

STEELGREEN[™]

MANUFACTURING



SGEV SERIES

MODELS: SGEV36 & SGEV48

ZERO-TURN SPREADER/SPRAYER OPERATOR & SERVICE MANUAL

For additional information, please visit us at www.steelgreenmfg.com



MADE IN THE USA



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GENERAL INFORMATION

Thank you for purchasing a Steel Green machine! Please read and understand this manual before operating this piece of equipment. This manual will assist you in areas of operation, safety, and maintenance. Any unresolved question can be directed to Steel Green Mfg. We at Steel Green are excited to hear feedback from our customer base so we can continue to provide you with the most productive and efficient equipment possible

NOTICE

This manual and all information and illustrations were accurate at the time of publication. Steel Green Mfg. reserves the right to make changes without notice.

IMPORTANT: READ SAFETY RULES AND INSTRUCTIONS CAREFULLY.

Serial Number: _____

Date Purchased: _____

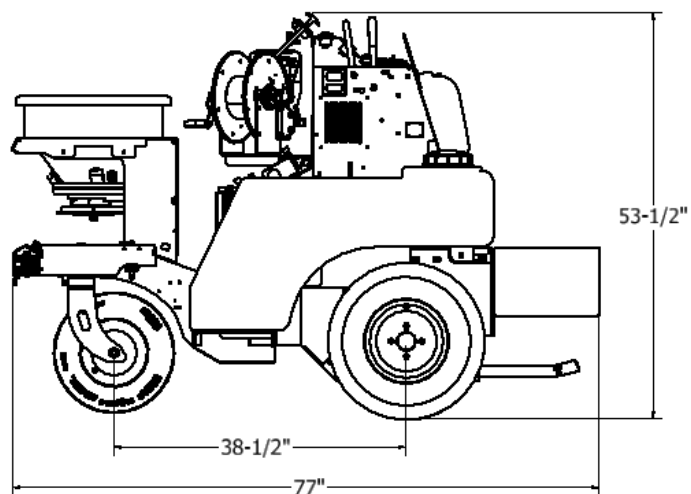
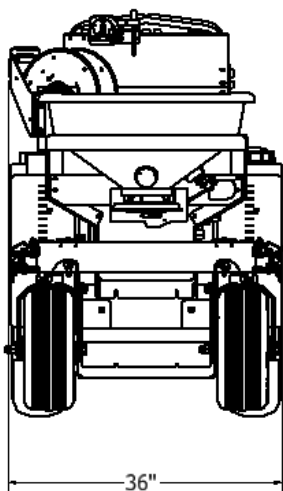
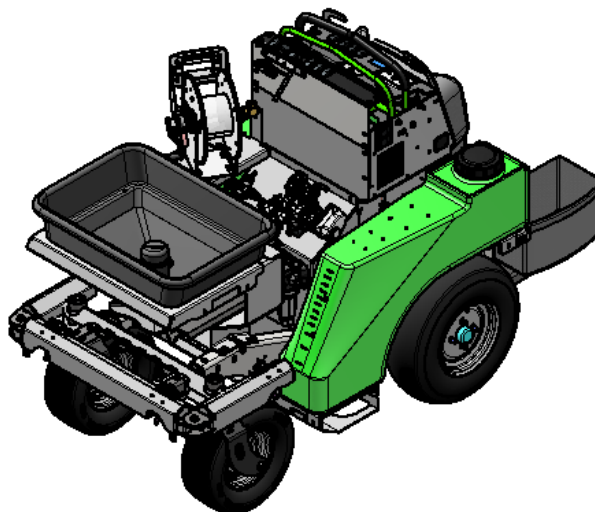
Dealer Name: _____

Dealer Phone Number: _____

SPECIFICATIONS

DIMENSIONS:

MODEL SGEV36

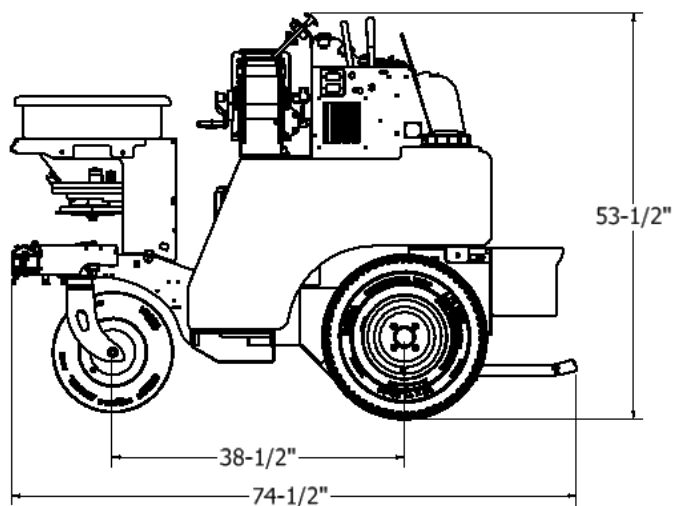
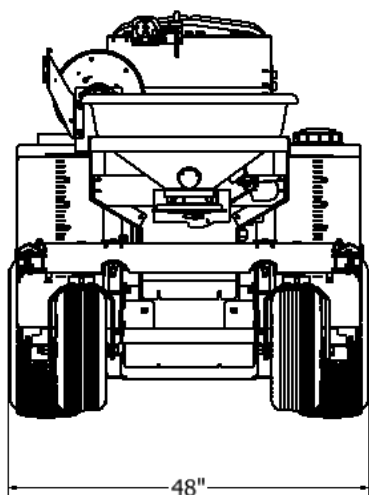
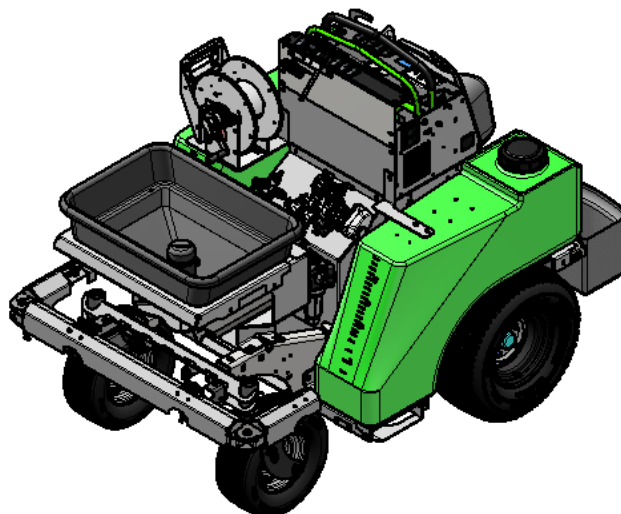


DESCRIPTION	SG36 EV	SG48 EV
WEIGHT	935	950
FRONT TIRE	16 X 6.50-8	
REAR TIRE	21 X 7.00-10	22 X 11.00-10
SPRAY CAPACITY	30 GAL.	50 GAL.
SPRAY WIDTH	2', 4', 6' OR 8'	
HOPPER CAPACITY	150 lbs.	
VARIABLE SPREAD WIDTH	Up to 25'	
TRANSPORT SPEED	Up to 9 mph	
RATE PRODUCTION	120,000 sq. ft. per fill based on 1/4 gal. spray nozzles.	240,000 sq. ft. per fill based on 1/4 gal. spray nozzles.

SPECIFICATIONS

DIMENSIONS:

MODEL SGEV48



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WEIGHT	935	950
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SAFE OPERATION

CAUTION

THE FOLLOWING IMPORTANT SAFETY INSTRUCTIONS WHICH, IF NOT FOLLOWED, COULD ENDANGER THE PERSONAL SAFETY AND/OR PROPERTY OF YOURSELF AND OTHERS. READ AND FOLLOW ALL INSTRUCTIONS IN THIS MANUAL BEFORE ATTEMPTING TO OPERATE YOUR UNIT. FAILURE TO COMPLY WITH THESE INSTRUCTIONS MAY RESULT IN PERSONAL INJURY.

GENERAL OPERATION:

