





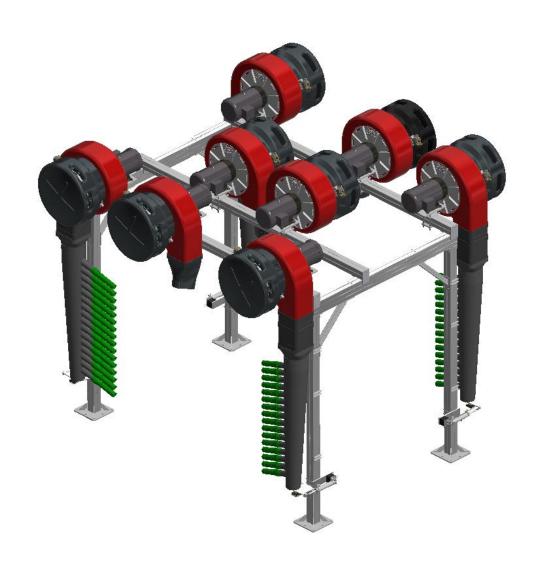
Blower Frame System











Designed here. **Built** here. **Backed** here.™

TheCarWashBook.com

www.**SonnysDirect**.com

Consultin

College

Equipment

Controls

Backroom

Chemistry

Water

Vacuums

Marketing

Signage

Services

Parts



Blower Frame System Owner's Manual

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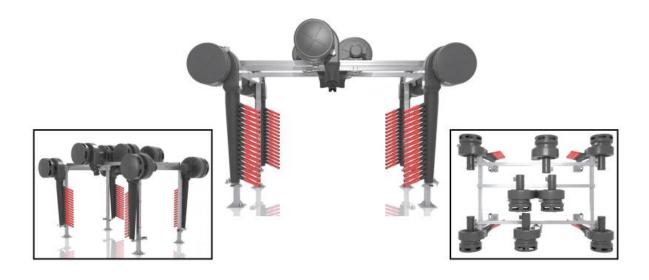




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Make CarWashing Easy



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READ ALL INSTRUCTIONS PRIOR TO OPERATING

- This manual is a comprehensive step-by-step user instruction guide for the **Blower Frame System** and components. To review other manuals go online to SonnysDirect.com under Support Tab.
- Make sure to read, understand and follow all these instructions.
- To address any questions relating to ordering parts, operating the Blower Frame System, installation, troubleshooting, maintenance, service or anything else, contact Sonny's Technical Support Team at 1-800-327-8723.
- All deviations and alterations from these instructions **MUST** be reported to Sonny's The CarWash Factory[®]. **Keep this manual in a location where it may be used for ongoing reference.**



IMPORTANT SAFEGUARDS AND WARNINGS

- WARNING: 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. These procedures MUST be followed to avoid personal injury, death and/or dismemberment.
- All parts and components MUST be installed by experienced and trained technicians.
- No unauthorized personnel should ever be permitted in the wash tunnel or near the equipment at any time.
- Hardhat, safety glasses with side shields, closed steel toe shoes, anti-impact and cut resistant gloves, dust mask, and earplugs if operating power tools, MUST be worn.
- When cutting or grinding any metal, safety glasses, earplugs, and dust mask **MUST** be worn.
- 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.
- 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 injury, death, or dismemberment.
- 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.





IMPORTANT SAFEGUARDS AND WARNINGS

- Electrical connections and repairs MUST ONLY be performed by a Licensed Electrician.
- Plumbing connections and repairs MUST ONLY be performed by a Licensed Plumber.
- When working on any equipment that is higher than your shoulders, always use a fiberglass ladder that is in good condition.
- Use proper lifting technique. Team lifts are required for items over 50 lbs.
- Do NOT alter or modify parts in any way and do NOT interchange or substitute any components without the authorization of your supervisor and Sonny's The CarWash Factory.
- Do NOT install any parts or components into faulty materials.
- All damages and defects MUST be reported to both your supervisor and Sonny's The CarWash Factory.
- If there are any malfunctions with the **Blower Frame System** or if any questions arise regarding the equipment operations, immediately contact your supervisor or Sonny's The CarWash Factory.
- Only use approved hardware, parts, and components with the Blower Frame System or any other equipment.
- Protect your body parts against sharp corners and edges at all times.
- Keep loose articles of clothing and jewelry away from the removal, installation, or operation of all equipment.
- The personnel installing the **Blower Frame System** are responsible for making sure it works according to the instructions in this manual.
- Always remove ladders, tools, parts, etc, from the wash tunnel when finished.
- All personnel MUST be trained in the safe operation of all equipment, wash tunnel operations, safety regulations, emergency shutdown and maintenance practices to avoid any accidents.
- Only personnel specifically instructed and trained are permitted to enter the wash tunnel to perform
 inspections or maintenance. At least two qualified maintenance personnel MUST be present when
 performing equipment repairs or preventive maintenance.
- **IMPORTANT:** Call Technical Support to adjust wash cycle when new equipment is installed.
- WARNING: All hydraulic and electrical systems in the wash tunnel equipped with torque relief or overload should be checked and set to the minimum amount that will allow for proper functionality under normal washing conditions.





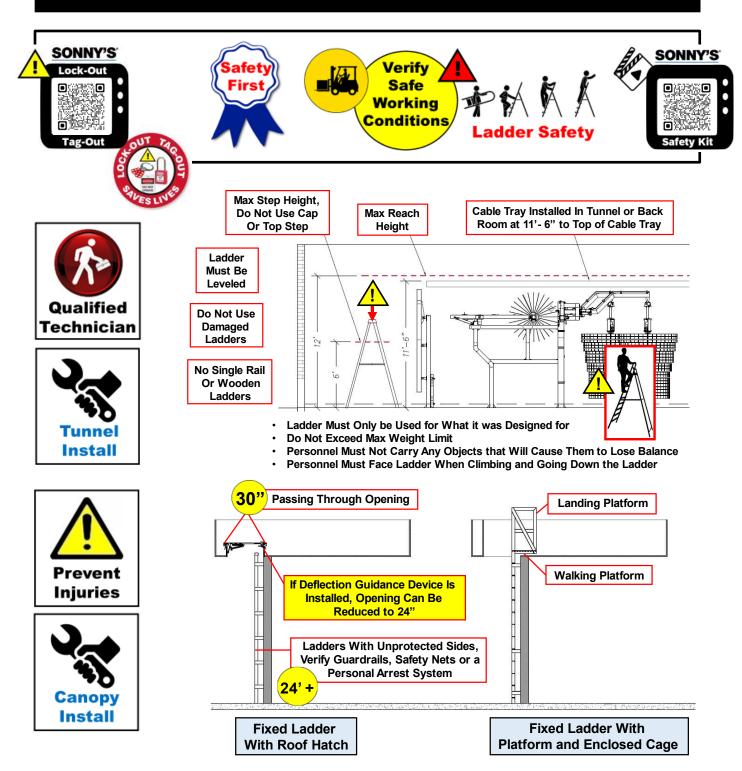
IMPORTANT SAFEGUARDS AND WARNINGS

- WARNING: Possible wet floors and slippery conditions! To avoid an accident that might result in personal injury, death or dismemberment, all personnel MUST proceed with Caution.
- **WARNING:** Do **NOT** enter the wash tunnel when the equipment is operating. Personal injury, death and/or dismemberment may occur.
- **WARNING:** Make sure the proper Chemistry (Brush Lubrication) is being used in the Car Wash Tunnel to prevent vehicle and/or equipment damage.
- WARNING: If the Equipment Installation Dimensions at the time of installation are NOT measured correctly, it may result in equipment damage and/or failure. Dimensions MUST be verified if equipment is already installed. Contact Sonny's Technical Support Team at 1-800-327-8723 for any Installation questions.
- **WARNING:** All connections and repairs **MUST ONLY** be performed by Licensed Professionals. Perform all trade work in compliance with all applicable local and national codes.
- WARNING: 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 to verify compliance.
- WARNING: Do NOT attempt to repair or adjust any pressurized liquid or pneumatic part, hose, pipe, or fitting while that equipment is in operation.
- WARNING: Do NOT operate any equipment that requires safety covers with those covers removed or improperly installed. Do NOT operate any equipment if any component of that equipment is suspected to be defective or malfunctioning.
- WARNING: Store all cleaning, 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.
- WARNING: 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.
- WARNING: All Equipment MUST be given regular maintenance to prevent equipment damage and/or failure that will VOID the warranty.
- WARNING: 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.

SAVE THESE INSTRUCTIONS



SAFETY FIRST



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INTRODUCTION



Make CarWashing Easy













































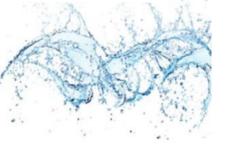








Learn More at: www.SonnysDirect.com/onewash



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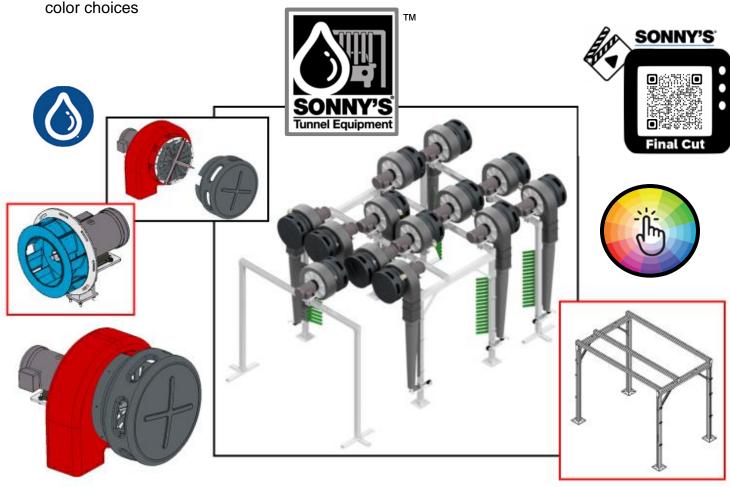


BLOWER FRAME SYSTEM FEATURES

The entire Blower Frame System works together to dry every inch of the vehicle in record time; by delivering a fluid motion over all surfaces for a more consistent drying experience across a wider range of vehicles. Sonny's Blowers maximize the drying performance with optimal results and maximum flexibility. The Blower Frame System lets you mount 10 blowers with up to 150 HP in fewer legs for a cleaner, more open drying space. The multi-functional Air Dryers and Pivoting Mammoth completes the car washing experience, so your customers keep coming back for more.

