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iVac TURBO – VAC FILTER BAG TENSION

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It has been brought to our attention that the mesh on the vacuum motor installed in the Prowash iVac TURBO can block up and can cause the vacuum motor to overheat.

The mesh filter on this style of vacuum motor is an important safety feature that prevents anything from entering the motor that may cause damage, in particular the sharp fast moving vacuum impellor. The vacuum motor relies on air flow to self-cool so it is vital that the mesh filter is inspected regularly and cleaned/cleared of dust particles as required.

In some instances, we have seen vacuum motors losing suction, overheating, drawing too much current and tripping the circuit breakers. If you have a Prowash iVac TURBO the recommended routine maintenance includes cleaning out the filter bags (and washing regularly) and inspecting the mesh under the vacuum motors to ensure they are all free of dust particles or anything that could be blocking the mesh. Even more importantly you must ensure the vacuum filter bags are installed correctly to prevent this from happening prematurely. Loose filter bags will allow the dust to escape past the bag and then get trapped on the motor mesh.

Vacuum motor mesh blocked



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If the filter bag is not installed correctly, it allows an air gap at the bottom of the filter bag and dust will escape past the bag and not through it.



Top loose – the filter bags have no tension



No tension leads to an air gap

Filter bags should be installed firmly at both top and bottom to ensure air and dust flow through them. The filter bags are the first stop in filtering the air entering the vacuum. If the filter bags are not installed correctly the dust particles can collect on the vacuum motor mesh.



Top tightened – gives the filter bags good tight tension



Good tension means no gap at the bottom

If you find dust on the mesh, check filter bags but also check that centre baffle is sealed with silicone and has no air gap around the outside. From the factory the iVac TURBO has a silicone seal all around the centre baffle.



We would also recommend that if you have excessive dust in the upper compartment that you give it a good clean out. Removing all filter bags will make this easy (and why not give them a good clean while they're out).



Grey silicone seal - ensuring all air travels through the filter

Recommended Vacuum Maintenance

- 1. Vacuum filter bags should be patted down and cleaned out weekly
- 2. Monthly, take out the filter bag and wash
- 3. Swap out the filter bag with a dry spare that is on hand
- 4. Visually check the overall vacuum on a monthly cycle and reference the recommended guidelines

NB: If you don't have a spare vacuum filter bag it should be added on your next order.

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