

GENERAL SAFETY WARNINGS

This product is designed for specific applications as defined in the instructions and should not be modified and/or used for any other applications. Before using the Interlock Signmaker's Templates, read, understand and follow all instructions and safety information provided. **KEEP THESE INSTRUCTIONS FOR FUTURE REFERENCE.**

- > Always confirm that you are using the most recent version of the Instructions and safety warnings for your product. To find the most recent version, find the product page on Rockler.com and click on the link to the Instructions.
- > For any tool used in conjunction with this product, always read, understand and follow the instructions and safety warnings in the owner's manual for that tool. If you do not have the owner's manual, obtain one from the tool's manufacturer before using it with this product.
- > Before using this product, review and verify that all tools to be used with it have safety equipment installed and are in proper working order as defined by the tools' owner's manuals.
- > Do not use this product until you have read and are confident you understand:
 - Single Template Letters (p. 3);
 - Two Template Letters (pp. 4-5);
 - Optional Letter Kerning (pp. 6-7);
 - Sample Sign (p. 8).
- > Do not use this product in any manner other than what is described in these instructions. Use only recommended accessories.
- > Remain alert and use good judgment when using this tool. Do not use this tool if you are in any way impaired by medications, alcohol, drugs or fatigue.
- > Dress appropriately and remove all jewelry, secure loose clothing and tie up long hair before using this tool.
- > It is the sole responsibility of the purchaser of this product to ensure that any third party whom you allow to use this product reads and complies with all the instructions and safety precautions outlined in this manual prior to use.
- > Maintain these instructions and warnings as long as you own the product. Keep this booklet in a place where it will be readily available for reference.
- > The user assumes all risk and responsibility for the proper use of this product and for ensuring product suitability for intended application.
- > Always wear safety glasses in compliance with ANSI safety standards and hearing protection and follow all standard shop safety practices, including:
 - Keep your work area well lit and clean;
 - Unplug all power tools before making any adjustments or changing accessories;
 - Use dust collection tools and dust face masks to reduce exposure to dust;
 - Use accessory safety equipment such as featherboards, push sticks and push blocks whenever appropriate;
 - Do not use power tools in explosive environments (e.g., in the presence of flammable liquids, fumes or dust);
 - Keep children and bystanders away from the tool operating area;
 - Maintain proper footing at all times and do not overreach;
 - Do not force the tool.
- > These warnings and instructions do not represent the total of all information available regarding tool safety, use and technique. Please read the full manual before using this product and always seek out opportunities to learn more and improve your skills and knowledge.

⚠ WARNING: Drilling, sawing, sanding or machining wood products can expose you to wood dust, a substance known to the State of California to cause cancer. Avoid inhaling wood dust or use a dust mask or other safeguards for personal protection. For more information go to www.P65Warnings.ca.gov/wood.

⚠ DANGER Danger indicates a hazardous situation that, if not avoided, will result in death or serious injury.

⚠ WARNING Warning indicates a hazardous situation that, if not avoided, could result in death or serious injury.

⚠ CAUTION Caution indicates a hazardous situation that, if not avoided, may result in minor or moderate injury or property damage.

NOTICE Notice indicates important or helpful information and/or user tips.



Fig. 1

Single Template Letters

1. Connect all the letters, numbers, spacers or symbols together to form your custom sign template.
2. Determine the placement of your template on your wood piece. To hold it in place, you can either tape down the top and bottom edges with painters or masking tape, use sticky discs or double sided tape on the under side. In special situations you could tack the templates to your stock. **Fig. 1.**
3. With your plunge router and appropriate guide bushing and router bit, rout out each individual character. For deeper cuts, it is best to make multiple passes, increasing the depth each time. This will eliminate dust build-up and clogging and will also prolong the life of your router bits.
4. To finish your sign, seal it first with a sanding sealer. To highlight the letters, paint them with a contrasting color. Allow to dry and then belt sand any overlapping paint outside the letters. Finish with a Spar Varnish, urethane or oil.

NOTICE

Do not lift the router off the template while the motor is running. If you do, the bit may ruin your template.



