

Group 1 Frame Assembly

GENERAL: This group contains information on the basic frame or understructure.

SPECIFICS: As applicable

- ...Energy Absorbers (bumper)
- ...Frame Brackets (not welded on)
- ...Frame Crossmembers (not welded on)
- ...Frame of Coach
- ...Front Bumper
- ...Lifting Eyes
- ...Lifting Pads
- ...Rear Bumper
- ...Tow Eyes
- ...Tow Hooks
- ...Tubing through Frame (cables, wires, hoses)



FMC Corporation
Recreational Vehicle Division
333 Brokaw Road Box 864 Santa Clara, California 95052

Service Bulletin

DATE 28 May 1974

NUMBER 2901 40002

ATTENTION: SERVICE MANAGERS and Owners		GROUP 1																														
<p><u>DESCRIPTION</u></p> <p>This bulletin provides instructions for the installation of a trailer hitch support kit on the rear of the FMC 2900R coaches and rescinds Bulletin 2901 40001 dated 1 February 1974.</p> <p><u>EFFECTIVITY</u></p> <p>This installation is optional for coaches 00441 and up.</p> <p><u>MANPOWER</u></p> <p>Estimated accomplishment time for one mechanic is 1-1/2 hours.</p> <p><u>MATERIAL</u></p> <p>The following trailer hitch kit parts are sold only in kit form.</p> <p><u>Dealers</u> - Order kits on Parts Order Form from FMC Corporation Recreational Vehicle Division 333 Brokaw Road, Box 664 Santa Clara, CA 95052 Attention: Service Department</p> <p><u>Owners</u> - Order kit through your dealer who can furnish a complete installation price upon request.</p>		<p>SUBJECT</p> <p>INSTALLATION OF TRAILER HITCH SUPPORT KIT</p> <p>MODEL (S) AFFECTED</p> <p>2900R Serial numbers 00441 and up only</p> <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>																														
<table border="1"> <thead> <tr> <th>TITLE</th> <th>RVD P/N</th> <th>QTY PER KIT</th> </tr> </thead> <tbody> <tr> <td>HITCH ASSY (includes RE welded-on bracket for frame attachment)</td> <td>5101778</td> <td>1</td> </tr> <tr> <td>BRACKET, Half (support-to-frame attaching - bolted)</td> <td>5101778-08</td> <td>2</td> </tr> <tr> <td>BOLT (1/2-13 x 1-1/2)</td> <td>M18157</td> <td>12</td> </tr> <tr> <td>NUT (1/2-13)</td> <td>M17157</td> <td>12</td> </tr> <tr> <td>LOCKWASHER (split, 1/2 I.D.)</td> <td>M17006</td> <td>16</td> </tr> <tr> <td>WASHER, (flat, 1/2 I.D.)</td> <td>5100570-02</td> <td>4</td> </tr> <tr> <td>BRACKET, Trailer hitch (coupling platform)</td> <td>5101976</td> <td>1</td> </tr> <tr> <td>BOLT (1/2-20 x 2)</td> <td>M18054</td> <td>4</td> </tr> <tr> <td>NUT (1/2-20)</td> <td>M17158</td> <td>4</td> </tr> </tbody> </table>			TITLE	RVD P/N	QTY PER KIT	HITCH ASSY (includes RE welded-on bracket for frame attachment)	5101778	1	BRACKET, Half (support-to-frame attaching - bolted)	5101778-08	2	BOLT (1/2-13 x 1-1/2)	M18157	12	NUT (1/2-13)	M17157	12	LOCKWASHER (split, 1/2 I.D.)	M17006	16	WASHER, (flat, 1/2 I.D.)	5100570-02	4	BRACKET, Trailer hitch (coupling platform)	5101976	1	BOLT (1/2-20 x 2)	M18054	4	NUT (1/2-20)	M17158	4
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<p>NOTES: 1. Metal stamped to read: FMC CORPORATION SAE CLASS 2 HITCH 3500 LB. GROSS LOAD 500 LB. MAXIMUM TONGUE LOAD</p> <p>2. The coupling platform does not include the ball-socket type coupling.</p>	<p>1</p> <p>SUBJECT</p> <p>INSTALLATION OF TRAILER HITCH SUPPORT KIT</p>
<p><u>ACCOMPLISHMENT INSTRUCTIONS</u></p>	
<p>To install a trailer hitch support kit proceed as follows:</p>	<p>MODEL(S) AFFECTED</p>
<p>A. Refer to the 2900R Parts Catalog, Group 1, for an illustration of the rear bumper area then remove eight (8) bumper attaching bolts, washers, lockwashers, and nuts; retain bumper and attaching hardware.</p> <p>B. Lift bumper free of coach.</p> <p>C. Remove eight bolts, lockwashers, and nuts securing bumper springs to frame extensions.</p> <p>D. Lift two springs free of coach.</p> <p>E. Stow springs as they are not used when trailer hitch support is installed.</p> <p>F. Install trailer hitch (5101778) on bumper with existing bumper attaching bolts, nuts, and washers retained from Step A. Use a pry bar to line up holes in hitch with holes in bumper. Torque nuts to 54 to 59 foot pounds.</p> <p>G. Locate and drill two 17/32 diameter holes in bottom flange of bumper using bracket 5101976 as template.</p> <p>H. Install trailer hitch bracket (5101976) on bottom of hitch with four 1/2-20 x 2 bolts, lockwashers, and nuts. Tighten nuts 86 to 94 foot pounds.</p> <p>J. Install two bracket halves (5101778-03) on left hand side of hitch with four 1/2-13 x 1-1/2 bolts, lockwashers, and nuts, plus four flat washers (5100570-02). Torque nuts 54 to 59 foot pounds.</p> <p>K. Install bumper and hitch on rear frame brackets with eight 1/2-13 x 1-1/2 bolts, nuts, and lockwashers. Torque nuts 54 to 59 foot pounds.</p>	<p>2900R Serial numbers 00441 and up only</p>
	<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>

