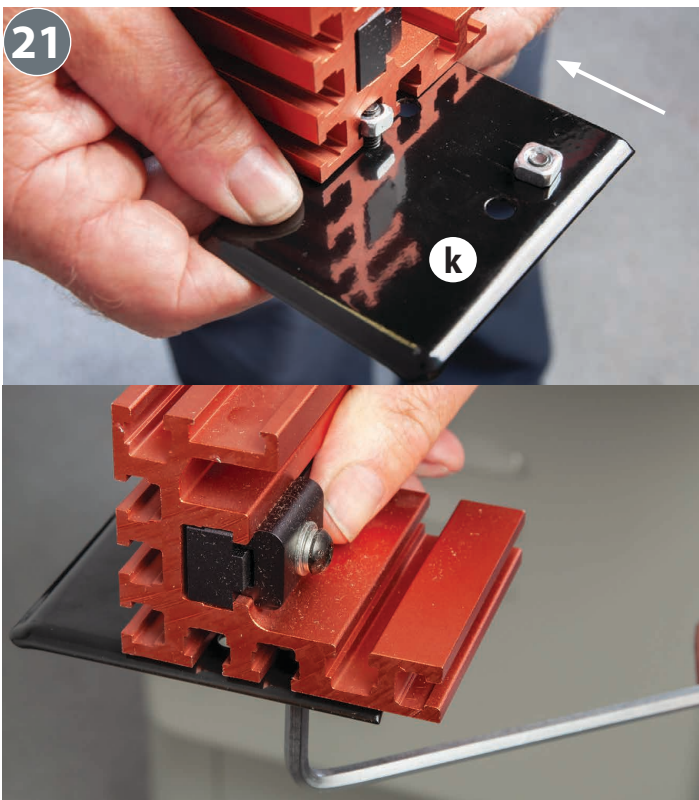


Remove Hex screw and rotate the scale indicator out of the way to install the mitre fence (f). Slot pre-drilled hole in the fence down over the threaded pin on the mounting bar (g) and lower in place .



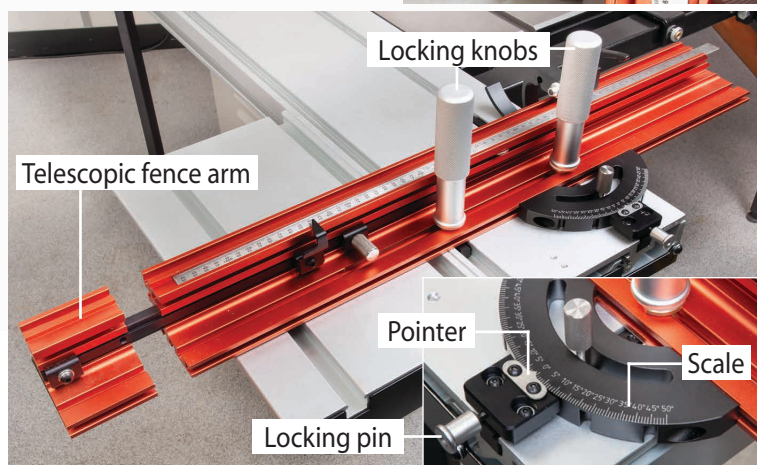
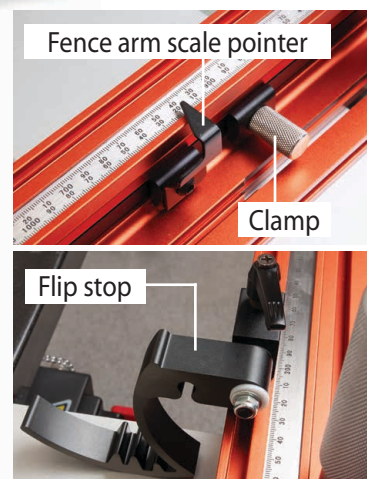


Place a square against the blade/fence and check the pointer on the scale is at 'ZERO'. If adjustment is required loosen the two caphead screws (a) and reposition until correct. Re-tighten the screws.



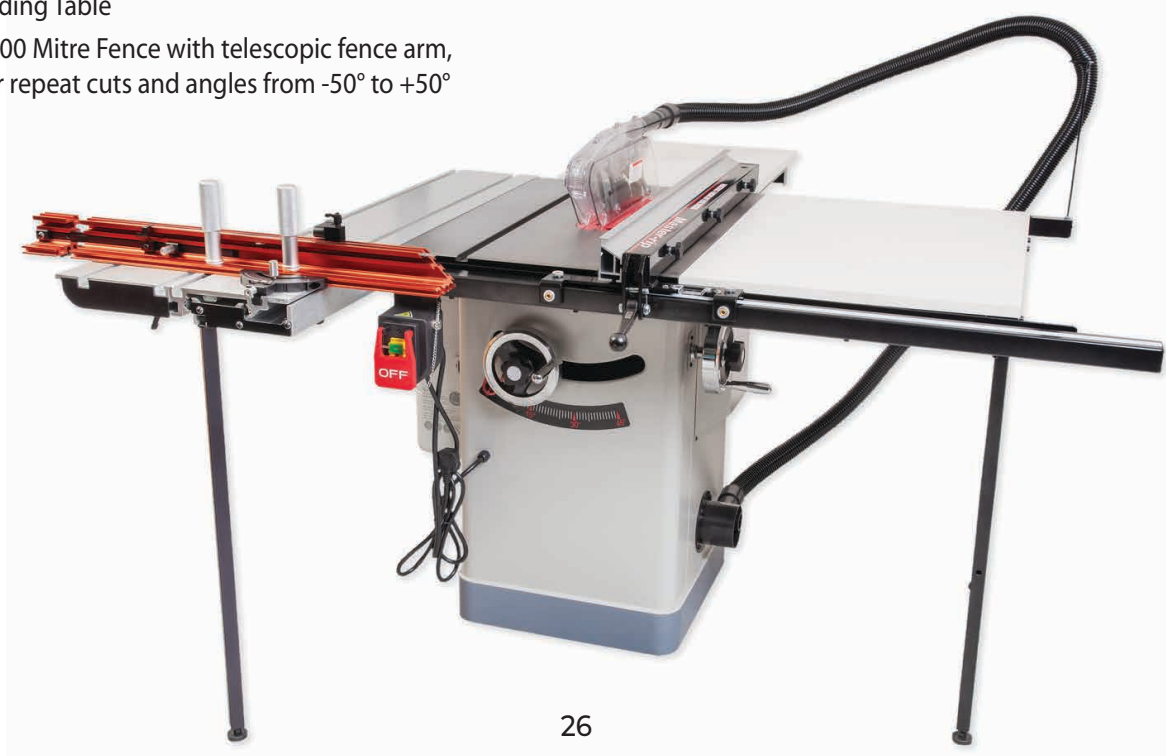
Undo the mitre fence scale clamping wheel, using a steel rule measure 100mm back from the saw tip, so the scale on the rule lines up with the 100mm on the mitre fence scale. Nip up the clamping wheel to lock the setting.

OPTIONAL ACCESORIES ASSEMBLY



AT254LTS Table Saw fitted with:

- ST-1400 Sliding Table
- UJK STF-1400 Mitre Fence with telescopic fence arm, flip stop for repeat cuts and angles from -50° to $+50^{\circ}$





DISCONNECT THE MACHINE FROM THE MAINS SUPPLY BEFORE CONTINUING!

Code 104504 **Shark S-12 Overhead Crown Guard**

The Shark S-12 Overhead Crown Guard is for the AT254TS or AT254LTS Table Saw. This style of crown guard offers a higher level of user safety and a more efficient dust collection.

The heavy duty steel frame, cast joints and high grade alloys make it rigid yet easy to adjust. The large, unbreakable polycarbonate hood gives great visibility for safer use. The hood assembly can be set at any height above the blade through a linear guideway and supporting air strut. When you need to change the blade the whole top arm hinges back to the rear.

A must when using a dado cutter head, the crown guard will enhance this table saw, making your work safer and more efficient.



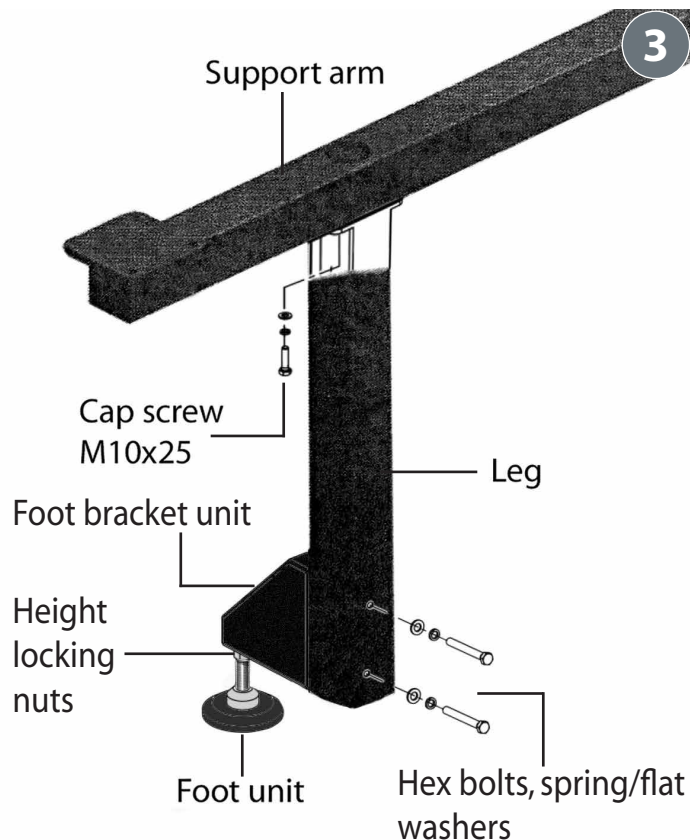
TWO PERSON ASSEMBLY!



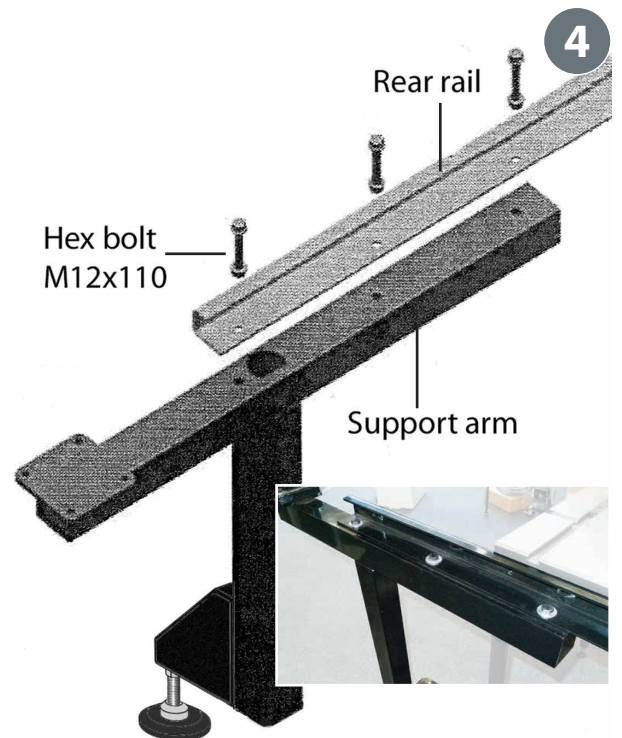
Heavy duty rear rail mounting plate



1. Remove the standard rear rail mounting plate (A) and the rear extension table (B). Locate the heavy duty rear rail, see diagram 1. Secure the heavy duty rail in place and replace the rear extension table assembly (B). Refer to 'Assembly/Setup and adjust both extension tables and rip-fence until correct.



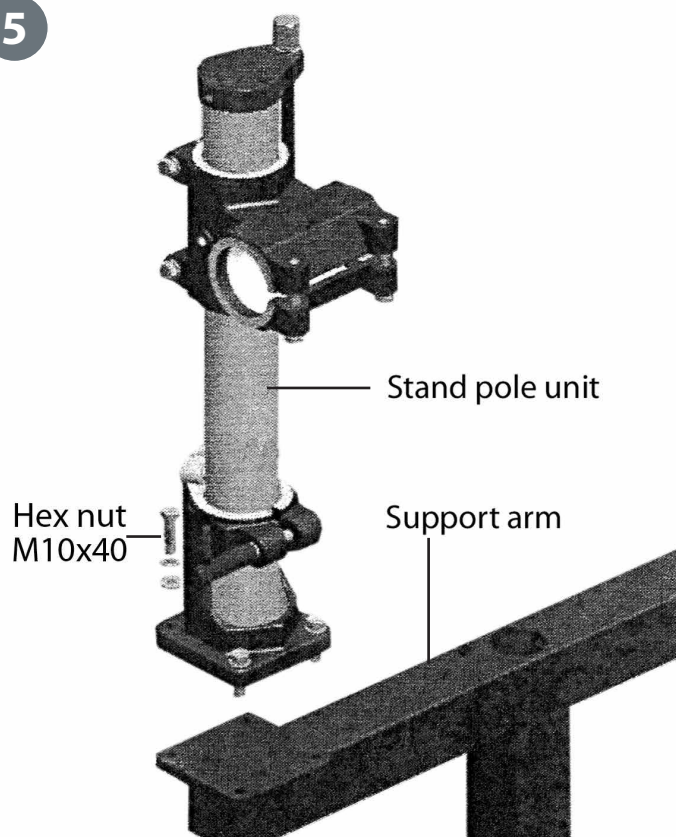
3. Attach the foot bracket unit to the leg with two Hex bolts, spring/flat washers and then mount the leg to the support arm by cap screws M10x25mm, see diagram 3.



