

Evaluating if Rack Repair Kits are Superior to Replacement Parts

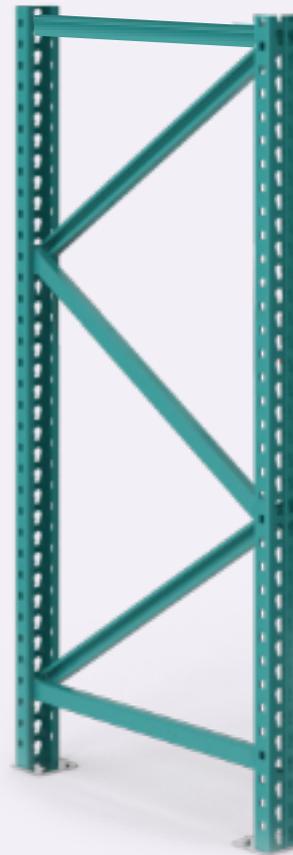
REPAIR

VS

REPLACE



MAC RAK COLUMN
REPAIR KIT



OEM PART COLUMN
REPLACEMENT

The Data Driven Choice for Warehouse Managers Faced with Damaged Rack Columns.

Repair or Replace?



What Replacing Rack Really Costs You

When damage occurs to a warehouse rack, the instinctive response is often to **replace the entire upright**. However, this approach can quickly become a logistical nightmare. The process begins with sourcing a new upright from the Original Equipment Manufacturer (OEM). Depending on the brand and specifications, this can take several weeks, if not months. During this time, the damaged rack remains a liability, disrupting workflow and potentially putting both employees and inventory at risk.

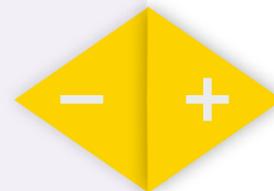
Reassembling the rack is equally time-consuming. Everything must be carefully realigned and resecured according to the manufacturer's specifications. Once completed, the inventory is reloaded onto the rack, taking even more time and labor. All told, a rack replacement can take anywhere from several hours to an entire day. And, once the replacement is in place, it's immediately vulnerable to the same damage that caused the original issue—leaving you in a cycle of costly and disruptive replacements.



Replace = 1 Day

Repair = 20 Min

Estimated Time To Install



REPAIR

Smarter Alternative: Mac Rack Repair Kits

In contrast, warehouse rack repair with **engineered repair kits** offers a faster, more cost-effective, and more sustainable solution. Instead of replacing the entire upright, you can repair only the damaged section, which drastically reduces both time and disruption.

1. Time Efficiency:

One of the biggest advantages of warehouse rack repair is the speed of installation. Mac Rak's repair kits are designed to be installed in under an hour. There's no need to completely unload the rack. Using **Mac Rak's pallet rack jacking system**, only the section directly around the damaged upright needs to be unloaded. The rest of the rack can remain loaded, minimizing the disruption to your operations.



2. 44% lower cost than traditional replacement

The cost savings from choosing repair over replacement are significant. With replacement, you're not just paying for the part—you're also paying for labor, downtime, and equipment rentals. Shipping for replacement parts is often 4x more due to the size and weight. Mac Rak repair kits, on the other hand, are a fraction of the cost. **You save on labor, equipment rentals, and shipping.** In fact, Mac Rak's engineered repair process typically costs 44% less than traditional replacement methods.

3. Engineered for Excellence:

Mac Rak's repair kits are more than just a quick fix—they're a long-term solution engineered to exceed industry standards. Each kit is custom-built to match your existing racking system while maintaining its original load capacity. The kits are fully compliant with



Fast Repair Kit Install



OSHA, RMI, and ANSI standards, ensuring that your repairs meet the highest safety requirements. For over 20 years, Mac Rak's repair kits have been used successfully in major warehouses across the country, proving their durability and effectiveness in real-world applications.