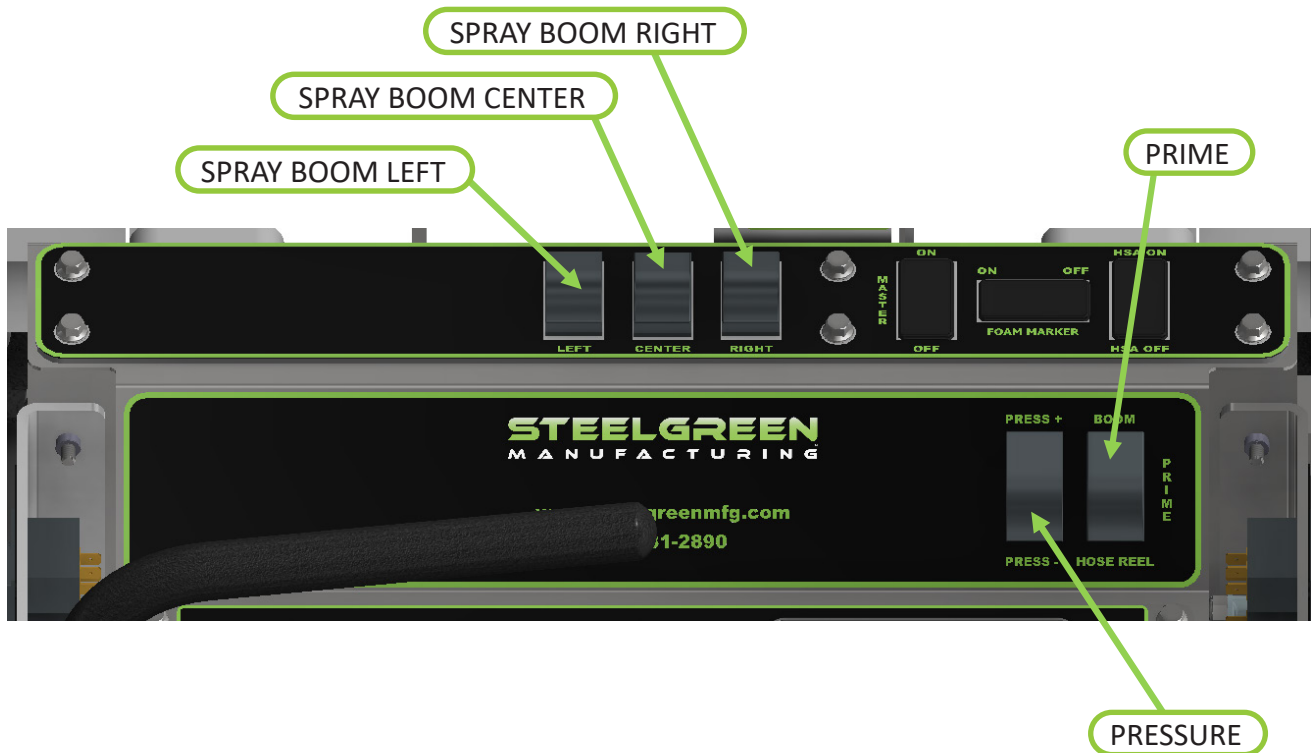
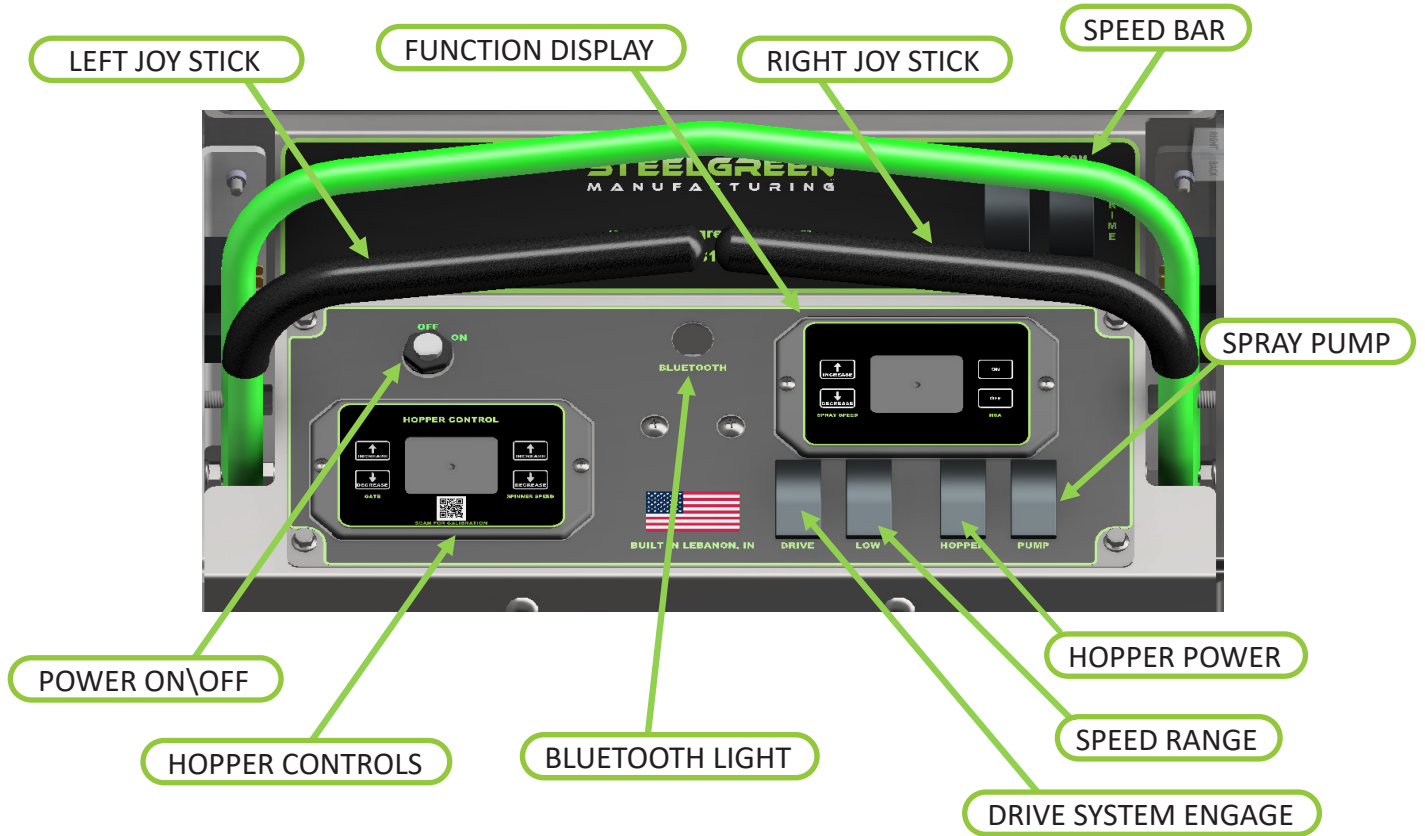
- Do not operate the machine while under the influence of alcohol or drugs.
- Only allow responsible adults, who have practiced driving a Steel Green machine and are familiar with the instructions to operate the machine. Local restrictions may restrict the age of the operator.

SLOPE OPERATION

- Cease operation if stability is questionable, or if you are unsure of the ability to continue safely.
- Keep alert for hidden hazards on the terrain.
- Stay away from drop-offs, ditches and embankments.
- Never operate on slope angles greater than 10° with the SGEV in its basic configuration. The basic configuration is defined as an SGEV with hopper and no other attachments. (A 10° slope is a slope that rises 1.4 m (3.1 ft) over a horizontal distance of 6.1 m (20 ft.).)

CONTROLS & OPERATION

DASH PANEL



CONTROLS & OPERATION

MACHINE OPERATION:

- To drive the machine, step up on the foot board while resting against the chest pad.

CHEST PAD

FOOT BOARD



- Power the machine on by turning the key to the "ON" position.
- Once the key is on, you will hear a series of "clicks"

NOTICE

- The first click is the relay powering on the system.*
- The second click is the brake dis-engaging.*

! WARNING

BE SURE TO WAIT UNTIL YOU HEAR THE SECOND CLICK BEFORE DRIVING THE MACHINE.



- Adjust the transport speed -

Be sure the "drive switch" is off.

Put the "speed range" switch in the "HI" position.

Adjust the speed on the screen between 7mph to 9mph.



- Press the *DRIVE SWITCH* to engage the drive system.



CONTROLS & OPERATION

NOTICE

- Low range: 7mph max.
- Hi range: 9mph max.

Refer to the spray calibration chart for proper speeds.

JOY STICKS

- The left joy stick maneuvers the left tire forward and reverse.
- The right joy stick maneuvers the right tire forward and reverse.

DRIVING THE MACHINE

- Move both joy sticks forward to drive forward.
- Move both joy sticks back to drive in reverse.
- To maneuver a left turn move the right joy stick forward and pull the left one back.
- To maneuver a right turn move the left joy stick forward and pull the right one back.

LEFT TURN



RIGHT TURN



! DANGER

Before stepping off of the machine, make sure the "drive switch" is in the OFF position.



CONTROLS & OPERATION

SPREADER:

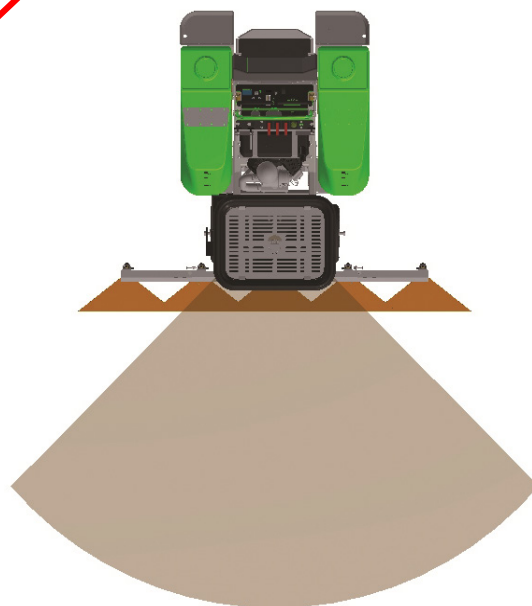
! CAUTION

- *Wear appropriate clothing & safety equipment when applying & handling chemicals.*

- Earthway balances the spread pattern by shifting the product placement on the spinner. Placing the product on the impeller close to the shaft or the center will cause the spread pattern to be heavier to the right as it rides the impeller for a longer period. If the product is placed on the outer edge of the impeller, the spread pattern will be heavier to the left as the spinner turns clockwise.



