



ZEE Systems, Inc.

SERVICE LETTER Z09-800

1.0 EFFECTIVITY: All Z09-700-Series Evaporators.

2.0 PURPOSE: To allow for the use and to provide installation instructions for the Blower Motor part number Z09-800-2A.

3.0 COMPLIANCE: Compliance is optional. Evaporators manufactured before September 2010 may continue to use the Z09-800-2 Blower Motor. After September 2010 all Z09-700 Evaporators will have the Z09-0800-2A Blower Motor. Replacement motors provided after September 2010 will be Z09-800-2A.

4.0 APPROVALS: P.Z.L., Polish CAA and FAA, including the FAA-PMA Supplement will be amended.

5.0 WEIGHT AND BALANCE: The Z09-800-2A Motor weighs 1.0 Lbs (.45 Kg) more than the Z09-800-2. This is a net increase of 2.0 lbs (.90 Kgs) for the Z09-700 Evaporator.

6.0 ELECTRICAL LOAD OR PERFORMANCE DATA: Not effected.

7.0 SPECIAL TOOLS: None required.

8.0 MAN POWER REQUIREMENTS: Time to change both motors is estimated at 1.0 man hours. This does not include time to access the evaporator.

9.0 INSTRUCTIONS: See FIG. 1

9.1 Disconnect the electrical wiring for the motor.

9.2 Remove the 7 screws MS35206-245 (discard) and washers (save) that attach the mounting plate to the blower housing.

9.3 Lift the motor, plate and blower wheel from the blower housing. No further disassembly is required. Note the distance of the blower wheel to the mounting plate.

9.4 Place the SZ63-010-5 Pad between the motor and the plate and align the holes on the pad with the holes on the Z09-309-1 Plate to insure proper ventilation. Attach the Z09-800-2A Motor to the Z09-309-1 Plate using the hardware provided in the Z09K800 Kit.

9.5 Place the Z09-710-2 Blower Wheel on the motor shaft. Align the wheel at the same distance from the mounting plate as the defective unit and tighten the set screw on flat on the motor shaft. Set screw torque not to exceed 140 LB-INCH (lbf-in) [15.8 NEWTON-METER (N-m)].

9.6 Place the mounting plate on the blower housing. Rotate the plate so the studs on the motor are vertical to each other. Check that the wheel is free, adjust wheel on shaft as necessary, and secure with the 7 MS35206-246 Screws and saved washers.

9.7 Connect the wires from the motor to the power source.



ZEE Systems, Inc.

SERVICE LETTER Z09-800

10.0 REFERENCE INFORMATION:

QTY	NEW PART NO.	DESCRIPTION	OLD PART NO.	DISPOSITION
7ea	MS35206-246	Screw	MS35206-245	DISCARD
7ea	AN935-8	Washer, Lock		SAVE-REUSE
7ea	AN960-8L	Washer, Flat		SAVE-REUSE
1ea	Z09-800-2A	Motor	Z09-800-2	DISCARD
1ea	SZ63-010-5	Pad	SZ63-010-3	DISCARD
1ea	Z09-309-1	Mounting Plate	Z09-302-1	DISCARD
1ea	Z09-710-2	Blower Wheel	105931-P	DISCARD
2ea	NAS1149F0332P	Washer, Flat	AN960-10L	DISCARD
2ea	MS21083N3	Nut, Lock	AN364-1032A	DISCARD
1ea	Z700-1	Placard, I.D.	102220-1	DISCARD

11.0 TESTING: Run the blower(s). No excessive vibration or noisy operation is allowed.

12.0 IDENTIFICATION: If the Evaporator has the older 102220-1 I.D use the new Z700-1 I. D. Placard provided in the Z09K800-1 Kit. The 102220-1 placard does not have a MOD block. Mark the serial number and the manufacture date on the Z700-1 I. D. Placard. Remove and discard the old I. D. Placard and affix the new placard in its place. If the Evaporator has the new Z700-1 I.D. Placard mark an "A" in MOD block.