- > 8 Blowers with 120 HP, 10 Blowers with 150 HP, and 13 Blowers with 195 HP
- Different Impeller Options: With 10 HP, 15 HP, and Mammoth 15 HP

Frame and legs are constructed from aluminum with optional finish powder coating in multiple



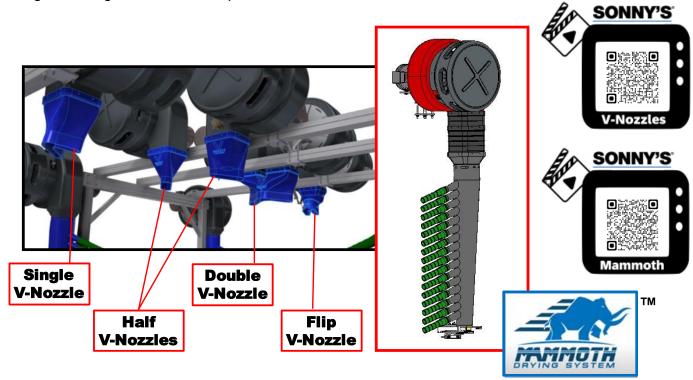
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BLOWER FRAME SYSTEM FEATURES

Increase Sonny's Blowers optimized efficiency by installing the **V-Nozzles** on the middle blowers and the **Mammoth Drying System** on the end Blowers.

- > Single V-Nozzle: Moves water off the vehicle and down the sides
- ➤ **Double V-Nozzle:** Moves large volumes of water off the vehicle, directs air from the center and down the sides for consistent results at high chain speeds
- ➤ Half V-Nozzle: Targets hard-to-dry areas like side mirrors and rockers; and by combining the Half V-Nozzles in split configurations it addresses specific needs for maximum coverage
- ➤ Flip V-Nozzle: Dries the back of SUVs from the license plate to under the deepest top molding; it also splits the air down the center for the most effective drying on a rear hatch we've ever achieved
- Pivoting Mammoth Dryer: Dries the rear glass and vehicle's bumpers at conveyor speeds up to 140 cars per hour; while the pivoting option promotes powerful and precise drying with fullrange coverage as the vehicle passes

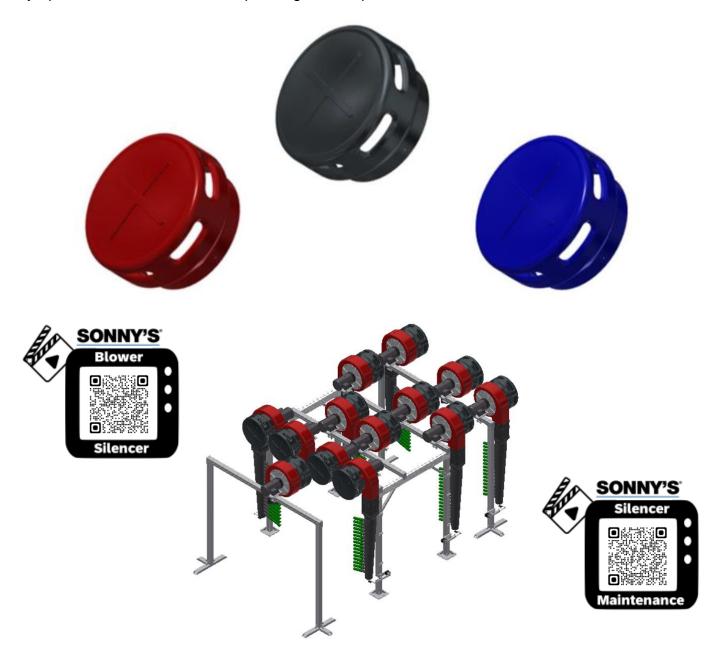


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BLOWER FRAME SYSTEM FEATURES

Gain flexibility in complying with noise ordinances that limit the allowable noise levels in some zoned areas. The **Blower Silencer™** retrofits to an existing Sonny's Blower to reduce noise level by up to 7 decibels at 50 feet depending onsite specific architectural and other variables.



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EQUIPMENT SPECIFICATIONS

Footprint Length	97" – 8 Blowers 172" – 10 Blowers 235" – 13 Blowers
Footprint Width	 130" Beams 138" – 8 Blowers 154" – 10 to 13 Blowers 144" Beams 152" – 8 Blowers 168" – 10 to 13 Blowers
Unit Height	132"
Vehicle Clearance	90"

UTILITY REQUIREMENTS

CAUTION: Do not use wire nuts to connect 3 phase wiring at the electric motor terminal box. Only use split bolt type connectors with electrical insulation tape and rubber insulator boots.

Typical split bolt connector.

Use to connect 3-phase wiring at electric motor terminal box.





UTILITY REQUIREMENTS

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

All connections and repairs MUST ONLY be performed by Licensed Professionals. Perform all trade work in compliance with all applicable local and national codes.



Compressed Air - The Customer's Plumber is responsible for:

The installer is to provide materials and install a 3/8" 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 at 60PSI.

Electric - The Customer's Electrician is responsible for:

- > The Customer's Electrician is to provide materials and install single phase power from the Customer's equipment programmer (Equipment Start-Stop System) to the actuation controls for each electric motor on the Blower.
- The Customer's Electrician is to provide materials and install 3-phase power (see voltage options below) to the Blowers Electric Motors on the Blower Frame System through properly sized 3 pole circuit breakers and motor starters with 3 thermal overloads.
- > WARNING: Make sure all motors are properly wired for the supply voltage being used.

Voltage Options

- > 208V / 3-Phase / 60 Hz
- 230V 460V / 3-Phase / 60 Hz
- 190V 380V / 3-Phase / 50 Hz

Technical Disclaimer

Stargate[™] Operating Pressure: 20psi

Flip V-Nozzle Operating Pressure: 20 - 30psi

Pivoting Mammoth Cylinder Operating Pressure: 30psi

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



SAFETY WEAR REQUIRED FOR INSTALLATION

WARNING: Make sure to follow Local and State Safety Wear Required Regulations to ensure the safety of all personnel. Failure to follow Safety Regulations may result in personal injury, death and/or dismemberment.

TOOLS REQUIRED FOR INSTALLATION

Tools	Tools
Forklift and 2 Ladders	Tape Measure and Never•Seez®
Safety Glasses and Gloves	4" Level and Pry Bar
Impact Gun and Sockets	Permanent Marker
1/2" Drive Ratchet Set	PTFE Paste or PTFE Tape
Standard Combo Wrenches	Large Standard Screwdriver
1" Hammer Drill	Lifting Straps and Stainless Shims
3 lb. Sledgehammer	Handheld Saw

QUICK START INSTALLATION MANUAL

Go online to SonnysDirect.com under Support Tab and look for:

QUICK START MANUAL

Blower Frame System





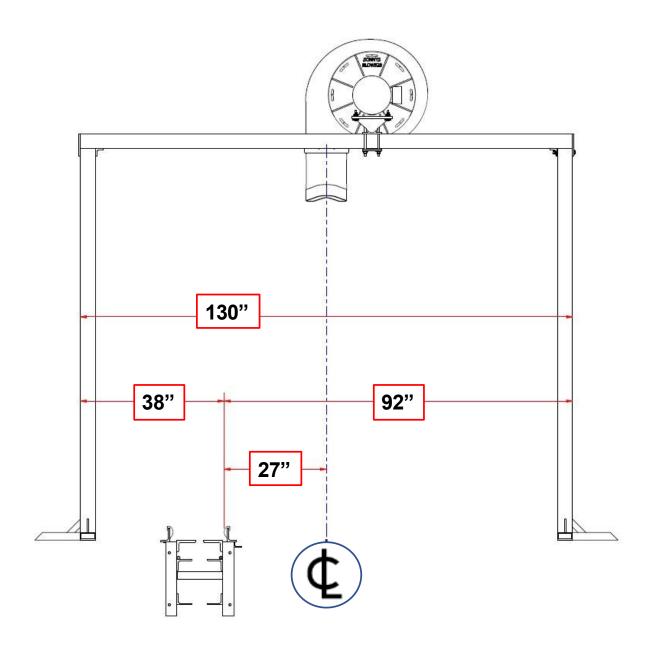


SUB-ASSEMBLIES REQUIRED FOR BLOWER INSTALLATION

The following sub-assemblies are included with shipment:

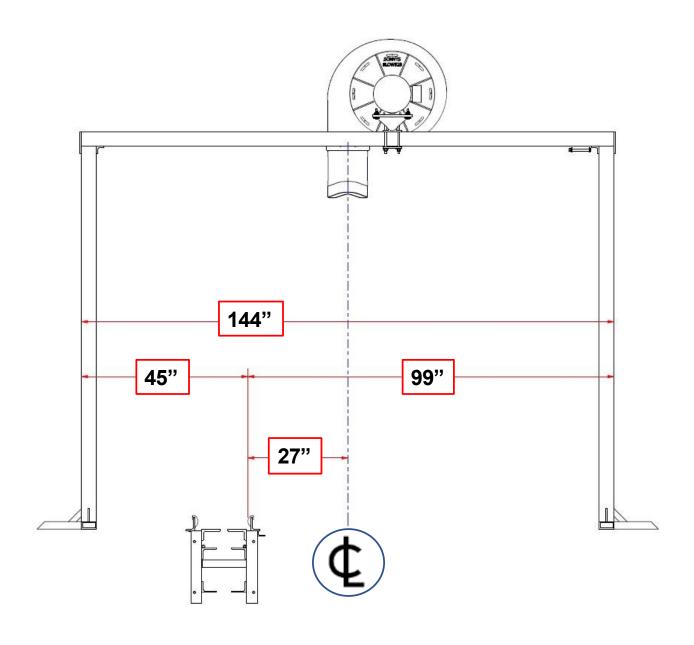
Motor & Impeller	Impeller Options 10 HP 15 HP 15 HP Mammoth	
Housing	Color Options Black Red Blue	
Stargate™ & Venturi	Venturi Color Options Black Red Blue	
Silencer Optional	Color Options Black Red Blue	





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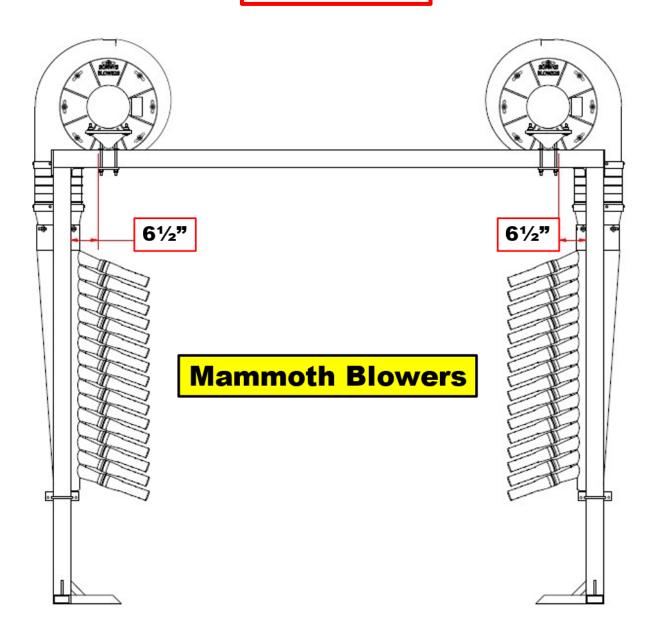