- Start with the gate all the way open.
- The spinner speed is adjusted by pressing the increase or decrease buttons on the screen.
- Begin to spread the product. As you are spreading, you should be able to see the spread pattern in front of you. Generally, all spreaders will tend to throw fertilizer heavy to the right. As you continue to spread, slowly close the gate in small increments. This will bring the spread pattern dead center in front of you.



**THROW FERTILIZER
TO CENTER OF TIRE TRACKS**

CONTROLS & OPERATION

HALF-RATE GRANULAR CALIBRATION CHART:

		SPREAD WIDTH (Feet)									
		6	8	10	12	14	16	18	20	22	24
		BUCKET CATCH TIME (Seconds)									
SPEED	8 mph	28.5	21.4	17.1	14.2	12.2	10.7	9.5	8.5	7.8	7.1
	7.5 mph	30.3	22.7	18.2	15.2	13	11.4	10.1	9.1	8.3	7.6
	7 mph	32.4	24.3	19.4	16.2	13.9	12.1	10.8	9.7	8.8	8.1
	6.5 mph	35	26.2	21	17.5	15	13.1	11.7	10.5	9.5	8.7
	6 mph	37.9	28.4	22.7	18.9	16.2	14.2	12.6	11.4	10.3	9.5
	5.5 mph	41.4	31	24.8	20.7	17.7	15.5	13.8	12.4	11.3	10.3
	5 mph	45.7	34.2	27.4	22.8	19.6	17.1	15.2	13.7	12.5	11.4
	4.5 mph	50.5	37.9	30.3	25.3	21.6	18.9	16.8	15.2	13.8	12.6
	4 mph	56.5	42.4	33.9	28.2	24.2	21.2	18.8	16.9	15.4	14.1
	3.5 mph	65	48.7	39	32.5	27.8	24.4	21.7	19.5	17.7	16.2
	3 mph	75.8	56.8	45.5	37.9	32.5	28.4	25.3	22.7	20.7	18.9
		1,000 sq. ft. ÷ 1/2 spread width ÷ speed in fps = calibration time.									

NOTICE

To perform a granular calibration you will need a tape measure, bucket, and a scale.

- First - you will need to weigh the empty bucket and zero your scale (or note the weight of the bucket to subtract from your later measurement).
- Second - remove your spinner and place the bucket under the hopper. Adjust the setting on the screen to 5 (this is just a starting point). Using the above chart find the time you will need to open your hopper based on your desired speed and spread width.
- Third - open your hopper for the appropriate amount of time and then weigh the bucket (remember to subtract the weight of the empty bucket). Adjust the dial knob up or down and repeat until you have your desired lbs. per 1 thousand square feet (example if you want 4lbs per 1k sq. ft. you should have 4lbs of product in the bucket).
- Forth - stretch a tape measure out to your desired width on the ground in front of the machine and briefly open your hopper and adjust your spread width to match the width of your tape measure.

Your hopper is now calibrated. When applying product be sure to throw back to the center of your tire tracks from your previous pass. If needed use the Accuway diffuser to adjust your pattern so that the heaviest amount of product is directly in front of the machine.

CONTROLS & OPERATION

HOPPER DRAIN INSTRUCTIONS:

To drain the hopper:

- Place a bucket under the drain cap in front of the hopper.
- Remove the drain cap to drain the hopper.



CONTROLS & OPERATION

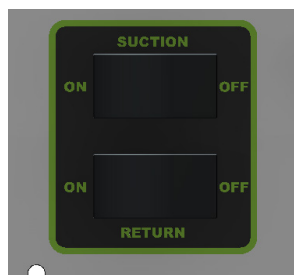
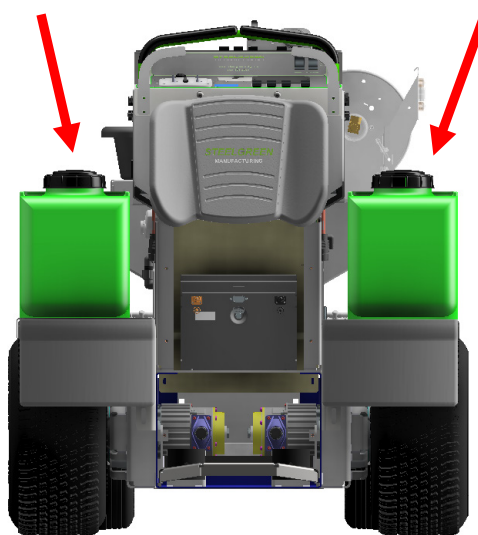
SPRAY SYSTEM:

STEP 1: Select one tank or both.

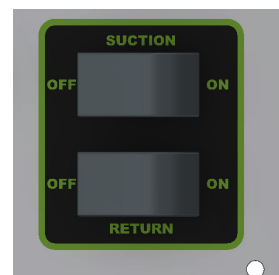
- Each SGEV model is equipped with 2 Liquid Tanks. The tanks can be operated in tandem or separately.
- The Left tank is controlled by 2 switches located on the left side of the upright. Upper valve controls the suction, and lower valve controls the return.
- The Right tank is controlled by 2 switches located on the right side of the upright. Upper valve controls the suction, and lower valve controls the return.
- For the spray system to operate properly, at least one return valve and one suction valve must be open. If the operator desires to pull from both tanks simultaneously, all 4 valves must be open.
- To pull from either the left or right-side tanks, the corresponding valves must be open.

LEFT TANK

RIGHT TANK



LEFT



RIGHT

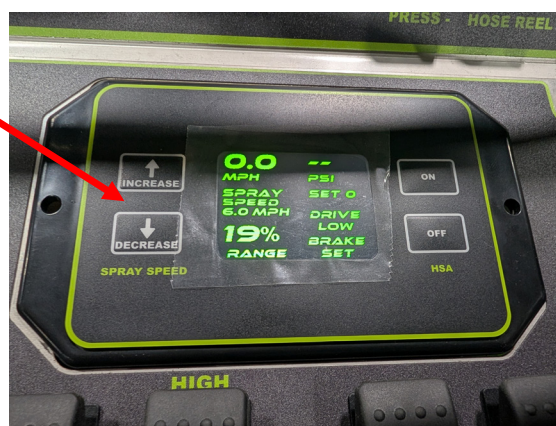
NOTICE

Before adjusting the spray speed,

- The "drive switch" must be OFF.
- The "speed switch" in the "low" position.



STEP 2: Adjust the spray speed on the function screen between 3-6 mph. See *spray chart* on page 17.



CONTROLS & OPERATION

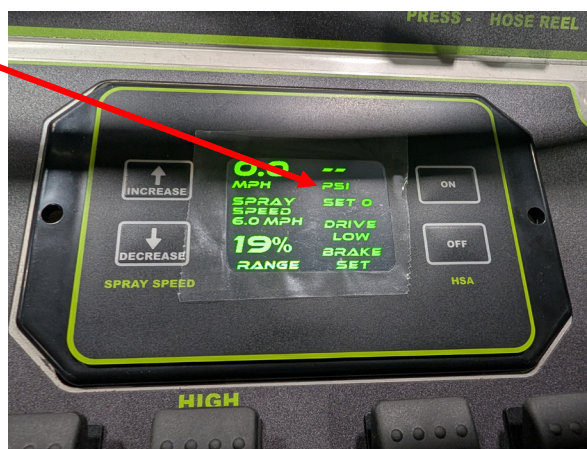
STEP 3: Turn the spray pump on by pressing the pump switch on the dash.

NOTICE

You can increase or decrease the spray pressure one psi at a time by bumping the switch or press and hold the switch + or - to increase or decrease spray pressure.

STEP 4:

- Set the spray pressure - Increase or decrease the spray pressure by pressing the pressure switch “press +” or “press -”
- If the tank is out of liquid move the switch to the “prime” position to hold the system wide open to prime. Once the prime switch is off it will return to desired spray pressure.
- Return the switch to the “boom” position.
- Spray pressure is displayed on the function screen.
- Use the Spray Calibration Chart to determine the desired spray pressure.



CONTROLS & OPERATION

SPRAY BOOM:

NOTICE

For hose reel/coil hose operation, be sure the spray boom power is OFF & proceed to page 16.

The spray boom consists of 3-sections: Left Wing, Center Section, & Right Wing (see below).



RIGHT WING

CENTER SECTION

LEFT WING

NOTICE

Orientation is from the riders view, standing on the machine.

STEP 5: Select the desired boom section & begin spraying.



NOTICE

Each section of the boom is controlled by a switch located on the upper dash.

- Turn all 3 switches on for full spray width, or individually depending on the desired spray width.
The left switch controls the left boom wing.
The center switch controls the center section of the boom.
The right switch controls the right boom wing.
- Each boom wing holds 2 nozzles.

CONTROLS & OPERATION

HOSE REEL:

The SGEV48 model is also equipped with a 75' Hose Reel This is meant to assist with spot spraying and or areas that are not able to be reached by the Machine.

STEP 1:

- To operate the hose reel, (*be sure the spray boom power switch is off*) & move the prime switch to the "hose reel" position. Turn on pump switch.
- Use the proper pressure dictated in the ***Spray Calibration chart.***
- The Hose Reel is turned on by a Chrome Valve.
- To apply press the handle together and mimic the spray pattern from the boom.



