

STEELGREENTM

MANUFACTURING

INSTRUCTION MANUAL

SGXL HOPPER ATTACHMENT

Models: SGXL



SGXL HOPPER INSTALL

WARNING!

Be sure the tank is drained before attempting any of the following steps.

NOTE: *If your machine is equipped with a belt drive spray pump, refer to BELT DRIVE EQUIPPED instructions*

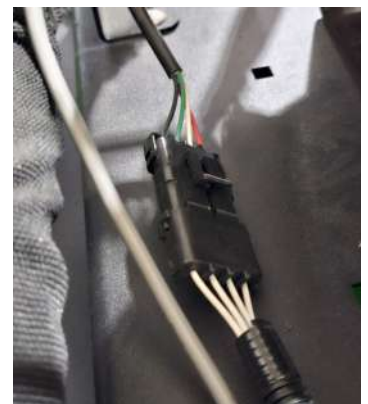
HYDRAULIC SPRAY PUMP EQUIPPED

STEP 1:

- Once the tank is drained, disconnect the hydraulic and spray hoses.



- Unplug the KZ valve and pressure sensor.



SGXL HOPPER INSTALL

BELT DRIVE SPRAY PUMP EQUIPPED

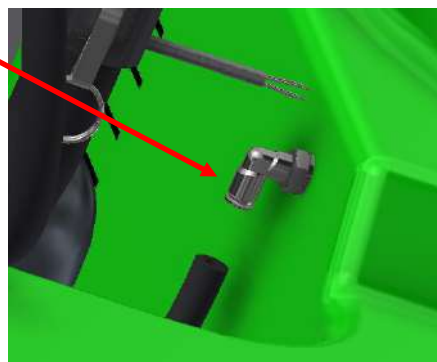
- Be sure the valve is closed and disconnect the hose.



- Disconnect the return hose from the KZ valve.



- Disconnect the relief tube from the push-lock fitting.



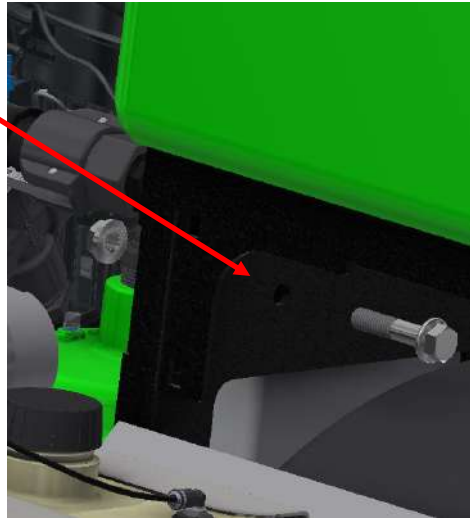
- Unplug the KZ valve and pressure sensor.



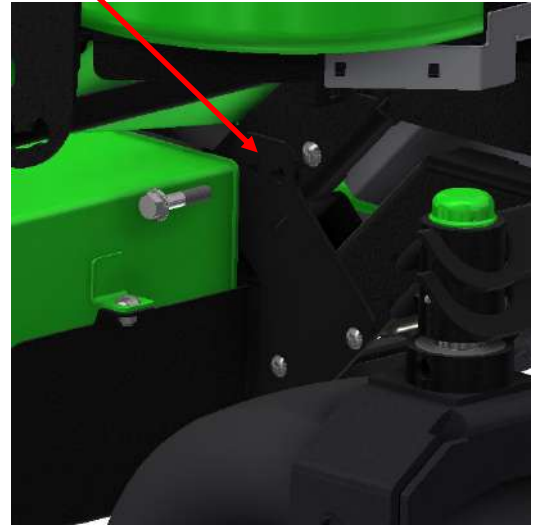
SGXL HOPPER INSTALL

STEP 2: Remove the (4) bolts securing the spray system to the frame.

