



Self-Serve Vacuum Post & Swivel Boom Attachments



Owner's Manual

Sonny's Enterprises, Inc.
5605 Hiatus Road
Tamarac, Florida 33321
16v1



Table of Contents

WARNING *SAFETY REQUIREMENTS* WARNING3

Product Specifications6

***INSTALLATION*8**

Utilities Requirements8

Equipment Installation9

Adjustments and Testing10

***GENERAL OPERATION*11**

***PREVENTIVE MAINTENANCE*12**

***WARRANTY*13**

***CUSTOMER SERVICE*14**



Equipment Program - Manuals Self-Serve Vacuum Post & Swivel Boom Attachments

WARNING *SAFETY REQUIREMENTS* WARNING

1. All employees must be thoroughly trained in safe operation and standard maintenance practices. All employees must review this entire manual monthly.
2. Do not enter the wash tunnel when the equipment is operating. Death or dismemberment may occur.
3. Do not wear loose fitting clothing or jewelry around moving equipment. Do not allow any part of your body or other objects (including ladders, hoses or tools) to come in contact with moving equipment. Entanglement may result causing death or dismemberment.
4. Do not leave a ladder or any other items such as wash down hoses or tools in the wash tunnel while equipment is running. Vehicle damage and injury, including death, can occur.
5. Always exercise caution when walking (never run) through the wash tunnel as there may be slippery conditions. Be careful so you do not bump into or trip over equipment.
6. Only those employees specifically instructed and trained by the location management are permitted to enter the wash tunnel to perform inspections or maintenance. At least two qualified maintenance people must be present when performing equipment repairs or preventive maintenance.
7. Do not perform any maintenance or work on equipment unless you first perform Lock-Out Safety Precautions. All electrically powered equipment must have manually operated disconnects capable of being locked in the "OFF" position. Equipment that has been "locked out" for any reason must be restarted only by the person who performed the "lock out" operation.
8. When working on any equipment that is higher than your shoulders, always use a fiberglass ladder that is in good condition.
9. Do not attempt to repair or adjust any pressurized liquid or pneumatic part, hose, pipe or fitting while that equipment is in operation.
10. Electrical connections and repairs must be performed by a Licensed Electrician Only.
11. Emergency "STOP" buttons must be well marked and their location and proper use reviewed with all personnel. Any activated "STOP" button must be reset only by the person who activated it. Clear the wash tunnel of any people, ladders, hoses, tools and other loose items before restarting the equipment. An audible device must sound to warn people that the equipment is starting.
12. Do not operate any piece of equipment that requires safety covers with those covers removed or improperly installed. Do not operate any piece of equipment if any component of that piece is suspected to be defective or malfunctioning.



Equipment Program - Manuals Self-Serve Vacuum Post & Swivel Boom Attachments

13. Store all cleaning and washing solutions and oils in a well-ventilated area. Clean up fluid spills immediately to prevent hazardous safety conditions. Be certain to follow all safety procedures on SDS Sheets for each chemical product used.
14. All hydraulic and electric systems in the wash tunnel equipped with a torque relief or overload should be checked and set at the minimum amount that will allow for proper functionality under normal washing conditions.
15. No unauthorized people should ever be permitted in the wash tunnel or near the equipment at any time.

* * *

!! CAUTION !!

When a piece of equipment must be in operation during inspection or maintenance, one qualified technician must stay at the power disconnect switch while another qualified technician performs the inspection or maintenance.



Equipment Program - Manuals Self-Serve Vacuum Post & Swivel Boom Attachments

INTRODUCTION

This Manual contains information that is vital to the successful installation, operation and maintenance of your SONNY'S vehicle washing equipment.

Please read, and understand, the full contents of this manual before installation and operation of the equipment. Keep this booklet in a location where it may be used for ongoing reference.

Should you have any questions on the operation or servicing of this equipment please contact

**TECHNICAL SERVICES DEPT.
SONNY'S ENTERPRISES INC.
5605 Hiatus Road
TAMARAC, FLORIDA 33321**

TELEPHONE: 800-327-8723 FAX: 800-495-4049

THANK YOU FOR YOUR CONFIDENCE IN SONNY'S !!!!!





