

PEARL

Elite Pretreat machine solenoid replacement/disassembly and cleaning.

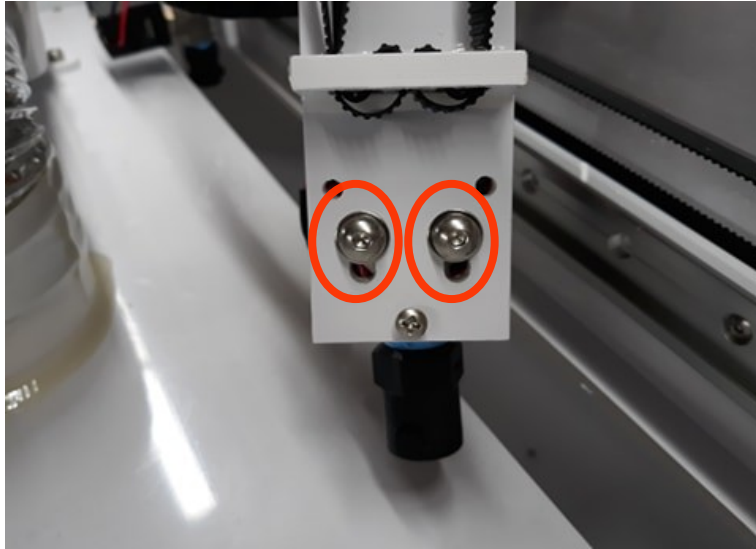
First remove top cover of machine by removing all screws around the top perimeter with a #0 square drive bit, then loosen the pulley and disconnect the belt by loosening the screw and bolt circled in the pictures below with an 1/8th inch hex key and a 3/8th inch wrench.



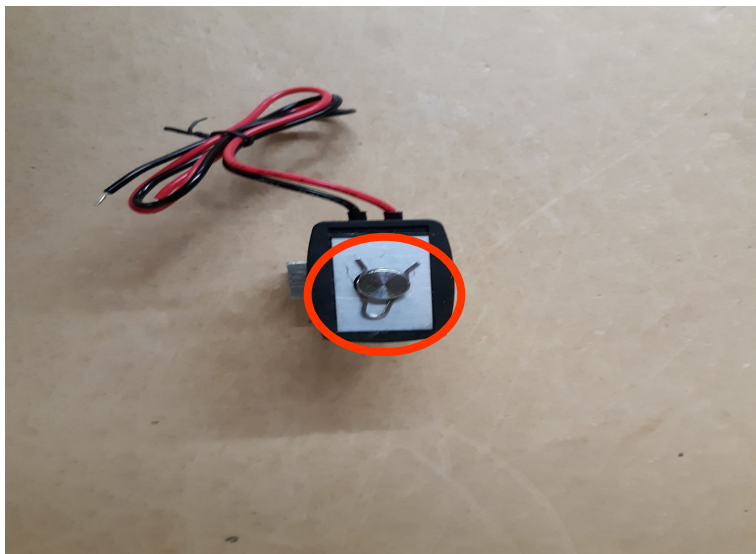
Remove cart from rail by removing the two circled screws pictured below with a 2.5mm hex key.



Remove solenoid from cart by removing the two circled screws pictured below with a 3mm hex key.



After you have removed the solenoid from the cart you will need to remove the retention clip with needle nose pliers to separate the valve body from the coil. (Solenoid wire does not have to be disconnected)



Once you have the clip removed set it aside along with the top plate. Pull the valve body from the coil And set aside the 2 of the 3 washers from under it aside with the clip and top plate for reassembly.



Now that you have your valve body separated from the coil you will need to remove the core using an adjustable spanner and clamp or vice as pictured.



Once removed the core will come apart as two pieces with a spring in between them. They may be stuck together with pretreat but should come apart with a little force or scrubbing.



Be sure to clean all parts of the core and valve body with a wire brush and flush thoroughly with water. once all parts are clean reassemble the core and then hand thread the core back into the valve body and re tighten with adjustable spanner.

Pictured below and on next page are clean and dirty valve body and core assemblies for comparison.

Clean



Dirty



Clean



Dirty