REAR



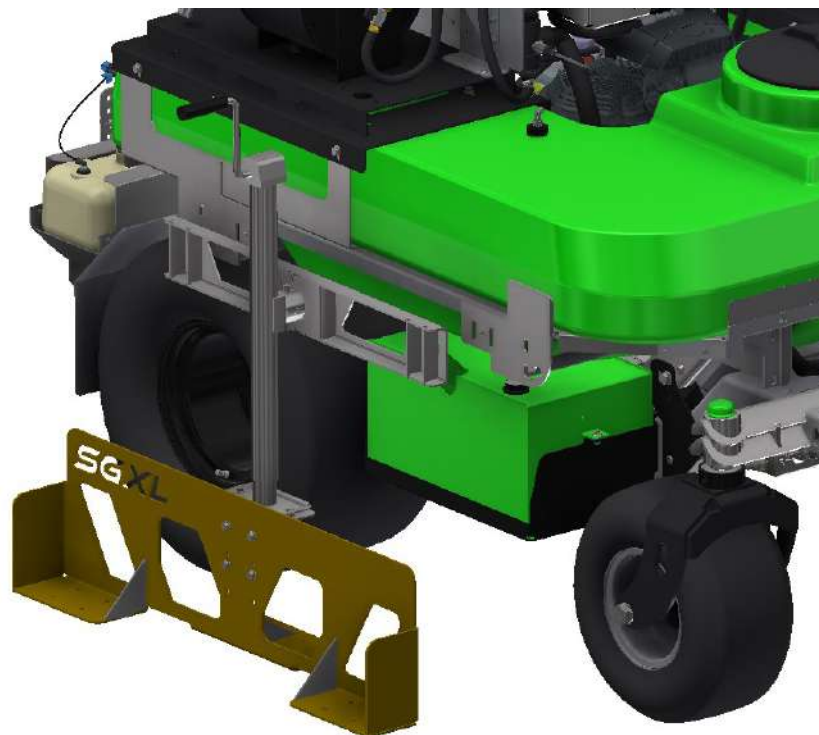
FRONT



NOTE: Repeat Step 3 for both sides

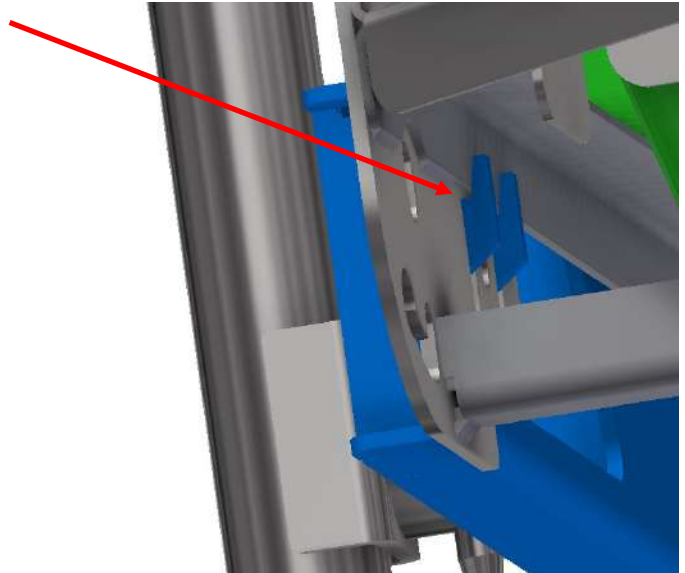
STEP 3:

- Align and attach the lift to the side of the spray system.



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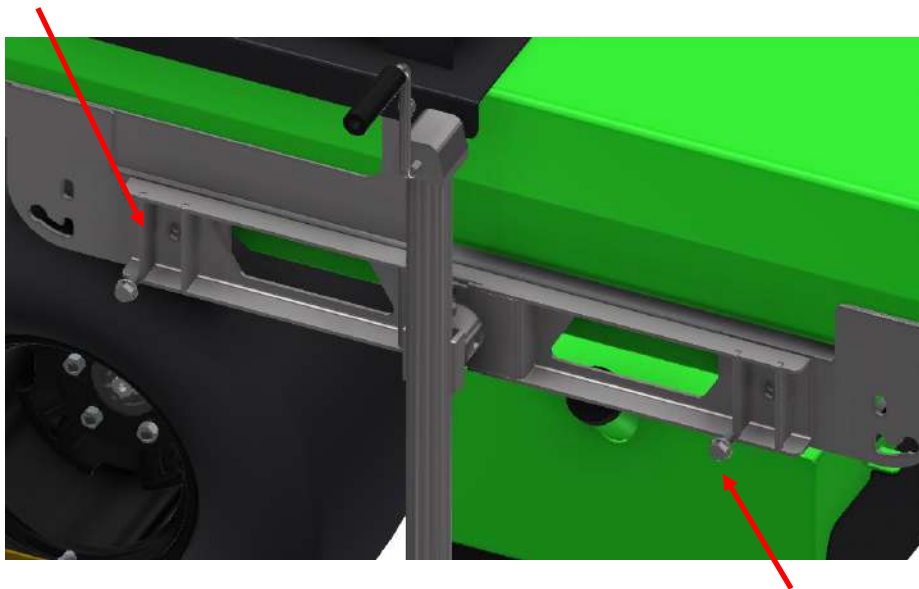
- Adjust the lift so the teeth on the lift make contact with the top of the opening on the tank frame.



DANGER!

The safety bolts MUST be installed before attempting to lift.

- Attach the safety bolts to the lift.



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STEP 4:

- With the help of a second person, lift the spray system until it clears the frame.



