

VN4MP- PISTON/DRIVER REPLACEMENT INSTRUCTIONS

PART #298420060

NOTE: *It is always recommended to wear safety glasses whenever servicing any piece of equipment*****

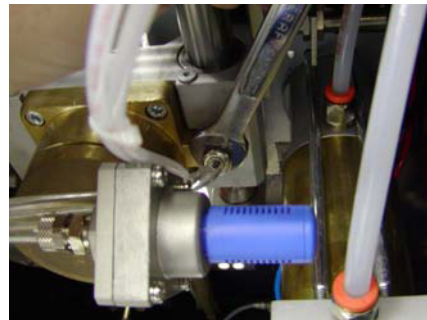
1. Disconnect the air supply from the machine



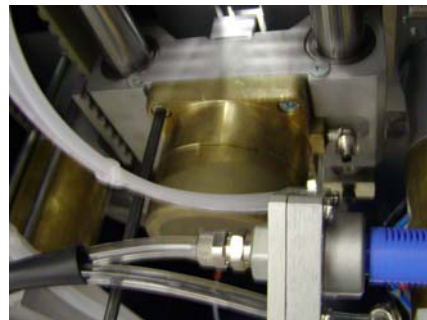
2. Loosen the floor stand adjusting handle and tilt the machine top back completely.



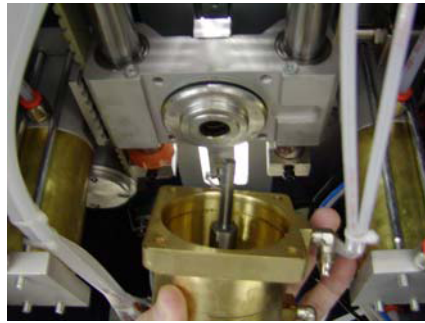
3. With a 14mm metric wrench or crescent wrench, remove the air line (furthest from you) from the driver cylinder (Brass-colored)



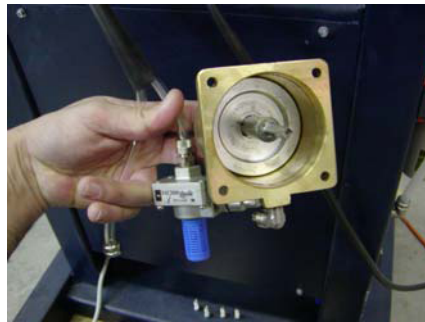
4. Using a 5mm allen wrench, remove the 4 allen head cap screws that hold the driver cylinder assembly together.



**5. Remove the lower driver cylinder half.
(Brass-colored machine casing)**



**6. Remove the V-Nail piston/driver assembly
from the bottom cylinder half.**



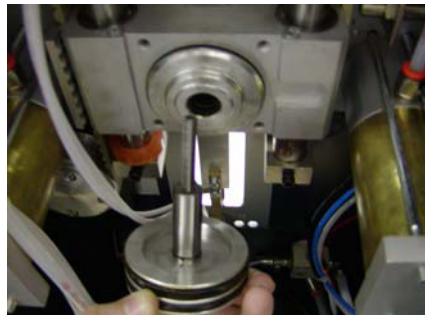
**7. Clean & re-grease the cylinder bore. After
cleaning apply a very light coat of lithium
grease. Note: High Speed bearing grease is of
no value. Standard grease is preferable. Be
sure to smear a little grease in the O'ring seal
(on the cylinder half, still in the machine) to
make it easier on assembly.**



**8. Apply a liberal amount of grease on the lip
seal and O'ring of the driver piston as well, if
it's dry.**



**9. Install the new driver assembly into the TOP
half of the cylinder that is still attached to the
machine.**



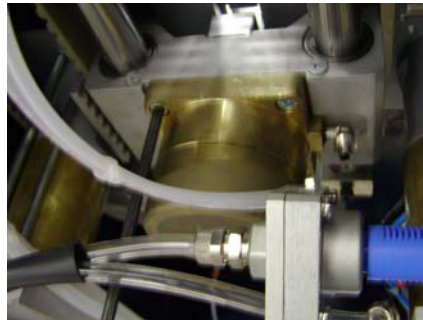
10. Be sure the raised V-portion of the driver is facing the same direction as the V-Nails®. With the machine tilted back, the point of the “V” should be facing down, towards the floor. Push the driver up into the cylinder completely, then look at the top of the machine. You should see the driver extending through the V-Nail® guide, and can see if the V- portion is positioned correctly.



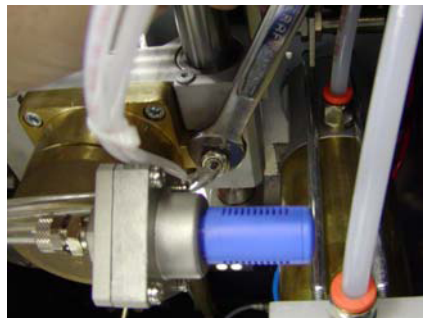
11. Re-install the lower cylinder half, over the driver piston and O’ring seals on the upper cylinder half. It may be necessary to twist the cylinder half that’s in your hand, just slightly back & forth to seat it. Be sure the air fitting is facing the right direction.



12. Install and tighten the 4 allen head cap screws with the 5mm allen wrench.



13. Re-install the air line into the air fitting using the 14mm metric wrench or crescent wrench.



**** Before connecting the main air supply, recheck all of the connections to confirm the proper installation.**