

Service Information Letter

Service Information Letter 2017-01
 Re: Over-torqueing Motor Stud Retaining Nuts
 Drawing Reference: 490016-1, Forward Blower Assembly
 (Partial View Shown, Renumbered for Clarity)

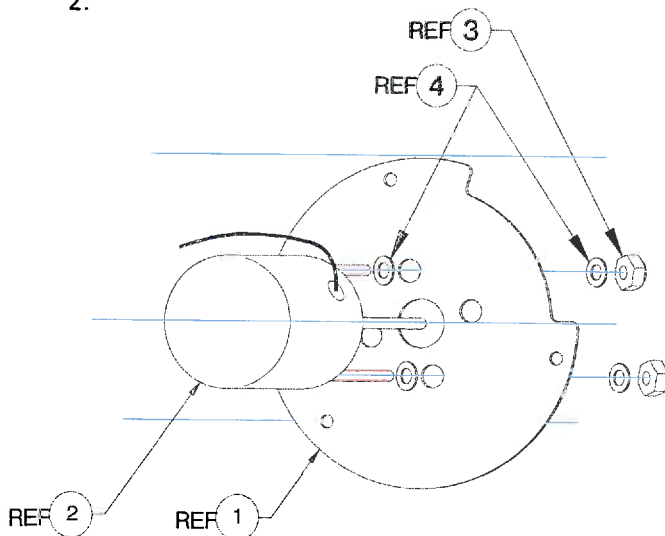
RSG Products Customer,

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

Over-torqueing these retaining nuts leads 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 10 in/lbs. of torque.
4. Repeat on the opposite nut.
5. 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	4	AN960-10	WASHER
REF	3	ARS21044N3	NUT
REF	2	050052-1	BLOWER MOTOR
REF	1	040002-4	COVER PLATE MOD
		490016-1	FWD BLOWER ASSY
QTY.	ITEM	PART NO.	DESCRIPTION