

Model D4801 Zero-Clearance Table Insert for W1837 Instruction Sheet



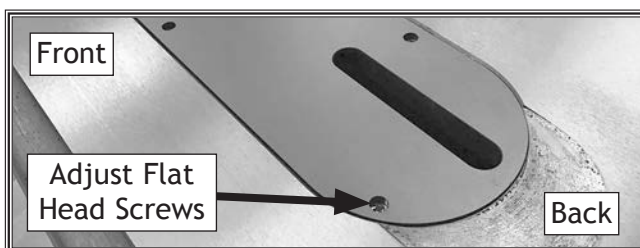
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WARNING

- **DISCONNECT SAW FROM POWER BEFORE REMOVING OR FITTING TABLE INSERT!**
- Wear eye protection when cutting.
- Do not tilt blade while it is in the insert! For beveled cuts, a separate insert must be used only at that angle.
- Only use carbide-tipped blades with this insert. Wider teeth provide clearance for the blade body, which reduces heat.
- Use a separate insert for each blade angle and cutting height. This ensures a true “zero-clearance” effect.
- When cutting the insert, it **MUST** be securely clamped down with a board and clamps before raising the blade.
- Use extreme caution when cutting blade slot (kerf). Raise blade very slowly.

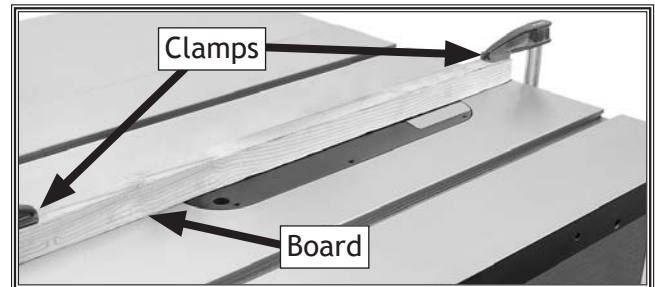
Installing & Fitting Insert

1. Lower blade completely and remove blade guard.
2. Remove table insert and riving knife.
3. Install new table insert with riving knife slot to back (see Figure) so tab on bottom engages under surface of table. Initially, insert may be too long and hit on the two front “fitting bumps.”
4. Using a medium grit sanding block, lightly sand bumps. While sanding, slightly bevel bottom edges of bumps to ease entry. Sand, test-fit, and repeat to gradually “sneak-up” on a snug, yet easily removable fit.
5. Adjust five flat head screws to make insert flush with table.



Cutting Blade Slot (Kerf)

1. Verify insert fits properly and blade is **NOT** touching insert. Check this by rotating blade from below with a push stick or by moving drive belt.
2. Firmly clamp a scrap board (at least $\frac{3}{4}$ " thick) over top of table insert so blade is not visible as it emerges through insert. This setup helps prevent chipout and reduces chance of blade raising insert during cut.



3. Re-connect saw to power. **KEEP HANDS OFF TABLE TOP AND SCRAP BOARD, WEAR EYE PROTECTION, AND DON'T STAND DIRECTLY BEHIND BLADE PATH.** Turn saw **ON**, then slowly and cautiously raise blade to correct height for operation.
4. Lower blade completely and turn saw **OFF**, then remove scrap board and insert.
5. Re-install riving knife, table insert, then blade guard. Ensure they are in proper operating condition. Insert is now ready to use.

Note: An undesirable scraping noise may be generated by blade run-out or distortion. To remedy this, remove insert and slightly widen slot using a file or sanding paddle.

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