Equipment Program - Manuals Self-Serve Vacuum Post & Swivel Boom Attachments

Product Specifications

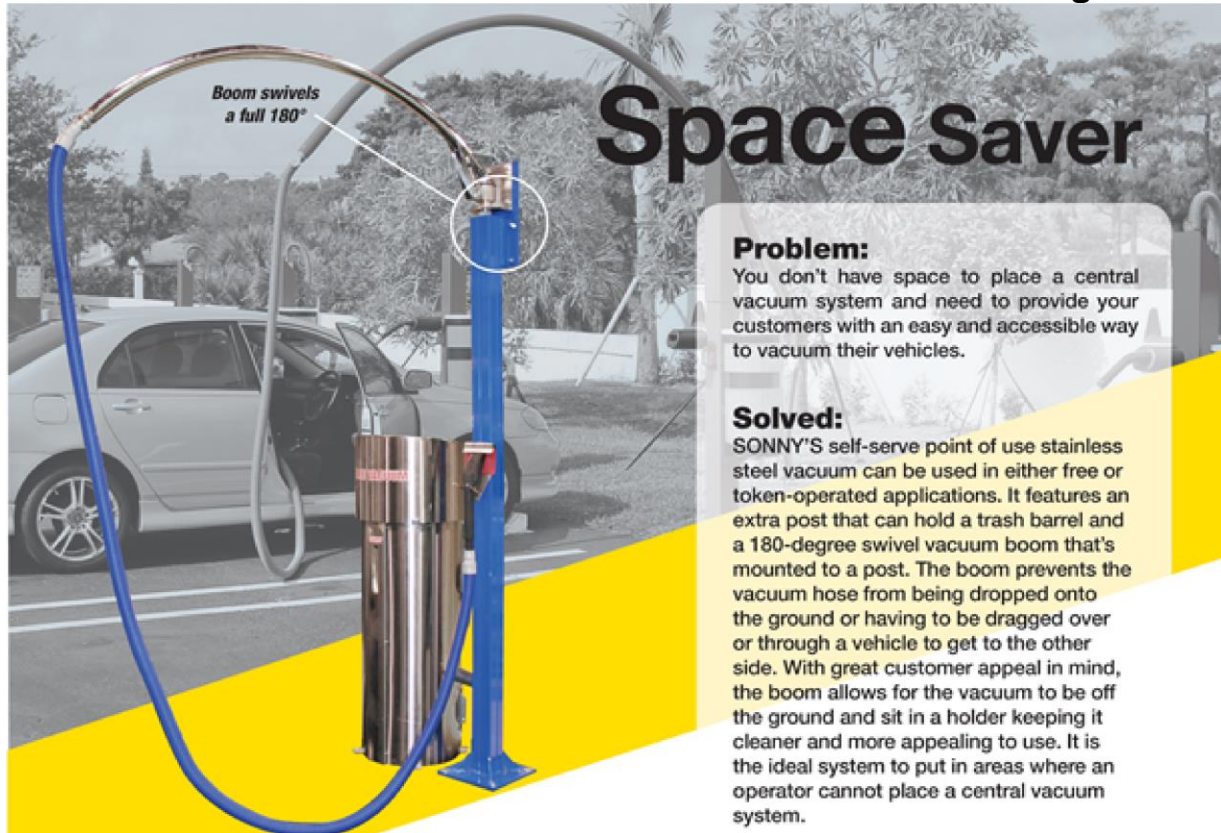
- (2) 1 1/2HP
- Clearance for vehicles up to 90in
- 180 degrees of free motion with included boom
- Push button or coin start available
- Vacuum and boom are made of stainless steel
- Boom holder is made of aluminum and powder coated
- Optional post mounted trash can



Equipment Program - Manuals

Self-Serve Vacuum Post & Swivel Boom Attachments

For Parts/Accessories Information Please Reference our Catalog or Website.



Problem:

You don't have space to place a central vacuum system and need to provide your customers with an easy and accessible way to vacuum their vehicles.

Solved:

SONNY'S self-serve point of use stainless steel vacuum can be used in either free or token-operated applications. It features an extra post that can hold a trash barrel and a 180-degree swivel vacuum boom that's mounted to a post. The boom prevents the vacuum hose from being dropped onto the ground or having to be dragged over or through a vehicle to get to the other side. With great customer appeal in mind, the boom allows for the vacuum to be off the ground and sit in a holder keeping it cleaner and more appealing to use. It is the ideal system to put in areas where an operator cannot place a central vacuum system.

Post/Boom Specifications

	Inches	Metric
Total Height	120in	3.04m
Vehicle Clearance	90in	2.28m
Base Plate	12in x 12in	305mm x 305mm
Anchor Points	8 @ 1/2in	8 @ 12.7mm

Includes:

• Stainless steel vacuum

Requires:

• 1 1/2 or 2in Hose & Cuffs
• Crevice or claw attachment with hanger

Optional:

• Trash receptacle, bracket, and liner
• 180° Boom
• Powder coating

Vacuum Specifications

Motors	(2) 1 1/2HP
Voltage	120V
AMP	Requires a 20AMP service
Anchor Points	(4) @ 3/8in
- Vacuum operates with included push button start and timer. - Two service doors allow access to (2) filter bags and easy cleanup compartment.	

