



KING CANADA

5" RANDOM ORBIT SANDER



MODEL: 8305

INSTRUCTION MANUAL

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IMPORTANT INFORMATION



**2-YEAR
LIMITED WARRANTY
FOR THIS RANDOM ORBIT 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.

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, negligence or accidents, repairs or 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 warranty, the product or part must be returned for examination by the retailer. Shipping and handling charges may apply. If a defect is found, KING CANADA will either repair or replace the product.



GENERAL SAFETY INSTRUCTIONS FOR POWER TOOLS

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. KEEP WORK AREA CLEAN.

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

3. 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.

4. KEEP CHILDREN AWAY.

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

5. MAKE WORKSHOP CHILD-PROOF.

Use padlocks, master switches or remove starter keys.

6. USE PROPER SPEED.

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

7. USE RIGHT TOOL.

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

8. 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.

9. ALWAYS WEAR SAFETY GLASSES.

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

10. MAINTAIN TOOL WITH CARE.

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

11. DISCONNECT TOOLS.

Before servicing, when changing accessories or attachments.

12. AVOID ACCIDENTAL STARTING.

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

13. 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.

14. NEVER LEAVE MACHINE RUNNING UNATTENDED.

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

ELECTRICAL INFORMATION & ASSEMBLY



Warning: The warnings, cautions, and instructions discussed in this instruction manual cannot cover all possible conditions and situations that may occur. It must be understood by the operator that common sense and caution are factors which cannot be built into this product, but must be supplied by the operator.

Note: Performance of this tool (if powered by line voltage) may vary depending on variations in local line voltage. Extension cord usage may also affect tool performance.

VOLTAGE WARNING

Before connecting the tool to a power source (receptacle, outlet, ect.) be sure the voltage supplied is about the same as that specified on the nameplate of the tool. If one says 120V and the other says 115V then there will be no complications. Never try to plug a 115V tool into a 230V outlet, or the other way around. The plug and outlet have completely different shapes. This is because a power source with a voltage greater than that specified on the 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.**

EXTENSION CORDS

Your tool has a polarized, two-prong plug. Do not alter the plug in any way. Only use rounded jacket extension cords listed by the Underwriters Laboratories (UL). Improper use of extension cords may cause inefficient operation of your tool which can result in overheating. Be sure your extension cord is rated to allow sufficient current flow to the motor. If you are using the tool outdoors, use an extension cord rated for outdoor use (signified by "WA" on the jacket).

The extension cord must have a minimum wire size depending on the amperage of the tool and the length of the extension cord. This size is determined by its AWG (American Wire Gauge) rating. The smaller the gauge, the greater the cable's capacity. The amount of cords used does not matter: Total length determines the minimum AWG rating. Every cord must meet the AWG rating. Use the chart below to determine what AWG rating is required for your situation. Cord length is rated in feet.

<u>LENGTH OF CONDUCTOR</u>	<u>WIRE SIZE REQUIRED (AMERICAN WIRE GAUGE)</u>
	<u>120V LINES</u>
0-25 FEET	NO.16
26-50 FEET	NO.14
51-100 FEET	NO.12

ASSEMBLY

Your Random Orbit Sander comes almost fully assembled, only the dust bag must be assembled to the dust port. For installation of sandpaper and operating instructions, please refer to the operation section of this manual.



OPERATION

WARNING!: To reduce the risk of serious personal injury, read, understand and follow all important safety warnings and instructions prior to using this tool.

SWITCH

To turn the tool ON, push the portion of the switch marked "I" and to turn the tool OFF, push the portion of the switch marked "0".

NOTE: Always return the switch to the "OFF" position before changing accessories or adjusting.

OPERATION

Grasp the sander and turn it ON. Move it in long, sweeping strokes along the surface, letting it do the work. Pushing down on the tool while sanding actually slows the removal rate and produces an inferior quality finish. Check your work often. This sander is capable of removing material rapidly.

DUST COLLECTION

Your sander comes equipped with a cloth dust bag to collect the dust generated while sanding. To attach the dust bag to the sander, fit it firmly onto the dust port at the back of the sander. To empty the dust bag, remove it from the dust port and dump the sanding debris into an appropriate trash receptacle. You may, if you prefer, attach a vacuum cleaner to the tool to collect the dust as you sand. Simply remove the dust bag and install the vacuum hose over or into the dust port. Shop vacuums come with two diameters of hoses and the dust port is designed to accept them both.

MAINTENANCE

Use only mild soap and a damp cloth to clean the tool. Never let any liquid get inside the tool; never immerse any part of the tool into a liquid.

IMPORTANT: To assure product SAFETY and RELIABILITY, repairs, maintenance and adjustments should be performed by authorized service centers or other qualified service organizations, always using identical replacement parts.

PARTS DIAGRAM & PARTS LISTS

Refer to the Parts section of the King Canada web site for the most updated parts diagram and parts list.