

## Installing the Solenoid Cable Retrofit

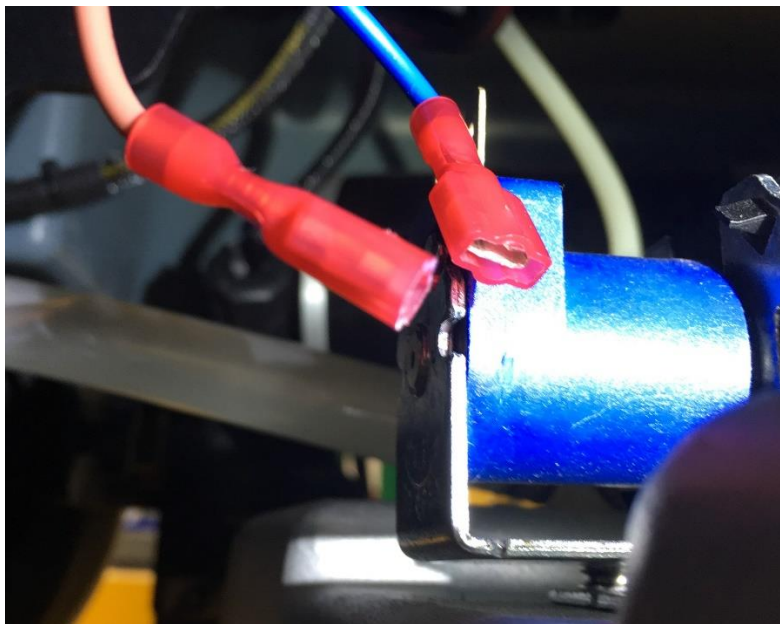
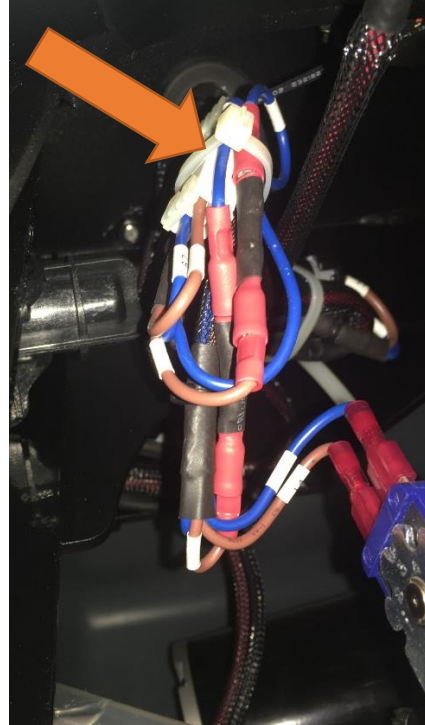
Power on the machine, press the one touch button, followed by the vacuum button, to lower the scrub deck and turn off the vacuum. Power off the machine.



Remove the right side squeegee and right side brush.



Cut the zip tie around the solenoid cable bundle and unplug the spade connectors on the solenoid valve.



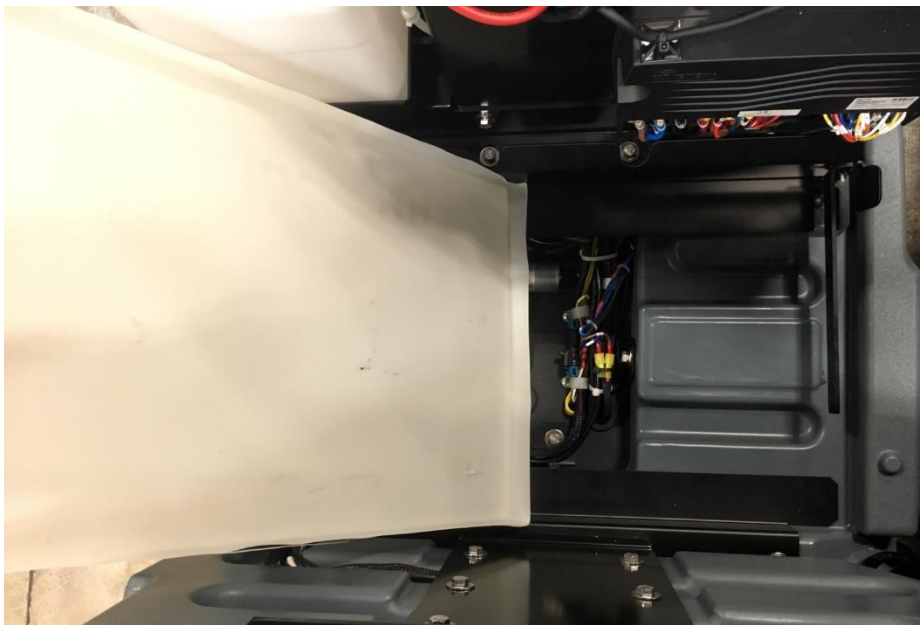
Lift the seat, decouple the seat connector and the red battery connector.

