

STORM COMMANDER®

OWNER'S MANUAL




Product Code:
CEC056

Version 1.1

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INTRODUCTION

Congratulations! You now own a Camion™ Storm Commander®.

Take a look through this owner's manual to learn how the pros use their Camion™ Storm Commander® controller.

OVERVIEW



OVERVIEW DESCRIPTION

1. Synced Indicator Light (Red-not connected, Green connected).
2. Target Rate Indicator, Shift/Site Totals.
3. Actual Rate Gallons per Acre (GPA)/Volume.
4. Geofence Location, gallons used/left, GPS speed.
5. Auxiliary 1 (work light).
6. Left spray toggle switch.
7. Center spray toggle switch.
8. Right spray toggle switch.
9. Main boom activation toggle switch.
10. Tank fill button.
11. Auto GPS/manual mode button.
12. Target rate decrease adjustment button.
13. Target rate increase adjustment button.
14. Main power button.
15. Settings menu icon.
16. Display brightness icon.

WARNINGS

1. Always make sure controller is in a safe place in the vehicle and is secured in a location where it does not obstruct view of surroundings.
2. Always pay attention when operating the controller when vehicle is moving.
3. Always make sure Storm Commander® is hooked up to the correct power supply.

GETTING STARTED

Storm Commander Setup

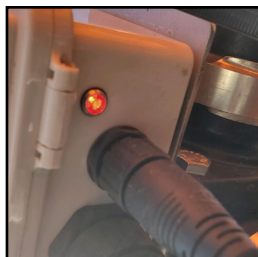
1) Turn on vehicle key to power up the RV plug so your Storm Commander® has power.



2) To power up the receiver box at the back of unit, plug the RV socket into the 7 pin plug on back of truck.



3) The red light on the bottom of the receiver box will blink red to signal power is activated to the box.



4) Make sure your 3-way banjo valve handle on your unit is pointing towards the tank allowing the liquid return back to the tank.



GETTING STARTED

Storm Commander Setup

5) Hook up Storm Commander® control box arm to back of controller and install controller mount into the cupholder of the vehicle cab.



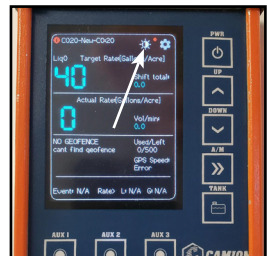
Important Tip:

The control unit in the cab needs an unobstructed view to GPS signal and shouldn't be covered or shielded with objects. The drink holder is usually an ideal location.

6) Connect the power cable extension harness into the controller and plug the other end into the cigarette lighter socket on the vehicle.



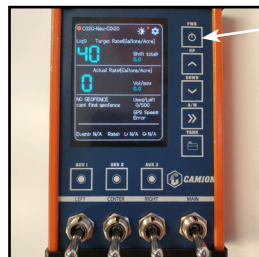
7) To adjust your screen brightness, press the power button on the controller then, press the light icon at the top right of the screen to the left of the settings icon.



GETTING STARTED

Pairing Storm Commander with Unit

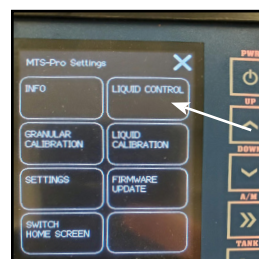
1) Press the power button on the top right corner of the controller to power up.



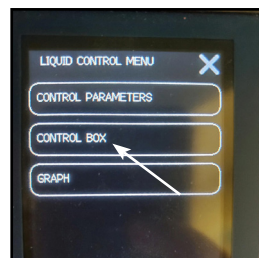
2) Press and hold settings button on the top right corner of the screen for a couple seconds or until it activates a long beep.



3) Press 'Liquid Control' button to get to liquid control menu.



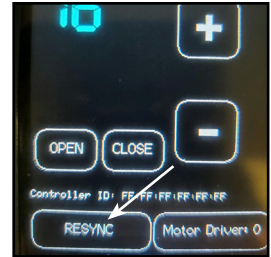
4) Press 'Control Box' button to get to the controller pairing screen.



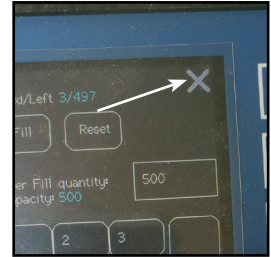
GETTING STARTED

Pairing Storm Commander with Unit

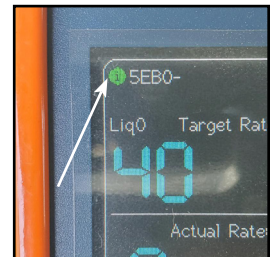
5) Press 'Resync' button - your controller will pair with the receiver box on the sprayer. Controller display will now show ID numbers above resync button.



6) X out of the screen by hitting the top right-hand corner of the screen.



