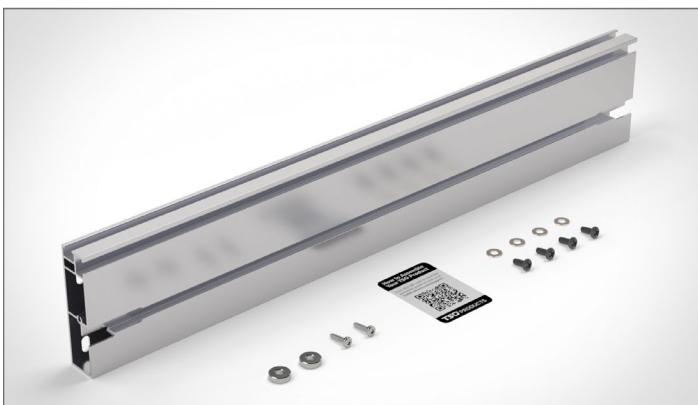


UPGRADED RIP FENCE FOR DEWALT FULL-SIZE JOBSITE TABLE SAWS ASSEMBLY INSTRUCTIONS

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Thanks for purchasing this genuine TSO Product.
Questions? Suggestions? Ideas? We thrive on your feedback!
Contact us toll-free at 800-727-0311 (U.S.), 239-236-5526
(international), email us at info@tsoproducts.com, or visit
www.tsoproducts.com/support for a copy of this guide.

⚠ 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.

ESSENTIAL SAFETY WARNINGS

This product is intended and designed for use only in conjunction with the DeWalt® DWE7491RS 10" Jobsite Table Saw (Types 1, 2, 3, and 10) and DWE7492. Users must consult and fully adhere to the applicable DeWalt instructional manual(s) for their specific saw model, in addition to all guidance and safety information provided by TSO Products for this Upgraded Rip Fence.

⚠ CAUTION

The content of this assembly guide is provided solely for the purpose of assembling the product. It is not intended to serve as a comprehensive instruction manual or to provide guidance on the safe operation of power tools, including but not limited to saws. Users are expected to have full knowledge of and adhere to the safety and operational instructions provided by the manufacturer of any power tools they operate.

Failure to consult the manufacturer's original instructions for safe operation and handling of power tools may result in serious injury, damage, or death. The manufacturer of this product and the author of this assembly guide assume no liability for any injuries or damages arising from improper use of power tools or failure to follow appropriate safety procedures. Always refer to and follow the specific safety guidelines provided by the manufacturer of your tools.

Woodworking involves a variety of injury risks which you can reduce with proper use of Personal Protective Equipment (PPE) and adherence to safe work practices.

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Compatible Table Saws

Before starting, confirm your table saw is listed below.

- DWE7491RS - Type 1, 2, 3, or 10
- DWE7492

To determine the “Type” of your saw, review the product label on the saw. The “Type” designation should be located adjacent to the model number.

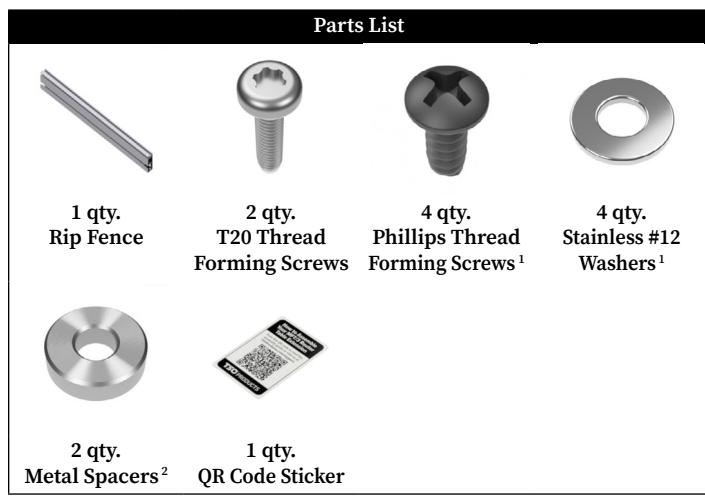
Tools Needed for Assembly

Use the following additional tools to complete all installation steps:

- Phillips #2 Screwdriver
- Torx T20 Screwdriver

What's Included in the Box

Your box should include multiple individual bags of hardware. Ensure you have the following parts and quantities:



Re-Use Existing DeWalt Hardware

This fence installation re-uses DeWalt's existing screws. We include additional *Thread Forming Screws* which can be substituted if you accidentally strip the fence holes.