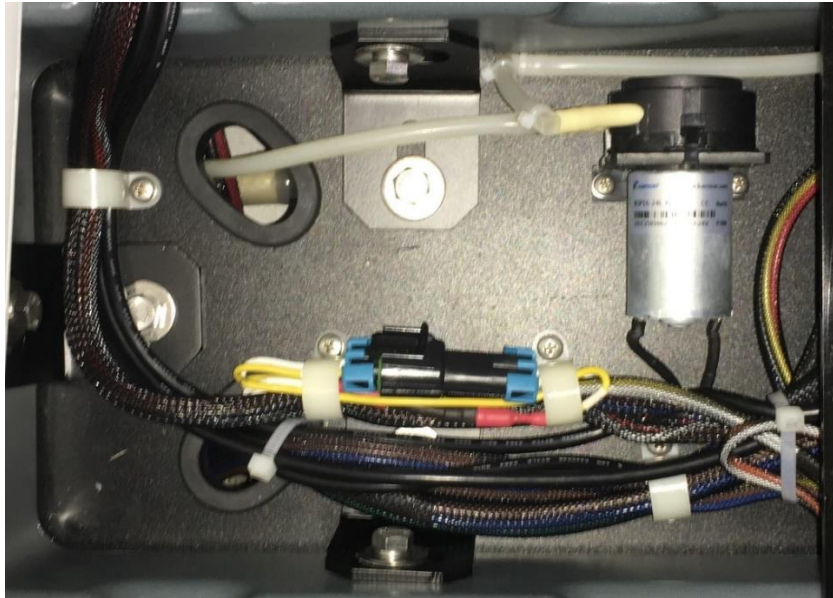


Remove the seat. Use a size 13 mm socket and remove the two bolts shown below, then lift the housing straight up and off the scrubber unit.



Remove the batteries from the scrubber and pull out the bottom tray.

