

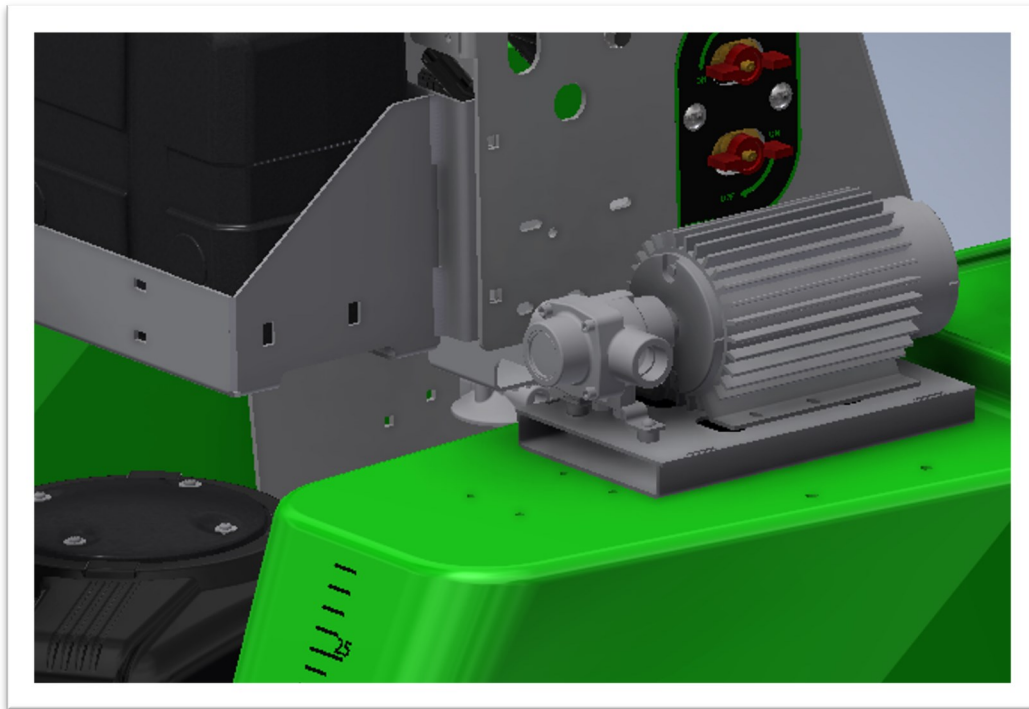
STEELGREEN[™]

MANUFACTURING

INSTRUCTION MANUAL

HI FLOW PUMP ATTACHMENT

Models: SG36, SG42, SG46, & SG52



HI FLOW PUMP

STEP 1: Disconnect the battery, *ground* first and then *power* wire.



GROUND

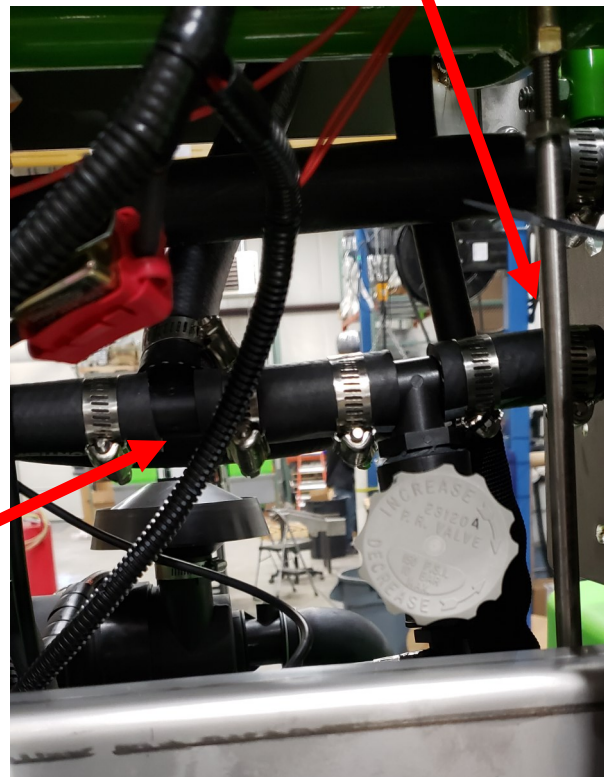
POWER

NOTE: Before starting the following steps the existing pump wiring harness and standard pump will need to be removed.