- Once the spray system is clear of the frame, back the machine out from under it.



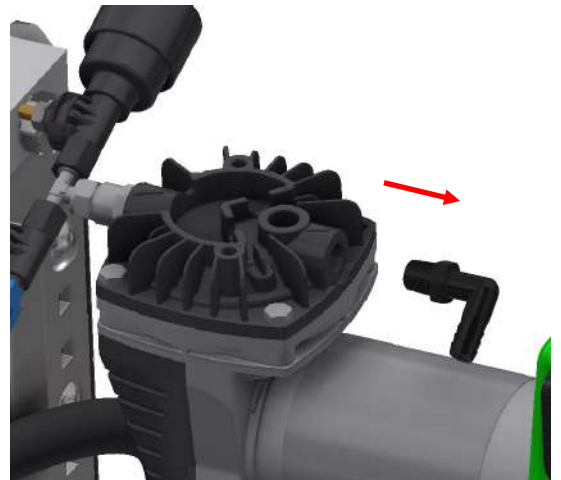
SGXL HOPPER INSTALL

STEP 5:

- Disconnect the feed hose from the foam marker motor.

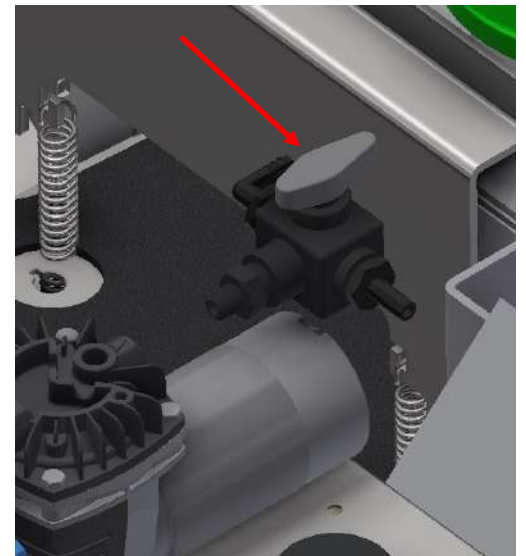


- Remove the elbow fitting from the motor.



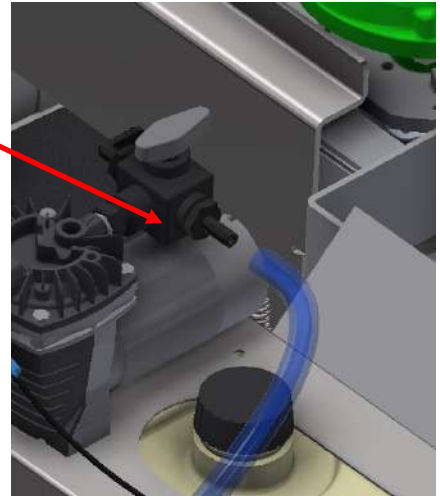
NOTE:

- *Remove the handle from the valve to allow it to spin.*
- *Use pipe dope on the pipe threads.*
- Attach the valve assembly (provided with the kit) to the foam marker motor.



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- Reconnect the feed hose to the *straight barb fitting* securing it with the *hose clamp*.

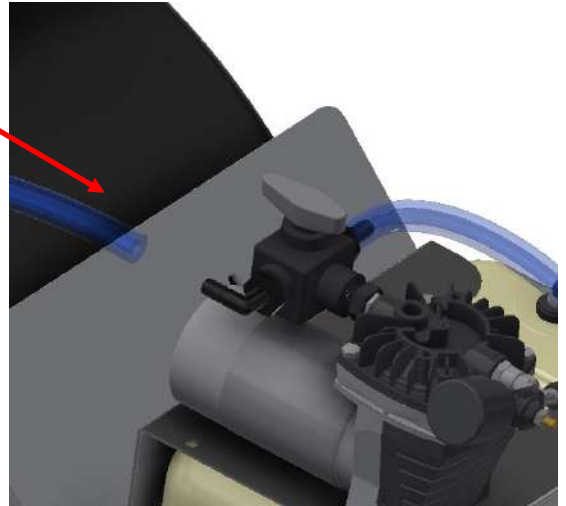


- Attach the foam marker dropper assembly (provided with the kit) to the threaded post on the light bar.