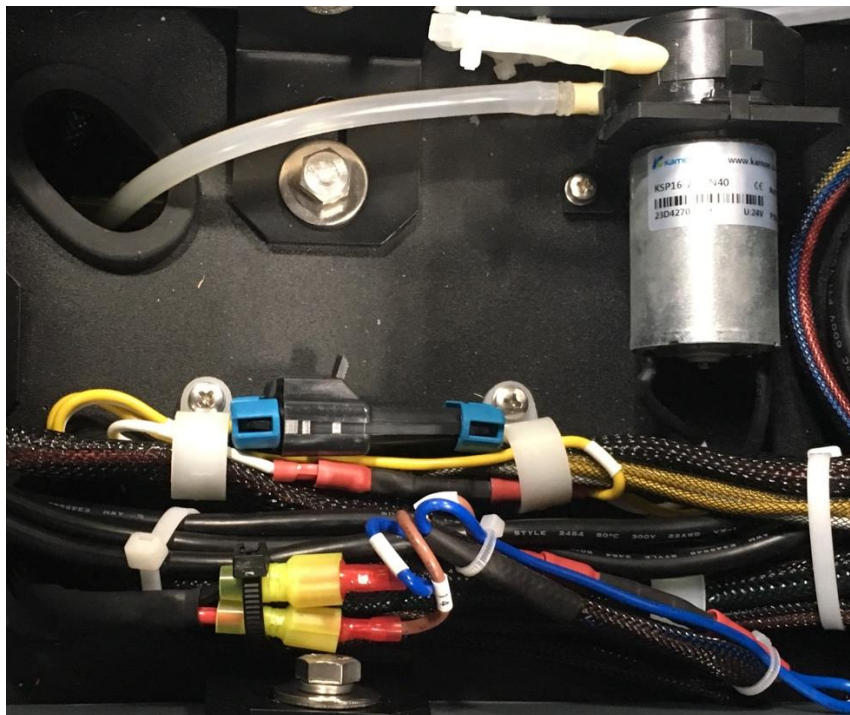
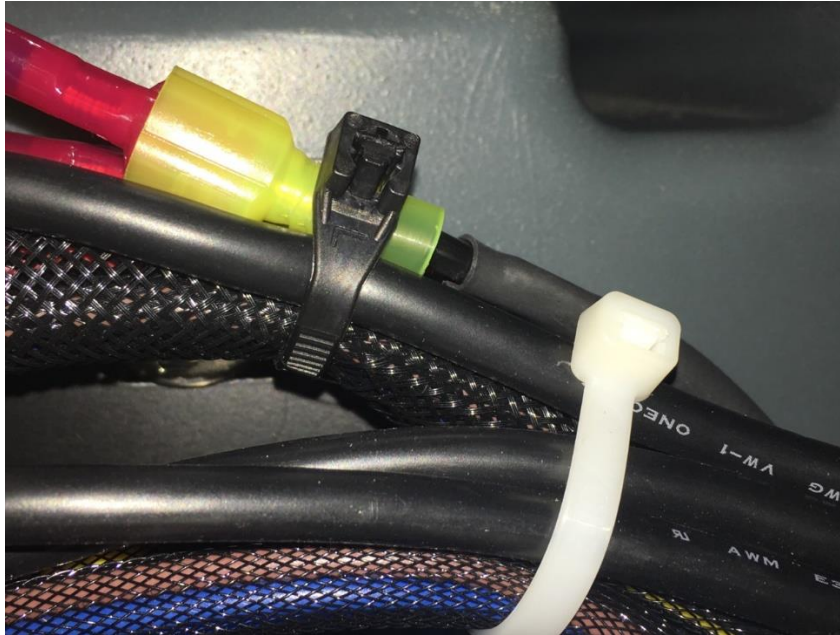




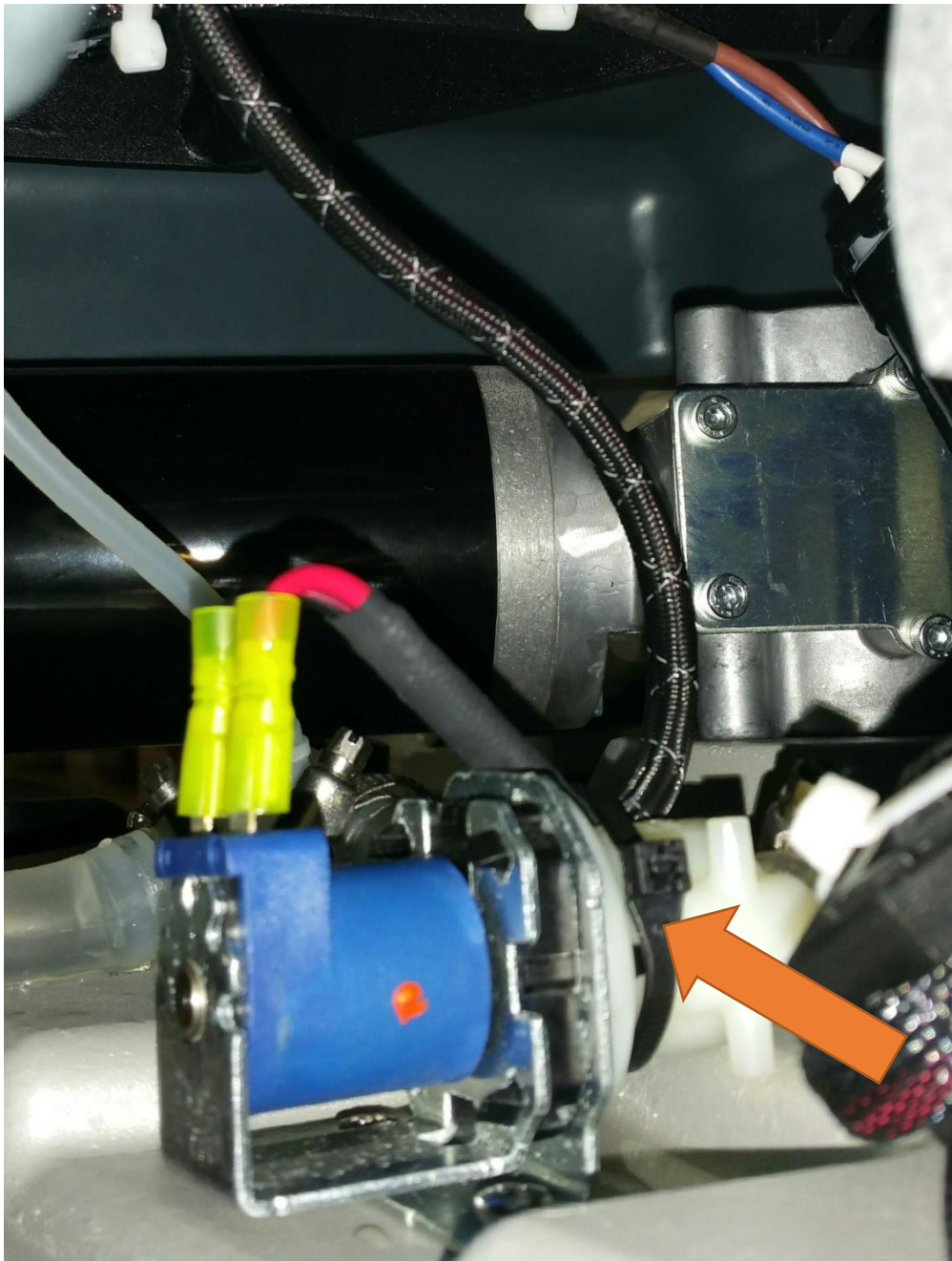
Feed the disconnected solenoid wires up through the hole and into the tray. Feed the new extension cable down through the hole.



