



# Smith & Loveless Inc.

## Top Mounted PISTA® Turbo Grit Pump Tune-Up

The top mounted **PISTA**® Turbo Grit Pump, like any other pump, needs some maintenance, so lets look at upgrades and maintenance tips. The number one thing you need to inspect is the vacuum priming system. The system works day in and day out, but also requires a few hours of maintenance annually.



First, install a PSI gauge in the ¼" NPT gauge port on the pinch valve. If this is set to 40-50 PSI, depending on temperature, you can monitor the system for bladder damage. This set point is adjustable by loosening the lock nut on the adjusting thumb wheel. To increase pressure, turn the knob in small increments clockwise. To decrease pressure, turn the knob counterclockwise. Adjust until designed pressure is achieved. Remember never to exceed 55 PSI. Next, install a compound gauge on the vacuum system. (For more information, see pages 16 and 17). Some fittings may have to be obtained at the hardware store. With these two gauges, your problem can be easily resolved, if and when it occurs. Remember you can convert from either flooded suction or airlift to a top mounted design.

Call your local representative for pricing.



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