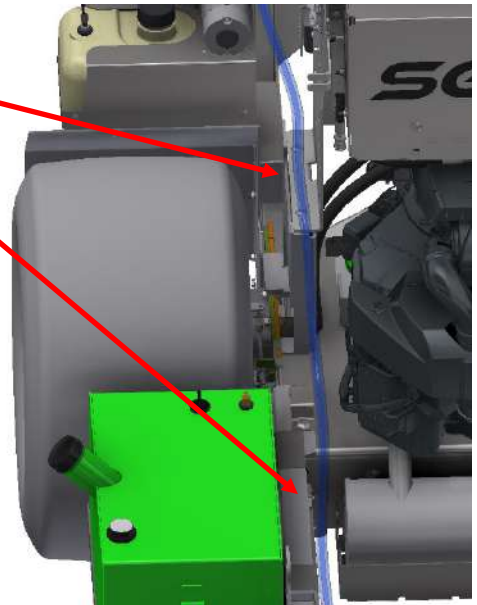


SGXL HOPPER INSTALL

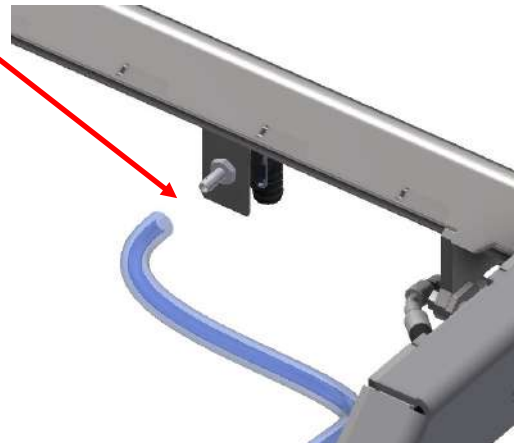
- Connect one end the hose (supplied with the kit) to the *elbow barb fitting* securing it with the hose clamp.



- Route the edge of the upright & along the edge of the frame to the front of the machine.
- Secure the hose with zip ties.

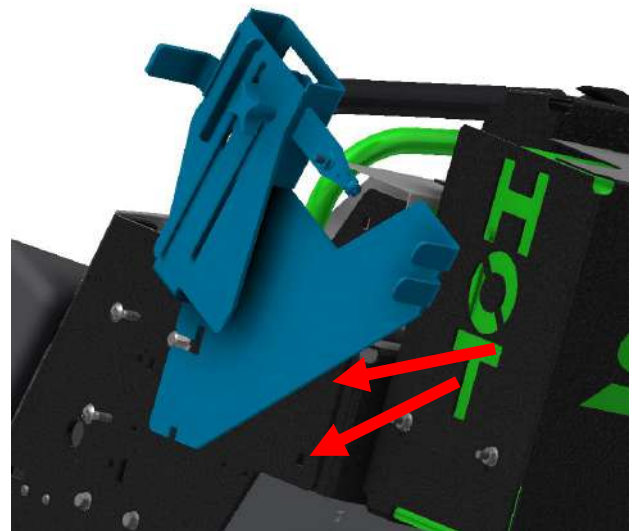


- Trim the hose as needed and connect the other end hose to the foam marker dropper securing it with the hose clamp.



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STEP 6: Attach the hopper control assembly to the right side of the upright.



STEP 7:

HYDRAULIC SPRAY PUMP EQUIPPED

- Remove the existing nuts securing the quick connect bracket to the upright and attach the bracket assembly provided with the kit.



BELT DRIVE SPRAY PUMP EQUIPPED

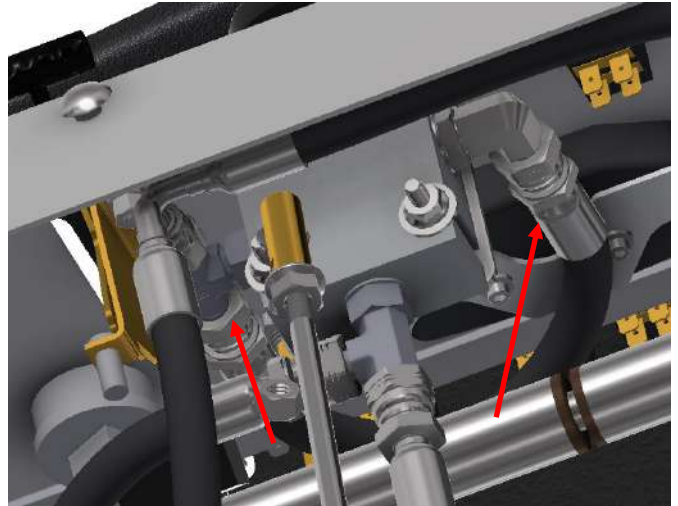


SGXL HOPPER INSTALL

NOTE: Allow the machine to cool and let the oil drain down before starting the following steps.