4. Install the support arm to the heavy duty rear rail by three Hex bolts M12x110mm, see diagram 4.

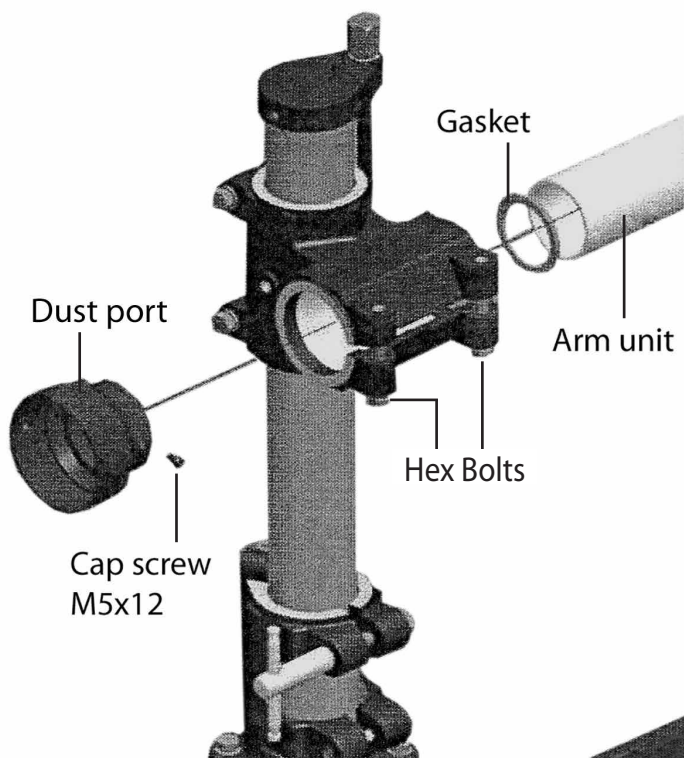
OPTIONAL ACCESORIES ASSEMBLY

5



5. Install the stand pole unit to the support arm by four M10x40mm Hex screws and tighten securely, see diagram 5.

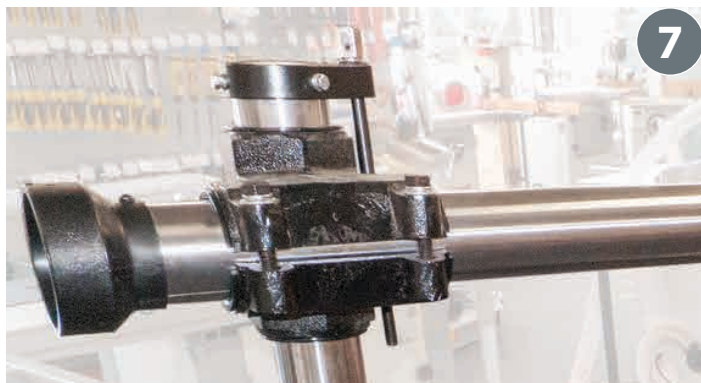
6



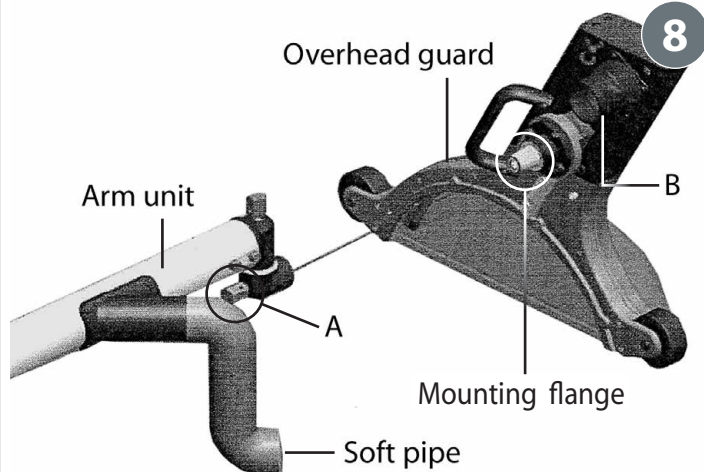
6. Release the bracket Hex bolts on the stand pole and slide the arm unit through the stand pole bracket assembly. Nip-up the Hex bolts, see diagram 6-7.

7. Fit the dust port and gasket to the arm unit pipe. Secure in place with the set screw M5x12, see diagram 6.

7

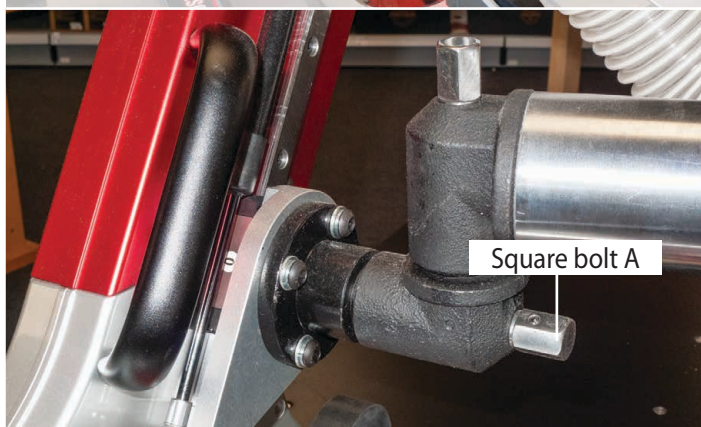
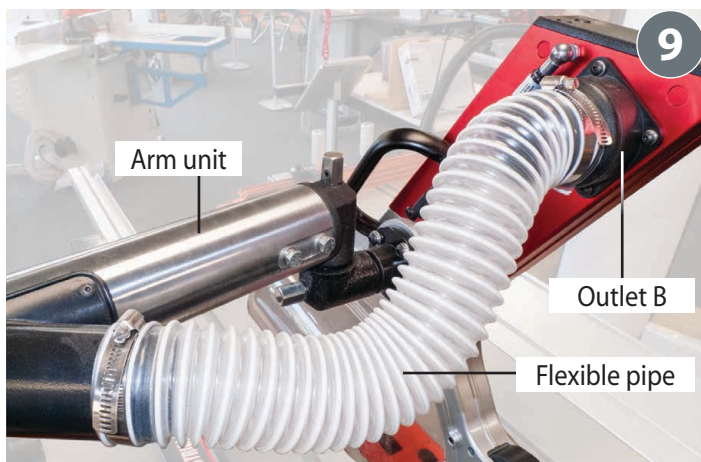


8



8. Line up the threaded square bolt (A) with the mounting flange on the guard unit and secure it to the arm. Fit a retaining clip over the flexible soft pipe and secure it in place onto the overhead guard assembly outlet (B), see diagram 8-9.

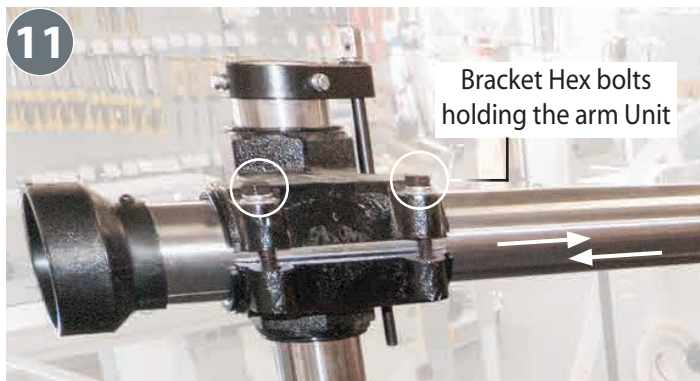
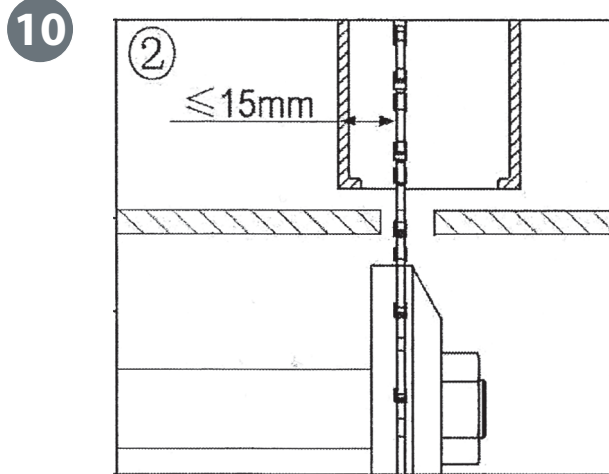
9



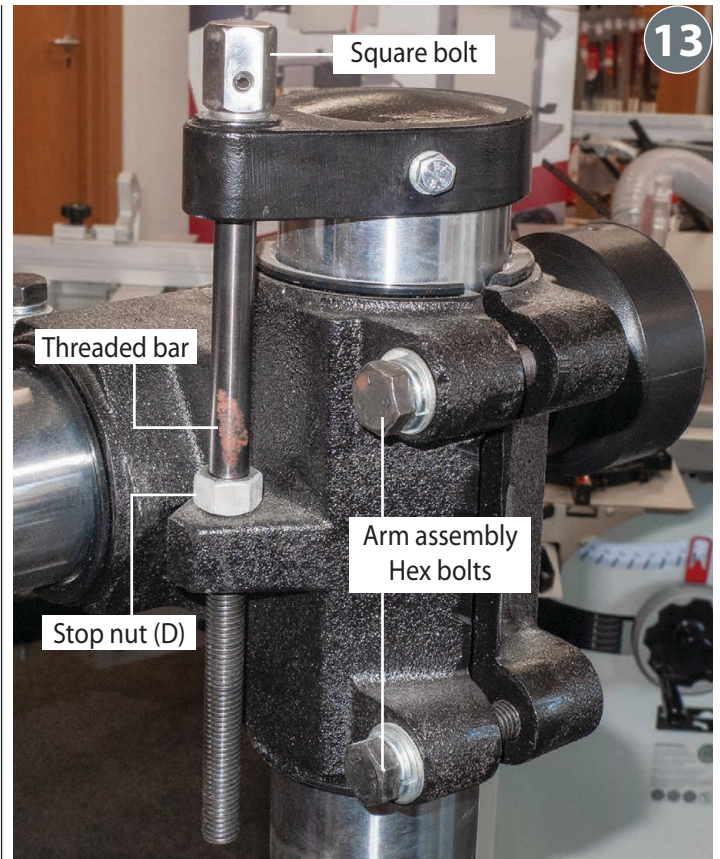
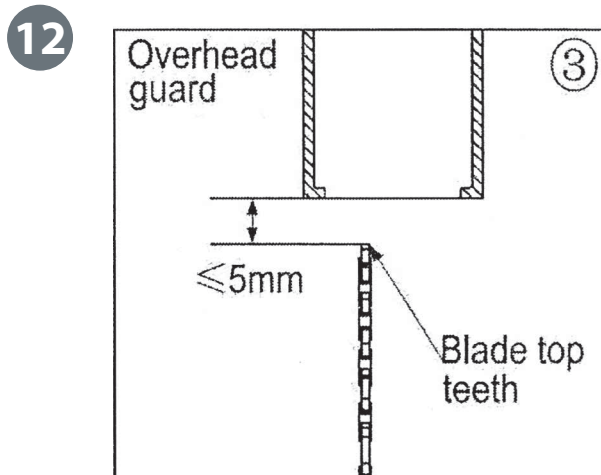
Overhead Guard Assembly

The overhead crown guard needs to be adjusted to the blade.

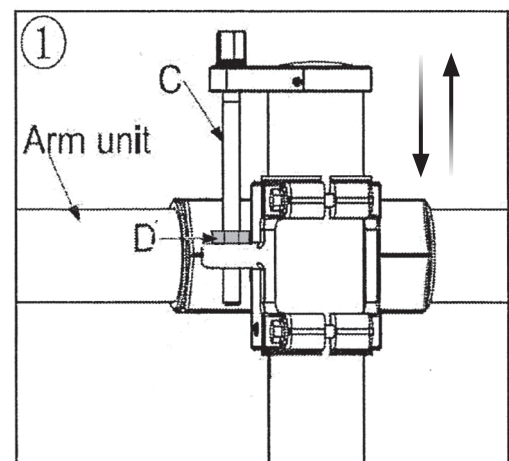
9. The crown guard must have 15mm clearance between the blade and the side of the guard, see diagram 10, fig 2. To adjust release the two Hex bolts holding the arm unit bracket assembly, see diagram 11. Push the arm unit forward or back until correct. Re-tighten the bracket Hex bolts.



10. The overhead crown guard needs to be set so it sits 5mm above the top of the blade teeth, see diagram 12, fig 3. First release the two Hex bolts locking the arm unit assembly in place, see diagram 13. Loosen the stop nut (D) to allow you to set the height of the arm unit. Adjust the square bolt on the



threaded bar (C) to raise or lower the assembly until the correct height has been reached, see diagram 13-14. Nip-up the stop nut against the casting to set the depth and nip-up the two Hex bolts on the arm assembly.



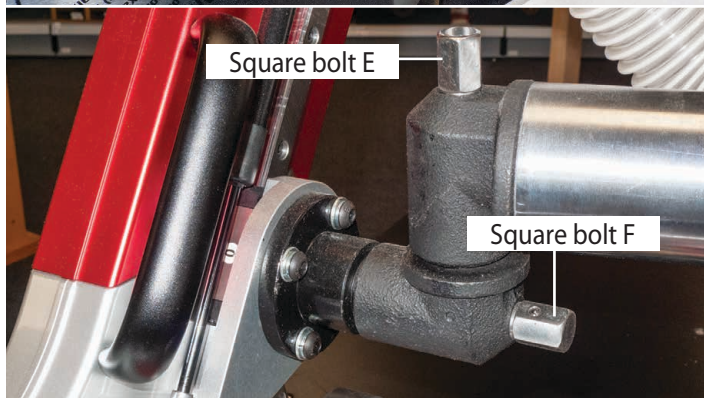
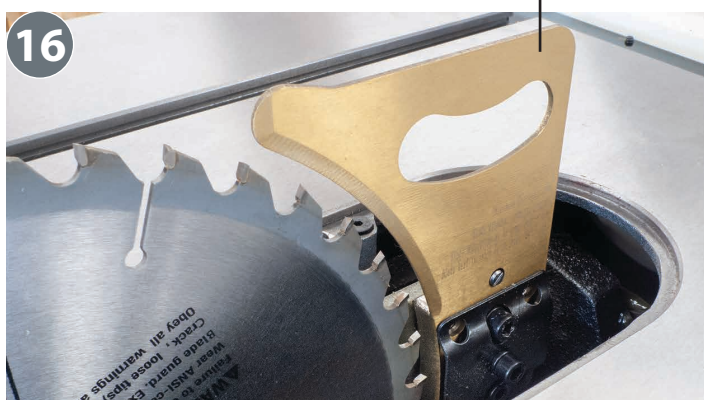
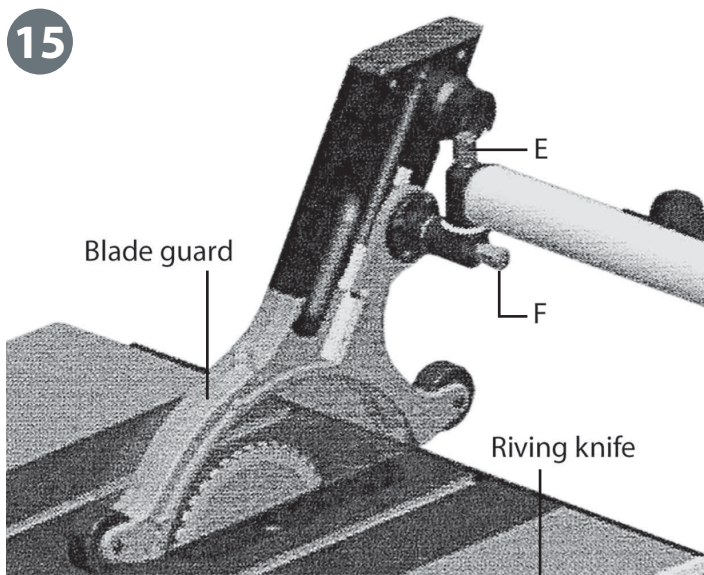
Overhead Guard Unit

The crown guard unit can be adjusted independently by adjusting the two square bolts (E & F) to the end of the arm unit, see diagram 15-16. When the blade is tilted over to 45° degrees you can adjust the guard to stop it coming into contact with the riving knife which is very IMPORTANT!



