



Hello, my name is "CHIP".

I am the Duncan Bolt tool repair mascot! It's my job to present to you maintenance tips & hints to help you get the most out of your rivet & nutsert installation tooling and keep them working for years to come. I will share with you the proper care and maintenance of your pneumatic, hydraulic and pneudraulic tools!

If you have questions, please email me at toolrepair@duncanbolt.com!

Why Maintaining Recommended Air Pressure is Important

In this first article I would like to discuss the importance maintaining proper air pressure to your air powered tooling. All air powered installation tools have a recommended pressure range that the tool should be operated within. This range is one of several elements an engineer used to develop the tool you are using.



Operating your tool at a pressure that exceeds this recommended pressure can cause a variety of problems. These can include damage to the seals, internal moving parts and can ultimately lead to premature failure of your air tool. Also, if you are using a Pneudraulic type tool (air over hydraulic) at a higher than recommended air pressure, air and moisture could be introduce into the hydraulic system. This would reduce the efficiency of the tool causing it to not set the fasteners correctly.

So, as you can see maintaining proper pressure is very important for overall tool performance and longevity. If for some reason it is necessary to keep your air supply at a greater than recommended operating pressure then you should use an in-line regulator that will reduce the line pressure to an acceptable level. We stock in line regulators here at Duncan Bolt and can preset the unit to work with your line pressure.

To find out what pressure you have we recommend using a pressure gauge at the point where the tool is used. Make certain to use a gauge that can handle the output pressure at your compressor. To verify what the recommended operating pressure is for your particular model tool you should consult the user manual that came with your tool or you can always ask the tooling professionals at Duncan Bolt!

Duncan Bolt is a West Coast Authorized Warranty Repair Center for Alcoa Fastening Systems/Huck Tools and an Authorized Tool Repair Station for AVK.

Contact your Duncan Bolt Sales Representative for more information about tool repairs and rentals, or any of the products and services we provide.



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