Zip tie and dress the wires as shown.



Plug the wire harness into the solenoid valve terminals (polarity does not matter). Route the bundle as shown and zip tie it to the solenoid valve at the location indicated below. It is easiest to do this without removing the solenoid valve, but it can be removed if necessary (see end of this document). There should be enough slack to allow the scrub deck to raise and lower comfortably.



The scrubber can now be reassembled. When reinstalling the battery terminals, the following torque specs should be satisfied:

Fullriver AGM Blue Battery

No Lubrication: 65 inch lbs.

Trojan HD Red Battery

No Lubrication: 105 inch lbs.

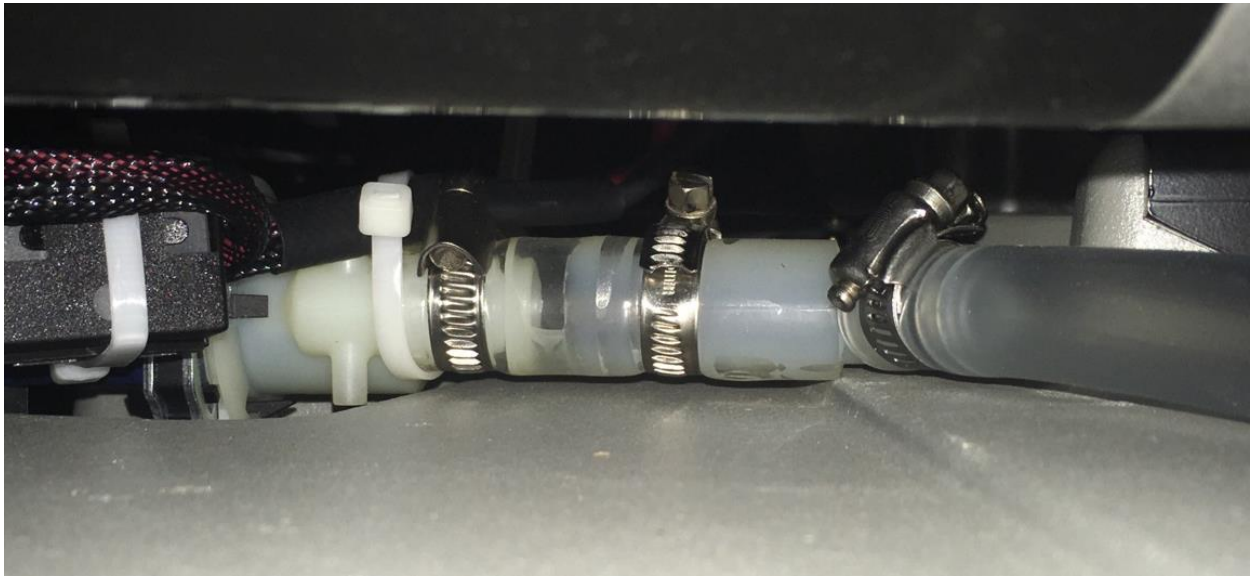
Lubricated: 70 inch lbs.



