



# BRITE STRIPER<sup>®</sup> 5500



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## INSTRUCTION MANUAL & PARTS LISTING

800-877-1500

[www.pioneerathletics.com](http://www.pioneerathletics.com)

## **Congratulations on your purchase of a new Brite Striper® 5500!**

Turn your new and versatile electric field marking machine into a truly **green** package with Pioneer's Brite Stripe Ultra-Friendly:

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BRITE STRIPE®**

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EPA recognized field marking paints.**



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safer chemistry.  
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to find the following helpful resources:

### **Pioneer Athletics**

**Blog** discussing the tips, tricks, technology, research, tradeshow, and updates in the athletic field painting and maintenance industry.

### **Athletic Field**

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4529 Industrial Parkway  
Cleveland, OH 44135

**Brite Striper® 5500**

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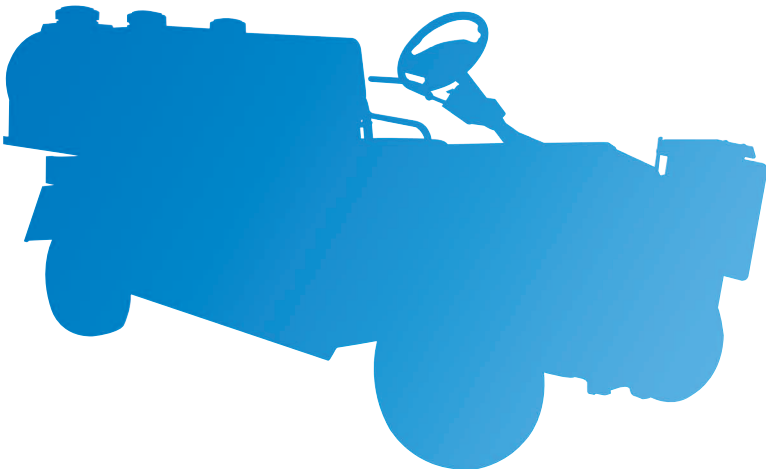
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FOR ADDITIONAL INFORMATION REFER TO THE CLUB CAR MANUAL



1. Using the appropriate knob, choose either paint or water, depending on which substance you want to pump through the line.

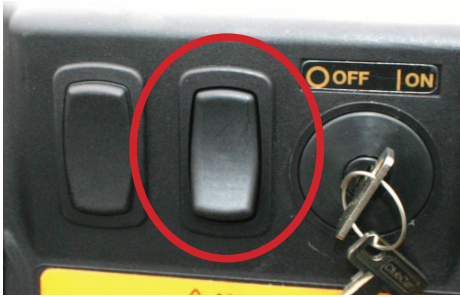


2. If using paint, choose the paint tank you want to use by turning the knob towards the appropriate tank.
3. Push the electric pump switch on the dash of the vehicle to the down or “on” position. The pump will operate until appropriate pressure is achieved.\*

\*The pressure switch reacts to outlet pressure, and interrupts power at the preset shutoff pressure. When outlet pressure drops below a predetermined limit the switch will close and the pump will operate until the shut-off pressure is achieved.

**CAUTION:** Cycling for more than 15 seconds can damage the pump motor. It is best to operate the pump only when striping since the pump is self priming.

4. Prime the pump by setting the pressure selection knob to “High.” Once primed, adjust to the desired pressure. If pump is rapidly cycling, lower pressure until cycling stops.



5. Lower the Brite Striper® 5500 spray arm.

6. Turn the paint control switch, located on the steering column, to the on position.



**STRIPING TIP:** To get desired lines, practice in a designated area before striping fields to achieve correct pressure and line width.

# CLEANUP GUIDE

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1. Flush paint out of the hoses by switching the appropriate knob from “paint” to “water”
2. Open the ball valve on the paint tanks to empty extra paint into a bucket.
3. If you have less than 5 gallons remaining, you can lift the bed to assist with draining the paint.
4. Rinse the tanks thoroughly with a garden hose and flush the paint lines with a PHD/water mix.



