

KING
INDUSTRIAL 

6" X 48" BELT & 9" DISC SANDER



MODEL: KC-760L

INSTRUCTION MANUAL

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WARRANTY INFORMATION

**2-YEAR
LIMITED WARRANTY
FOR THIS BELT AND DISC SANDER**

**KING CANADA TOOLS
OFFERS A 2-YEAR LIMITED WARRANTY
FOR NON-COMMERCIAL USE.**

PROOF OF PURCHASE

Please keep your dated proof of purchase for warranty and servicing purposes.

REPLACEMENT PARTS

Replacement parts for this product are available at our authorized King Canada service centers across Canada. Please use the 10 digit part numbers listed in this manual for all part orders where applicable.

LIMITED TOOL WARRANTY

King Canada makes every effort to ensure that this product meets high quality and durability standards. King Canada warrants to the original retail consumer a 2-year limited warranty as of the date the product was purchased at retail and that each product is free from defects in materials. Warranty does not apply to defects due directly or indirectly to misuse, abuse, normal wear and tear, negligence or accidents, repairs done by an unauthorized service center, alterations and lack of maintenance. King Canada shall in no event be liable for death, injuries to persons or property or for incidental, special or consequential damages arising from the use of our products.

To take advantage of this limited warranty, return the product at your expense together with your dated proof of purchase to an authorized King Canada service center. Contact your retailer or visit our web site at www.kingcanada.com for an updated listing of our authorized service centers. In cooperation with our authorized service center, King Canada will either repair or replace the product if any part or parts covered under this warranty which examination proves to be defective in workmanship or material during the warranty period.

NOTE TO USER

This instruction manual is meant to serve as a guide only. Specifications and references are subject to change without prior notice.

KING CANADA INC. DORVAL, QUÉBEC, CANADA H9P 2Y4

www.kingcanada.com

GENERAL & SPECIFIC SAFETY INSTRUCTIONS



VOLTAGE WARNING: Before connecting the tool to a power source (receptacle, outlet, etc.) be sure the voltage supplied is the same as that specified on the nameplate of the tool. A power source with voltage greater than that for the specified tool can result in **SERIOUS INJURY** to the user - as well as damage to the tool. If in doubt **DO NOT PLUG IN THE TOOL**. Using a power source with voltage less is harmful to the motor.

1. KNOW YOUR TOOL

Read and understand the owners manual and labels affixed to the tool. Learn its application and limitations as well as its specific potential hazards.

2. GROUND THE TOOL.

This tool is equipped with an approved 3-conductor cord and a 3-prong grounding type plug to fit the proper grounding type receptacle. The green conductor in the cord is the grounding wire. **NEVER** connect the green wire to a live terminal.

3. KEEP GUARDS IN PLACE.

Keep in good working order, properly adjusted and aligned.

4. REMOVE ADJUSTING KEYS AND WRENCHES.

Form habit of checking to see that keys and adjusting wrenches are removed from tool before turning it on.

5. KEEP WORK AREA CLEAN.

Cluttered areas and benches invite accidents. Make sure the floor is clean and not slippery due dust build-up.

6. AVOID DANGEROUS ENVIRONMENT.

Don't use power tools in damp or wet locations or expose them to rain. Keep work area well lit and provide adequate surrounding work space.

7. KEEP CHILDREN AWAY.

All visitors should be kept a safe distance from work area.

8. MAKE WORKSHOP CHILD-PROOF.

Use padlocks, master switches or remove starter keys.

9. USE PROPER SPEED.

A tool will do a better and safer job when operated at the proper speed.

10. USE RIGHT TOOL.

Don't force the tool or the attachment to do a job for which it was not designed.

11. WEAR PROPER APPAREL.

Do not wear loose clothing, gloves, neckties or jewelry (rings, watch) because they could get caught in moving parts. Non-slip footwear is recommended. Wear protective hair covering to contain long hair. Roll up long sleeves above the elbows.

12. ALWAYS WEAR SAFETY GLASSES.

Always wear safety glasses (ANSI Z87.1). Everyday glasses only have impact resistant lenses, they are **NOT** safety glasses. Also use a face or dust mask if cutting operation is dusty.

13. DON'T OVERREACH.

Keep proper footing and balance at all times.

14. MAINTAIN TOOL WITH CARE.

Keep tools sharp and clean for best and safest performance. Follow instructions for lubricating and changing accessories.

15. DISCONNECT TOOLS.

Before servicing, when changing accessories or attachments.

16. AVOID ACCIDENTAL STARTING.

Make sure the switch is in the "OFF" position before plugging in.

17. USE RECOMMENDED ACCESSORIES.

Consult the manual for recommended accessories. Follow the instructions that accompany the accessories. The use of improper accessories may cause hazards.

18. NEVER STAND ON TOOL.

Serious injury could occur if the tool tips over. Do not store materials such that it is necessary to stand on the tool to reach them.

19. CHECK DAMAGED PARTS.

Before further use of the tool, a guard or other parts that are damaged should be carefully checked to ensure that they will operate properly and perform their intended function. Check for alignment of moving parts, breakage of parts, mounting, and any other conditions that may affect its operation. A guard or other parts that are damaged should be properly repaired or replaced.

20. NEVER LEAVE MACHINE RUNNING UNATTENDED.

Turn power "OFF". Don't leave any tool running until it comes to a complete stop.

SPECIFIC SAFETY INSTRUCTIONS

1. Wear eye protection.

2. **Support workpiece** with backstop or work table.

3. **Maintain 1/16" maximum clearance** between table and sanding belt or disc.

4. **Hold the workpiece firmly**, so that it may not be driven from your hands.

