



Monthly Blower Inspection

Tommy 1.2 Blowers

This document will provide Team Members with a step-by-step guide for completing monthly blower inspections on Tommy 1.2 Blowers. Regular inspections help identify and address potential safety hazards before they become serious issues. This process should be completed after hours while no cars are in the wash.

Materials

- Mobile HMI iPad
- Ladder
- Cut-proof gloves
- Safety glasses

Safety Reminders

- The blower room safety chain must be present at all times unless a wash stop is engaged.
- A wash stop must be engaged before entering the blower room.
- Only qualified individuals should enter the MCP cabinet.
- Only trained Team Members are permitted to perform lockout/tagout.



Tommy 1.2 Blowers - Work Instructions

1. Engage a wash stop.
2. Turn all blower disconnects to OFF. Then, set all blower overloads in MCP2 to OFF.
3. On the iPad HMI, attempt to start each blower in Manual mode to confirm none can energize.
4. Safely stage a ladder under the first blower with secure footing. A spotter must be present whenever a Team Member is on a ladder.
5. Remove any physical debris from blower nozzles, housings, or intake areas. Only remove trash or material that can be safely pulled by hand.
6. Use a flashlight to visually inspect the impeller for cracks, bent fins, deformation, or metal contact marks. If a blast gate is installed, carefully move the gate with an appropriate tool so the taper lock is visible.
7. Confirm that the U-bolts on the motor mounts are present and secure by checking their tightness with a hand tool.
8. Inspect the housing, nozzle, and safety shield hardware to ensure all bolts are secure and there are no signs of internal rubbing.
9. Inspect the taper lock and verify it is seated correctly. Depth from the end of the motor shaft to the taper lock should be within 1/4"-1/2".
10. If installed, inspect the blast gate, including the intake grate welds and air cylinder hardware, to ensure all components are secure and undamaged.
11. Repeat the full inspection process for all blowers.
12. If any abnormal findings are detected:
 - Keep the blower disconnect OFF.



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- Apply lockout/tagout.
- Contact Equipment Support.