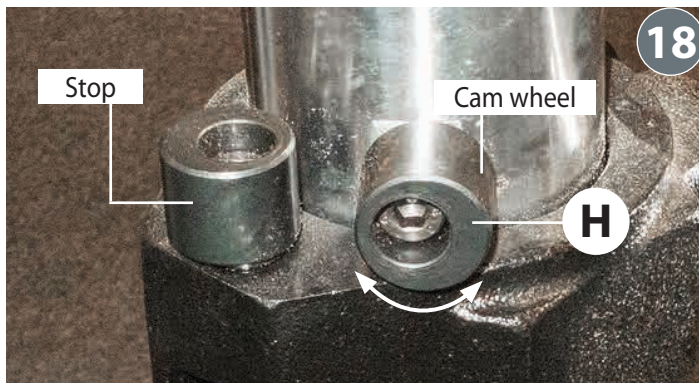
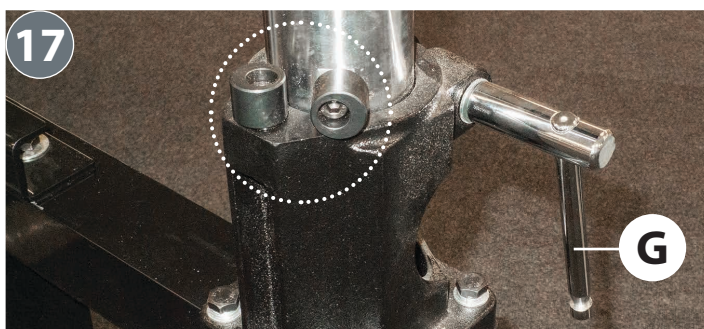
MAKE SURE THE RIVING KNIFE DOES NOT COME INTO CONTACT WITH THE GUARD ASSEMBLY. THIS IS VERY IMPORTANT!

OPTIONAL ACCESORIES ASSEMBLY

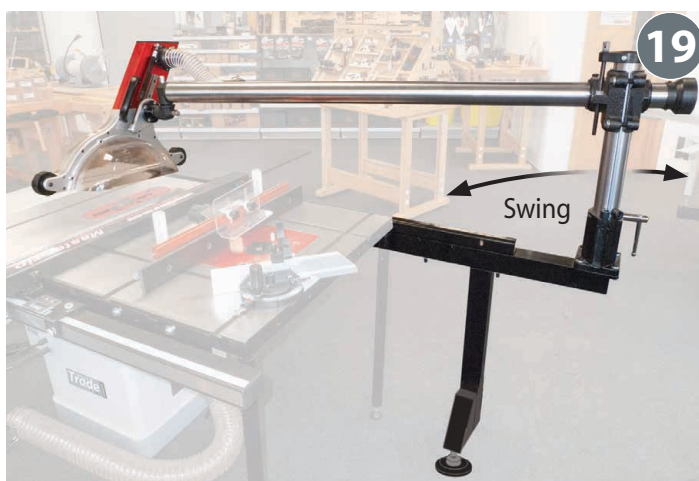


Overhead Guard Swing

The overhead guard can be swung out of way for making adjustments to the blade. The swinging action can be altered by adjusting the cam wheel stop (H) located to the base of the stand pole unit, see diagram 17-18.



To adjust, release the locking clamp (G) to the base of stand pole unit, using the supplied Hex key rotate the cam wheel stop. Swing the arm assembly until the cam wheel is up against the stop, make further adjustment if required and tighten the clamp (G) when finished, diagram 17-18-19-20.



Overhead guard with Dado Blade fitted



IMPORTANT! IF YOU INTEND TO USE A DADO BLADE MAKE SURE YOU REMOVE THE RIVING KNIFE.



Code 104503 Dado Blade Set

This 204mm diameter Dado Blade Set comprises 2 x 24 tooth TCT outer blades, 6 inner chipper blades and 4 spacers. The chippers and spacers fit between the outer TCT blades. Simply select the inner chippers and spacers required to cut the width of slot required. The outer blades are 3.2mm. The inner chippers are 4 x 3.0mm, 1 x 2.2mm and 1 x 1.5mm. The spacers are 2 x 0.4mm and 2 x 0.3mm.



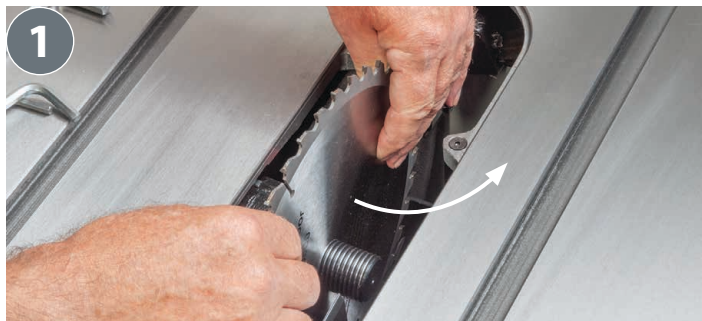
NOTE: THE DADO HEAD SHOULD NEVER BE USED TO CUT THROUGH THE TIMBER, IT IS FOR MACHINING GROOVES USING LIGHT, MULTIPLE CUTS!



NOTE: THE DADO BLADE CAN CUT GROOVES UP TO A MAXIMUM OF 18MM IN WIDTH WHEN USED WITH THIS TABLE SAW!



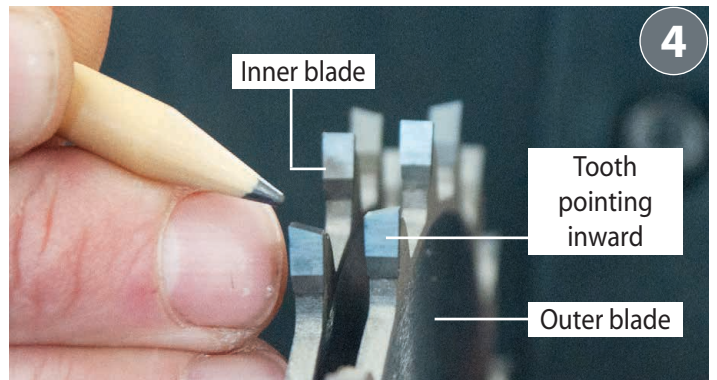
DISCONNECT THE MACHINE FROM THE MAINS SUPPLY BEFORE CONTINUING!



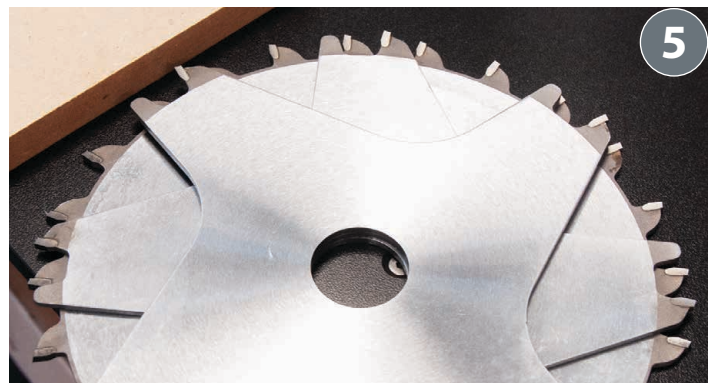
Remove the standard blade and riving knife and place safely away.



Layout the TCT outer blades, chipper blades and the spacers.



Make sure the teeth of the inner and outer blades are facing inward.



Find a scrap piece of timber the thickness of the cut as a guide. Place the inner blade against the timber and start stacking the chipper blades on top. Make sure the teeth are spaced equally and pointing forward.



OPTIONAL ACCESORIES ASSEMBLY



DO NOT OVERLAP the blade teeth.



The teeth equally spaced and pointing forward.



The teeth not equally spaced and not pointing forward.

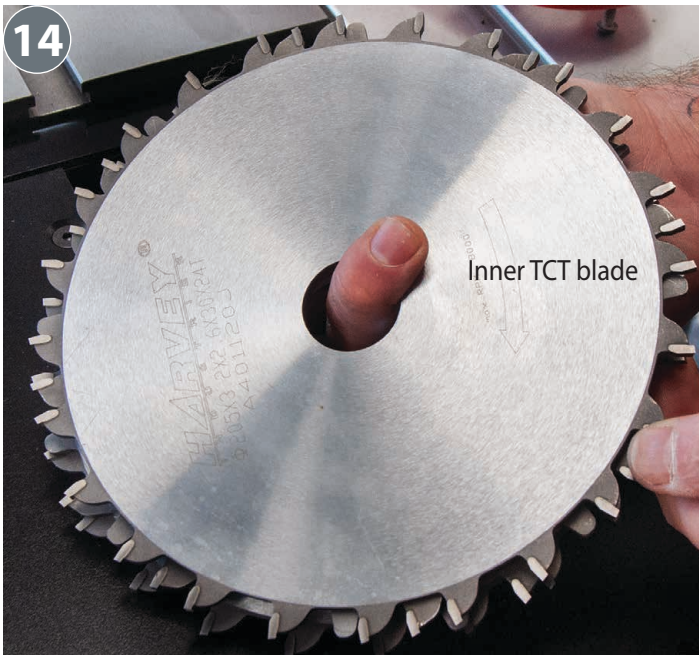


Use the supplied spacers between the blades to make small adjustments in the height.

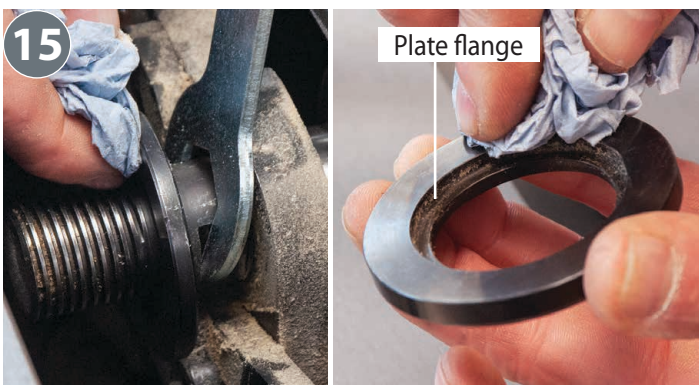


Place the outer TCT blade on top and check the tooth is the same depth as the timber. If the blade is too high/low, rearrange the chipper blades and spacers until the correct depth is reached.

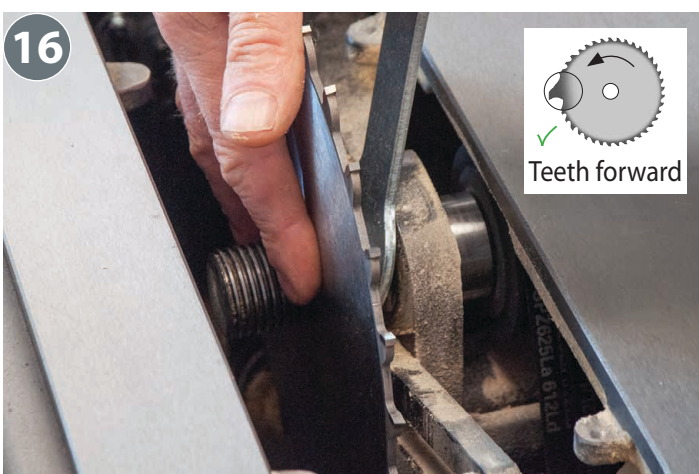




Turn the 'Dado' blade assembly over so the inner TCT blade is on top in preparation for installation.