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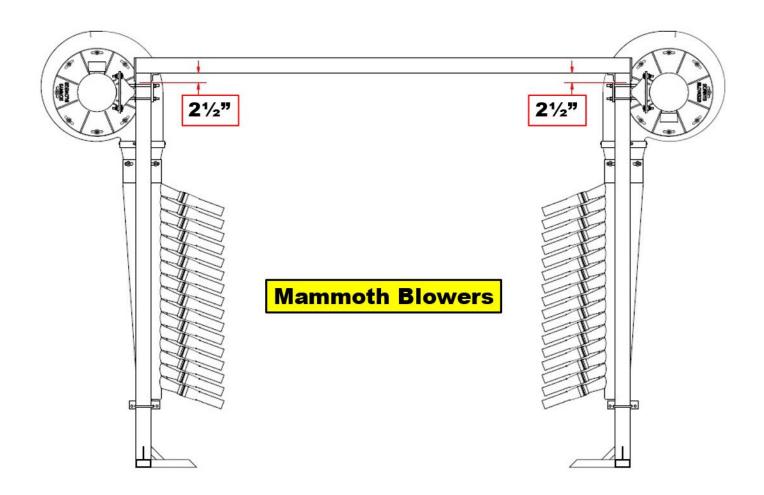
Beam Install



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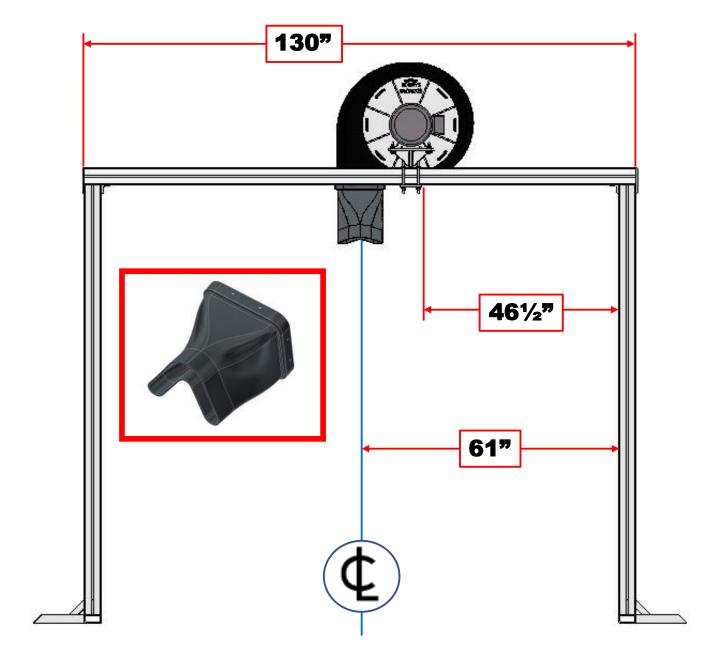


Leg Install





One Blower Single V-Nozzle

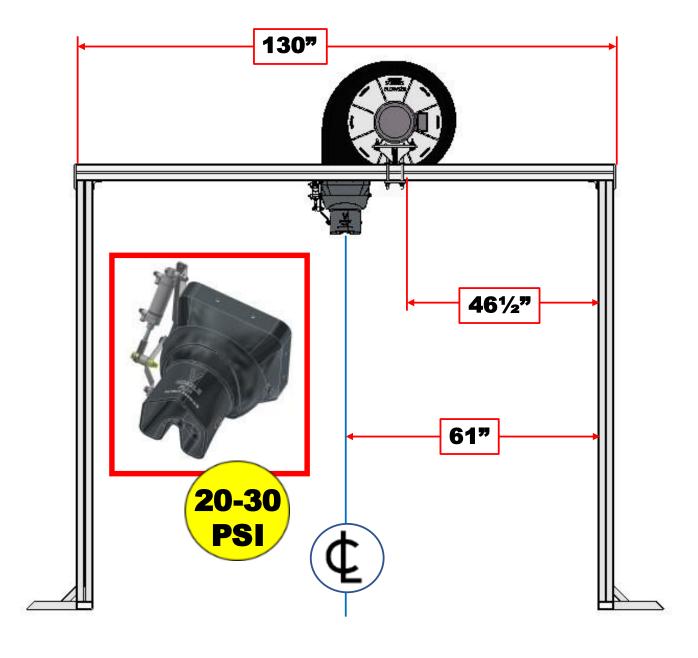


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One Blower Flip V-Nozzle

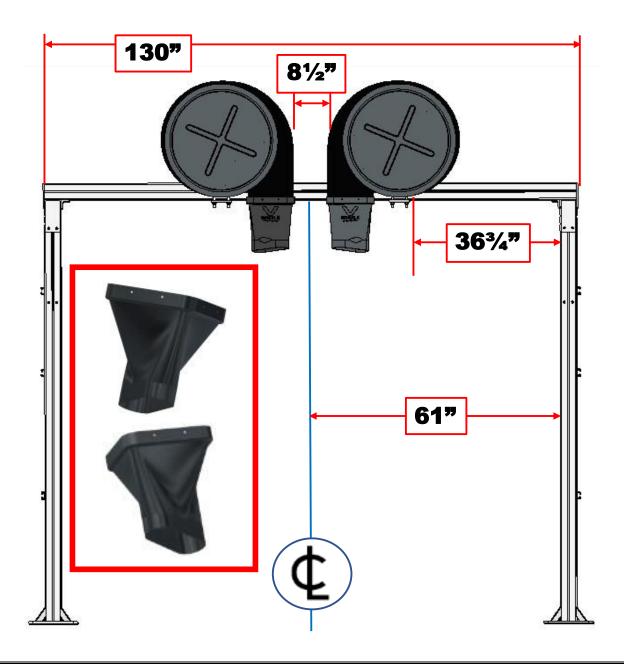


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Two Blowers Half V-Nozzle

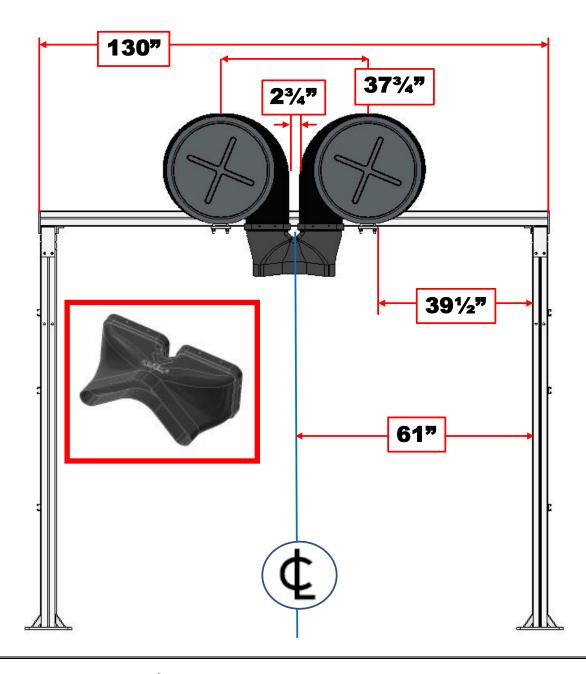


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Two Blowers Double V-Nozzle

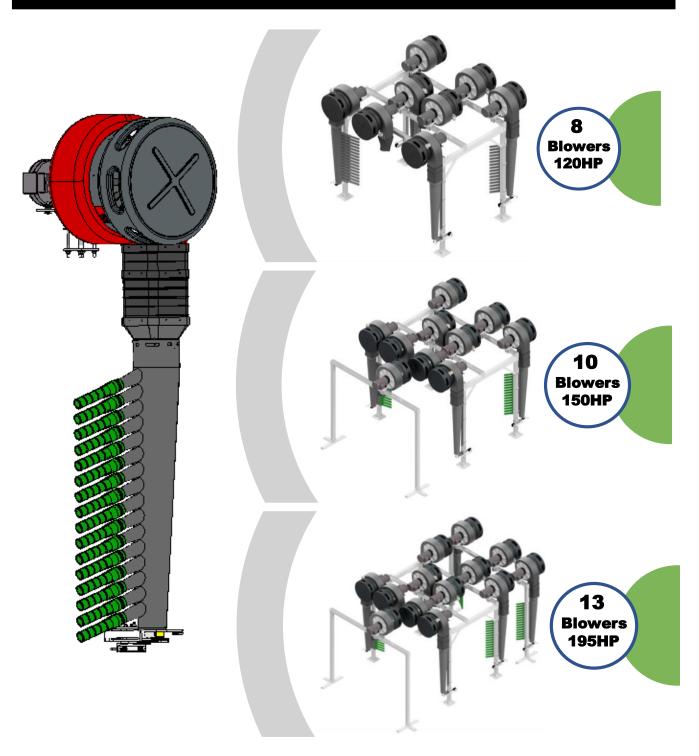


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INSTALLATION OPTIONS



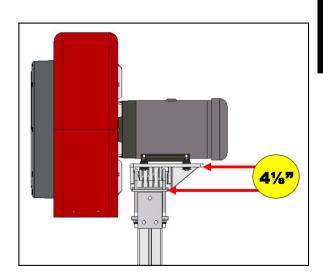
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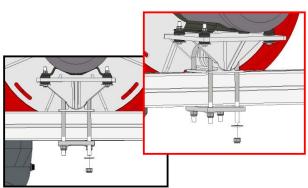


INSTALLATION OPTIONS

Footprint Length	97" – 8 Blowers 172" – 10 Blowers 235" – 13 Blowers
Footprint Width	130" Beams • 138" – 8 Blowers • 154" – 10 to 13 Blowers 144" Beams • 152" – 8 Blowers • 168" – 10 to 13 Blowers
Unit Height	132"
Vehicle Clearance	90"







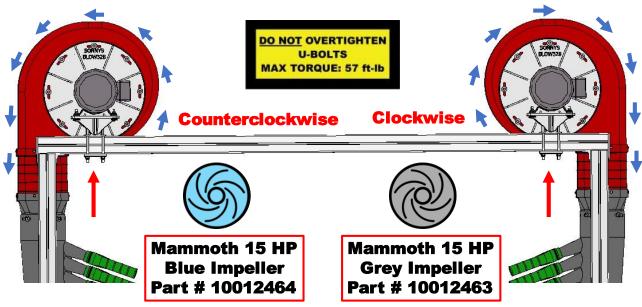


INSTALLATION BLOWER OPTIONS

ONLY USE These Options to Ensure Blower Optimization

BEAM INSTALL - MOTOR SIDE

Impeller Options





15 HP Green Center Impeller Part # 10008892



10 HP Blue Center Impeller Part # 20003310



15 HP Red Center Impeller Part # 10008893



10 HP Black Center Impeller Part # 20003311

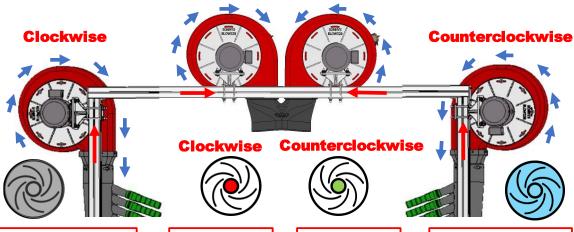


INSTALLATION BLOWER OPTIONS

ONLY USE These Options to Ensure Blower Optimization

LEG INSTALL - MOTOR SIDE

Impeller Options



Mammoth 15 HP Grey Impeller Part # 10012463 15 HP Red Center Impeller # 10008893 15 HP Green Center Impeller # 10008892 Mammoth 15 HP Blue Impeller Part # 10012464



