



## MODEL H4231 ZERO-CLEARANCE TABLE INSERT FOR G1023RL Series INSTRUCTIONS

### **!WARNING**

- **Disconnect saw from power before fitting or removing table insert!**
- **Always wear eye protection.**
- **Do not tilt the blade while it is in the insert!** For beveled cuts, a separate insert must be used with the blade slot (kerf) cut only at that angle.
- **Insert must be securely clamped down with a board before plunging the blade up through it to cut the kerf.**
- **If using a blade stabilizer, check the clearance before raising the blade.**

### Important Considerations

**CARBIDE BLADES:** Only recommended for use with carbide tipped blades.

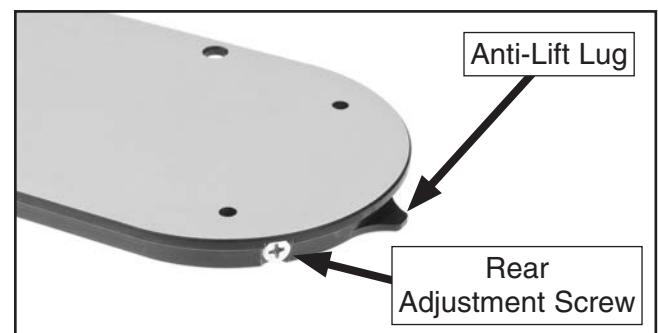
**DEDICATED INSERTS:** Use a separate insert for each blade, dado stack, or angle set-up. This will ensure a true "zero-clearance" effect and give you maximum benefit from your table inserts.

**SPLITTER/RIVING KNIFE:** If this insert is to be used with a splitter or riving knife, you will need to finish cutting out the pre-routed optional splitter slot, using a saw or router. Smooth any leftover sharp edges with sandpaper.

**DADO BLADE:** Use extreme caution when cutting the blade slot (kerf) by moving the blade much slower than otherwise due to the substantial cutting forces from the wide dado blade.

### Installing and Fitting Your Insert

1. Lower the blade completely.
2. Make sure the rear adjustment screw (**Figure 1**) is threaded in completely.



**Figure 1.** Anti-lift lug and rear adjustment screw.

3. Put the insert in the throat opening (rear end first so the anti-lift lug fits under the edge of the table). The insert should fit in the table opening with a snug fit.
  - If the insert fits loosely in the opening, remove it, and adjust the rear adjustment screw as necessary until it fits correctly.
  - If the insert will not fit in the opening, you may need to lightly sand the "fitting bumps" along the perimeter until it fits correctly.
4. Adjust the four leveling screws until the insert is flush with the tabletop. Make sure that all four leveling screws make contact with the table so the insert does not wobble

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## Cutting the Blade Slot (Kerf)

1. Check that the insert is fitted properly and that the blade is NOT touching the insert. To check the blade clearance, you can rotate the blade from below using a stick or by moving the belt.
2. Place a scrap board over the top of the table insert and firmly clamp the board to the table at both ends, so the table insert will not lift when you raise the blade into it during the next step.
3. Re-connect the saw to power. **KEEP HANDS OFF OF THE TABLE TOP, DON'T STAND DIRECTLY BEHIND THE BLADE PATH, AND WEAR EYE PROTECTION.** Switch the saw on, then slowly and cautiously raise the blade up to its maximum height to cut through the insert.

4. Lower the blade completely, turn the saw off, then remove the clamping board. The insert is now ready for use!

Note: Under certain conditions, an undesirable scraping noise may be generated by excessive arbor run-out or blade distortion, causing the blade body to intermittently contact the insert slot. To remedy this, remove the insert and slightly widen the slot, using a file or sanding paddle.

*If you need help with your new insert, call our Tech Support at: (570) 546-9663.*