STEP 2: Cut and install the “tee” fitting and regulator assembly in the return hose, securely with hose clamps.

NOTE: The regulator should face the operator and be clear of the steering rod.

STEERING ROD

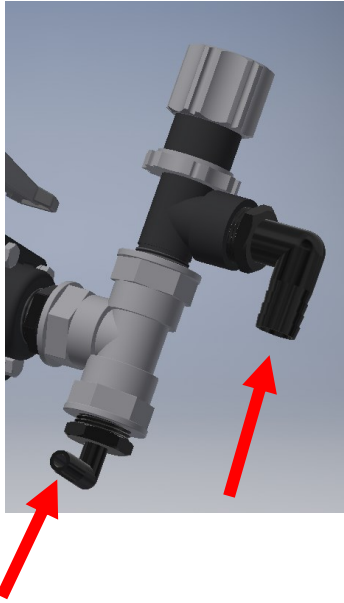


“tee fitting” S50062

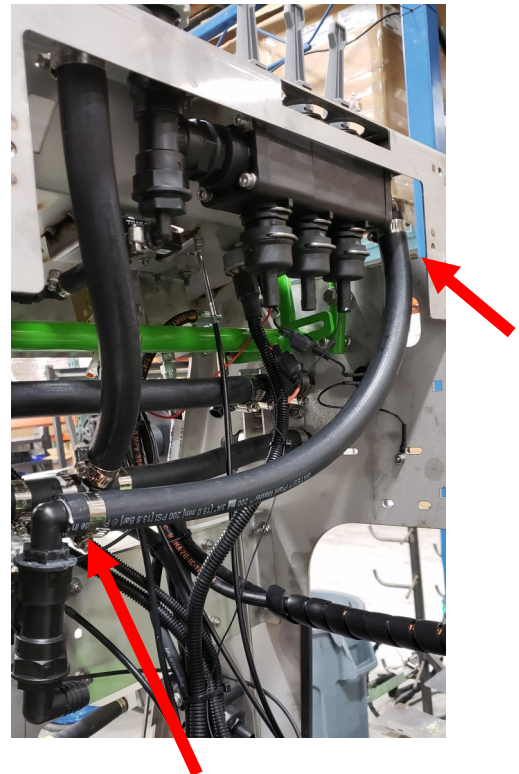
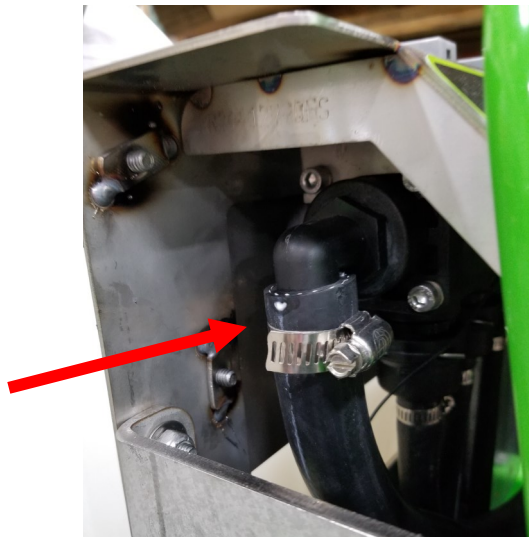
HI FLOW PUMP

STEP 3:

- Cut and connect a 3/4" hose from "tee" fitting (S50062) up to the throttle valve 3/4" elbow (S52041).
- Cut and connect a 3/8" hose from "elbow" fitting (S52083) to the pressure gauge.

