

EXCELSIOR

OVERARM BLADE COVER SYSTEM WITH DUST COLLECTION



MODEL: XL-1014

INSTRUCTION MANUAL

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<p>2-YEAR LIMITED WARRANTY FOR THIS OVERARM BLADE COVER SYSTEM</p>	<p>KING CANADA TOOLS OFFERS A 2-YEAR LIMITED WARRANTY FOR NON-COMMERCIAL USE.</p>
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PROOF OF PURCHASE

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

REPLACEMENT PARTS

Replacement parts for these products are available at our authorized King Canada service centers across Canada.

LIMITED TOOL WARRANTY

King Canada makes every effort to ensure that these products meet 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.

PARTS DIAGRAM & PARTS LISTS

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

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

www.kingcanada.com

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 to wax and sawdust 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.

-with padlocks, master switches or by removing 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 eye-glasses only have impact resistant lenses, that 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.

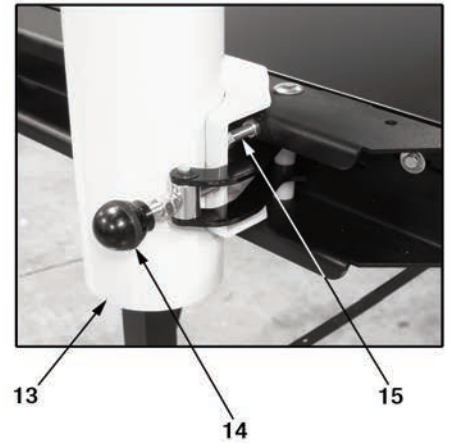
Before further use of the tool, a guard or other parts that are damaged should be carefully checked to ensure that they will operate properly and perform their intended function. Check for alignment of moving parts, breakage of parts, mounting, and any other conditions that may affect its operation.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

GETTING TO KNOW YOUR OVERARM BLADE COVER

EXCELSIOR



1. Dust collection hose.
2. Hose clamp (1 of 2).
3. Blade cover mounting bracket.
4. 3" diameter inner telescopic boom.
5. Blade cover position locking lock handle.
6. Blade cover.
7. Inner telescopic boom lock handle.
8. Main 4" diameter boom.

9. Boom mount pin (1 of 2).
10. Boom mount.
11. Diagonal brace (1 of 2).
12. Extension leg
13. Location to install 4" dust collection hose from dust collector (not included).
14. Main boom lock knob
15. Boom adjusting stop bolt

SPECIFICATIONS

MODEL	XL-1014
BOOM HEIGHT OVER TABLE	13-3/8"
MAIN BOOM DIAMETER	4"
TELESCOPIC INNER BOOM DIAMETER	3"
MAX DISTANCE BETWEEN BLADE AND EDGE OF EXTENSION TABLE	39-3/4" TO 69-5/8"
BLADE COVER SIZE	4-1/2" X 19-3/4"
WEIGHT	55 LBS

IMPORTANT NOTE

This Overarm Blade Cover System is designed to fit 10" to 14" table saws which have a wood or melamine table extension installed. This system is universal and may require minor modification and/or special mounting which may differ from the assembly instructions in this manual. It is important that all assembly instructions be followed and applied to your table saw and accessories.

This system is designed to be connected to a dust collector with a 4" dust collection hose (not included). Saw dust gets removed at the source directly above the blade.

Minimum distance from blade to the end of extension table: 39-3/4"

Maximum distance from blade to the end of extension table: 67"

ASSEMBLY

IMPORTANT: The following assembly instructions are based on assembly on a King table saw with a rip fence and bars system model KRF-J52 and a melamine extension table model EXT-5052.

Installing boom mount to extension table

- 1) Insert the extension leg (A) Fig.1 into the boom mount leg support (B) and secure leg using 2 lock knobs (C).
- 2) Position the boom mount (D) Fig.1 against the edge of the extension table (B).

Note: The EXT-5052 extension table comes with two support legs, these two support legs will need to be removed before mounting boom mount to extension table. The boom mount needs to be installed to a flat surface.

- 3) Line up the boom mount pin (E) Fig.1 with the centre of the blade, also make sure the top of the boom mount is perfectly flush with the top of the extension table, secure the boom mount to the extension table using a clamp or vise as shown in Fig.2.

- 4) Mark the mounting holes at the centre of the oblong mounting holes (E) Fig.1, there are three mounting holes on each side, a minimum of two mounting holes on each side must be used to mount the boom mount securely.