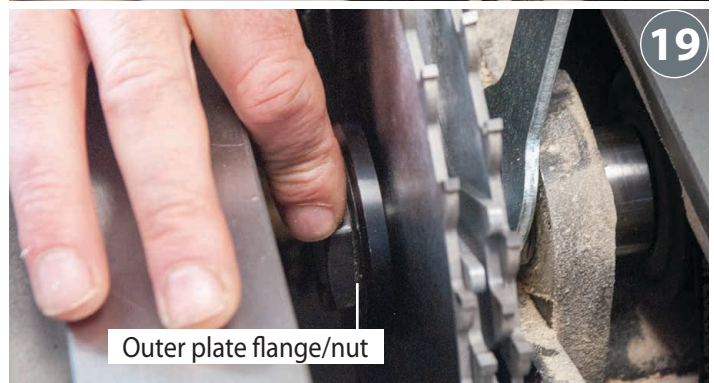
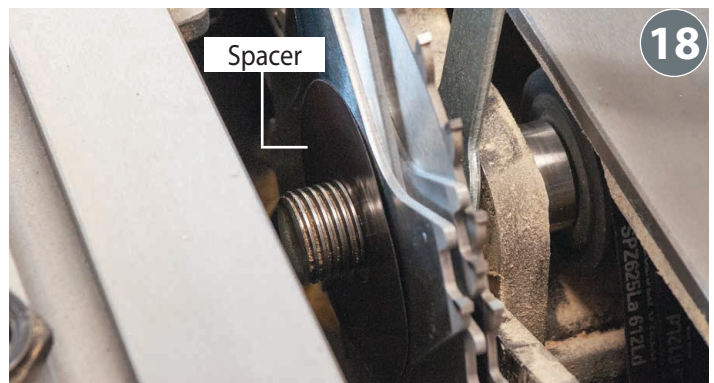
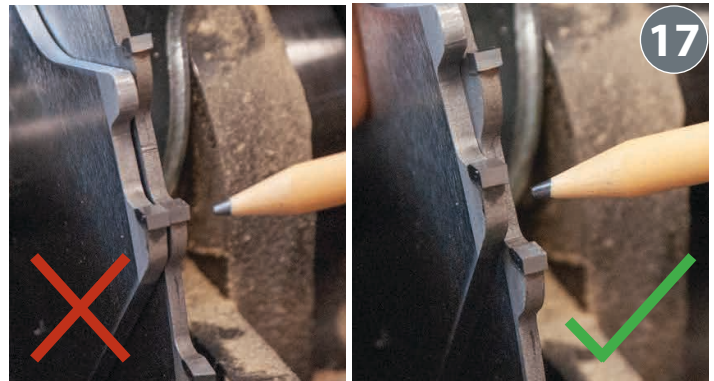


Clean the inner and outer plate flanges

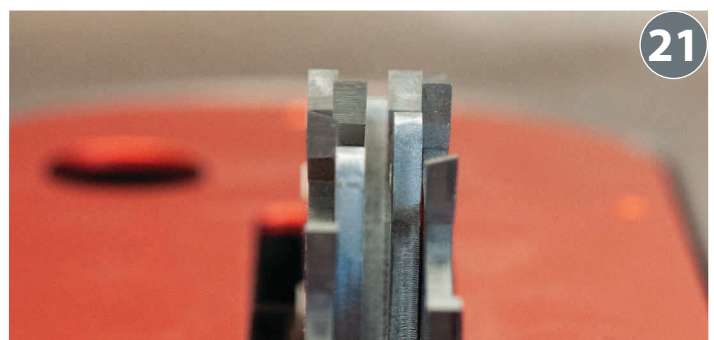
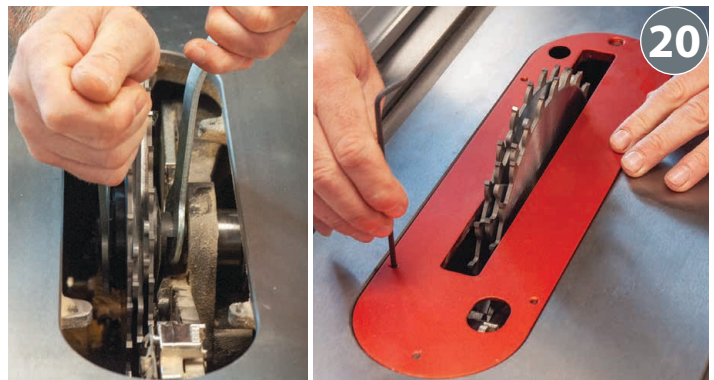


Slide the inner TCT blade over the shaft and up against the inner plate flange. Make sure the teeth are pointing forward. Mount each blade and spacers in turn onto the shaft.

Important note: make sure to space the blade teeth equally as shown in fig 17. Once all the blades are on, replace the outer flange/nut and resecure. Replace the insert plate.



Make sure the plate flange slots over the nut's recess.



OPERATING INSTRUCTIONS



CLEAR ALL THE TOOLS AWAY FROM WORK AREA!



CONNECT THE MACHINE TO THE MAINS SUPPLY!

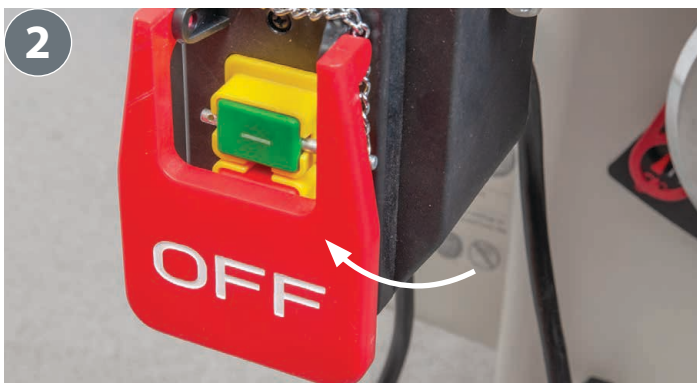
Connect the machine to the mains supply. Remove the locking pin from the power switch, see fig 01, give the machine a test run, by pressing the On/Off buttons.



Check that everything is OK. No knocking, scraping, belt squeal, rubbing etc. Switch off the machine, wait until the saw comes to a complete stop and disconnect the machine from the mains supply.



RECONNECT THE MACHINE TO THE MAINS SUPPLY!



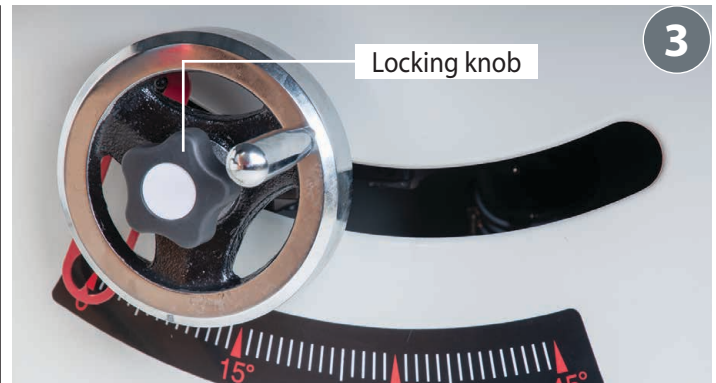
Reconnect the mains, give the machine a longer run, and press down the emergency stop lever on the front of the machine, see fig 02. Check that the blade comes to a complete stop. When you are happy that everything seems OK, switch the machine off.



DISCONNECT THE MACHINE FROM THE MAINS SUPPLY!

Operating Procedures

1. Regulate the cutting height by raising or lowering the rise and fall control hand wheel. Lock the blade in place by turning the rise & fall control wheel locking knob, see fig 03.



2. Adjust the rip-fence to the desired position by loosening the rip fence clamping lever, see fig 04.

3. Check that the room is well lit.

4. Use the optional ST-1400 Sliding table kit when cutting large pieces of board at 90° degrees, see fig 05.

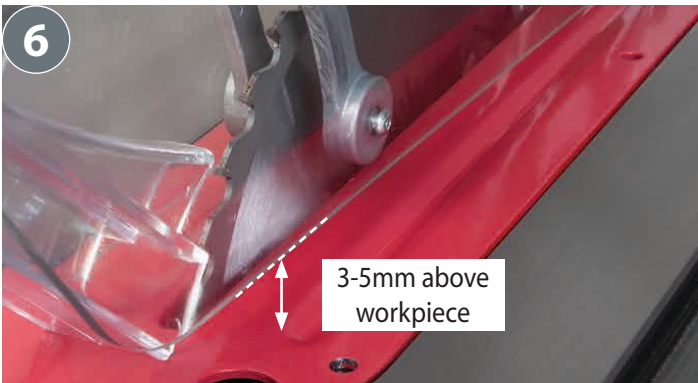


5. DO NOT use damaged or blunt blades as they can increase the effort required for feeding the workpiece through and the risk of accidents from 'KICKBACK'.

6. Make sure that the saw table is clear of any tools and other accessories.

7. CHECK for deposits of gum or resin build up near the teeth as this tends to cause the saw to stall or the timber to stick.

8. CHECK that the crown guard is 3-5mm above the top of the workpiece, see fig 06



9. The riving knife acting as a back guard that stops the wood from closing up onto the blade and being ejected. The riving knife must be thicker than the plate of the saw blade but less than the kerf (this is the thickness of cut).

10. MAKE SURE your workpiece is securely clamped in place.

Dust Extraction

The panel saw has a 100mm dust extraction outlet to the side of the machine, attach a suitable chip extractor to the panel saw.



WARNING!! ONLY USE AN EXTRACTOR WITH AN AIR FLOW OF 1,000M3/HR OR ABOVE WITH THIS PANEL SAW. CONTACT OUR SPECIALIST AFTER SALES TEAM FOR HELP. PHONE: 03332 406406



RECONNECT THE MACHINE TO THE MAINS SUPPLY!

1. Start the saw by pressing the 'ON' button on the control switch, wait until the saw is at full speed and carefully guide the workpiece safely through.



WARNING! DO NOT PUSH THE WORKPIECE TWO QUICKLY THROUGH OTHERWISE THE BLADE MIGHT STALL OR KICKBACK.

2. Once complete, turn off the saw, wait until the saw comes to a complete stop before removing the workpiece.

NOTE: If the blade '**JAMS**' '**SLAP DOWN**' the 'Emergency Stop' lever immediately, see fig 02 to shut down the machine. Disconnect the saw from the mains supply and remove the jammed workpiece. Check the blade for signs of damage eg, missing or bent teeth. It's good practice to run the machine without the blade to check that no other damage has been made. If all OK switch off the machine, disconnect from the mains and replace the blade. Reconnect the saw to the mains and press the '**REST BUTTON**', to the side of the control box, see fig 07. Continue with operation.



DURING OPERATION IF YOU NOTICE A BUILD UP OF SAW DUST STOP THE MACHINE AND FOLLOW THE INSTRUCTIONS BELOW.

Wait until the saw has stopped and disconnect the machine from the mains supply.

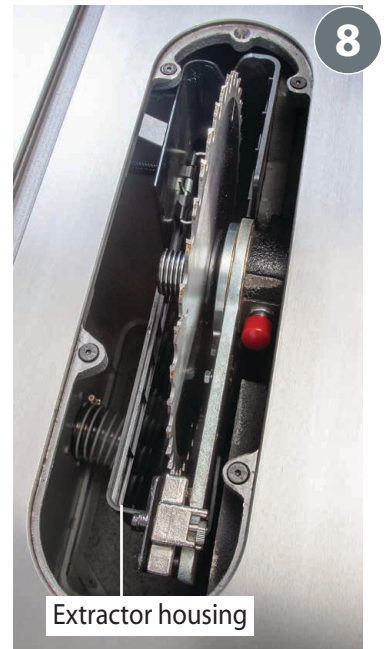
3. Remove the crown guard and insert plate, using an 'M' class vacuum cleaner clean the saw assembly. NOTE it may be easier to remove the blade to give you better access. Check the extractor housing and clean out any build up of dust and debris or resin from within. Remove the 100mm hose from the extraction outlet and check for blockages inside the outlet and inside the hose. Repeat the procedure for the crown guard assembly. Replace hoses, blade and insert plate once completed.

4. Check your dust extractor and empty the collecting bags if full, also check and make sure the filters are clean.



RECONNECT THE MACHINE TO THE MAINS SUPPLY!

5. Start the saw by pressing the 'ON' button on the NVR switch wait until the saw is at full speed, if everything OK. carefully guide a test workpiece safely through, checking there is no build up of dust. If all is OK., turn off the saw, wait until the saw comes to a complete stop before removing the workpiece.



DISCONNECT THE MACHINE FROM THE MAINS SUPPLY!

OPERATING INSTRUCTIONS

Rip Saw Cutting

A push stick must be used when making cuts less than 300mm in length. The push stick should be at least 450mm long with a 'bird's mouth' to one end. Set the crown guard 3-5mm above the top of the workpiece and set the fence for the width of cut.

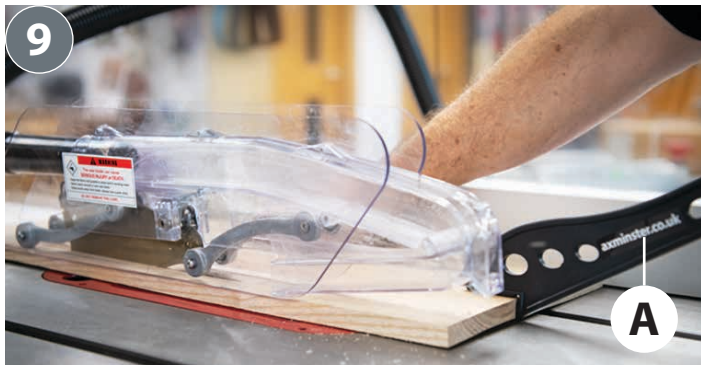


WARNING! IT IS IMPORTANT THE FRONT EDGE OF THE FENCE NEVER PASSES THE CENTRE OF THE BLADE.



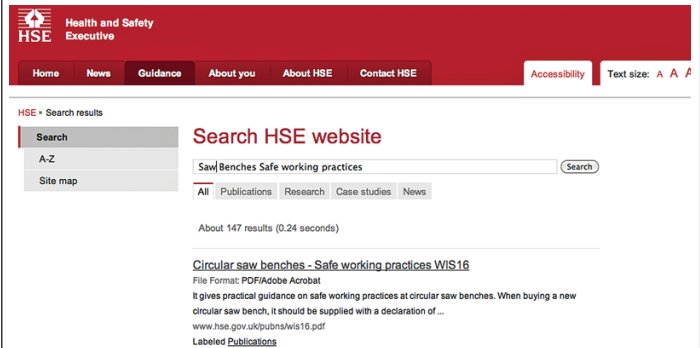
RECONNECT THE MACHINE TO THE MAINS SUPPLY!

Start the saw, wait until it's at full speed and carefully feed the workpiece through using a 'Push Stick', (A). Make sure the workpiece is clear of the blade then turn off the saw, wait until the saw comes to a complete stop before removing the workpiece. Disconnect the machine from the mains supply.



HSE Health and Safety Executive

To operate the panel saw correctly, it is recommended to visit the HSE (Health and Safety Executive) website at **hse.gov.uk** and read the information work sheet on the safe working practices, see image below.



Health and safety in the woodworking industry

14 Nov 2013 ... Image of a cross cut saw ... Semi-automatic cross-cut saw incident ... Loughborough firm prosecuted after machine crushes worker's ankle.
www.hse.gov.uk/woodworking/

Horizontal beam and vertical panel saws

File Format: PDF/Acrobat
fall cross-cut saws that operate with a table. They can be either 'stand alone' or part of a production line with other types of panel-finishing machinery. The panel ...
www.hse.gov.uk/pubns/wis3.pdf
Labeled Publications

Introduction to woodcutting machinery – Circular saw bench

15 Aug 2013 ... As with the panel saw as well as risk from contact with the blade there is also a risk of being struck by an ejected workpiece. A riving knife must ...
www.hse.gov.uk/woodworking/ripsaw.htm

Safety topics – Introduction to woodcutting machinery

7 Feb 2013 ... Circular saw bench · Dimension (panel) saw · Cross-cut saw ... for their assistance in producing Introduction to woodcutting machinery.
www.hse.gov.uk/woodworking/woodcutting.htm

CHANGING THE SAW BLADE

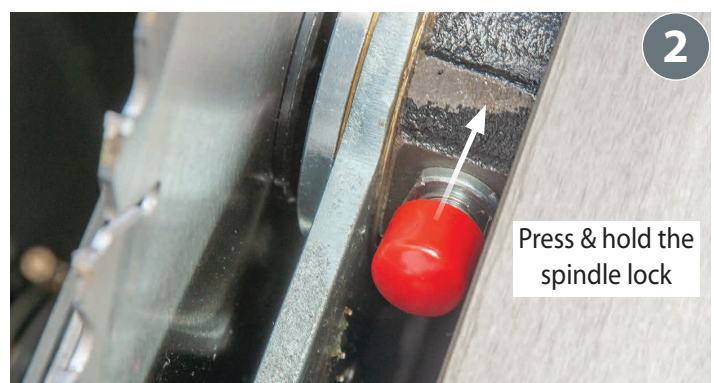


DISCONNECT THE MACHINE FROM THE MAINS SUPPLY BEFORE CONTINUING!

