

Skid Lock/Unlock Station – Maintenance & Service

This section will describe service procedures for major mechanical elements of your Gantry Box Lift.

WARNING

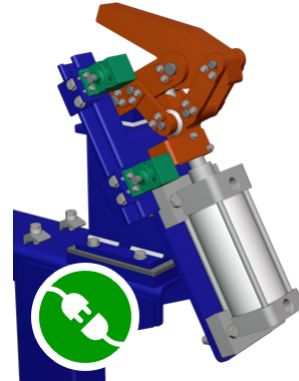
Only qualified and trained personnel should perform the disassembly and assembly of electrical and mechanical components.

Replacing an Air Cylinder

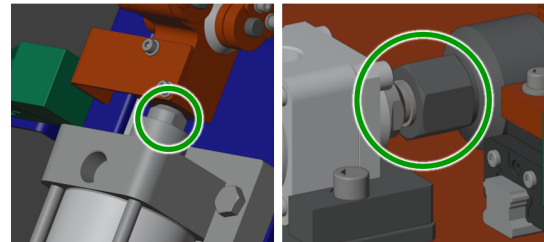
- 1 Lock out power to the station and depressurize all pneumatics to 0.



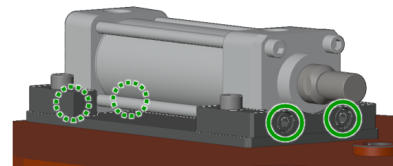
- 2 Disconnect all cables, wires, and tubes from the air cylinder to be replaced.



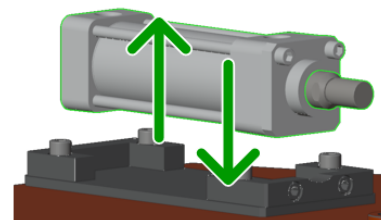
- 3 Using a wrench, unscrew the cylinder rod to separate the cylinder rod from the rest of the assembly



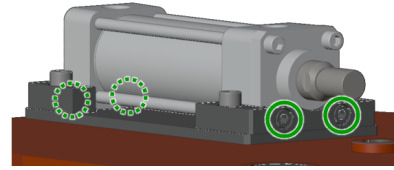
- 4 Loosen the 4 bolts that hold the cylinder in place on its mounting brackets.



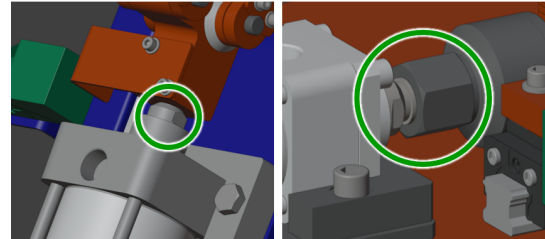
- 5 Remove the old air cylinder and replace with the new unit.



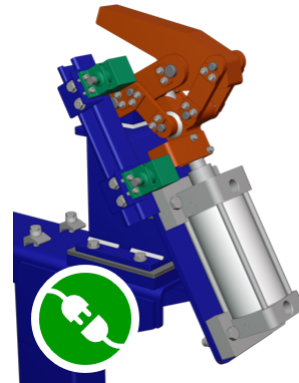
- 6 Retighten the 4 bolts that hold the cylinder in place on its mounting brackets.



- 7 Using a wrench, thread the cylinder rod back into position on its clamp head or alignment coupler and tighten.



- 8 Reconnect all cables, wires, and tubes to the new air cylinder.



- 9 Restore power to the system. Cycle the air cylinder and verify proper function. Correct if necessary.



- 10 Remove all tools and equipment from the area before removing lockouts and restoring the system to service.