- 5) Drill the necessary holes in the steel frame of the extension table. Then secure the boom mount using the supplied mounting hardware (long hex. bolt, 2 washers and a hex. nut for each mounting hole).

Installing diagonal braces from boom mount to extension table

- 1) Install the straight ends of the diagonal braces (A) Fig.3 to the supports (B) on the lower section of the boom mount (C). Secure them to the supports using small hex. bolts, spring washers and hex. nuts (D).

- 2) At the other end of the diagonal braces, install a long eye bolt (A) Fig.4 and two hex. nuts (B) as shown.

- 3) Install a 90° bracket (C) to each eye bolt (A) using a countersunk head screw (D), spring washer (E) and hex. nut (F).

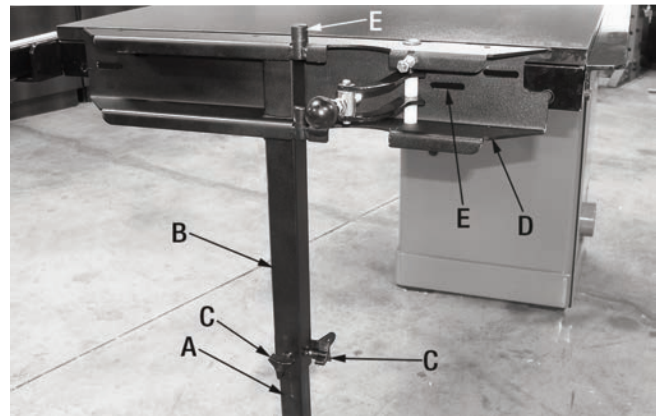


FIGURE 1



FIGURE 2

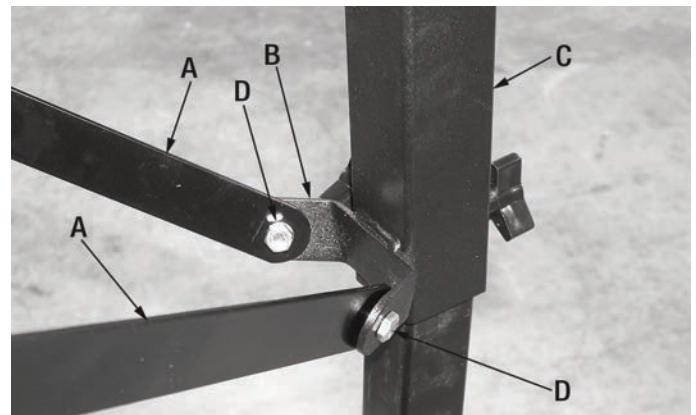


FIGURE 3

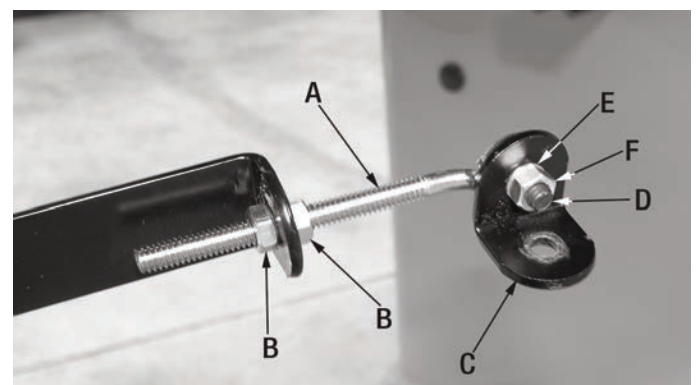


FIGURE 4

Installing diagonal braces from boom mount to extension table continued...

- 4) Now that the diagonal braces are fully assembled, swing the diagonal braces to the underside of the extension table. Mount the 90° brackets to the inner sides of the extension table.
- 5) Mark the mounting holes and drill the necessary holes through the steel frame of the extension table and the rip fence bars.

Note: It will be necessary to remove the rip fence tube on the front of the machine to avoid drilling into it. Only drill through the rip fence 90° angle support bar. To avoid interference with the sliding of the rip fence, a countersunk hole in the rip fence bar will need to be drilled.

- 6) Mount the rear diagonal brace assembly (A) Fig.5 to the hole drilled in the rear of the steel frame of the extension table and the rip fence bar using a hex. bolt, washer, spring washer and hex. nut as shown.
- 7) Mount the front diagonal brace assembly (A) Fig.6 to the countersunk hole drilled in the front of the steel frame of the extension table and the rip fence 90° angle support bar using a countersunk head screw (B) (not included), spring washer and hex. nut.