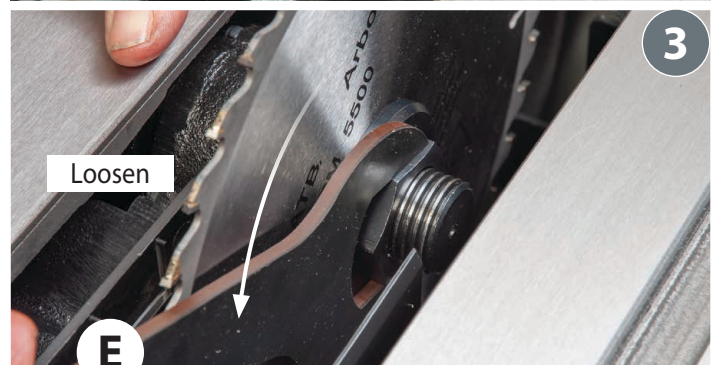


WARNING! THE BLADE IS VERY SHARP BE CAREFUL WHEN REMOVING!

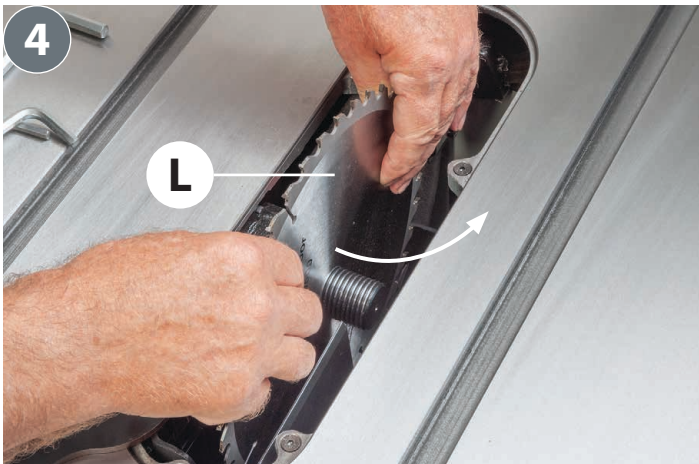
1. Raise the saw blade to its highest point and remove the table inset. Remove the crown guard and place to one side. Locate the large spanner (E), press and hold the spindle lock button and undo the large nut. **Remember left handed thread.**



Press & hold the spindle lock



Loosen



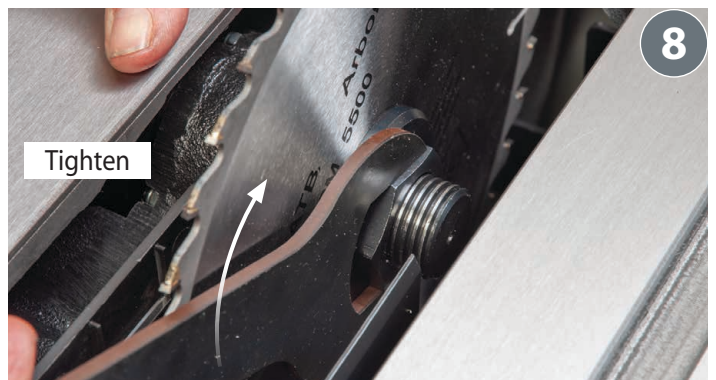
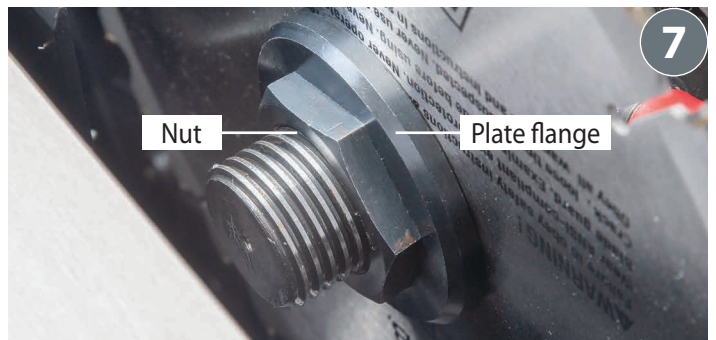
2. Remove the nut/plate flange and place safely aside. Lift out the blade (L), check for signs of damage such as missing teeth. If the blade is still usable store safely away. Now is a good time to give the interior of the machine, the dust extraction channels, etc. a thorough clean. Clean the inner/outer plate flanges and nut in readiness for reassembly.



3. Check the new blade for damage, missing teeth, sharpness etc. Fit the new blade (L), ensure that the teeth are pointing forward. Replace the plate flange and nut, making sure the flange slots over the nut's recess. Check the saw is correctly seated, press down the spindle lock button and tighten the nut with the spanner (E).



Slide on the blade (L) so it's up against the rear flange



4. Turn the saw blade once by hand to check it spins freely and replace the table insert and crown guard assembly (B). When everything is satisfactory reconnect the machine to the mains supply. Give the machine a test run (i.e. quick ON-OFF) to ensure everything is OK. If everything is satisfactory, continue to use the table saw.

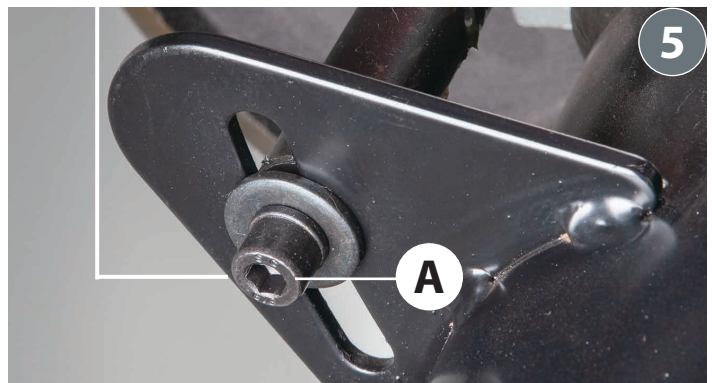
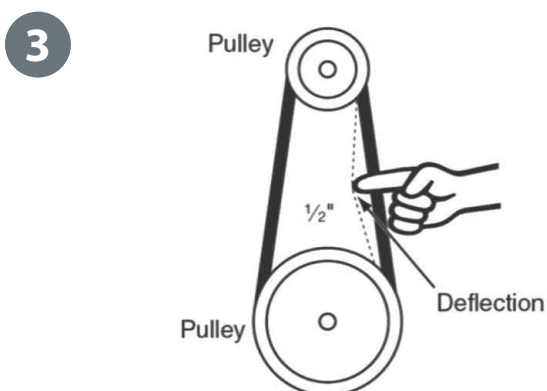


DISCONNECT THE MACHINE FROM THE MAINS SUPPLY BEFORE CONTINUING!

Tensioning the Drive Belt

1. After a period of time if you notice the blade stopping in mid cut and the motor still spinning, the V- belt will need tensioning. Lower the blade completely and tilt the assembly over to 45° degrees to get better access ,see fig 01-02. Open the motor access door and loosen the motor Hex caphead bolt (A), holding the motor in place, see fig 04-05.

2. Press down the motor assembly to increase tension on the V-belt, see fig 06. The V-belt is correctly tensioned when there is appoximately 1/2" deflection as it's pushed with moderate pressure, see, fig 03 illustration. Tighten the motor Hex caphead bolt (A) to secure the motor in place. Close the motor access door. Connect the saw to the mains, switch on and run a piece of timber through. If all OK, switch off & disconnect the machine from the mains.



Changing the V-Belt

If you notice fraying, missing teeth or damage to the V-belt, the belt will need to be replaced. Please contact our technical aftersales department for assistance.

Phone: 03332 406406

Email: technicalsupport@axminstertools.com

Lubrication

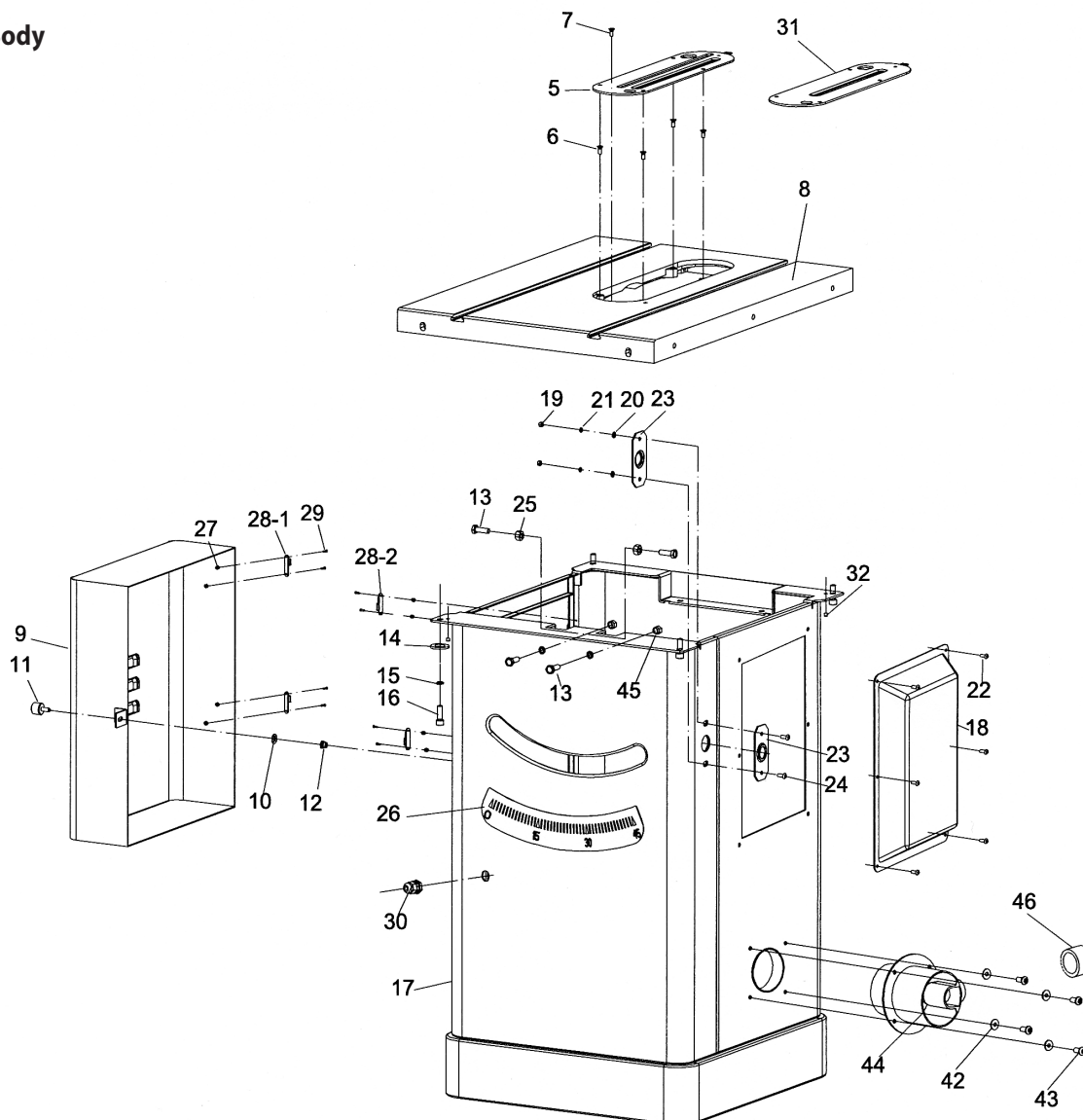
After every three or four months we recommend you lubricate the the tilt, rise and fall screw threads using 'Ambersil Dry PTFE Film Antistick' spray. Code: 952137



PROBLEM	PROBABLE CAUSE	SOLUTION
Saw will not start	Saw not plugged in.	Plug in saw.
	Fuse blown or circuit breaker tripped.	Replace fuse or reset circuit breaker.
	Cord damaged.	Have cord replaced by a certified electrician.
Overload kicks out frequently	Extension cord too light or too long.	Replace with adequate size cord
	Feeding timber too fast.	Feed timber more slowly.
	Blade in poor condition (dull, warped, gummed).	Clean or replace blade.
	Blade binding due to misaligned rip fence.	Check and adjust the rip fence. See rip fence instructions.
	Blade binding due to warped wood.	Select another piece of wood.
	Low house current.	Contact your electrical company.
Does not make accurate 45° & 90° Rip Cuts	Positive stop(s) not adjusted properly.	Check blade with square and adjust positive stop.
	Tilt angle pointer not set properly.	Check blade with square and adjust pointer to zero.
Material Pinches Blade When Ripping	Rip fence not aligned with blade.	Check and adjust rip fence.
	Warped wood.	Select another piece of wood.
Material binds on splitter	Splitter not aligned correctly with blade kerf.	Check and align splitter with blade kerf.
Saw makes unsatisfactory cuts	Dull blade.	Replace blade.
	Blade mounted backwards.	Turn blade around.
	Gum or pitch on blade.	Remove blade and clean with serpentine and steel wool.
	Incorrect blade for work being done.	Change the blade.
	Gum or pitch on table causing erratic feed.	Clean the table with turpentine and steel wool.
Blade does not come up to speed	Extension cord too light or too long.	Replace with adequate size extension cord.
	Low house current.	Contact your electric company.
	Motor not wired for correct voltage.	Refer to motor and /or nameplate.
Machine vibrates excessively	Table not mounted securely to cabinet stand.	Tighten all mounting hardware.
	Stand is on uneven floor.	Reposition on flat level surface.
	Damaged saw blade.	Replace blade.
	Bad V-belt.	Replace V-belt.
	V-belts not tensioned properly.	Adjust V-belt tension.
	Bent pulley.	Replace pulley.
	Improper motor mounting.	Check and adjust motor mounting.
	Loose hardware.	Tighten all nuts, bolts and set screws.
Blade does not raise or tilt freely	Sawdust or dirt in raising or tilting mechanisms.	Vacuum out loose dust or dirt.

