



VARIAN HS 602 major rebuild service

PART	QTY
Anti-Suckback Valve Shutter	1
Yellow Coupling Element	1
SS Filter Screen	1
Buffer Foot	2
Casing Gasket, Cork	1
Inner Ring Shaft Bushing	1
8.73mmx1.78mm Viton O-Ring	1
3.0x1.0mm Buna O-Ring	2
1.78x1.78mm Viton O-Ring	2
10.82x1.78mm Viton O-Ring	1
13.3x2.4mm Viton O-Ring	1
15.6x1.78mm Viton O-Ring	2
2.9x1.78mm Viton O-Ring	2
33x2.5mm Viton O-Ring	1
47.22x3.53mm Viton O-Ring	2
49.5x3mm Viton O-Ring	1

PART	QTY
61.6x3.5mm Viton O-Ring	1
Felt Pad	1
Cotter Hairpin Pin	1
6x12mm Dowel Centering Pin	4
SS E-Clip Ring	1
15x24x7 Viton Shaft Seal	1
SS Compression Spring	1
SS Complete Exhaust Valve Spring	3
Special Ends Torsion Spring	1
Vane Spring	2
Buna Valve	1
Viton Exhaust Valve	3
1st Stage Vane	2
2nd Stage Vane	2

Ideal Vacuum Products Technician cleans and inspects internal components for potential problems or damage. If any additional work or parts are needed, other than those listed above, he will notify the service representative, who will then re-quote the customer. Work is halted until customer approval is received. Otherwise, the pump is rebuilt and tested thoroughly for 3 days.

Each rebuilt pump is tested for quality control by recording it's ultimate vacuum pressure, the motor's amps, and the noise level of the pump. In many cases, we also record a pump-down chart using our computer data acquisition system, which collects the vacuum pressure in our 11 liter vacuum test chamber vs. time as the pump evacuates from atmospheric pressure to it's ultimate vacuum level. Once the pump passes our inspection and testing, it is cleaned one last time and is tagged with warning labels. The pump is then packaged for shipping.