PART#	DESCRIPTION
5126	Tank bulkhead fitting
5127	Nipple 1/2
1117	Shut off ball valve 1/2

## Brite Striper® Model 5500:



### PART# DESCRIPTION

5090	Spray arm complete assembly
5116	Hose-Shut-off to tip 5' 3/8 ball x 3/8 ball
0045	Elbow 45 degree
0096	Nipple
0114	Nozzle cap
0115	Nozzle screen
0116	Nozzle body
8004	Nozzle tip Dual 8004
1580D	Nozzle tip Dual 8006
1002D	Nozzle tip Dual 11004
1006D	Nozzle tip Dual 11006
5075	Spray arm wheel-only
5096	Spray box side plate



PART# DESCRIPTION

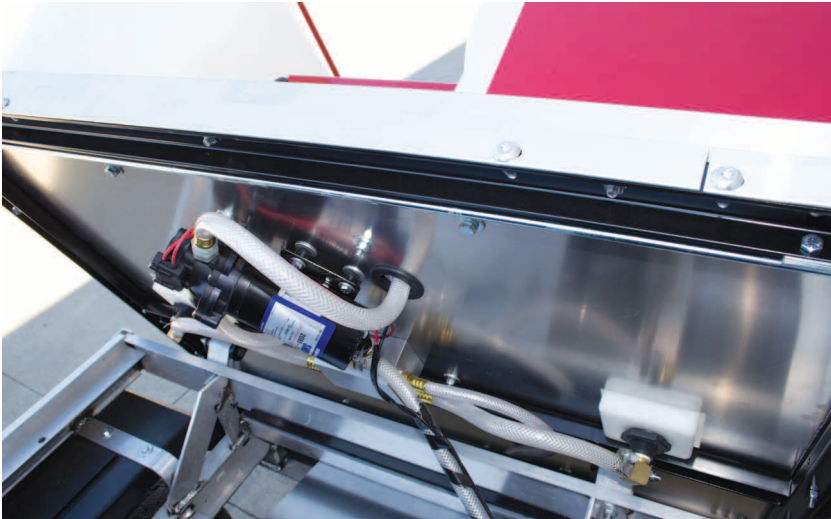
- 5123 Water tank 3 gallon
- 5125 Paint tank 25 gallon
- 5126 Tank bulkhead fitting
- 5130 Tank cover
- 5131 Tank cover gasket
- 0030 Wand clip
- 5079 Paint Tray
- 5088 Female quick connect

Not pictured

PART# DESCRIPTION

- 1178 Hose clamp
- 1513 Elbow MxF
- RG1 Rubber grommet 7/8"
- RG2 Rubber grommet 2"
- 5009 Key
- 5003 Battery charger
- 5035 Converter 48v to 12v
- 5170 Rocker switch
- 5190 Club car - Tow/run switch
- 0026 Retractable spray gun





**PART# DESCRIPTION**

- 5155 Pump
- 1164 Pump Connector
- 5108 Hose- Hand hose adapter 21" 3/8 x 3/4 straight
- 5112 Hose- Paint block to shut-off 7' 1/2 straight swivel
- 5113 Hose- Paint tank 13" 1/2 elbow to 1/2 straight
- 5117 Wire-Blue 75" FxF
- 5118 Wire-Red 68" FxM



## PART# DESCRIPTION

- 5107 Hose- Bypass to tank selector 14" 3/8 ball end to 3/8 elbow
- 5109 Hose- Manifold block to bypass 12" 3/8 straight swivel to 3/8 ball
- 5110 Hose- Manifold block to paint tank selector 10" 1/2 straight swivel
- 5111 Hose- Paint block to shut-off 28" 3/8 female washer 1/2 x 3/8 ball
- 5114 Hose- Paint tank selector to tank selector 20" 1/2 straight swivel both
- 5115 Hose- Pump to manifold or tank selector 24" 1/2 straight swivel to pump
- 1122 Tee 1/2
- 5128 Brass reducer 1/2 to 3/8
- 5140 Shut off valve 90 degree 1/4
- 5150 Ball valve 3 way 1/2

## **STRIPER DOES NOT STRIPE A FULL LINE**

1. Was paint strained?
2. Check paint level.
3. Check the nozzle screen for clogs. Clean as needed.
4. Check the shut-off valve for clogs - clean.
5. Check paint line hose for clogs - clean.

## **MACHINE WILL NOT PRIME** (no discharge/motor runs)

1. Out of product
2. Check Inlet tubing/plumbing for severe vacuum leak
3. Check Inlet/Outlet tubing for severe restrictions (kinked)
4. Check for debris in pump inlet/outlet valves
5. Proper voltage with the pump operating ( $\pm 10\%$ )
6. Check pump housing for cracks

## **MACHINE LEAKS FROM PUMP HEAD OR SWITCH**

1. Check for loose screws at switch or pump head
2. Check for switch diaphragm ruptured or pinched
3. Check for punctured diaphragm, if fluid is present at bottom drain

## **MACHINE WILL NOT SHUT-OFF** (pressure switch equipped)

1. Output line closed and no leaks
2. For air trapped in outlet line or pump head
3. For correct voltage to pump ( $\pm 10\%$ )
4. Inlet/Outlet valves for debris or swelling
5. For loose drive assembly or pump head screws
6. Pressure switch operation/adjustment incorrect

## **IF YOU EXPERIENCE NOISY/ROUGH OPERATION CHECK:**

1. Mounting feet that are compressed too tight
2. Does the mounting surface multiply noise (flexible)
3. For loose pump head or drive screws
4. Is the pump plumbed with rigid pipe causing noise to transmit

## **Call our Customer Service Reps From 8:00am - 4:45pm (EST) 1-800-877-1500**

Call us with any questions you may have concerning the care, assembly, operation, or maintenance of this product. Before you call be sure that unsatisfactory operation is not due to inadequate care or cleaning, abuse, or neglect. This may save you time and money. See our warranty for specific coverage.