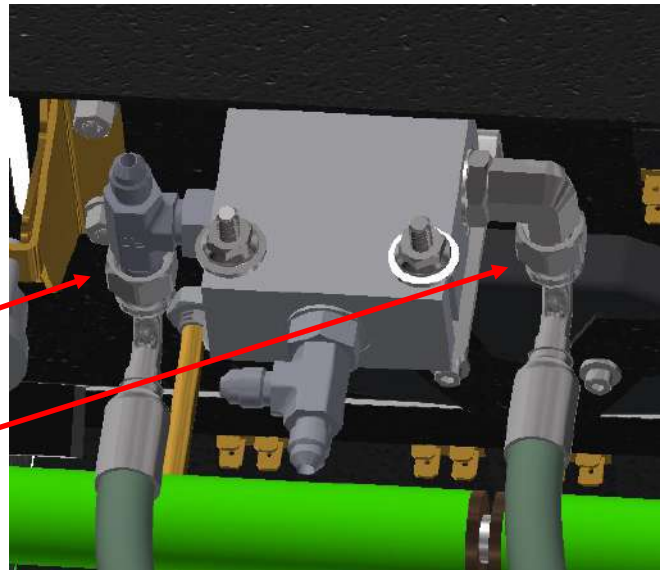
STEP 8:

- Remove the loop hose from the hydraulic control valve.
- Connect the *elbow* end of the hoses (provided with the kit) to the left and right sides of the hopper control valve.



A

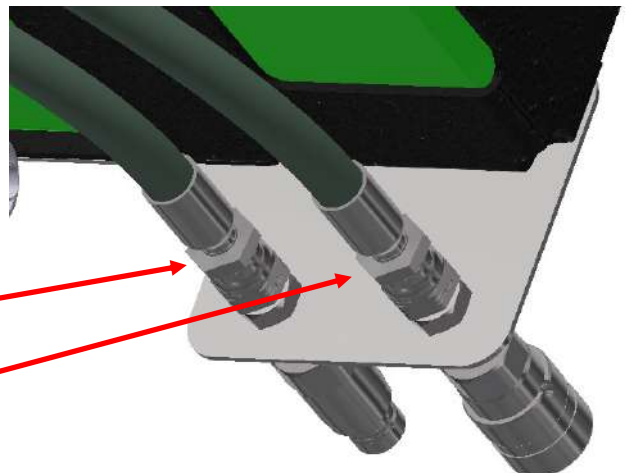
B



- Connect the *straight* ends to the quick disconnects.

A

B



SGXL HOPPER INSTALL

STEP 9:

- Locate the extra opening above the pump switch and cut the decal using a utility knife or sharp blade.



- Once the opening is exposed, attach the switch (provided with the kit) to the dash.

NOTE: *Note the orientation of the switch, the long side faces down.*



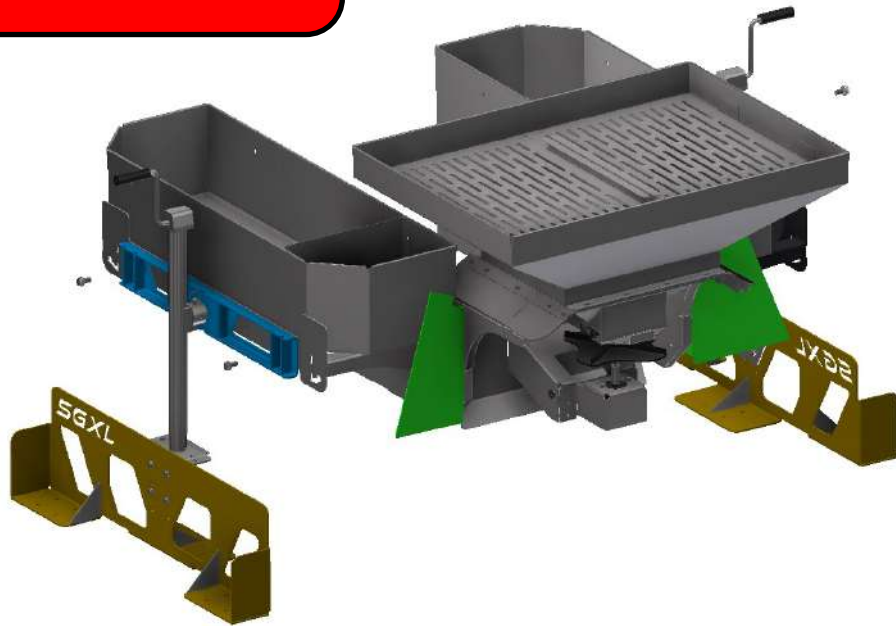
SGXL HOPPER INSTALL

STEP 10:

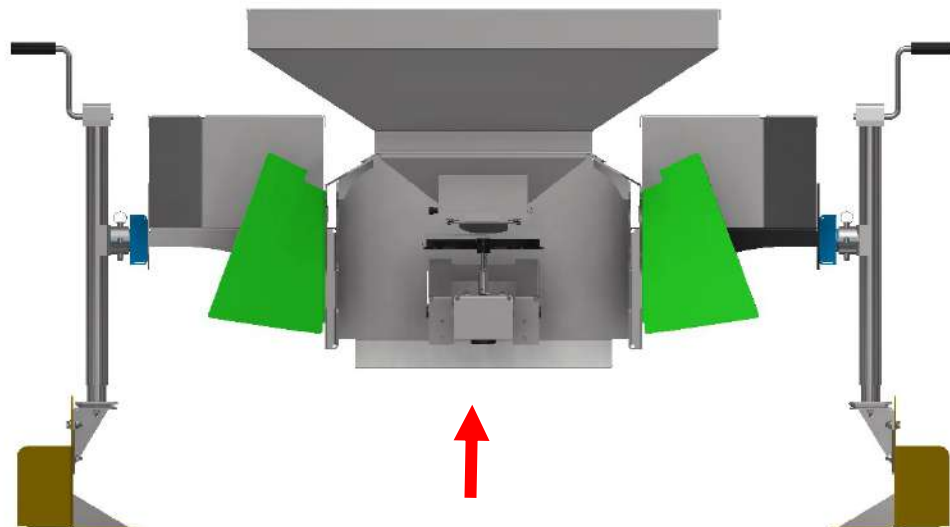
- Attach the lifts to the hopper and install the safety bolts.

DANGER!

*The safety bolts **MUST** be installed before attempting to lift.*



- With the help of a second person, lift the hopper until it clears the frame of the machine.

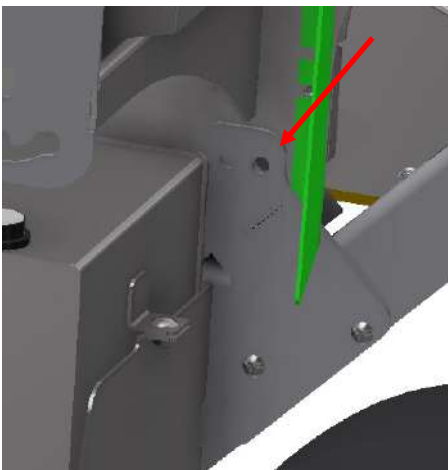


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- Carefully drive the machine in place under the hopper.



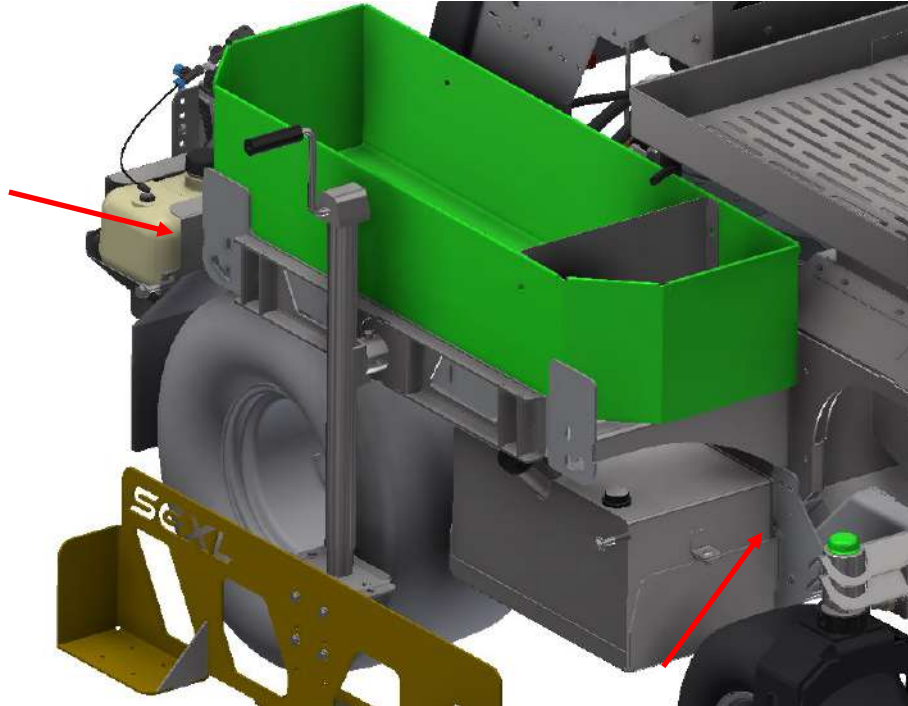
- With the help of a second person, lower the hopper onto the frame. Be sure the holes are lined up with the hopper and the frame.



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- Attach the bolts securing the hopper to the frame.