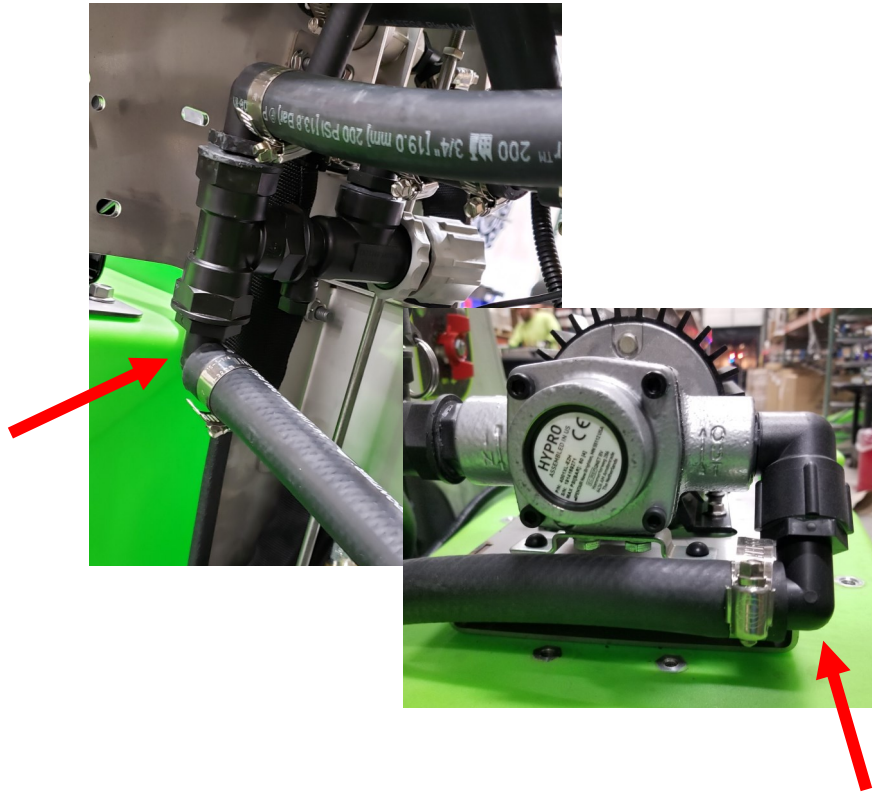


STEP 4: Cut and connect a 3/4" hose from the top banjo fitting to the end of the manifold.



HI FLOW PUMP

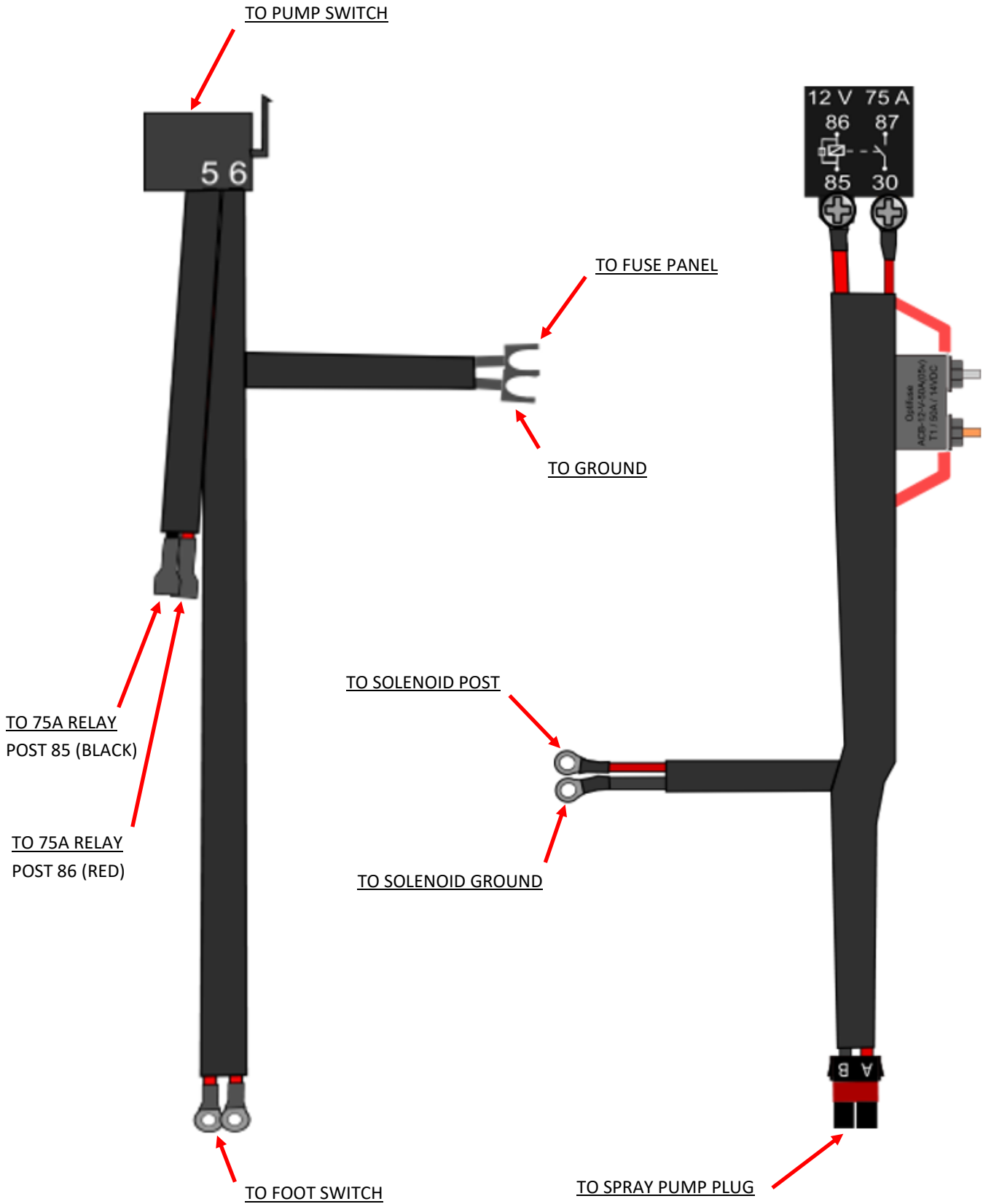
STEP 5: Cut and connect a 3/4" hose from lower banjo fitting, to hi flow pump outlet.



