

# TRITON

Water Driven Polishing Tool

## OPERATING MANUAL



TO AVOID PERSONAL INJURY OR DAMAGE TO PROPERTY,  
READ THIS MANUAL CAREFULLY BEFORE USE.

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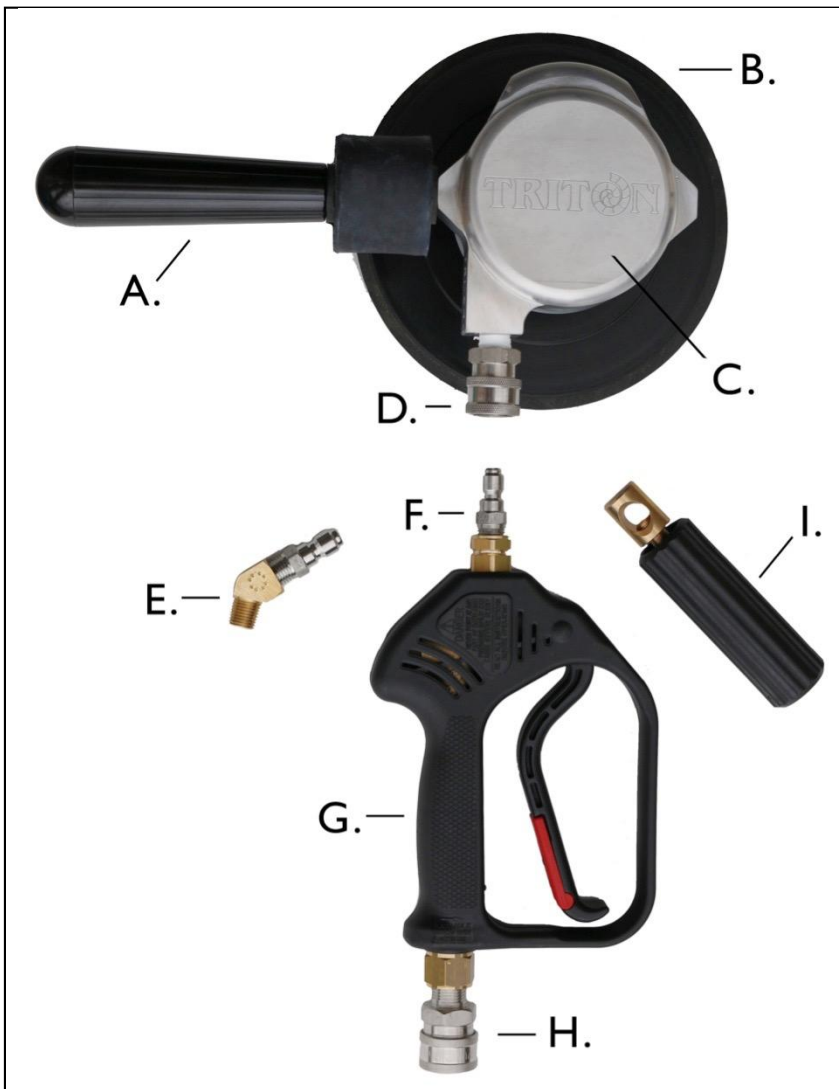
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# TRITON

## Water Driven Polishing Tool

The Triton Water-Driven Polishing tool consists of high-grade aluminum and custom-made hardened stainless steel parts. Because the Triton is water-driven, water continuously washes the surface of dust and debris, while providing longer life to your abrasives. The Triton is exhausted in a revolutionary way to reduce water overspray, while providing the tool with the additional torque for any task. The Triton weighs only 3 lbs., yet provides 10,000 – 12,000 r.p.m.'s.