5. **In operation, do not press on the belt.** Excessive pressure against the belt is never necessary. It will only result in damage to the belt or workpiece.

6. At home, where there are young children, a good practice is to **unplug the motor and remove the switch key** when the sander is not in operation.

7. **Feed workpiece against rotation** of sander.



ELECTRICAL INFORMATION & TURNING ON YOUR SANDER

WARNING!

ALL ELECTRICAL CONNECTIONS MUST BE DONE BY A QUALIFIED ELECTRICIAN. FAILURE TO COMPLY MAY RESULT IN SERIOUS INJURY! ALL ADJUSTMENTS OR REPAIRS MUST BE DONE WITH THE MACHINE DISCONNECTED FROM THE POWER SOURCE. FAILURE TO COMPLY MAY RESULT IN SERIOUS INJURY!

POWER SOURCE (120/240V)

Your sander's motor was designed for a specific frequency and voltage. Make sure the voltage indicated on the machine nameplate corresponds to the electrical outlet voltage output.

GROUNDING

Your sander must be properly grounded. Not all outlets are properly grounded. If you are not sure if your outlet is properly grounded, have it checked by a qualified electrician. If it should malfunction or breakdown, grounding provides a path of least resistance for electric current, to reduce the risk of electric shock.

WARNING: IF NOT PROPERLY GROUNDED, THIS SANDER CAN CAUSE ELECTRICAL SHOCK, PARTICULARLY WHEN USED IN DAMP LOCATIONS. TO AVOID SHOCK OR FIRE, IF THE POWER CORD IS WORN OR DAMAGED IN ANY WAY, HAVE IT REPLACED IMMEDIATELY.

120V OPERATION

As received from the factory, your sander is ready to run for 120V operation. This sander is intended for use on a circuit that has an outlet and a plug which looks like the one illustrated in Fig.1.

WARNING: DO NOT USE A TWO-PRONG ADAPTORS FOR THEY ARE NOT IN ACCORDANCE WITH LOCAL CODES AND ORDINANCES. NEVER USE IN CANADA.

240V OPERATION

If 240V, single phase operation is desired, the following instructions must be followed:

1. Disconnect the machine from its power source.
2. The sander comes with four motor leads that are connected for 120V operation. Reconnect these four motor leads for 240V operation, as indicated on the inside of the connections cover.
3. The 120V plug supplied with the sander must be replaced with a CSA listed plug suitable for 240V operation. This plug is illustrated in Fig.2. Contact your authorized service center or qualified electrician to install the plug and to change the connections from 120V to 240V. The sander must comply with all local and national codes after the 240V plug is installed.
4. A sander with a 240V plug should only be connected to an outlet having the same configuration as illustrated by the grounded outlet box in Fig.2. No adaptor is available or should be used for 240V operation.

EXTENSION CORDS

The use of any extension cord will cause some loss of power. Use the following table Fig.3 to determine the minimum wire size (A.W.G.-American Wire Gauge) extension cord. Use only extension cords which accept the tool's plug.

For circuits that are further away from the electrical circuit box, the wire size must be increased proportionately in order to deliver ample voltage to the motor. Refer to Fig.3 for wire length and size. Use only 3-wire extension cords which have 3-prong grounding type plugs and 3-hole receptacles which accept the tool's plug. If the extension cord is cut or damaged, do not use it.

TURNING ON YOUR SANDER

The sander motor is controlled by a toggle switch (A) Fig.4, this toggle switch comes with a removable safety key (B) which limits the usage of

your sander to authorized users. To turn sander on, move the switch to the "ON" position, to turn sander off, move the switch to the "OFF" position. To lock the switch once the sander is off, pull the safety key (B) out. The sander can not be turned on until the safety key is repositioned in the switch.

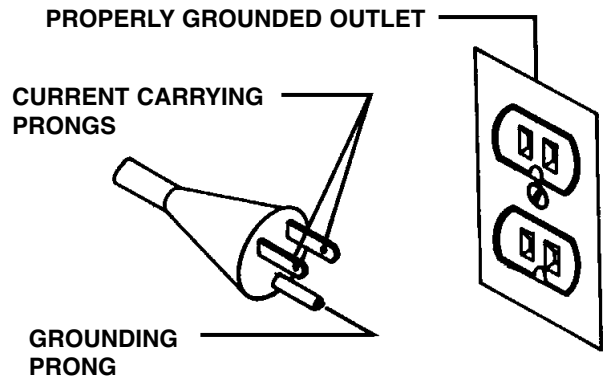


FIGURE 1

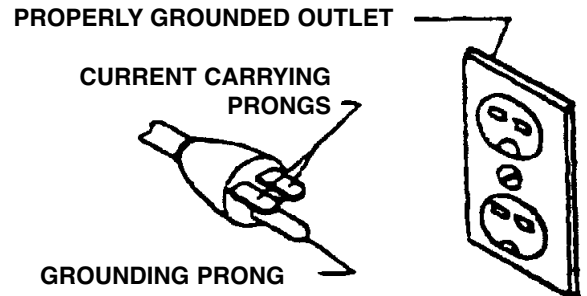


FIGURE 2

<u>LENGTH OF CONDUCTOR</u>	<u>WIRE SIZES REQUIRED (AMERICAN WIRE GAUGE)</u>
	<u>120V LINES</u>
0-25 FEET	NO.14
26-50 FEET	NO.14
51-100 FEET	NO.12

