

# Air Tool Maintenance Tips



## Drain Tank

Air under pressure condenses moisture in the bottom of the tank and throughout the airline system. Under average conditions of 75°F and 75% relative humidity, a compressor will take in about 18 gallons of water vapor a day! This moisture gets in to the air tool causing the internal components to rust which leads to loss of power and premature tool failure.



## Filter-Regulator-Lubricator (FRL)

Using a filter-regulator-lubricator is a simple and dependable way to add life and efficiency to the air tool.



## Check psi

Impact tools usually require a minimum of 90 psi operating pressure. Check manufacturer's recommendation. Check the air pressure at the tool while it's operating. An air leak that can be heard is costing money and the air tool is losing power.



## Warning Signs of Wear

Worn sockets and worn impact tool shanks drastically reduce tool life. When the beveled portions of the tip of the shank become worn, sockets don't fit correctly. A loose or sloppy fit quickly rounds the socket's opening. Old, rounded sockets on a new tool shank quickly damage the bevel for the same reason. Always purchase new sockets with a new wrench.



## Oil Daily

The #1 contributing factor to air tool failure is lack of lubrication. Extend tool life by adding a drop of an approved air tool oil (45250) directly into the tool whip hose or air inlet and run the tool for one or two seconds to disperse the oil in the tool. Oil tools at the beginning and end of the day.



## Install a Whip Hose

Never install a coupler directly to the air tool. Use a whip hose to improve flexibility as well as reduce strain on the coupler and plug. In addition, most damage to the airline occurs within 2 to 4 feet of the air tool and a whip hose is more cost effective to replace than an entire length of hose.



## Keep Tools Clean

A dirty tool results in power loss and shortened tool life. Inspect the air screens periodically. Use a protective tool cover to reduce damage caused by accidentally dropping and other abuse.



## Don't Exceed Limit

Use penetrating oil on rusted nuts. If an impact wrench does not loosen a bolt or nut in 3 to 5 seconds, stop. Use a penetrating lubricant (11053) and try again. If necessary, use a more powerful impact tool.



## Use a Conditioner

Dirt and calcium build-up within the air tool causes a loss of power over time. Air tool conditioner (45201) cleans the internal components, restores the tool to peak performance and extends tool life. Simply spray air tool conditioner in the bottom of the tool for three to four seconds and let it sit for 15 minutes. Run the impact with a towel over the exhaust port to remove the contaminants.

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