



ZEE Systems, Inc.
SERVICE LETTER Z26-89600-3

1.0 EFFECTIVITY: Motor-Compressor-Condenser Assembly Z26-89600-2 with MOD F installed.

2.0 PURPOSE: Provide instructions to install an alternate Hose Assembly from the compressor to the condenser inlet. The Back Seat Valve (B.S.V.) from the supplier has been shortened about one inch. This required the hose from the compressor to the condenser to be redesigned and the position of the B.S.V. to be rotated to fit. This change does not change the operation of the air conditioning system.

3.0 COMPLIANCE: Compliance is optional. Motor Compressor Condenser (MCC) units may continue to use the original Z2008165BC313 (MOD J) Hose Assembly when ordering a replacement. New MCC units manufactured after MAY 2024 will have the new Z2008090BC300 (MOD K) Hose Assembly. Either Hose Assembly may be used.

4.0 APPROVALS: This change does not affect the fit form or function of the final assembly and does not require additional approvals.

5.0 WEIGHT AND BALANCE: No change.

6.0 ELECTRICAL LOAD OR PERFORMANCE DATA: No change.

7.0 SPECIAL TOOLS: No special tools are required. Normal refrigerant recovery and charging equipment is needed to perform this service.

8.0 MANPOWER REQUIREMENTS: Refrigerant must be removed to accomplish this procedure. It is recommended this procedure is accomplished when the refrigerant has been removed during other maintenance. Allow 0.5 hours if performed when the system is dry. If the system is charged with refrigerant allow additional time to recover refrigerant, evacuate and charge the system.

CAUTION

AIR CONDITIONING SYSTEM UNDER PRESSURE. APPROPRIATE SAFETY MEASURES SHOULD BE TAKEN WHEN SERVICING THIS EQUIPMENT. WEAR APPROPRIATE P.P.E. ONLY TRAINED PERSONNEL WITH APPROVED SAFETY EQUIPMENT SHOULD PERFORM SERVICING DUTIES.

NOTE

IT IS UNLAWFUL TO RELEASE R-12 OR OTHER REFRIGERANTS TO THE ATMOSPHERE. USE APPROVED RECOVERY/RECYCLE EQUIPMENT TO CAPTURE REFRIGERANTS. USE ONLY LAWFUL MEANS TO DISPOSE OF RECOVERED REFRIGERANTS. CHECK WITH LOCAL AGENCIES FOR APPROVED DISPOSAL PROCEDURES.



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NOTE

CAP ALL OPEN LINES TO PREVENT CONTAMINANTS AND MOISTURE FROM ENTERING THE SYSTEM.

9.0 INSTRUCTIONS: Refer to CMM Z26-89600. Discharge the system. Always use a back-up wrench when loosening or tightening any fitting connections. Leave the connections loose until all have been made. Remove and discard the Hose Assy between the compressor and the condenser inlet (FIG. 1, Item 8). Loosen the Discharge side Back Seat Valve (B.S.V.) at the compressor. Take care not to damage the O-Rings. Rotate the B.S.V. as shown in ILLUSTRATION 1. Attach the Z2008090BC300 Hose Assembly (MOD K) as shown. Connect the 45° fitting to the BSV at the compressor and the 90° to the condenser inlet. After connections have been made, tighten the B.S.V. then tighten the hose connections.