John L. Strevver
 John L. Strevver
 Service Manager



FMC Corporation
 Motor Coach Division
 333 Brokaw Road Box 864 Santa Clara California 95052

URGENT

ROUTINE

MANDATORY

INFORMATIONAL

Service Bulletin

DATE 23 August 1974

NUMBER 2901 10001

ATTENTION: SERVICE MANAGERS AND OWNERS	GROUP 01
<p>It has been brought to our attention that some coach owners are installing trailer hitches (not FMC design) to rear bumper of the 2900R Motor Home so that the hitch is rigidly mounted to the bumper. This has occurred on coaches below serial number 00440.</p> <p>Coaches from 00001 to 00440 were equipped with shock absorbing bumpers mounted on telescoping cylinders to allow the bumper to move forward upon impact. These cylinders are mounted to the coach frame with a 5/16" diameter stud and a trailer hitch attached to the bumper would OVERLOAD the mounting studs and cause them to fail.</p>	SUBJECT TRAILER HITCH
<p style="text-align: center;">WARNING</p> <p>For safety sake DO NOT mount a trailer hitch directly on this style of bumper. DO NOT mount a trailer hitch on either the trans- mission or engine cross member. Any trailer hitch mounted on coaches within these serial numbers must be mounted directly to the longi- tudinal frame members and forward of the rear bumper cylinder attaching studs.</p> <p style="text-align: center;"><i>Max L. Snavely</i> MAX L. SNAVELY Service Manager</p>	MODEL (S) AFFECTED 2900R MOTOR HOME SERIAL NUMBERS 00001 TO 00440
	<p>(Factory Use Only) Information added to:</p> <p>OWNER MANUAL (S)</p> <hr/> <p>SERVICE MANUAL (S)</p> <hr/> <p>PARTS MANUAL (S)</p> <hr/> <p>WARRANTY MANUAL (S)</p> <hr/> <p>OTHER</p>