



# Service Bulletin

DATE 3 September 1974

NUMBER 2914 40001

ATTENTION: SERVICE MANAGERS		GROUP 14									
<p><u>DESCRIPTION</u></p> <p>This service bulletin is issued to overcome possible freon compressor failures due to loss of freon in the automotive air conditioning system (Thermoking) on the 2900R Motor Coach. A clutch cutout switch installed in the freon return line will disconnect the compressor if a leak should develop causing loss of freon and oil in compressor crankcase and subsequent damage to the compressor.</p>		SUBJECT AUTOMOTIVE AIR CONDITIONING									
<p><u>KIT CONTENTS (5100371-R002)</u></p> <table border="1"> <thead> <tr> <th><u>RVD NUMBER</u></th> <th><u>DESCRIPTION</u></th> <th><u>QTY</u></th> </tr> </thead> <tbody> <tr> <td>M24509</td> <td>Switch, Low Pressure</td> <td>1</td> </tr> <tr> <td>M24530</td> <td>Connector, Switch to Tee</td> <td>1</td> </tr> </tbody> </table>		<u>RVD NUMBER</u>	<u>DESCRIPTION</u>	<u>QTY</u>	M24509	Switch, Low Pressure	1	M24530	Connector, Switch to Tee	1	MODEL (S) AFFECTED 2900R 00001 TO 00580
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M24509	Switch, Low Pressure	1									
M24530	Connector, Switch to Tee	1									
<p><u>INSTRUCTIONS</u></p> <ol style="list-style-type: none"> <li>1. Locate freon compressor return line tee on right side of coach at rear. See Repair Parts Catalog, page 14-3, item 16.</li> <li>2. Disconnect tee at lines and remove tee from coach.</li> <li>3. On the flat side of the tee, drill and tap a 1/8" national pipe thread in the center of the flat.</li> <li>4. Thread connector (M24530) into tee and install low pressure switch (M24509) into connector.</li> </ol> <p style="text-align: center;"><b>CAUTION</b></p> <p>Do not over tighten switch in connector. Remove filings and dirt from tee and fittings.</p> <ol style="list-style-type: none"> <li>5. Install tee with adapter and switch into return line.</li> <li>6. Connect existing #14 brown wire to terminals on low pressure switch.</li> <li>7. Recharge system with freon and test for leaks.</li> </ol>		<p>(Factory Use Only) Information added to:</p> <p>OWNER MANUAL (S)</p> <p>SERVICE MANUAL (S)</p> <p>PARTS MANUAL (S)</p> <p>WARRANTY MANUAL (S)</p> <p>OTHER</p>									



FMC Corporation  
 Motor Coach Division  
 333 Brokaw Road Box 664 Santa Clara California 95052

URGENT       ROUTINE  
 MANDATORY     INFORMATIONAL

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ATTENTION: SERVICE MANAGERS	GROUP  14
<p><u>WARRANTY REIMBURSEMENT</u></p> <p>FMC Motor Coach Division will allow a maximum of two labor hours and reimbursement for Kit 5100371-R002 on a properly filled out Warranty Claim (Form RVD 69). Authorization for dealer to proceed must be obtained from Motor Coach Division Service Department prior to performing the work.</p> <p><i>Max L. Snavely</i>        MAX L. SNAVELY        Service Manager</p>	SUBJECT  AUTOMOTIVE AIR CONDITIONING
	MODEL (S) AFFECTED  2900R  00001 TO 00580
	<p>(Factory Use Only)        Information added to:</p> <p>OWNER MANUAL (S)</p> <p>SERVICE MANUAL (S)</p> <p>PARTS MANUAL (S)</p> <p>WARRANTY MANUAL (S)</p> <p>OTHER</p>