EXPLODED DIAGRAMS/LISTS

Table Saw Body



PART	DESCRIPTION
5	STD Table Insert
6	Flat Head Screw M5 x 10
7	Flat Head Screw M5 x 20
8	Main Table
9	Motor Cover
10	Tooth Washer 6mm
11	Knob M6-1
12	Riveted Nut 6 x 15mm
13	Hex Bolt M8 x 25
14	Flat Washer(W) 8mm
15	Lock Washer 8mm
16	Cap Screw M8 x 25
17	Cabinet
18	Cover Plate
19	Hex Nut 5mm
20	Flat Washer 5mm
21	Lock Washer 5mm

22	Button Head Screw M5 x 12
23	Plate
24	Button Head Screw M5 x 16
25	Hex Nut 8mm
26	Angle Scale
27	Lock Nut 3mm
28-1	Upper Hinge
28-2	Lower Hinge
29	Flat Head Screw M3 x 12
30	Strain Relief
31	DADO Insert
41	Set Screw M5 x 8
42	Flat Washer 6mm
43	Button Head Screw M6 x 12
44	Dust Hood
45	Lock Nut 8mm
46	Plug



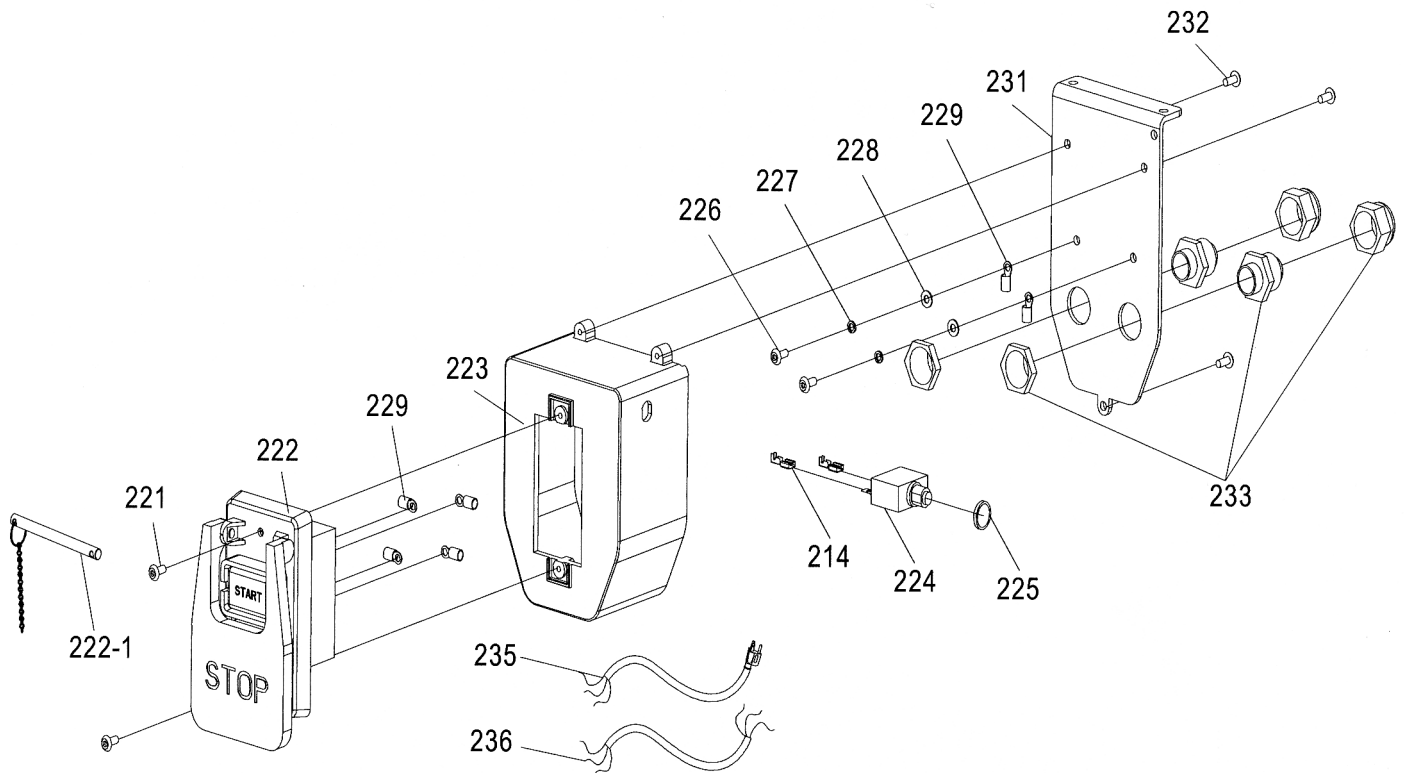
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EXPLODED DIAGRAMS/LISTS

PART	DESCRIPTION
101	Lock Nut M16
102	Flat Washer 16mm
103	Cap Screw M8x 20
104	Lock Washer 8mm
105	Flat Washer(W) 8mm
106	Motor
107	Cap Screw M6 x 16
108	Lock Washer 6mm
109	Flat Washer 6mm
110	Arbor Pulley
111	V-Belt 6-PJ-150
112	Bushing
113	Bearing 62021s
114	Key 6 x 6 x20
115	Set Screw M6 x 8
116	Motor Pulley
117	Hex Bolt M6 x 16
118	Lock Nut M5
119	Lock Washer 5mm
120	Flat Washer 5mm
121	Blade Brake Device
122	Hex Bolt M8 x 40
123	Hex Nut M8
124	Height Limit Block
125	Lock Nut M8
126	Motor Mount
127	Arbor Bushing
128	Bearing 6203-2rs
129	Key 5 x 5 x 15
130	Arbor
131	Flat Washer 8mm
132	Front Trunnion
133	Hex Bolt M8 x 45
134	Limit Block
135	Flat Washer 6mm
136	Flat Head Screw M10 x 40
137	Spacer
138	Nylon Spacer
139	Cap Screw M6 x 35
140	High Shaft Bracket
141	Main Trunnion
142	Motor Shaft
143	Flat Washer(W) 8mm
144	RearTrunnion
145	Adjustment Screw
146	Nylon Gasket
147	Splitter Bracket
148	Spring Bracket
149	Flange Ring
150	Flat Head Screw M5 x 50
151	Blade

152	Arbor Flange
153	Arbor Nut
154	Knurled Knob
155	Splitter Adjust Block
156	Spring
157	Spacer
158	Locking Pin
159	Splitter Tighten Clip
160	Cap Screw M6 x 25
161	Button Head Screw M6 x 20
162	Connected Plate
163	Lock Nut 6mm
164	Button Head Screw M5 x 16
165	Hex Nut 5mm
166	Spring
167	Shoulder Screw M6
168	Dust Collector Case
169	Cap Screw M5 x 12
170	Pointer
171	Button Head Screw M5 x 12
172	Button Head Screw M4 x 8
173	Motor Fixed Shaft
174	Tilt Limit Block
175	Internal Retaining Ring 24
176	Tilt Leadscrew Nut
177	Tilt Leadscrew Base
178	Roll Pin 4 x 16
179	Tilt Leadscrew
180	Roll Pin 4 x 20
181	Flat Washer 12mm
182	Bearing Washer
183	External Retaining Ring 12
184	Beveled Bushing
185	Washer 12mm
186	Handwheel
187	Locking Handle
188	Handwheel Handle
189	Lock Nut 12mm
190	Flat Washer 12mm
191	Collar
192	Elevation Shaft
193	Pointer Base
194	Handwheel Bushing
195	Compression Spring
196	Elevation Shaft Spacer
197	Cap Screw M6 x 20
198	Strain Relief
199	Cap Screw M5 x 30
200	Cap Screw M5 x 20
201	Set Screw M6 x 20
202	Wire Hose Clamp
203	Clear Flexible Hose
204	Hex Nut M10

Control Box

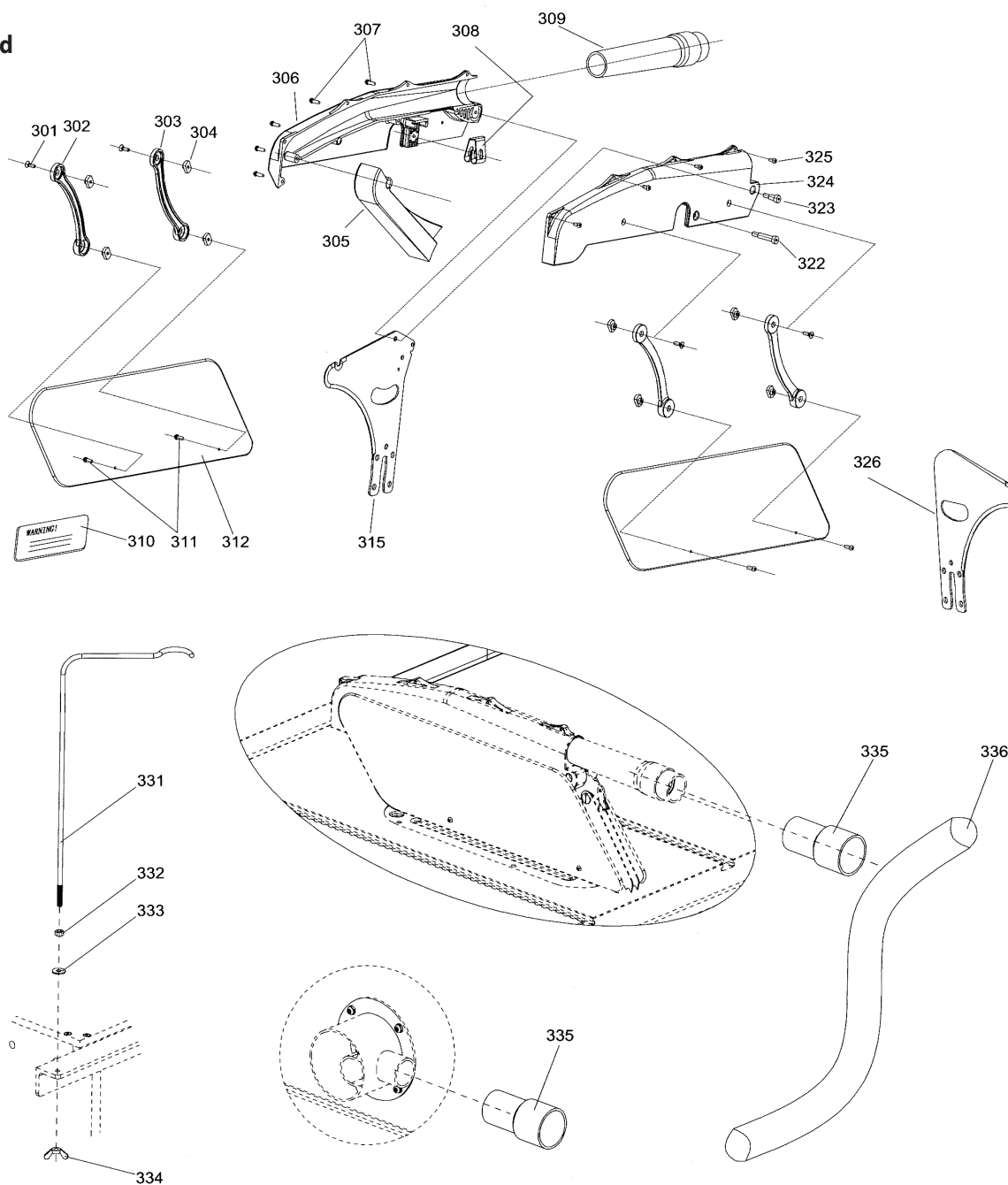


PART	DESCRIPTION
221	Tap Screw M3.5 x 19
222	Power Switch KEDU KJD17B 230V
222-1	Paddle Switch Lockout Pin
223	Switch Box
224	Circuit Breaker 16A 220V
225	Circuit Breaker Nut M10-1.5
226	Philips HD Screw M4-.8 x 8

227	Lock Washer 4mm
228	Flat Washer 4m
229	Clamp-On Terminal Ring
231	Switch Bracket
232	Tap Screw M3.5 x 10
233	Strain Relief TYPE-3 M18-1.5
235	Power Cord 14G 3W 72" 6-20P
236	Motor Cord 14G 3W 32"

EXPLODED DIAGRAMS/LISTS

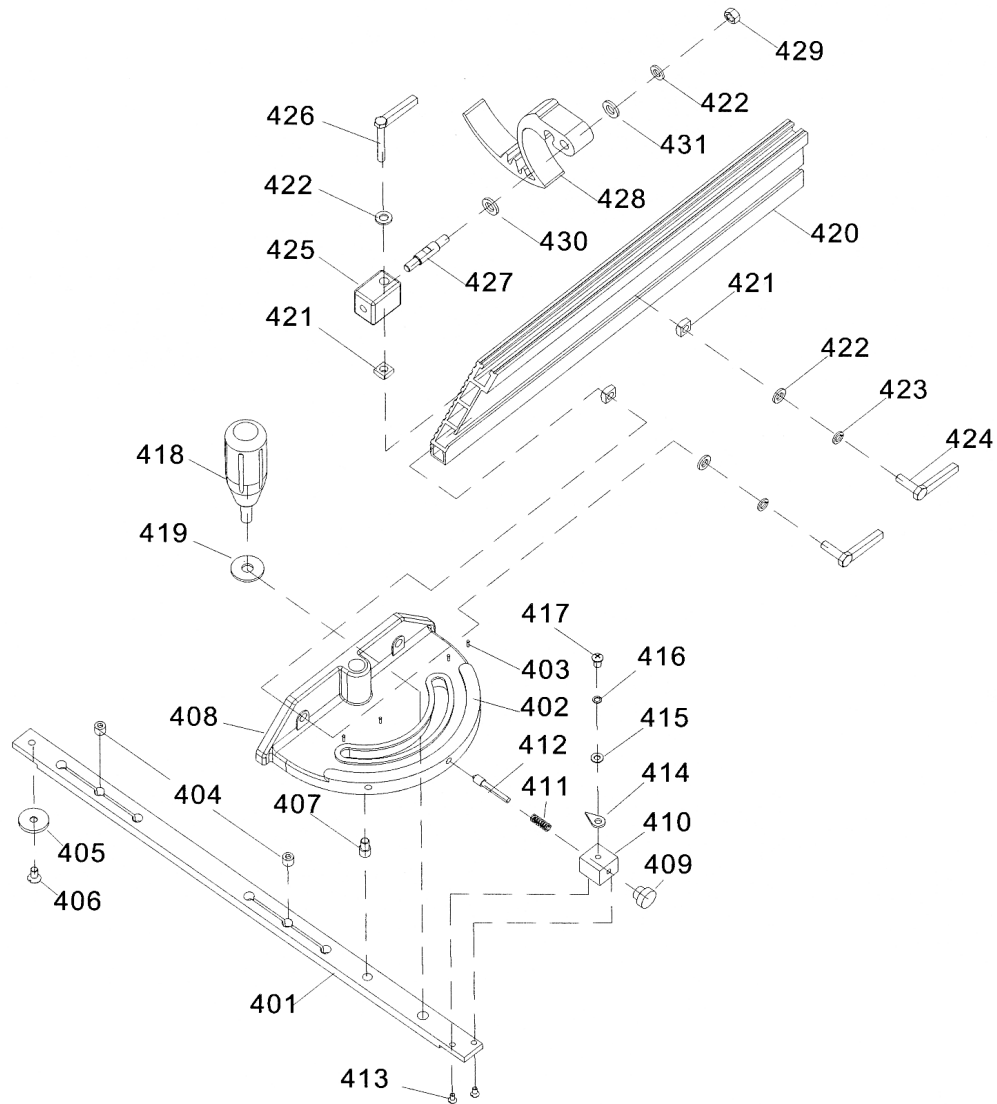
Crown Guard



PART	DESCRIPTION
301	Flat Head Screw M4 x 10
302	Guard Support 1
303	Guard Support 2
304	Stepped Nut M4
305	Vacuum Cleaner
306	Left Guard
307	Tap Screw M3.5 x 16
308	Spring Clamp
309	Dust Outlet Port
310	Warning Label
311	Button Head Screw M4 x 10
312	Side Guard