13.0 RECORDS: Make appropriate log book entries as required by governing civil or military authorities.

14.0 MATERIAL COST and AVAILABILITY:

For current cost and availability contact:
ZEE Systems, Inc.
406 W. Rhapsody
San Antonio, TX 78216 USA
210-342-9761 or 800-988-COOL (2665)
FAX 210-341-2609
Email Customer Support at info@zeeco-zeesys.com

Order the following parts:
Z09K800-1 Kit, Motor Mount
Z09-800-2A Motor



ZEE Systems, Inc.

SERVICE LETTER Z09-800

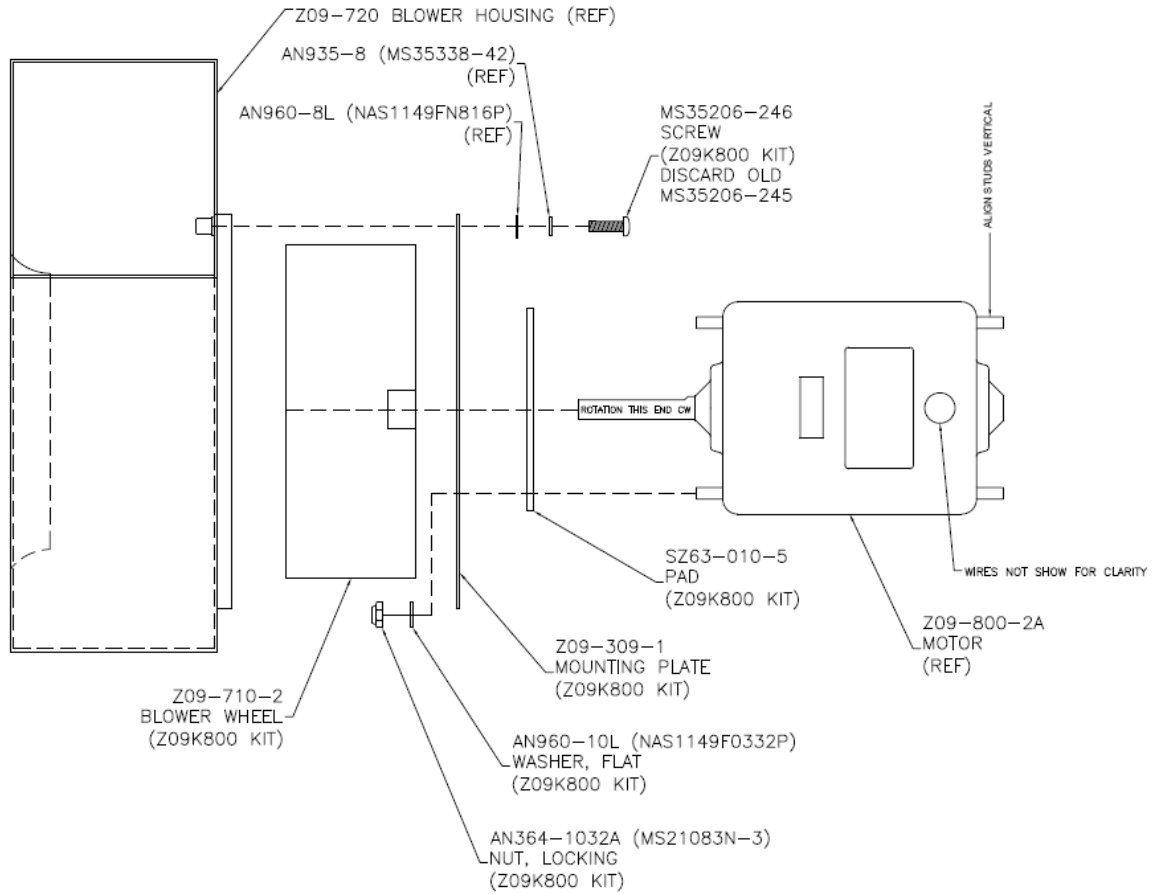


FIG. 1