## **If you Ship the Product:**

### **Prior Authorization Must be Received Before Return**

Carefully pack unit and send it prepaid and adequately insured.  
**BE SURE TO SHOW RETURN AUTHORIZATION  
CODE NUMBER ON OUTSIDE OF ENVELOPE.**

## **For Any Repairs, Including Warranty Repairs:**

Call **800.877.1500** for repair cost estimates, and full service information, **INCLUDING RETURN AUTHORIZATION CODE  
NUMBER, BEFORE SENDING YOUR UNIT.**

## **Send Your Unit, Freight Prepaid To:**



Pioneer Manufacturing Company  
4529 Industrial Parkway  
Cleveland, Ohio 44135

For a period of three years from date of purchase, PIONEER MANUFACTURING COMPANY will replace for the original PURCHASERS, any part or parts\* of the line Striper found upon examination by a PIONEER FACTORY-trained representative, to be defective in material or workmanship or both; this is the exclusive remedy. This warranty is pro-rated as to cover 100% of the cost of materials, parts and labor for the first twelve months of ownership, 60% the second twelve months, and 40% for the third twelve month period. The customer is responsible for all remaining costs. The customer may elect to return the entire unit to the factory at his expense for repair. Or he may, at his expense, return the defective part for factory inspection AND replacement. In no case will PIONEER MANUFACTURING authorize outside repair on any unit nor will PIONEER MANUFACTURING reimburse any customer for unauthorized work. Prior to returning any part or machine, the CUSTOMER must obtain a RETURN MATERIAL AUTHORIZATION CODE. Call toll free 1-800-877-1500. This warranty gives the customer specific legal rights as well as other rights which may vary by state. There are no WARRANTIES which extend beyond the face hereof and the warranties set forth above are in lieu of all other warranties, EXPRESS or implied, including any and all implied warranties of merchantability or fitness for a particular purpose, and any other obligation or liability on the part of PIONEER.

PIONEER SHALL IN NO EVENT BE RESPONSIBLE OR LIABLE TO THE OWNER OR ANY THIRD PARTY FOR INDIRECT, SPECIAL OR CONSEQUENTIAL DAMAGES WHETHER ARISING FROM DEFICIENCIES IN THE DESIGN, MANUFACTURE, LABELING OR OPERATION OF THE BRITE STRIPER® OR FROM ANY OTHER CAUSE WHATSOEVER AND WHETHER BASED ON TORT, CONTRACT, WARRANTY, STRICT LIABILITY OR OTHERWISE. IN ANY EVENT, PIONEER MANUFACTURING COMPANY INC.'S RESPONSIBILITY IS LIMITED TO THE COST OF THE PRODUCT ITSELF.

No representative employee, agent of Pioneer, or any other person has any authority to assume for Pioneer any additional or other liability or responsibility, other than as described above, in connection with the BRITE STRIPER®. Either direct or indirect acceptance of this limited warranty constitutes approval of, and agreement with, all of its terms and conditions by the owner. This limited warranty becomes effective only when all invoices for the Brite Striper® have been paid in full.

\* The battery, battery charger, Club Car Chassis, and pump are covered exclusively by the manufacturer's warranty.

## Club Car

- 1 year warranty on electronics
- 2 year warranty on parts
- 3 year warranty on frame
- 4 year pro-rated warranty on batteries
- 3 year pro-rated warranty on manufactured parts and electronics.
- 1 year pro-rated warranty on pump. Pump must be cleaned out prior to execution of warranty.

\*Wearable items are not covered under any warranty. See the Club Car owner's manual for more detailed warranty information.

NOTES:

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# MAX TKO™

Knocks Out the Competition

*For large jobs that need to stand out, MAX TKO™ is the paint for you.*

- Ideal for large-tank, low-pressure striping machines
- Highly concentrated athletic field marking paint
- Provides long-lasting, brilliant white lines
- Available in 3-gallon pails
- Can be diluted up to 5 to 1



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FACILITY MAINTENANCE | STENCILS, MATS, WALLPADS AND WINDSCREENS  
FIELD LAYOUT GUIDES | SPORTS ACCESSORIES | FIELD MARKING EQUIPMENT



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