### TRITON WATER-DRIVEN POLISHING TOOL PARTS INCLUDED

- A. Triton Side Handle with Bushing
- B. 7" Backing Pad
- C. Triton Tool
- D. 1/4" Male Socket
- E. 45° Brass Elbow with 1/4" Male Plug
- F. 1/4" Male Plug
- G. Triton Trigger Gun
- H. 3/8" Male Socket
- I. Triton Spray Wand Adjustable Side Handle

**SET UP and  
INSTALLATION**

**STEPS TO TAKE BEFORE, DURING, AND AFTER THE  
OPERATION OF THE TRITON WATER-DRIVEN POLISHER**

- 1) **FIND A CLEAN WATER SOURCE** (Residential or Industrial)  
Hook up the gas operated pressure washer to a water source. The pressure washer must be rated 3800 psi, 3.5 g.p.m. or higher. For optimal use, the Triton must be run between 3800-4000 psi. We strongly recommend that you purchase a psi gauge for the pressure washer to assure that you only use between 3800 and 4000 psi. At this psi rating, the tool rotates between 10,000 and 12,000 rpm's. Speed beyond this misuse will result in damage to the Triton abrasives or backing pad. Call Aquavations Corp. for any additional information on how to properly adjust the pump.
  
- 2) **CHECK** to make sure that the water source puts out the recommended Gallons per Minute (g.p.m.) to the pressure washer. This is important to the Triton's ability to give you top-quality performance.
  
- 3) **BEFORE** operating the Triton, check for any loose particles or obstructions in and around the area of operation. Make sure all of the water fittings are tight and secure and that there is no leakage.  
(Use Teflon Tape for use as a sealant on the threaded surfaces.)

**CAUTION: When using the Triton Water-Driven Polishing Tool, keep hands and feet clear of all moving parts. Be sure to stop the TRITON when installing or removing interchangeable sanding, grinding, or polishing discs.**



**THE TRITON WAS DESIGNED  
FOR OUTDOOR USE ONLY.**

## 4) WEAR EYE AND EAR PROTECTION AT ALL TIMES!

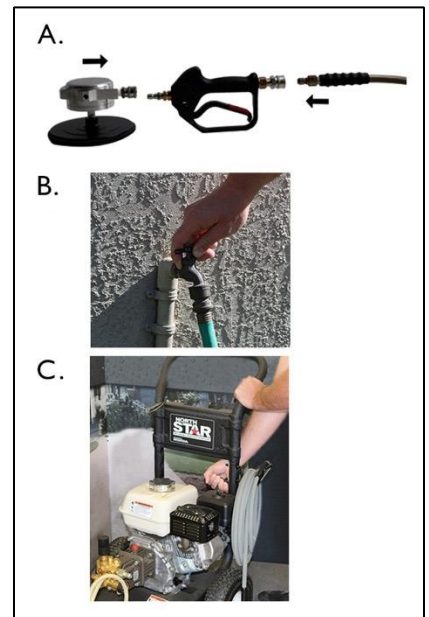
- 5) BE SURE TO USE THE PROPER POLISHING DISC PROVIDED BY AQUAVATIONS CORP. FOR THE APPROPRIATE SURFACE. Aquavations promotes a variety of polishing and diamond discs for any surface. (We recommend that all abrasives used with Triton Water-Driven Polishing Tool be approved and/or recommended by Aquavations Corp.) These abrasives prove to be the most effective for the surfaces described: Fiberglass, cement, marcite and assorted aggregates. If there are any questions pertaining to the type of disc needed on a particular surface, call Aquavations Corp. for more information at 305-668-4847.
- 6) DIAMOND DISCS: All diamond discs come with female Velcro which secures to the male Velcro on Triton's backing pad.
- 7) SECURE THE DIAMOND DISC: Make sure you have the right disc for the right job. The grits range from: 50 Grit (most course) to 120 (least course). Call Aquavations Corp. if you have any questions.
- 8) COMPLETE THE FOLLOWING STEPS FOR OPERATION:

A. Attach the garden hose to the pressure washer. Then attach the pressure hose to the pressure washer at one end and attached the trigger gun.

B. Turn on the water source.

C. Purge the pressure hose and trigger of all the dirt and debris before attaching to the Triton.  
NOTE: Make sure the diameter of the hose does not create friction loss, reducing the water flow below 3.5 g.p.m. Minimum  $\frac{3}{4}$ " hose, maximum 50 feet long.

D. It is important to begin the water flow through the Triton before starting the pressure washer. Start the pressure washer. If you have trouble starting the pressure washer, release pressure build-up by pulling the trigger.