315	Splitter
322	Shoulder Screw M6.5 x 25
323	Shoulder Screw M6.5 x 10
324	Right Guard
325	Tap Screw M2.9 x9.5
326	Riving Knife
331	Hose Support Arm
332	Hex Nut M6-1
333	Flat Washer 6mm
334	Wing Nut M6-1
335	Hose Connector 1-1/2"
336	Dust Hose 94" x 1-1/2"

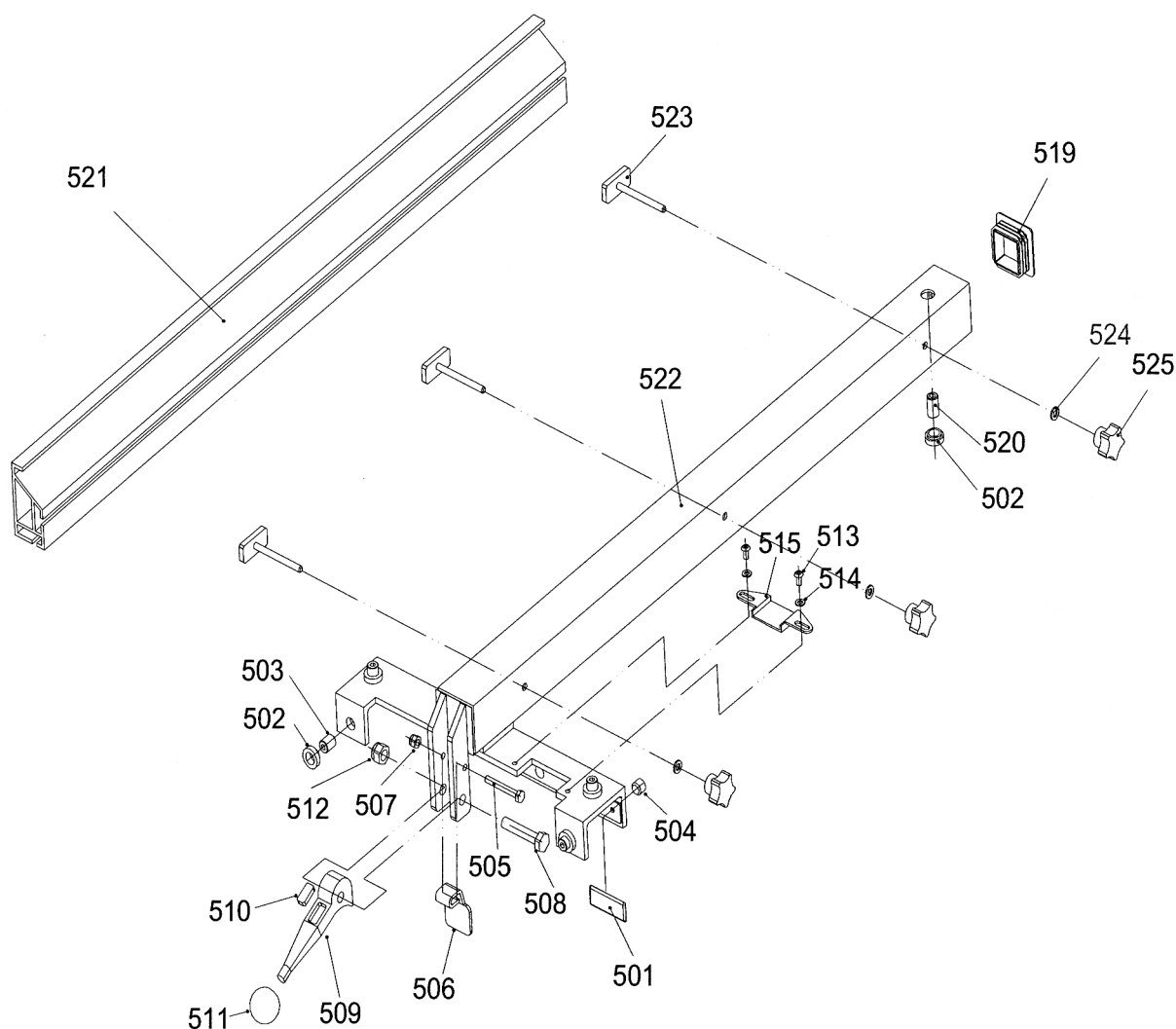
Mitre Gauge



PART	DESCRIPTION
401A	Miter Gauge Assembly
401	Guide Bar
402	Angle Scale
403	Rivet
404	Set Screw M8 x 6
405	Miter Ring
406	Flat Head Screw M5 x 8
407	Miter Body Pivot Pin
408	Miter Gauge Body
409	Miter Stop Pin Knob
410	Miter Stop Pin Block
411	Compression Spring
412	Miter Stop Pin
413	Button Head Screw M4 x 10
414	Pointer miter Gauge
415	Flat Washer 4mm

416	Lock Washer 4mm
417	Button Head Screw M4 x 6
418	Miter Knob
419	Flat Washer 4mm
420	Crosscut Fence
421	Square Nut M6
422	Flat Washer 6mm
423	Lock Washer 6mm
424	Lock Lever M6
425	Flip Stop Bracket
426	Lock Lever M6
427	Flip Stop Pivot Pin
428	Flip Stop
429	Lock Nut 6mm
430	Teflon Flat Washer 8mm
431	Teflon Flat Washer 6mm

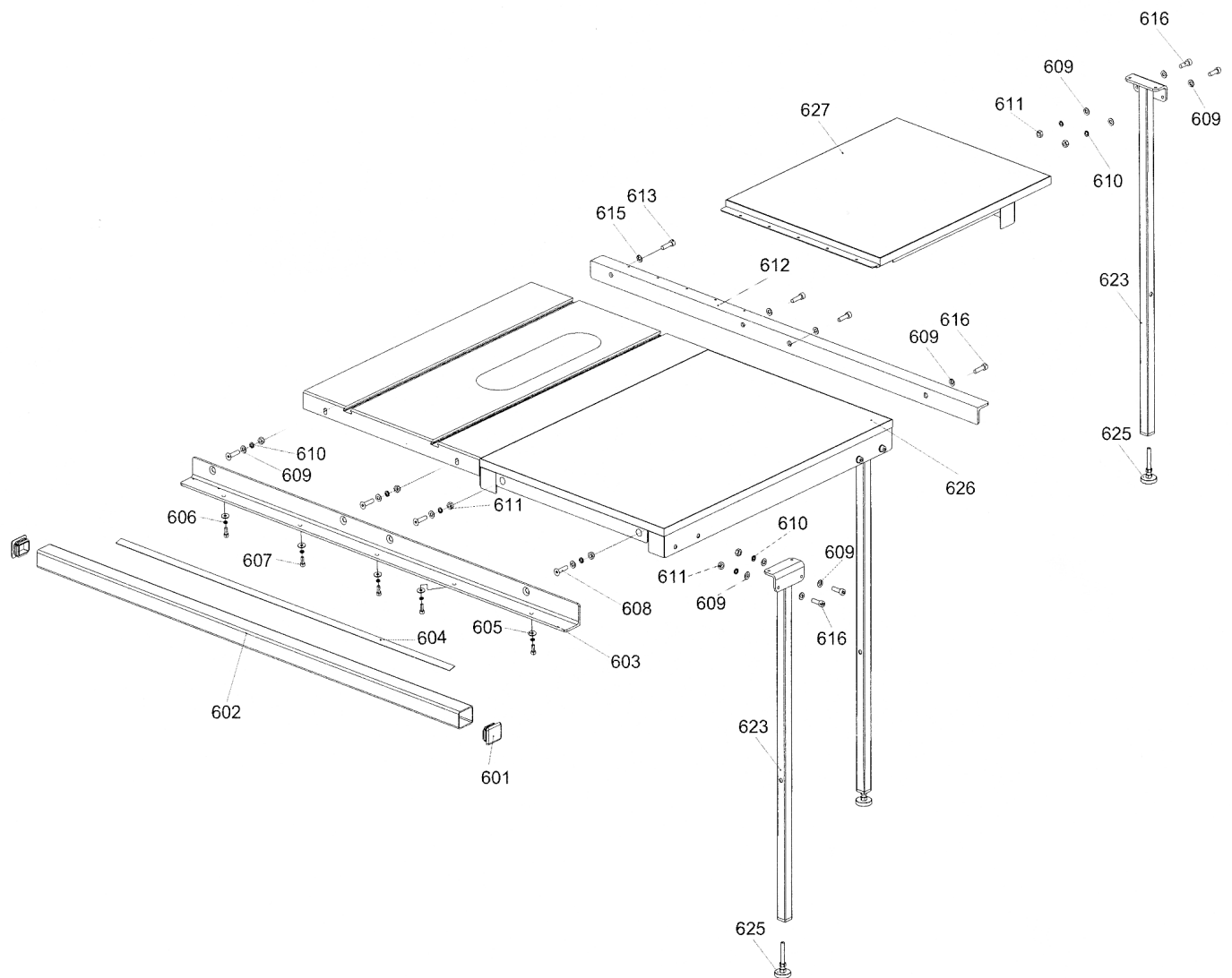
Rip-Fence



PART	DESCRIPTION
501	Glide Pad
502	Hex Nut 12mm
503	Set Screw M12 x 15
504	Set Screw M12 x 10
505	Hex Bolt M6 x 40
506	Cam Plate
507	Lock Nut 6mm
508	Hex Bolt M 10 x 45
509	Cam
510	Magnet

511	Fence Lock Knob
512	Lock Nut 10mm
513	Button Head Screw M5 x 8
514	Flat Washer 5mm
515	Ruler X-Ray Film
519	Fence Insert
520	Set Screw M 12 x 30
521	Aluminum Guide Plate
522	Fence Body
523	Guide Bolt
524	Flat Washer 6mm
525	Star Knob Bolt M6 x 32

Side/Rear Extension Table

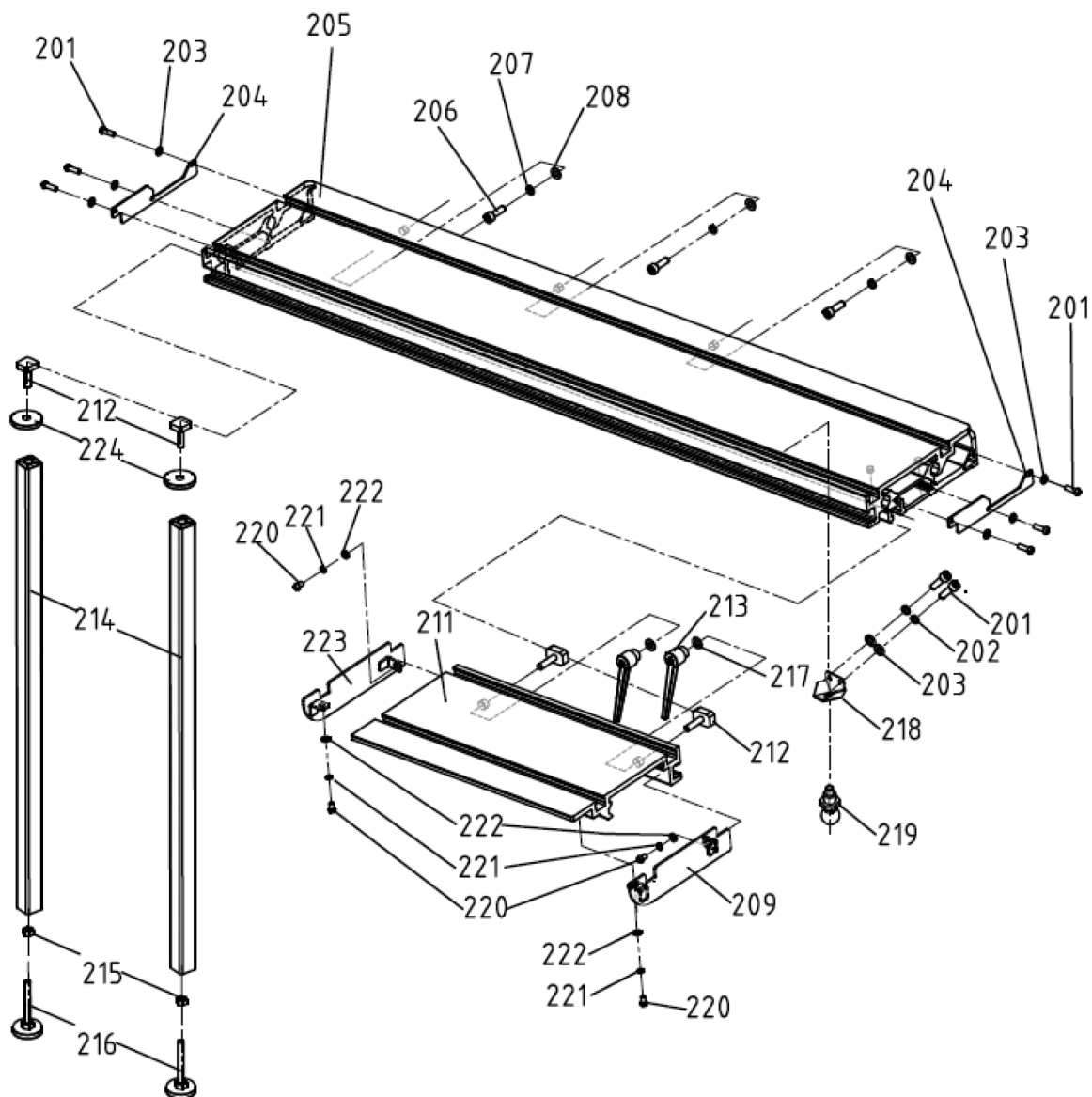


PART	DESCRIPTION
601	End Cap
602	Guide Tube
603	Front Rail
604	Scale
605	Flat Washer 6mm
606	Lock Washer 6mm
607	Cap Screw M6 x 16
608	Flat Head Screw M8 x 35
609	Flat Washer 8mm