15 HP Red Center Impeller Part # 10008893



10 HP Black Center Impeller Part # 20003311



10 HP Black Center Impeller # 20003311



10 HP Blue Center Impeller # 20003310



15 HP Green Center Impeller Part # 10008892

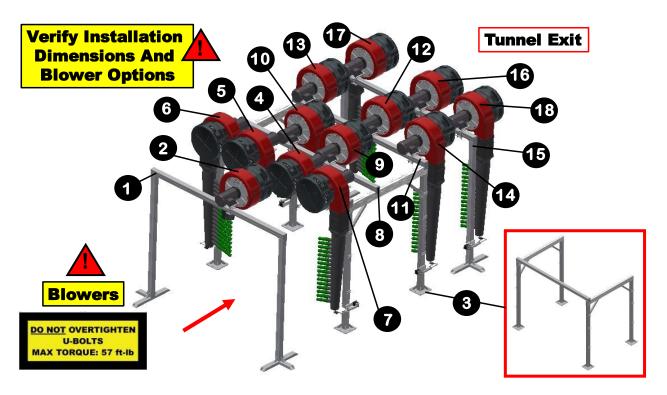


10 HP Blue Center Impeller Part # 20003310

DO NOT OVERTIGHTEN
U-BOLTS
MAX TORQUE: 57 ft-lb



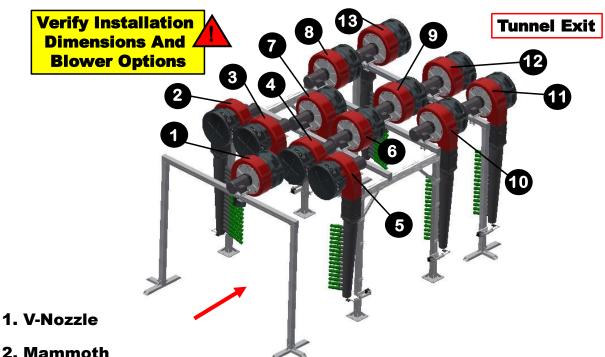
INSTALLATION ORDER



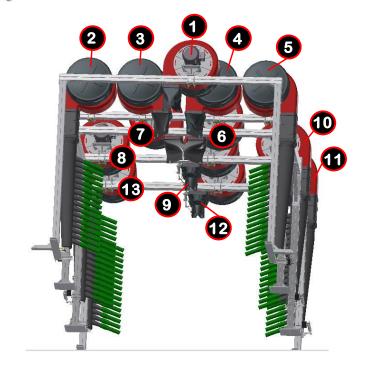
- 1. Install Complete Stand-Alone Frame and Tighten All Hardware
- 2. Install Blower and Torque U-Bolts to 57 ft-lb
- 3. Install Frame, Cross Beam and Tighten All Hardware
- 4. 5. 6. & 7. Install Blowers and Torque U-Bolts to 57 ft-lb
- 8. Install Cross Beam and Tighten All Hardware
- 9. & 10. Install Blowers and Torque U-Bolts to 57 ft-lb
- 11. Install Cross Beam and Tighten All Hardware
- 12. 13. & 14. Install Blowers and Torque U-Bolts to 57 ft-lb
- 15. Install Complete Stand-Alone Frame and Tighten All Hardware
- 16. 17. & 18. Install Blowers and Torque U-Bolts to 57 ft-lb



MAMMOTH & V-NOZZLES INSTALLATION OPTIONS



- 3. Half V-Nozzle Driver Side
- 4. Half V-Nozzle Passenger Side
- 5. Mammoth
- 6. & 7. Double V-Nozzle
- 8. Mammoth
- 9. Flip V-Nozzle
- 10. Mammoth
- 11. Mammoth
- 12. Flip V-Nozzle
- 13. Mammoth



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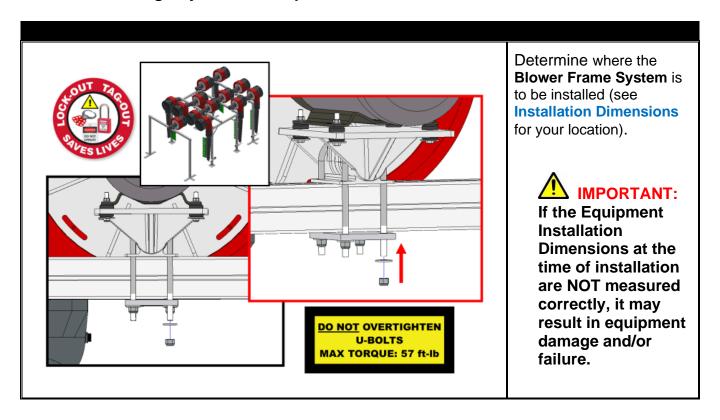


INSTALLATION INSTRUCTIONS

IMPORTANT: All parts and components <u>MUST</u> be installed by experienced and trained technicians. Safety wear is required for ALL personnel.

Work Force	Check	Installation Time	Check
2 Experienced and Trained Technicians	√	Frame Install 2 to 3 Hours Without Setbacks	√
2 Experienced and Trained Technicians	V	Blower Install 1 to 6 Hours Without Setbacks	\

DANGER: If Applicable, Always Shutoff All Power to Conveyor and Tunnel Before Starting Any Install or Repairs.

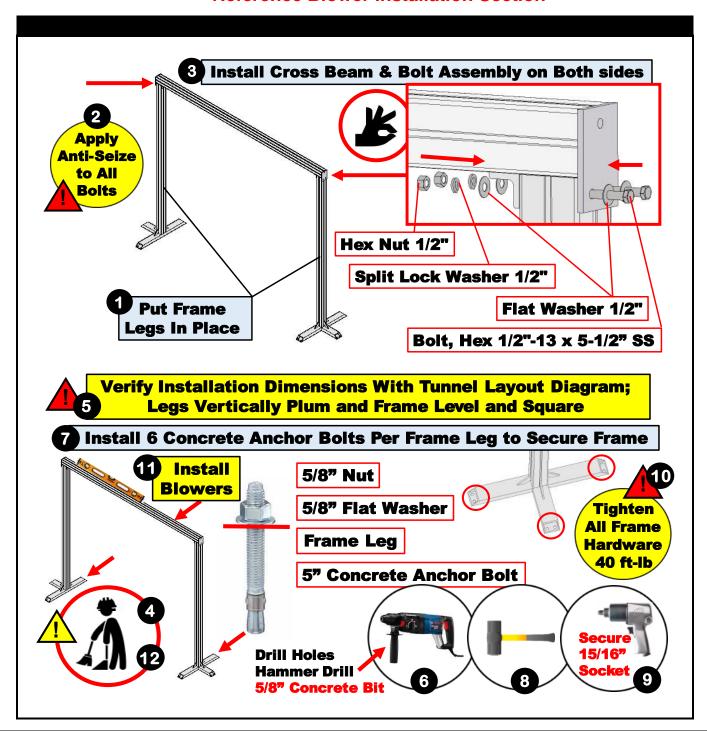


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STAND-ALONE FRAME INSTALLATION

Reference Blower Installation Section



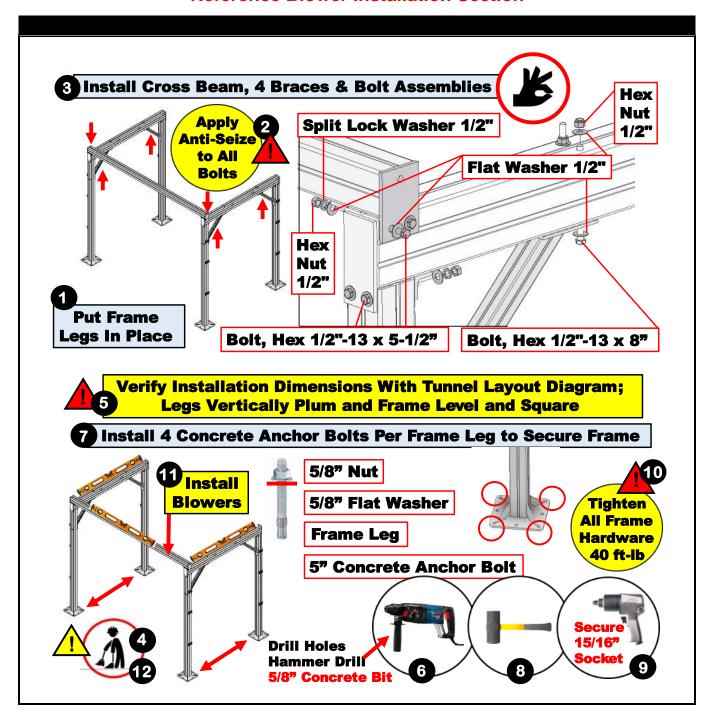
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MAIN FRAME INSTALLATION