NOTE: Repeat this step for both sides

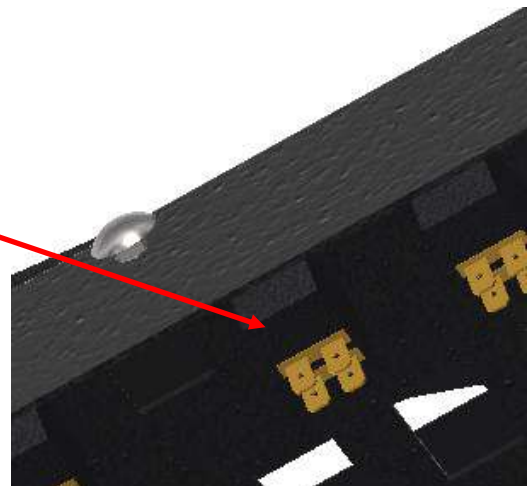
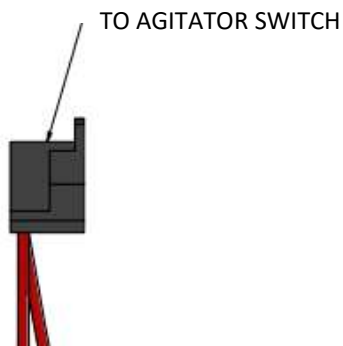


STEP 11:

- Route the agitator harness from the hopper up to the new switch on the dash.

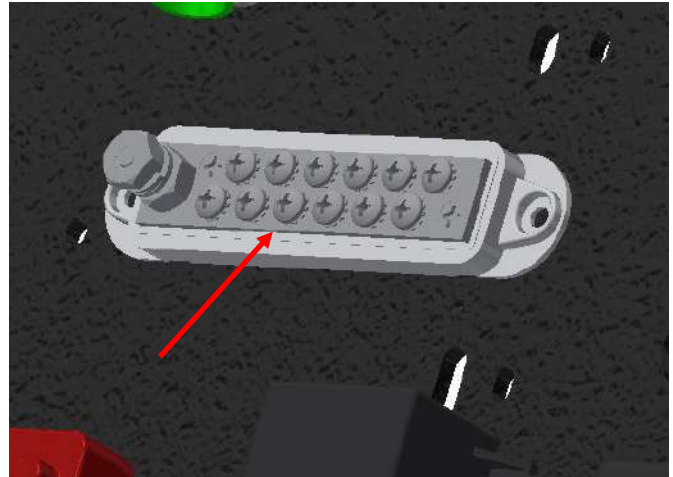
NOTE: Be sure the harness is neatly routed and zip tied away from hot and moving parts.

- Plug the block into the bottom of the switch.

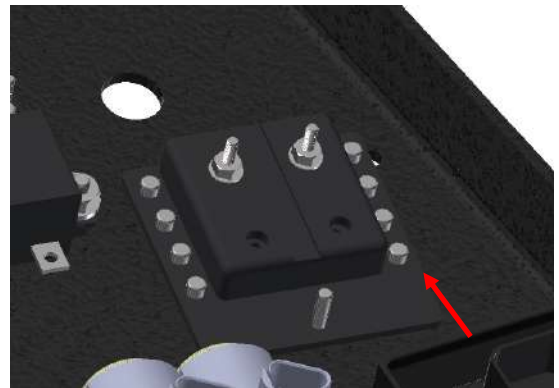


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- Connect the *black ground* wire from the harness to an open port on the ground block.

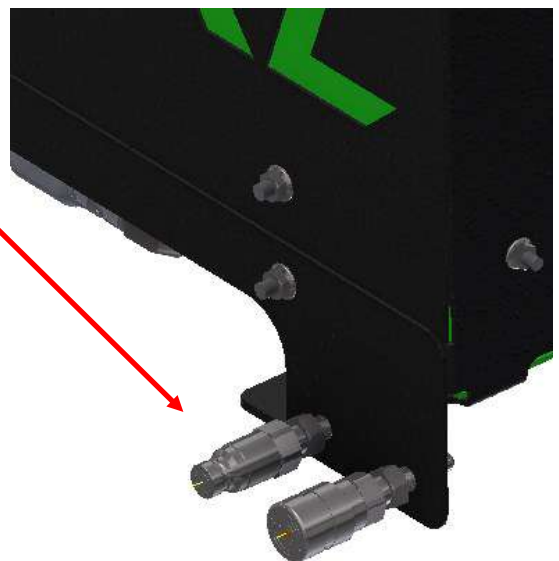


- Connect the *red power* wire from the harness to the open port on the fuse block.
- Install the provided 20 amp fuse.