Fig. 2 - Sample "LODGE" sign - First Pass

Two-Template Letters

The unique two-template system creates whole letters without splits, leaving center islands perfectly routed. No need to carefully follow the outer edge of the template. Simply let the captured guide bushing do the work. Two-template letters are A, B, D, G, O, P, Q, R, 4, 6, 8, 9, 0, #, & and @.

1. Connect the necessary templates to make your sign. The two-part templates are clearly labeled in the upper left corner (for example: A-1 and A-2). In this example we will route "LODGE". O-1, D-1 and G-1 will be used in the first pass. **Fig. 2.**

NOTICE Place masking tape below the templates to avoid writing on the sign surface when marking the notch location. **Fig. 3.**

2. Securely attach templates to desired surface. As added security, mark location of templates using the notches provided. This may be helpful when removing and replacing templates for proper alignment.
3. Rout first pass, making sure to rout all templates.
4. Replace templates O-1, D-1 and G-1 with O-2, D-2 and G-2. **Fig. 4.**
5. Rout second pass, completing the O, D and G letters.

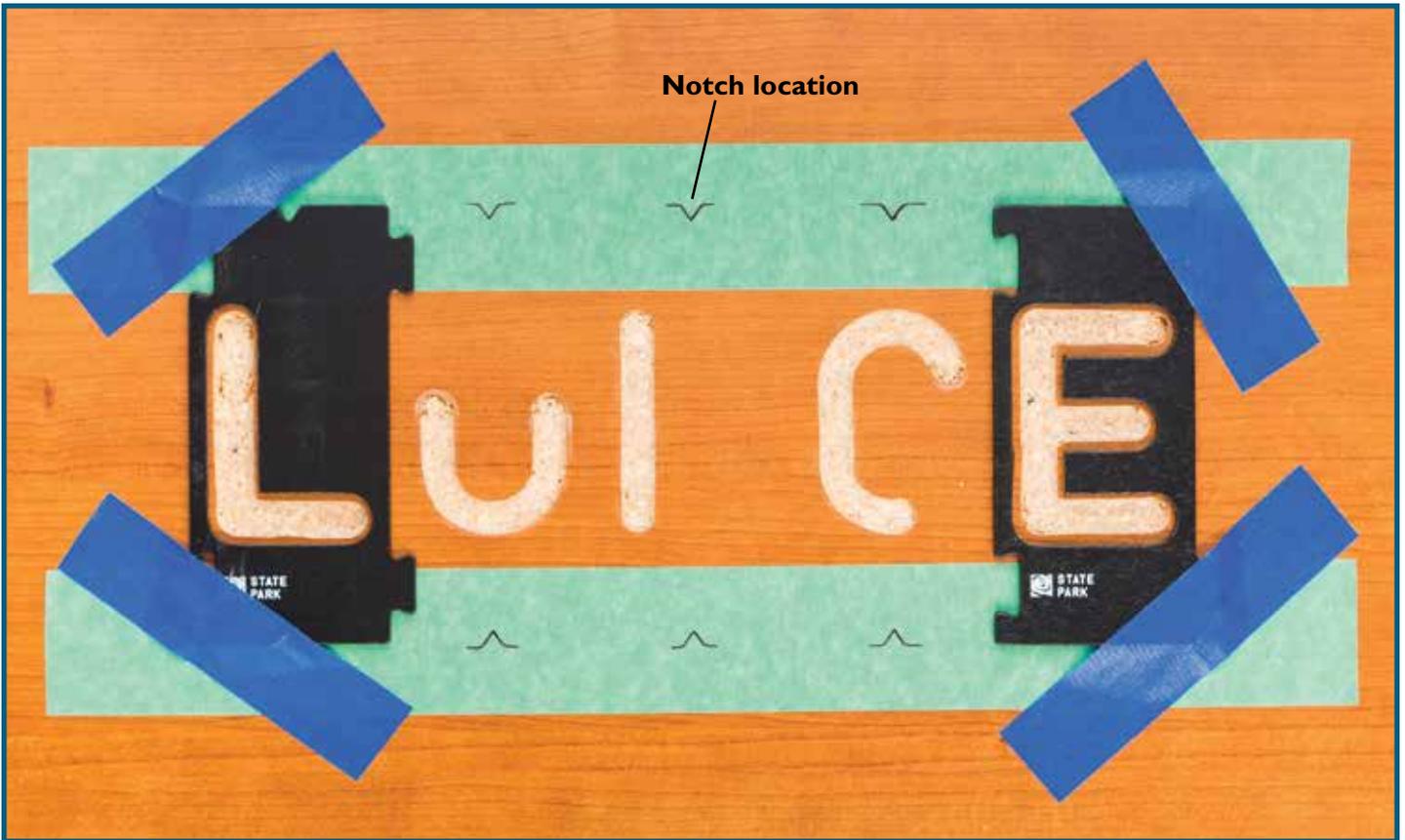


Fig. 3 - Sample "LODGE" sign



Fig. 4 - Sample "LODGE" sign - Second Pass

Two-Letter Combos		Three-Letter Combos		Four-Letter Combos	
AT	AV	ATA	ATJ	ATAT	ATAV
AY	FA	AVA	AVJ	ATAY	AVAT
FJ	LT	AYA	AYJ	AVAV	AVAY
LV	LY	FAT	FAV	AYAT	AYAV
PA	PJ	LTA	LTJ	AYAY	FATA
TA	TJ	LVA	LVJ	FATJ	FAVA
VA	VJ	LYA	LYJ	FAVJ	LTAT
YA	YJ	PAT	PAV	LTAV	LTAY
		PAY	TAT	LVAT	LVAV
