

1. Lubricate tools daily with a suitable **MARKALINE** lubricant. (Use Air tool oil for air tools, Nail gun oil for nail guns and Compressor oil for compressors)
2. Drain moisture from filters, airlines and compressors daily.
3. At the completion of daily use put 2 to 3 drops of tool oil into tool inlet and run tool briefly. This will protect against rust whilst sitting idle for long periods.
4. Check tools, air hoses and connections for dirt and leaks before operation. Dust in the air and moisture in airlines when mixed together will create a grinding compound type of effect and cause internal motor damage to tools.
5. Install an in line filter and lubricator of a suitable size that will avoid a volume flow drop. We recommend a 1/2 BSP thread size.
6. Maintain maximum recommended air pressure while running tool. In most cases 90 psi is the recommended air pressure with the exception to Spray guns which will vary considerably. This recommended air pressure must be measured at the tool inlet and it must be remembered that there will be air pressure drop between the tool and compressor. If tools are operated at higher than recommended air pressure the life of the tool will be shortened. This will be most evident with impact wrenches where the hammer mechanism is hitting substantially harder.
7. Use a minimum of 10mm I.D. air hose.
8. Use **MARKALINE** 525 series high volume couplings and adaptors for optimum results. (100 CFM @ 90 PSI) Many other brands only deliver around 25 CFM @ 90 PSI.
9. Low volume and low air pressure will cause tools to operate well below requirements and can also cause tools and compressors to choke and cause unnecessary damage which will not be covered by warranties.
10. Service tools regular and replace parts to extend the life of the tool.
11. Store in a clean dry environment.
12. To extend the life of tools and connectors fit a leader hose to the tool inlet between tool and coupling. This is most important with reciprocating or hammer action type tools. (e.g. Impact wrenches, nail guns, saws, riveters, chisel and needle guns). This prevents couplings to be blown apart in a very short period.
13. When using accessories make sure rated speed for accessories is equal or greater than the tools speed. (e.g. Sanding pads, sockets, grinding discs, carbide burrs etc.)
14. Impact wrench advertised torque specifications are not necessarily the same as what you would read by carrying out a comparison using a calibrated torque wrench. There are many variables that effect the performance of an air impact wrench. Some of the reasons for torque drop off follows. The actual compressor CFM, air hose size, type of connectors used, length of piping between compressor and tool inlet, age and condition of compressor and tool, just to mention a few areas to consider.
15. Safety: Always wear safety glasses, suitable clothing, ear protection, respirators. Always turn off air supply before breaking connections and carrying out maintenance on the airline.

Warranty

MARKALINE Air Tool products are warranted for 3 months from date of sale. The warranty covers faulty workmanship and materials only. **This warranty does not include wearing parts or accessories such as chisels, chucks & keys, collets, retaining springs, blades, pads, sockets, air couplings & adaptors etc.**

Products which are being claimed for warranty are to be returned to Active Industrial Agencies Pty Ltd freight prepaid with adequate proof of purchase and details relating to the relevant problem being experienced.

Warranty does not apply to products that have been abused, misused or modified. Active Industrial Agencies Pty Ltd sole liability under this warranty is limited to the repair or replacement of the defective product. The decision to repair or replace remains solely at the discretion of Active Industrial Agencies Pty Ltd only. The repairs or replacements are warranted as above for the remainder of the original warranty.

Please refer to the above Air Tool Tips before returning any product for a claim.