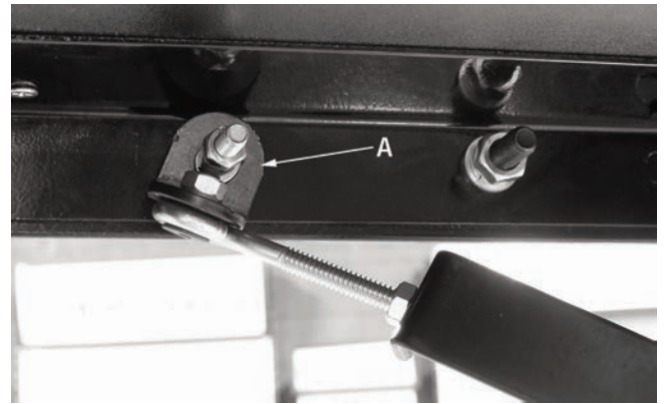


FIGURE 5

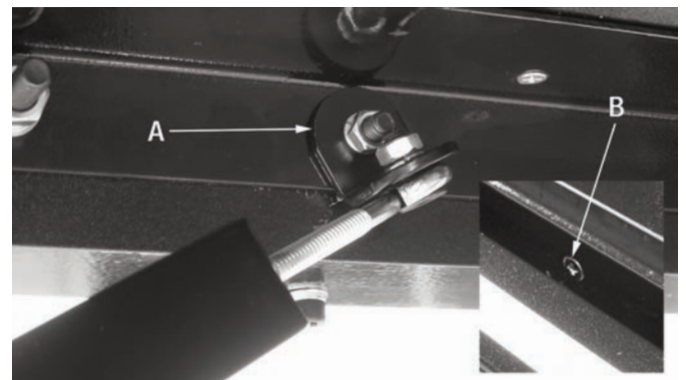


FIGURE 6

Installing telescopic boom to the boom mount

- 1) Install the boom (A) Fig.7 on the two mounting pins (B) on the boom mount (C) and swing the boom over the table of the table saw.

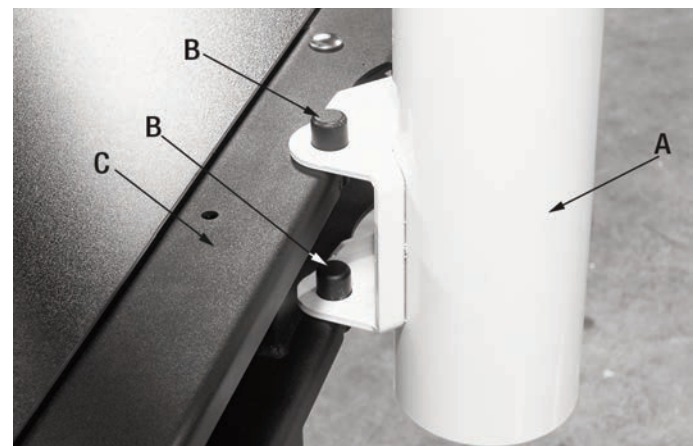


FIGURE 7

- 2) Secure the boom in position using the boom lock knob (A) Fig.8 as shown.

Parallel adjustment of the boom

- 1) A stop bolt (B) Fig.8 sets the parallel alignment of the boom in relation to the blade. Adjust the bolt in or out as needed, once the adjustment is made make sure to tighten the stop bolt hex. nut (C).
- 2) Secure the boom in position using the boom lock knob (A) Fig.8 as shown.

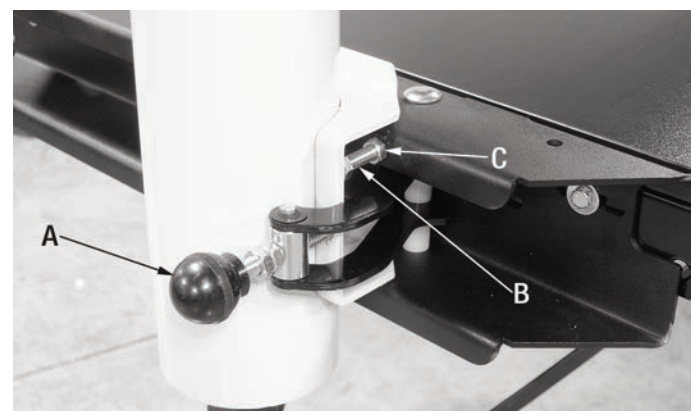


FIGURE 8

Extending the telescopic inner boom

- 1) The main boom comes with a 3" diameter inner telescopic boom (A) Fig.9 which slides out of the main 4" boom. Loosen boom lock knob (B) and extend the inner boom to the desired distance over the blade. Do not over-tighten the boom lock knob, very little pressure is needed to secure boom.