Reference Blower Installation Section

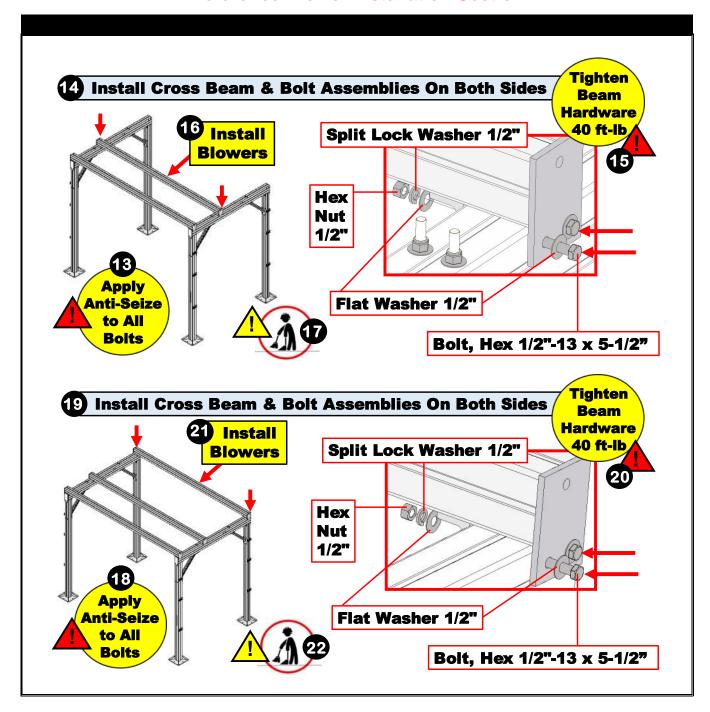


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MAIN FRAME INSTALLATION

Reference Blower Installation Section

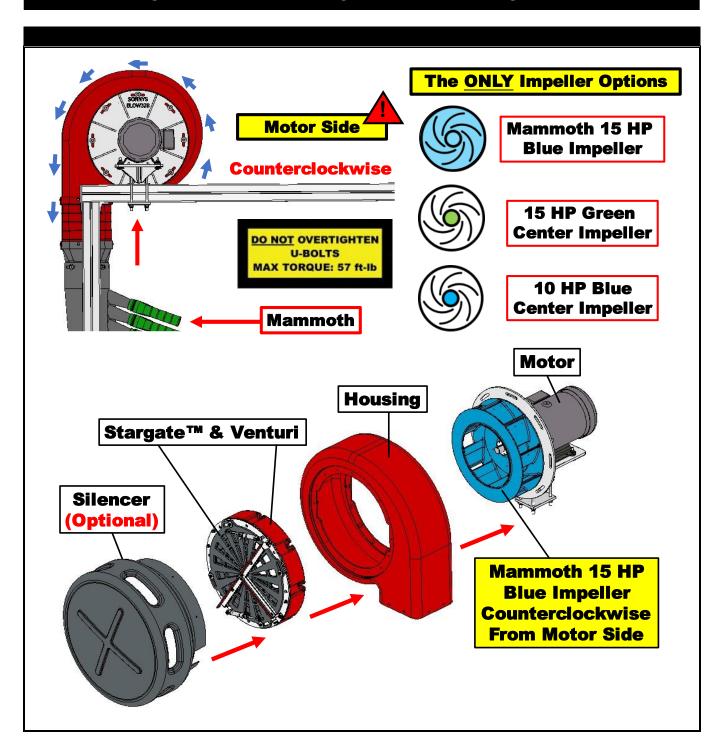


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BLOWER INSTALLATION – LEFT SIDE ON BEAM

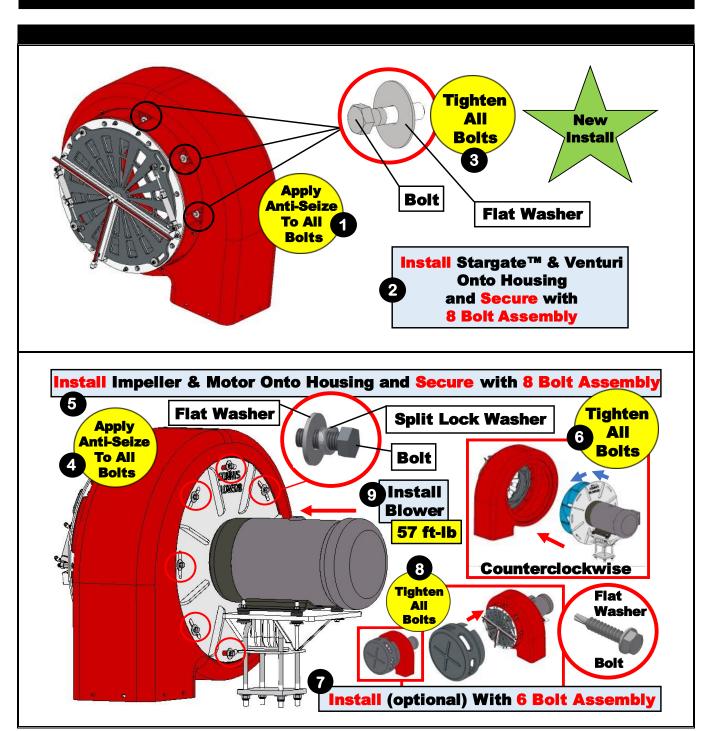


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BLOWER INSTALLATION – LEFT SIDE ON BEAM

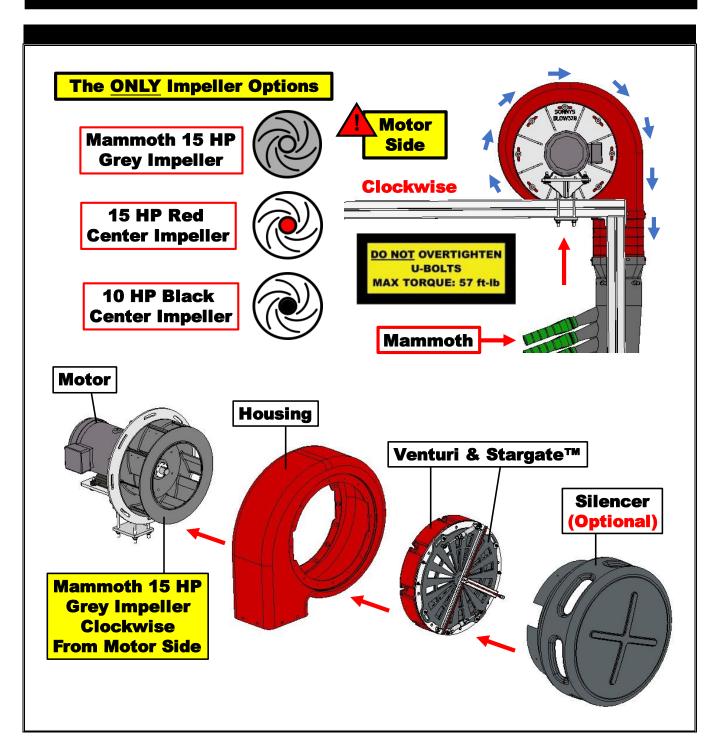


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BLOWER INSTALLATION - RIGHT SIDE ON BEAM

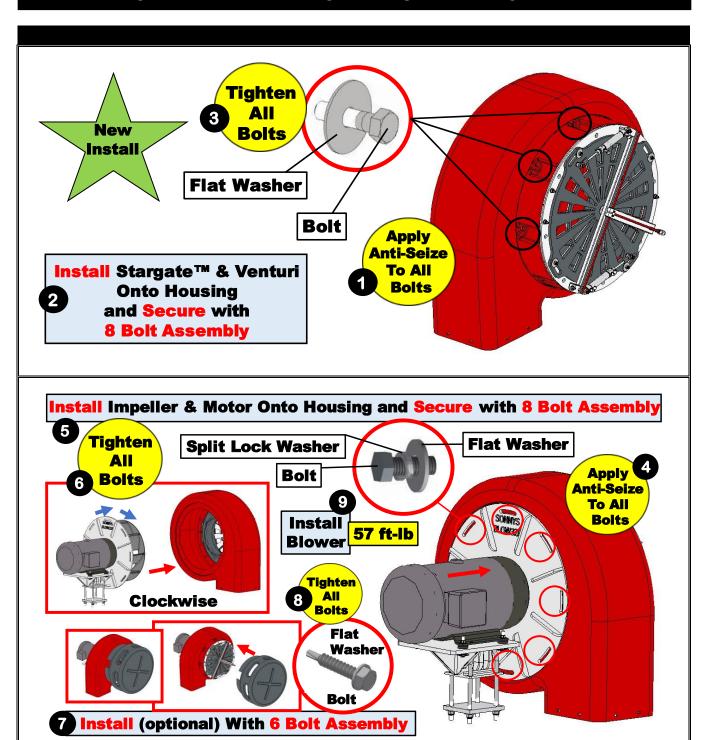


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BLOWER INSTALLATION - RIGHT SIDE ON BEAM

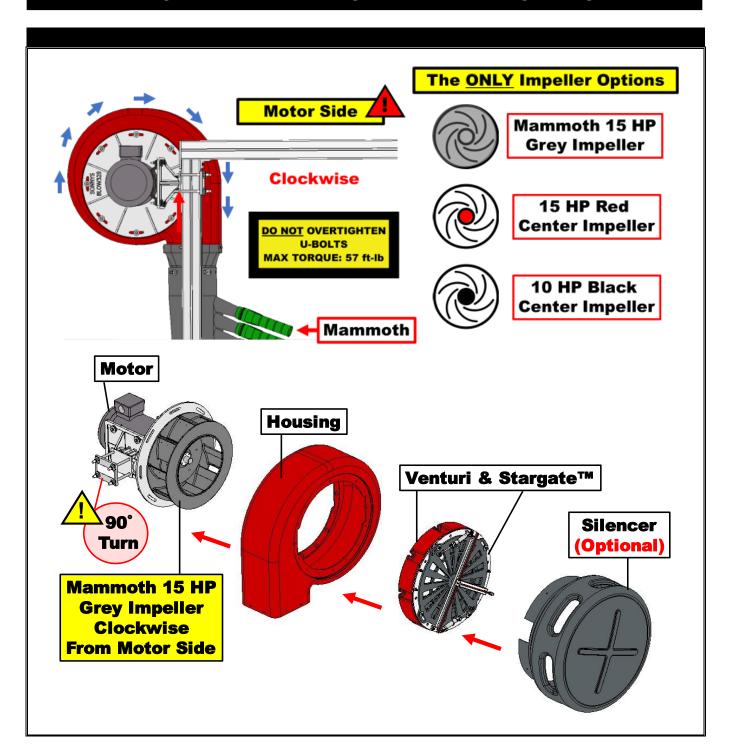


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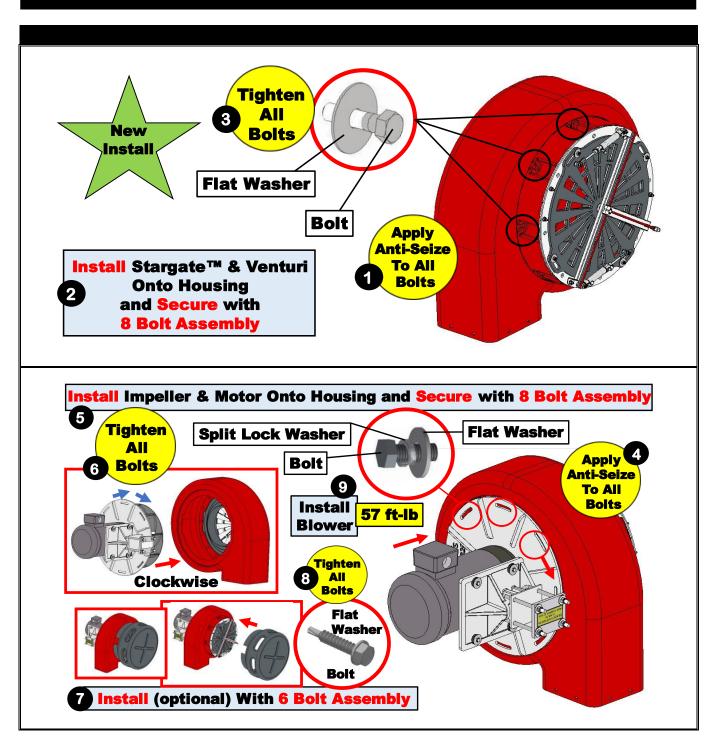
BLOWER INSTALLATION – LEFT SIDE ON LEG



