

Service Information Letter

Service Information Letter SIL2017-01 Rev A
 Over-torquing Motor Stud Retaining Nuts
 Drawing Referring Motor Stud Retaining assembly
 (Partial View Shown, Renumbered for Clarity)

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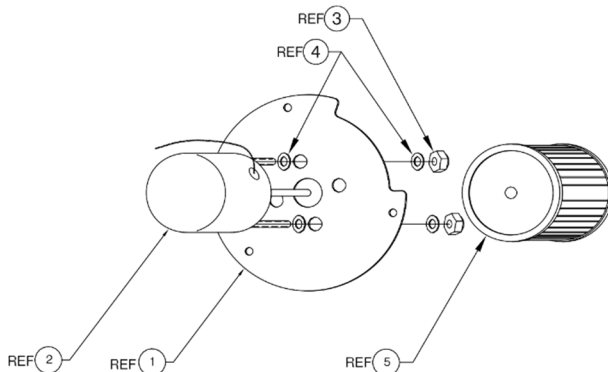
RSG Products Customer,

RSG Products has received reports of shortened service life of P/N 050052-1 Blower Motor. Investigation and analysis identified the cause as improper torquing of the item 3 nuts that attach the item 1 cover Plate Mod to the item 2 Motor during assembly.

Over-torquing these retaining nuts lead to binding within the blower motor, which causes increased workload and a shortened service life.

When installing the item 3 nuts, do so in accordance with the following:

1. Thread the first nut onto the bolt until it just begins to make contact with the item 4 washer. Do not tighten further at this point.
2. Repeat Step 1 with the item 3 nut on the opposite bolt.
3. Returning to the nut installed during Step 1 and, using a dial-indicating torque wrench, apply an additional 10in/lbs. of torque.
4. Repeat on the opposite nut.
5. Ensure .7 gap between cover plate item 1 and fan wheel.
6. Rotate the motor shaft. It should spin freely without any binding or restriction. If any binding is detected, slightly loosen both nuts and repeat Steps 1 through 4 with particular emphasis on ensuring that the nuts are not overly snugged during Steps 1 and 2.



REF	5	040007-8	Fan wheel CCW
REF	4	AN960-10	WASHER
REF	3	MS21044N3	NUT
REF	2	050052-1	BLOWER MOTOR
REF	1	040002-4	COVER PLATE MOD
		490016-1	FWD BLOWER ASSY
QTY	ITEM	PART NO.	DESCRIPTION