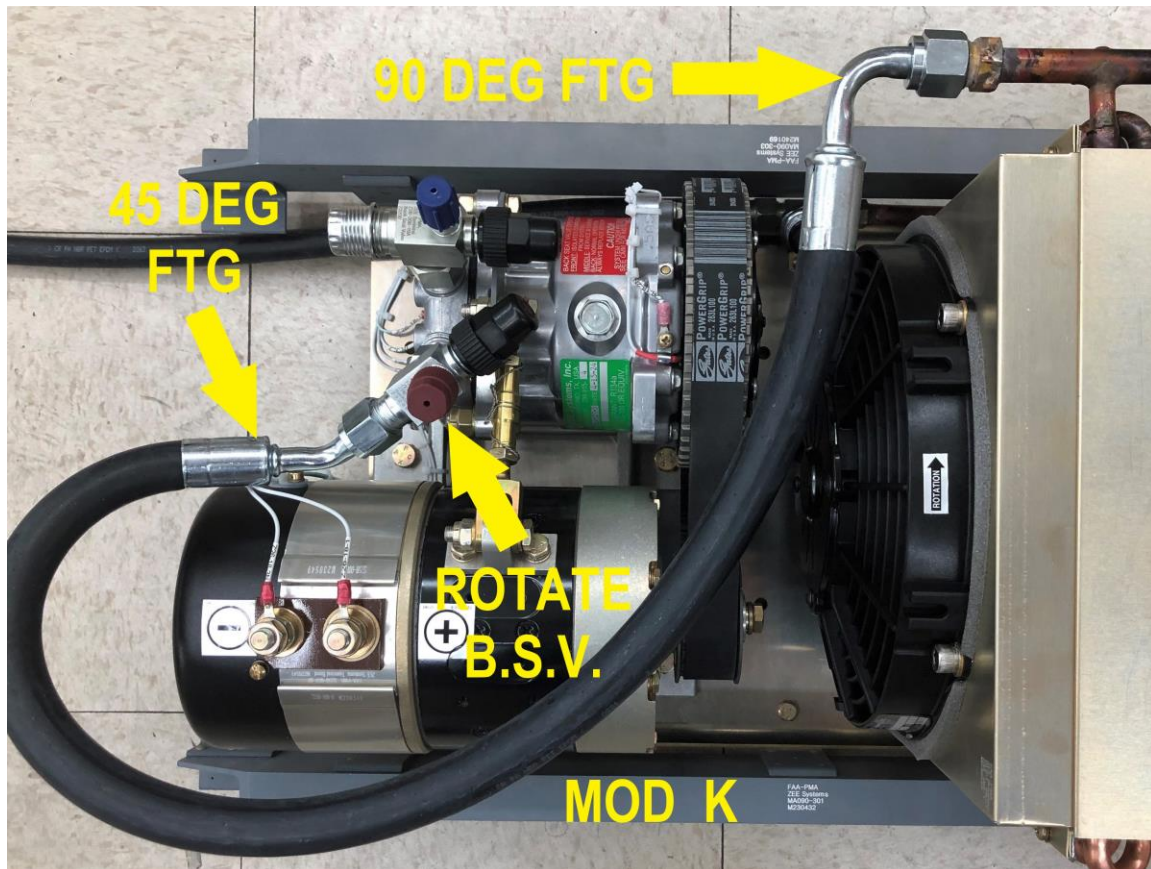


ILLUSTRATION 1

9.1 ILLUSTRATION 2 shows the differences in the rotation of the B.S.V. and the placement of the 45° fitting between MOD J and MOD K hose installations.



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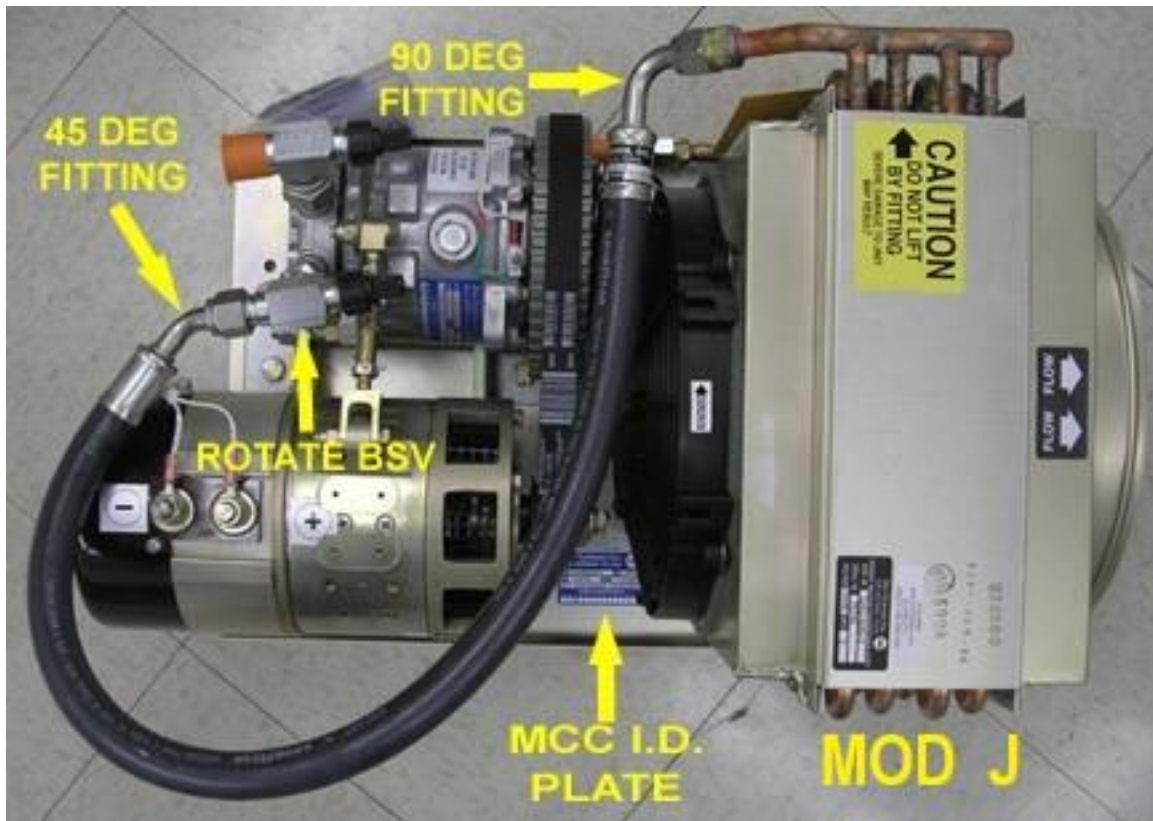


ILLUSTRATION 2

After testing, service the system in accordance with CMM Z26-89600 or Service Letter Z26-1.

10.0 REFERENCE MATERIAL: ZEE Systems, Inc. CMM Z26-89600, Service Letter Z26-1.

11.0 TESTING: Cap the condenser outlet. Using suitable fittings connect a source of dry nitrogen. Pressurize the system to 200PSIG for one minute. No leaks are allowed.

12.0 IDENTIFICATION: On the MCC ID Plate mark “J” or “K” in the MOD STATUS block.

13.0 RECORDS: Make appropriate entries in logbook or service records.

14.0 MATERIAL COST and AVAILABILITY: Hose assemblies are fabricated when ordered, allow 1-2 weeks for delivery. For current pricing contact:



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Texas Air Services, Inc.
2602 45th Street
Dickinson, Texas 77539 USA
TEL: 281-337-7763 - US only 800-313-6506
sales@texasairservices.com

MOD J

QTY	PART NUMBER	DESCRIPTION	DISPOSITION OLD PART
1	Z2008165BC313	Hose Assy	DISCARD

MOD K

QTY	PART NUMBER	DESCRIPTION	DISPOSITION OLD PART
1	Z2008090BC300	Hose Assy	DISCARD