Hose Feed Diameters

- From Vacuum Express Claw to boom inlet 1-1/2in Diameter
- From boom swivel to vacuum inlet 2in Diameter (Hose runs inside post)

Protect & beautify your equipment with optional powder coating. Call for pricing.

Complete Your Order With Hose, Cuffs, And Claws To Meet Your Specific Requirements!

See Page 163





INSTALLATION

Utilities Requirements

Utilities interconnection and the materials required for interconnection to Sonny's equipment are the responsibility of the customer!

Perform all trades work to all applicable local and national codes!

Electric

- The Customer's Electrician is responsible for:.
- Properly sized interconnecting wiring from the single phase circuit breaker and motor.

NOTE: Be certain the electric motor is properly wired for the supply voltage!

Technical Disclaimer

- Although building codes have been considered in developing all drawings, verification of site-specific conditions and compliance with federal, state and local building codes is the exclusive responsibility of the customer and/or architect and engineer.



Equipment Installation

Utilities interconnection and the materials required for interconnection to Sonny's equipment are the responsibility of the customer!

Perform all trades work to all applicable local and national codes!

Mechanical

- Place the stainless steel vacuum tank in the location to be installed.
- Before anchoring to the concrete place the vacuum boom post next to the producer to ensure adequate space is left.
- Drill the four holes in the concrete for the vacuum using a hammer drill and a 3/8" carbide tipped masonry drill bit .
- Clear the hole of all debris, then place the wedge anchor through the hole in the vacuum, and hammer it in to the drilled hole, ensuring that they are installed to the desired depth.
- Turn the nut by hand until the unit is "snugged up". Once all bolts are in place, return to each one level and tighten with a wrench.
- Line the powder coated boom arch frame up with the vacuum to ensure the connection between the two can be easily made.
- Once the boom arch is in place, drill the four holes in the concrete for the boom arch using a hammer drill and a 1/2" carbide tipped masonry drill bit.
- Clear the hole of all debris, then place the wedge anchor through the hole in the vacuum, and hammer it in to the drilled hole, ensuring that they are installed to the desired depth.
- Turn the nut by hand until the unit is "snugged up". Once all bolts are in place, return to each one level and tighten with a wrench.
- Connect the boom to the 2" vacuum hose raise the boom allowing the hose to drop down inside the arch.
- Bolt the boom to the arch using the included hardware.
- Connect the 1 1/2" hose to the boom using the included cuff.
- Attach the vacuum claw to the other end of the using the cuff.
- Connect the boom arch and vacuum together.



Equipment Program - Manuals Self-Serve Vacuum Post & Swivel Boom Attachments

Adjustments and Testing

Test for proper rotation off the vacuum motors ensure the unit has good suction and no leaks.



Equipment Program - Manuals Self-Serve Vacuum Post & Swivel Boom Attachments

GENERAL OPERATION

- Before beginning daily operation be certain that the dirt compartment is empty.
- Double check that the dirt compartment door and the filter bag access door are firmly secured before starting the vacuum.
- If air leaks are heard around the vacuum assembly when the vacuum reaches full speed, turn the vacuum off and adjust the dirt compartment door and filter bag access door for proper fit against the rubber seals.
- Continuous vacuuming of wet substances may cause permanent damage to the vacuum filter bags, impellers, and electric motor. **NEVER WASH THE FILTER BAGS !!!**
- Do not operate the vacuum with the dirt compartment door or the filter bag access door open or not firmly sealed and closed !!!



Equipment Program - Manuals Self-Serve Vacuum Post & Swivel Boom Attachments

PREVENTIVE MAINTENANCE

**FOR THE FIRST MONTH OF OPERATION CHECK ALL HARDWARE AND FITTINGS FOR
TIGHTNESS EACH WEEK!**

DAILY

1. Empty collected trash from the dirt compartment.
 - a. Turn power off to the vacuum. Open the door latches. Use care when opening or closing the door. A damaged door may cause damaging leaks to the vacuum.
 - b. Remove empty the dirt . Clean the compartment around the canister.
 - c. Close the access door. Press the center of the door before fastening the latches to assure a proper door gasket seal.
 - d. Turn on the vacuum. Listen for any leaks around the door gasket. Re-seal if necessary.
2. Clean the filter bag.
 - a. Turn power off to the vacuum. Open the door latches. Use care when opening or closing the door. A damaged door may cause damaging leaks to the vacuum.
 - b. Inspect filter bags for damage, wetness and proper seating, replacing damaged bags.
 - c. Return filter bags to vacuum.
 - d. Close the access door. Press the center of the door before fastening the latches to assure a proper door gasket seal.
 - e. Turn on the vacuum. Listen for any leaks around the door gasket. Re-seal if necessary.
 - f. Inspect vacuum hoses and tools for cuts, excessive wear, or trash blockage. Replace as necessary.
 - g. Turn the vacuum on and check all hose drops for proper operation.