HI FLOW PUMP HARNESS

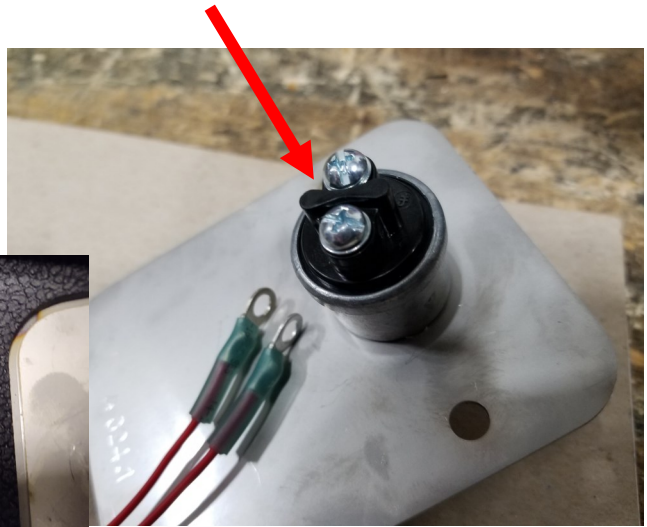
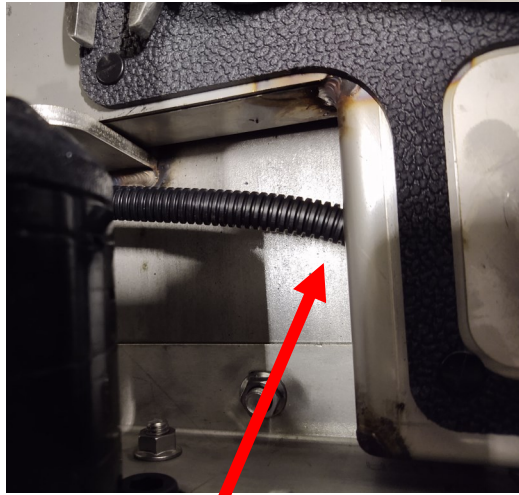
HI FLOW PUMP

