



PRICE ENTERPRISES
INC

SOP 29-21CW December 22, 2021

Blower Maintenance Schedule

Purpose: CarWash808 Express ensures proper operation of all equipment and the safety of all its employees. Following this schedule will maintain proper operation of the blowers and reduce the risk of malfunction.

Verify wash stop is engaged and proper PPE must always be used during maintenance. Suspect blowers will be taken out of service, while following Lockout/Tagout Procedures refer to SOP 03-18CW Lock Out Tagout.

DAILY

- Perform visual inspection of each blower, removing debris or obstructions from air inlet screen
- Ensure no personnel is in or near blower area
- Perform audible inspection using the Guardian Control iPad to turn each blower on individually, listening for abnormal noises such as bearing failure or extreme vibration. All blowers should sound identical
- If any visual or audible abnormalities are found inform Maintenance Manager and/or Operations Manager immediately.

WEEKLY

- Visually inspect each blower through the air inlet screen using a ladder and a flashlight. Always follow safety requirements when using ladder and have another employee holding ladder when in use.
- Visually inspect condition of impeller checking for excessive dirt, cracking or worn impeller blades
- Visually inspect taper lock
- If any visual or audible abnormalities are found inform Maintenance Manager and/or Operations Manager immediately.

MONTHLY

- Inspect all hardware and fittings for tightness
- Check electrical connections for looseness or corrosion
- Remove blower grate and use pressure washer to thoroughly clean each impeller of dirt and debris

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- Ensure taper locks are tight and check bearing conditions

ANNUALLY

- Measure and record
 - Full load amp readings
 - Full load current readings from each leg of three phase motor
- If differential of current load exceeds 10% between the legs, or balanced load current of all three legs has increased over 10% since the most recent measurements, order a replacement motor
- Record readings in maintenance log

Daniel Matsamura

Daniel Matsamura
Operations Manager

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