Step 1: Disassemble DeWalt Fence

⚠ WARNING

Disconnect power by unplugging your table saw before removing, installing, or modifying the rip fence or any accessories. Failure to do so may result in serious injury.



Step 1. Unlock the fence levers located on the front and back of the *DeWalt Fence Assembly*.



Step 2. Lift the *DeWalt Rip Fence* off the table and place on an flat tabletop.

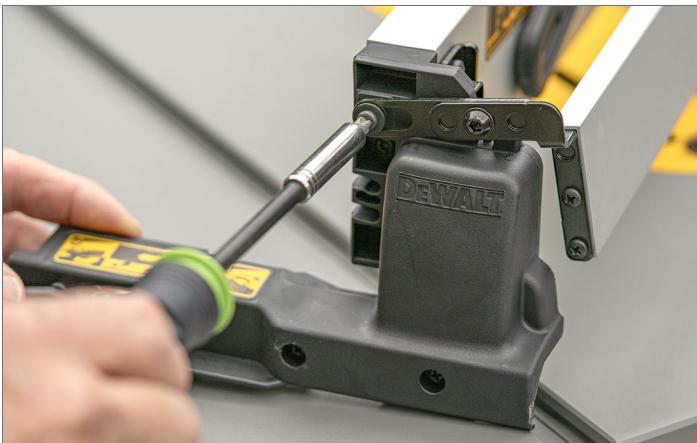
¹Optional replacement hardware if holes in plastic bracket become stripped.

²Only used for attaching JessEm Clear-Cut FLEX Stock Guides to Rip Fence.

UPGRADED RIP FENCE FOR DEWALT FULL-SIZE JOBSITE TABLE SAWS ASSEMBLY INSTRUCTIONS

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Step 1: Disassemble DeWalt Fence (Continued)



Step 3. Remove *Phillips Head Screw* holding the *Stock Support Bar* to the *DeWalt Fence Assembly*. Repeat on the other side of the fence.



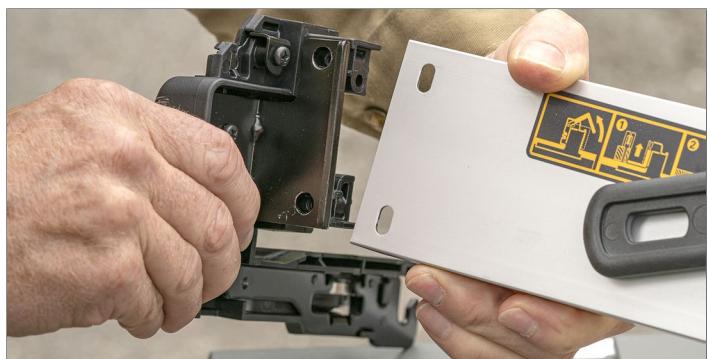
Step 4. Remove the *Stock Support Bar* and set aside.



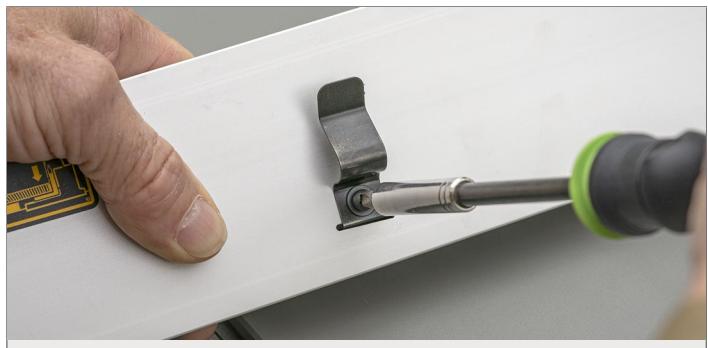
Step 5. Remove *T20 Torx Screw* from the side of the *DeWalt Rip Fence* bracket. Repeat for the other bracket on the opposite side of the fence. *Tip: Use an electric drill or driver on low-speed setting to quickly remove these screws.*



Step 6. Remove two *T20 Torx Screws* from the back of the *DeWalt Rip Fence* bracket. Repeat for the other bracket on the opposite side of the fence.



Step 7. Remove the bracket from the *DeWalt Rip Fence* extrusion by pulling it out. Repeat for the other bracket on the opposite side of the fence.



Step 8. Remove *Phillips Head Screws* attaching both *Push Stick Storage Tabs* on back of *DeWalt Fence Extrusion*.