## **NEVER FREE-SPIN THE TRITON WATER-DRIVEN POLISHING TOOL.**

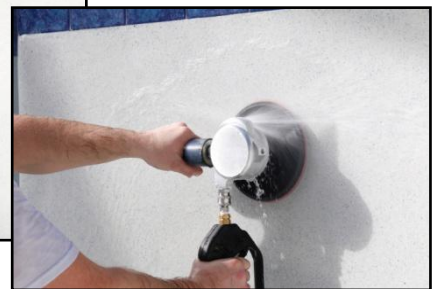
### **9) DON'T APPLY FORCE:**

The Triton water-driven polishing tool was designed to do the work for you. Adding additional pressure to the surface you are working on will not improve the Triton's efficiency, but rather, hamper it. A fresh diamond disc reduces the amount of pressure needed to complete the job.



### **10) ABOVE THE WATER:**

When Triton is operating above the water, keep the Triton level to the surface you are exposing or polishing for even wear.



### **11) BELOW THE WATER:**

When the Triton is operating under the water, it will adhere itself to the surface you are working on.

- A. Engage the trigger and slowly move the tool toward that surface. The Triton will create a vacuum between itself and the surface. All you need to do is guide the Triton and keep it even with the surface upon which you are operating.

**12) INSTRUCTIONS FOR CONVERTING THE HAND-HELD TRITON TO AN UPRIGHT POLISHING TOOL**



A. Removing 1/4" male socket (Item D) and Triton side handle with bushing (Item A) from the Triton.

B. Insert 45° brass elbow with 1/4" male plug (Item E) into the Triton.

C. Remove spray wand trigger gun assembly from your pressure washer spray wand (not included) and secure the Triton spray wand adjustable side handle (Item I). Tighten for either left or right handle operation.

Reattach pressure washer spray wand trigger gun assembly.

D. Connect spray wand to the Triton water-driven polishing tool.

NOTE: Make sure all of the water fittings are tight and secure and that there is no leakage (Use Teflon Tape for use as a sealant on all threaded surfaces.)

13.) **REGULAR MAINTENANCE** means longer life for the Triton Water-Driven Polishing Tool. Flush the Triton with fresh water after each use. This will keep the Triton running strong efficient. Remove backing pad and lubricate the threading shaft with marine grease after 20 hours of use. If not treated, contaminants can cause the backing pad to become permanently attached to the shaft.

An adjustable wrench can be used when changing attachment heads, such as the 7" Backing Pad. The wrench fits around the nut-shaped portion of the shaft, near the bottom of the threads. When you have secured the wrench to the shaft, the backing pad should remove easily by turning the pad, brush or other attachments counter-clockwise. Again, **PLEASE REMOVE** any attachment head from the shaft periodically to ensure that it does not lock or bond onto the shaft. This is particularly true in industries dealing with cement, plaster, and aggregates.



**TREAT YOUR TRITON WITH CARE!  
DO NOT DROP IT!**

14) **CHECK FOR DAMAGED PARTS:** If the Triton Water-Driven Polishing Tool is not operating to full capacity, contact Aquavations Corporation at (305) 668-4847, or your local distributor of Triton products and accessories.



15) REPAIRS: Any Triton requiring repair or service must be returned to Aquavations Corp. to insure quality and safety. Aquavations Corp. provides the best quality in serving your needs. There are no user-servicable parts inside the Triton.

For repairs, contact your local distributor,  
or ship directly to:

CL Industries, Inc  
8188 S. Orange Ave  
Orlando, FL.  
Phone: 800-333-2660  
Attn: Repair Department  
[www.aquavations.com](http://www.aquavations.com)

**REMEMBER: NEVER REMOVE A DISC FROM THE TRITON WATER-DRIVEN POLISHING TOOL WHEN IT IS OPERATING... DISENGAGE TOOL OR INJURY MAY RESULT! COME TO A FULL STOP BY RELEASING THE TRIGGER... THEN PROCEED TO REMOVE DISC FROM THE BACKING PAD.**

**Aquavations Corp will NOT be responsible for any damage or personal injury due to human negligence, misuse, or abuse of the Triton.**