7) The top left-hand corner of the screen will display a green circle showing the unit is paired with the receiver box. (if light is still red, repeat steps 2-6).



GETTING STARTED

Confirming Controller is Synced to Unit

1) Turn the main boom activation toggle switch on to activate spray control.



2) Press the A/M button to activate 'Manual' mode allowing you to test valves are operating.



3) Turn 'Left', 'Center', and 'Right' toggle switches on to verify the unit is connected and then turn back off to close the valves. You should be able to hear the valves opening and closing.



4) Press the A/M button again to activate 'Auto' mode. This will ensure your GPS is activated.



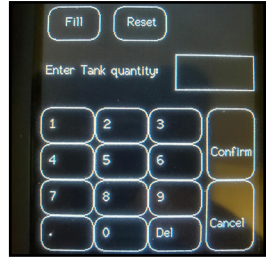
GETTING STARTED

Filling Unit with Liquid

1) Before filling your unit with liquid, press the tank fill button near the bottom right of the controller screen. Then fill your sprayer tank with liquid.



2) Once the tank is filled, key in the total gallons in your tank and hit confirm. (e.g. if you have a 500 gal tank, key in 500, then press confirm).



GETTING STARTED

Getting Ready to Spray

1) Set your target spray rate by simply pressing the up and down arrow keys. This will change rate in 5 gallon increments. Set your desired gallon per acre (GPA) rate.

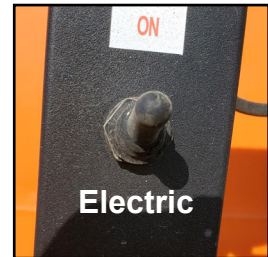


2) Ensure your pump motor is powered on and running.

Electric - ensure power switch is on (as shown in pic).

Gas - ensure engine is running.

Hydraulic - ensure hydraulics are engaged.



3) Controller should now be activated and ready to spray. Activate your desired boom sections and begin spraying.



GETTING STARTED

Resetting Shift/Site Settings.

1) The Shift/Site total alternates on screen. To get to 'shift total', wait until display shows 'shift total', then press the shift icon. To get to 'site total', wait until display shows 'site total', then press the site icon. This will automatically take you to the reset screen.



2) Shift total is the amount in gallons that is sprayed over a length of time.
a. To reset shift total, wait for controller to display 'shift total', then press icon.
b. Then, hit reset and x out of screen to return to home screen.



3) Site total is the amount of gallons that are sprayed per location.
a. To reset site total, wait for controller screen to display 'site total', then press icon.
b. Then, hit reset and x out of screen to return to home screen.



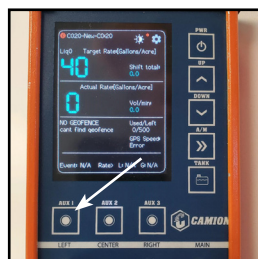
GETTING STARTED

Add-On Option

1) If your unit has an auxiliary work light, turn your toggle switch on at the work light. This switch is located directly below the work light.



2) To turn on your auxiliary work light from the controller, ensure the toggle switch in step 1 is on, then press the AUX 1 button on the bottom left of the screen. This button switches the light on and off from the cab controller.



MAINTAINING

Keeping your Storm Commander controller in good condition will help you lengthen the life of the components. Everyone knows a well maintained piece of equipment ensures a longer life span.



Watch Instruction Videos:

www.youtube.com

Discover More Helpful Tips:

www.icecontroltraining.com

TROUBLESHOOTING

CONDITION	CAUSE	REMEDY
Unit not powering on.	Power supply.	<ol style="list-style-type: none"> 1. Ensure your unit is plugged in. 2. Make sure cable is connected properly. 3. Make sure vehicle key is on and there is power at the plug socket.
Insufficient flow rate.	<ol style="list-style-type: none"> 1. Not applying correct amount of liquid. 2. Driving too fast for your spray rate. 	<ol style="list-style-type: none"> 1. Ensure tank on unit has sufficient liquid inside. 2. Slow vehicle speed to get an effective mph range.
Controller not communicating with spray unit.	<ol style="list-style-type: none"> 1. Controller not paired with unit. 2. No power to control box on back of unit. 3. Harness unplugged. 	<ol style="list-style-type: none"> 1. Walk through steps to re-pair controller to control box. 2. Check to verify that there is power at 7 pin plug. 3. Check all harness connections.
Screen too dark or too bright.	Incorrect contrast setting.	Tap the contrast light icon and adjust to desired lighting.

WARRANTY

1. Poly Tank Limited Warranty - Subject to other terms in this Limited Warranty, Manufacturer warrants to the original end user that this Tank will be free from material defects caused during the manufacturing process for a period of 5 years from the Purchase Date provided such warranty to the original end user shall be extended to 10 years from the Purchase Date if the original end user registers the Tank with Manufacturer within 30 days of the Purchase Date. To register the Limited Warranty, registration must be completed in accordance with the requirements set forth at enduraplaswarranty.com

Other Products and Parts Limited Warranty - Subject to other terms in this Limited Warranty, Manufacturer warrants to the original end user that products and parts manufactured by Manufacturer (other than tanks) will be free from material defects caused during the manufacturing process for a period of 1 year from the Purchase Date unless otherwise expressly stated in writing by Manufacturer that an extended warranty applies.