FIGURE 3

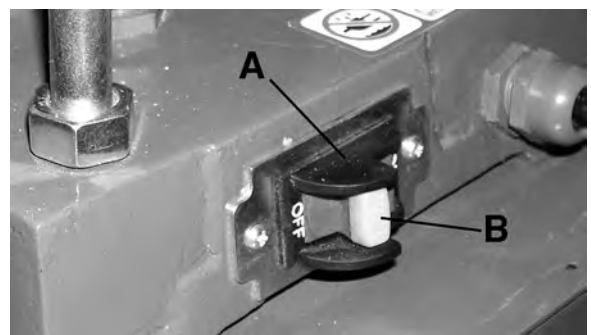
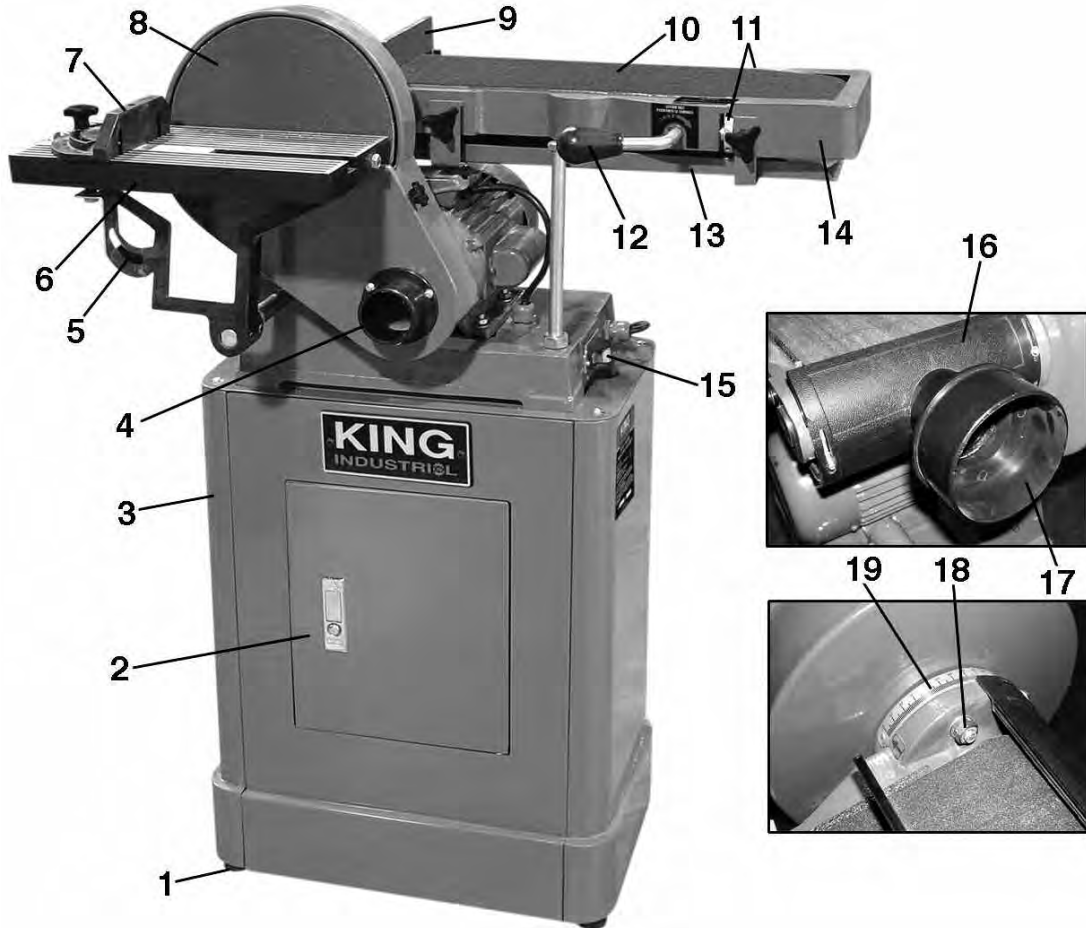


FIGURE 4

GETTING TO KNOW YOUR SANDER



- 1. Adjustable rubber feet (4)
- 2. Cabinet stand door
- 3. Cabinet stand
- 4. 2-1/2" Disc dust chute
- 5. Table angle lock knob
- 6. Disc or belt tilting table
- 7. Miter gauge

- 8. 9" Sanding disc
- 9. Backstop
- 10. 6" x 48" Sanding belt
- 11. Belt tracking adjustment (2)
- 12. Belt tension release lever
- 13. Lower belt guard
- 14. End belt guard

- 15. Switch with safety key
- 16. Adjustable 2-1/2" belt dust chute (shown with #17)
- 17. 2-1/2" to 4" dust chute adaptor
- 18. Belt angle lock nut (1 of 2)
- 19. Belt angle scale

SANDER SPECIFICATIONS

Model	KC-760L
Voltage	120V/240V
Amperage	10 Amp. @ 120V/5 Amp. @ 240V
Motor RPM's.....	1,740 RPM
Prewired	120V
Sanding belt size	6" x 48"
Sanding belt speed	1,250 ft/min
Sanding disc size	9"
Sanding disc speed	1,740 RPM
Sanding belt angle range	0° - 90°
Tilting table angle range	0° - 45°



ASSEMBLY

UNPACKING

Remove all loose parts from the carton. Carefully lift the sander from the carton and place it on a level work surface. Remove all other items from the carton and follow all of the following assembly, adjustments, operation and maintenance instructions in this manual.

ASSEMBLING 4 PANELS OF CABINET STAND

Assemble the 2 side panels (A) Fig.5 and 2 front/rear panels (B) of the cabinet stand together using 8 hex. bolts, 16 washers, 8 spring washers and 8 hex. nuts.