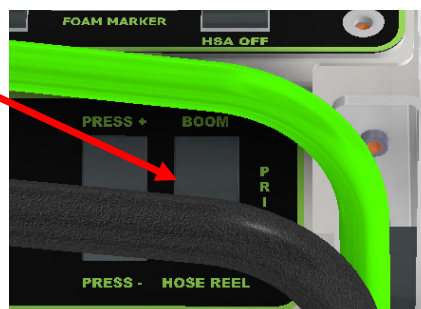
COIL HOSE:

- The SGEV36 model is equipped with 15' Coil Hose. This is meant to assist with spot spraying and/or areas that are not able to be reached by the machine.



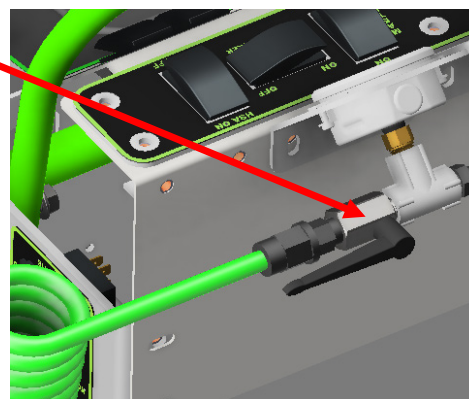
STEP 1:

- To operate coil hose, (*be sure the spray boom power is turned off*) & move the prime switch to the "hose reel" position. Turn on the pump switch.
- Use the proper pressure dictated in the ***Spray Calibration chart.***
- The coil hose is turned on by a chrome valve.
- To apply press the handle together and mimic the spray pattern from the boom.



NOTICE

Make sure the coil hose or hose reel valve is turned off while not in use. Otherwise back pressure may be created and will cause the nozzle tips to drip.



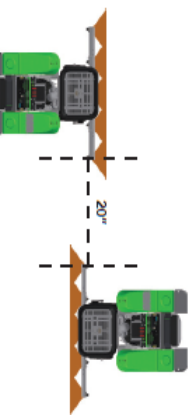
CONTROLS & OPERATION

TIP PART NO. (STRAINER MESH SIZE)	PSI	DROP SIZE	CAPACITY ONE TIP IN GPM	CAPACITY ONE TIP IN OZ/MIN	APPLICATION RATE FOR 20" SPRAY TIP SPACING											
					GALLONS PER ACRE (GPA)				GALLONS PER 1,000 SQ FT							
					4 MPH	5 MPH	6 MPH	8 MPH	3 MPH	4 MPH	5 MPH	6 MPH	7 MPH	8 MPH		
AIC11002 (50)	30	XC	0.17	22	12.6	10.1	8.4	6.3	0.39	0.29	0.23	0.19	0.17	0.14		
	40	XC	0.20	26	14.9	11.9	9.9	7.4	0.45	0.34	0.27	0.23	0.19	0.17		
	50	VC	0.22	28	16.3	13.1	10.9	8.2	0.50	0.37	0.30	0.25	0.21	0.19		
AIC110025 (50)	30	XC	0.22	28	16.3	13.1	10.9	8.2	0.50	0.37	0.30	0.25	0.21	0.19		
	40	XC	0.25	32	18.6	14.9	12.4	9.3	0.57	0.43	0.34	0.28	0.24	0.21		
	50	VC	0.28	36	21	16.6	13.9	10.4	0.63	0.48	0.38	0.32	0.27	0.24		
AIC11003 (50)	30	XC	0.26	33	19.3	15.4	12.9	9.7	0.59	0.44	0.35	0.29	0.25	0.22		
	40	XC	0.30	38	22	17.8	14.9	11.1	0.68	0.51	0.41	0.34	0.29	0.26		
	50	VC	0.34	44	25	20	16.8	12.6	0.77	0.58	0.46	0.39	0.33	0.29		
AIC11004 (50)	30	XC	0.35	45	26	21	17.3	13.0	0.79	0.60	0.48	0.40	0.34	0.30		
	40	XC	0.40	51	30	24	19.8	14.9	0.91	0.68	0.54	0.45	0.39	0.34		
	50	VC	0.45	58	33	27	22	16.7	1.0	0.77	0.61	0.51	0.44	0.38		
AIC11005 (50)	30	XC	0.43	55	32	26	21	16.0	0.97	0.73	0.58	0.49	0.42	0.37		
	40	XC	0.50	64	37	30	25	18.6	1.1	0.85	0.68	0.57	0.49	0.43		
	50	VC	0.56	72	42	33	28	21	1.3	0.95	0.76	0.63	0.54	0.48		
AIC11006 (50)	30	XC	0.52	67	39	31	26	19.3	1.2	0.88	0.71	0.59	0.51	0.44		
	40	XC	0.60	77	45	36	30	22	1.4	1.0	0.82	0.68	0.58	0.51		
	50	VC	0.67	86	50	40	33	25	1.5	1.1	0.91	0.76	0.65	0.57		
AIC11008 (50)	30	XC	0.69	88	51	41	34	26	1.6	1.2	0.94	0.78	0.67	0.59		
	40	XC	0.80	102	59	48	40	30	1.8	1.4	1.1	0.91	0.78	0.68		
	50	XC	0.89	114	66	53	44	33	2.0	1.5	1.2	1.0	0.86	0.76		
HIGH VOLUME SPRAY CHART																
AIC11010	30	UC	0.87	111	65	52	43	32	2.0	1.5	1.2	0.99	0.85	0.74		
	40	XC	1.00	128	74	59	50	37	2.3	1.7	1.4	1.1	0.97	0.85		
	50	XC	1.12	143	83	67	55	42	2.5	1.9	1.5	1.3	1.1	0.95		
AIC11015	30	UC	1.30	166	97	77	67	48	2.9	2.2	1.8	1.5	1.3	1.1		
	40	XC	1.50	192	111	89	74	56	3.4	2.6	2.0	1.7	1.5	1.3		
	50	XC	1.68	215	125	100	83	62	3.8	2.9	2.3	1.9	1.6	1.4		

NOTE: Always double-check your application rates. Droplet size classification shown is based on ISO 25358. Droplet size classification standard is subject to change. Tabulations are based on spraying water at 70°F.

Mixing of liquid or dry product should be in accordance to manufacturers' labels. This machine is designed for low volume spraying, and the mix will be more concentrated.

This machine is factory set to put down 1/3 gallon of liquid per thousand square feet (at 5 mph and 40 PSI). For instance, some products call for 1.1 to 1.5 ounces per thousand square feet. It is recommended to use 1.3 ounces of product per thousand square feet (median value of 1.1 to 1.5).



If you were filling a 30-gallon tank, your equation would look like:

(Tank Capacity ÷ Spray Rate) x Chemical Rate = Amount of product in tank

Example: (30 gal ÷ .34 gal/l k) x 1.3 oz = 114.7 oz

CARE & MAINTENANCE

CHARGER INSTALLATION:

! WARNING

- The charger must be installed indoors, away from rain or other sources of liquids and moist air such as humidifiers, vapes, and smoke machines.
- The area should be free of loose materials such as grinding dust or metal particles.

1. Select a suitable location on a wall for the charger to be installed. The charger must be within 6 feet of an electrical outlet and 15 feet to the charging port on the vehicle in its storage location.
2. For optimal support, install a screw into a wood or metal wall stud. Drywall anchors may be used as long as they each support a minimum of 25 lbs. Install one screw partially into the wall for the top bracket.
3. Hang the charger to locate the hole for the lower screw. Pre-drill hole as necessary.

TIPS

- The vertical distance between screw holes is: 88V: 444mm (17-1/2")
- The Charger is compatible with 120V & 240V outlets.
- The charger uses a Nema 6-15P plug.

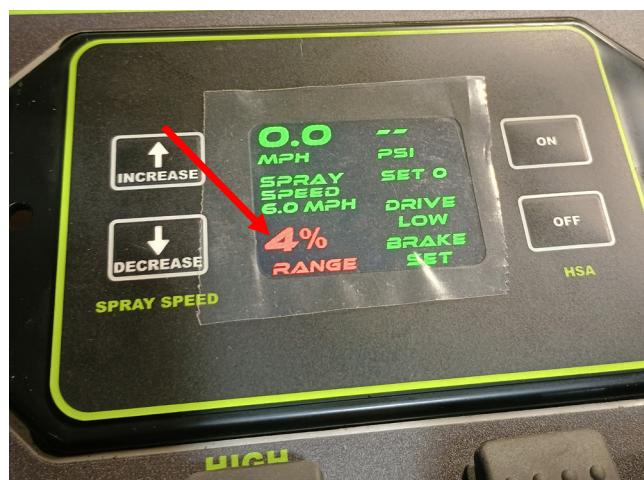
4. Install screws through the charger top & bottom brackets and then onto the wall.
5. Tighten the screws to firmly secure the charger to the wall.
6. Plug the power cord into the side of the charger & then into the wall outlet. A GFCI protected outlet is strongly recommended.

CHARGING:

If the battery percentage reaches 10% or under the screen will turn "YELLOW" & needs to be charged.

! WARNING

If the battery reaches 5% or under the screen will turn "RED" & the vehicle speed will decrease by half.



CARE & MAINTENANCE

CHARGING:

- To turn the power on, press the button on the front.