PART NO. - SG-RP-2.1

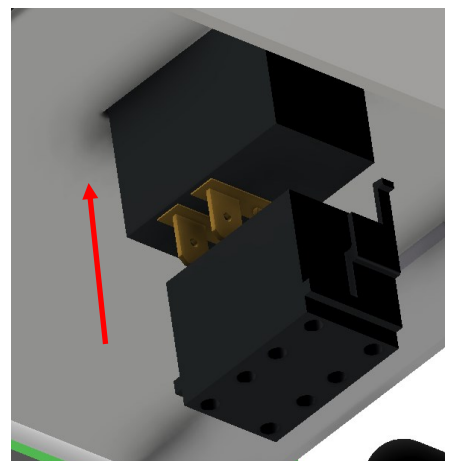


HI FLOW PUMP

STEP 6: Route the wires for the foot switch through the hole in the foot board and connect them to the foot switch.



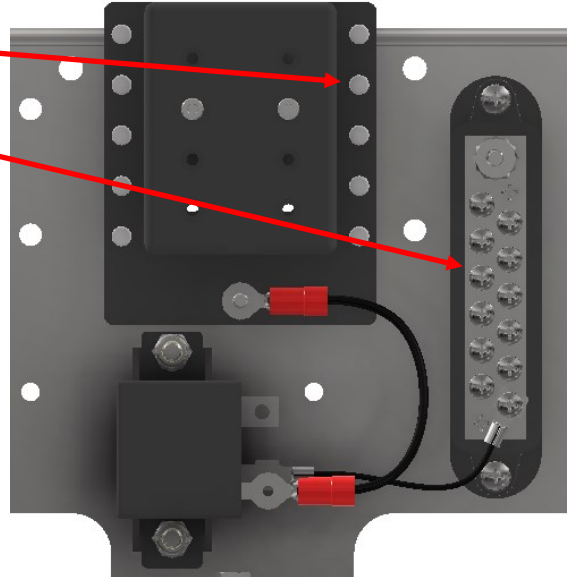
STEP 7: Connect the harness to the pump switch.



HI FLOW PUMP

STEP 8:

- Connect the power wire from the harness to port 7 on the fuse block.
- Connect the ground wire from the harness to the ground block.
- Attach the proper fuses according to the chart Fig. 1.
- Spray ignition sealant on the ground block & fuse block connections.
- Attach the clear cover to the fuse block.

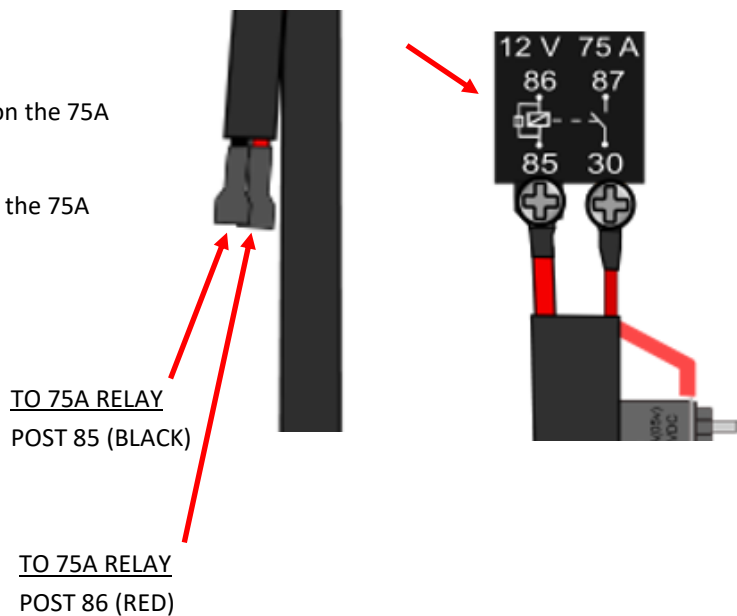


PORT	SG 52 SERIES FUSE BLOCK		PORT
1	SPRAY PUMP 1 25 AMP	USB PORT 5 AMP	6
2	SPRAY PUMP 2 25 AMP	SPRAY PUMP SWITCH 25 AMP	7
3	7 GAL. LEFT 25 AMP	SPEEDOMETER 1 AMP	8
4	7 GAL. RIGHT 25 AMP	FOAM MARKER 25 AMP	9
5	HSA 10 AMP	HEADLIGHT 10 AMP	10