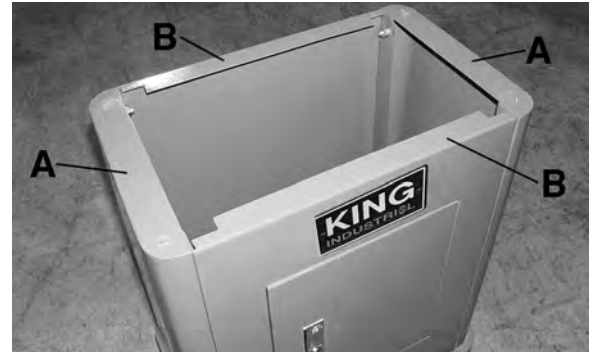


Figure 5

INSTALLING RUBBER FEET TO CABINET STAND

Once the cabinet stand is securely assembled, position the cabinet stand on its side and install the adjustable rubber feet (A) to each corner of the cabinet stand as shown in Fig.6. Reposition the cabinet stand upright and place it in the location you plan on using your sander. Check to see if the cabinet stand is level and stable, if the cabinet stand is not stable, adjust the rubber feet in or out on all corners until the cabinet stand stays firmly in place.



Figure 6

MOUNTING TOP PLATE OF CABINET STAND TO BASE OF SANDER

Position the sander assembly on its side and mount the top plate (A) Fig.7 to the underside of the sander base using 4 hex. bolts and 4 washers.

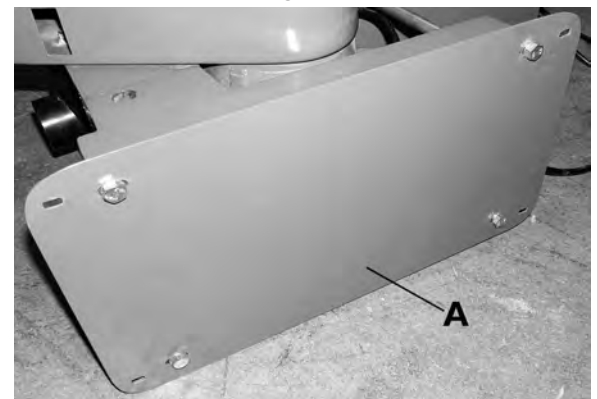


Figure 7

MOUNTING SANDER ASSEMBLY & TOP PLATE TO CABINET STAND

Position the sander assembly and the top plate on top of the cabinet stand, line up the mounting holes and secure the top plate to the cabinet stand using 4 pan hd screws and washers (A). See Fig.8.



Figure 8

ASSEMBLY



INSTALLING 9" PSA SANDING DISC

A 9" sanding disc for pressure sensitive adhesive (PSA) backed discs is supplied with this sander. If you wish to install it or any other adhesive 9" sanding disc, follow these instructions:

1. Undo and remove the sanding disc cover lock knob (A) Fig.9 and open the sanding disc cover (B).
2. Before installing any sanding disc, the disc (C) must be clean and free of any debris or else you may experience unsatisfactory sanding results or disc may lose contact with the plate and be projected into the air.
3. Peel the paper backing from the sanding disc, carefully position and press the sanding disc (A) Fig.10 firmly to the disc.
4. Close the sanding disc cover and lock it in place using the same lock knob. See Fig.10.

WARNING! Never attempt to use the sanding disc without the tilting table installed 1/16" away from the sanding disc, see instructions below.

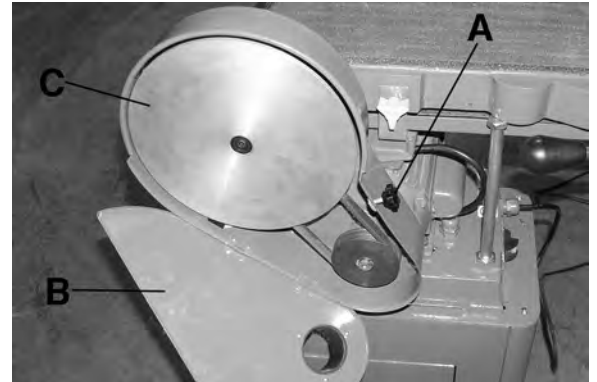


Figure 9

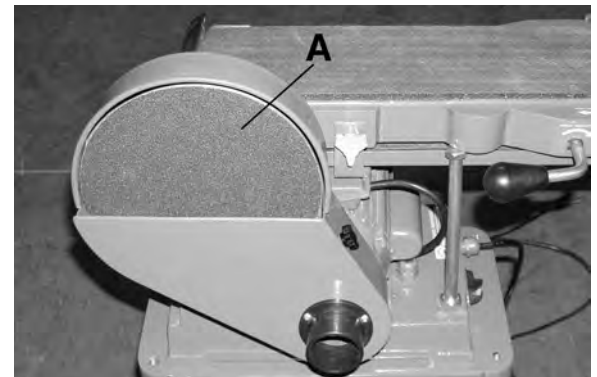


Figure 10

INSTALLING TILTING TABLE ASSEMBLY IN FRONT OF SANDING DISC

The most common place to install the tilting table is in front of the sanding disc because support is required during sanding disc operations. To install the tilting table, follow these instructions:

1. Locate the support shaft (A) Fig.11 and insert it into the support shaft opening. Tighten the 2 set screws (B) against the flats of the support shaft with a 5mm hex. key.
2. Slide the tilting table assembly (C) onto the support shaft (A) until the table is maximum 1/16" away from the sanding disc.
3. Tighten the 4 set screws (D) on both sides of the tilting table bracket against the flats of the support shaft with a 6mm hex. key.