NOTICE

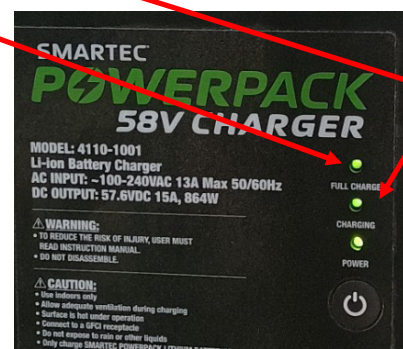
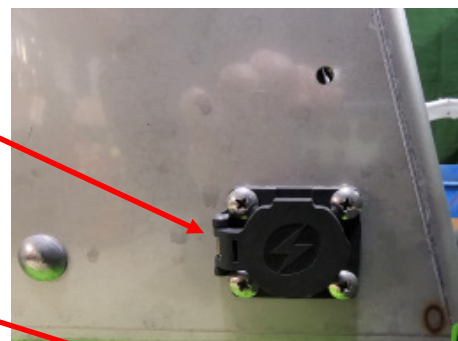
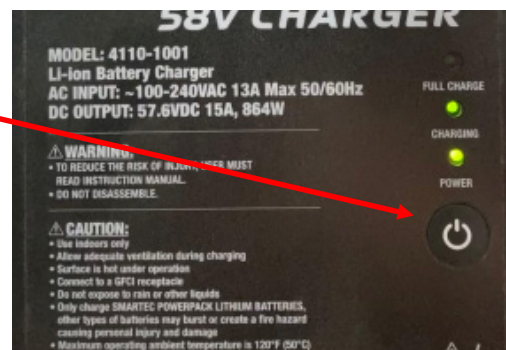
The charger may remain on, even while the machine is not being charged.

- Open the charge port cover located on the left side of the upright.
- Fully insert the charging cord into the port until there is an audible click.
- While charging the “charging light” will flash green.
- The “full charge” light will turn solid green when fully charged Fig. 1.

! WARNING

- If the charging lights on the charger should flash RED, stop & consult with Steel Green service rep.*
- DO NOT turn the key on while charging.*

- When the charging is complete, the machine may stay connected. This maintains full charge of the battery pack.
- When the machine is ready for use, press the release lever on the charge connector & remove it from the machine.



Indicator Light	Color	Meaning
Power	Red	Charger is on. Vehicle is not plugged in.
	Green	Charging or charging is complete
	Flash red	Error encountered. See troubleshooting section.
Charging	Flash green	Charging is in progress
	Green	Charging is complete
Full Charge	Green	Charging is complete

Fig. 1

CARE & MAINTENANCE

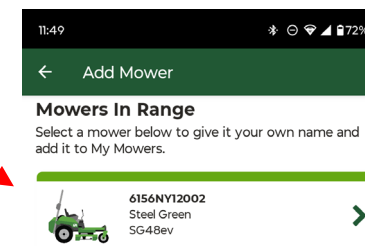
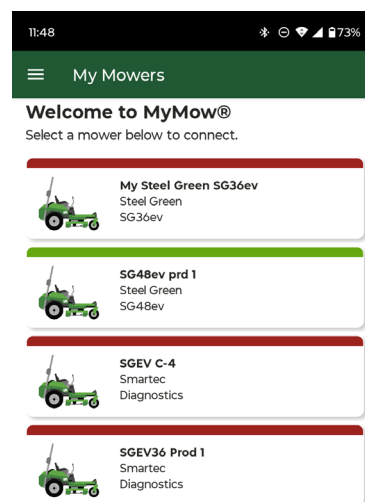
MYMOW APP:

NOTICE

You can check the status of the batteries via the MyMow app. From your cell phone or tablet. The app can be downloaded from the app store.

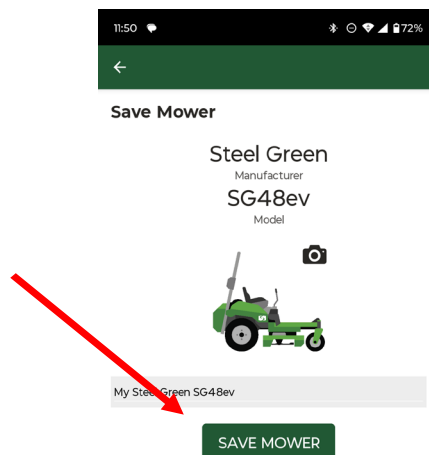
- Be sure the machine power is on & open the app.
- Select the machine to connect & select “add mower”.

- Select the machine to give it your own name & add it to “my mowers”.



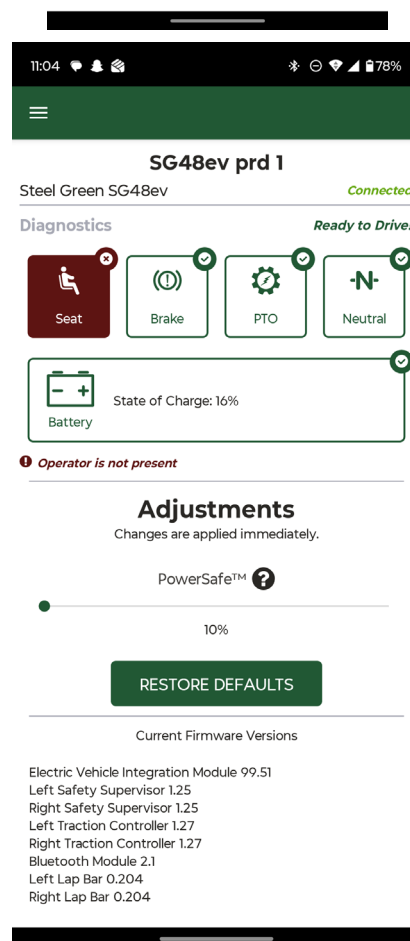
CARE & MAINTENANCE

- Save your machine.



- From the diagnostics screen you can:

Check the status of the battery.
Check current firmware versions.
Check all the drive functions.



CARE & MAINTENANCE

WARNING

During operation if the battery gets below 5%, the machine will slow to half speed in HI or LOW range & will need to be charged. If the battery is completely drained, tow the machine.

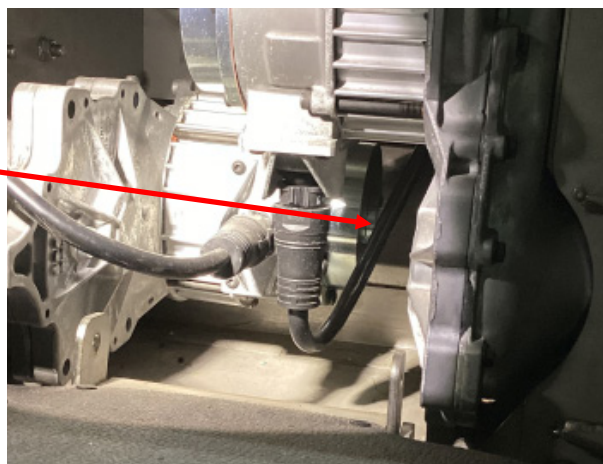
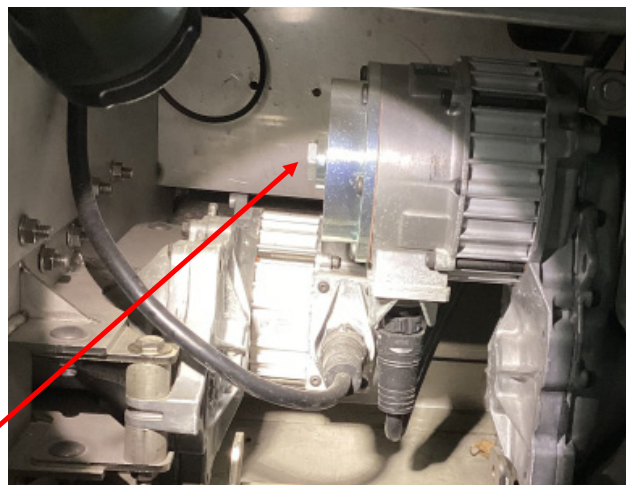
TOWING THE MACHINE

- To tow the machine, loosen the bolts on each wheel motor to unlock it using a 1" wrench.

RIGHT SIDE WHEEL MOTOR

LEFT SIDE WHEEL MOTOR

- Re-tighten the bolts for normal operation.



CARE & MAINTENANCE

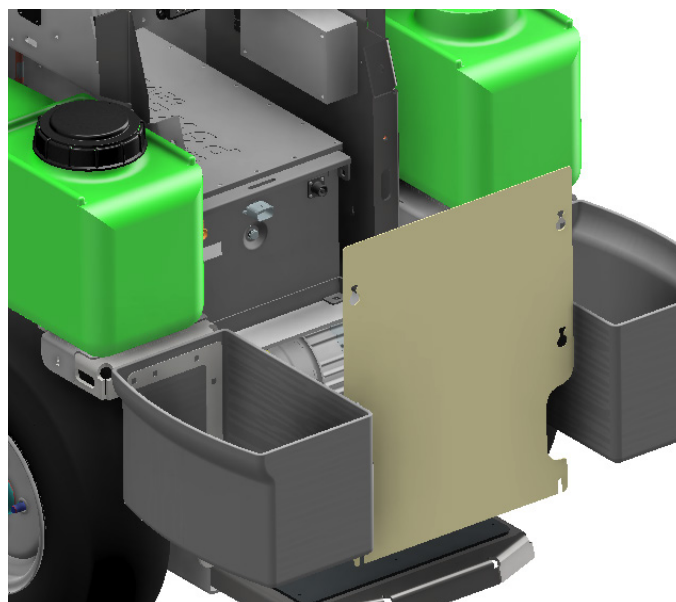
CHANGING THE BATTERY

STEP 1:

- Be sure the machine power is off & remove the knee pad.