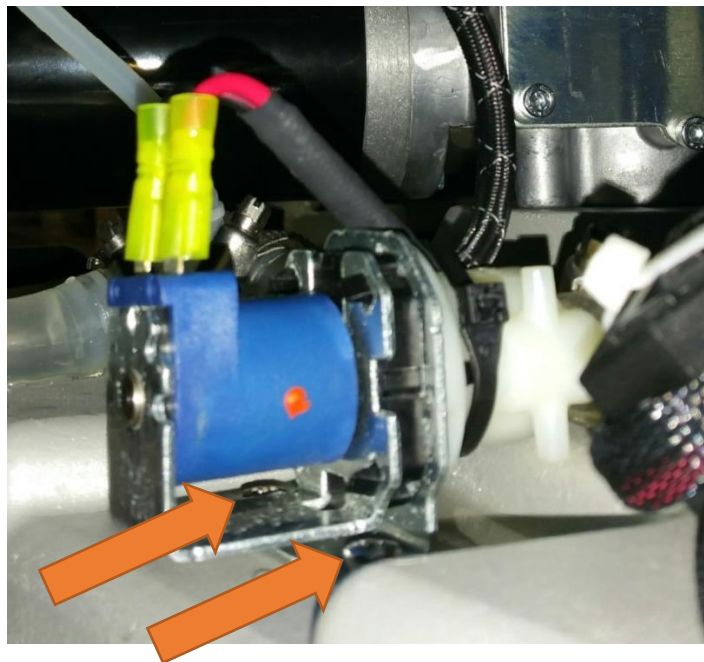
Be sure to replace the terminal covers.

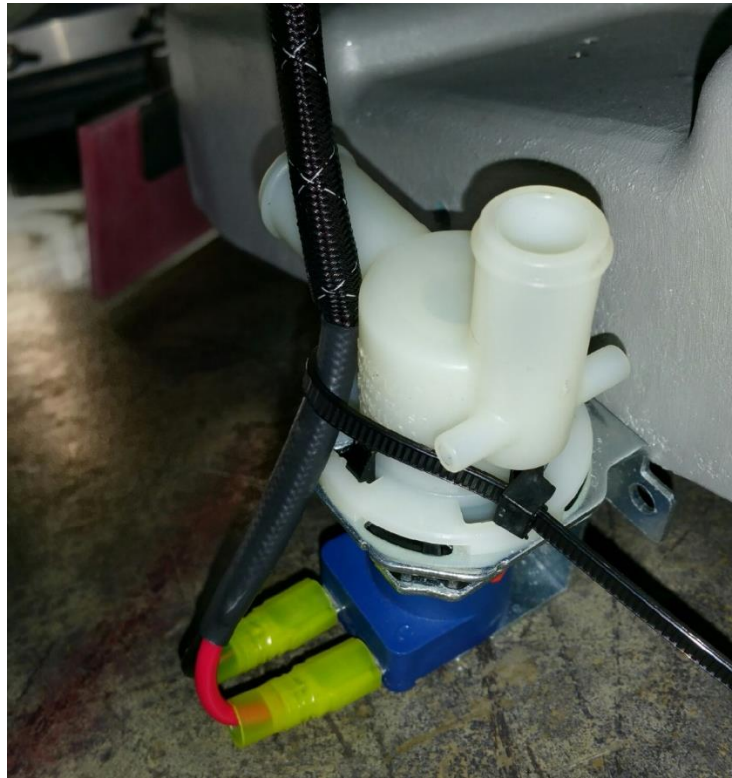


If the solenoid valve needs to be removed, the clean water tank must first be emptied. Any zip ties will need to be removed, the two hose clamps loosened and the hoses disconnected from the solenoid body.



Remove the two screws that secure the solenoid to the scrubber.





Ensure that the harness is zip tied as shown. Be sure to reconnect the solenoid to the scrub deck by securing the two screws and plumbing.