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BLOWER INSTALLATION - LEFT SIDE ON LEG

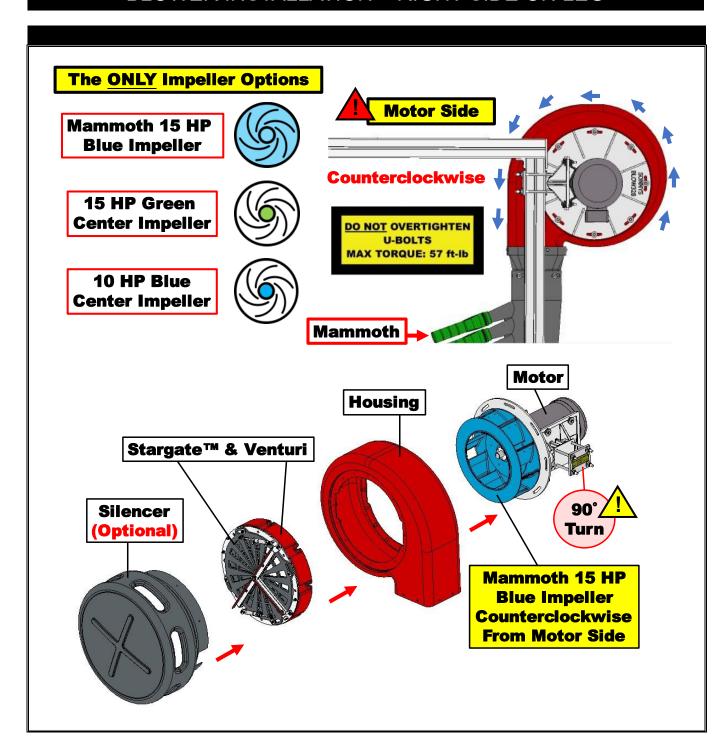


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BLOWER INSTALLATION - RIGHT SIDE ON LEG

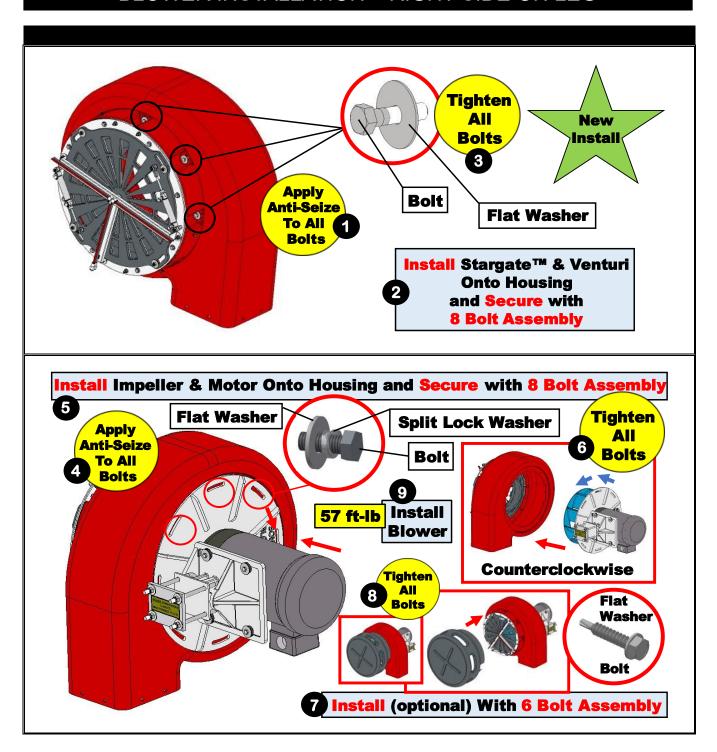


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BLOWER INSTALLATION - RIGHT SIDE ON LEG

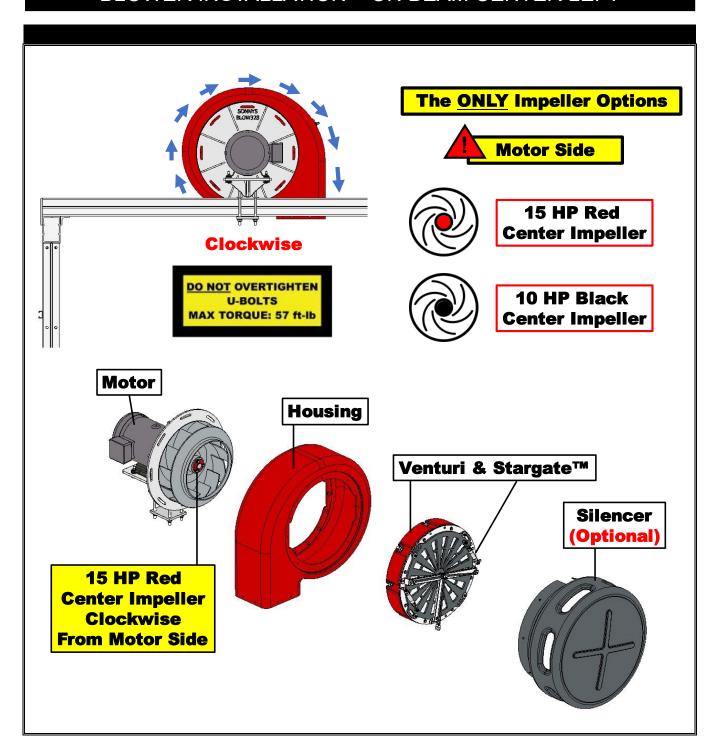


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BLOWER INSTALLATION - ON BEAM CENTER LEFT

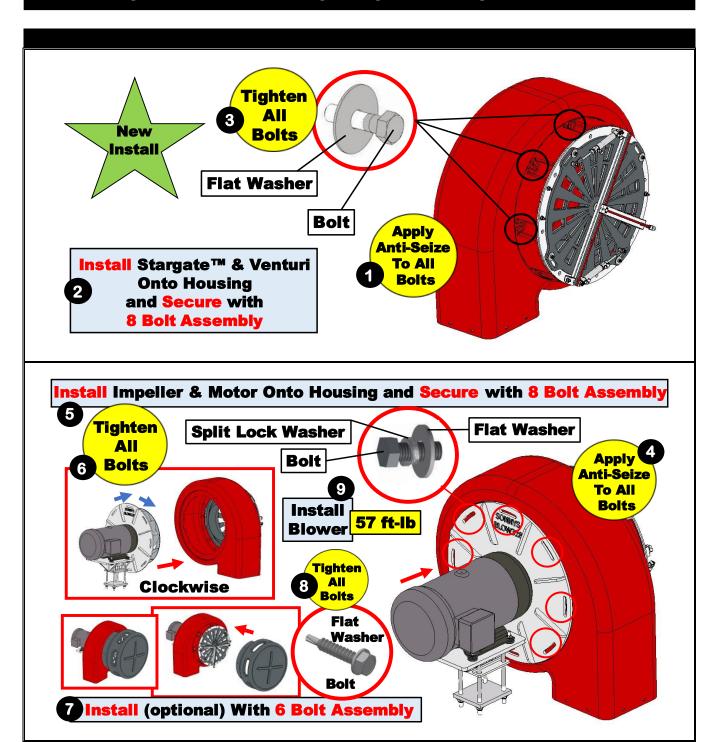


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BLOWER INSTALLATION - ON BEAM CENTER LEFT

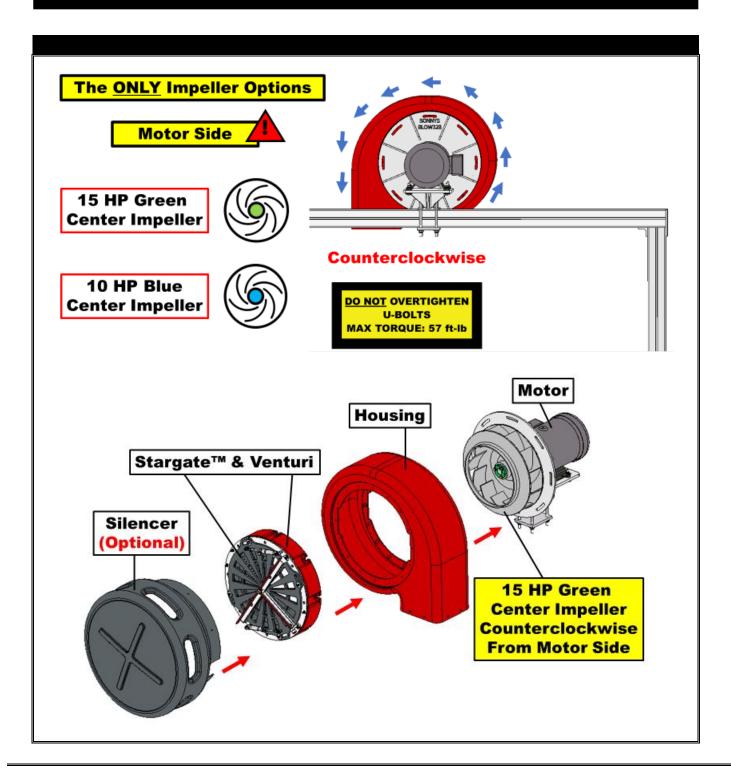


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BLOWER INSTALLATION – ON BEAM CENTER RIGHT

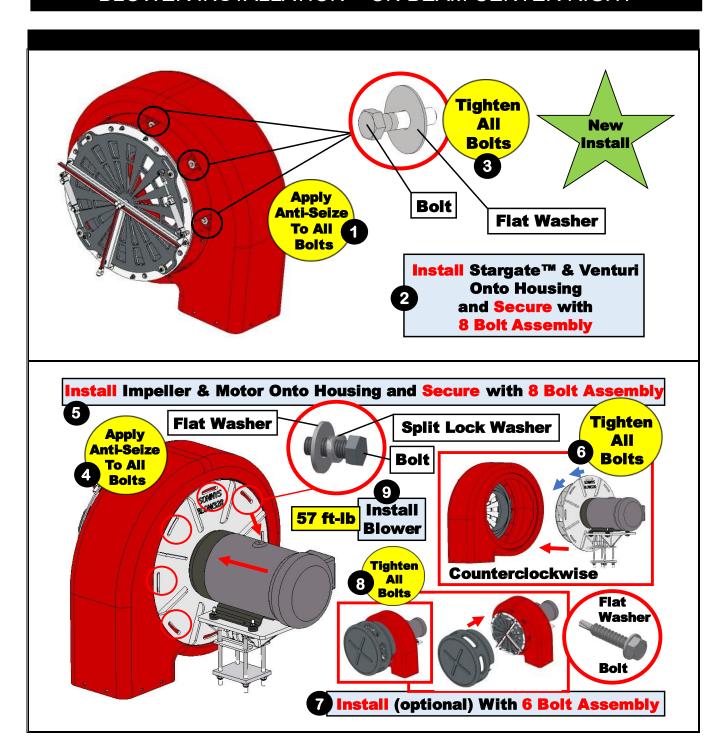


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BLOWER INSTALLATION - ON BEAM CENTER RIGHT