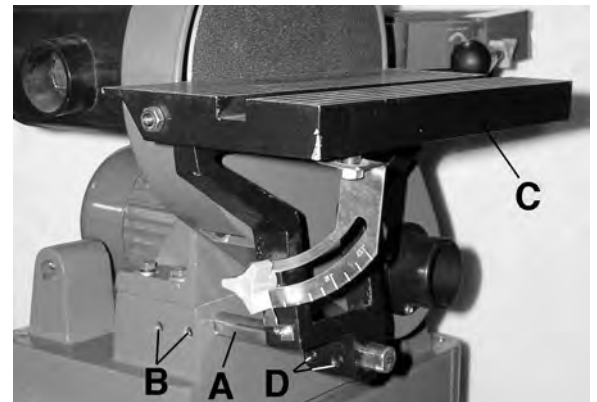


Figure 11

PLACE MITER GAUGE ASSEMBLY ON TILTING TABLE

Slide the miter gauge assembly (A) Fig.12 into the tilting table slot. The miter gauge is now ready to be used.

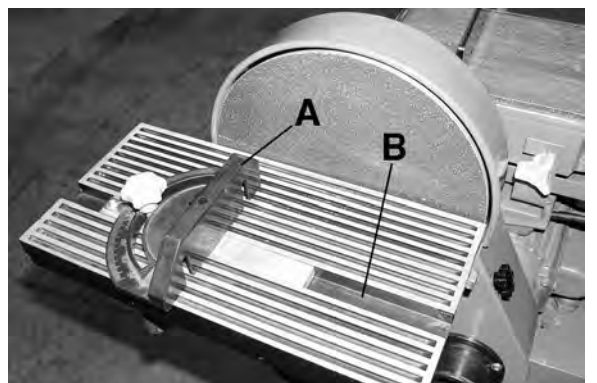


Figure 12



ASSEMBLY & ADJUSTMENTS

INSTALLING BELT TABLE END SAFETY GUARD

The belt table end safety guard (A) Fig. 13 is not installed and should be installed to ensure user safety during sanding operations. If you desire to make internal curve sanding which requires the use of the drum portion of the sanding belt, this end safety guard must not be installed. To install the end safety guard, follow these instructions:

1. Undo and remove the 2 lock knobs (B) on both sides of the belt table.
2. Slide the end safety guard (A) under the lower safety guard tabs (C).
3. Line up the mounting holes and secure both safety guards together by reinstalling the 2 lock knobs removed previously.

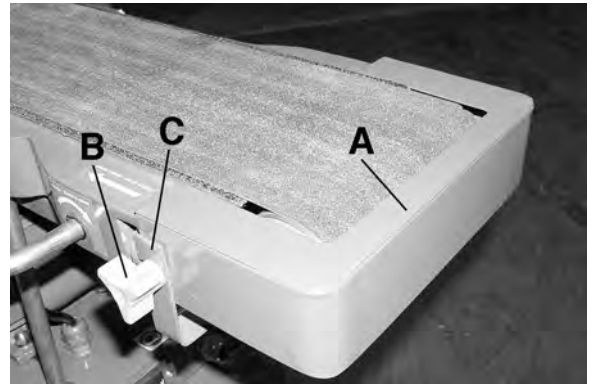


Figure 13

INSTALLING BELT DUST CHUTE WITH 2-1/2" OUTLET

To install the belt dust chute, follow these instructions:

1. Undo the 2 pan hd screws (B) from the belt casting and position the belt dust chute (A) Fig.14 as shown and fasten it to the belt casting using the 2 pan hd screws removed previously.
2. If you desire to connect this sander to dust collection system which uses a 4" flex hose, install the supplied 2-1/2" to 4" dust chute adaptor (C) as shown in Fig.14.

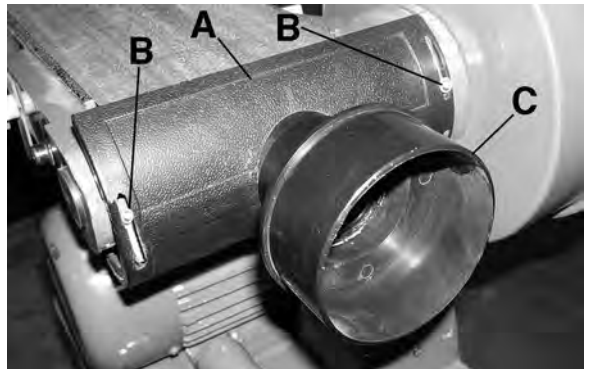


Figure 14

ADJUSTING SANDING BELT VERTICALLY OR HORIZONTALLY

The belt housing can be positioned horizontally or vertically. It can also be positioned at any angle in between depending on your sanding needs. To adjust, follow these instructions:

1. Loosen the two lock nuts (A) Fig.15 (the second hex. nut is under the one shown).
2. Slowly lift or lower the belt housing to the desired angle. See scale (B) for the sanding belt angle.
3. To secure into position, retighten the two lock nuts (A).
4. To obtain the perfect horizontal position, lower completely until it comes in contact with the stop bolt underneath the belt housing.

