

STORM COMMANDER®

OWNER'S MANUAL



Product Code:
CEC056

Version 1.3

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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. Pump on/off button.
6. Auxiliary 1 (work light).
7. Left spray toggle switch.
8. Center spray toggle switch.
9. Right spray toggle switch.
10. Main boom activation toggle switch.
11. Tank fill button.
12. GPS speed indicator.
13. Auto GPS/manual mode button.
14. Gallons used/left.
15. Target rate decrease adjustment button.
16. Target rate increase adjustment button.

OVERVIEW DESCRIPTION

17. Shift/Site total. Display brightness icon.

18. Main power button.

19. Settings menu icon.

20. Cell service indicator. (Red-not connected, Green connected).

21. 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

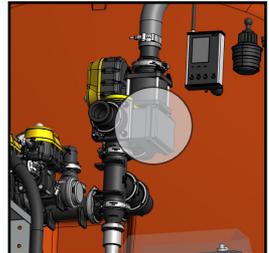
1) Plug in your 12v outlet plug in vehicle cab to power up your Storm Commander®.



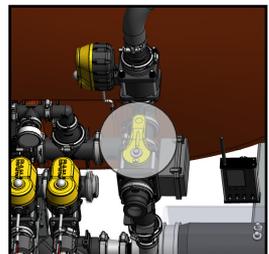
2) To power up the receiver box at the back of unit, plug the power cable into the 7 pin plug on back of truck.



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 to power 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 red circle that will turn green when 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) With main switch on, 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 you auxiliary work light from the controller, ensure the toggle switch in step 1 is on, then press the AUX 2 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.lceControlTraining.com

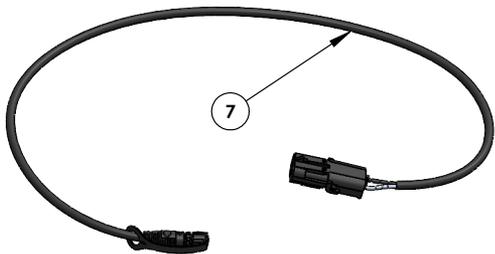
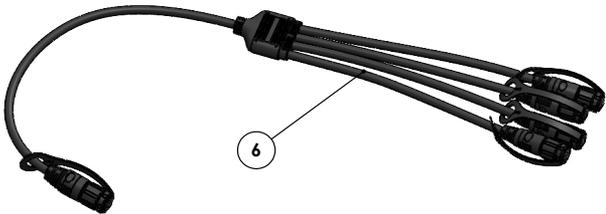
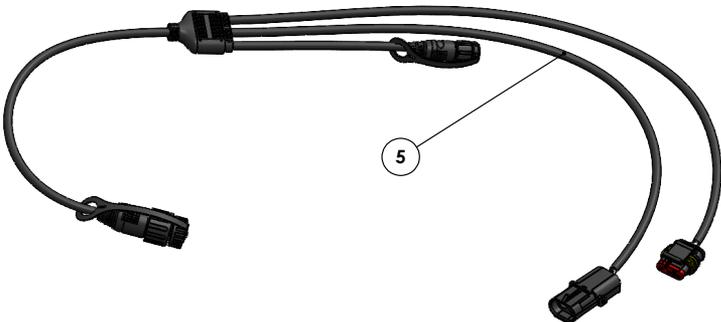
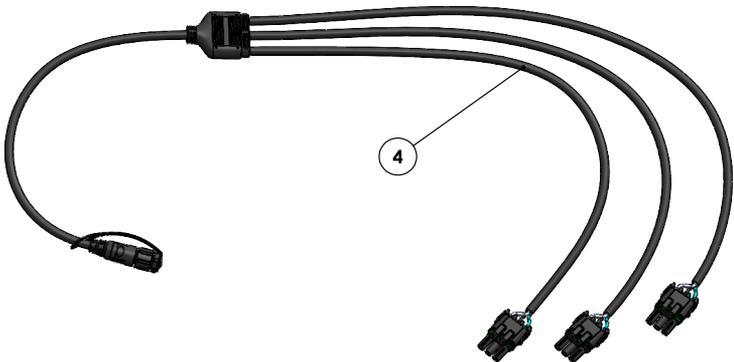
TROUBLESHOOTING

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.

HARNESS COMPONENTS

ITEM NO.	PART #	DESCRIPTION	QTY.
1	CEC063	SC InCab Ctrl	1
2	CEC064	SC Pwr Cord InCab Ctrl	1
3	CEC066	SC Pwr Cord Receiver	1
4	CEC067	SC Pwr Cable 3 Sec Boom	1
5	CEC068	SC Ctrl Cable FM-Valve	1
6	CEC069	SC Ctrl Cable Aux Pwr Split	1
7	CEC070	SC Aux Pwr Cable WP Plug	1





WARRANTY

CAMION® LIMITED WARRANTY:

Camion®, a division of Enduraplas, LLC ("Camion®") agrees to provide this non-transferable, non-assignable limited warranty ("Limited Warranty") to the original end-user purchaser ("Buyer") only of registered Camion® products ("Camion® Products") pursuant to the terms and conditions provided herein. By accepting delivery of Camion® Products the Buyer likewise agrees to the written terms and conditions of this Limited Warranty. This Limited Warranty give the Buyer specific legal rights and the Buyer may have other rights that vary from state to state.