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Step 2: Install TSO Upgraded Rip Fence



Step 9. Install the *DeWalt Fence Brackets* into the *TSO Fence Extrusion*. Ensure the fence's T-slots are facing outwards as shown in the image above. Repeat for the other bracket on the opposite end of the fence.



Step 11. Using the *T20 Thread Forming Screw* included in the *TSO* product kit, screw through the end of the *DeWalt Fence Bracket* and into the *TSO Fence Extrusion*. This screw taps a thread while screwing, so you will feel more resistance. *Tip: Use an electric drill or driver on low speed setting to speed up this process, but be careful not to over tighten as this could result in damage to the DeWalt Fence Brackets.* Repeat for the other bracket on the opposite side of the fence.



Step 10. Install two *T20 Torx Screws* into the back of the *DeWalt Fence Brackets* and into the *TSO Fence Extrusion*. **Do not fully tighten at this stage.** Note: These screws engage into plastic, so carefully insert and feel for the existing threads to prevent cross-threading and avoid over-tightening as this can strip the plastic. If the holes in the plastic brackets become stripped, replace screws with larger *Phillips Head Thread Forming Screws* and *Washers*. Repeat for the other bracket on the opposite end of the fence.



Step 12. With the *DeWalt Fence Brackets* still loose, mount the *Fence Assembly* onto the table saw and rotate the *fence adjustment knob* to test that nothing is binding and that it smoothly glides across the table.

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Step 2: Install TSO Upgraded Rip Fence (Continued)



Step 13. Fully tighten the *T20 Thread Forming Screw* at the front of the *DeWalt Fence Bracket*. Repeat for the other fence bracket at the opposite side of the fence.



Step 15. Re-attach the two *Push Stick Mounting Tabs* using the slots on the back of the *TSO Fence Extrusion*. Hand tighten.



Step 14. Fully tighten the two *T20 Torx Screws* (or larger *Phillips Head Thread Forming Screws*, if the plastic was stripped) on the back of the *DeWalt Fence Bracket*. Repeat for opposite side bracket.

Step 16. Re-attach the *Stock Support Bar* and tighten the *Phillips Head Screw* at the front of the *DeWalt Fence Bracket*. Repeat for opposite side bracket. Fence assembly is complete.

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Pro Tip #1: Lubricate Stock Support Bar

If the *Stock Support Bar* (the “flip-up bar”) feels difficult to clip into place, release, or makes excessive squeaking noises during use, a small application of lubricant can make a big difference.

Apply a dab of PTFE-based lubricant to the plastic studs to reduce friction and improve overall operation. Be sure to use a lubricant that’s safe for both plastic and metal surfaces—such as Super Lube 92003 Silicone Lubricating Grease with PTFE.

Pro Tip #2: Mounting Stock Guides & Featherboards

For mounting JessEm Stock Guides or other featherboards such as Mini Hedgehogs, use the upper side T-slot. This particular T-slot is designed to be slightly larger to accommodate T-bolts and other common accessory mounting hardware.



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Additional Compatible Accessories

Take your setup further with these compatible accessories that work exceptionally well with the TSO Upgraded Rip Fence:

- **JessEm Clear-Cut FLEX Stock Guides**—Sold in pairs, these guides reduce the risk of kickback by applying simultaneous downward and inward pressure at a 5° angle, keeping your material firmly against the fence. *Your TSO Upgraded Rip Fence Kit includes two metal spacers to accommodate the JessEm’s longer T-bolt studs—ensuring a secure fit.*
- **Mini Hedgehog Featherboards**—Sold in pairs, Mini Hedgehogs have a unique spiral shape and single knob that allows you to adjust it with just one hand. Once mounted to the fence, it works as a hold down to keep your stock firmly seated on the tabletop.
- **Sacrificial Fence for DeWalt Full-Size Jobsite Saws**—Purpose-built for the TSO Upgraded Rip Fence, this CNC-machined MDF sacrificial fence adds an extra layer of protection—ideal when working with narrow workpieces. A smart, shop-tested upgrade that helps preserve your main fence face.

Questions, Comments, or Ideas?

We thrive on your feedback, so please let us know if you have any comments, concerns, feedback, or ideas on how we can continuously improve our products.

We’re easy to reach! In the United States, call us toll-free at 800-727-0311. For our international customers, call us at 239-236-5526. To send us a message, visit us at www.tsoproducts.com or email info@tsoproducts.com, and we’ll get back to you as soon as possible.

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