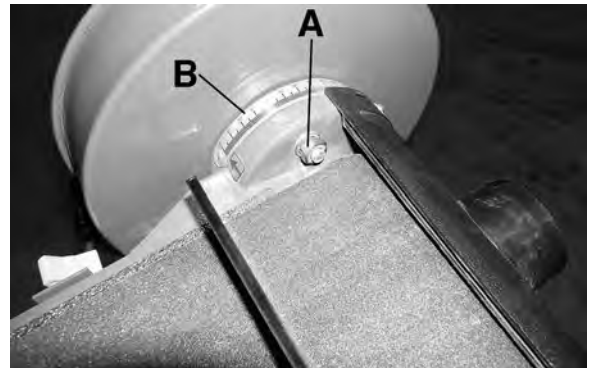


Figure 15

INSTALLING TILTING TABLE TO SANDING BELT (VERTICAL POSITION)

As mentioned previously, the tilting table is most commonly installed to the sanding disc but it can also be installed to the sanding belt when it is in its vertical position. Please note the belt dust chute must be repositioned in order to allow connecting a dust collection hose. To install the tilting table to the sanding belt, follow these instructions:

1. Remove the tilting table assembly from the sanding disc position and reposition it as shown in Fig.16.
2. Position the tilting table maximum 1/16" away from the sanding belt and then secure the support shaft (A) Fig.16 in place by tightening the 2 set screws (B).
3. Before making vertical sanding belt operations with the tilting table installed, remove the belt backstop.

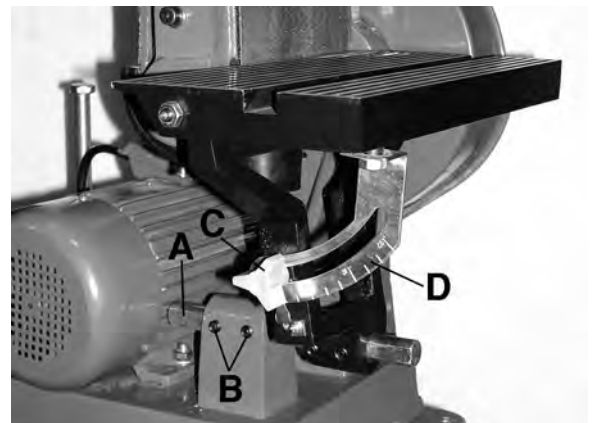


Figure 16

ADJUSTING TILTING TABLE ANGLE

The tilting table can be tilted from 0°- 45° by loosening the table lock knob (C) Fig.16, tilt the table to the desired angle as indicated on the table scale (D) and retighten lock knob. Make sure the desired angle is true, to set the table square with the belt, use a combination square. If the angle pointer needs to be repositioned, loosen pointer screw and readjust.

ADJUSTMENTS



ADJUSTING MITER GAUGE ANGLE

This miter gauge is used to hold and support the work piece at a chosen angle during a sanding operation. The miter gauge body (A) Fig.17 angle can be adjusted.

1. Loosen lock knob (B) and reposition to the desired angle.
2. Retighten lock knob (B) to lock into the desired angle.
3. Make sure the desired angle is true.
4. To set the miter gauge square with the disc, use a combination square. If the angle pointer needs to be repositioned, loosen pointer screw and readjust.

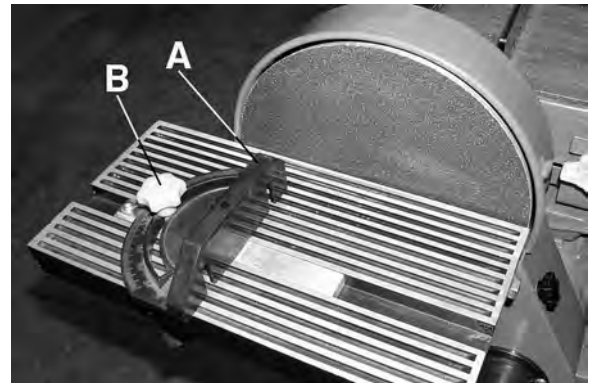


Figure 17

REPLACING THE 6" X 48" SANDING BELT

The sanding belt must be replaced once it is ripped, used or glazed. To replace the sanding belt, follow these instructions:

1. Before attempting to remove the sanding belt, a few installed items must be removed first.
2. Remove both the end safety guard (A) Fig.18 and the lower safety guard (B) by undoing the 4 lock knobs (C).
3. Remove the backstop (A) Fig.19 by undoing the cap screw (B) and then remove the belt dust chute (C) by undoing the 2 pan hd screws (D).

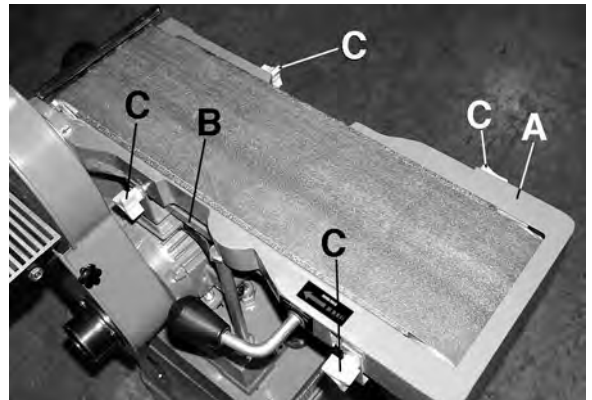


Figure 18

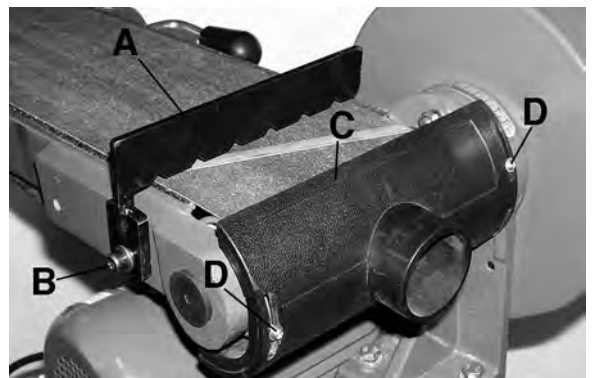


Figure 19

4. Release the sanding belt tension by lifting and turning the quick adjustment tension lever (A) towards the right as shown in Fig.20.
5. Remove the used sanding belt as shown in Fig.20 and slide the new sanding belt around drums. NOTE: The arrows on the inside of the sanding belt must point towards the sanding disc, doing the opposite will increase the risk of ripping the sanding belt leaving it useless.
6. Center the sanding belt between the drums and tension the sanding belt using the belt tension lever.
7. Before reinstalling all the removed items, the belt tracking should be checked and adjusted if necessary. See the instructions on the following page for tracking sanding belt.
8. Reinstall the removed items once the belt tracking adjustment has been done.