Fig. 1

STEP 9:

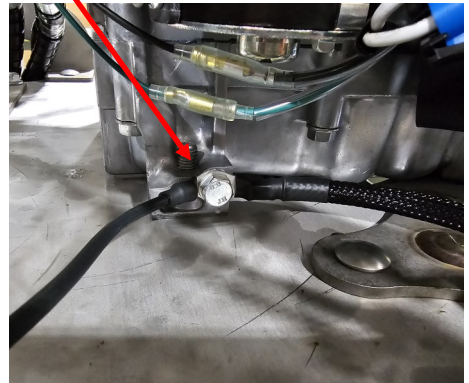
- Connect the spade plug w\black wire to post 85 on the 75A relay.
- Connect the spade plug w\red wire to post 86 on the 75A relay.



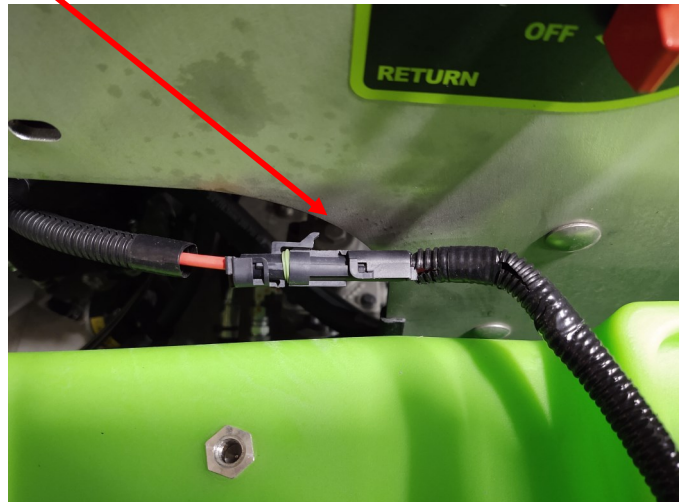
HI FLOW PUMP

STEP 10:

- Connect the harness solenoid power wire to the engine solenoid.
- Connect the harness solenoid ground wire to the engine ground post.



STEP 11: Connect the pump plug from the harness to the pump.



HI FLOW PUMP

STEP 12: Reconnect the battery, *power* wire first along with pump harness power wire and then *ground*.

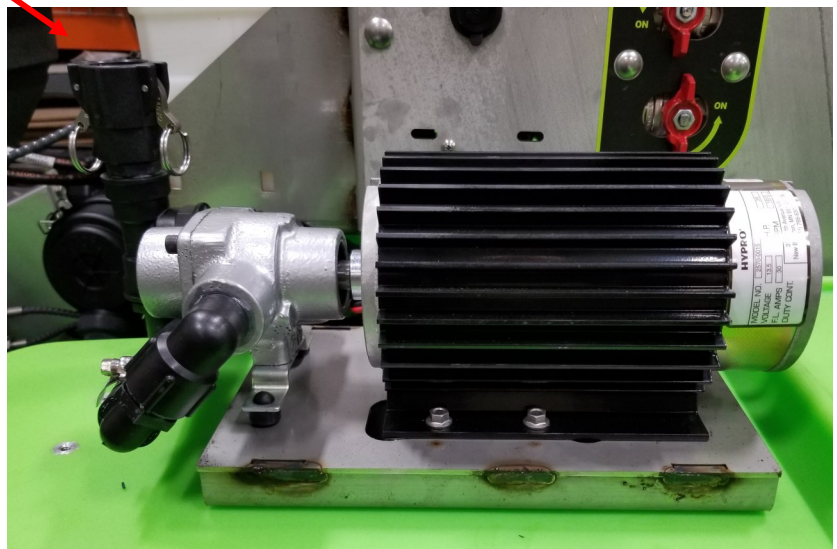


GROUND

POWER

MAINTENANCE

Back flush port / clean out.
Can be used for prime.



NOTES

NOTES



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MANUAL	MANUAL	DESCRIPTION	KIT
SGM-020	4	SG HI FLOW PUMP	A60000-46 A60000-52