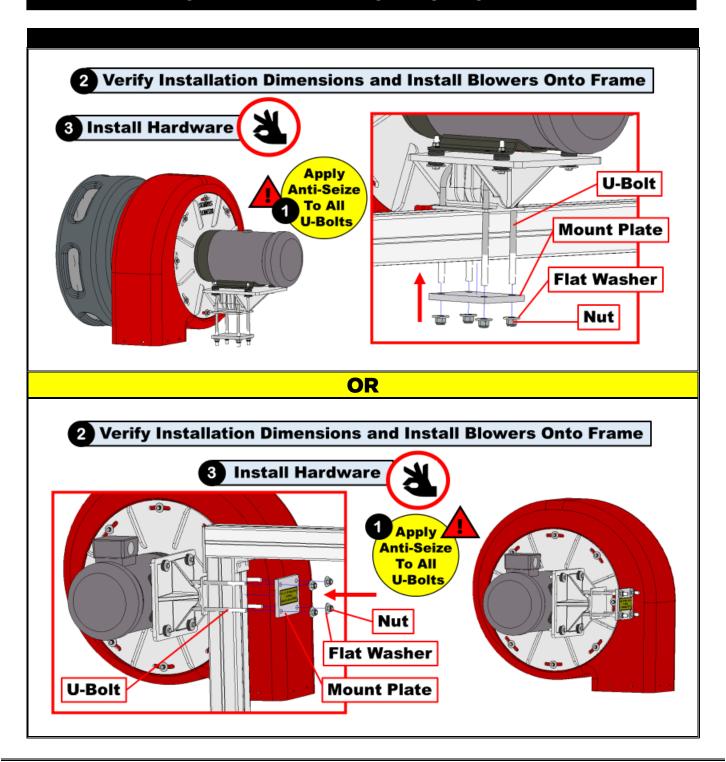


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BLOWER INSTALLATION – ONTO FRAME

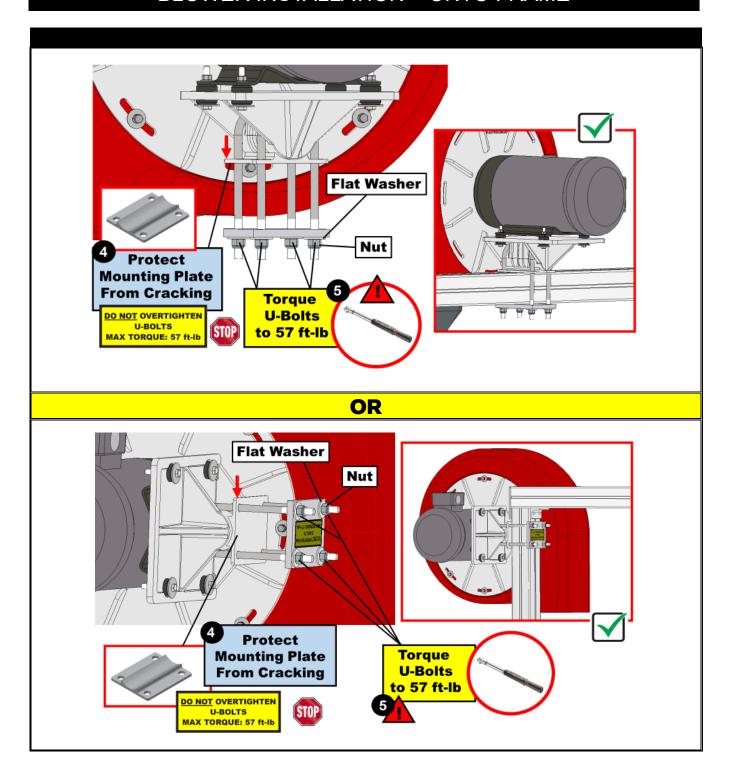


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BLOWER INSTALLATION – ONTO FRAME

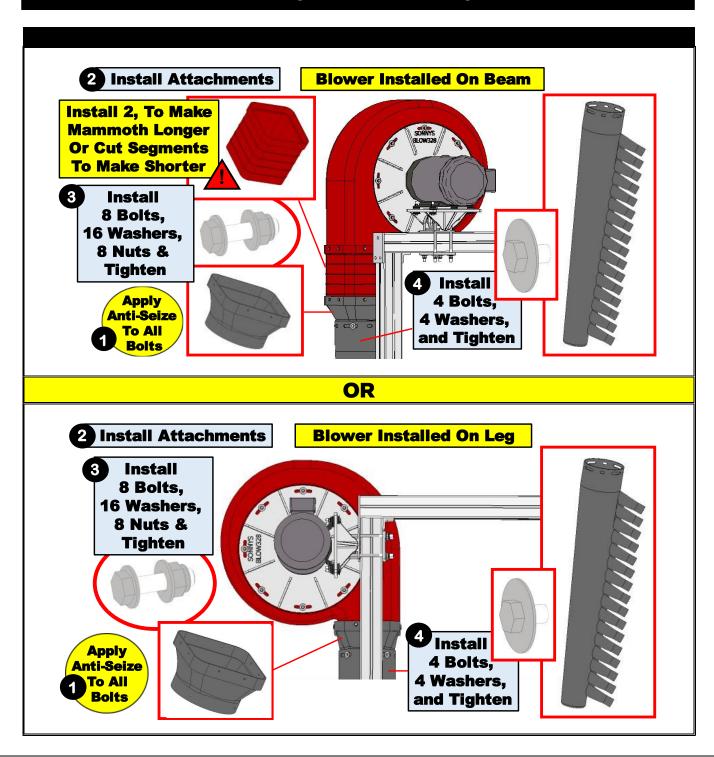


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MAMMOTH INSTALLATION

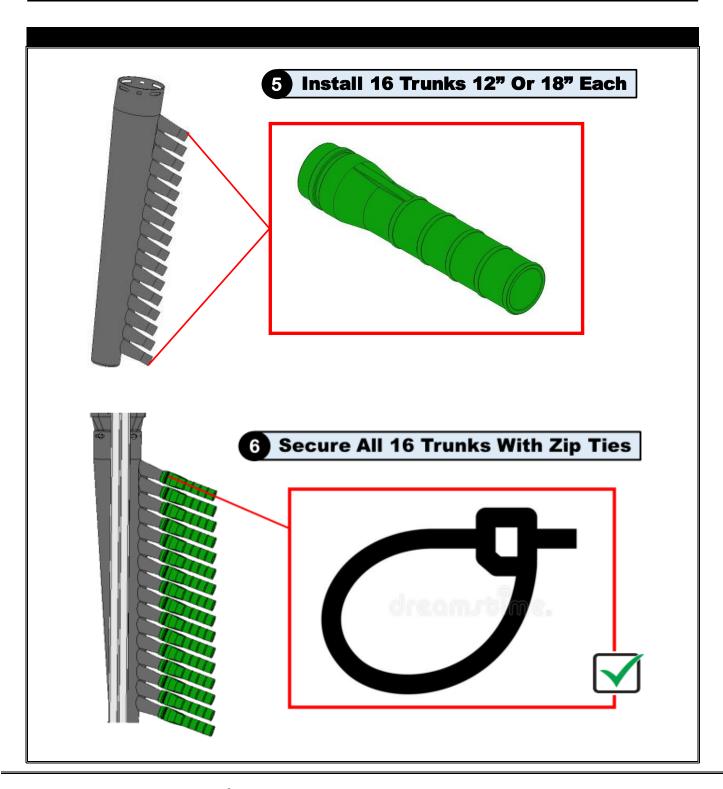


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MAMMOTH INSTALLATION

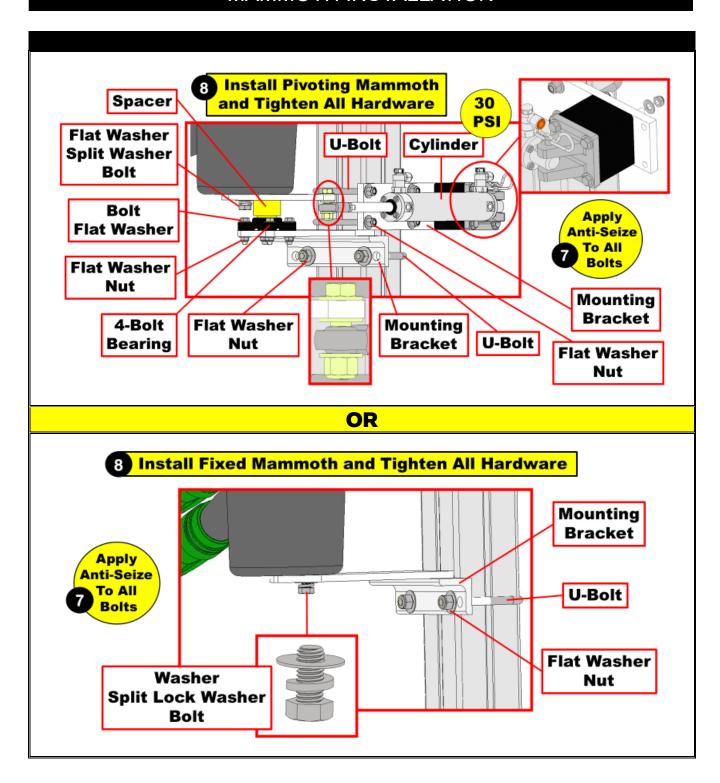


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MAMMOTH INSTALLATION



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V-NOZZLE INSTALLATION



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MAINTENANCE

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

MARNING: Make sure the proper Chemistry (Brush Lubrication) is being used in the Car Wash Tunnel to prevent vehicle and equipment damage.



Motor

DAILY

- Check each producer for proper operation, listening for any unusual noises and correct the cause of any unusual vibration.
- Remove any debris from the air inlet screen on the air producers.
- Check the optional top oscillator or flip nozzle for proper operation.
- Wipe or wash down blower silencers, blower housings, and nozzles.
- Check nozzle outlets and blower silencer for debris or obstructions.



MONTHLY

- Inspect all hardware and fittings for tightness.
- Thoroughly clean the framework, blower silencers, blower housings and each impeller of dirt and debris.
- Check bolted connections to ensure they are tight.
- Check for damaged blower silencers.

<u>ANNUALLY</u>

- Measure and Record Full Load Amp Readings.
- Measure and record, full load current readings from each of the three legs of each of the three phase electric motors.
- If the differential of current load exceeds 10% between the legs, or the balanced load current of all three legs has increased over 10% since the most recent measurements, order a replacement motor.
- Record readings in the semi-annual log.
- Grease all electrical motors on the blowers with a high-temperature grease, rated for at least 160 degree Fahrenheit.

