



# AirMax™ Mach 3 Lubrication

*Proper lubrication improves both performance and parts life.*

## Lubrication

Proper lubrication of the AirMax™ power unit is an important part of daily operation. It is essential to maintain a proper amount of lubrication inside the power unit while the tool is running. The absence of proper lubricant will destroy the vanes and cause premature wear on cylinder parts. In addition, be sure the air pressure and volume are optimal and the air supply is clean and dry.

## Daily Checklist

1. Constant air pressure of 90 psi (6,2 bars). Do not exceed 100 psi.
2. Air volume is 14 cfm (396 lpm).
3. The filter bowl (on FRL) should be drained and the lubricator refilled with [Bettcher Whizard® Food Grade Multipurpose Oil](#) (Whizard Oil - Part #103603).
4. Lubrication on FRL is set at three drops per minute.

## After Every 80 Hours

1. Completely disassembly the power unit. Disassembly information on this can be found on the following pages.
2. Lubricate the gear head by injecting [Max-Z-Lube™](#) high performance grease into Gear Head Assembly. See *Figure 2* on this page. Max-Z-Lube Part #184282.
3. Lubricate air motor with Whizard® Oil through the exhaust ports. *See Image Directly Below.*



**1**  
**Inspect the seal plate for nicks, dents or wear. Inspect the O-Ring seal for cracks or cuts. Replace if damaged.**



**2**  
**Re-grease gear head using Max-Z-Lube grease every 80 hours. The new grease will push out the old, dirty grease. Part #184282**



### [Max-Z-Lube Lubricant](#)

is a high performance lubricant that provides valuable protection for moving parts. This super slick formula provides optimum protection from friction, oxidation and high temperatures. This is the best lubricant for your AirMax® motor.

Order Part #184282.