- Loosen the 6 bolts & remove the panel.



CARE & MAINTENANCE

STEP 2:

- Disconnect the molex plug. (Fig. 1)

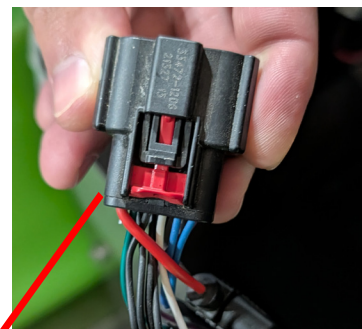


Fig. 1

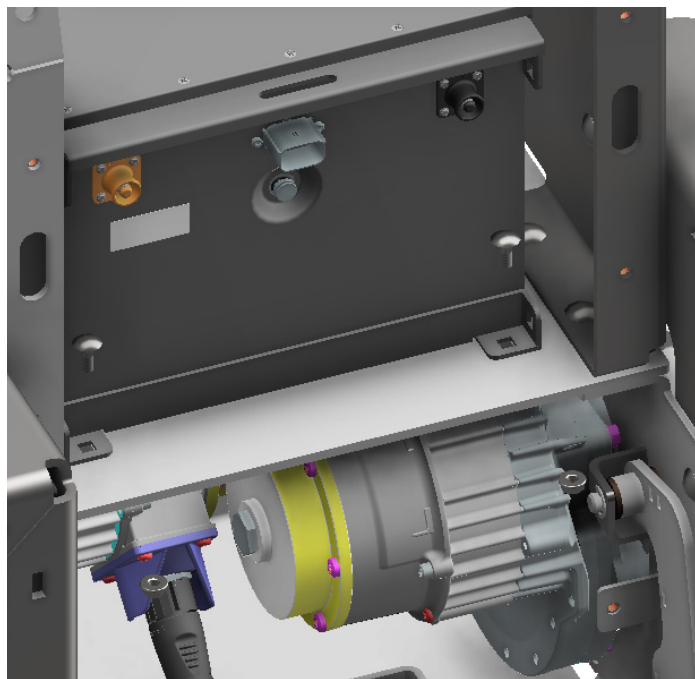


- Disconnect the "orange" cable from the power side.
- Disconnect the "black" cable to the ground side.

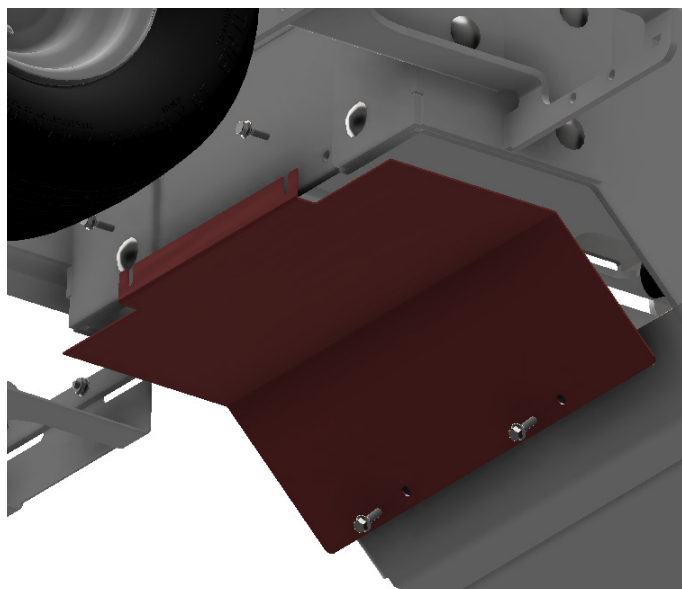
CARE & MAINTENANCE

STEP 3:

- Remove the bolts securing the rear of the battery.

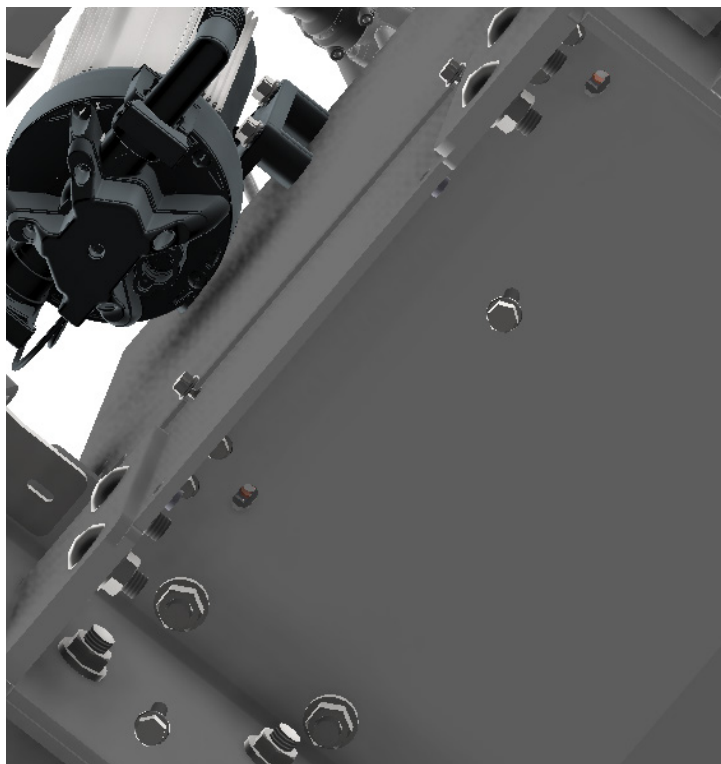


- Remove the belly pan from the bottom of the machine.

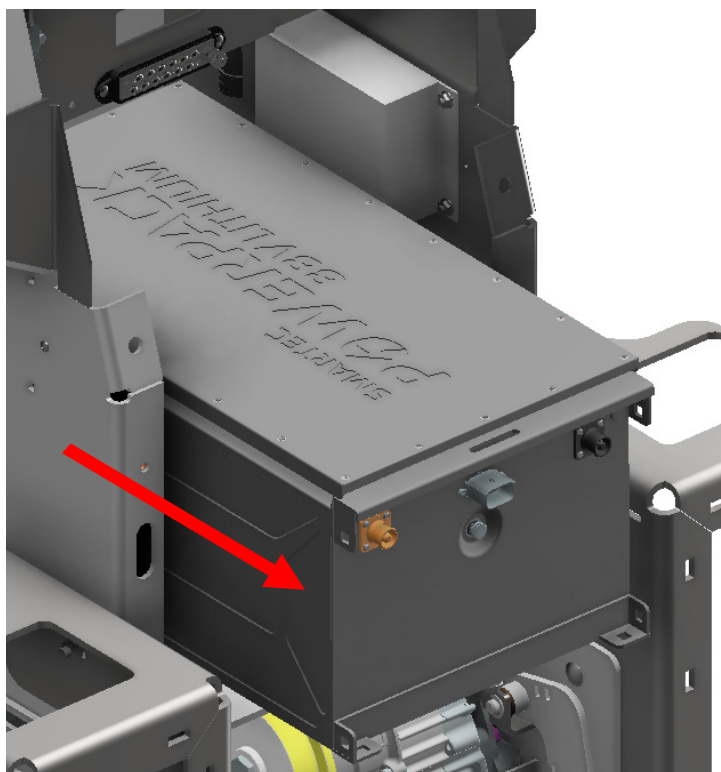


CARE & MAINTENANCE

- Remove the 2 bolts securing the front of the battery.



STEP 4: Slide the battery out the rear of the frame to remove it.



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STEP 4:

- Slide the new battery into the frame & into the locating brackets (Fig. 2).

LOCATING BRACKET

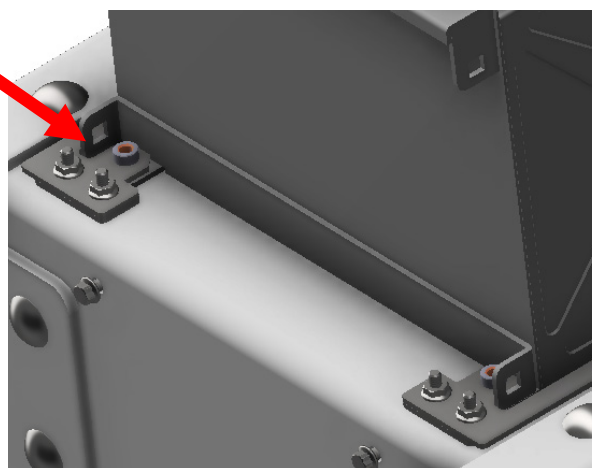
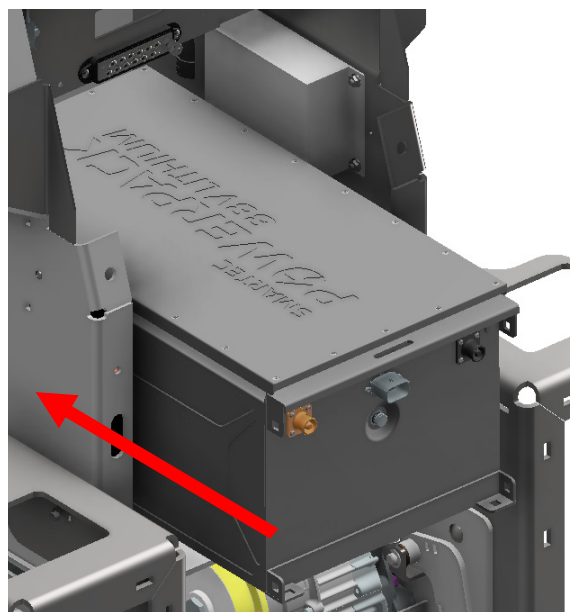
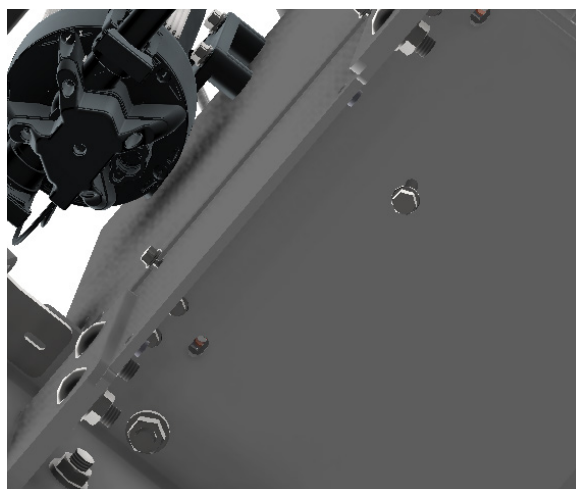


