

THANK YOU
for your tool
purchase!

Pneumatic Hydraulic Installation Tools TIPS & TRICKS

MAINTENANCE & REPAIRS

- Should the tool not work, **do not try to open the tool!** **Opening the inside of the tool will void any warranty and lead to more costly repairs; it generally makes things worse (not better).** The best path for tool care is to contact our team at RIVET NUT USA™ to initiate the tool repair process (*please ship the tool to us*).
- Depending on use, typically around 100,000 - 500,000 installs, it's time to send the tool in to have our tool lab repair center give it a once-over, including replacing the seals and such.
 - 100,000 installs: Unclean environment and/or installing large fasteners with high install loads.
 - 500,000 installs: Very clean environment and/or installing small fasteners with low install loads.
 - Note: If the tool is being used incorrectly, it could/will stop working after only a couple hundred installs.
- Ask for current lead time on tool repairs: typically 3-6 weeks, expedited repairs available for an additional fee.
- **Rental Tools:** May be available for an additional fee upon customer request.
- **Backup Tools:** Consider purchasing a second tool for backup to avoid line down situations.
- **High Volume Production Cells:** Consider having a dedicated tool for each production cell.

REQUIRED TOOL SUPPLIES

Purchases can be made from RIVET NUT USA™

AIR REGULATOR

- Keep air pressure at 85-90 psi. Over 90 is not great, below 85 is worse. **Regulate to 87 psi for best results.** On a daily basis, remove water from airline. A light oiler on the air line is acceptable. We can sell you an air regulator, water separator, or an oiler.... *please just ask!*
- Our part number for ordering purposes is **4000-4076-1000** (*for more info see back side*).

*Check out our website for more
tool accessories under:*

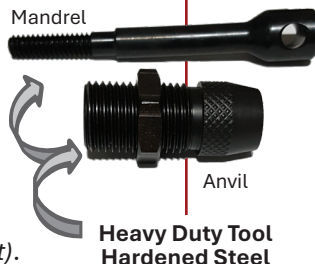
➡ **INSTALL TOOLS**
➡ **RIVET NUT TOOL ACCESSORIES**

TOOL OIL

- **Keep the tool reservoir full!** During regular use, adding a couple drops every day is a good idea. It takes 30 secs.
- Use a hex key to remove the black screw at the middle top of the tool. Drip in oil until full, okay if it slightly overflows, wipe off with a rag. If an air bubble forms in the reservoir, cycle the tool a few times and continue to refill with oil.
- If the oil gets too low, it can ruin the tool if done repeatedly.
 - **Bollhoff Pneumatic Tools:** MOBIL DTE26-ISO68 (SAE20). We can sell you a small bottle, Part Number: **4068/4069-OIL-PINT**
 - **B4107/B4109 (Battery Tools):** Mobil DTE 24 or Mobil DTE 10 Excel 32 (ISO VG 32). We can sell you a small bottle, Part Number: **4068/4069-OIL24-PINT**
 - **Other Tools:** Call us for specific oil recommendations.

MANDRELS

- Mandrels are thread size specific and have a black threaded tip that the rivet nuts spin onto. Mandrels need regular replacement as they wear with use. Mandrels are consumable items, and it is completely normal for them to wear out over time (*it's metal on metal contact*).
- Consider establishing reorder points to not run out and a keep safety stock.



ANVILS

- Anvils are thread size specific and must match the mandrel. They are the black component that the head of the rivet nut presses against.
- Anvils last a longer time than mandrels. Depending on how much importance your company puts on avoiding a line down situation, you may consider keeping one (or two) anvils per tool as backup for safety stock.

INDUSTRY BEST TOOLS | TOOL RENTAL | REPLACEMENT PARTS | TOOL REPAIR

FASTENERS & TOOLS

800.236.3200 | sales@rivetnutusa.com

ISO 9001 Certified | RivetNutUSA.com

*Please visit our YouTube channel for
tool set-up and demonstration videos!*

Youtube.com/@RivetNutUSARivnut

TOOLING ACCESSORIES

Looking for additional products for your new Rivet Nut USA™ tool?
We have all the accessories to support your tooling needs!

INSTALL FORCE CHECKING UNIT

RIVET NUT USA™ Part Number: **4800**

Description:

Load Cell Force Indicator with
Calibration Cert / Base Unit Only
(Thread Adaptors Sold Separately)

Additional Information:

This unit will help quality
departments confirm the actual
install load force (in kilonewtons)
that the installation tool is offering.



AIR REGULATOR

RIVET NUT USA™ Part Number: **4000-4076-1000**

Description:

Brass 1/4" NPT Female Inlet x 1/4" NPT Male
Outlet Inline Air Regulator fits all tools. This is
a single unit.

Single Unit



Additional Information:

This industrial-grade, industry-approved
Airflow Regulator is critical to regulate
any tool to 85-90 PSI.



Unit Attached
to Hose & Tool

AIR CONNECTIONS

RIVET NUT USA™ Part Number: **4000-4076-1500**

Description:

1/4" NPT Female Coupler (threads
into air hose) x 1/4" NPT Male Plug
(threads onto install tool). Inline Air
Regulator fits all tools.

Additional Information:

This is a 2 piece kit.



VERTICAL KIT ADD-ON

RIVET NUT USA™ Part Number: **4090-4076-0301**

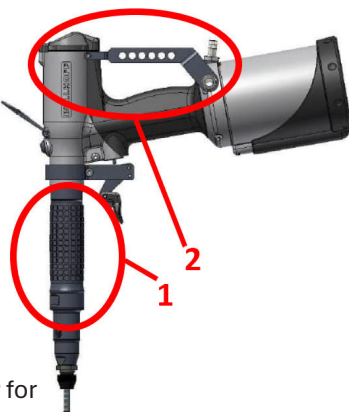
Other tools: call us for specific recommendations on vertical kits.

Description:

For Tools: 4090 (P2007);
4080 (P2005); 4090P (P2007PN)

Additional Information:

This vertical kit gives your trigger
finger a rest, allowing your entire
hand to grip the tool to initiate
the install sequence. The vertical
kit is good for high-volume
installation environments and
pairs well with our **Tool Balancer** for
perfect vertical weightless balancing.



Main Features of the Vertical Kit

1. **Extended nose piece.** Allows installer to use
entire palm of hand to ergonomically squeeze the
trigger vs the standard set up, requiring the use of a
single finger to pull the trigger.
2. **Vertical handle with holes.** Tool will vertically hang
from workspace or ceiling, via a **Tool Balancer***,
pointing down at your application.

(*Tool Balancer is P/N **4000-4076-5320**, see below)

TOOL BALANCER

RIVET NUT USA™ Part Number: **4000-4076-5320**

For Small & Medium Tools

4090 (P2007); 4080 (P2005); B4090 (B2007); 4090P (P2007PN)

RIVET NUT USA™ Part Number: **6703-4076-5321**

For Large Tools & RIVCLINCH® Tools

6703 (P3007); 6703P (P3007PN)

Additional Information:

This tool balancer reel allows the tool to hang at
“zero gravity” in the production cell for friendly
ergonomic ease-of-use.



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