Disabling Dim Vacuum Cleaner Autoflow Mode

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Industrial Additive Manufacturing

Contents

1. Purpose

Provide Instructions on disabling AUTOFLOW mode on the Quatro vacuum cleaner in order to optimize ventilation.

The Quatro vacuum cleaner is set by default to AUTOFLOW mode. This mode automatically adjusts the motor speed to maintain proper ventilation based on the filter status. As a result, the operation speed decreases when the filters are clean; this creates an issue for the Dim operation, which requires the vacuum to always run at its highest speed.

The following procedure will disable the AUTOFLOW mode, which will prevent the vacuum cleaner from automatically decreasing its operation speed during production.

2. Equipment and Materials

No equipment or materials are required for the implementation of this procedure.

3. Vacuum Cleaner Setup

1. Unplug the vacuum cleaner power cord.

Figure 3.1: Power Cord

2. Press and hold the Speed Up (+) button while plugging the power cord back in.

Figure 3.2: Speed Up Button and Power Cord

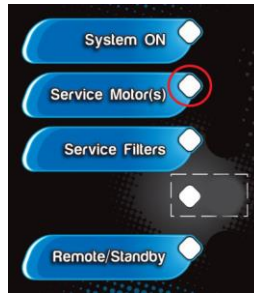3. Keep holding the button until the unit beeps continuously, then release it. The Service Motor indicator will flash.

Figure 3.3: Service Motor Indicator

4. Press Speed Down (-) once, or repeatedly until the Remote Standby indicator flashes.

Figure 3.4: Speed Buttons

5. Press and hold the power button until the unit beeps, then release it.

Figure 3.5: Power Button

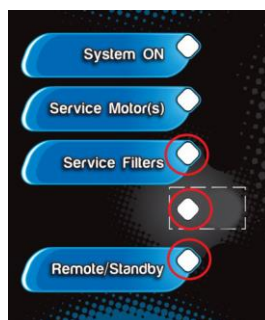6. Once released, the three bottom indicators will turn ON.

Figure 3.6: Indicators

7. Press and release Speed Down (-) again, or repeatedly until the Service Filter indicator flashes, and the two bottom indicators remain ON.

Figure 3.7: Speed Buttons

8. Press and hold the power button until the unit beeps, then release it.

Figure 3.8: Power Button

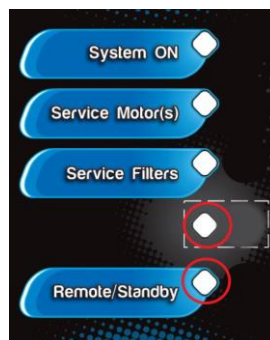The two bottom indicators will remain ON.

Figure 3.9: Indicators

9. Unplug the vacuum cleaner power cord.

Figure 3.10: Power Cord

Autoflow mode is now disabled.

10. Press the Speed Up (+) until the power is set to maximum

Figure 3.11: Speed Buttons

4. Revision History

Date	Comments	Revision
September 29, 2024	First Release	1.0
October 10, 2024	General proofreading	1.0