2. Other Warranties Disclaimed and Excluded

THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, WHICH EXTEND BEYOND THE LIMITED WARRANTY HEREIN STATED, AND MANUFACTURER EXPLICITLY DISCLAIMS AND EXCLUDES ANY AND ALL OTHER WARRANTIES INCLUDING BUT NOT LIMITED TO WARRANTIES OF MERCHANTABILITY, FITNESS FOR PARTICULAR PURPOSE, CUSTOM OR USAGE OF TRADE, AND COURSE OF DEALING. NO AGENT, EMPLOYEE OR REPRESENTATIVE OF MANUFACTURER HAS AUTHORITY TO BIND MANUFACTURER TO ANY REPRESENTATION OR WARRANTY EXCEPT AS STATED IN THIS LIMITED WARRANTY.

3. Limitation of Liability under the Limited Warranty - In addition to those warranties disclaimed and excluded in clause 2 above, Manufacturer expressly further limits its warranty and liability under the Limited Warranty as set forth below in this clause 3.
- 3.1. The liability of Manufacturer under this Limited Warranty is excluded to the extent that any defect has been caused or contributed to by:
- a) any accident, contamination, tampering, willful damage, abuse, modification, improper storage, improper use (including but without limitation the storage of material) or negligent act of, or omission by, any person other than Manufacturer;
 - b) the improper installation of the Goods, or deterioration of the base on which any of the Goods rest or are mounted to;
 - c) any damage to the Goods caused by storm, wash away, landslide, mudslide, lightning, or any other natural phenomenon, vermin or other pests, and any undermining of the base of the Tank through any cause whatsoever;
 - d) the repositioning of the Goods from their original installation;
 - e) weathering or degradation of the Goods due to extreme climatic conditions;
 - f) improper installation of extra fittings;
 - g) any staining or discoloration, including from trees or ash fall-out from fires or other causes;
 - h) a Tank not being placed on a base that is free of any protruding objects of any kind;
 - i) a Tank being used for any purpose other than the storage of suitable liquids at the ambient temperatures.

3.2. Without limiting the generality of clause 3.1:

- a) Manufacturer will not be liable for any personal injury, indirect or incidental damages, consequential losses, loss of liquids, loss of profit or any like claims whatsoever arising from any use of, or incidental to, or repairs to any of the Goods by a party other than Manufacturer;
- b) to the extent that any component or material (including, but without limitation the polyethylene) used in the manufacture of any of the Goods is supplied and/or manufactured by a third party, the liability of Manufacturer is limited to Manufacturer's right of redress (if any) against the third-party supplier/manufacturer;
- c) Tanks feature a vented lid at the time of manufacture. Any subsequent pressurization of the Tank by removing the vent, sealing the vent, or otherwise will cause this Limited Warranty as to such Tank to be null and void.
- d) The liability of Manufacturer under this Limited Warranty is limited to, at Manufacturer's discretion:
- e) providing a replacement Good (including shipping but excluding other replacement costs);
- f) refunding an amount equal to a sum equal to the current Retail price divided by the months in the warranty, multiplied by the months remaining in the warranty period;
- g) repairing the Good at no cost.

4. Proof of Purchase - The original invoice or other similar proof of purchase of the applicable must be provided by Purchaser to Manufacturer when making a claim under this Limited Warranty. Warranty claims must be received in writing by Manufacturer within the Limited Warranty period.

5. Claims and Questions - If you have questions about this Limited Warranty or to make a warranty claim, contact Manufacturer at: customercare@enduraplas.com
6. Definitions - For this Limited Warranty the following definitions apply:
 - a) Manufacturer means Enduraplas LLC.
 - b) Purchase Date means the date upon which the applicable goods were purchased by the original end user.
 - c) Purchase Price means the actual price paid for the Tank by the original Purchaser.
 - d) Tank means the storage Tank manufactured by Manufacturer and purchased by the original end user Purchaser being the subject matter of the Limited Warranty.
 - e) Good(s) mean Tanks and/or other products or parts manufactured by Enduraplas LLC.
 - f) Limited Warranty means this written Limited Warranty.
7. State Law - Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation and exclusion may not apply to certain parties. Some states do not allow limitation on how long an implied warranty lasts, so the above limitation may not apply to certain parties. This limited warranty gives specific legal rights and other rights, which vary from state to state, may also apply.
8. Governing Law - This Limited Warranty will be governed by the laws of the State of Minnesota, without giving effect to any choice of law rule that would cause the application of the laws of any other jurisdiction.



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Discover More Helpful Tips:
www.IceControlTraining.com