WEEKLY

1. Inspect all filter bags for wetness or tears. Replace as necessary.
2. Check vacuum hose for pin hole leaks, cracks, or loose fittings.
3. Inspect dirt compartment and filter access door gaskets for cuts, excessive wear, or leaks. Replace as necessary.
4. Ensure each vacuum motor has suction. If motor is not running check the motor brushes before replacement.



Equipment Program - Manuals Self-Serve Vacuum Post & Swivel Boom Attachments

WARRANTY

SONNY'S ENTERPRISES, INC. FACTORY LIMITED LIFETIME WARRANTY

Equipment manufactured by SONNY'S ENTERPRISES, INC. is warranted to be free from defect in material and workmanship. Welded metal framework and other non-moving, non-wearable fabricated metal components manufactured by SONNY'S are warranted for the life of the equipment to the original purchaser. Fabricated metal wearable surface and moving components manufactured by SONNY'S are warranted for a period of one (1) year to the original purchaser of the equipment.

All components assembled to SONNY'S equipment that are manufactured by others are warranted by the appropriate manufacturer and subject to that manufacturer's limited warranty. Contact SONNY'S for the specific information on other component manufacturer's warranty terms. All new cloth shipped with new SONNY'S equipment is warranted for a period of one (1) year or 80,000, whichever occurs first.

This warranty is not assignable or transferable. The warranty period begins the first day following installation or 30 days from the original invoice date, whichever occurs first. The Seller's liability shall be limited to repair or replacement of materials found to be defective within the warranty period. In the event of repair or replacement this limited warranty is noncumulative. The Purchaser must supply the Seller with immediate written notice when any defects are found. The Seller shall have the option of requiring the return of defective material to establish the Purchaser's claim. Neither labor nor transportation charges are included in this warranty. Transportation damage claims are to be submitted to the carrier of the damaged materials.

This warranty is based upon the Purchaser's reasonable care and maintenance of the warranted equipment. It does not apply to any equipment which has been subject to misuse, including neglect, accident or exposure to harsh chemicals or chemicals that react violently with: water, organic acids (e.g. acetic acid), inorganic acids (e.g. hydrofluoric acid), oxidizing agents (e.g. peroxides), and metals (e.g. aluminum). Chemicals corrosive to: aluminum alloys, carbon steel, and other metals. Nor does it apply to any equipment which has been repaired or altered by anyone not so authorized by SONNY'S. Further, the equipment must be properly installed with proper accuracy of all specified plumbing, electrical, and mechanical requirements. This warranty does not apply to normal wear and tear or routine maintenance components.

EXCEPT AS EXPRESSLY STATED HEREIN, SONNY'S SHALL NOT BE LIABLE FOR DAMAGES OF ANY KIND IN CONNECTION WITH THE PURCHASE, MAINTENANCE, OR USE OF THIS EQUIPMENT INCLUDING LOSS OF PROFITS AND ALL CLAIMS FOR CONSEQUENTIAL DAMAGES. THE LIMITED WARRANTY EXPRESSED HEREIN IS IN LIEU OF ALL OTHER WARRANTIES EXPRESSED OR IMPLIED. SONNY'S NEITHER ASSUMES NOR AUTHORIZES ANY PERSON TO ASSUME FOR IT ANY OTHER OBLIGATION OR LIABILITY IN CONNECTION HERewith.



Equipment Program - Manuals Self-Serve Vacuum Post & Swivel Boom Attachments

CUSTOMER SERVICE

Please contact SONNY'S Equipment Department for installation and/or operational questions regarding this piece of equipment.

Please refer to the Parts Catalog and contact SONNY'S Customer Service Order Entry Department for any replacement parts for this piece of equipment.

You can also visit the web at www.SonnysDirect.com.

DEPARTMENT

Toll Free Main Line
Equipment Department

PHONE NUMBERS

800-327-8723
954-720-4100

FAX NUMBERS

800-495-4049
954-720-9292

Or you can email Sales at sales@SonnysDirect.com

Thank you for being a SONNY'S car wash equipment owner!

From all of us here at

