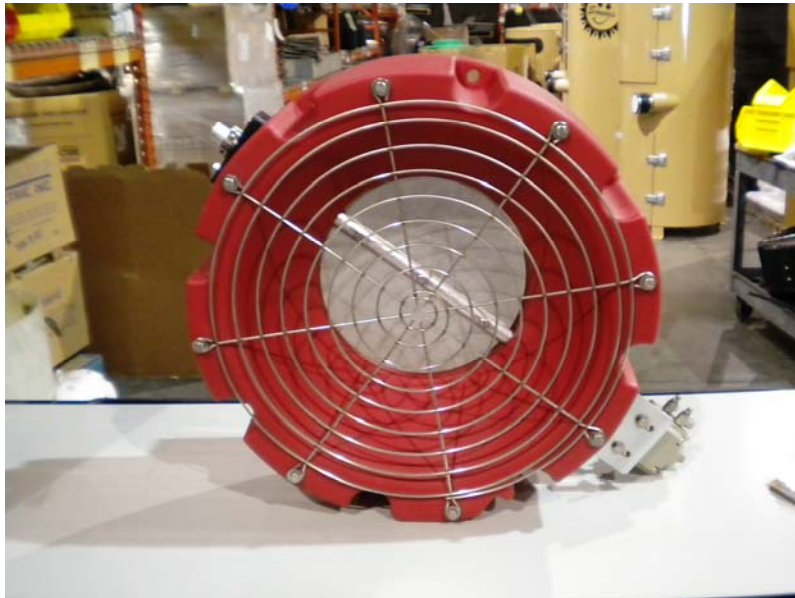




Gator Up-Grade



Manual

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

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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.

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



SAFETY REQUIREMENTS

1. Only those employees specifically instructed by the location manager will be permitted to enter the wash tunnel to perform inspections or maintenance.
2. Do not enter the wash tunnel when the equipment is operating.
3. Always exercise caution when walking through the wash area, may be slippery conditions.
4. Be cautious when walking through the tunnel to avoid running into or tripping over equipment.
5. Do not ever run through the wash area.
6. Do not perform any work on equipment unless you performed Lock-Out Safety Precautions.
7. When maintenance requires that a piece of equipment be in operation, one qualified maintenance person must stay at the power disconnect switch while that equipment is operating.
8. 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 can only be restarted by the person who performed the "lock out" operation.
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. Any "Stop" switch activated must be reset only by the person who initiated the operation.
11. Electrical connections and repairs are to be performed by a Licensed Electrician only.
12. Store all cleaning and washing solutions and oils in a well ventilated area.
13. Clean up fluid spills immediately to prevent hazardous safety conditions.
14. Be certain to follow all safety procedures on MSDS Sheets for each chemical product used.
15. All new employees must be thoroughly trained in safe operating and maintenance practices.
16. All employees must attend periodically scheduled safety procedure sessions.
17. Do not operate any piece of equipment that requires safety covers with those covers removed or improperly installed.
18. Do not allow any part of your body or other object to come in contact with moving machinery.
19. Do not wear loose fitting clothing or jewelry around moving machinery.
20. At least two qualified maintenance people must be present when performing equipment repairs or preventative maintenance.
21. When working on any equipment that is higher than a person's shoulders always use a fiberglass ladder that is in good condition.

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 to provide materials and install single phase control power (24VAC or 115VAC) from the Customer's equipment Programmer function to the Sonny's supplied 4-way air valve.

Pneumatic

- The installer is to provide materials and install a 3/8 inch compressed air line from the Air Compressor to and from the supplied air regulator, 4-way air solenoid valves, and air cylinder on the Dryer Producer assembly. Compressed air requirement is approximately 1.5CFM @ 60PSI.

Gator Installation

Tools

1. Safety Glasses
2. ½" Drive Ratchet Set
3. Standard Combo Wrenches
4. 8' Ladder

Manpower

Two (2) men

Consumables

1. Anti-Seize Compound
2. Penetrating Oil

Time (assuming no problems)

1.00 - 3.00 hours

Upgrade Steps

Caution: You must shut off all power to the conveyor and lock out the Motor Control Center before starting this repair.

1. Shut off all power to the conveyor and lock out the Motor Control Center.
2. Remove the lag bolts holding the inlet screen and venturi to the dryer housing.
3. Remove the old venturi and inlet screen.
4. Install the new gator housing and inlet screen using the existing holes on the dryer housing.
5. Run 3/8" tubing from the 4 way valve to the air cylinder on the Gator.
6. The venturi should be closed with no signal present at the 4 way valve. (See adjustments)

Caution: Before returning power to the conveyor and removing lock out from the Motor Control Center all personnel are clear of the operational area.

7. Remove all tools and equipment from the tunnel.
8. Turn power on and return the tunnel to normal operation. Listen for any unusual noises.

Adjustments

The venturi on the gator should be closed when no Programmer signal power is present at the 4-way air solenoid valve. The Programmer signal to the 4-way air solenoid valve should be energized as the vehicle approaches (after full ramp up of blower) allow the venturi to open. The programmer should allow the Gator to close between cars.