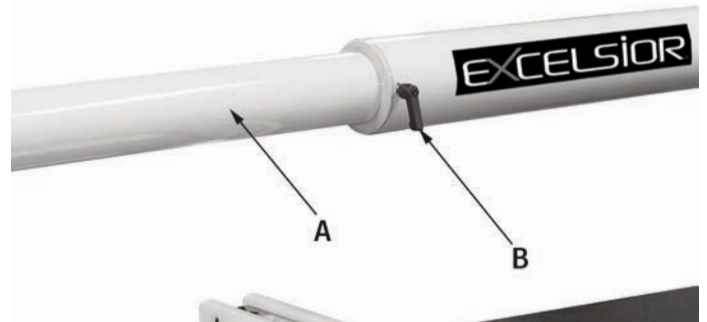


FIGURE 9

Installing blade cover assembly and dust collection hose to inner telescopic boom

- 1) Slide the blade cover assembly mounting bracket (A) Fig.10 over the inner boom (B), slide it to approximately 1" to 1-1/2" away from the edge of the inner boom. Position the blade cover over the blade and then tighten the hex. bolt and hex. nut (C).

Note: It will be necessary to remove the blade guard assembly from the table saw.

- 2) Install the dust collection hose (D) Fig.10 in between the blade cover and the inner boom using the two hose clamps (E). Position the hose clamps over the dust collection hose, then slide the hose over the blade cover and the inner boom, position and secure hose clamps by tightening the hose clamp screw (F) using a screwdriver.

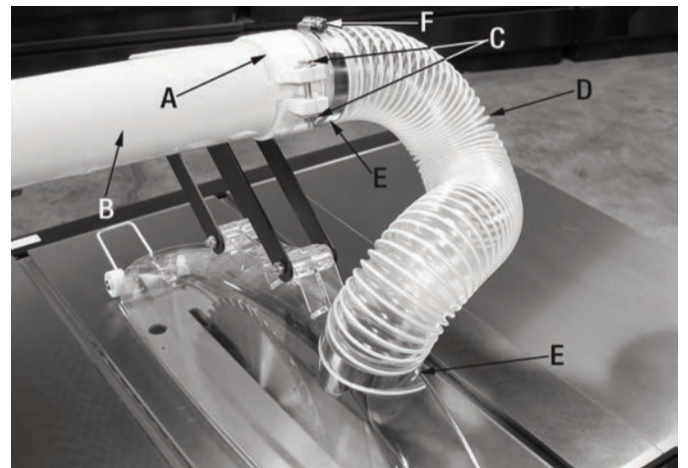


FIGURE 10

Note: The blade cover can be locked in any position by tightening the blade cover lock knob (A) Fig.11. It is recommended to keep this lock knob loose as to not restrict the height of the blade cover as you feed stock towards the blade.

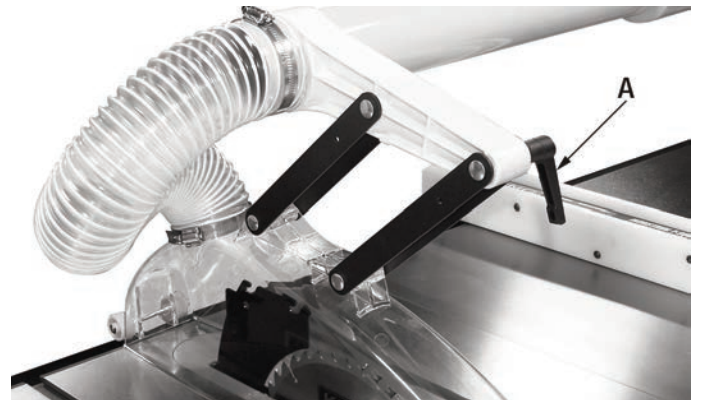


FIGURE 11

Installing optional 4" dust collection hose to main boom base

Note: Connect to a dust collector system before turning on table saw. Turn dust collector on before turning on table saw.

- 1) Slide a 4" dust collection hose (not included) over the bottom base of the main boom (A) Fig.12. Secure 4" hose with a hose clamp (not included).



FIGURE 12