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Part Number	Description	Image
20018005	Blower Inlet Silencer, Black	
20018008	Blower Inlet Silencer, Red	
20018006	Blower Inlet Silencer, Blue	
10013134	Hex Screw, Washer ELCO 10 X 1 Self Tap #3PT Pack of 10 (Kit Not Included With Silencer)	

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Part Number	Description	Image
20020127	Stargate™ Blower Venturi, Black	
20020129	Stargate™ Blower Venturi, Red	
20020128	Stargate™ Blower Venturi, Blue	



Part Number	Description	Image
10006364	Blower, Plastic Venturi Cone, Black	
10006506	Blower, Plastic Venturi Cone, Red	
10006507	Blower, Plastic Venturi Cone, Blue	



Part Number	Description	Image
20005446	Blower Universal Housing, Black	
20005447	Blower Universal Housing, Red	
20005445	Blower Universal Housing, Blue	



Counterclockwise Impellers

Part Number	Description	Image
10012464	Mammoth 15 HP Blue Impeller	
10008892	15 HP Green Center Impeller	
20003310	10 HP Blue Center Impeller	

WEAR ITEMS AND REPLACEMENT PARTS

Clockwise Impellers

Part Number	Description	Image
10012463	Mammoth 15 HP Grey Impeller	
10008893	15 HP Red Center Impeller	
20003311	10 HP Black Center Impeller	



Part Number	Description	Image
10009216	Baldor Motor 10 HP 3490 RPM 215TC Washdown	
10008881	Baldor Motor 10 HP 3490 RPM CEM3711T 215TC 3Ph	
40011965	Elektrim Blower Motor 15 HP 3600 RPM 3Ph	
40012951	Baldor Blower Motor 15 HP 3600 RPM 3PL	

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Part Number	Description	Image
20000131	Blower, Motor Mount Plate Assembly	
20005444	Blower, U-Bolt 8-7/8" Assembly	
10007866	U-Bolt 1/2"-13 x 3-1/8" x 8-7/8" Zc	
10002706	Blower, Vibration Isolator Motor Mount Elastomer	

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Part Number	Description	Image
20015835	Mammoth Dryer, 1-Side Nozzle Black Kit	
10012662	Mammoth, Black Trunk 12" Set of 16	
10013592	Mammoth, Black Trunk 18" Set of 16	
10012664	Mammoth, Red Trunk 12" Set of 16	
10013594	Mammoth, Red Trunk 18" Set of 16	
10012663	Mammoth, Blue Trunk 12" Set of 16	
10013593	Mammoth, Blue Trunk 18" Set of 16	
10012665	Mammoth, Green Trunk 12" Set of 16	
10013595	Mammoth, Green Trunk 18" Set of 16	

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Part Number	Description	Image
20016082	Fixed Mammoth Dryer, Mounting Bracket	00
10012561	Fixed Mammoth Dryer, Bolt Kit, One Side Only	N/A
20016428	Mammoth Pivoting Cylinder Mounting Kit and Hardware	
20016429	Mammoth Pivoting Bracket Driver Side Mounting Kit	
20016430	Mammoth Pivoting Bracket Passenger Side Mounting Kit	

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Part Number	Description	Image
10013085	Blower, Single V-Nozzle Black	
10013087	Blower, Single V-Nozzle Red	
10013086	Blower, Single V-Nozzle Blue	
10013524	Blower, Half V-Nozzle DS Black	
10013526	Blower, Half V-Nozzle DS Red	
10013525	Blower, Half V-Nozzle DS Blue	
10013527	Blower, Half V-Nozzle PS Black	
10013529	Blower, Half V-Nozzle PS Red	
10013528	Blower, Half V-Nozzle PS Blue	
10013088	Blower, Double V-Nozzle Black	
10013090	Blower, Double V-Nozzle Red	
10013089	Blower, Double V-Nozzle Blue	
20018832	Blower, Flip V-Nozzle Black	
20018834	Blower, Flip V-Nozzle Red	
20018833	Blower, Flip V-Nozzle Blue	
10002227	Bolt Kit for V-Nozzles Note: Double V-Nozzle Requires 2 Kits	Each Kits Contains: 8 Bolts, 16 Washers and 8 Nuts

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Sonny's CarWash College[™]

Master Your Trade

Comprehensive training to plan, manage, maintain, and grow your business! Sonnys-Support@SonnysDirect.com / Training@SonnysDirect.com



Hands-On Training - www.SonnysDirect.com/class_schedule

 State-of-the-art equipment labs and collaborative learning environments located in Tamarac, FL & Phoenix, AZ. Hands-on experience that's transferable to your wash.



Real Certifications

 Real training with real testing and certification ensures your staff will gain the necessary skills to make a positive impact that drives savings.





Real CarWash Experts

 Our Instructors have washed over 100 million cars and combined have owned, operated, or managed over 200 car wash locations.



Comprehensive Training Materials

 Participants leave with complete documentation of every procedure, technique, and skill they learn— a lifetime worth of car washing experience.



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CUSTOMER SERVICE & TECHNICAL SUPPORT



Need more help?

For questions regarding installation, operational issues, settings, or servicing of this equipment please contact Sonny's Tech Support or email at Sonnys-Support@SonnysDirect.com.

To order **replacement parts**, contact **Customer Service**, email us at CustomerService@SonnysDirect.com or visit us on the web at www.SonnysDirect.com.

Toll Free Main Line 800-327-8723 Office: Monday – Friday 8:00 AM – 5:30 PM ET

Fax Number 800-495-4049 **Local Number** 954-720-4100

Customer Service Option 3 Customer Service: Monday – Friday 8 AM – 8 PM ET

Parts Option 3
Equipment Sales Option 4
Technical Support Option 5

SONNY'S ENTERPRISES INC. 5870 N Hiatus Road TAMARAC, FLORIDA 33321

Thank you for being a Sonny's car wash equipment owner!

From all of us here at



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HOW CAN WE HELP YOU?







Get answers to the most **frequently asked questions** regarding car wash equipment, improving your operations, attracting customers, investing in a car wash, managing risk at your car wash, instructional videos, and much, much more.



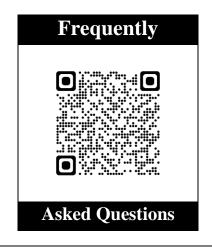




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WARRANTY



Always Check Latest Warranty Online: SonnysDirect.com (Support Tab)

SONNY'S ENTERPRISES, LLC FACTORY LIMITED LIFETIME WARRANTY



Equipment manufactured by SONNY'S ENTERPRISES, LLC 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 will also be warranted by Sonnys for a period of one (1) year.

Exclusions: The following items are excluded from the 1 year warranty: Brushes on tire brush & tire shiners, all cloth and materials including neoglide, microclean, standard cloth, drying material, and Ecofi; chain, roller and all wear items. Other restrictions may apply. All new cloth shipped with new SONNY'S equipment is warranted for a period of one (1) year or 80,000, whichever occurs first. Microclean is warranted for a period of one (1) year or 60,000 carwashes, whichever occurs first.

Wear items include, but are not limited to, shocks, cylinders, bearings, material, brushes, and any other item that requires regular greasing. Lack of required maintenance will result in denial of warranty. Wear items will be covered in the event of failure upon startup.

Blower motors not installed utilizing split bolt connectors will NOT be warrantied. Neither labor nor transportation charges are included in this warranty.

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.

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 installed, 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.

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Technology, Controls, & Point-of-Sale: Learn the latest tips and tricks to leverage technology to increase profits and reduce costs.
Car Wash Marketing: Ideas to capture, upsell and retain your unfair share of customers both onsite and online. Marketing and signage tips to increase membership and average tickets, decrease churn and improve loyalty.
Car Wash Chemistry: Information to help you deliver a clean, dry, and shiny car every time at a cost that makes sense.
Detailing: Deals on everything you need to run your professional, and express detailing center.
Do's & Don'ts: Tips and Tweaks to keep your Sonny's Equipment at peak performance.
Water Treatment: Tactics to optimize every drop of water to reduce utility costs and elevate the cleaning process.

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FREE CAR WASH CATALOGS & BOOKS



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Emergency CarWash Equipment Tunnel Equipment CarWash Parts & Supplies CarWash Controls CarWash College CarWash Chemistry CarWash Signage Corporate

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New Investors



Details

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Expert guidance to help you go from breaking ground to ground-breaking performance.





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Comprehensive hands-on training to plan, manage, maintain and grow your business.





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Trusted leadership from the world's largest manufacturer of conveyorized car wash equipment.





Services

Local installation, service and support to build and operate your business.





Vacuums

The industry's best-selling central vacuum with professional grade durability to maximize uptime.



\checkmark

Controls

Complete business management technology to deliver efficiency and profitability across your locations.





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Marketing consultation, design and campaign management to attract, upsell and retain customers onsite and online.





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Custom branded signage and lighting to create a value proposition and on-site experience that dominates.





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The most convenient and accurate way to deliver a clean, dry and shiny car.





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Integrated backroom systems designed to consistently achieve superior performance.





Wate

Revolutionary treatment to elevate water quality and reduce waste.





Darte

12,000 parts in stock for immediate delivery to support your business with inventory for every OEM.

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WHAT YOU SEE IS WHAT YOU GET



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CONTROL YOUR PROFITABILITY



Sonny's Point-of-Sale & Back-Office Management System

Engineered with state-of-the-art technologies and designed exclusively for the car wash industry with input from experienced real-world operators. This high-performance car wash point-of-sale (POS) computer system comes complete with features designed to help you maximize your site's profitability, including cash flow management, employee scheduling, VIP club membership programs, house / fleet accounts, online shopping, E-Commerce, and more!

Increase Uptime, Revenue, and Customer Loyalty While Reducing Operating Costs.

SECURITY AT YOUR FINGERTIPS



Compliant Car Wash Video Security Systems

Eyeson Digital Surveillance & Management Systems provides your car wash end-to-end real-time surveillance and monitoring of the entire perimeter of your property including the tunnel, building access points, vacuum stations and employee work areas.

Each system is custom-designed specifically for your car wash security needs and available 24/7/365 live monitoring gives you peace of mind from false damage and accident claims, or cash loss resulting from theft or shrinkage.

Eyeson delivers more, much more. Imagine being able to search by license plate to find all footage of a car on your property or identifying an intruder on your property at 2am looking to steal copper being questioned by a live person via a 2-way speaker that can send the police. These are the options available that let you focus on what really matters—growing your business!

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GROW YOUR BUSINESS





Why Choose Car Wash Buildings' Pre-Manufactured Car Wash?

Car Wash Buildings' complete package is designed to provide you with a world-class express exterior car wash structure that dazzles your customers and eclipses your competition without the high cost and lead times associated with traditional building construction.

Unique Light Wall

Forget the signs that drivers are mentally trained to ignore, now you can turn your entire building into a 24/7 marketing tool that draws in passing traffic. The light wall is visible through the glass walls and can be programmed for different color schemes to match your branding, or even seasonal advertising. Imagine turning your car wash green and red for Christmas, or red, white and blue for the 4th of July – even pink in October for breast cancer awareness month!

Your entire order should be available within 8-12 weeks after you give us authorization to begin production.





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TOTAL SOLUTION







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