		TAV	TAY	LVAY	LYAT
		VAT	VAV	LYAV	LYAY
		YAT	YAV	PATA	PATJ
		YAY		PAVA	PAVJ
				PAYA	PAYJ
				TATA	TATJ
				TAVA	TAVJ
				TAYA	TAYJ
				VATA	VATJ
				VAVA	VAVJ
				YATA	YATJ
				YAVA	YAVJ
				YAYA	YAYJ

<p>Two-Letter Combos: Replace the first letter with Spacer #1 for 1st pass</p> <p>Three-Letter Combos: Replace the middle letter with Spacer #2 for 1st pass</p> <p>Four-Letter Combos: Replace the 2nd letter with spacer #2 and replace the 3rd letter with spacer #1 for 1st pass</p>

Kerning Chart

Optional Letter Kerning

Kerning is the term for spacing between letters. This kit allows you to adjust the space between certain letter combinations giving your sign the proper kerning and a professional look.

For advice on correct kerning, we strongly recommend that you visit the online Sign Making Wizard at Rockler.com. Simply enter your particular word or phrase and the wizard will create a custom routing plan including a visual guide to the sequence of templates with proper kerning and the number of passes required to rout the letters.

If your sign uses any of the 2, 3 or 4 letter combinations listed in the kerning chart provided, adjust your templates for proper alignment.

NOTICE

The notches in the letters are simply alignment guides. If the letter before or after the kerning sequence is removed, the notches can be used to align the letters in each step.

The following examples are for two-, three- and four-letter kerning combinations. These examples also include two-template letters "P" and "A". Fig. 5 - 7.