610	Lock Washer 8mm
611	Hex Nut 8mm
612	Rear Rail
613	Cap Screw M10 x 25
615	Flat Washer 10mm
616	Cap Screw M8 x 35
623	Leg
626	Extension Board
627	Rear Extension Board

EXPLODED DIAGRAMS/LISTS

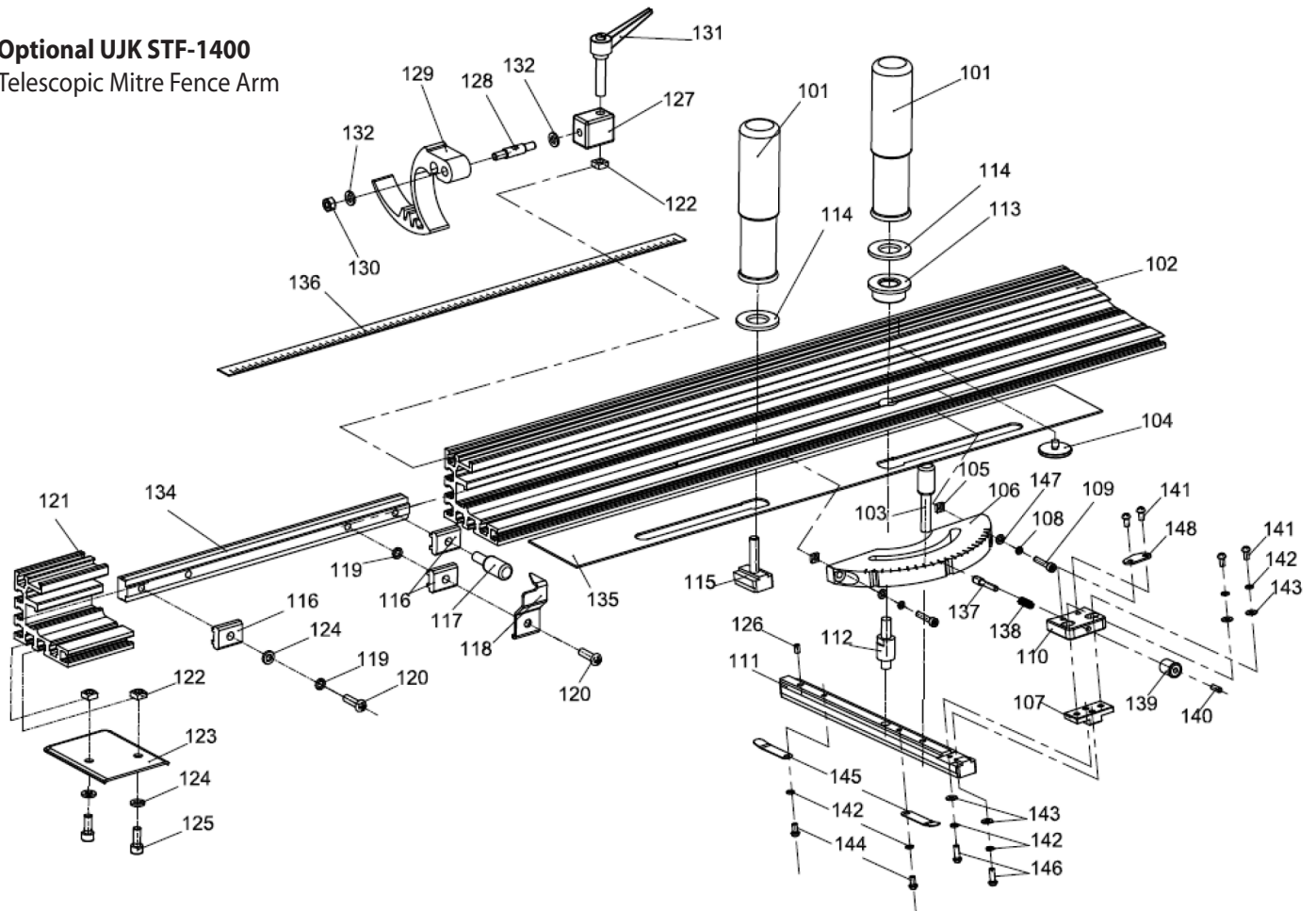
Optional ST-1400 Sliding Table Code 104505



PART	DESCRIPTION	QTY
201	Button HD Screw M6-1 x 12	8
202	Lock Washer 6MM	2
203	Flat Washer 6MM	8
204	Sliding Table Side Cover	2
205	Sliding Table Assembly	1
206	Cap Screw M8-1.25 x 25	3
207	Lock Washer 8MM	3
208	Flat Washer 8MM	3
209	Front Table Side Cover	1
211	Extension Table	1
212	T-NUTM8-1.25	4

213	Lock Lever M8-1.25	2
214	Support Leg	2
215	Hex Nut M8-1.25	2
216	Foot Pad	2
217	Lock Lever Flat Washer 8MM	2
218	Stop Plate	1
219	Stop Pin Assembly	1
220	Button HD Cap Screw M5-.8 x 12	4
221	Lock Washer 5MM	4
222	Flat Washer 5MM	4
223	Rear Table Side Cover	1
224	Support Leg Washer	1

Optional UJK STF-1400 Telescopic Mitre Fence Arm

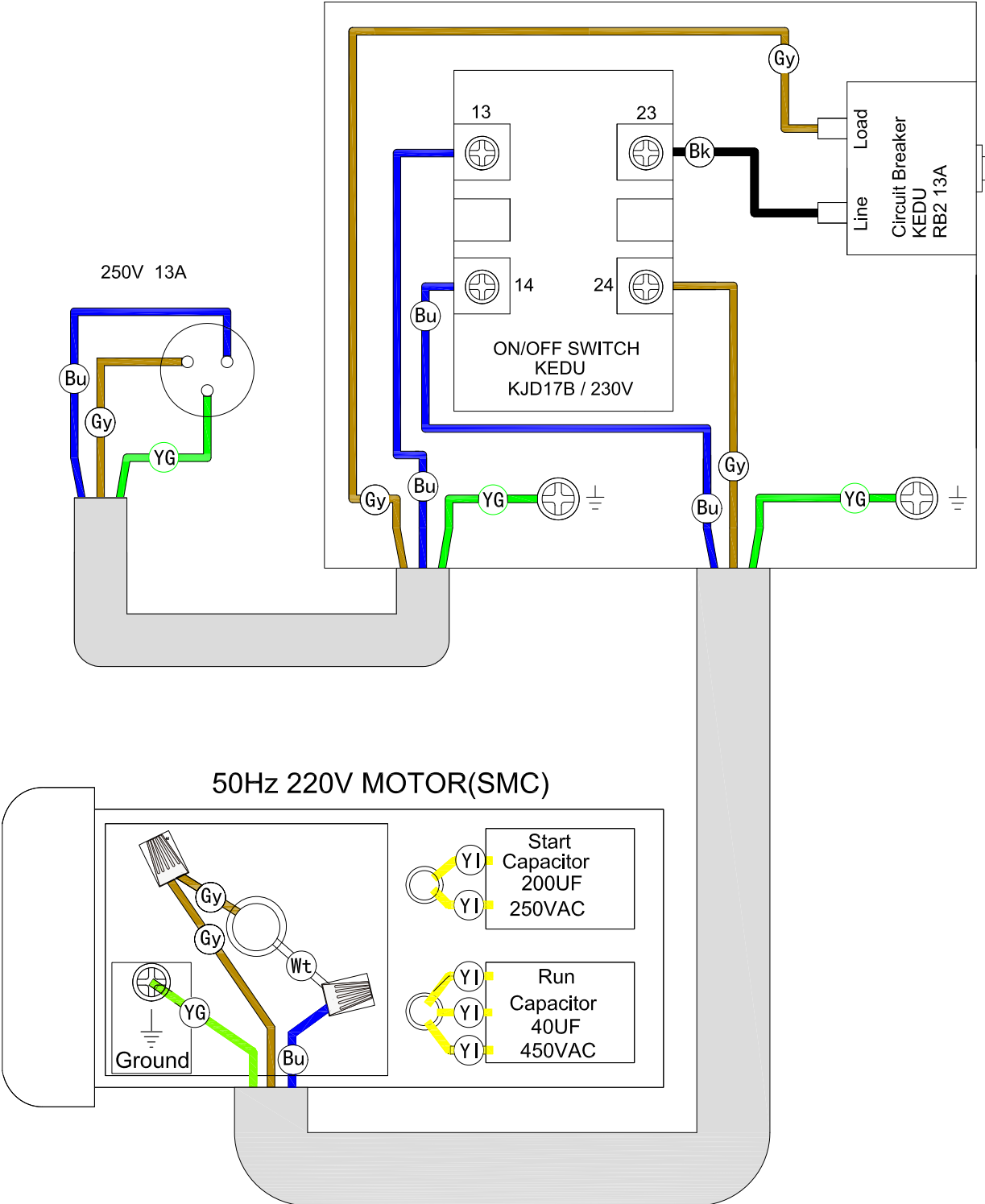


PART	DESCRIPTION	QTY
101	Knurled Handle M8-1.25	2
102	Long Crosscut Fence	1
103	Knob Bolt M6-1 x 35	1
104	Handle Screw M6-1 x 8	1
105	Square Nut M5-.8	2
106	Mitre Gauge Body	1
107	T-Slot Block	1
108	Lock Washer 5MM	2
109	Cap Screw M5-.8 x 20	2
110	Stop Pin Bracket	1
111	Mitre Gauge T-Slot Bar	1
112	Mitre Gauge Pivot Pin	1
113	Threaded Handle Bushing	1
114	Teflon Flat Washer 8MM	2
115	T-Bolt M8-1.25 x 40	1
116	T-Slot Nut M6-1	3
117	Pointer Bracket Knob Bolt	1
118	Pointer	1
119	Lock Washer 6MM	2
120	Button Head Cap Screw M6-1 x 20	2
121	Short Crosscut Fence	1
122	Square Nut M6-1	3
123	Crosscut Support Plate	1
124	Flat Washer 6MM	3
125	Cap Screw M6-1 x 16	2
126	Set Screw M6-1 x 8	1
127	Flip Stop Bracket	1
128	Flip Stop Pivot Pin	1
129	Flip Stop	1
130	Lock Nut M6-1	1
131	Lock Lever M6-1 x 32	1
132	Teflon Flat Washer 6MM	2
134	Crosscut Fence Extension Bar	1
135	Pvc Pad	1
136	Scale Strip	1
137	Mitre Gauge Stop Pin	1
138	Compression Spring	1
139	Stop Pin Knob	1
140	Set Screw M4-.7 x 8	1
141	Button Head Cap Screw M4-.7 x 10	4
142	Lock Washer 4MM	6
143	Flat Washer 4MM	4
144	Button Head Cap Screw M4-.7 x 8	2
145	Spring Strip	2
146	Button Head Cap Screw M4-.7 x 16	2
147	Flat Washer 5MM	2
148	Pointer	1



PART	DESCRIPTION
4	Support Arm
5	Foot
8	Leg
9	Bottom Plate
10	Plastic Bushing
11	Supporting Seat
12	Cap Screw M6-1x12
13	Spring Washer 6
14	Flat Washer 6
15	Clamp Handle
16	Spring Washer 12
17	Flat Washer 12
19	Hex Bolt M12-1.75x100
20	Hex Bolt M10-1.5x40
21	Spring Washer 10
22	Flat Washer 10
36	Column
37	Dust Port
38	Gasket
39	Hex Bolt M12-1.75x70
40	Spring washer 10
41	Flat washer 10
42	Set screw M12-1.75x16
43	Bracket
44	Bolt
45	Nut 12-1.75
46	Hex Bolt M6-1x20
47	Spring Washer 6
48	Flat Washer 6
49	Cover
50	Screw Cap
51	Spring Pin 5x18
52	Arm
53	Dust Port
54	Cap Screw M5-0.8x12
55	Connection Block C
56	Hex Bolt M8-1.25x25
57	Spring Washer 8
58	Flat Washer 8
59	Lock Bolt
60	Connection Block B

61	Connection Block A
62	Cap Screw M8-1.25x25
65	Cap Screw M5-0.8x16
66	Spring Washer 5
67	Fixed Plate
68	Linear Guide Rail
69	Air Spring
70	Thin Nut M8-1.25
71	Handle
72	Cap Screw M5-0.8x12
73	Spring Washer 5
74	Flat Washer 5
75	Dust Port
76	Tube Clasp
77	Tube
78	Dust Guide Tube
79	Seal
80	Top Cover
81	Flat Washer 5
82	Spring Washer 5
83	Cap Screw M5-0.8x30
84	Spherical Cover
85	Flat Cover
86	Cover Holder
87	Shaft Circlip
88	Bearing
89	Axle Pin
90	Roller
91	Cap Screw M8-1.25x16
92	Flat HD Screw M4-0.7x16
93	Cover Body
94	Cap Screw M5-0.8x35
95	Pan HD Screw M8-1.25x20
96	Cap Screw M5-0.8x25
97	Support Plate
98	Spring Washer 8
101	Cap Screw M8-1.25x20
102	Limit Stop
103	Flat Washer 12
104	Nut M12-1.75
105	Spring Washer 12
106	Hex Bolt M12-1.75x110



WIRING DIAGRAM COLOR KEY:

Bk:Black Wt:White YG:Yellow Green Bu:Blue YI:Yellow

This image shows a single sheet of white paper with horizontal blue or grey ruling lines. The lines are evenly spaced and run across the width of the page. There is no text or other markings on the paper.

NOTES

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