Fig. 2

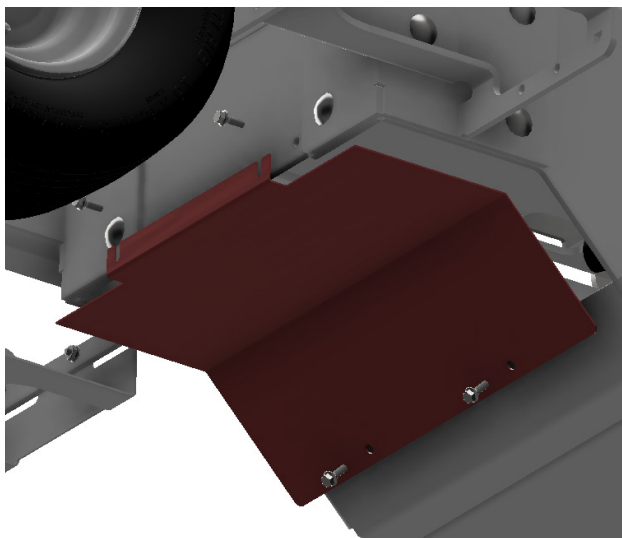
STEP 5:

- Reattach the front of the battery to the frame.

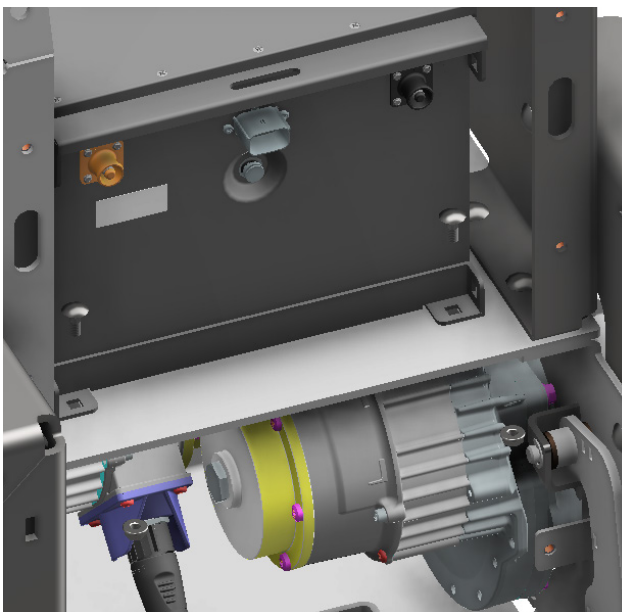


CARE & MAINTENANCE

- Reattach the belly pan.



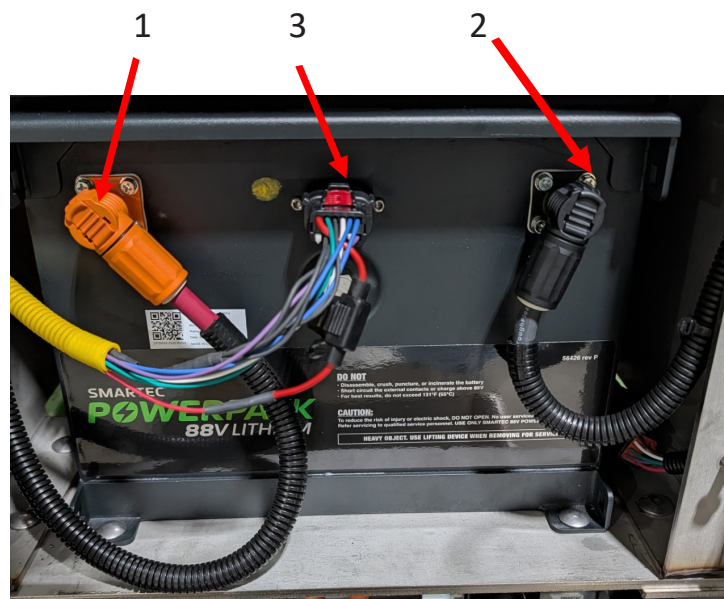
STEP 6: Reattach the rear of the battery.



CARE & MAINTENANCE

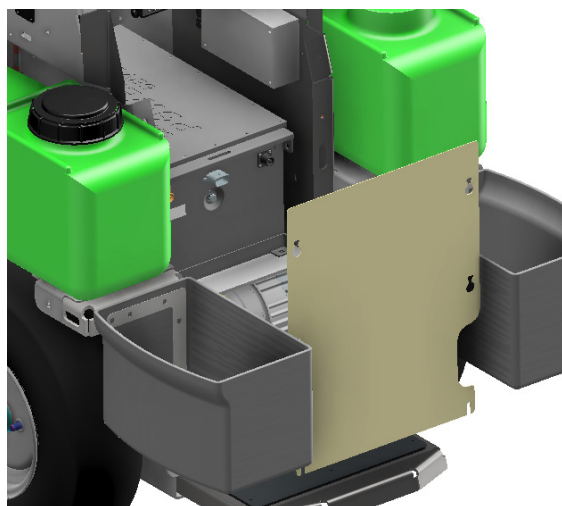
STEP 7:

- (1) Connect the power cable to the battery.
- (2) Connect the ground cable to the battery.
- (3) Plug the molex plug into the battery.

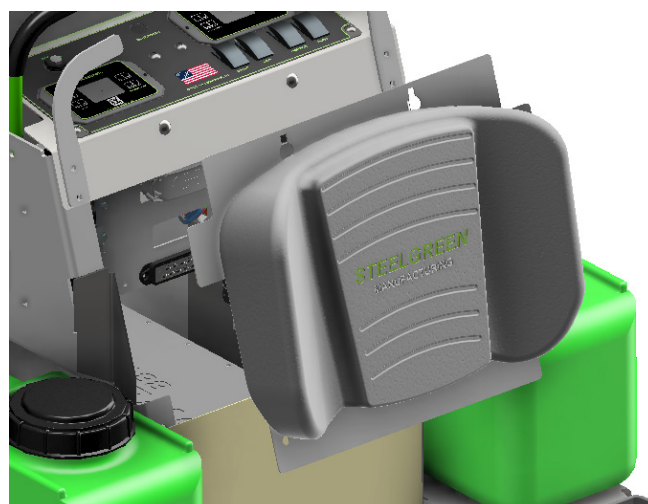


STEP 8:

- Reattach the panel to the upright.



- Reattach the knee pad.



CARE & MAINTENANCE

! WARNING

- *Never lubricate, service, or adjust the machine or spreader while it is moving or running.*
- *Keep hands, feet, clothing, hair, and loose items away from any moving parts.*

! CAUTION

- *Understand service and maintenance procedure before performing any work on this machine or spreader.*
- *Disconnect the battery before making any repairs.*
- *Keep all parts in good condition & operating properly.*
- *Fix damages immediately. Replace all worn or damaged parts.*
- *Check all hardware at frequent intervals to ensure they are tight.*

MAINTENANCE TIPS

- *Always avoid letting product sit in the tanks and pump for an extended period of time.*
- *Blowing off unit is preferred.*

HOPPER CLEANING

- Use appropriate footwear, eye protection, and clothing when cleaning the spreader.
- The key to years of trouble-free service is to keep your spreader clean and dry.
- Never allow material to remain in hopper for extended periods of time.
- Empty material from hopper at the end of each day. *See page 10 for hopper drain instructions.*
- Use a hose or wipe excess material off of the spreader at the end of each day. Avoid the electronics.

! CAUTION

DO NOT directly spray electrical components.

- Open and close the gate as you rinse to avoid buildup of material.
- Quickly towel dry the spreader.

WINTERIZATION:

NOTICE

Proper winterization of the spray system helps to prevent damage to the system due to wintertime freezing. Follow these easy steps:

- 1 Drain all of the remaining liquid from the tanks and spray system.
- 2 Fill the tanks with enough antifreeze to fill the entire system.
- 3 Turn on the liquid pump and open all boom valves until solution is visible out of spray nozzles. Close boom valves.
- 4 Open valve for coil hose and begin spraying solution through the nozzle.