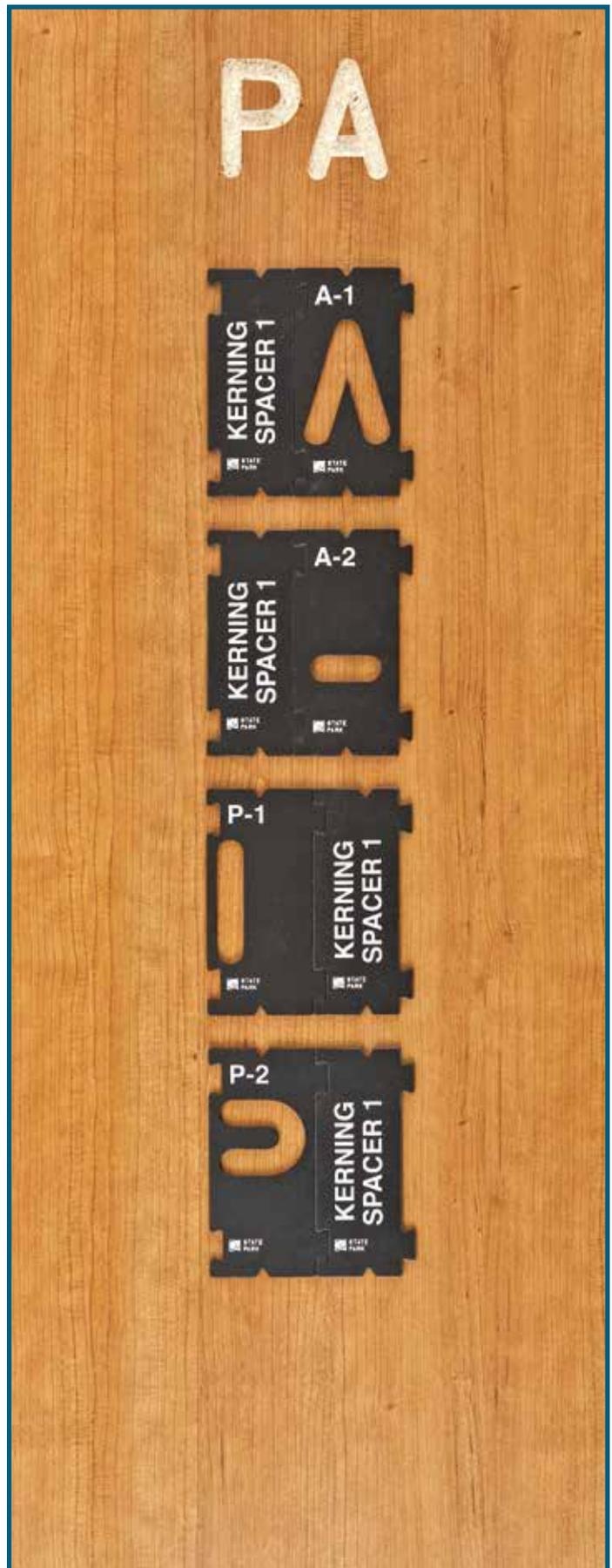


Fig. 5 - Two-Letter Combos

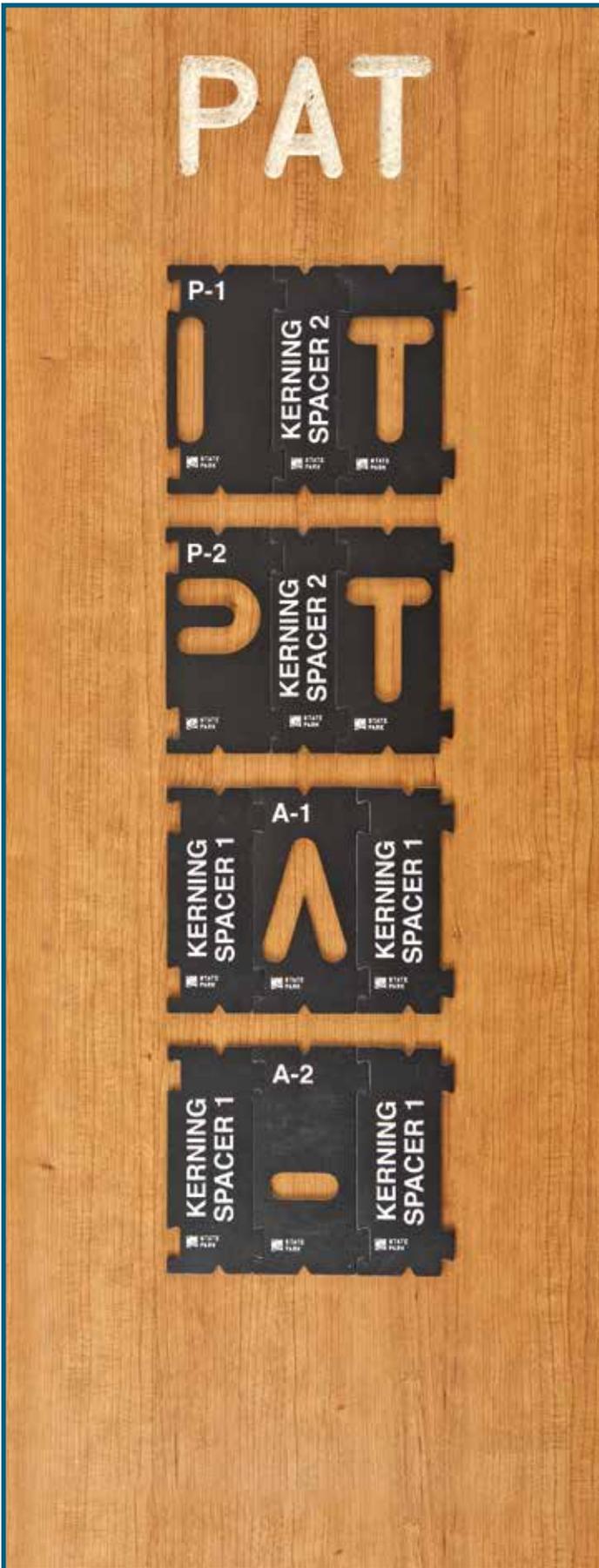


Fig. 6 - Three-Letter Combos

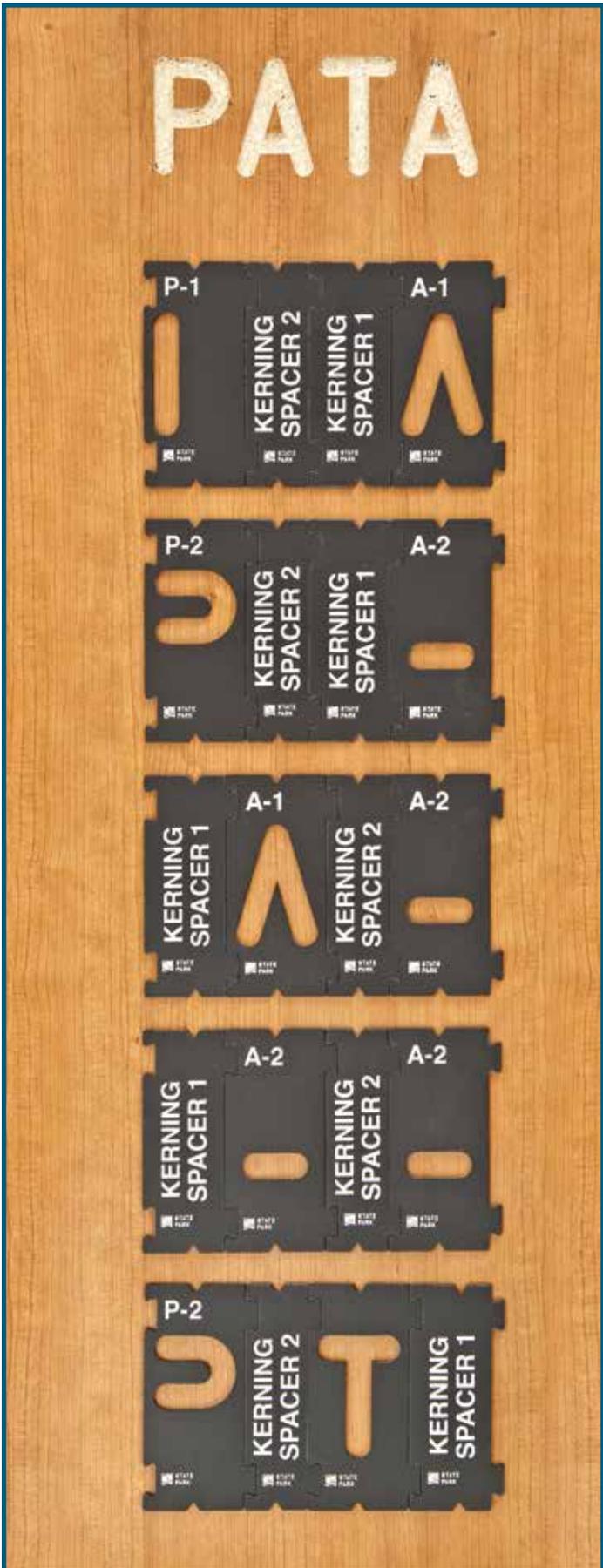


Fig. 7 - Four-Letter Combos



First Pass



Second Pass



Third Pass



Fourth Pass



Finished Sign

Sample Sign

The above images detail the required steps to complete a STATE PARK sign. The highlighted red letters are routed in each pass.

Check Rockler.com for updates. If you have further questions, please contact our Technical Support Department at 1-800-260-9663 or support@rockler.com