



ZEE Systems, Inc.

SERVICE LETTER 47-003K

SUB: DWG SZ47-003, Rev.B, 8-5-93

REF: Use of alternate Part Number Blower Assy and SZ47-003K Kit in new manufacture and field repair.

DWG SZ47-003, Rev.B indicates Blower Assy (vender) P/N 853A used to make ZEE Systems, Inc. P/N: SZ47-003 (all dash numbers) as a direct replacement for the original (vender) P/N BA-823. Due to the availability of the 7411FB motor, when repair, removal or replacement of Motor (7411FB24) is required, Kit SZ47-003K may be used. With the mounting bracket, wheel and clip the 853A Blower Assy is the same in fit, form and function as the BA-823 Blower Assy. The BA-823 and the 853A are directly interchangeable when used to make ZEE Systems, Inc. P/N: SZ47-003-(x).

Difference Data Information:

	BA-823	853A
Motor	7411FB24*(3/8 DIA shaft)	2807-516-051**(5/16 DIA Shaft)
Wheel, Blower	16-2527*	16-2527A**
Clip	N/A*	916-901**
Bracket, Mounting	17-2687*	17-2689**
Housing, Blower, Lower	17-2642	17-2642 (NO CHANGE)
Housing, Blower, Upper	17-2641	17-2641 (NO CHANGE)
Lugs, Mounting	17-2688	17-2688 (NO CHANGE)
Nut, Lock	MS21083N3 ALT: AN364-1032A	MS21083N3**
Washer, Flat	NAS1149F0332P ALT: AN960-10L	NAS1149F0332P**

* Not interchangeable.

** Kit SZ47-003K

The BA-823 and 853A Blower Assemblies used to make the SZ47-003-(x) Blower Assembly are directly interchangeable, but must be kept as an assembly. Should any component that is shown above as not interchangeable (*) need replacement use kit SZ47-003K (**) and follow the installation instructions below.

INSTALLATION INSTRUCTIONS

SZ47-003K Kit

Remove and replace the Motor and Wheel Assembly as normal with the following differences:

1. Remove Motor (7411FB24), Wheel (16-2527) and 2 each Brackets (17-2687) and discard.
2. The 2807-516-051 is dual shaft motor. Determine the rotation required then clamp the shaft for the opposite rotation in a vise. Hold the motor housing and cut off the clamped shaft as close to the housing as possible and discard. Take care not to allow shavings to get into the motor housing.
3. Using parts from the SZ47-003K Kit install the Wheel (16-2527A) on the motor (2807-516-051) shaft and secure with Clip (916-901). Make sure the rotation arrows on the center hub of the wheel are the same as the rotation of the shaft.
4. Reassemble in the housing using the Bracket (17-2689) from the SZ47-003K Kit. Secure with one NAS1149F0332P Flat Washer and one MS21083N3 Lock Nut on each of the four studs through the two 17-2689 Mounting Brackets. Adjust the position of the wheel on the shaft so it does not touch the housing on either side.