4. Increased Protection and Durability:

Mac Rak's repair kits not only restore the damaged upright but also enhance its durability. Most models include built-in deflectors specifically designed to protect against impacts within the bottom 12 inches of the upright—an area highly prone to damage. The kits are constructed from robust structural steel elements, providing superior protection compared to standard uprights.

Additionally, the repair kits feature a robust footplate that relocates the anchor points to new positions, avoiding any compromised anchor holes from the damaged area. This design ensures that your repaired rack is not only as strong as the original but even more resilient to future impacts.

Compatible with structural or rolled form racks

Available in any color with durable powder coat finish

Bolted, no welding required

Engineered designs to meet or exceed all standards

Front post is reinforced with a backer channel for additional strength

All parts can be customized to any height

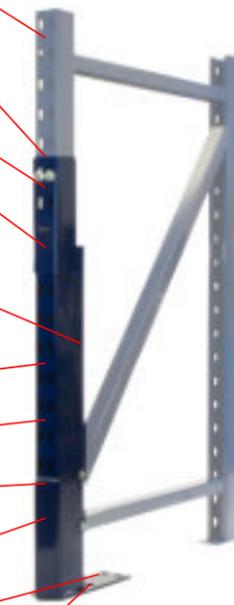
Minimum 3/16" thick tube

Structural steel protectors

V-nose protectors

Over sized footplates disperse impact force to floor

Footplates with 3/8" steel & new anchor points



REPLACE

Full Offloading of Damaged Racks

Once the replacement part arrives, the real work begins. The **entire rack must be unloaded**, which often means temporarily relocating inventory—an activity that increases the risk of product misplacement and requires additional labor. After the rack is emptied, the damaged upright is dismantled. This process involves removing beams, braces, footplates, anchors, bolts, and nuts. For a tall rack, the presence of sprinklers, cables, or other structural elements can complicate the process further, increasing both the time and the cost involved.



REPAIR



5. Universal Compatibility:

One of the standout features of Mac Rak's repair kits is their universal compatibility. Whether your warehouse uses roll-formed or structural racking, Mac Rak's repair kits are **designed to work with any make, model, or punch style**. Additionally, the kits are available in a variety of colors, allowing you to match the repair seamlessly with your existing racking system. This flexibility ensures that no matter your current setup, Mac Rak has a repair solution that fits perfectly.

6. Minimal Disruption:



Minimal
Offloading
Damaged
Racks

With traditional replacement, the warehouse can be out of operation for hours or even days, depending on the complexity of the rack system. Repairing a rack with Mac Rak's kits, however, takes a fraction of that time. The quick installation means **your warehouse can continue operating with minimal downtime**. This is particularly beneficial for high-traffic facilities where downtime can significantly impact productivity and revenue.

7. Compliance and Safety:

Safety is a top priority in any warehouse, and Mac Rak's repair kits are fully compliant with OSHA, RMI, and ANSI standards. **This ensures that your repairs meet all necessary safety regulations**, protecting both your employees and your business from potential liabilities. Additionally, Mac Rak's kits are designed and manufactured in the USA, ensuring top-notch quality and reliability.



8. The Environmental Advantage

Warehouse rack repair is also a more environmentally friendly choice. When you replace an entire upright, you're discarding steel that's often still functional. This leads to unnecessary waste. Repairing the rack means you're only replacing the damaged section, reducing material waste and contributing to a more sustainable operation. In a world where sustainability is increasingly important, this is a benefit that goes beyond cost savings.

Conclusion: Choose to Repair with Mac Rak Repair Kits

When faced with damaged warehouse racks, the choice between repair and replacement is clear. Replacement is a time-consuming, costly, and often frustrating process that doesn't address the root cause of the problem. On the other hand, Mac Rak's engineered repair kits offer a faster, cheaper, and more durable solution that minimizes downtime and prevents future damage.

Contact Mac Rak today to learn more about how our repair kits can keep your warehouse running smoothly and efficiently, without the headaches of traditional rack replacement.



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