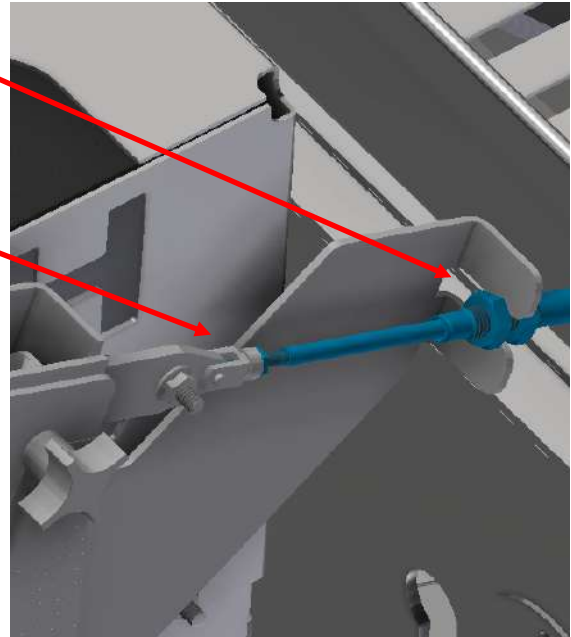
STEP 12:

- Connect the hoses from the hopper to the quick connects on the machine.



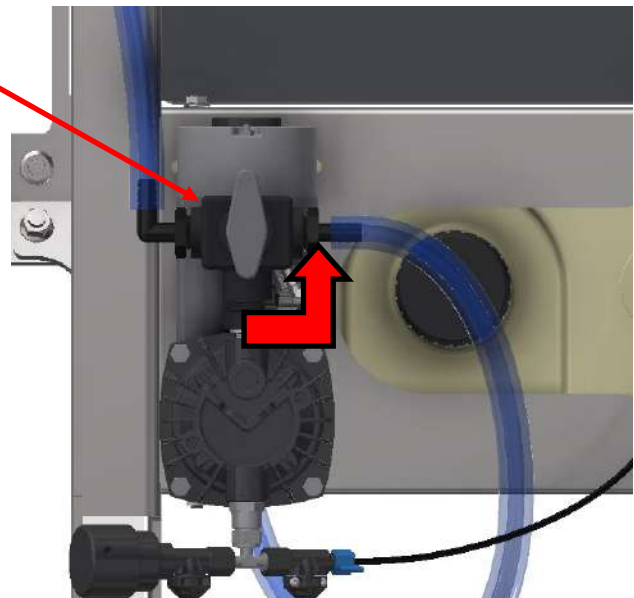
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- Attach the end of the control cable to the bracket on the control assembly.
- Attach the clevis to the lever bracket.
- Once the cable is connected, start the machine and run the hopper for a few seconds (*Refer to operation section below*).
- Check the hydraulic oil level on the tank sight window and top off the oil as needed.



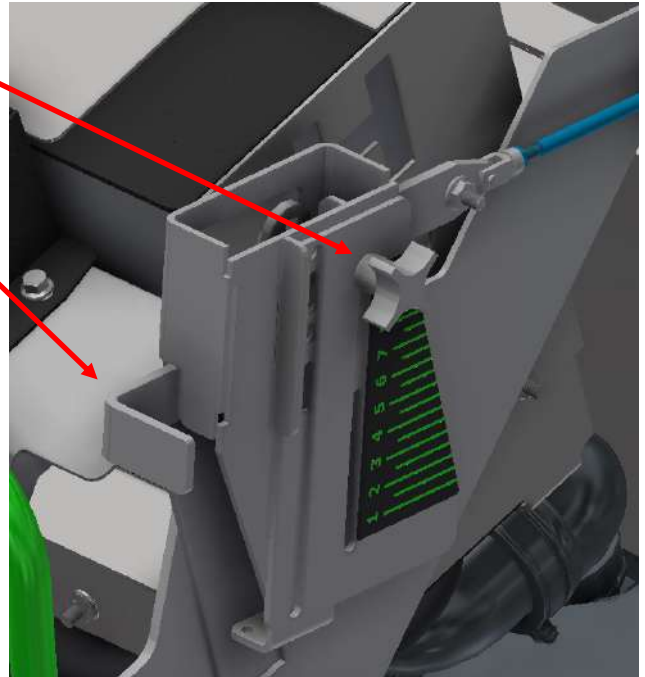
OPERATION

- Turn the handle on the valve to direct the foam marker fluid to the front dropper.



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- Loosen the knob to select the desired gate opening and retighten the knob.
- Move the lever to open and close the gate.



- Turn the knob on the control valve to adjust the hopper speed.

- Press the switch to activate the agitator.



NOTES



Steel Green Mfg.
824 S State Road 39
Lebanon, IN 46052
(765)-481-2890
www.steelgreenmfg.com

MANUAL PART NO.	MANUAL REV.	DESCRIPTION	KIT PART NO.
SGM-042	A	SGXL HOPPER ATTACHMENT	K10092