

## BLOWER WHEEL ADJUSTMENT PROCEDURES

**WARNING!**                    **Lockout and Tag-out all power supplies to equipment and controls prior to servicing unit. Follow all safety codes.**

**TOOLS REQUIRED:**

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| <p>5/32" hex (Allen) tool, long handle<br/>         1/8" hex (Allen) tool<br/>         1/4" nut driver<br/>         5/16" nut driver<br/>         1/2" socket</p> | <p>7/16" deep socket w/ 12" extension and swivel<br/>         7/16" combination wrench<br/>         duct jack or lift (horizontal units)<br/>         safety glasses<br/>         work gloves</p> |
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**BLOWER WHEEL ADJUSTMENT PROCEDURE:**

STEP NO.	TOOLS REQUIRED	INSTRUCTIONS	REFERENCE DRAWING
1	5/32" hex (Allen) tool 3/8" nut driver	Remove all front (MAUVF) or bottom (MAUHF) panels. Remove end panels. <b>Tag each right front panel (MAUVF) or middle bottom panel (MAUHF) for each unit. Panels have electrical information specific to each unit.</b>	-
2	5/16" nut driver	Remove top panel and set optional screens to the side (MAUVF). Remove ductwork if required and remove top (MAUVF) or front (MAUHF) discharge plenum.	MAUVF-400-1
3	5/32" hex (Allen) tool	Loosen setscrews on all blower wheels (2 per wheel).	Figure 1
4	5/32" hex (Allen) tool	Center each wheel in its respective housing and tighten wheel setscrews (2 per wheel).	Figure 1 & 2 & 3
5	-	Rotate the fan shaft by hand to ensure that fans are unrestricted and can rotate freely. Check for any fan obstructions.	-
6	5/16" nut driver	Reinstall optional screens and install top panel (MAUVF). Reinstall top (MAUVF) or front (MAUHF) discharge plenum and ductwork if required.	MAUVF-400-1
7	5/32" hex (Allen) tool 3/8" nut driver	Reinstall front (MAUVF) or bottom (MAUHF) panels. Reinstall end panels. Ensure that tag on each right front panel (MAUVF) or middle bottom panel (MAUHF) matches unit tag. Panels have electrical information specific to each unit. (see removal procedure step 1)	-

**Be careful with all components during removal and installation. Any excessive force applied to these components can cause unintended damage and void your warranty.**



Figure 1 – Set Screw



Figure 2 – Wheel Interference



Figure 3 – Wheel Centered