A. LIMITED WARRANTY COVERAGE

Camion® Products Complete Product Limited Warranty - Subject to the terms and conditions of this Limited Warranty, Camion® warrants to the Buyer of Camion® Products that it will be free from defects in workmanship for a period of one (1) Year after the date of the original purchase. At its sole option, Camion® will repair or replace defective parts at no charge for parts and labor.

Camion® Products Proprietary Parts and Frames Limited Warranty - Notwithstanding the foregoing and subject to the terms and conditions of this Limited Warranty, Camion® warrants to the Buyer of Camion® Products that the parts and frames will be free from material defects in materials and workmanship for a period of one (1) Year after the date of original purchase. At its sole option, Camion® will repair or replace defective parts at no charge for parts, but labor shall be the responsibility of the Buyer.

Third Party Parts and Components - This Limited Warranty does not cover certain third party manufactured parts and components, as such parts and components are covered by separate limited warranties provided by such third party manufacturers. For information regarding said limited warranties, please see each individual third party limited warranty.

Camion® Products Polyethylene Tank Limited Warranty - This Limited Warranty does not cover Camion® Products Polyethylene Tanks(s), as such materials are covered by a separate limited warranty provided by Enduraplas®, LLC. For Information regarding said limited warranty, please see the Enduraplas® Limited Warranty.

B. WHAT THIS LIMITED WARRANTY DOES NOT COVER

Camion® does not provide any warranty coverage, not have any liability or responsibility for any defects, costs, expenses, or damages relating to any of the following:

- Expendable parts, such as nuts, bolts, etc. or any parts not furnished by Camion® or any damage caused by such parts.
- Airborne chemicals, road debris, salt, hail, floods, fire, windstorms, lightning or other acts of nature and other environmental conditions.
- Water contamination.
- Any part or product installed, repaired, or altered by anyone other than a Camion® Products authorized dealer or any damage caused by such parts or products.
- Normal maintenance services.
- Incidental or consequential damages, including but not limited to inconvenience, transportation, person injury, loss of property or loss of revenue.
- Parts or products that have been subject to abuse, negligence, accident, theft, tampering, misuse, neglect, corrosion, mishandling, improper maintenance, lack of or improper maintenance, care or storage.

WARRANTY

Installation of Camion® Products to a vehicle, including modification of Camion® Products or any such vehicle, is entirely at the Buyer's risk and expense, and compliance with motor vehicle regulations is the responsibility of the Buyer. Camion® is not responsible for any damage whatsoever to vehicles caused by installation or use of Camion® Products equipment.

Camion® Products are not intended for personal, family or household use and, as such, this Limited Warranty does not cover such use.

C. OTHER WARRANTIES DISCLAIMED AND EXCLUDED

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

D. PROCEDURE FOR OBTAINING WARRANTY COVERAGE

To submit a Limited Warranty claim, the Buyer must notify Camion® of the claimed defect within ten (10) days that the defect becomes known, in writing, at: cs@camionsystems.com. The original invoice or other similar proof of purchase of the applicable product or part must be provided by the Buyer to Camion® when making a claim under this Limited Warranty. Warranty claims must be received in writing by Camion® within the Limited Warranty period. To obtain service pursuant to this Limited Warranty, the Buyer must return the defective product or part to any Camion® Products authorized dealer (preferably, the dealer from whom the product or part was purchased). The Buyer shall be responsible for all transportation expenses to and from said dealer and accepts all risk of any damage in transit. To locate the nearest Camion® Products authorized dealer, please see the dealer locator at www.camionsystems.com.

The Limited Warranty is given solely to the Buyer and may not be transferred or assigned to any other person.

If you have questions about this Limited Warranty, contact Camion® at: cs@camionsystems.com.

E. GOVERNING LAW

This Limited Warranty will be governed by the laws of the State of North Dakota, without giving effect to any choice of law rule that would cause the application of the laws to any other jurisdiction. Any disputes regarding matters relating to the Limited Warranty will be resolved exclusively in the State of North Dakota and all parties consent to such jurisdiction. RIGHTS TO A JURY TRIAL, CLASS ACTION AND CONSOLIDATED DISPUTE RESOLUTIONS PROCEEDINGS ARE HEREBY WAIVED TO THE FURTHEST EXTENT PERMITTED BY LAW.

F. DISCLAIMER OF EXPENSES AND DAMAGES

The performance of necessary repairs and replacements, as determined by Camion® in its discretion, is the sole and exclusive remedy under this Limited Warranty or any implied warranty. Camion® does not authorize any person, including Camion® Products authorized dealers, to create for it any other obligation or liability in connection with Camion® Products. Except to the extent prohibited by applicable law, Camion® shall not be liable for personal injury, property damage, loss of liquid, loss of profit, incidental, consequential, contingent or special damages, or any other damages resulting from the use of, or inability to use, Camion® products whether based on breach of this written Limited Warranty or any implied, breach of contract, negligence or strict liability.



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