



I N V E N T A B L E S .

**X-Carve Pro Waste Board Quadrant
Replacement Instructions**

30927-01

What's Included:

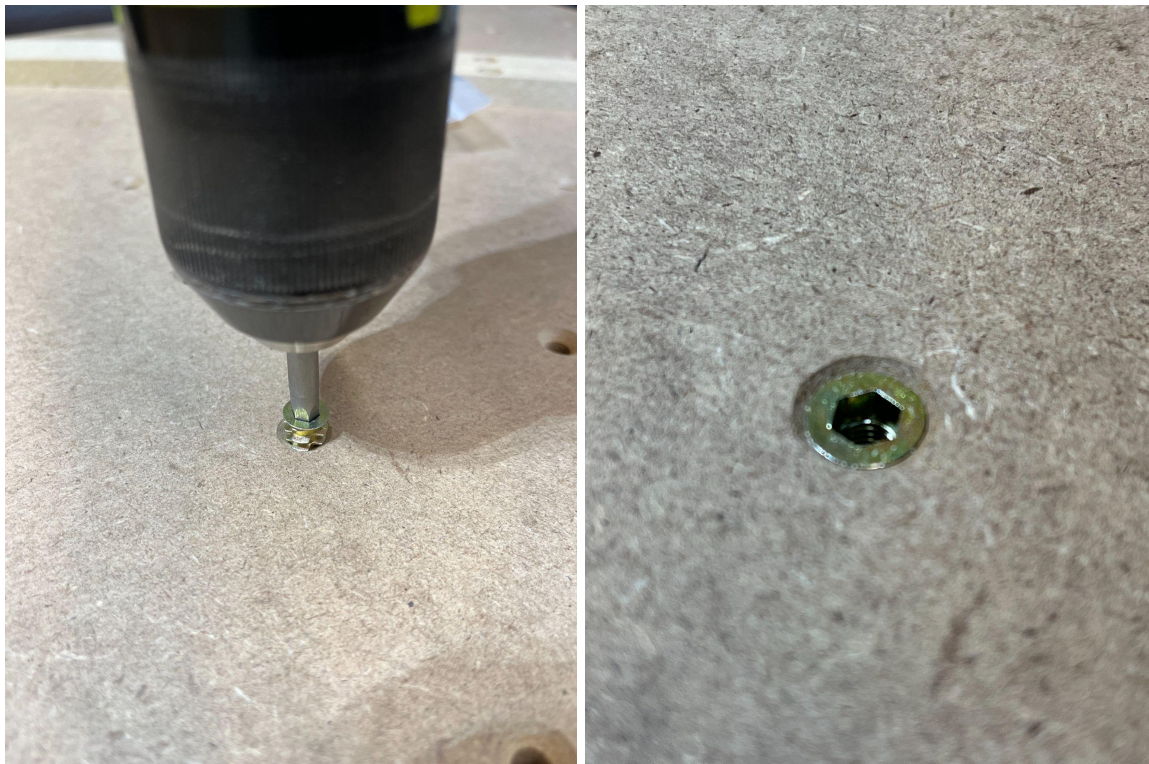
Bill of Materials:

Part #	Description	Quantity
30875-46	MDF Wasteboard Quadrants	2
30875-47	MDF Wasteboard Sides	2
30903-01	M5 Hex Drill Bit	1
30517-18	M5 Threaded Inserts	200

Replacement Instructions

Install Threaded Inserts

1. Using an M5 allen key (included in your X-Carve Pro Toolkit) or the included M5 Hex Drill Bit and a drill, install 64 threaded inserts through the **back side** of each wasteboard quadrant.



2. **Note:** The holes are countersunk such that the threaded insert will sit about 1mm from the plane of the MDF.

Replace wasteboard quadrants

3. Using a 3mm allen key (included in your X-Carve Pro Toolkit), remove the 6 M5x16mm button head screws from each section of the wasteboard you would like to replace. Reserve the screws for installation of the new wasteboard quadrant.
4. Place the wasteboards on the machine, ensuring they are oriented such that the 2 mounting holes are along the Y-axes and t-slot track.
5. Using the 6 M5x16mm screws that were removed in step 2, thread each wasteboard quadrants to the frame in 6 spots using a 3mm allen key. Once all screws are threaded, tighten all screws down.
 - a. **Note:** Be sure to tighten the screws so they are countersunk from the top of the MDF. This will ensure they are snugly mounted to the X-Carve Pro and allow for the MDF to be planed.
6. **Optional:** If replacing the MDF wasteboard strips (included), remove the 2 M5x16 button head cap screws using a 3mm allen key for each strip being replaced. Reattach the new strips.
7. Plane your wasteboard using the 1.25" bit that came with your X-Carve Pro
 - a. [4x4 X-Carve Pro Planing Project](#)
 - b. [4x2 X-Carve Pro Planing Project](#)

For any questions, please reach out to Inventables Customer Success team
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