Figure 20



ADJUSTMENTS

TRACKING THE SANDING BELT

Your sander is shipped with the belt tracking mechanism properly adjusted. The sanding belt should run centered and tracking properly between the belt drums. If an adjustment is necessary, follow these instructions:

1. Start the sander.
2. Insert a small hex. key into one of the holes in the tracking adjustment wheel (A) Fig.21 as shown.
3. When standing in front of the sanding disc, to track the belt towards you, slowly turn the adjustment wheel downwards. To track the belt away from you, slowly turn the adjustment wheel upwards.
4. The sanding belt should run centered and tracking properly between the belt drums.
5. Stop the sander.
6. To finalize the replacement and tracking of the sanding belt, reinstall the end and lower safety guards, backstop and belt dust chute removed previously.



Figure 21

REPLACING AND TENSIONING THE MOTOR DRIVE V-BELT

Your sander is equipped with a drive V-belt which may scotch or get used after extensive use and may need to be retensioned or replaced. To replace and tension the motor drive V-belt, follow these instructions:

1. Stop the sander and unplug from the power source.
2. If the tilting table assembly is installed to the sanding disc, remove it.
3. Undo and remove the sanding disc cover lock knob and open the sanding belt cover to expose the motor drive pulley (A) as shown in Fig.22.
4. Loosen the four motor mount lock nuts (A) Fig.23 and move the motor towards the sanding disc to release the drive V-belt tension.
5. At this point, the drive V-belt is loose enough to slip it off the motor drive pulley.
6. To completely remove the drive V-belt, the aluminum disc must be removed. Remove sanding disc from aluminum disc. Undo the cap screw (B) Fig.22 and pull the aluminum disc (C) off the sanding disc/belt transmission shaft.
7. Once the used drive V-belt is removed, reposition a new identical drive V-belt around the pulley at the rear of the aluminum disc and reinstall the aluminum disc to the disc/belt transmission shaft, secure it into place with the cap screw remove previously.
8. Fit the new drive V-belt around the motor drive pulley.
9. To properly tension the drive V-belt, move the motor away the sanding disc to increase the drive V-belt tension.
10. Once the proper tension is obtained, retighten the four motor mount lock nuts (A) Fig.23.
11. Install new sanding disc, reposition sanding disc cover and lock knob and reinstall the tilting table as necessary.

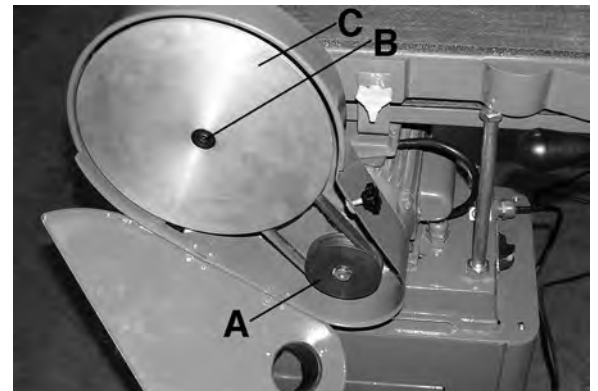


Figure 22

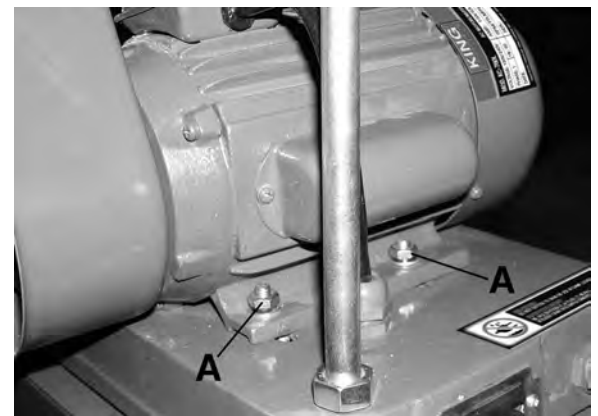


Figure 23

OPERATION & MAINTENANCE



OPERATIONAL GUIDELINES

- The sander must be unplugged from the power source before adjusting or replacing parts.
- The table lock knob must be properly tightened.
- The guards must be properly installed, adjusted and locked.
- All mobile parts must have sufficient space to move and they must move freely.
- Make sure lock knobs and handles do not loosen during operation (caused by vibrations).
- Wait for the sanding belt to reach full speed before sanding.
- The motor must turn counterclockwise, same for the sanding disc. The sanding belt must travel towards the floor when in the vertical position.
- Do not force a workpiece on any sanding surface.
- Always support your workpiece when sanding on the belt or disc.
- Do not attempt to rapidly push a corner of a workpiece against the sanding disc or belt.
- The sanding disc or belt must be replaced when it is ripped, glazed or frayed.
- The backstop (A) Fig.24 comes installed at the rear of the belt table to allow a greater sanding surface on the belt but this position may cause interference with the sanding disc during operations. To avoid this, the backstop can be repositioned to the front of the belt table and locked in place with lock knob (B) as shown in Fig.24.
- Always position your workpiece against the left side of the sanding disc or else you risk letting go of the workpiece due to the upwards force on the right side of the sanding disc.