NOTICE

- *When storing the machine for the winter be sure to park it within range of the charger.*
- *To maximize the life of the battery, be sure that the battery's state of charge is between 25% & 50% when long term storage is expected. The battery can also be placed into an "off" state through the Smart-Tec app to further improve long term storage.*

- 5 When the machine sets for 20 days or is in storage for the winter, the batteries will go into sleep mode. To wake the batteries up, connect the charger to the machine (see page 19).

CARE & MAINTENANCE

SUGGESTED SERVICE	ACTION	DAILY	WEEKLY	BI-WEEKLY	MONTHLY	YEARLY	HOURS
Front Caster Yoke	Grease				X		
Front Tire Pressure	22 PSI		X				
Front Tire Bearing	Preload				X		
Rear Tire Pressure	18 PSI		X				
Rear Lug Nut	Torque 75 lbs.				X		
Rear Hub Castle Nut	Check the cotter pin				X		
Frame Hardware	Check all bolts & fastners				X		
Deflector Shield Cable							
Hopper Bottom Bushing	Change if needed				X	Replace	
Hopper Spinner				X			
CLEAN SPINNER DAILY IF NEEDED							
Chemical Leaks	Check		X				
Spray Nozzle Tips							
Spray Nozzle Tip Screens							
Spray Gun Tip							
Spray Nozzle Gasket							
Spray System Hoses			X				
In-Line Filter			X				
In-Line Filter Gasket			X				
Spray Gun Hose Reel\Coil Hose				X			
SG MACHINES		BLOW FERT OFF DAILY					
The suggested maintenance schedule above is recommended for normal use, maintenance will vary for heavier use. SteelGreenMfg. reserves the right to determine usage.							

CARE & MAINTENANCE

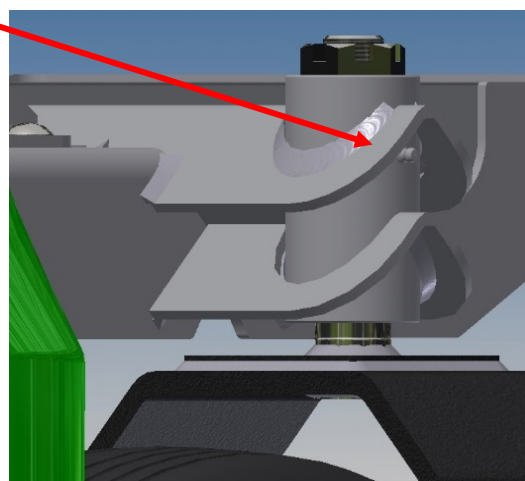
GREASE POINTS:

- There are 2 grease points on a SGEV machine:
- 1 on each of the caster tubes.

NOTICE

Front tires are equipped with sealed bearings.

CASTER TUBE GREASE POINT (BOTH SIDES)





Steel Green Manufacturing, LLC

1-Year Limited Warranty

- A. WHAT IS COVERED** – This Warranty applies to equipment having model numbers SG52, SG46, SG42, and SG36 (“Equipment”) manufactured by Steel Green Manufacturing, LLC, an Indiana limited liability company (“Steel Green”). This Warranty only applies to Equipment purchased directly from Steel Green or an authorized dealer or distributor of the Equipment (“Authorized Dealers”) in the United States. Except for Excluded Parts (as hereinafter defined), Steel Green agrees to repair or replace, at its option, any original component of the Equipment that is defective in material or workmanship (collectively “Warranty Service”). This Warranty begins on the date the product is delivered to the original purchaser and continues for a period of twelve (12) months thereafter (the “Warranty Term”).
- B. WHAT IS NOT COVERED** – This Warranty does not apply to the following categories of equipment: (1) used Equipment, unless there has been an Approved Transfer (as hereinafter defined); or (2) Equipment that has been altered or modified in ways not approved by Steel Green, including, but not limited to, setting injection pump fuel delivery above specifications stated in the owner’s manual. Furthermore, this Warranty does not apply to damage due to any of the following: (1) normal wear and tear; (2) the failure to perform reasonable and proper maintenance; (3) the failure to follow instructions and recommendations in the owner’s manual; (4) negligent or intentional misuse; (5) failure to properly store the Equipment; (6) vandalism; (7) the elements and inclement weather; or (8) collision or accident. “Excluded Parts” means the following parts, which are not covered by and are expressly excluded from this Warranty: (1) consumable parts, such as oil, filters, belts, brakes, and spark plugs; (2) tires; (3) batteries; and (4) the engine. The manufacturers of the Excluded Parts may provide a separate warranty. See manufacturers’ manuals for details.
- C. WHO IS COVERED** – This Warranty extends to the original purchaser of the Equipment who completes and returns the warranty registration card included with the Equipment to Steel Green and to any subsequent owner (collectively “you”), provided the subsequent owner notifies Steel Green of the change in ownership and Steel Green approves the transfer of this Warranty (“Approved Transfer”). An Approved Transfer does not extend the Warranty Term.
- D. HOW IS WARRANTY SERVICE OBTAINED** – To obtain Warranty Service, you must: (1) report the Equipment defect to Steel Green within the Warranty Term; and (2) deliver the Equipment for Warranty Service within a reasonable time thereafter. All Warranty Service must use new or remanufactured parts or components furnished or approved by Steel Green and must be performed by Steel Green, an Authorized Dealer, or a service center approved by Steel Green (“Authorized Service Center”), as directed by Steel Green. This Warranty only covers the costs of parts and labor associated with Warranty Service. You are responsible for delivering the Equipment for Warranty Service, at your sole cost and expense. Steel Green is not responsible for any costs or liability associated with any pickup, delivery, or other transportation required to obtain Warranty Service.
- E. ADDITIONAL LIMITATIONS AND EXCLUSIONS** – Except as expressly provided herein, Steel Green makes no warranties, representations, conditions or promises, express or implied, as to the quality, performance or freedom from defect of the Equipment covered by this Warranty. STEEL GREEN DOES NOT MAKE ANY STATUTORY OR IMPLIED WARRANTIES OR CONDITIONS OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, AND SUCH WARRANTIES ARE EXPRESSLY DISCLAIMED. TO THE EXTENT THEY ARE LEGALLY REQUIRED, ANY IMPLIED WARRANTIES OR CONDITIONS SHALL BE LIMITED IN DURATION TO THE WARRANTY TERM.



STEEL GREEN'S ONLY LIABILITY WITH RESPECT TO THIS WARRANTY AND YOUR EXCLUSIVE REMEDY SHALL BE FOR THE REPAIR OR REPLACEMENT OF PARTS AS SET FORTH HEREIN. NO CLAIM FOR BREACH OF WARRANTY SHALL ENTITLE YOU TO CANCELLATION OR RESCISSION OF THE PURCHASE OF THE EQUIPMENT.

IN NO EVENT WILL ANY AUTHORIZED DEALER, ANY AUTHORIZED SERVICE CENTER, STEEL GREEN OR ANY COMPANY AFFILIATED WITH STEEL GREEN BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES. Examples of such damages include, but are not limited to: (1) the loss or damage to person or property other than that covered by this Warranty; (2) attorneys' fees; (3) claims for lost revenue or lost profits; and (4) rental costs of similar equipment to the Equipment.

SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, OR LIMITATIONS ON THE DURATION OF AN IMPLIED WARRANTY, SO THE ABOVE LIMITATIONS AND EXCLUSIONS MAY NOT APPLY TO YOU. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, BUT YOU MAY ALSO HAVE OTHER RIGHTS, WHICH VARY FROM STATE TO STATE.

F. NO OTHER WARRANTIES – NO OTHER PERSON OR ENTITY, INCLUDING ANY AUTHORIZED DEALER, HAS AUTHORITY TO MAKE ANY WARRANTY, REPRESENTATION, CONDITION OR PROMISE ON BEHALF OF STEEL GREEN, OR TO MODIFY THE TERMS OR LIMITATIONS OF THIS WARRANTY IN ANY WAY, WHETHER ORALLY OR IN WRITING. STEEL GREEN MAKES NO OTHER WARRANTY RELATED TO THE EQUIPMENT OR ANY OTHER ITEM UNLESS IT DELIVERS TO YOU A SEPARATE WRITTEN WARRANTY.

G. CONTACT – To obtain a replacement warranty registration card or report a defect in any Equipment, to find the nearest Authorized Dealer or Authorized Service Center or report your dissatisfaction with their assistance, or to otherwise obtain information regarding this Warranty, please contact Steel Green.

Steel Green Manufacturing LLC
Attn: Customer Service
824 S State Road 39
Lebanon, Indiana 46052
(765) 481-2890
sales@steelgreenmfg.com
Steelgreenmfg.com



WARRANTY REGISTRATION FORM

Fill out form completely and return to **Steel Green Manufacturing**

Email: sales@steelgreenmfg.com

Mail: 824 S State Road 39, Lebanon, IN 46052

CONTACT INFORMATION

Company Name: _____

Contact Name: _____

Street: _____

City: _____ State: _____ ZIP Code: _____

Phone: _____ Email: _____

MACHINE INFORMATION

Serial Number: _____ Date of Purchase: _____

Dealer Name: _____

Street: _____

City: _____ State: _____ ZIP Code: _____

Phone: _____ Salesperson: _____



steelgreenmfg.com (765) 481-2890    @SteelGreenMFG

