



VOIGT SMITH INNOVATION

Owner's Manual

Genesis Series

305E, 500E, Power Bundle E

IMPORTANT: READ THIS MANUAL IN ENTIRETY BEFORE OPERATING

Warranty Notice:

This equipment comes with the following warranties:

- **One year** - All other parts on your equipment are warranted against defects through VSI for one year from the date of purchase.

This warranty is a parts and technical support only warranty and does not include labor.

Corrosion related issues including wire connections are not qualified warranty items.

We are not responsible for loss of product or productivity due to failures of any kind

In order to preserve your warranty status please go through the warranty registration form and procedure. This warranty registration was provided when the equipment was purchased. If you cannot locate this form please contact sales@vsinnovation.com or find the warranty registration form at:

<https://vsinnovation.com/pages/vsi-product-warranty-and-registration>

Failure to register this warranty may result in a denied claim due to improper setup, use or installation of equipment.

Your warranty will be void due to abuse, misuse, neglect, alteration, modification, improper handling, improper installation, improper maintenance or failure to follow the instructions and procedures in the VSI manual and warranty registration form.

Getting Started

This unit is powered via the battery on the vehicle it is mounted on. The power harness must be run from the unit, to the battery, and the controller harness must be run from the unit to the cab of the vehicle. All connections are plug connectors to allow for easy installation. Your controller has a three way switch on it. When positioned in the middle, your unit will be off. When the switch is turned into the up position, it will activate the pumps and turn the boom on. When the switch is turned into the down position, it will turn on the pumps and your spray hose will be ready to use.

Installation

Installation for Genesis 305E and Genesis 500E

Step One: Mount the unit on the vehicle it will be used on by bolting it down or using the integrated chain hooks.

Step Two: Locate your power harness. This harness will have a plug on one end that plugs into the unit and battery terminal connectors on the other end with another plug for the controller harness. Once you've identified this harness, you must route it on your vehicle from the battery to the unit. Connect the harness to the battery terminals and plug into the unit.

Step Three: Locate your controller harness which will have a plug on one end and the controller on the other. This harness must be routed from the cab of your vehicle to the plug located near the battery terminal end of the power harness.

Step Four: Assemble your boom and connect it to the output valve with the provided plumbing.

Installation for Genesis Power Bundle E

Step One: Mount the unit on the vehicle it will be use on by bolting it down or using the integrated chain hooks.

Step Two: The Genesis Power Bundle E is designed to be connected to an auxiliary tank or tote. With the added hardware, you must connect the intake to the bottom of the tank you are connecting to. If this is a tote, you can connect right to the bulkhead at the bottom. If it is a separate tank, you may need to attach a bulkhead at the bottom to connect to.

Step Three: Locate your power harness. This harness will have a plug on one end that plugs into the unit and battery terminal connectors on the other end with another plug for the controller harness. Once you've identified this harness, you must route it on

your vehicle from the battery to the unit. Connect the harness to the battery terminals and plug into the unit.

Step Four: Locate your controller harness which will have a plug on one end and the controller on the other. This harness must be routed from the cab of your vehicle to the plug located near the battery terminal end of the power harness.

Step Five: Assemble your boom and connect it to the output valve with the provided plumbing.

Components

Controller

The controller for this unit has three options. In the center position, your sprayer is “off.”

Spray Bar

Your spray bar is hitch mounted and should be around 24” off the ground. There are two options on your spray bar. The fan tip is located parallel to the ground and sprays a fan pattern roughly the width of the vehicle. This will be used mainly for pretreating. Your other option is the pencil tips which are connected to via the connector perpendicular to the ground. This will spray jets of liquid the entire width of the boom and is typically used for post treatment applications.

Hose Reel

Your hose reel is a Coxreel 50’ manual hose reel. To use, simply pull the gun out to the desired length and quit pulling during the series of clicks the hose reel makes while pulling out the hose. This will temporarily lock it at desired length. You can then use the gun by pulling the trigger. Spray can be adjusted by using the orange dial with tabs located just up from the handle. It is not adjusted by turning the head of the gun. Once done spraying, you can retract the hose by giving it a slight tug past the series of clicks and then walking towards the unit as it rewinds itself.

Filter

To the left of the control panel you will find the filter. All the liquid in the tank passes through this filter prior to entering the system. While rare to have debris in your tank, this will prevent any from making its way into the pumps. If you feel your unit’s flow has decreased significantly, this is one of the first things you should check.

Pumps

Under the control panel you will find the two Delavan pumps that move the liquid in your unit.