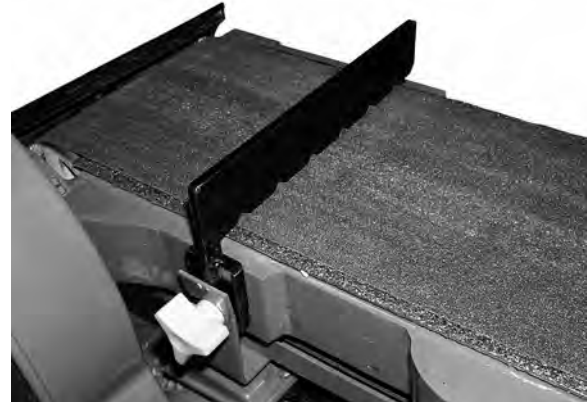


Figure 24

HORIZONTAL SANDING

1. Set the belt housing in the horizontal position.
2. Use backstop to support your workpiece.
4. To sand curved surfaces, remove the end safety guard, the end drum can be used for this operation.

BELT SANDING

1. **Sanding a flat surface:** Firmly hold the workpiece with both hands; keep your fingers away from the sanding belt.
Using the backstop: The backstop is used to support and position your workpiece during a sanding operation. Place an end of your workpiece against the backstop, then apply it to the sanding belt. Be very careful when sanding thin workpieces on the sanding belt.
Sanding long pieces: Do not apply too much pressure on a long workpiece. Apply only enough pressure so that the sanding belt removes the material.
2. **Sanding curved sides:** External curves must be sanded on the flat portion of the sanding belt. Internal curves must be sanded on the drum portion of the sanding belt.
3. **End sanding:** It is more practical to end sand a long workpiece with the sanding belt in its vertical position.
4. The workpiece must be moved equally along the sanding belt.
5. Use the miter gauge for precise work.
6. To sand a perfectly straight edge, make sure the belt table is perfectly square with the sanding belt.

DISC SANDING

1. When sanding small flat surfaces or convex edges is needed, disc sanding is the best way to achieve good results.
2. Move the workpiece downwards on the left side of the sanding disc.
3. The sanding disc turns much faster and removes more of the external edge.
4. Use the miter gauge for precise work.

MAINTENANCE

REGULAR MAINTENANCE

1. Your work space and your sander should be clean after every use.
2. Remove all accumulated dirt and dust on the sander.
3. The drums must be kept clean. Dirt on the drums will cause tracking problems and slippage of the sanding belt.
4. The dust chute must be used to avoid major accumulation of dust inside the sander.
5. The motor must be kept clean at all times, use a vacuum to clean.
6. Regular soap can be used to clean rubber parts, guards and painted parts.

LUBRICATION

1. The ball bearings are permanently lubricated; they need no further lubrication.

REQUIRED MAINTENANCE

1. The power cord must be replaced immediately if it is used, cut or damaged.
2. Sanding disc and belt must be replaced once used. King Canada replacement discs and belts of different grits are available at your nearest King Canada distributor.
3. Replace all used or damaged parts before using the sander.
4. Do not attempt to repair the sander yourself, contact a qualified technician.



TROUBLESHOOTING CHART

Problem	Probable cause	Solution
<ul style="list-style-type: none"> • Motor doesn't start. 	<ul style="list-style-type: none"> • Voltage drop. • Motor short circuit or bad connection. 	<ul style="list-style-type: none"> • Check power source. • Check all motor connections.
<ul style="list-style-type: none"> • Motor doesn't start; fuse burnt, circuit breaker tripped. 	<ul style="list-style-type: none"> • Plug or switch short circuit. • Motor short circuit or bad connection. • Incompatible fuse or circuit breaker in the electric box. 	<ul style="list-style-type: none"> • Check plug or switch for bad insulation or contact. • Check all motor connections or bad wire insulation. • Install proper fuse or circuit breaker.
<ul style="list-style-type: none"> • Motor does not develop maximum power (Voltage decrease at motor terminal). 	<ul style="list-style-type: none"> • The power source is overloaded with lamps, accessories or another motor. • Wiring too small or circuit line too long. • Electrical company overload. • Drive V-belt is tensioned incorrectly. 	<ul style="list-style-type: none"> • Reduce charge on circuit. • Increase wire size or reduce length of circuit line. • Request voltage check by power supplier. • Reajust V-belt tension.
<ul style="list-style-type: none"> • Motor overheats. 	<ul style="list-style-type: none"> • Motor overload. • Drive V-belt is overtensioned. 	<ul style="list-style-type: none"> • Reduce charge on circuit. • Retension V-belt properly.
<ul style="list-style-type: none"> • Motor chokes (caused by burnt fuse or tripped circuit breaker). 	<ul style="list-style-type: none"> • Short circuited motor or bad connection. • Voltage too low. • Incompatible fuse or circuit breaker in the electric box. • Motor overloaded. 	<ul style="list-style-type: none"> • Check all motor connections or bad wire insulation. • Rectify voltage. • Install appropriate fuses or circuit breaker. • Reduce charge on circuit.
<ul style="list-style-type: none"> • Sander slows down during operation. 	<ul style="list-style-type: none"> • Applying too much pressure on the workpiece. 	<ul style="list-style-type: none"> • Apply less pressure.
<ul style="list-style-type: none"> • Sanding belt is positioned off the top drum. 	<ul style="list-style-type: none"> • Belt tracking is incorrect. 	<ul style="list-style-type: none"> • Refer to manual for proper belt tracking.